

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085845.D
 Acq On : 24 Feb 2025 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 25 01:59:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	265819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	402650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	207525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161574	46.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	8.165	113	139001	47.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	10.565	98	518945	48.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.847	95	181038	51.864	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	161852	44.764	ug/l	99
3) Chloromethane	2.359	50	158102	43.576	ug/l	97
4) Vinyl Chloride	2.512	62	172270	44.844	ug/l	97
5) Bromomethane	2.948	94	102558	41.752	ug/l	90
6) Chloroethane	3.112	64	111162	43.687	ug/l	95
7) Trichlorofluoromethane	3.495	101	251973	45.304	ug/l	97
8) Diethyl Ether	3.959	74	85765	47.658	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	149217	46.413	ug/l	99
10) Methyl Iodide	4.589	142	183873	46.398	ug/l	98
11) Tert butyl alcohol	5.518	59	113801	268.484	ug/l	99
12) 1,1-Dichloroethene	4.342	96	133803	45.900	ug/l	96
13) Acrolein	4.177	56	168600	268.230	ug/l	98
14) Allyl chloride	5.024	41	175085	45.747	ug/l	99
15) Acrylonitrile	5.718	53	371087	269.304	ug/l	99
16) Acetone	4.430	43	275033	252.218	ug/l	97
17) Carbon Disulfide	4.712	76	357688	41.402	ug/l	100
18) Methyl Acetate	5.024	43	197420	52.636	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	441960	51.021	ug/l	98
20) Methylene Chloride	5.277	84	159408	45.457	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	142991	45.555	ug/l	95
22) Diisopropyl ether	6.671	45	447281	51.720	ug/l	97
23) Vinyl Acetate	6.600	43	1522753	257.162	ug/l	99
24) 1,1-Dichloroethane	6.565	63	278783	47.421	ug/l	98
25) 2-Butanone	7.483	43	438983	273.635	ug/l	99
26) 2,2-Dichloropropane	7.489	77	228375	43.686	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	173640	47.710	ug/l	99
28) Bromochloromethane	7.812	49	116325	48.142	ug/l	99
29) Tetrahydrofuran	7.836	42	300993	290.549	ug/l	99
30) Chloroform	7.965	83	288604	46.976	ug/l	95
31) Cyclohexane	8.253	56	211977	43.065	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	253492	46.389	ug/l	99
36) 1,1-Dichloropropene	8.371	75	194641	47.229	ug/l	99
37) Ethyl Acetate	7.559	43	184606	54.432	ug/l	98
38) Carbon Tetrachloride	8.359	117	228995	46.764	ug/l	95
39) Methylcyclohexane	9.600	83	190250	46.991	ug/l	96
40) Benzene	8.606	78	635254	48.094	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085845.D
 Acq On : 24 Feb 2025 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 25 01:59:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	95712	52.792	ug/l	97
42) 1,2-Dichloroethane	8.671	62	201234	46.772	ug/l	99
43) Isopropyl Acetate	8.688	43	339309	57.085	ug/l	95
44) Trichloroethene	9.353	130	144932	44.689	ug/l	93
45) 1,2-Dichloropropane	9.618	63	158101	49.588	ug/l	96
46) Dibromomethane	9.706	93	111010	49.361	ug/l	99
47) Bromodichloromethane	9.888	83	232828	48.390	ug/l	99
48) Methyl methacrylate	9.677	41	134829	53.531	ug/l	97
49) 1,4-Dioxane	9.694	88	58768	1226.979	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	941313	287.877	ug/l	100
52) Toluene	10.630	92	386518	49.920	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	225229	50.623	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	241548	49.510	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	152468	49.527	ug/l	100
56) Ethyl methacrylate	10.871	69	225146	50.770	ug/l	99
57) 1,3-Dichloropropane	11.159	76	258482	50.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	531154	291.642	ug/l	99
59) 2-Hexanone	11.194	43	681299	302.870	ug/l	99
60) Dibromochloromethane	11.359	129	182820	51.000	ug/l	99
61) 1,2-Dibromoethane	11.465	107	148468	51.044	ug/l	99
64) Tetrachloroethene	11.100	164	130351	41.788	ug/l	97
65) Chlorobenzene	11.888	112	420254	45.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	157098	47.384	ug/l	99
67) Ethyl Benzene	11.959	91	719183	49.774	ug/l	100
68) m/p-Xylenes	12.071	106	566688	103.250	ug/l	100
69) o-Xylene	12.394	106	267006	51.195	ug/l	99
70) Styrene	12.412	104	465140	48.119	ug/l	99
71) Bromoform	12.576	173	124614	50.582	ug/l #	97
73) Isopropylbenzene	12.694	105	666889	46.906	ug/l	100
74) N-amyl acetate	12.494	43	253716	50.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	222208	45.419	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	180144m	39.078	ug/l	
77) Bromobenzene	12.976	156	172869	45.005	ug/l	97
78) n-propylbenzene	13.035	91	793326	48.723	ug/l	100
79) 2-Chlorotoluene	13.123	91	496812	45.667	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	570631	49.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	84656	53.582	ug/l	89
82) 4-Chlorotoluene	13.218	91	503974	46.729	ug/l	99
83) tert-Butylbenzene	13.435	119	460384	47.272	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	582799	50.863	ug/l	100
85) sec-Butylbenzene	13.612	105	650428	47.269	ug/l	100
86) p-Isopropyltoluene	13.729	119	548570	44.003	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	315898	43.896	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	310834	42.142	ug/l	99
89) n-Butylbenzene	14.053	91	436122	44.641	ug/l	98
90) Hexachloroethane	14.329	117	111202	42.671	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	310307	44.840	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40292	44.849	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	142389	43.180	ug/l	99
94) Hexachlorobutadiene	15.500	225	73542	36.696	ug/l	98
95) Naphthalene	15.641	128	431367	47.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139399	42.108	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
Data File : VN085845.D
Acq On : 24 Feb 2025 18:26
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 01:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

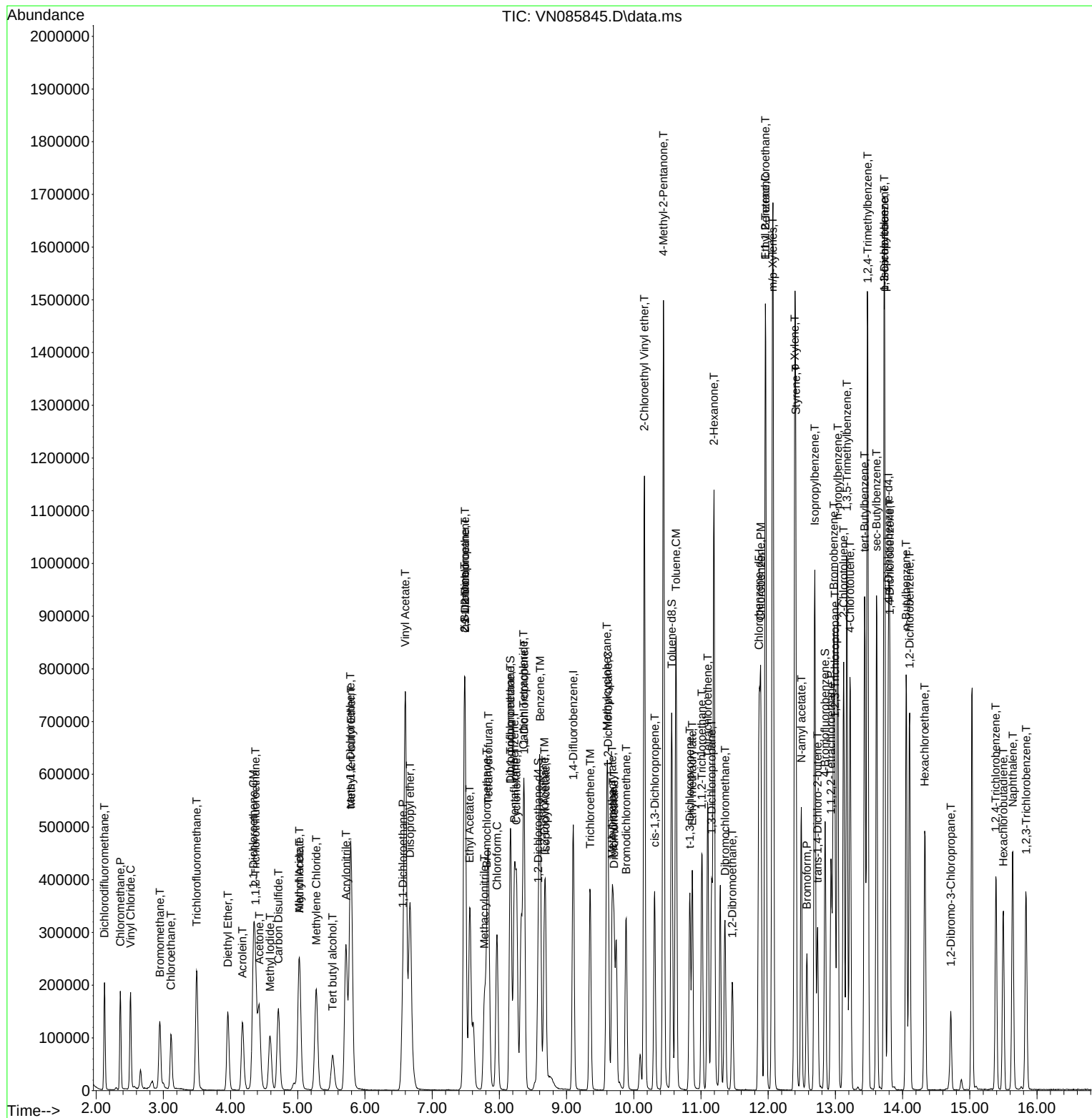
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
Data File : VN085845.D
Acq On : 24 Feb 2025 18:26
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

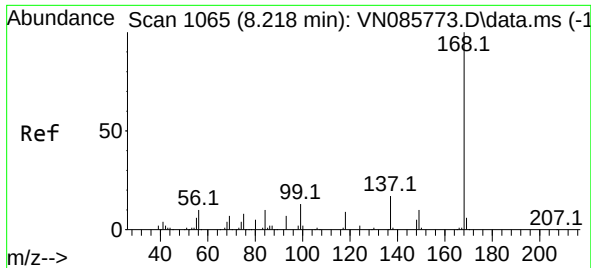
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 25 01:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025





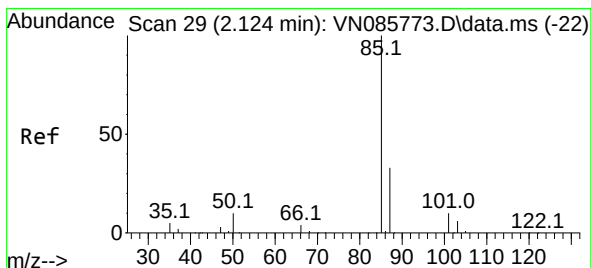
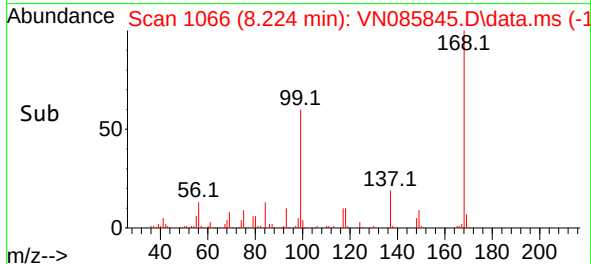
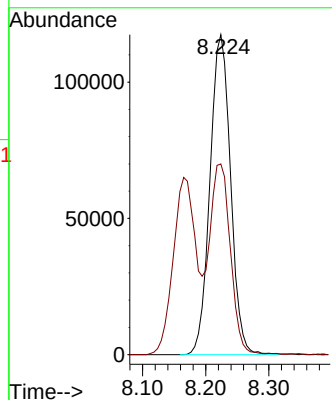
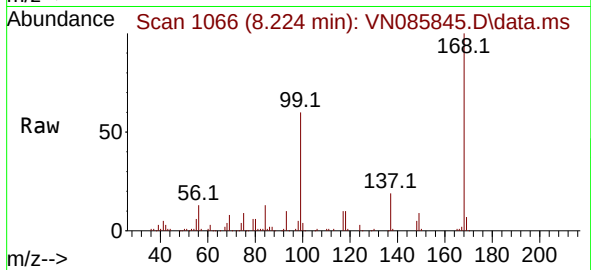
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 265819
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9

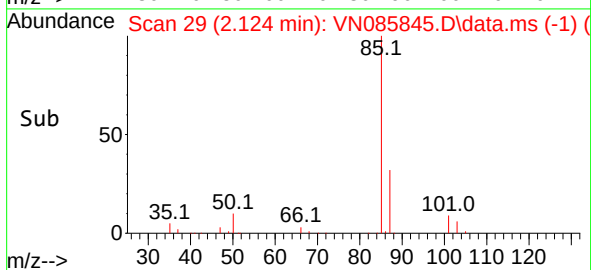
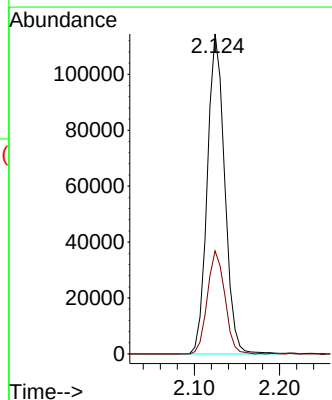
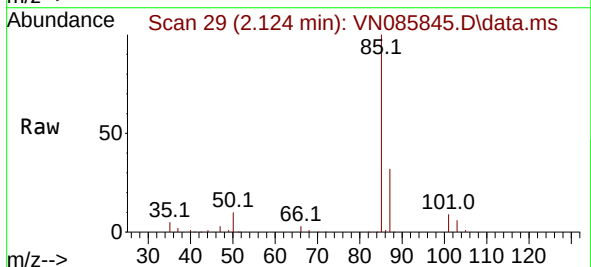
Manual Integrations
APPROVED

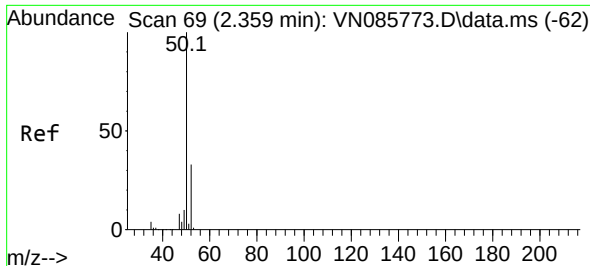
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#2
Dichlorodifluoromethane
Concen: 44.764 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

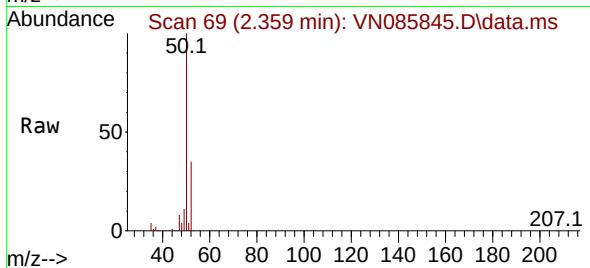
Tgt Ion: 85 Resp: 161852
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2





#3
Chloromethane
Concen: 43.576 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

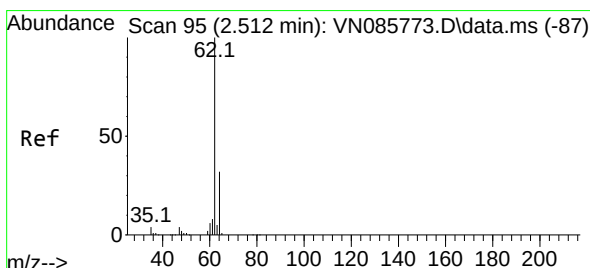
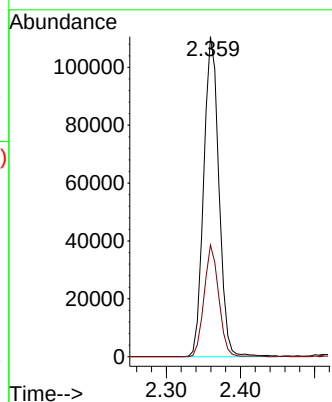
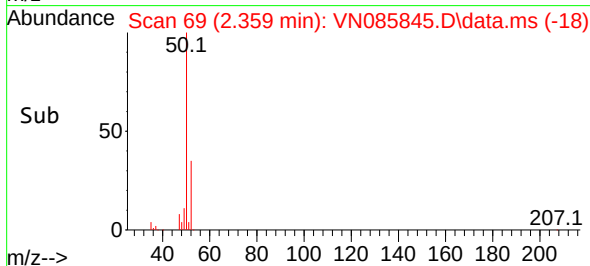
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 15810
Ion Ratio Lower Upper
50 100
52 34.9 26.7 40.1

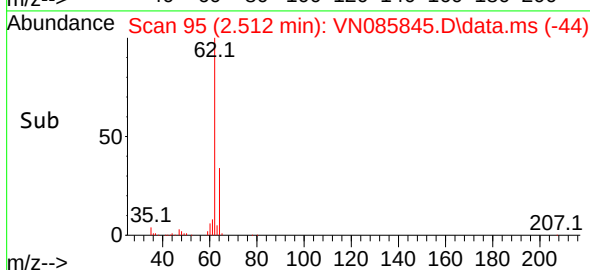
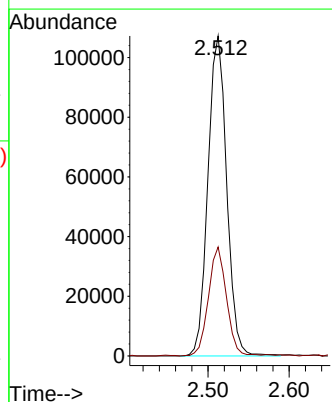
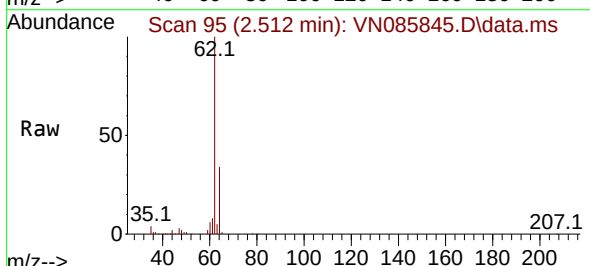
Manual Integrations
APPROVED

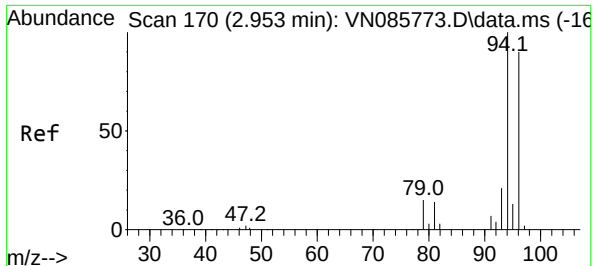
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#4
Vinyl Chloride
Concen: 44.844 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion: 62 Resp: 172270
Ion Ratio Lower Upper
62 100
64 34.1 25.9 38.9





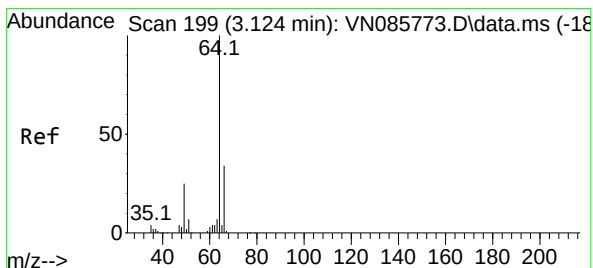
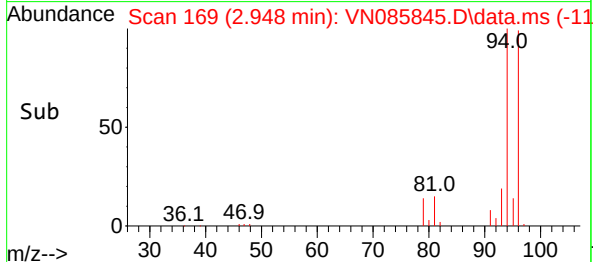
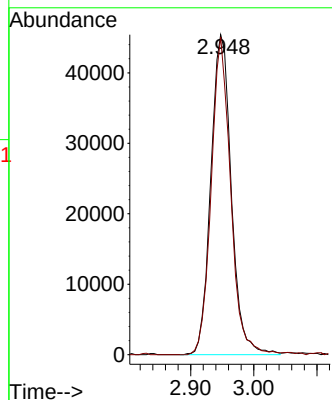
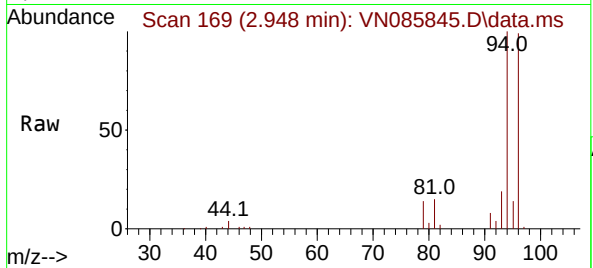
#5
Bromomethane
Concen: 41.752 ug/l
RT: 2.948 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 102558
Ion Ratio Lower Upper
94 100
96 99.3 71.7 107.5

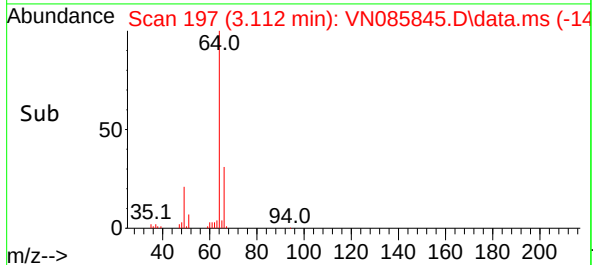
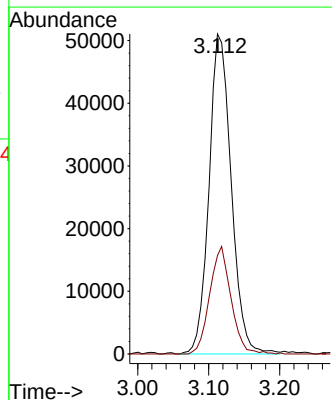
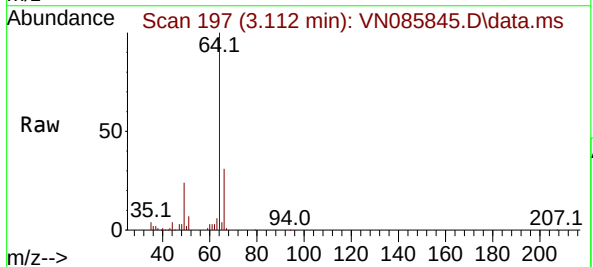
Manual Integrations
APPROVED

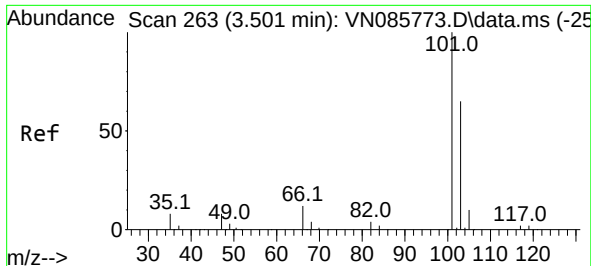
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#6
Chloroethane
Concen: 43.687 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion: 64 Resp: 111162
Ion Ratio Lower Upper
64 100
66 30.8 27.0 40.6





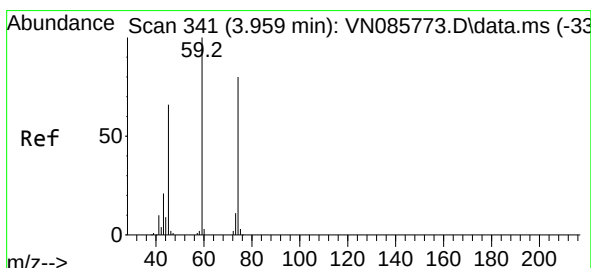
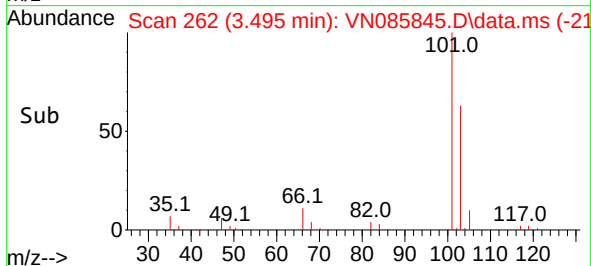
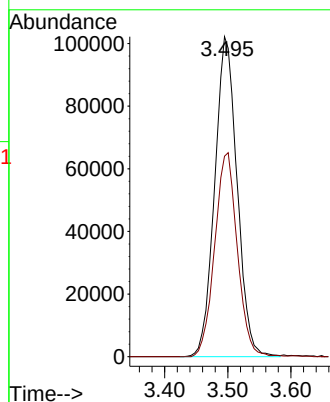
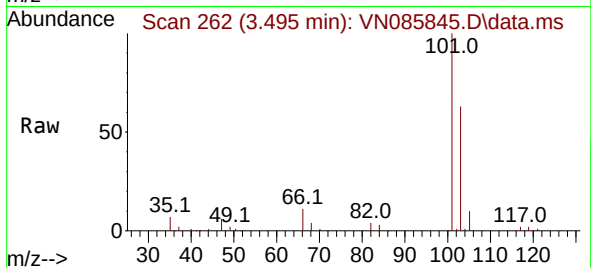
#7
 Trichlorofluoromethane
 Concen: 45.304 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 25197
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.2 78.4

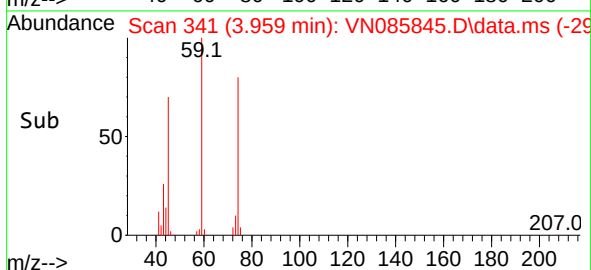
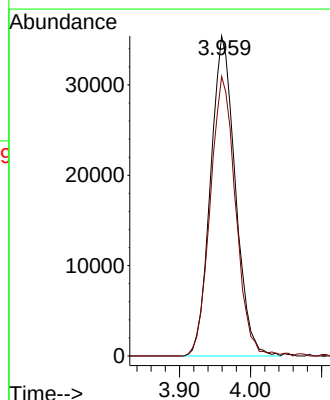
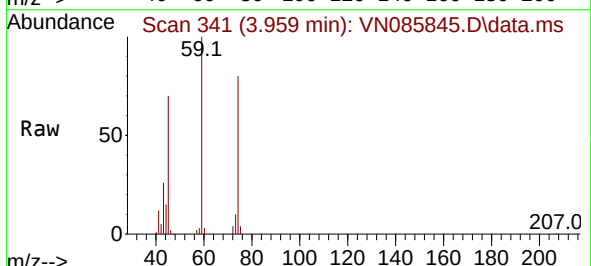
Manual Integrations
 APPROVED

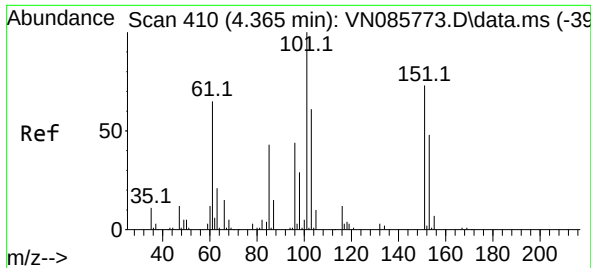
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#8
 Diethyl Ether
 Concen: 47.658 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Tgt Ion: 74 Resp: 85765
 Ion Ratio Lower Upper
 74 100
 45 89.4 42.5 127.6





