

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085800.D
 Acq On : 20 Feb 2025 16:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 01:00:04 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)

Internal Standards						
1) Pentafluorobenzene	8.218	168	306507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	499044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	434677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	210523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	164418	41.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.760%		
35) Dibromofluoromethane	8.159	113	138794	42.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.000%		
50) Toluene-d8	10.559	98	526990	44.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.720%		
62) 4-Bromofluorobenzene	12.841	95	182663	46.663	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	199860	47.938	ug/l	98
3) Chloromethane	2.359	50	185248	44.280	ug/l	100
4) Vinyl Chloride	2.518	62	205250	46.337	ug/l	98
5) Bromomethane	2.965	94	128973	45.536	ug/l	96
6) Chloroethane	3.124	64	129305	44.071	ug/l	99
7) Trichlorofluoromethane	3.500	101	301141	46.956	ug/l	99
8) Diethyl Ether	3.959	74	101511	48.920	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	178509	48.153	ug/l	100
10) Methyl Iodide	4.589	142	224320	49.090	ug/l	99
11) Tert butyl alcohol	5.500	59	101019	206.691	ug/l	99
12) 1,1-Dichloroethene	4.342	96	165089	49.115	ug/l	97
13) Acrolein	4.171	56	174590	240.888	ug/l	96
14) Allyl chloride	5.018	41	217529	49.292	ug/l	97
15) Acrylonitrile	5.706	53	358052	225.350	ug/l	99
16) Acetone	4.412	43	309745	246.344	ug/l	99
17) Carbon Disulfide	4.706	76	441806	44.350	ug/l	98
18) Methyl Acetate	5.012	43	182111	42.109	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	515665	51.627	ug/l	100
20) Methylene Chloride	5.271	84	185379	45.846	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	172675	47.709	ug/l	94
22) Diisopropyl ether	6.659	45	521199	52.267	ug/l	97
23) Vinyl Acetate	6.594	43	1700960m	249.125	ug/l	
24) 1,1-Dichloroethane	6.559	63	321989	47.500	ug/l	98
25) 2-Butanone	7.471	43	430918	232.951	ug/l	98
26) 2,2-Dichloropropane	7.482	77	292280	48.489	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	207581	49.465	ug/l	99
28) Bromochloromethane	7.806	49	122748	44.057	ug/l	100
29) Tetrahydrofuran	7.824	42	278237	232.929	ug/l	100
30) Chloroform	7.959	83	332961	47.002	ug/l	97
31) Cyclohexane	8.247	56	261437	46.062	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	299993	47.611	ug/l	99
36) 1,1-Dichloropropene	8.365	75	236196	51.107	ug/l	100
37) Ethyl Acetate	7.547	43	170537	44.839	ug/l	98
38) Carbon Tetrachloride	8.353	117	264114	48.096	ug/l	96
39) Methylcyclohexane	9.594	83	250306	55.131	ug/l	96
40) Benzene	8.600	78	731150	49.360	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085800.D
 Acq On : 20 Feb 2025 16:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 01:00:04 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)
41) Methacrylonitrile	7.765	41	98037	48.219	ug/l	96
42) 1,2-Dichloroethane	8.659	62	231016	47.881	ug/l	100
43) Isopropyl Acetate	8.677	43	313045	46.866	ug/l	99
44) Trichloroethene	9.347	130	178526	49.087	ug/l	96
45) 1,2-Dichloropropane	9.612	63	177458	49.632	ug/l	99
46) Dibromomethane	9.700	93	120777	47.890	ug/l	99
47) Bromodichloromethane	9.882	83	262428	48.636	ug/l	97
48) Methyl methacrylate	9.671	41	144235	51.065	ug/l	99
49) 1,4-Dioxane	9.688	88	48834	909.179	ug/l #	96
51) 4-Methyl-2-Pentanone	10.435	43	871741	237.734	ug/l	100
52) Toluene	10.623	92	459698	52.943	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	263768	52.866	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	289123	52.845	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	166595	48.257	ug/l	98
56) Ethyl methacrylate	10.865	69	244773	49.387	ug/l	97
57) 1,3-Dichloropropane	11.159	76	285659	49