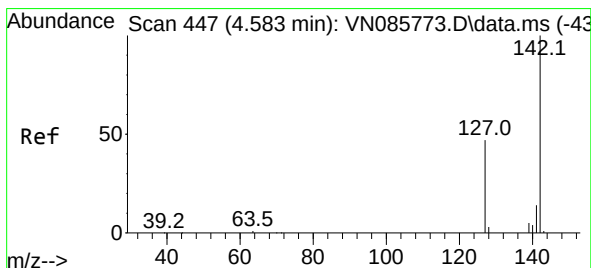
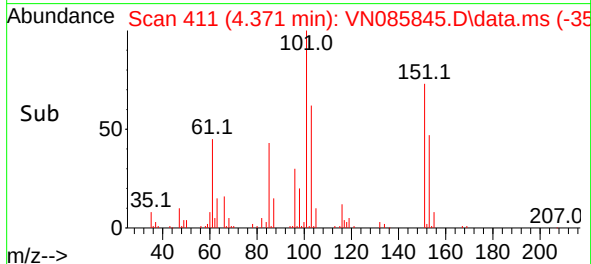
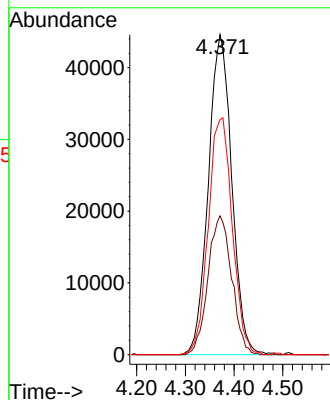
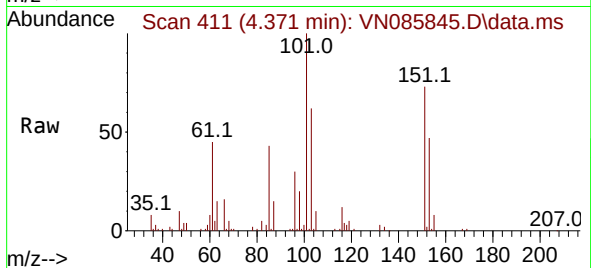
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.413 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14921
Ion Ratio Lower Upper
101 100
85 43.9 35.7 53.5
151 75.8 61.4 92.2

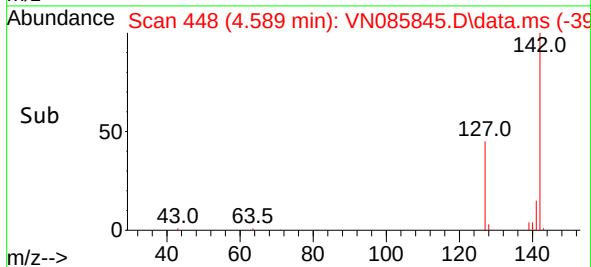
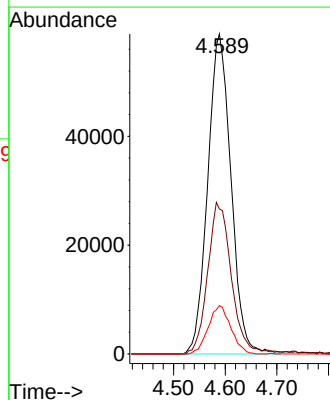
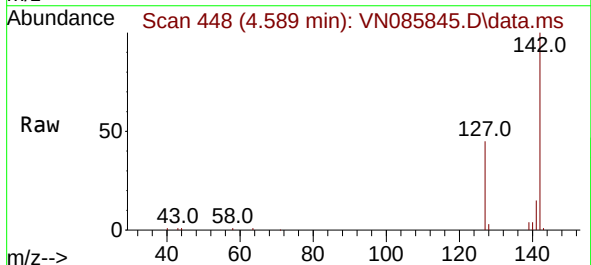
Manual Integrations
APPROVED

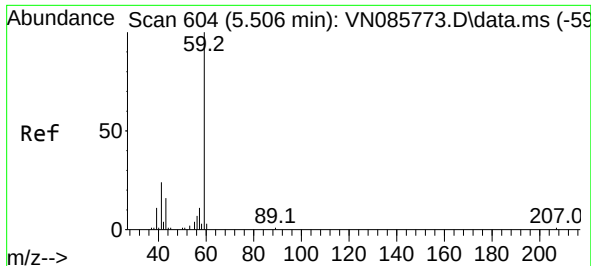
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#10
Methyl Iodide
Concen: 46.398 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

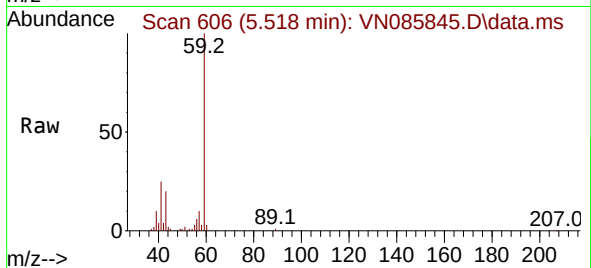
Tgt Ion:142 Resp: 183873
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 15.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 268.484 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

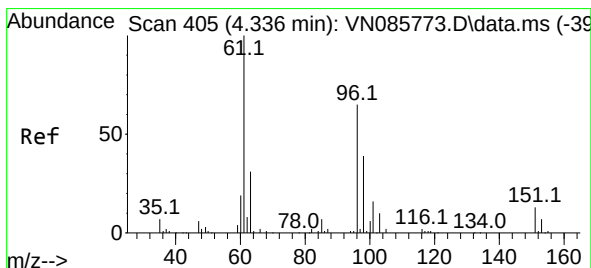
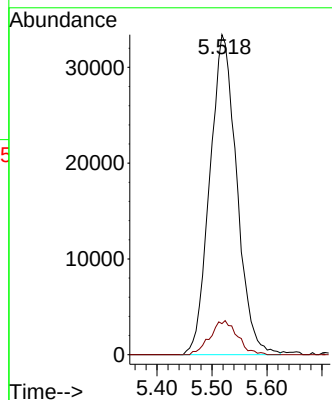
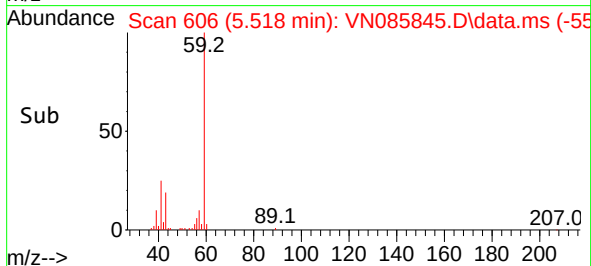
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



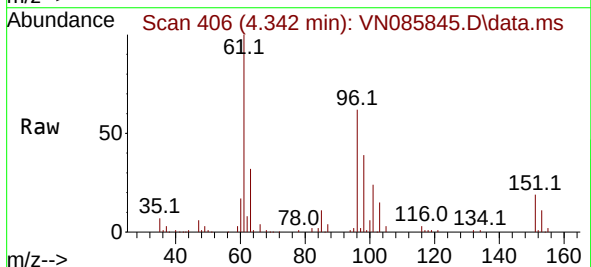
Tgt Ion: 59 Resp: 113803
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
APPROVED

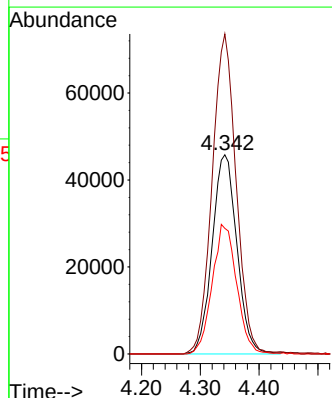
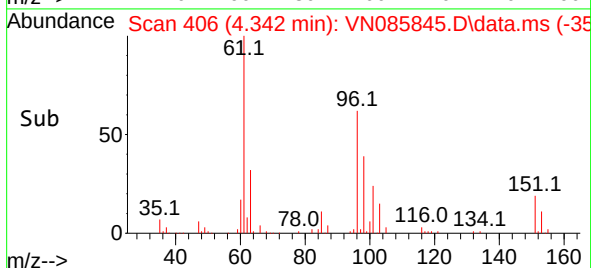
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

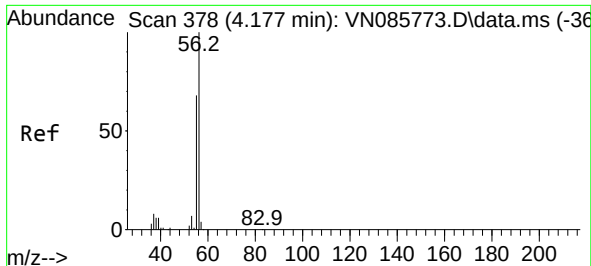


#12
1,1-Dichloroethene
Concen: 45.900 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



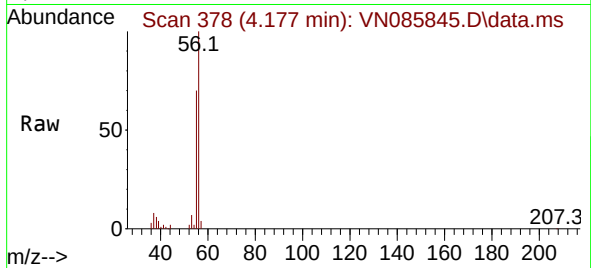
Tgt Ion: 96 Resp: 133803
Ion Ratio Lower Upper
96 100
61 160.6 123.3 184.9
98 63.1 48.6 72.8





#13
Acrolein
Concen: 268.230 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

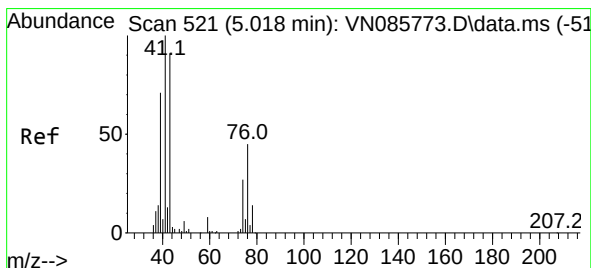
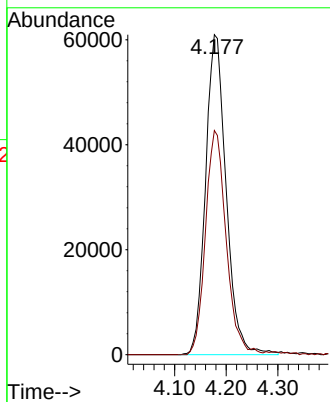
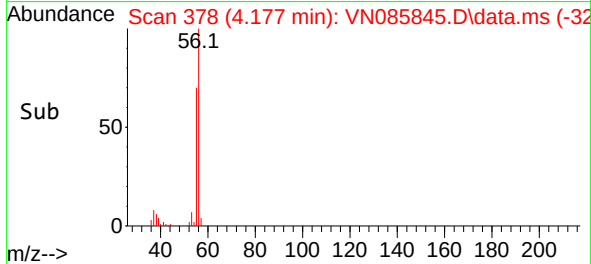
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



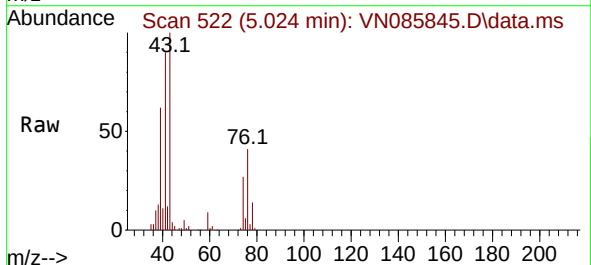
Tgt Ion: 56 Resp: 168600
Ion Ratio Lower Upper
56 100
55 70.3 55.3 82.9

Manual Integrations
APPROVED

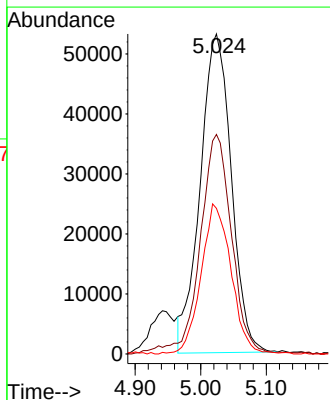
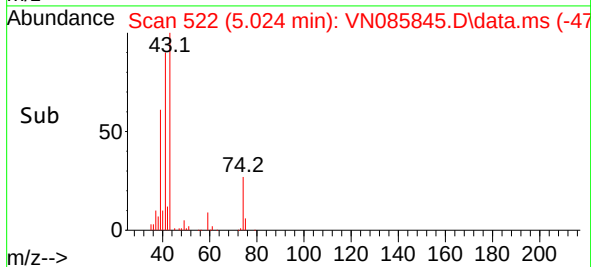
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

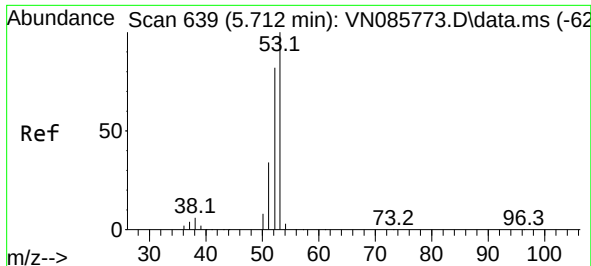


#14
Allyl chloride
Concen: 45.747 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



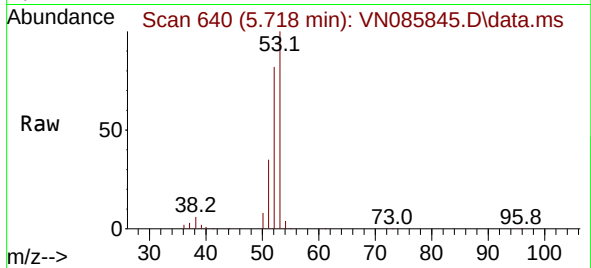
Tgt Ion: 41 Resp: 175085
Ion Ratio Lower Upper
41 100
39 70.0 57.4 86.2
76 45.4 36.2 54.2





#15
Acrylonitrile
Concen: 269.304 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

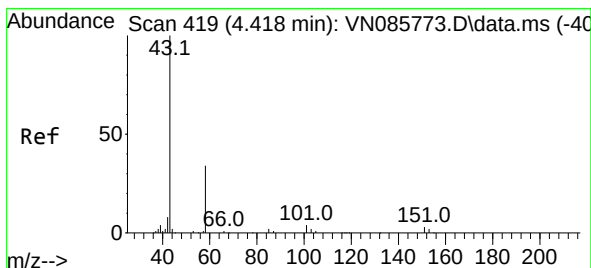
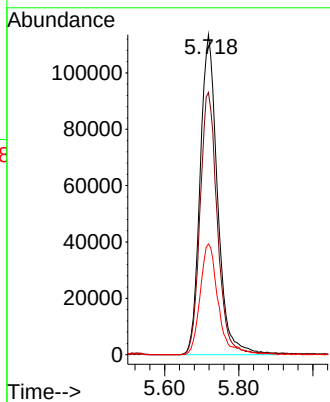
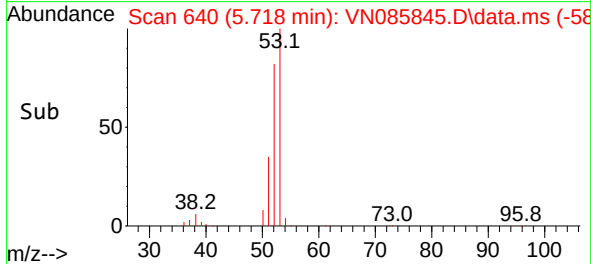
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 37108
Ion Ratio Lower Upper
53 100
52 81.0 65.8 98.6
51 35.8 28.6 42.8

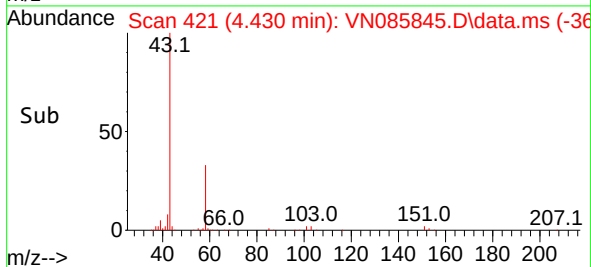
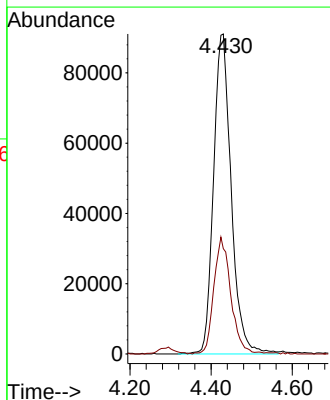
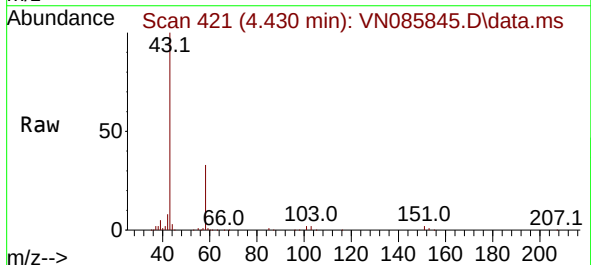
Manual Integrations
APPROVED

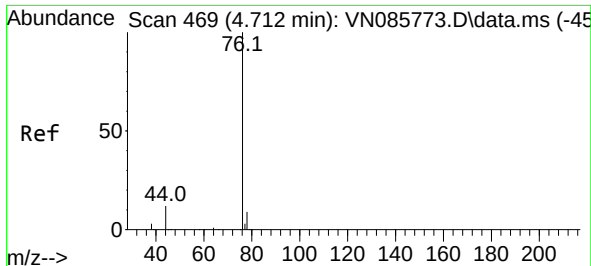
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#16
Acetone
Concen: 252.218 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

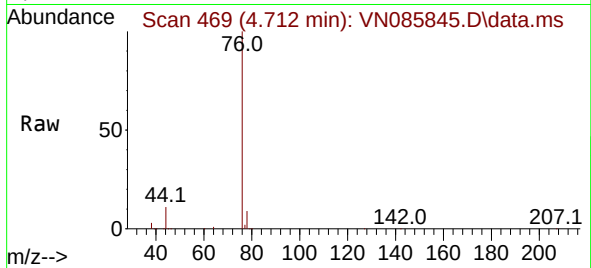
Tgt Ion: 43 Resp: 275033
Ion Ratio Lower Upper
43 100
58 32.6 27.5 41.3





#17
Carbon Disulfide
Concen: 41.402 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

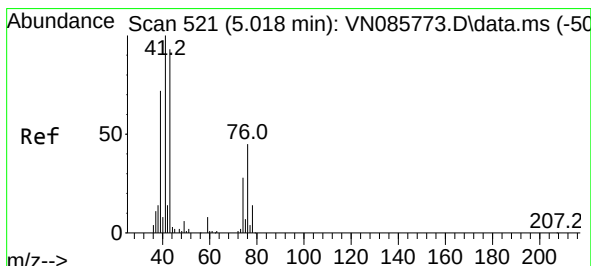
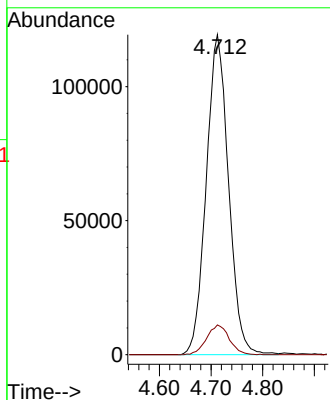
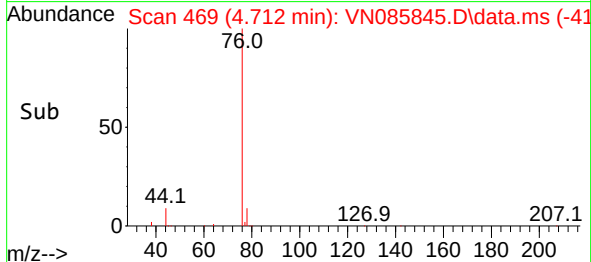
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



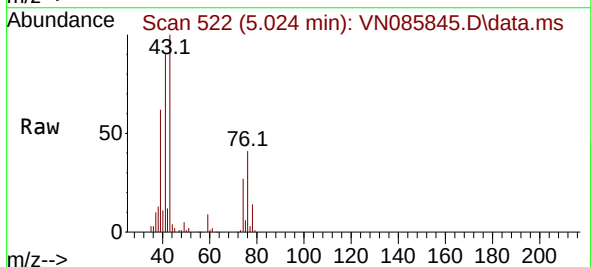
Tgt Ion: 76 Resp: 35768
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

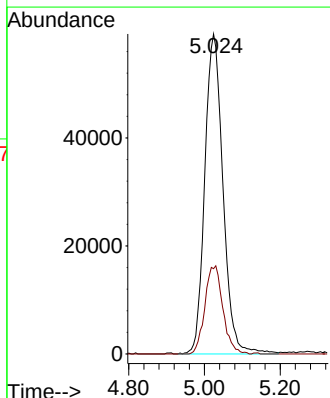
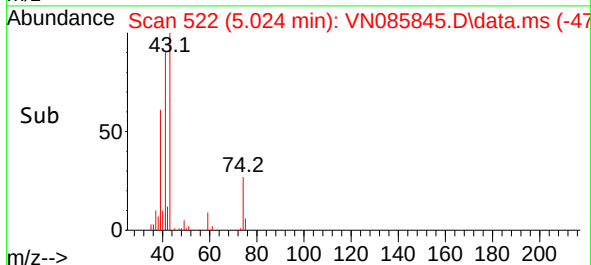
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

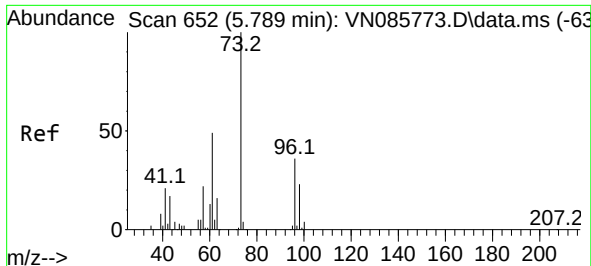


#18
Methyl Acetate
Concen: 52.636 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion: 43 Resp: 197420
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.4





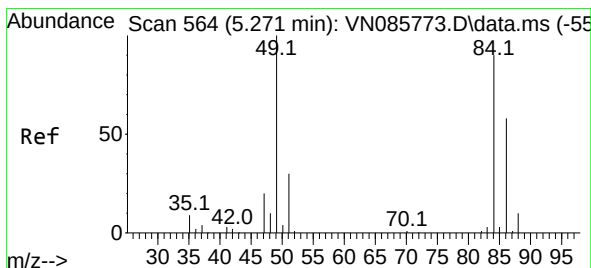
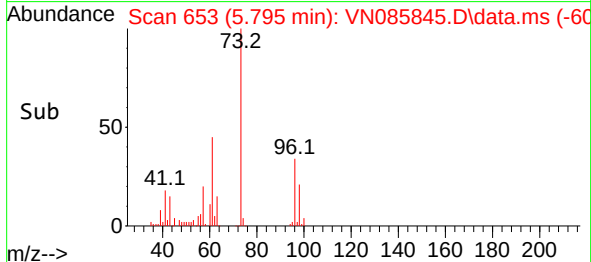
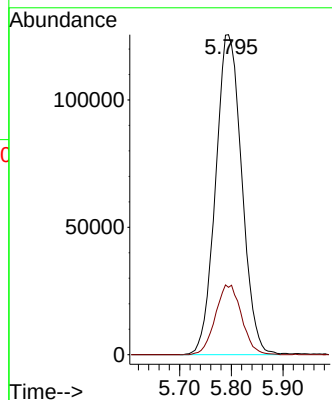
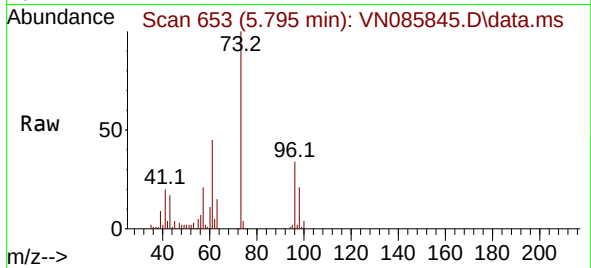
#19
Methyl tert-butyl Ether
Concen: 51.021 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 441960
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

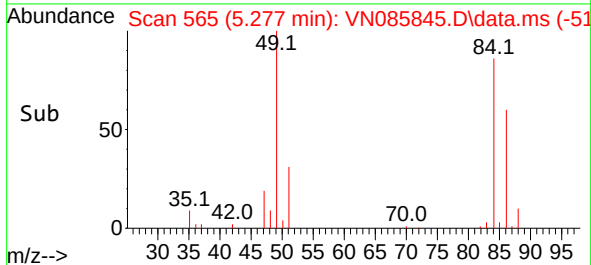
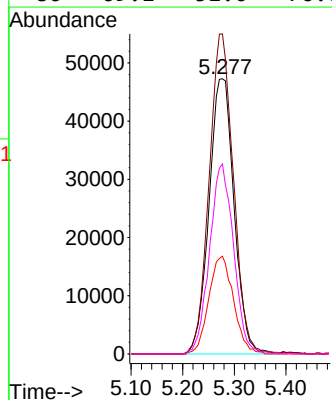
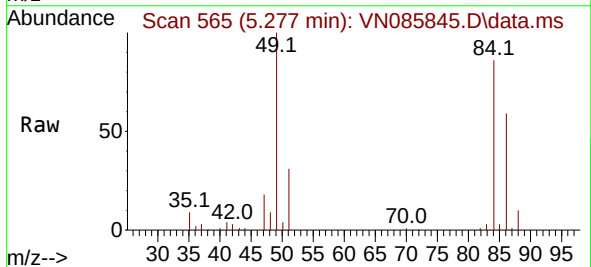
Manual Integrations
APPROVED

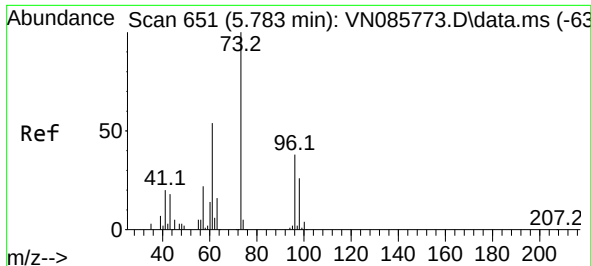
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#20
Methylene Chloride
Concen: 45.457 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

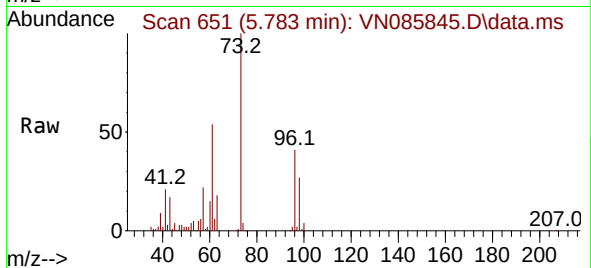
Tgt Ion: 84 Resp: 159408
Ion Ratio Lower Upper
84 100
49 116.3 88.4 132.6
51 35.5 26.6 40.0
86 69.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 45.555 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

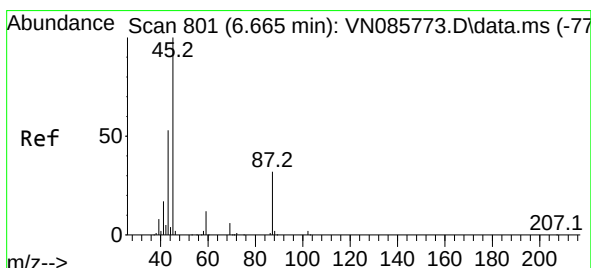
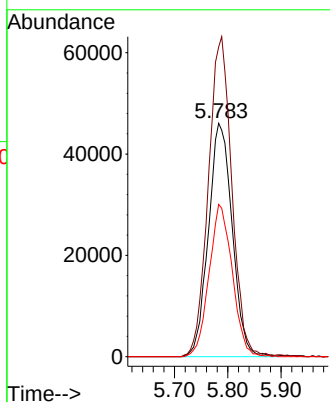
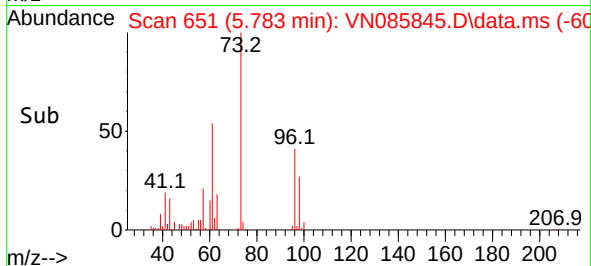
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 14299
Ion Ratio Lower Upper
96 100
61 132.7 112.6 168.8
98 65.2 53.3 79.9

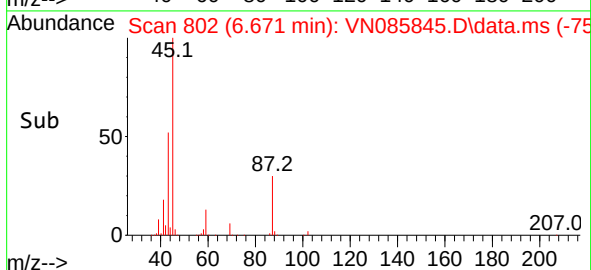
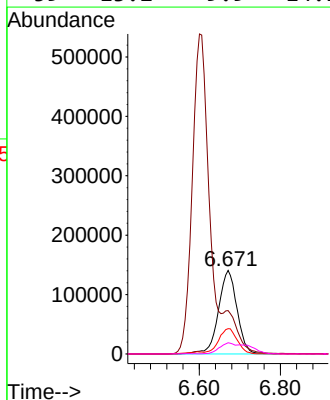
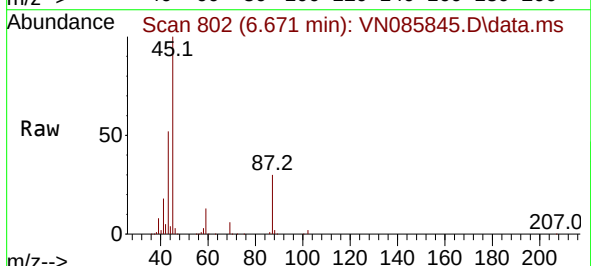
Manual Integrations
APPROVED

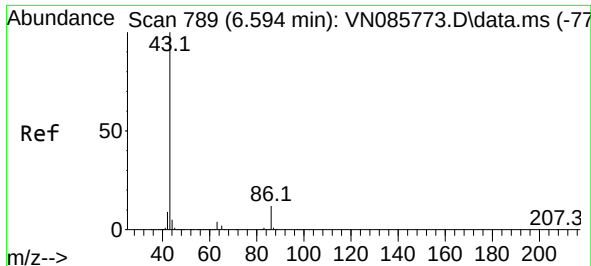
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#22
Diisopropyl ether
Concen: 51.720 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion: 45 Resp: 447281
Ion Ratio Lower Upper
45 100
43 51.4 42.6 64.0
87 30.2 25.8 38.8
59 13.2 9.9 14.9





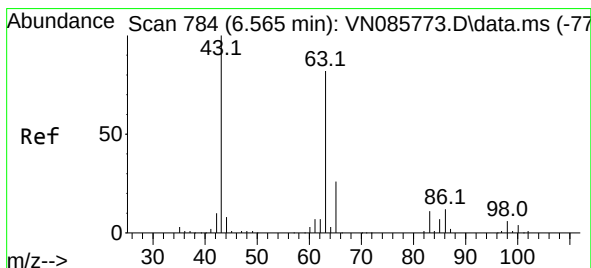
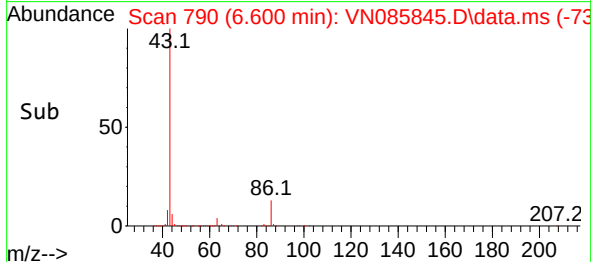
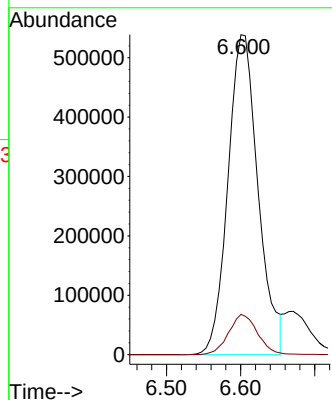
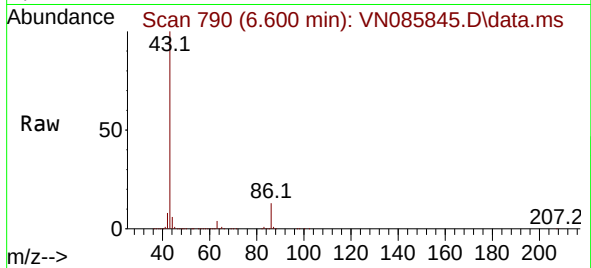
#23
 Vinyl Acetate
 Concen: 257.162 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 152275
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8

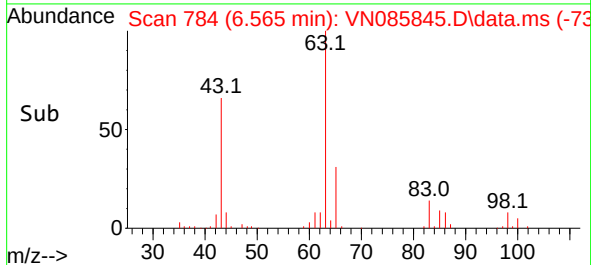
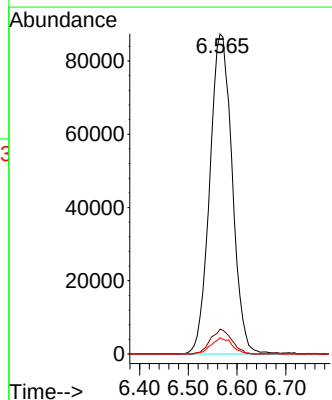
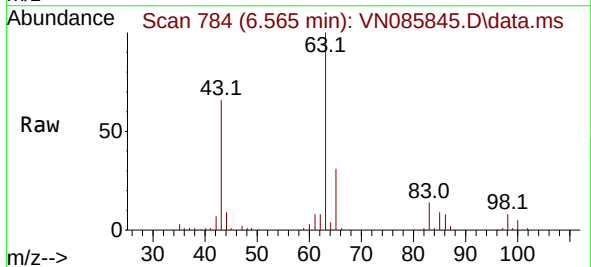
Manual Integrations
 APPROVED

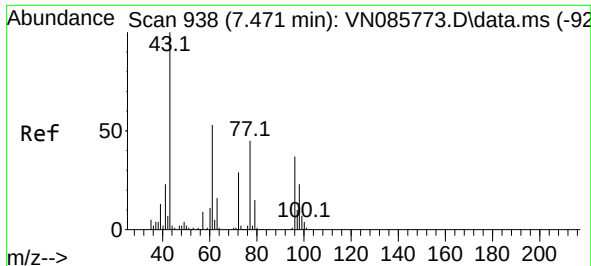
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#24
 1,1-Dichloroethane
 Concen: 47.421 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

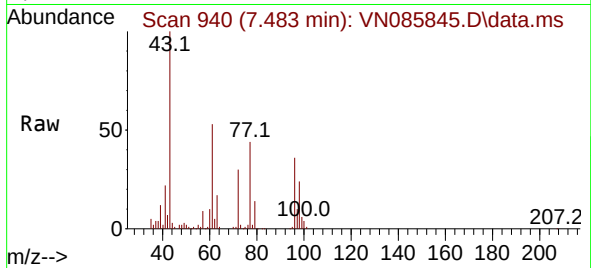
Tgt Ion: 63 Resp: 278783
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 273.635 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

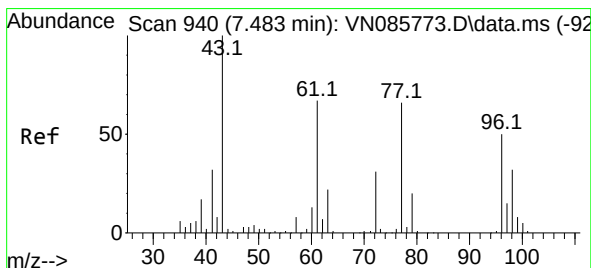
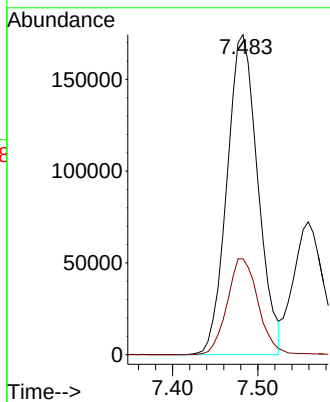
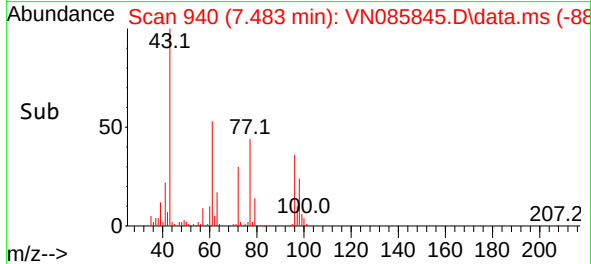
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



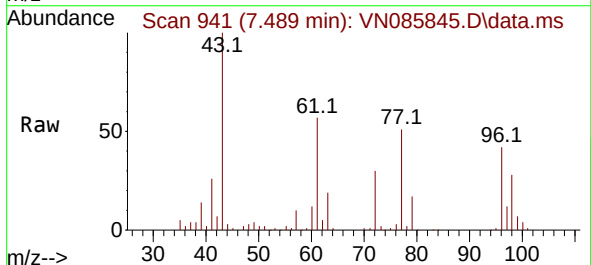
Tgt Ion: 43 Resp: 43898
Ion Ratio Lower Upper
43 100
72 30.0 23.6 35.4

Manual Integrations
APPROVED

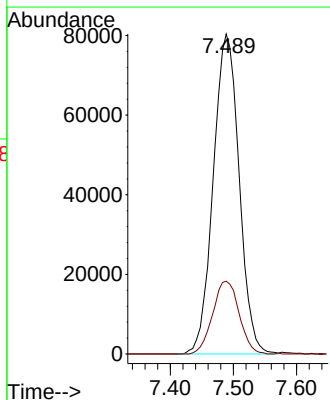
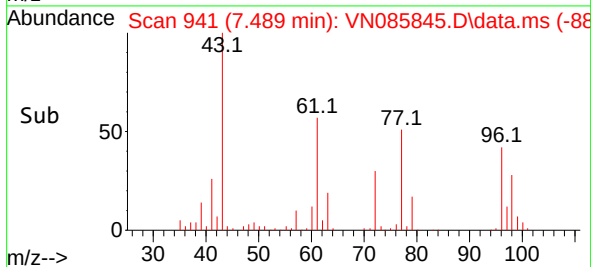
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

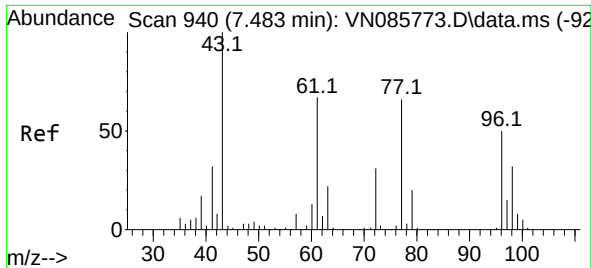


#26
2,2-Dichloropropane
Concen: 43.686 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



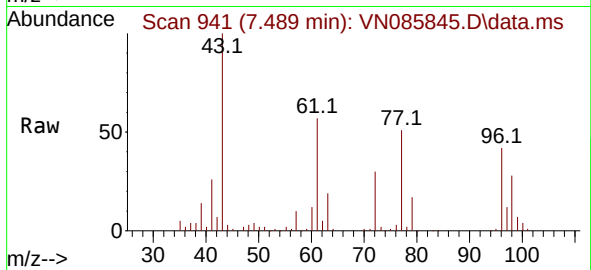
Tgt Ion: 77 Resp: 228375
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 47.710 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

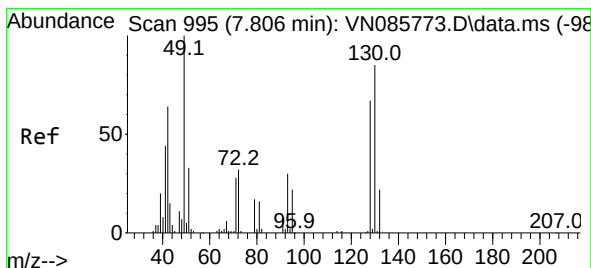
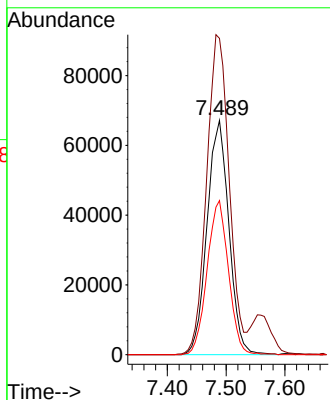
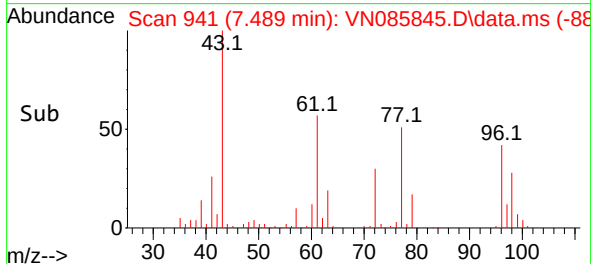
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 173640
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 280.6
 98 64.3 0.0 128.6

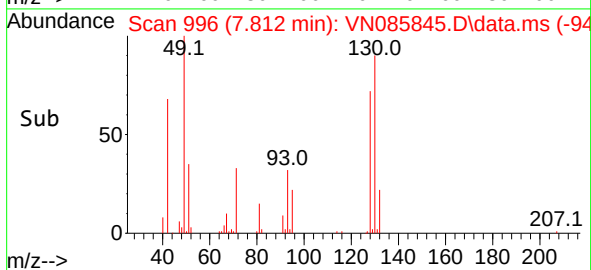
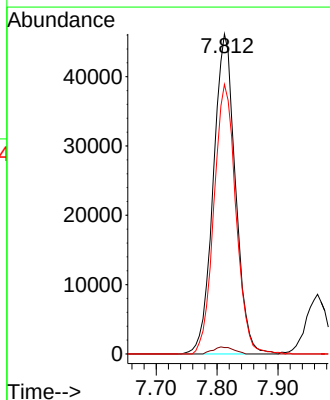
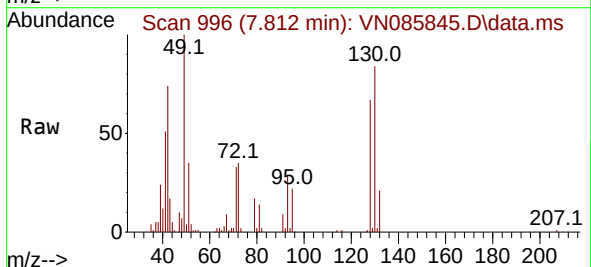
Manual Integrations
 APPROVED

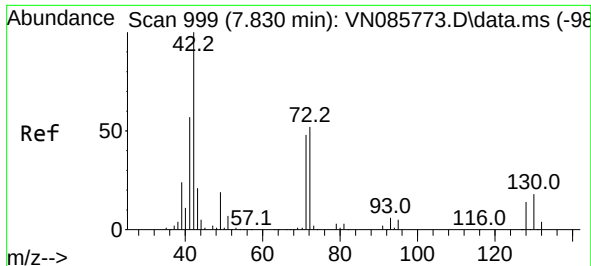
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#28
 Bromochloromethane
 Concen: 48.142 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Tgt Ion: 49 Resp: 116325
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.8 68.0 102.0





#29

Tetrahydrofuran

Concen: 290.549 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 30099

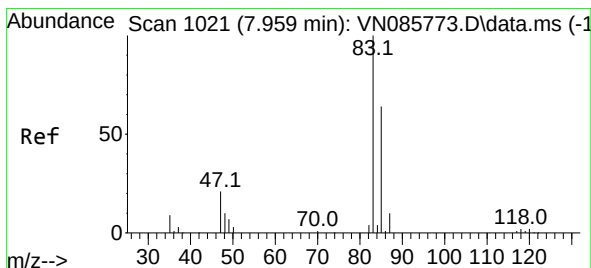
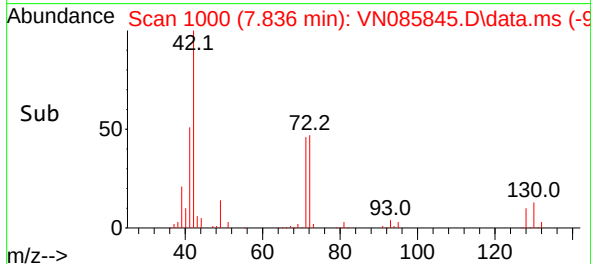
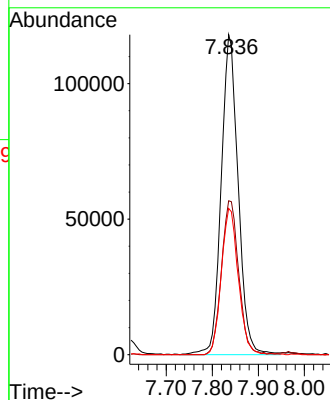
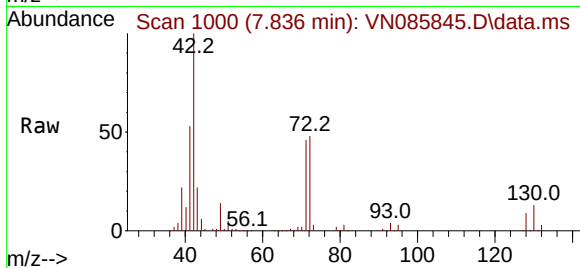
Ion	Ratio	Lower	Upper
42	100		
72	48.9	40.0	60.0
71	45.8	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#30

Chloroform

Concen: 46.976 ug/l

RT: 7.965 min Scan# 1022

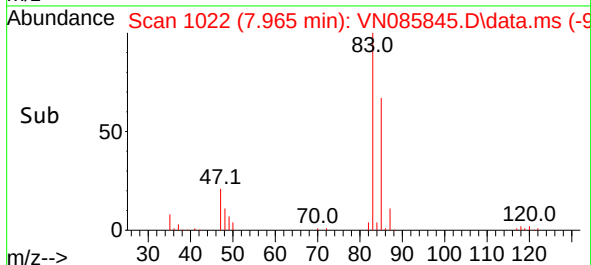
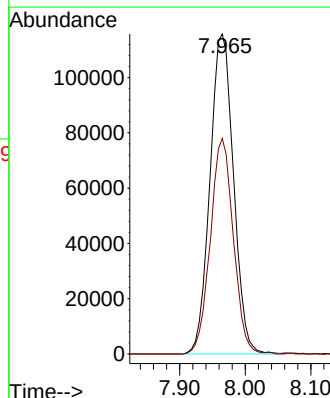
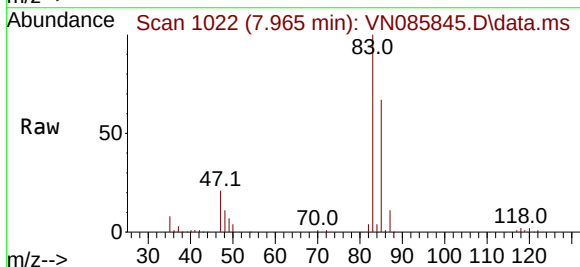
Delta R.T. 0.006 min

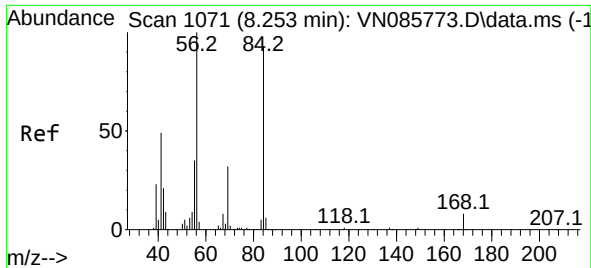
Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Tgt Ion: 83 Resp: 288604

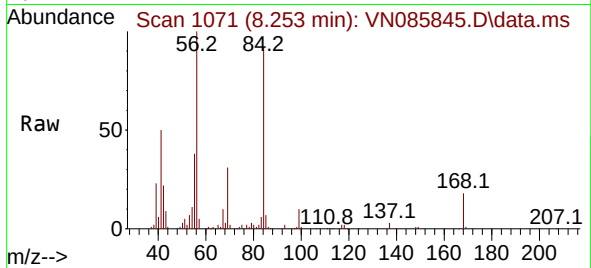
Ion	Ratio	Lower	Upper
83	100		
85	67.4	50.9	76.3





#31
Cyclohexane
Concen: 43.065 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

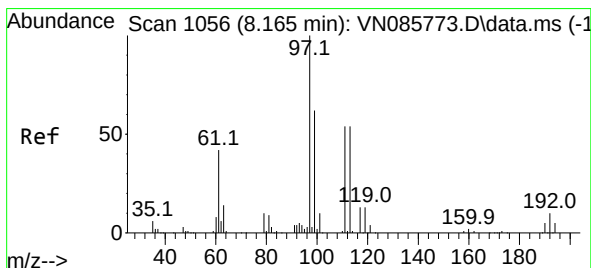
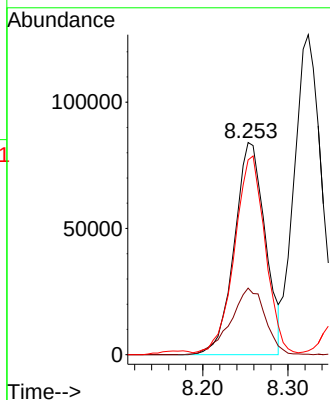
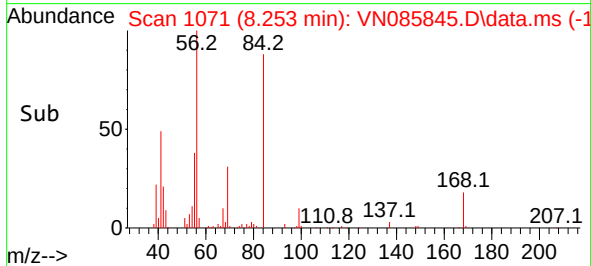
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



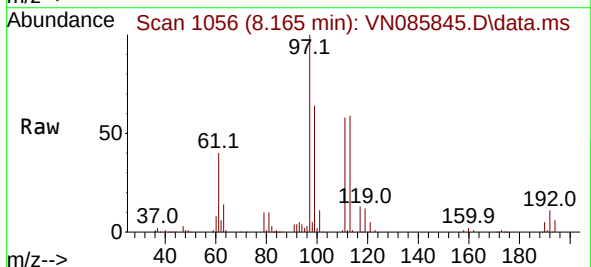
Tgt Ion: 56 Resp: 21197
Ion Ratio Lower Upper
56 100
69 31.3 25.8 38.6
84 90.2 74.5 111.7

Manual Integrations
APPROVED

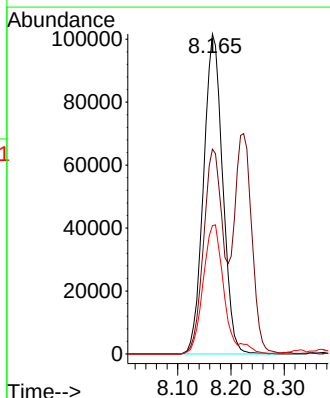
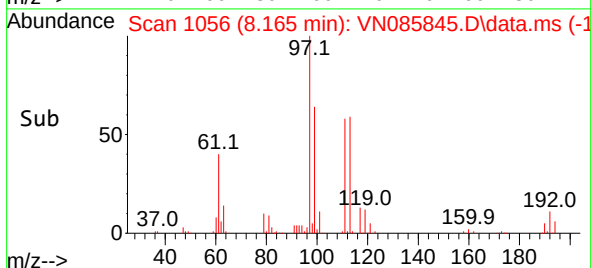
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

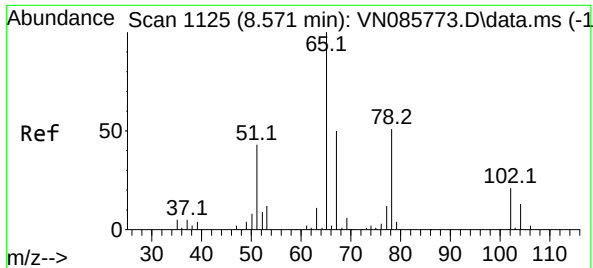


#32
1,1,1-Trichloroethane
Concen: 46.389 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion: 97 Resp: 253492
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 44.3 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 46.884 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

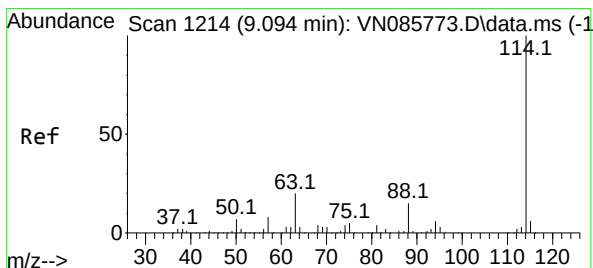
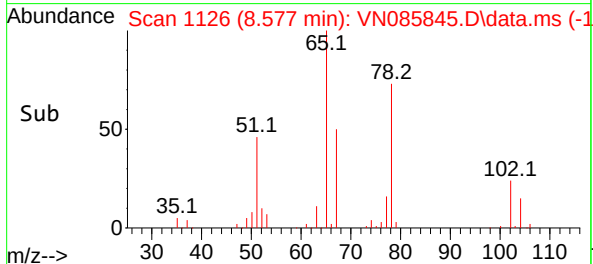
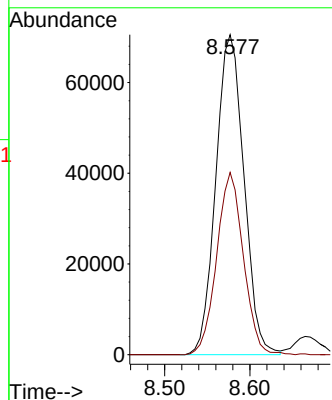
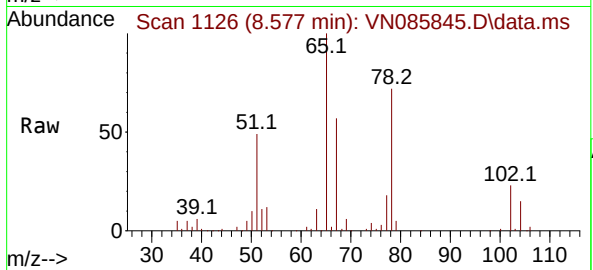
VSTDCCC050EC

Tgt Ion: 65 Resp: 161574
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.2

Manual Integrations

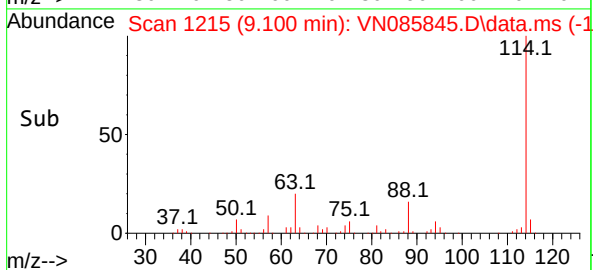
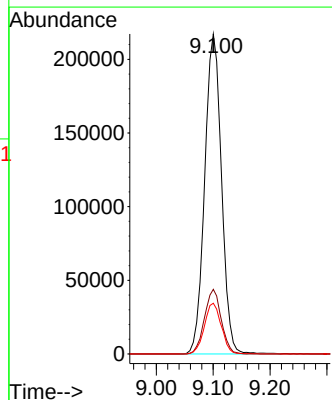
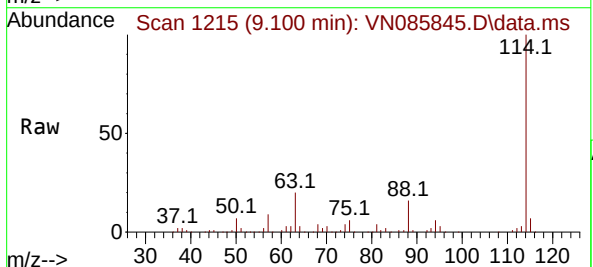
APPROVED

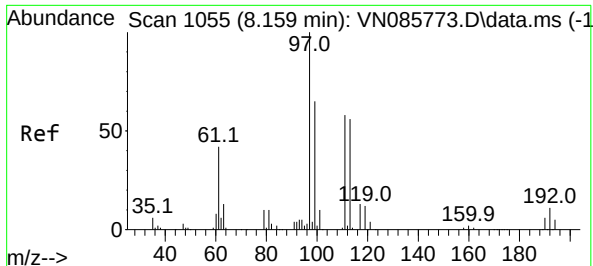
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion:114 Resp: 445010
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.735 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 13900

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

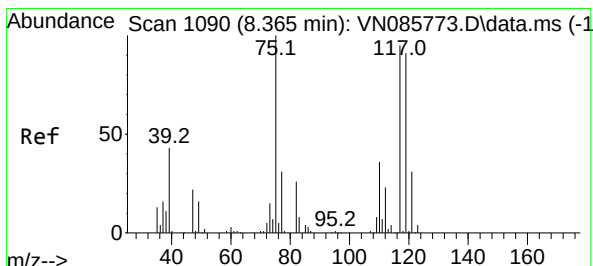
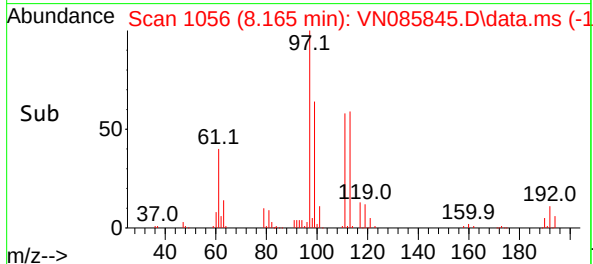
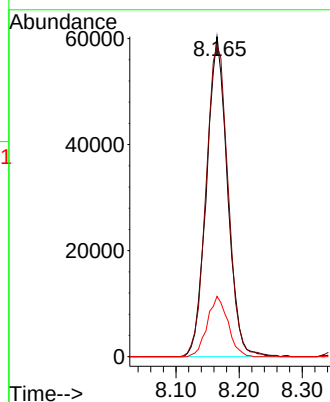
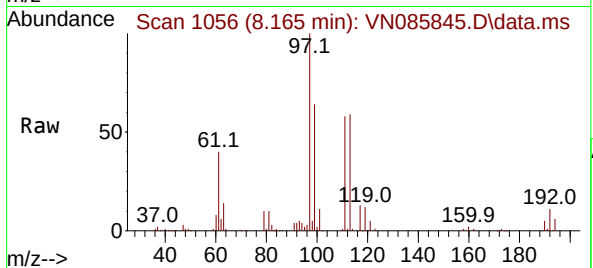
192 18.6 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#36

1,1-Dichloropropene

Concen: 47.229 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

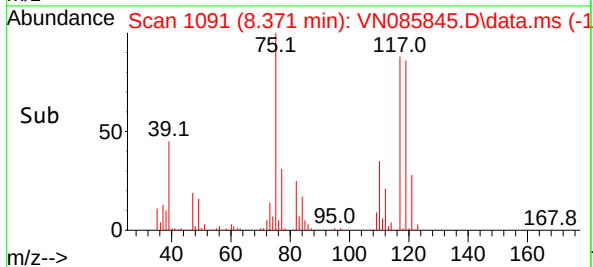
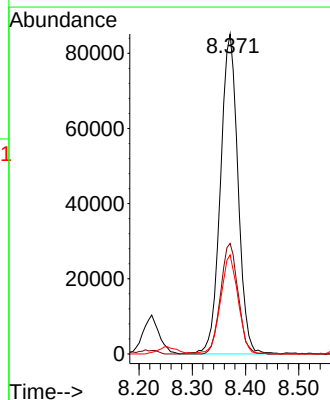
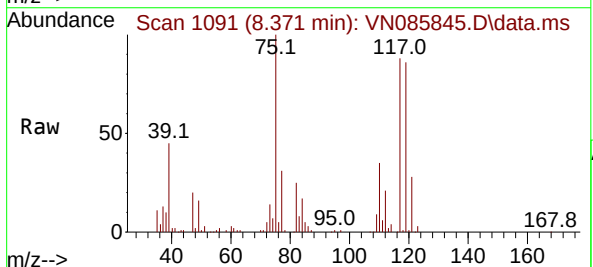
Tgt Ion: 75 Resp: 194641

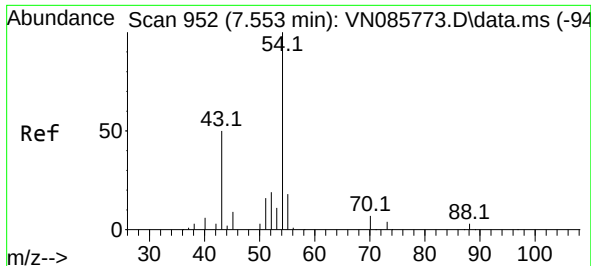
Ion Ratio Lower Upper

75 100

110 34.4 17.3 52.0

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 54.432 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 184600

Ion Ratio Lower Upper

43 100

61 14.3 12.2 18.2

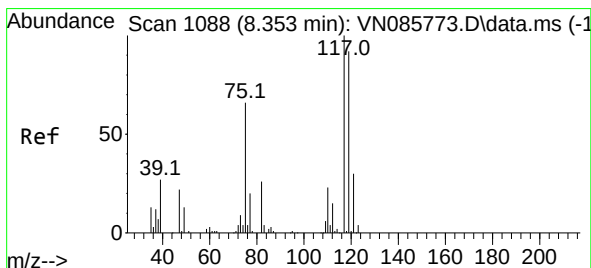
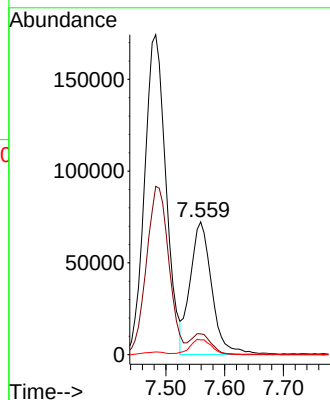
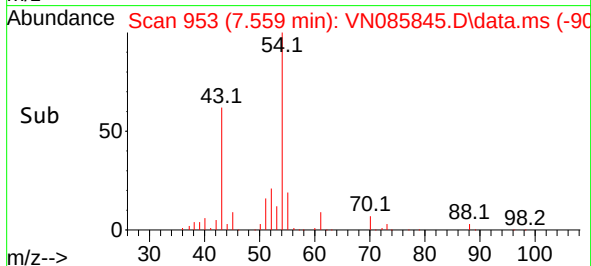
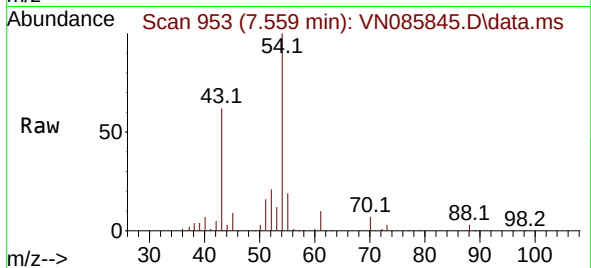
70 11.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#38

Carbon Tetrachloride

Concen: 46.764 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

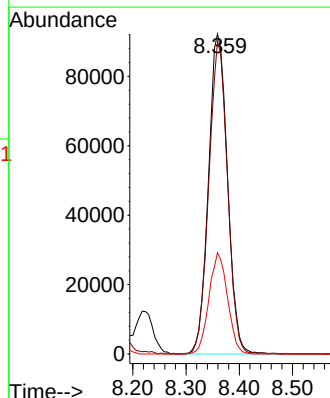
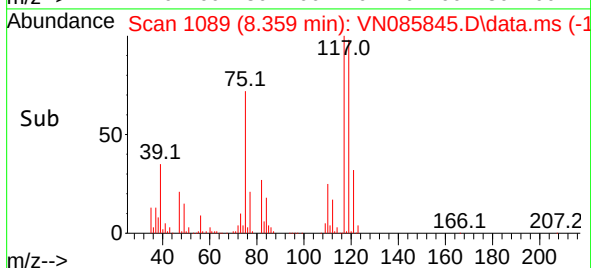
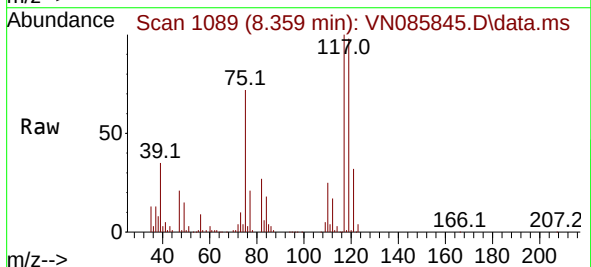
Tgt Ion:117 Resp: 228995

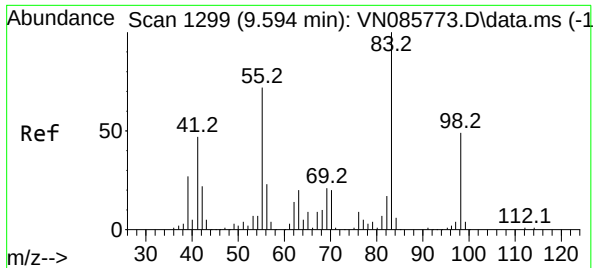
Ion Ratio Lower Upper

117 100

119 97.7 73.8 110.6

121 31.6 24.3 36.5





#39

Methylcyclohexane

Concen: 46.991 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

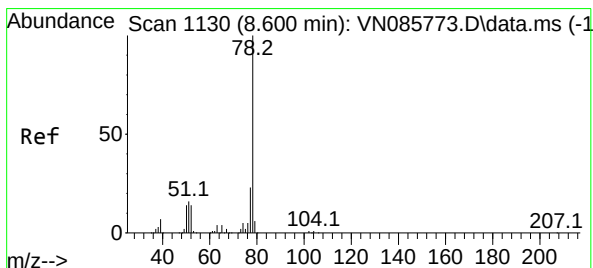
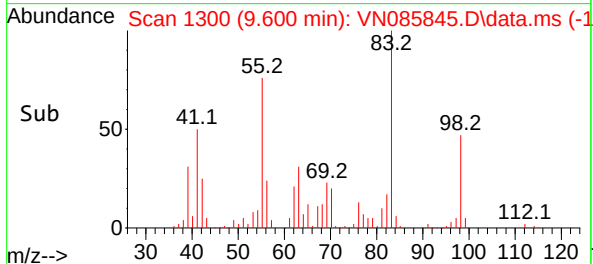
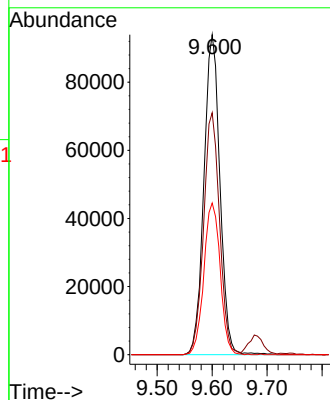
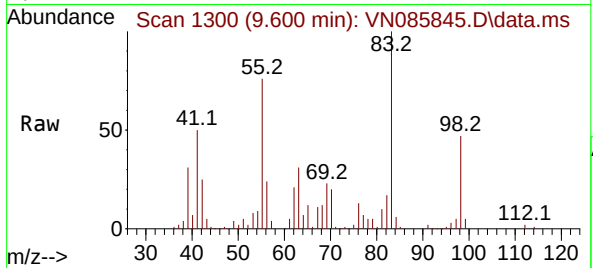
Tgt Ion: 83 Resp: 190250
 Ion Ratio Lower Upper
 83 100
 55 75.6 57.5 86.3
 98 47.4 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#40

Benzene

Concen: 48.094 ug/l

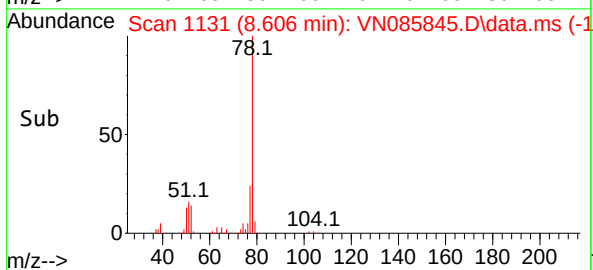
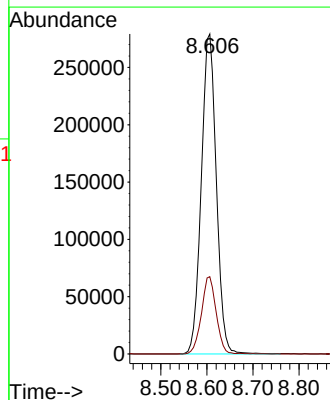
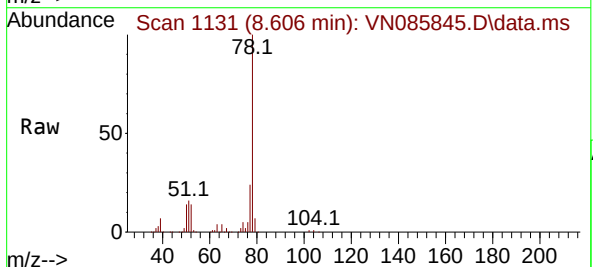
RT: 8.606 min Scan# 1131

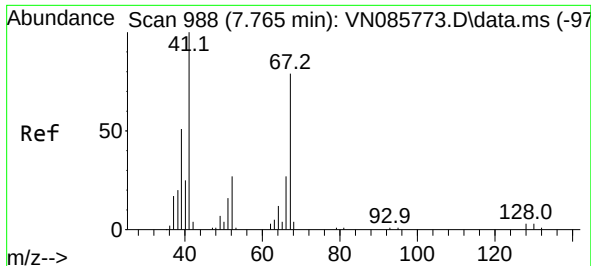
Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

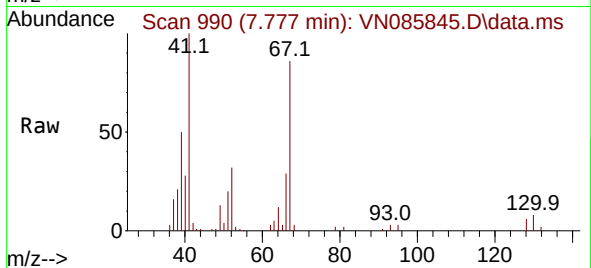
Tgt Ion: 78 Resp: 635254
 Ion Ratio Lower Upper
 78 100
 77 24.2 18.3 27.5





#41
Methacrylonitrile
Concen: 52.792 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

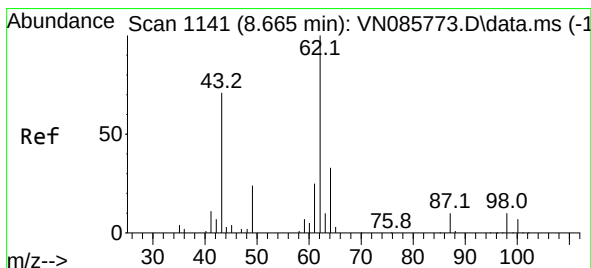
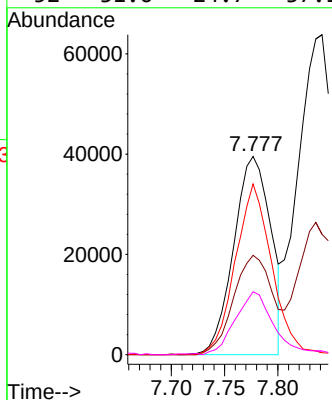
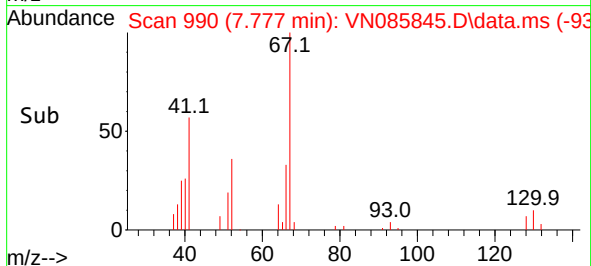
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 95712
Ion Ratio Lower Upper
41 100
39 54.3 42.0 63.0
67 84.5 64.2 96.4
52 31.6 24.7 37.1

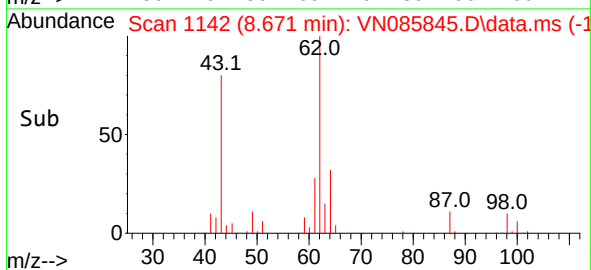
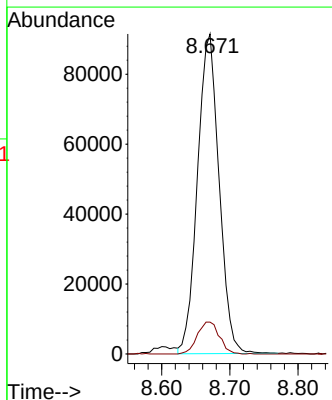
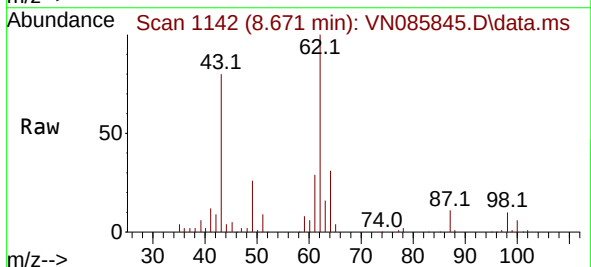
Manual Integrations
APPROVED

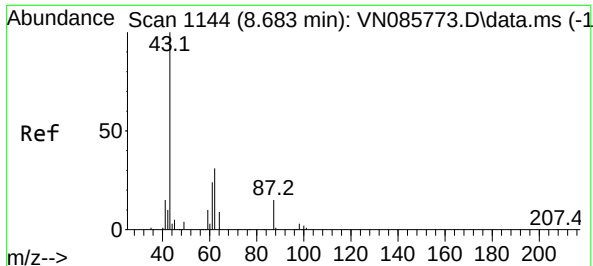
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#42
1,2-Dichloroethane
Concen: 46.772 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

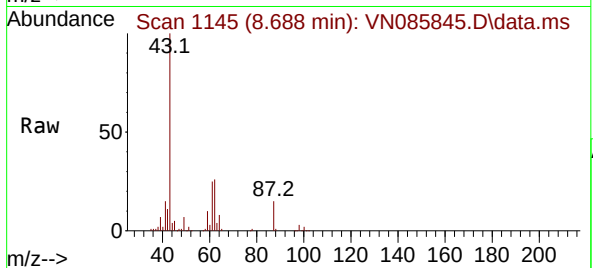
Tgt Ion: 62 Resp: 201234
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 57.085 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

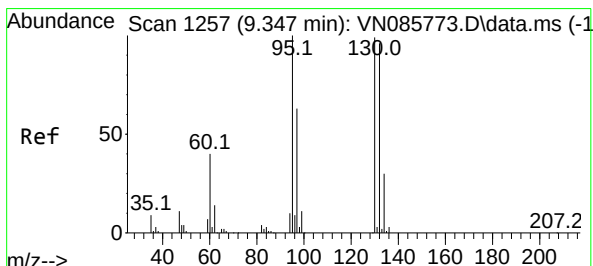
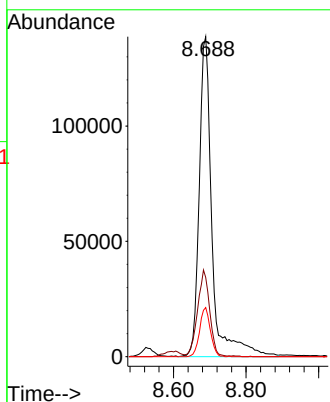
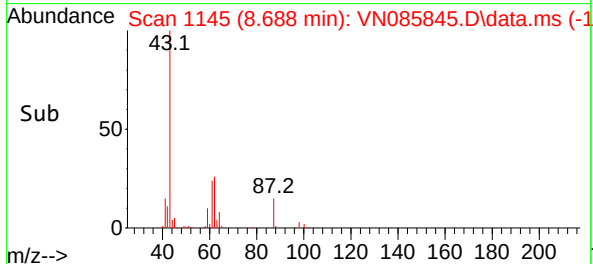
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



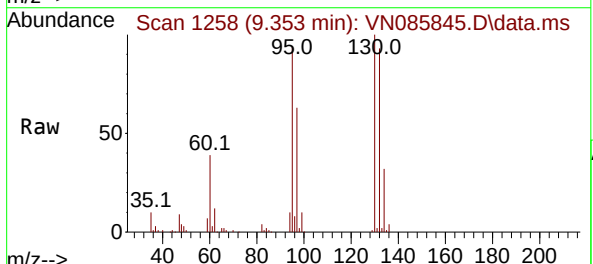
Tgt Ion: 43 Resp: 339309
Ion Ratio Lower Upper
43 100
61 25.2 22.6 34.0
87 12.9 11.8 17.8

Manual Integrations
APPROVED

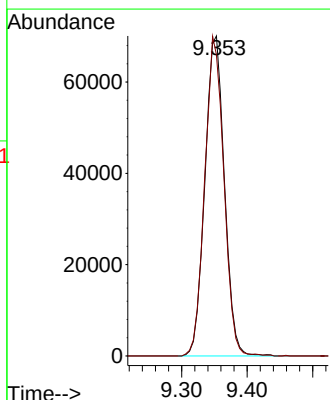
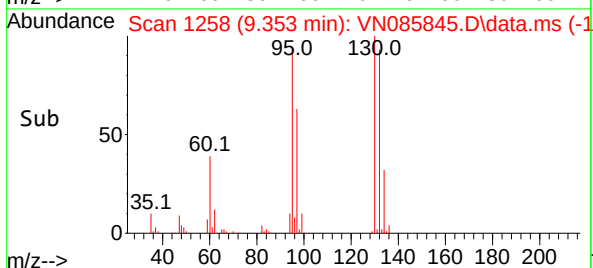
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

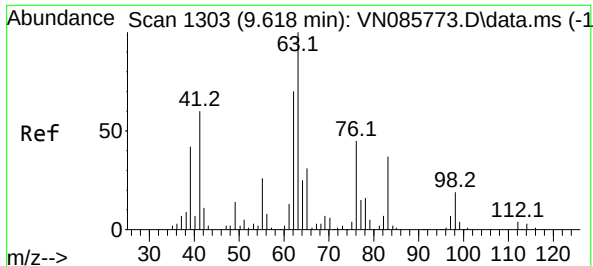


#44
Trichloroethene
Concen: 44.689 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion:130 Resp: 144932
Ion Ratio Lower Upper
130 100
95 94.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 49.588 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15810

Ion Ratio Lower Upper

63 100

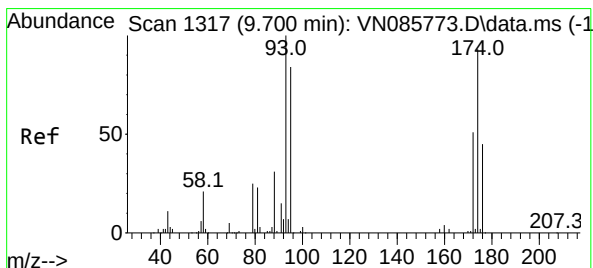
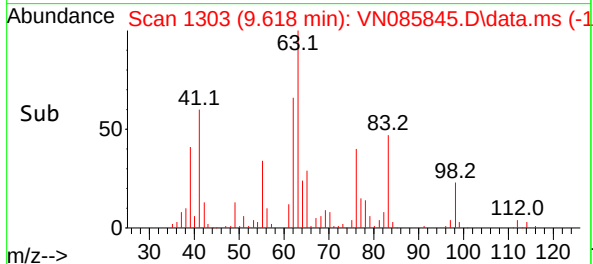
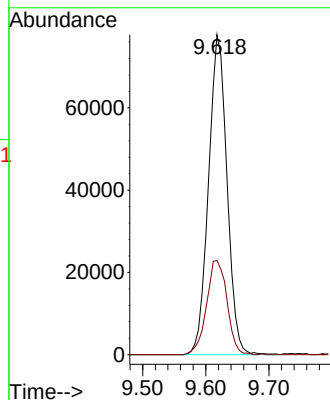
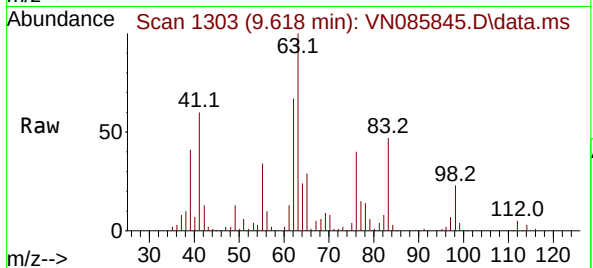
65 29.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#46

Dibromomethane

Concen: 49.361 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

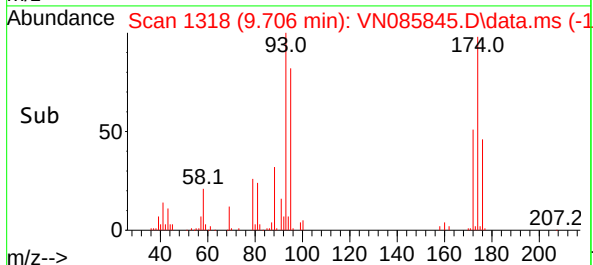
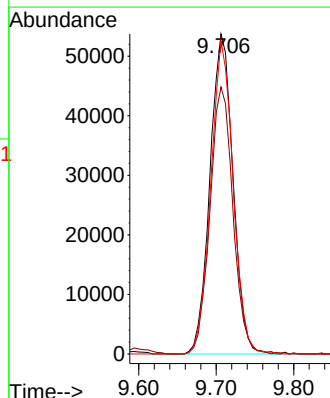
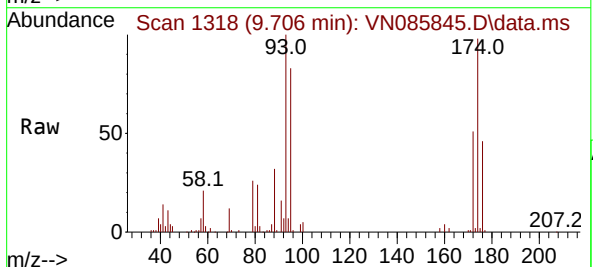
Tgt Ion: 93 Resp: 111010

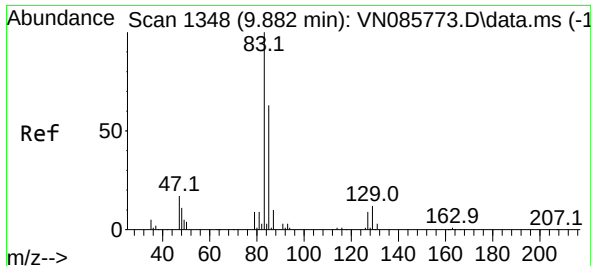
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 95.0 77.2 115.8





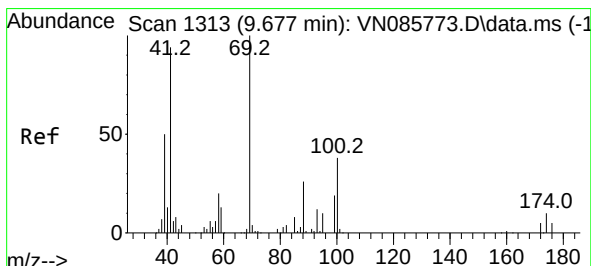
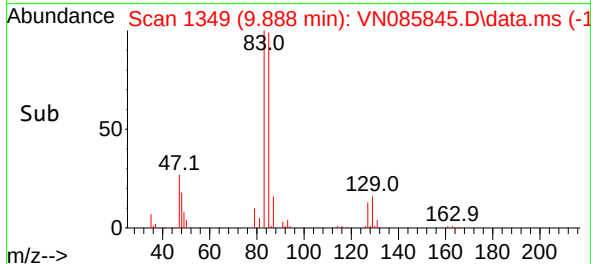
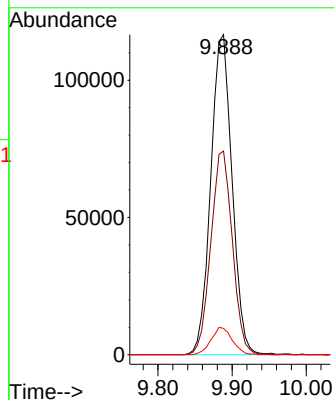
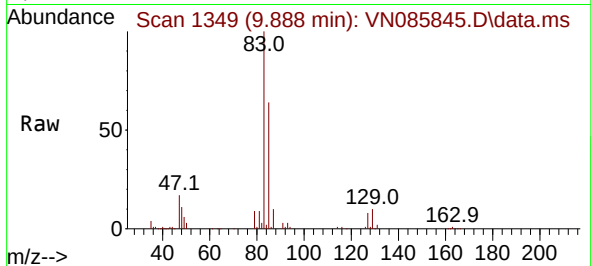
#47
Bromodichloromethane
Concen: 48.390 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 232828
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 8.2 7.2 10.8

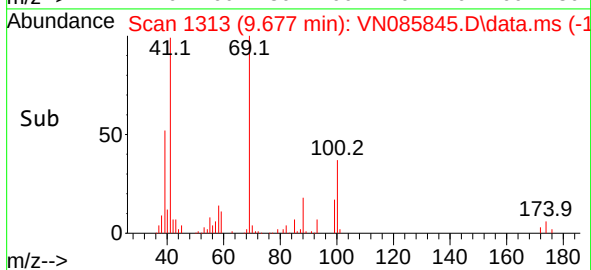
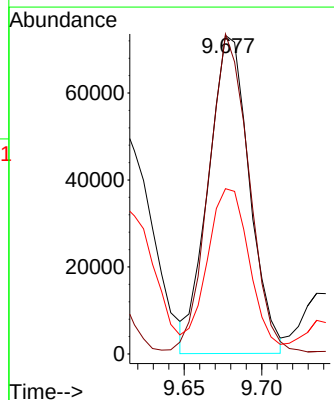
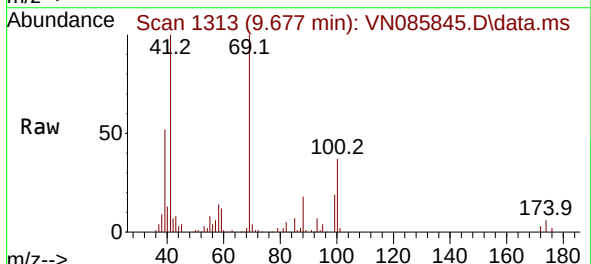
Manual Integrations
APPROVED

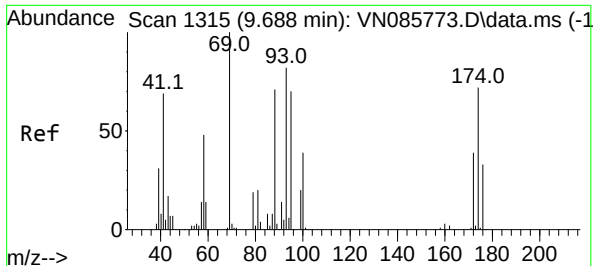
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#48
Methyl methacrylate
Concen: 53.531 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion: 41 Resp: 134829
Ion Ratio Lower Upper
41 100
69 98.9 76.0 114.0
39 54.3 42.3 63.5





#49

1,4-Dioxane

Concen: 1226.979 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5876

Ion Ratio Lower Upper

88 100

43 27.9 18.6 27.8

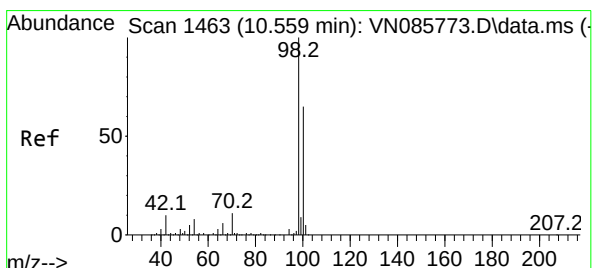
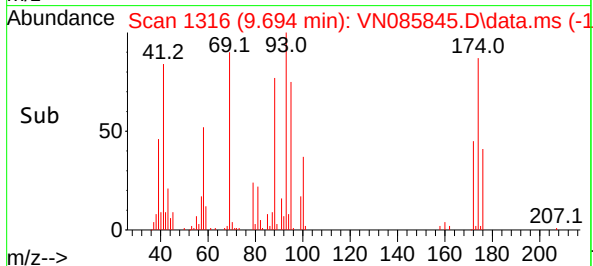
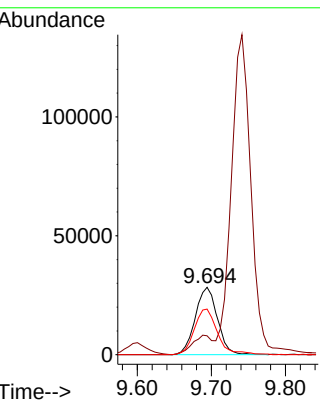
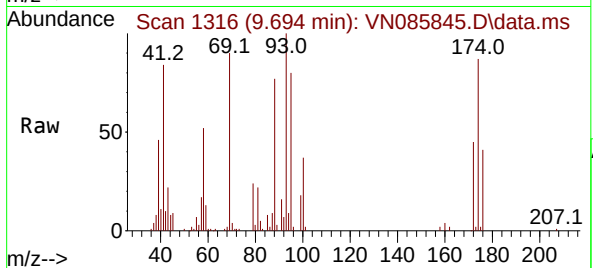
58 71.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#50

Toluene-d8

Concen: 48.982 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085845.D

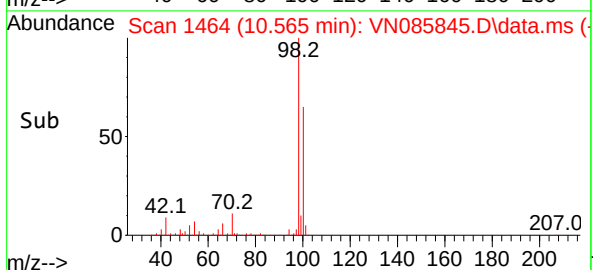
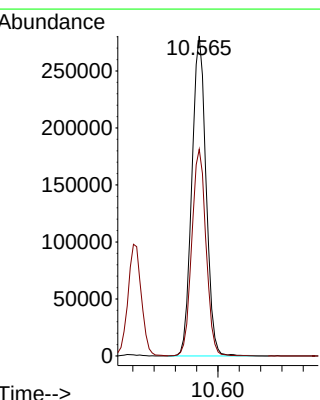
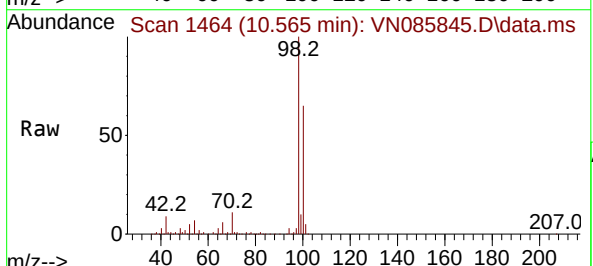
Acq: 24 Feb 2025 18:26

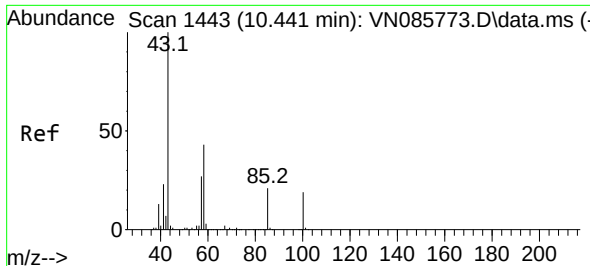
Tgt Ion: 98 Resp: 518945

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1





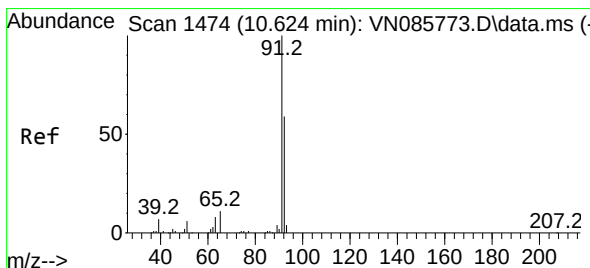
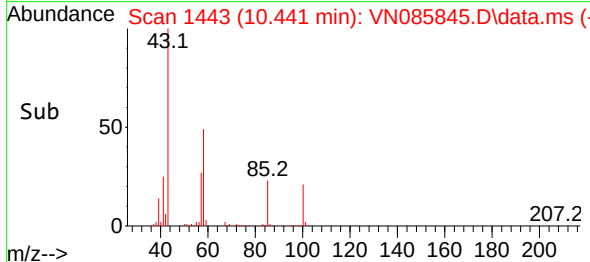
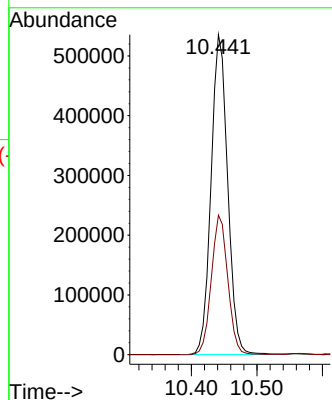
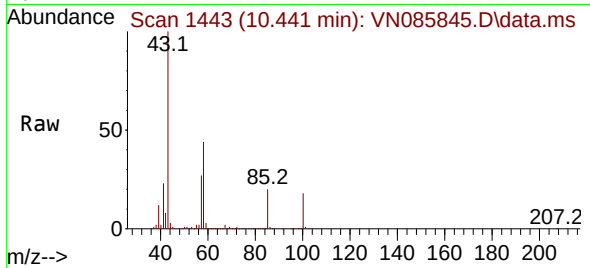
#51
4-Methyl-2-Pentanone
Concen: 287.877 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 941311
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

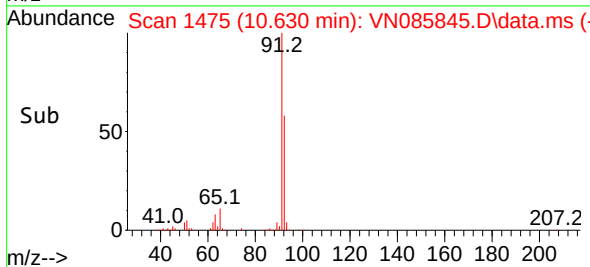
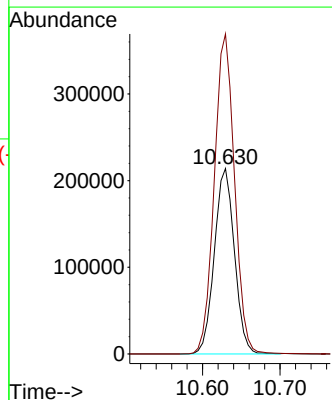
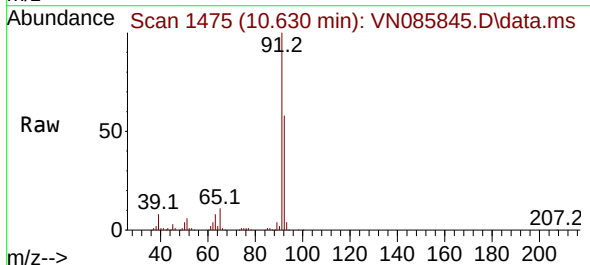
Manual Integrations
APPROVED

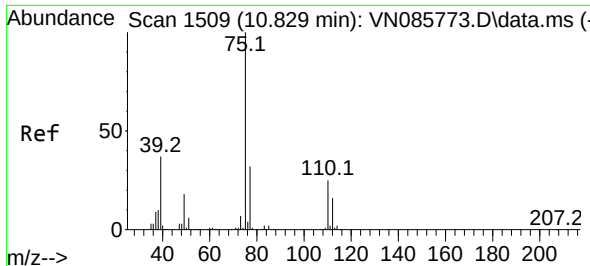
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#52
Toluene
Concen: 49.920 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

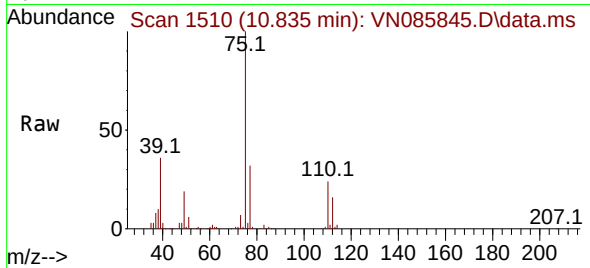
Tgt Ion: 92 Resp: 386518
Ion Ratio Lower Upper
92 100
91 174.0 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 50.623 ug/l
RT: 10.835 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

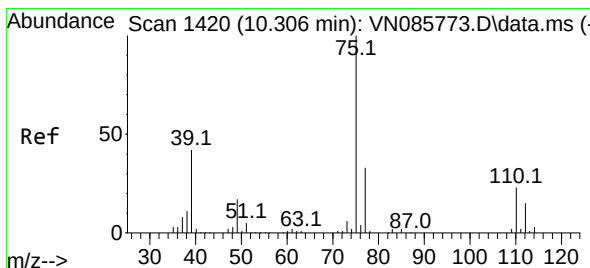
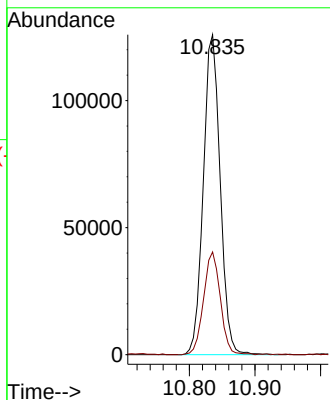
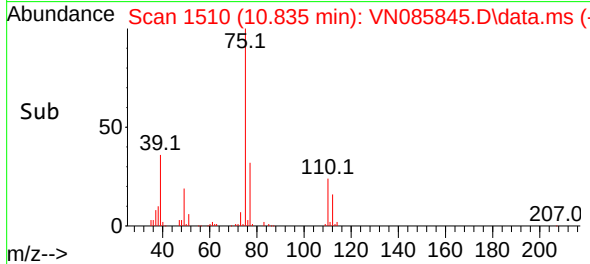
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 225229
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

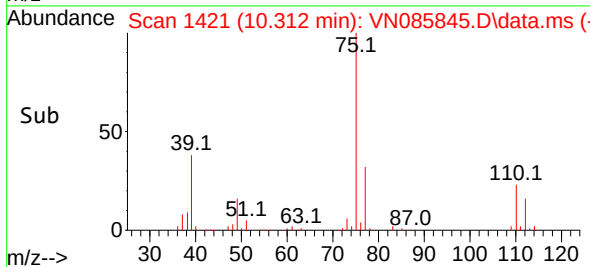
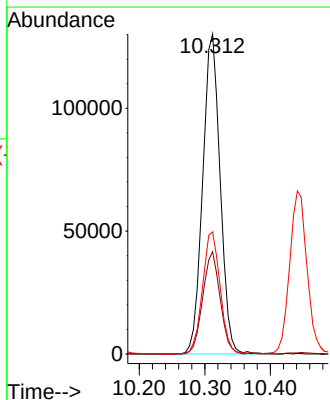
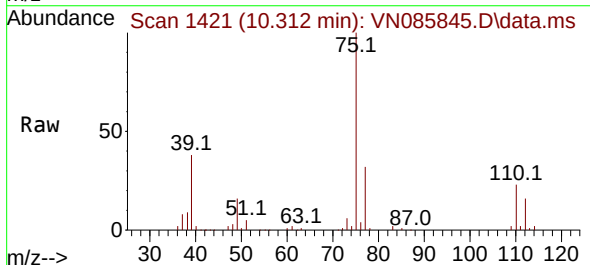
Manual Integrations
APPROVED

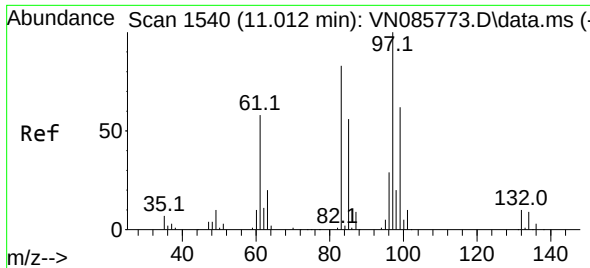
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#54
cis-1,3-Dichloropropene
Concen: 49.510 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

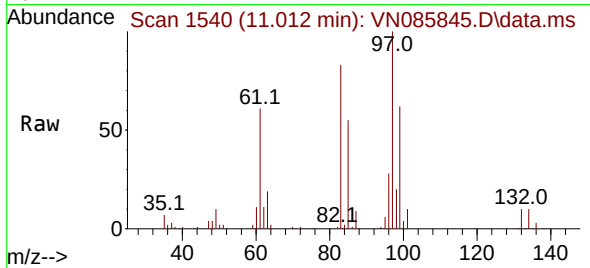
Tgt Ion: 75 Resp: 241548
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 38.0 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 49.527 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

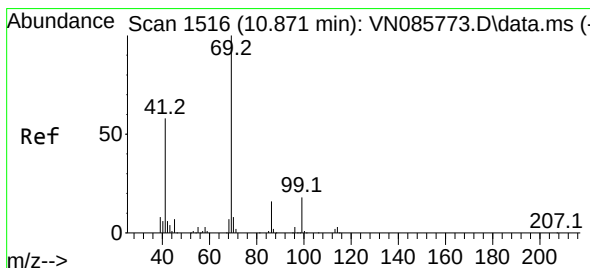
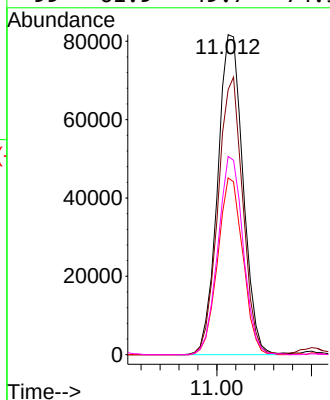
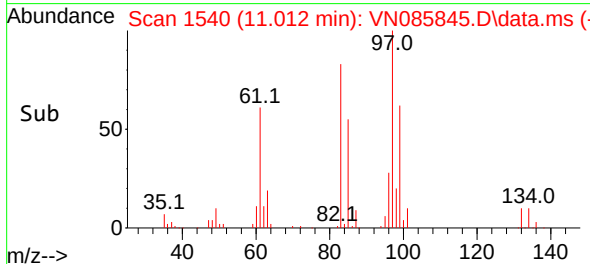
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



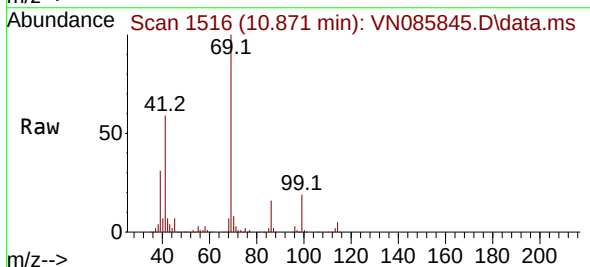
Tgt Ion: 97 Resp: 152468
Ion Ratio Lower Upper
97 100
83 82.8 66.1 99.1
85 55.2 44.7 67.1
99 61.9 49.7 74.5

Manual Integrations
APPROVED

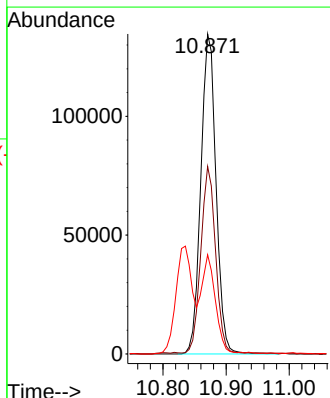
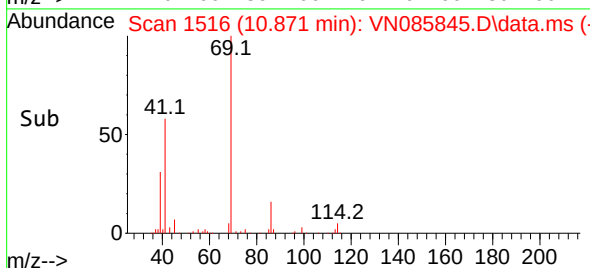
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

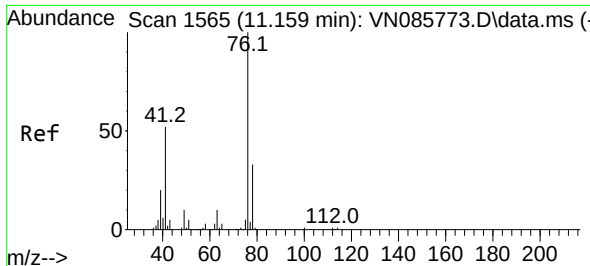


#56
Ethyl methacrylate
Concen: 50.770 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion: 69 Resp: 225146
Ion Ratio Lower Upper
69 100
41 56.3 46.0 69.0
39 27.8 22.0 33.0





#57

1,3-Dichloropropane

Concen: 50.298 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085845.D

Acq: 24 Feb 2025 18:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25848

Ion Ratio Lower Upper

76 100

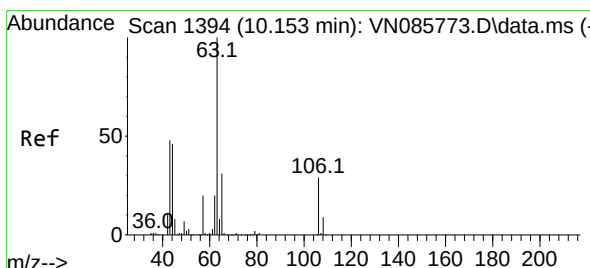
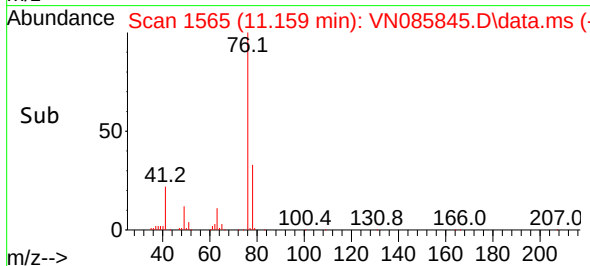
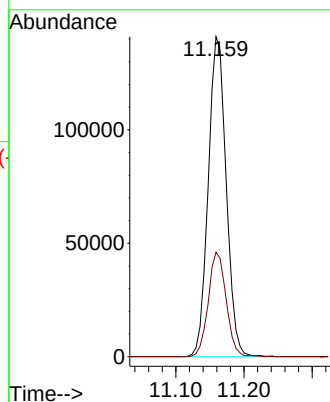
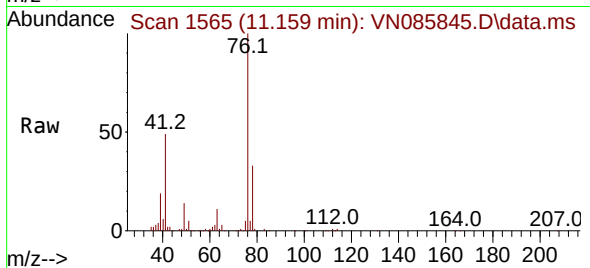
78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2025

Supervised By :Mahesh Dadoda 02/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 291.642 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085845.D

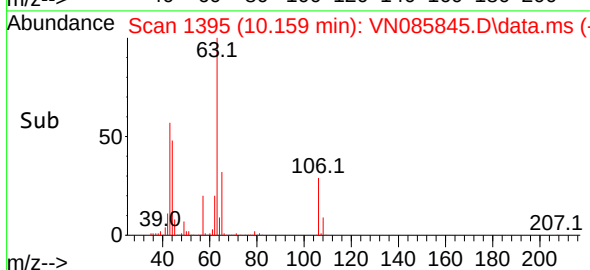
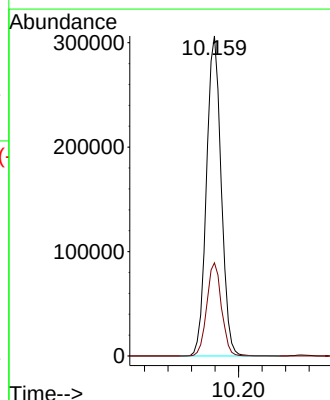
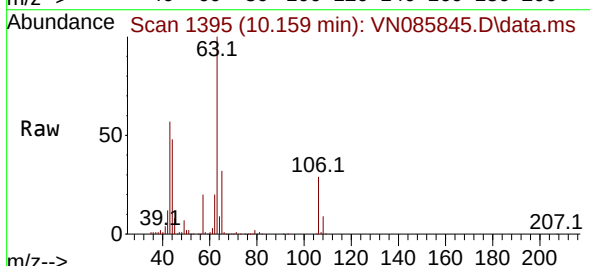
Acq: 24 Feb 2025 18:26

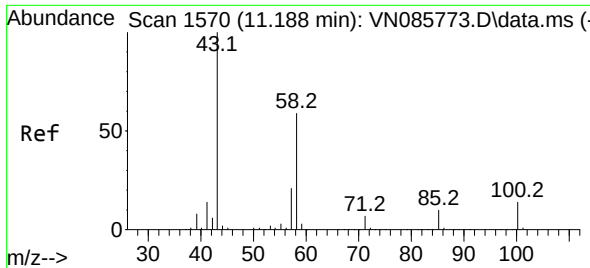
Tgt Ion: 63 Resp: 531154

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





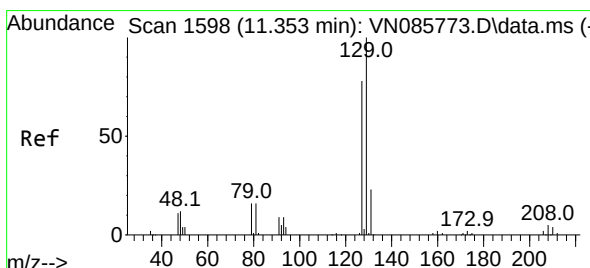
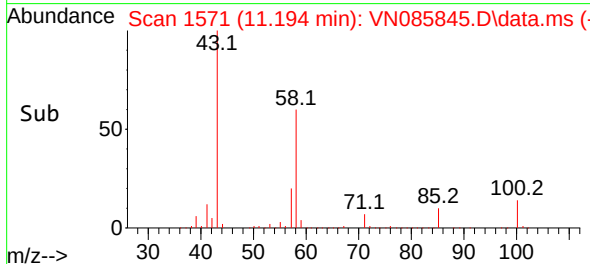
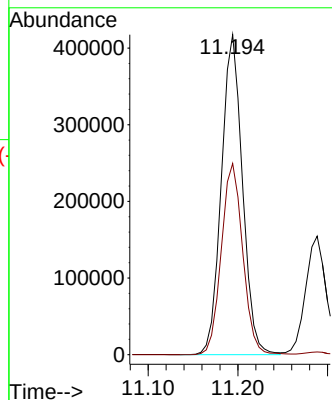
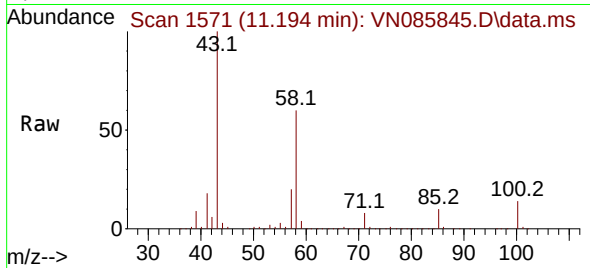
#59
2-Hexanone
Concen: 302.870 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 681299
Ion Ratio Lower Upper
43 100
58 60.6 29.8 89.5

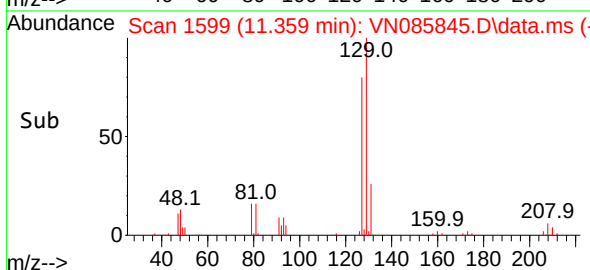
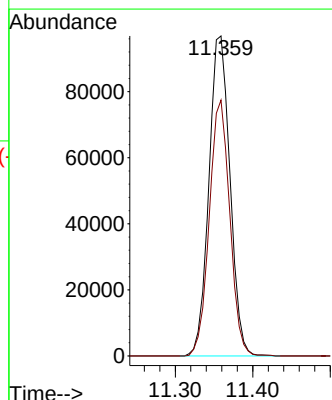
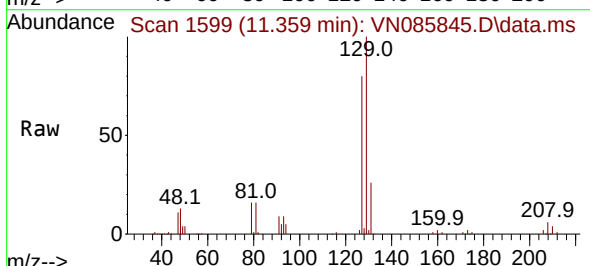
Manual Integrations
APPROVED

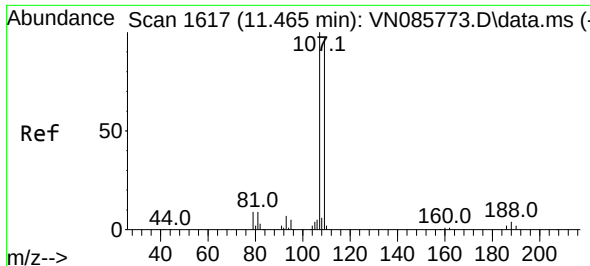
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#60
Dibromochloromethane
Concen: 51.000 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

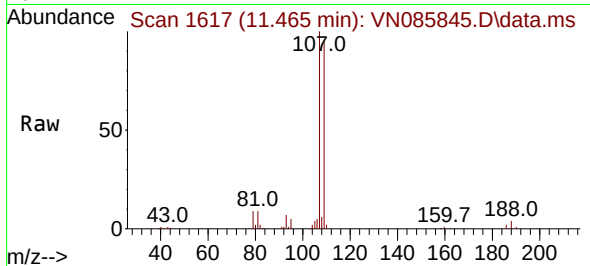
Tgt Ion:129 Resp: 182820
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.044 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

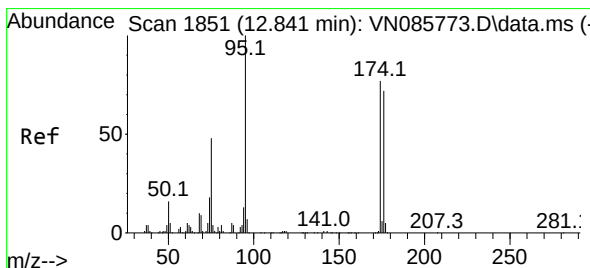
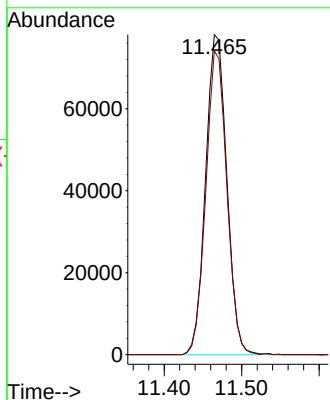
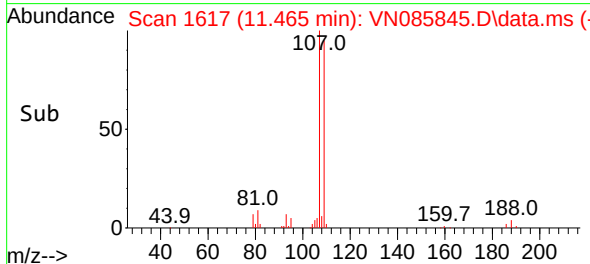
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



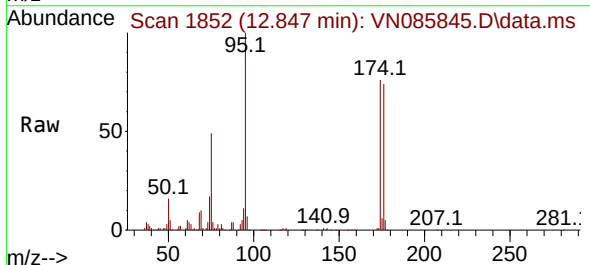
Tgt Ion:107 Resp: 148468
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

Manual Integrations
APPROVED

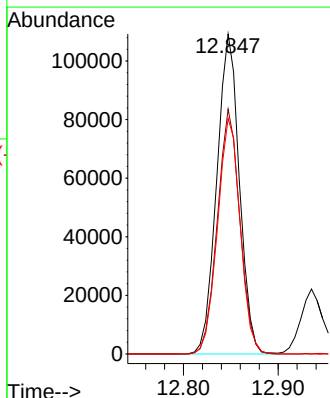
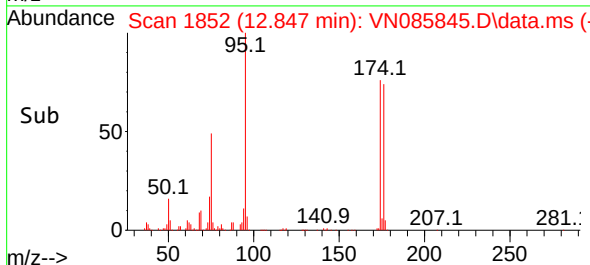
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

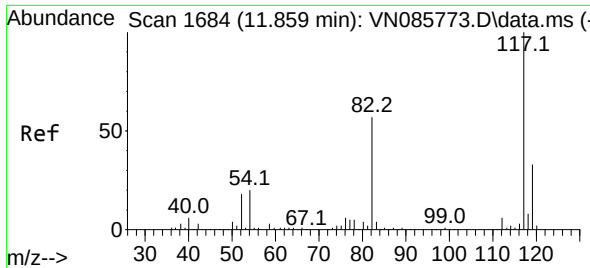


#62
4-Bromofluorobenzene
Concen: 51.864 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



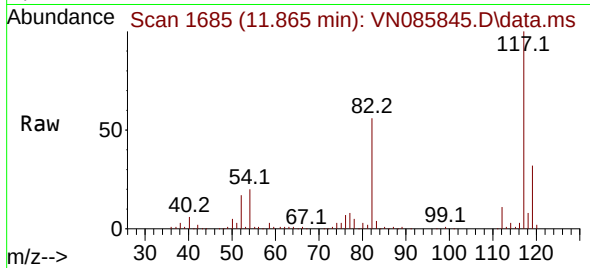
Tgt Ion: 95 Resp: 181038
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.4
176 73.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

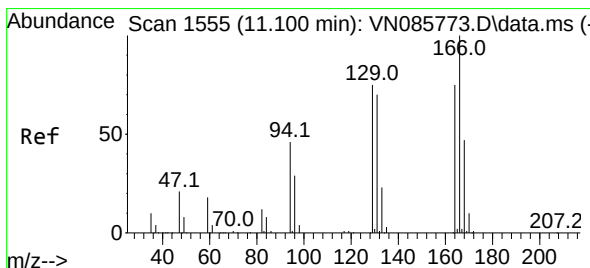
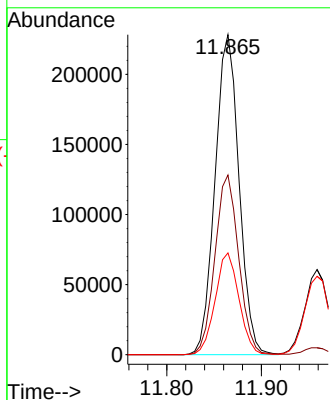
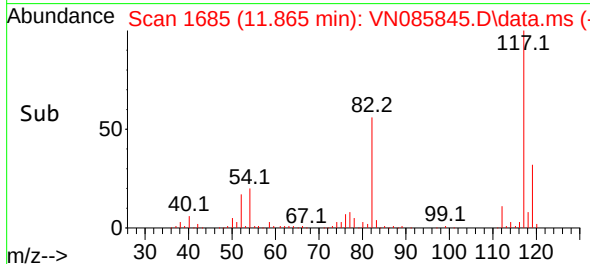
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 402650
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 31.8 26.2 39.2

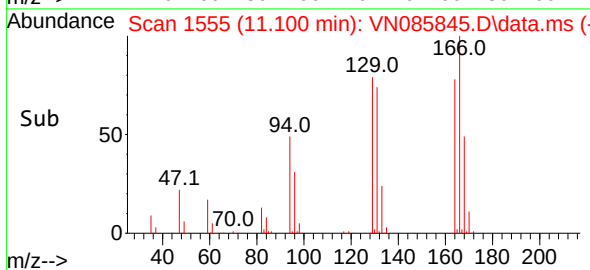
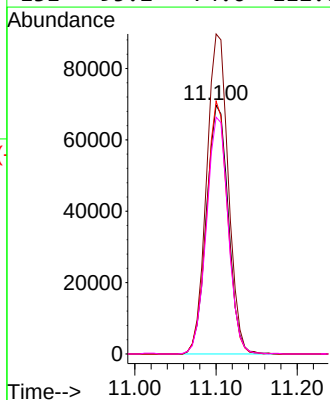
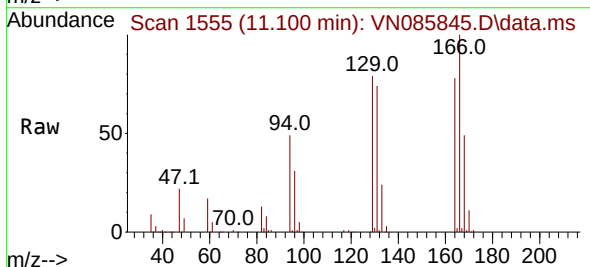
Manual Integrations
APPROVED

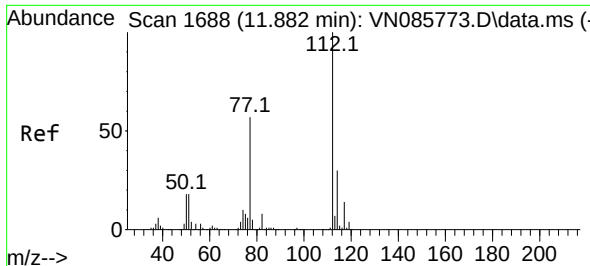
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#64
Tetrachloroethene
Concen: 41.788 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

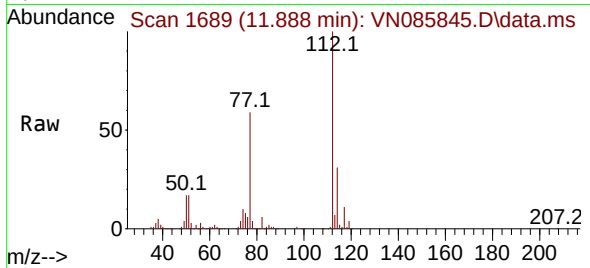
Tgt Ion:164 Resp: 130351
Ion Ratio Lower Upper
164 100
166 128.7 107.2 160.8
129 101.6 80.7 121.1
131 95.2 74.6 112.0





#65
Chlorobenzene
Concen: 45.560 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

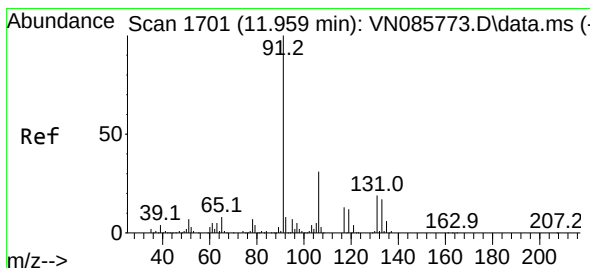
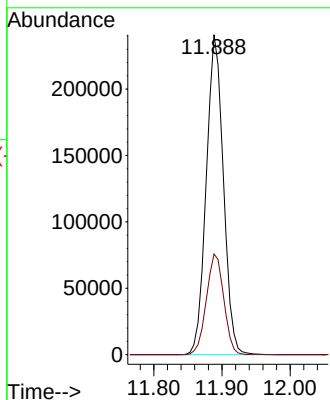
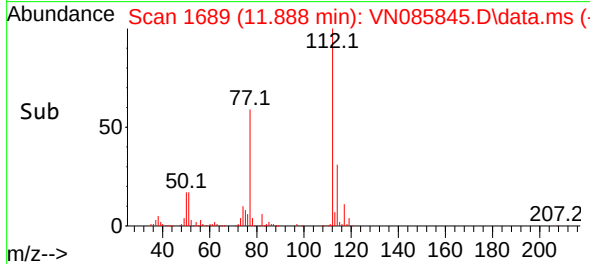
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



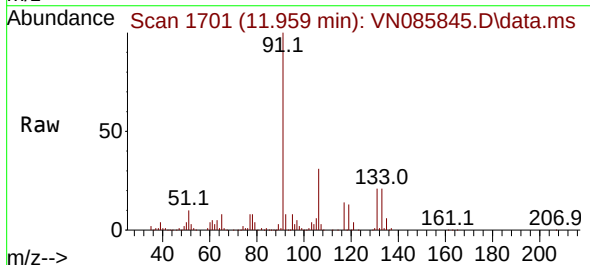
Tgt Ion:112 Resp: 420254
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5

Manual Integrations
APPROVED

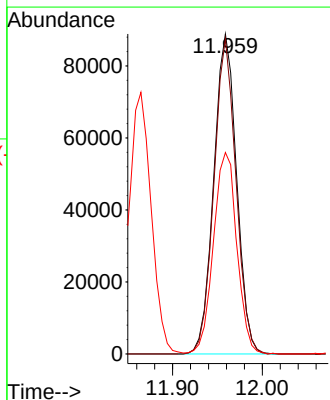
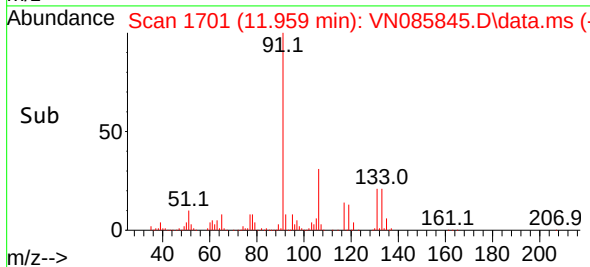
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

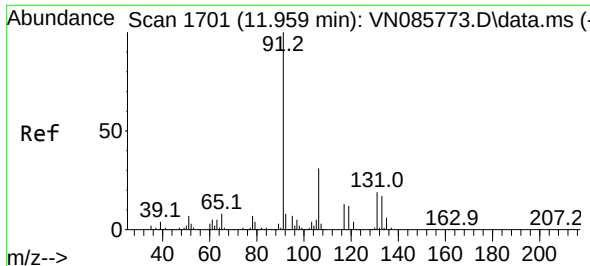


#66
1,1,1,2-Tetrachloroethane
Concen: 47.384 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



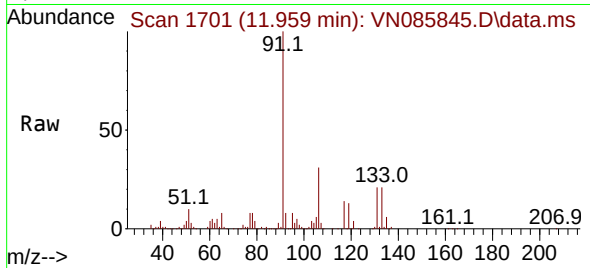
Tgt Ion:131 Resp: 157098
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 64.5 33.3 99.8





#67
Ethyl Benzene
Concen: 49.774 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

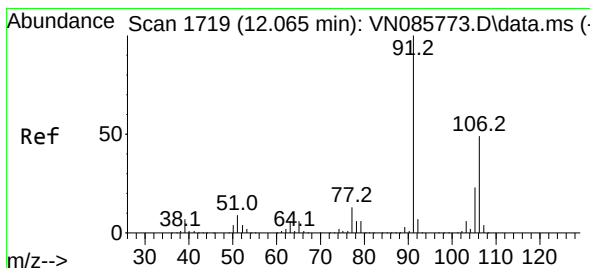
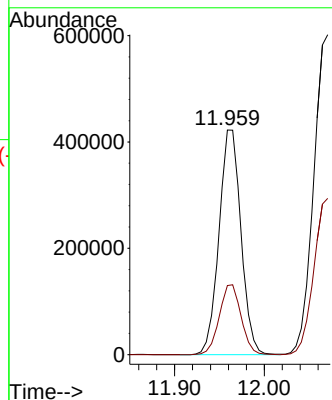
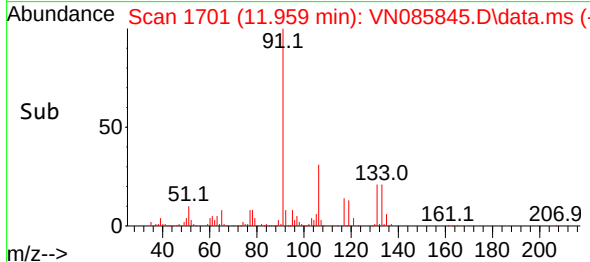
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



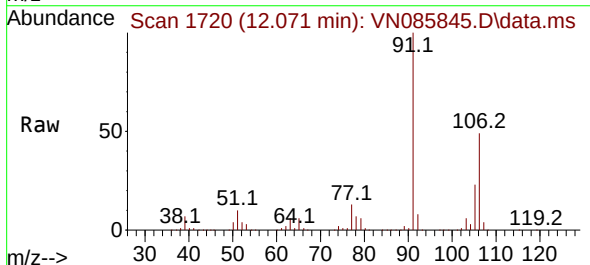
Tgt Ion: 91 Resp: 71918
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

Manual Integrations
APPROVED

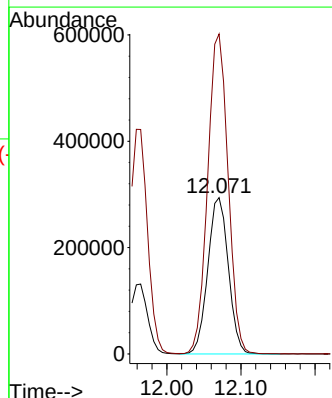
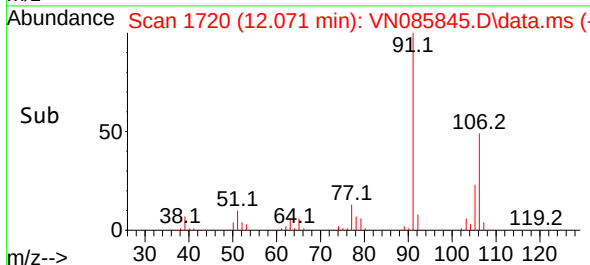
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

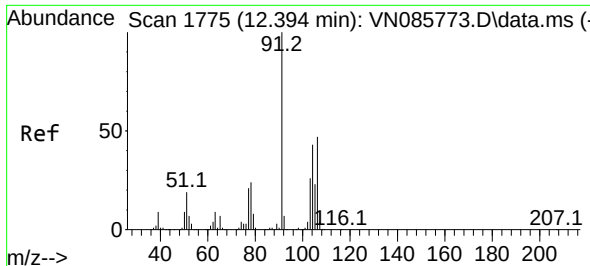


#68
m/p-Xylenes
Concen: 103.250 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion:106 Resp: 566688
Ion Ratio Lower Upper
106 100
91 203.7 163.3 244.9





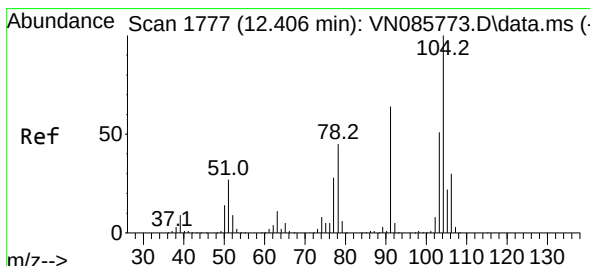
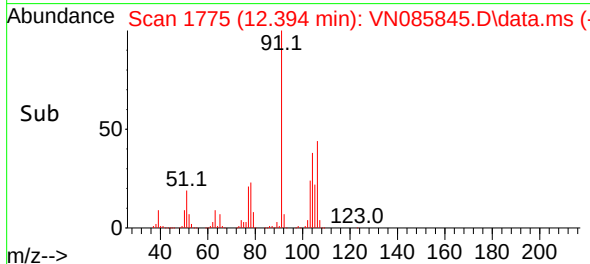
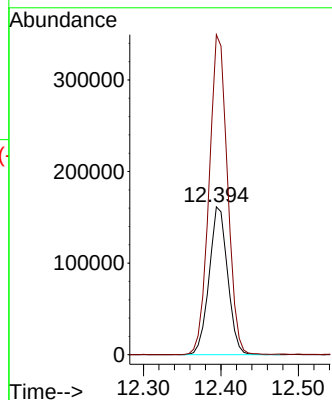
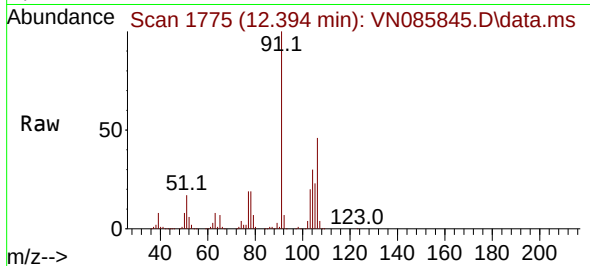
#69
o-Xylene
Concen: 51.195 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 267000
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.4

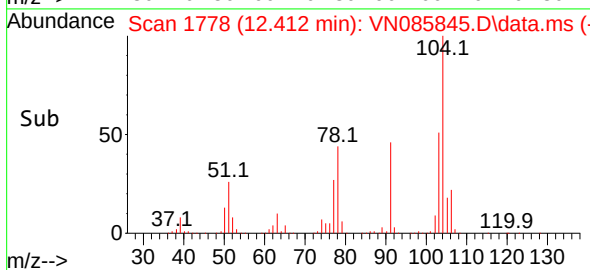
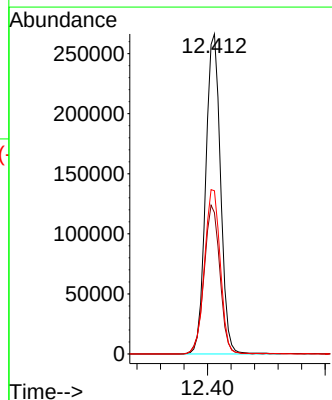
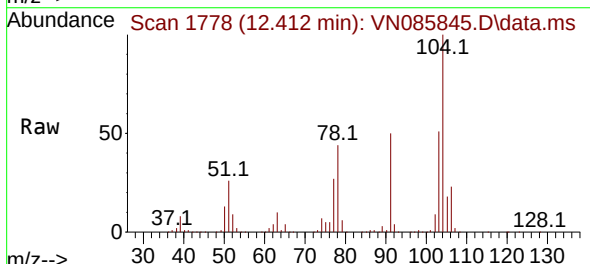
Manual Integrations
APPROVED

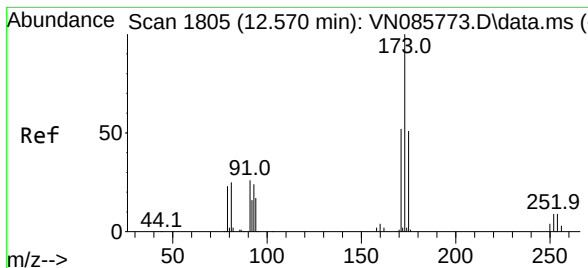
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#70
Styrene
Concen: 48.119 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

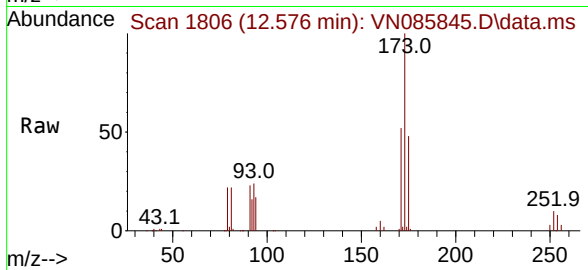
Tgt Ion:104 Resp: 465140
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.7 43.3 64.9





#71
Bromoform
Concen: 50.582 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

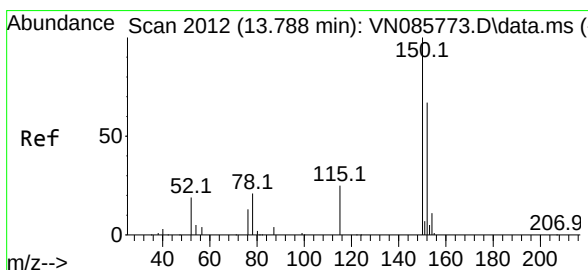
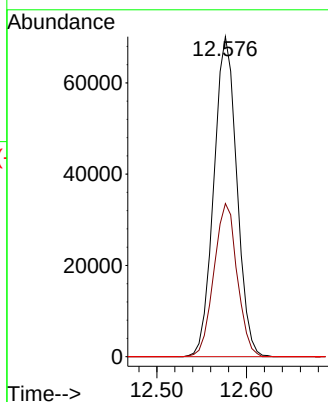
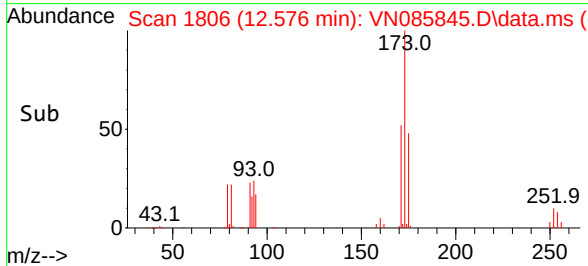
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



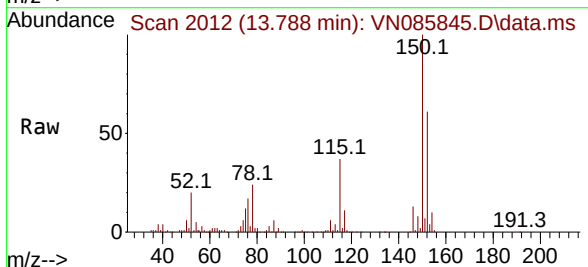
Tgt Ion:173 Resp: 124614
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

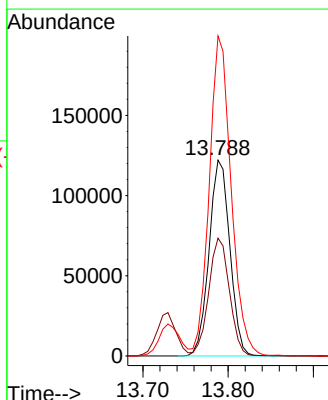
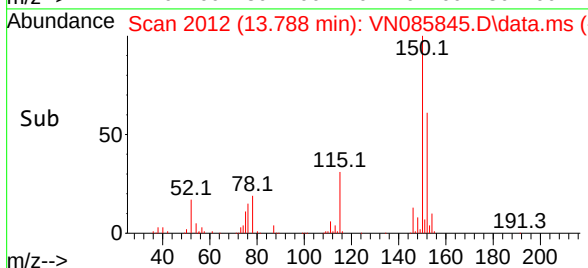
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

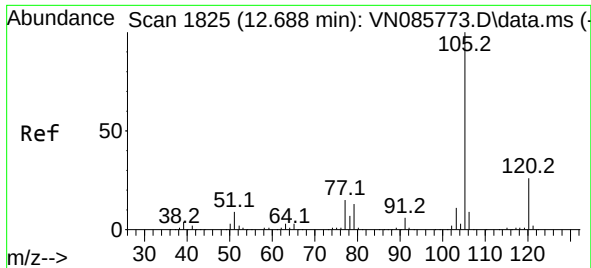


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion:152 Resp: 207525
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 172.2 0.0 345.4





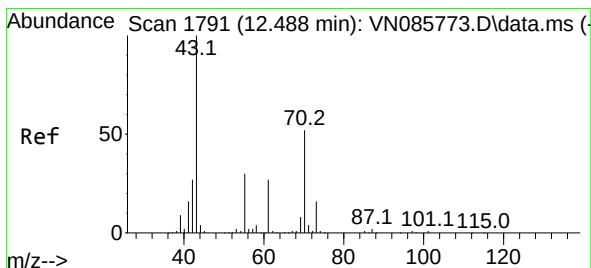
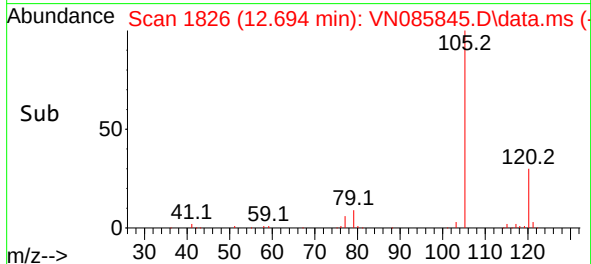
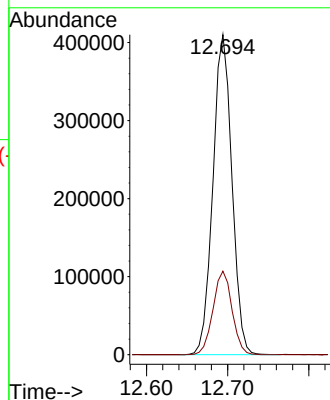
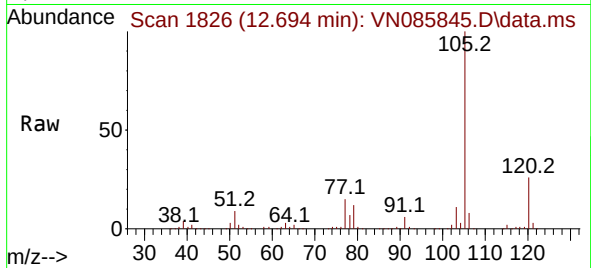
#73
Isopropylbenzene
Concen: 46.906 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 666889
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

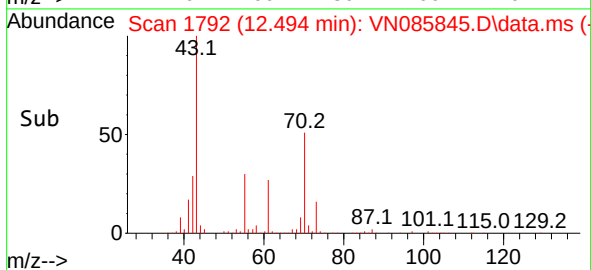
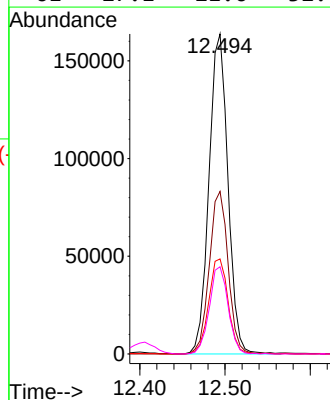
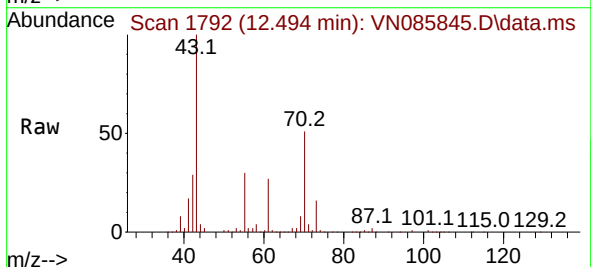
Manual Integrations
APPROVED

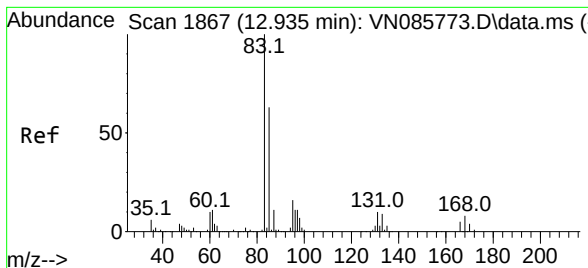
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#74
N-ethyl acetate
Concen: 50.605 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

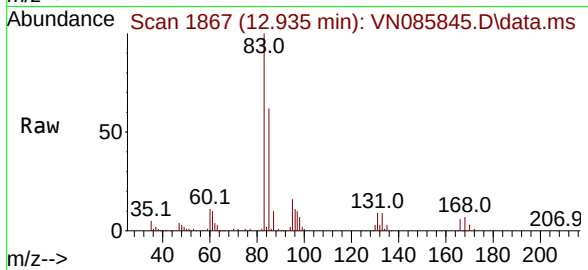
Tgt Ion: 43 Resp: 253716
Ion Ratio Lower Upper
43 100
70 50.6 41.0 61.4
55 30.6 24.6 36.8
61 27.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.419 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

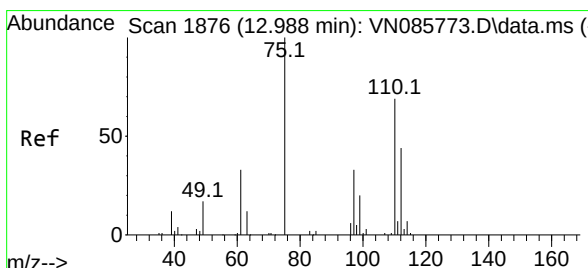
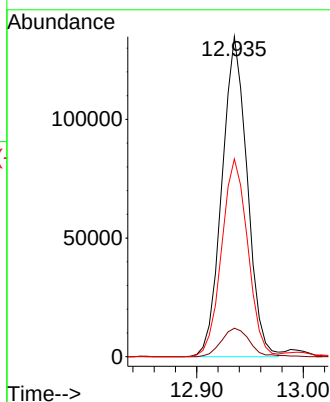
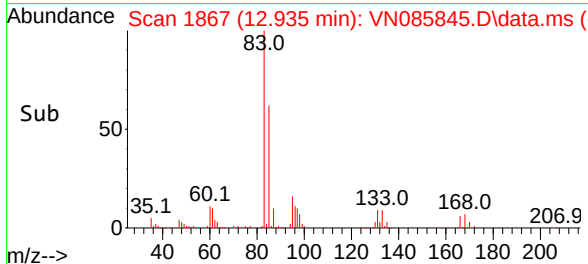
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



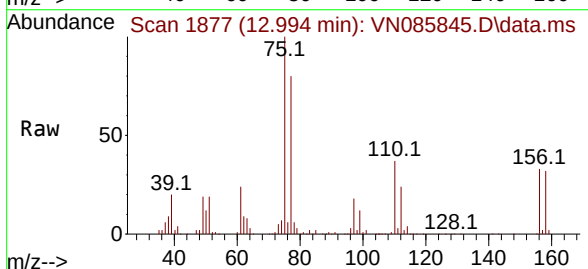
Tgt Ion: 83 Resp: 222208
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.0 32.2 96.6

Manual Integrations
APPROVED

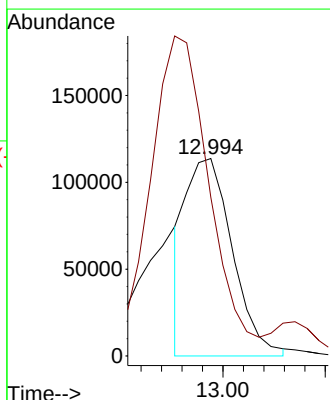
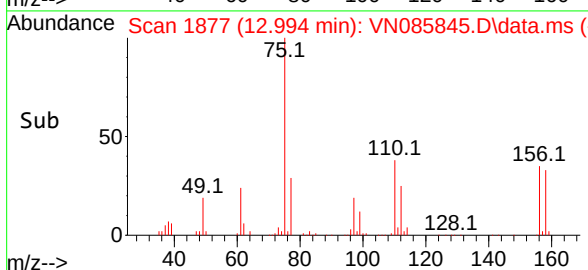
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

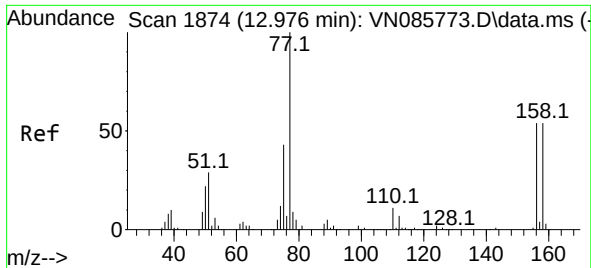


#76
1,2,3-Trichloropropane
Concen: 39.078 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



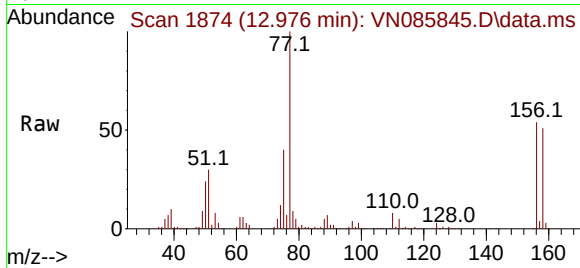
Tgt Ion: 75 Resp: 180144
Ion Ratio Lower Upper
75 100
77 205.5 100.0 300.0





#77
Bromobenzene
Concen: 45.005 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

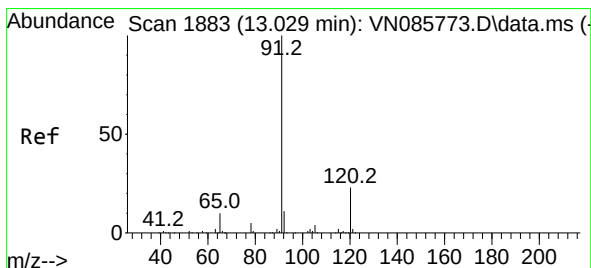
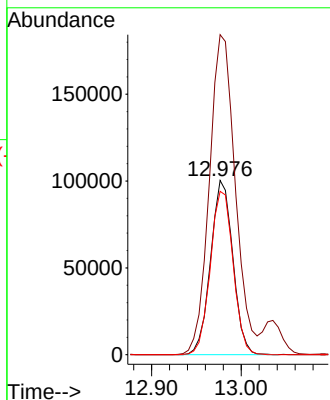
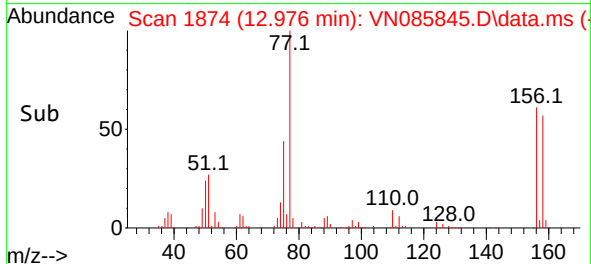
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 172869
Ion Ratio Lower Upper
156 100
77 214.1 104.1 312.3
158 96.0 48.1 144.4

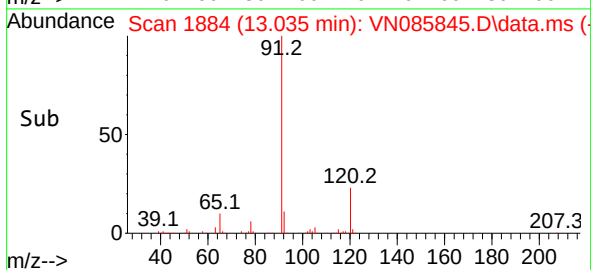
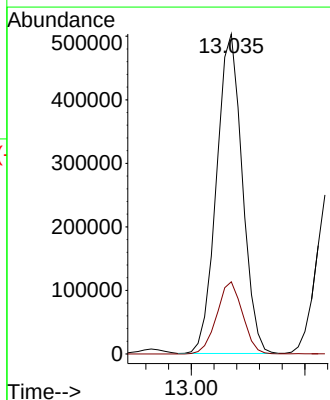
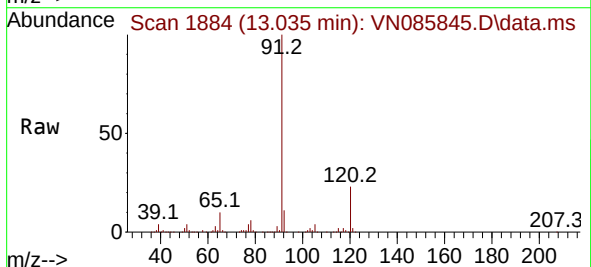
Manual Integrations
APPROVED

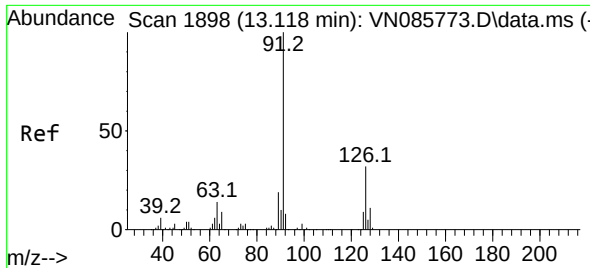
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#78
n-propylbenzene
Concen: 48.723 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion: 91 Resp: 793326
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





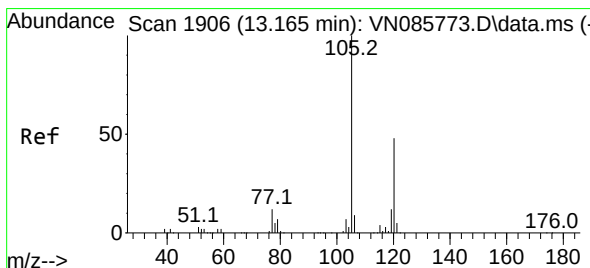
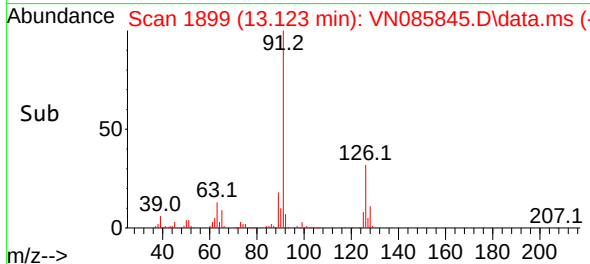
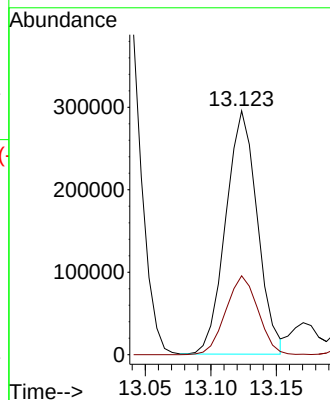
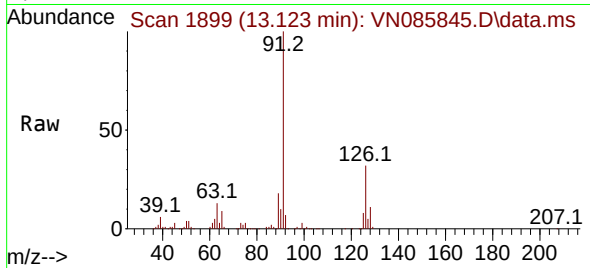
#79
2-Chlorotoluene
Concen: 45.667 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 496812
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

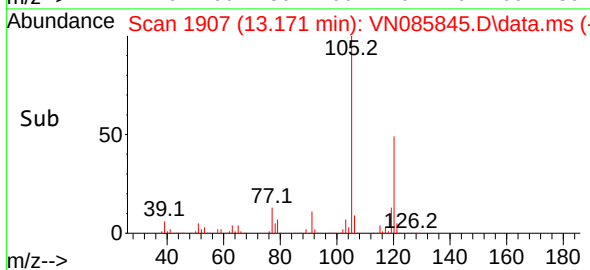
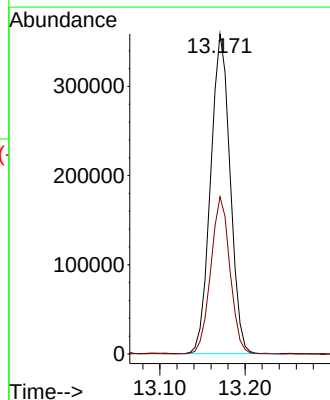
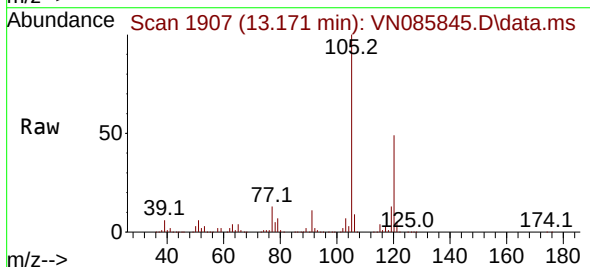
Manual Integrations
APPROVED

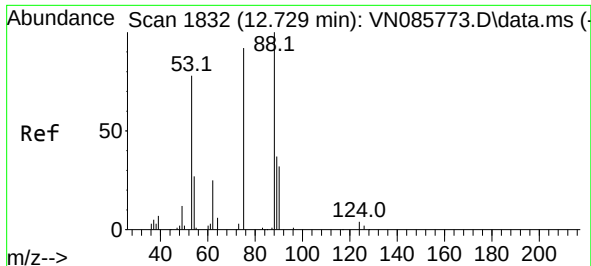
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.271 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

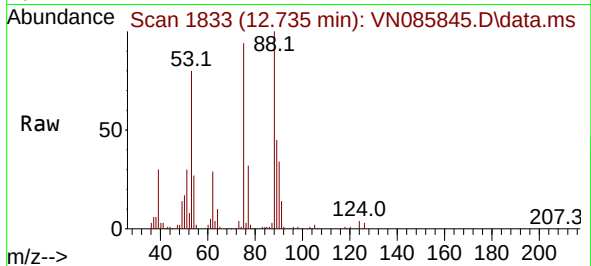
Tgt Ion:105 Resp: 570631
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 53.582 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

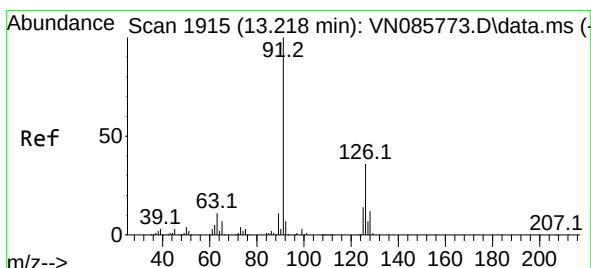
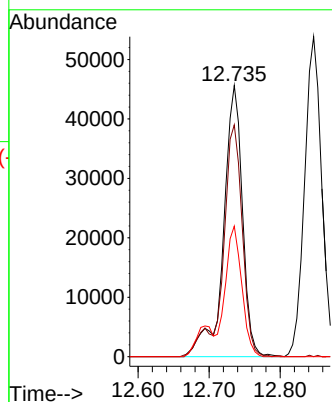
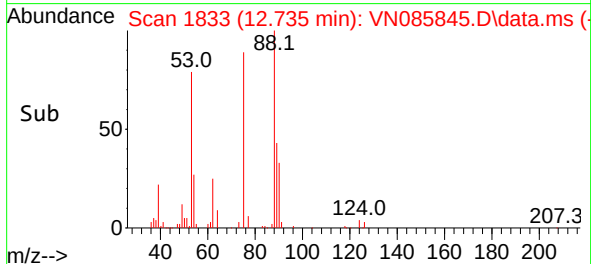
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 84650
Ion Ratio Lower Upper
75 100
53 78.2 74.2 111.4
89 42.2 34.9 52.3

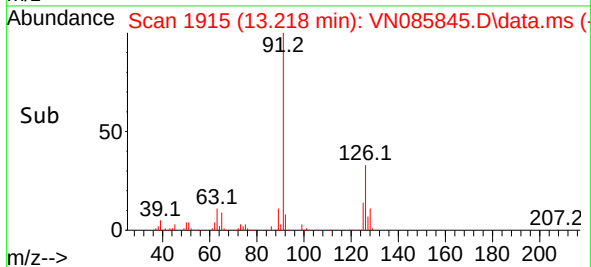
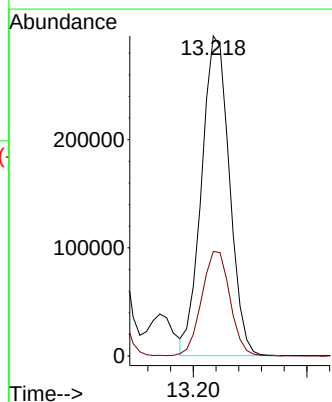
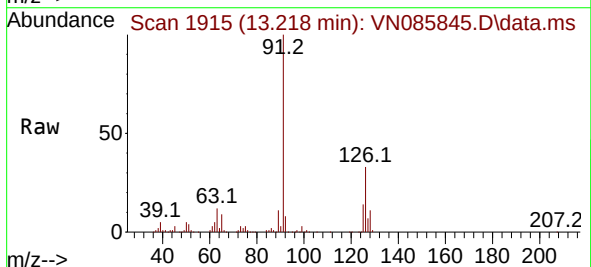
Manual Integrations
APPROVED

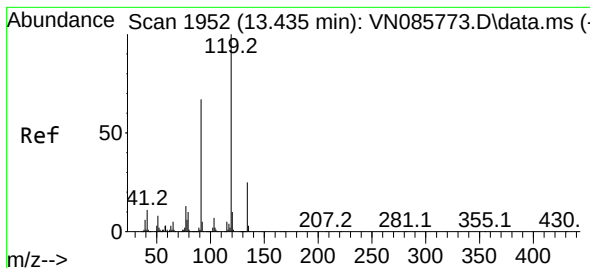
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#82
4-Chlorotoluene
Concen: 46.729 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

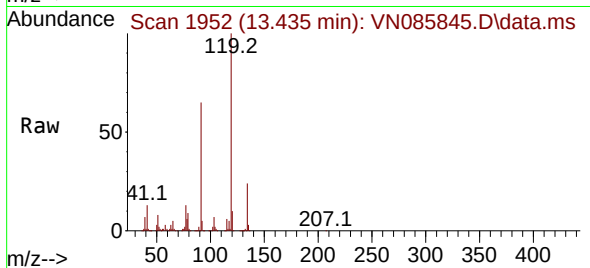
Tgt Ion: 91 Resp: 503974
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 47.272 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

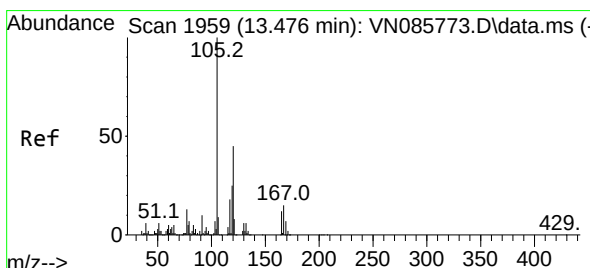
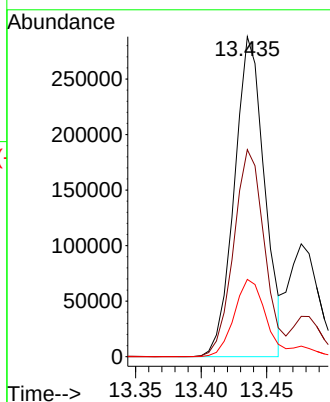
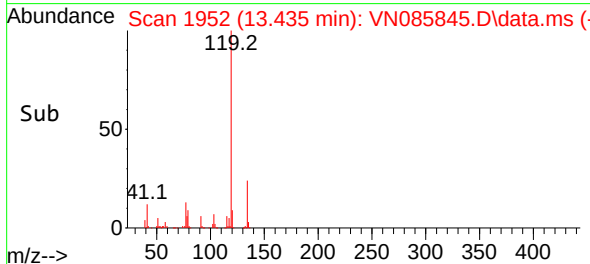
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



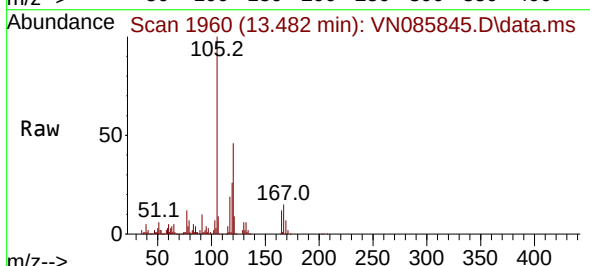
Tgt Ion:119 Resp: 460384
 Ion Ratio Lower Upper
 119 100
 91 66.8 32.5 97.5
 134 27.6 13.3 39.9

Manual Integrations
 APPROVED

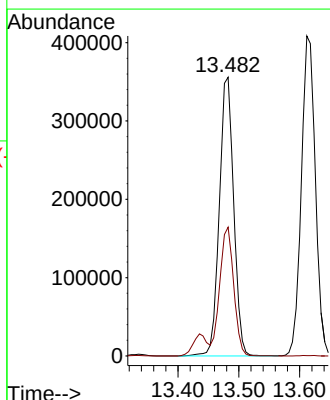
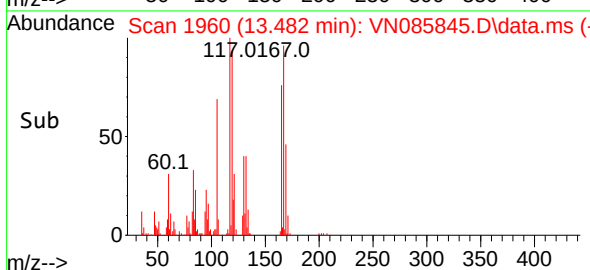
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025

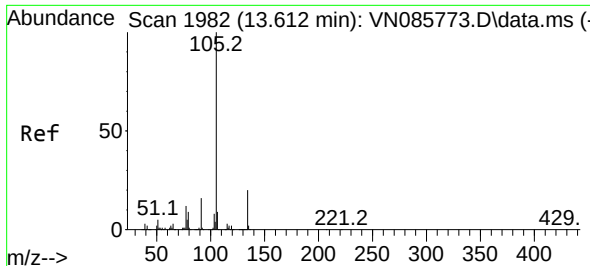


#84
 1,2,4-Trimethylbenzene
 Concen: 50.863 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26



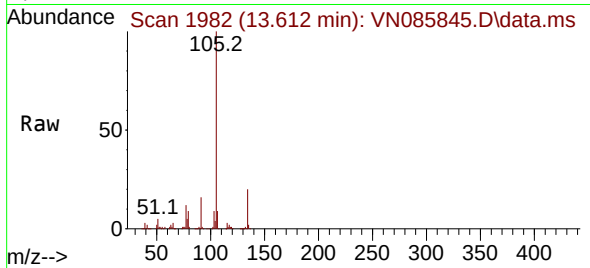
Tgt Ion:105 Resp: 582799
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 47.269 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

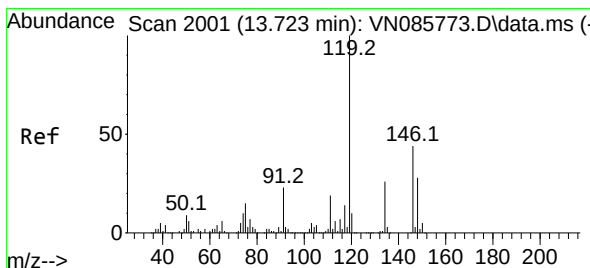
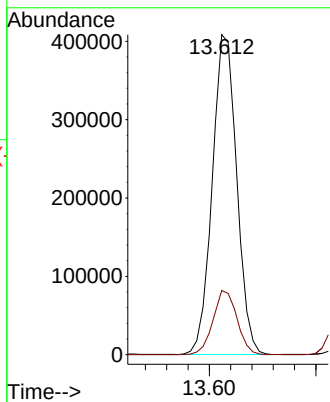
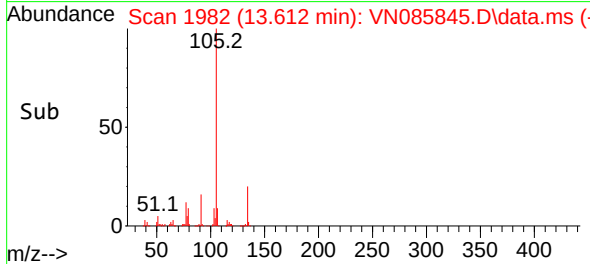
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 650428
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

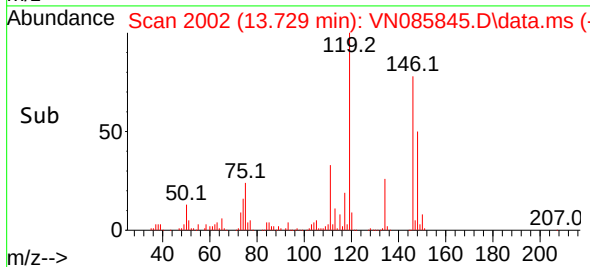
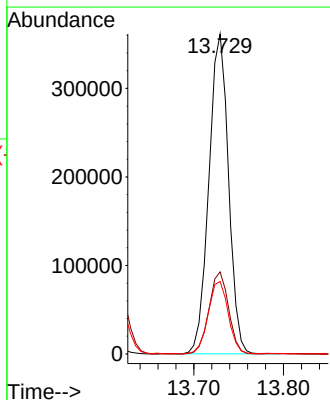
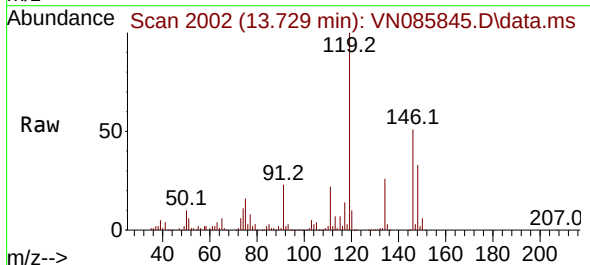
Manual Integrations
 APPROVED

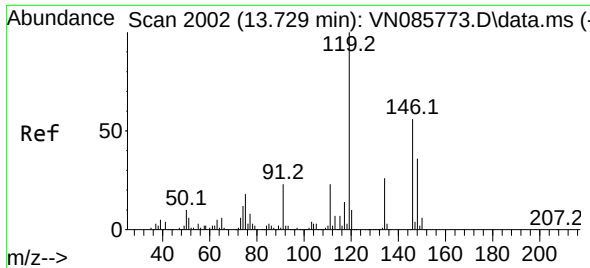
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#86
 p-Isopropyltoluene
 Concen: 44.003 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

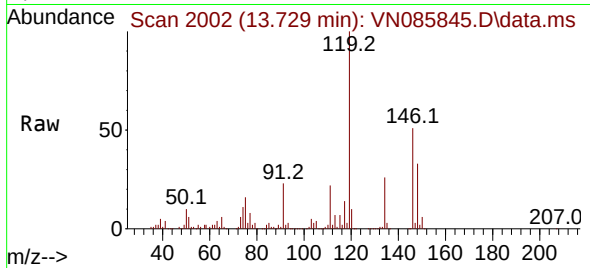
Tgt Ion:119 Resp: 548570
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 23.1 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 43.896 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

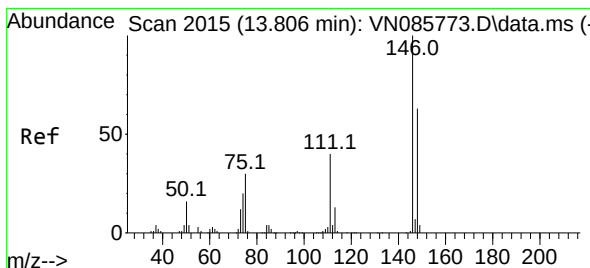
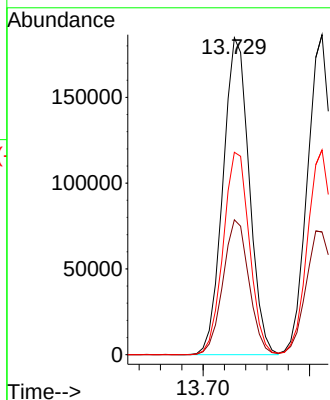
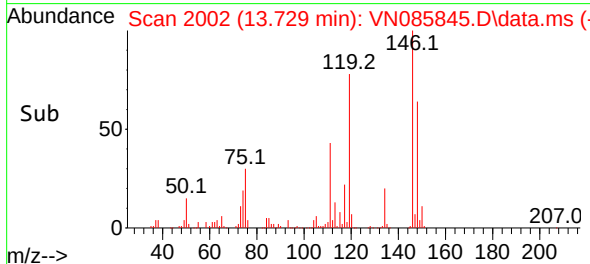
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 315898
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.8 32.1 96.5

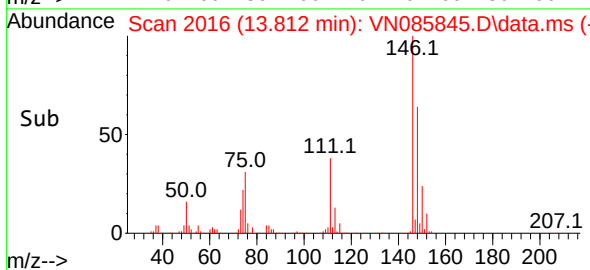
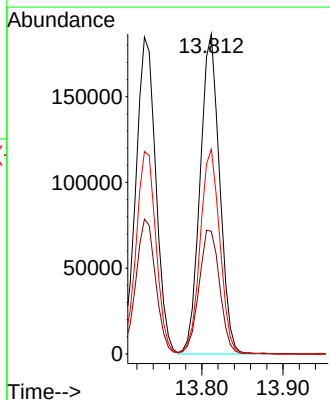
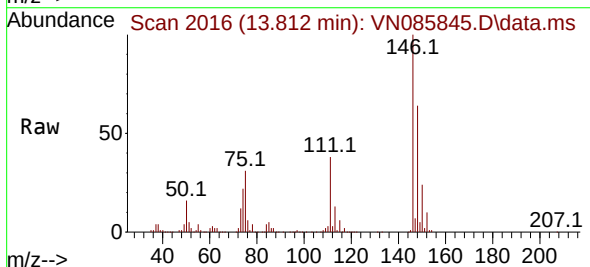
Manual Integrations
 APPROVED

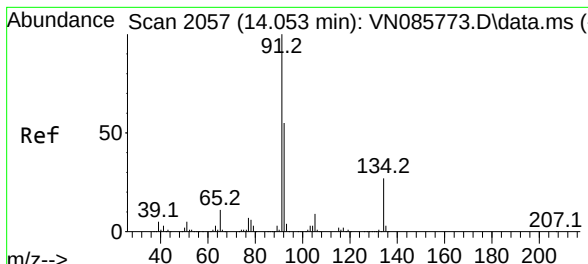
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#88
 1,4-Dichlorobenzene
 Concen: 42.142 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Tgt Ion:146 Resp: 310834
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 64.3 31.8 95.4





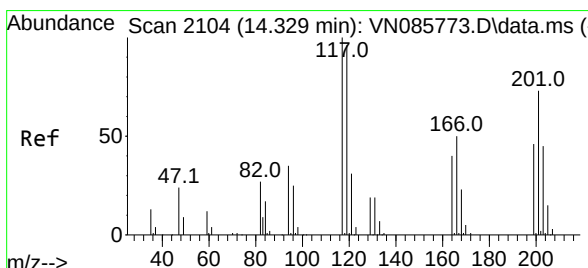
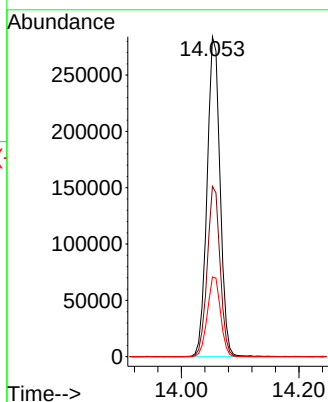
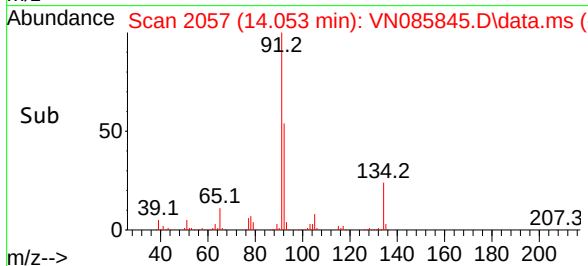
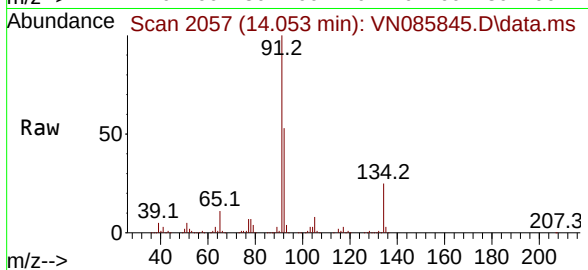
#89
n-Butylbenzene
Concen: 44.641 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 43612
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.3
134 25.2 12.7 38.1

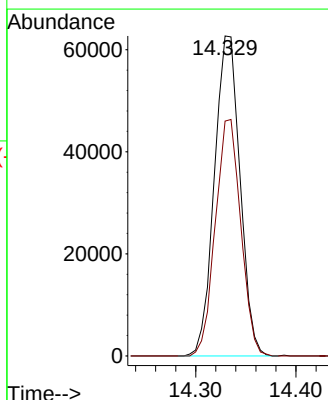
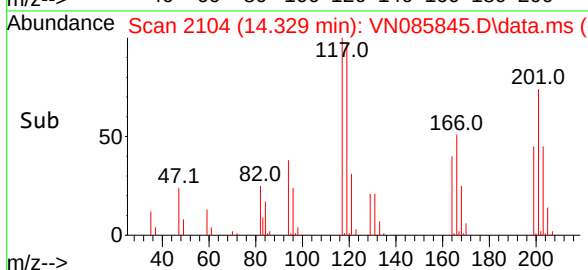
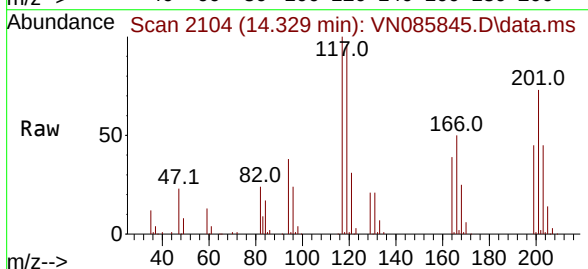
Manual Integrations
APPROVED

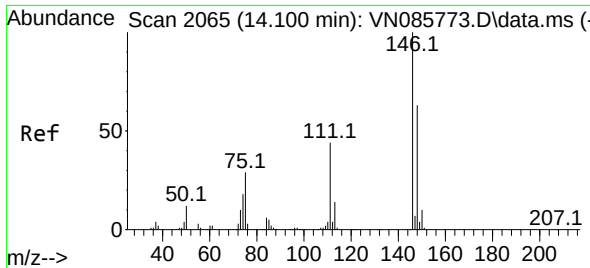
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#90
Hexachloroethane
Concen: 42.671 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

Tgt Ion:117 Resp: 111202
Ion Ratio Lower Upper
117 100
201 73.3 35.6 106.9





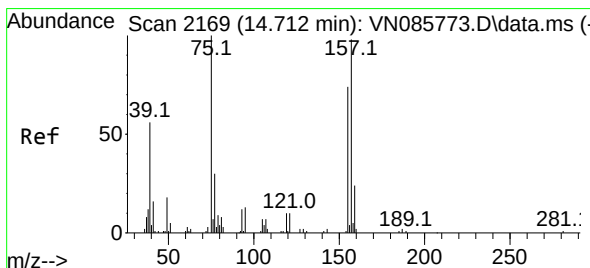
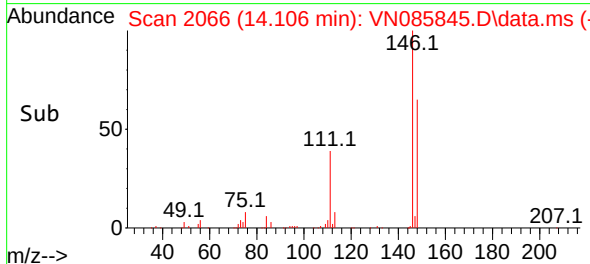
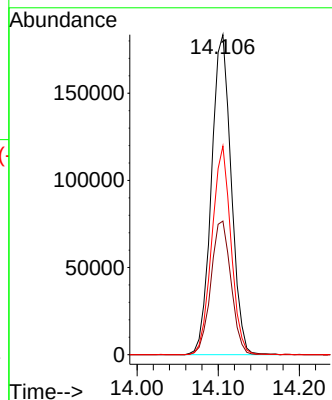
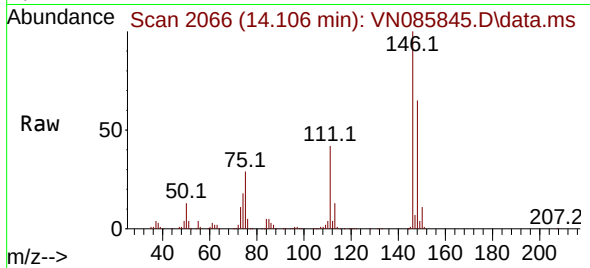
#91
 1,2-Dichlorobenzene
 Concen: 44.840 ug/l
 RT: 14.106 min Scan# 2065
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 31030
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.4 64.3
 148 63.1 32.0 96.2

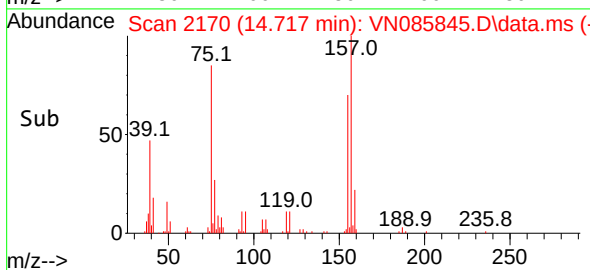
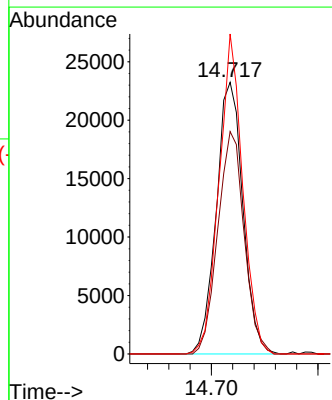
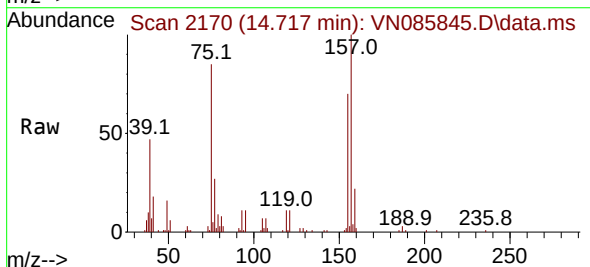
Manual Integrations
 APPROVED

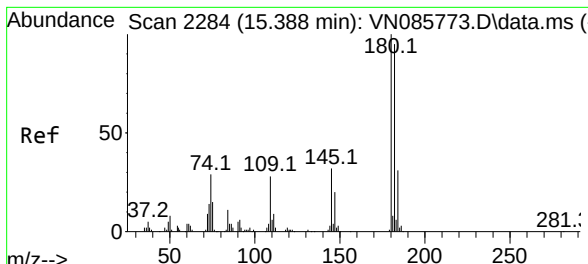
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.849 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VN085845.D
 Acq: 24 Feb 2025 18:26

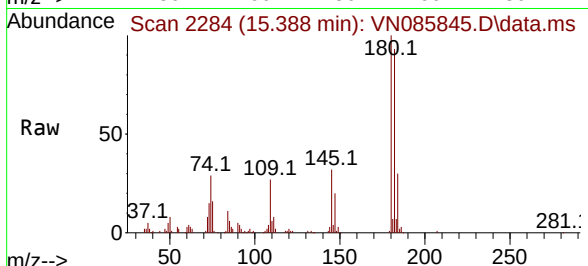
Tgt Ion: 75 Resp: 40292
 Ion Ratio Lower Upper
 75 100
 155 81.1 39.9 119.6
 157 104.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 43.180 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

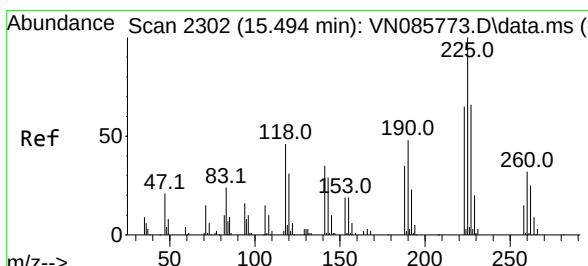
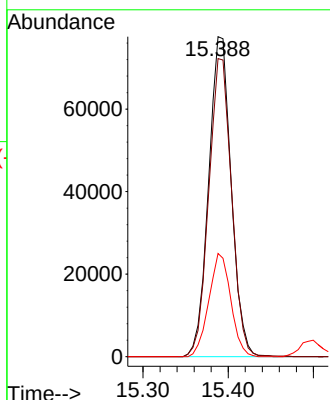
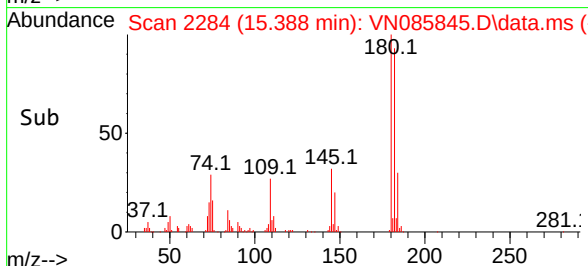
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



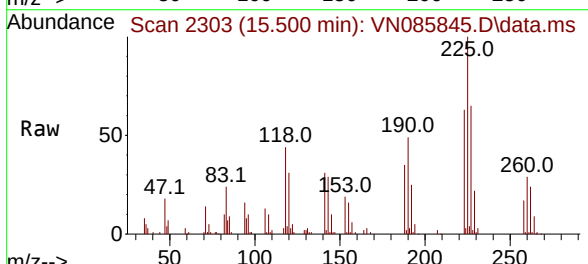
Tgt Ion:180 Resp: 142389
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.4 16.2 48.5

Manual Integrations
APPROVED

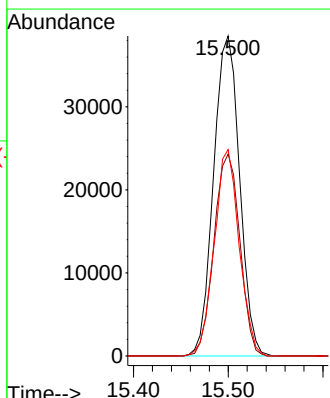
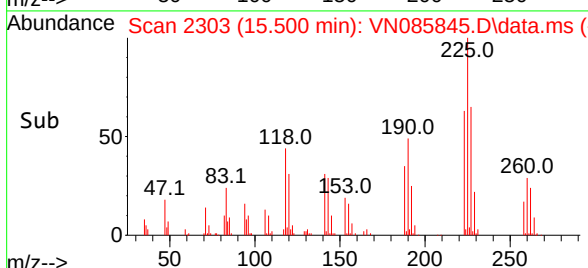
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025

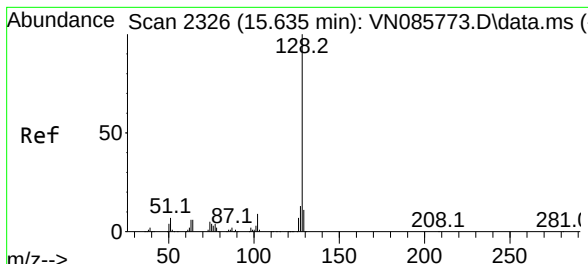


#94
Hexachlorobutadiene
Concen: 36.696 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



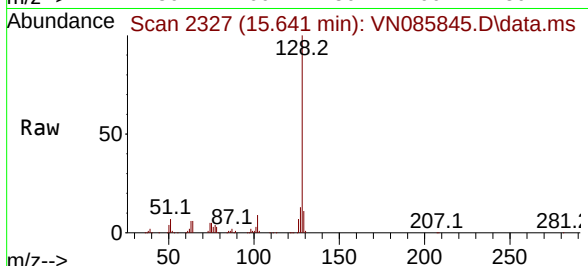
Tgt Ion:225 Resp: 73542
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.5
227 62.0 32.2 96.6





#95
Naphthalene
Concen: 47.649 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26

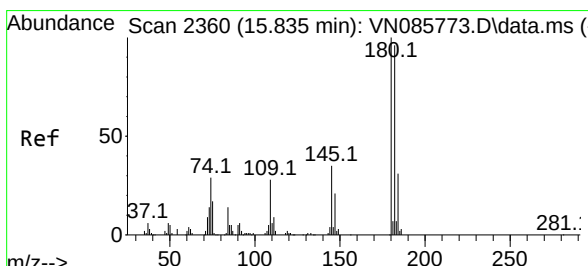
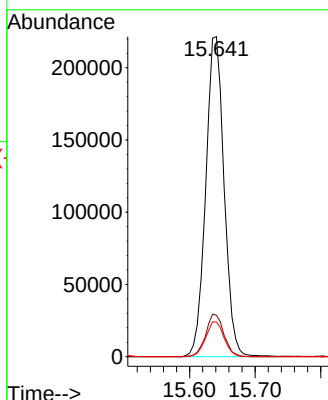
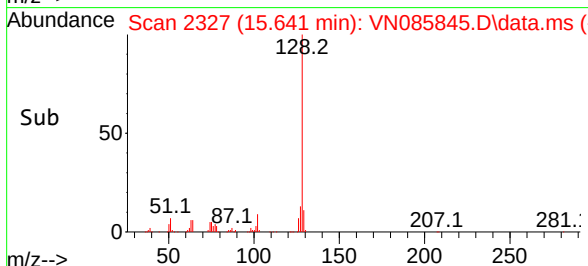
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



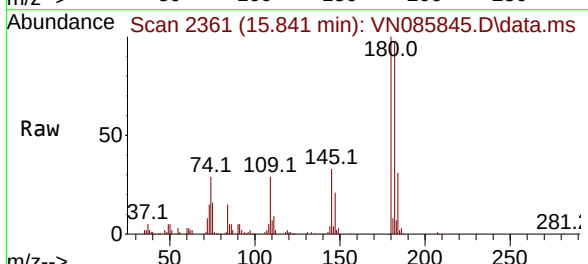
Tgt Ion:128 Resp: 43136
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.108 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085845.D
Acq: 24 Feb 2025 18:26



Tgt Ion:180 Resp: 139399
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.8
145 34.3 16.9 50.6

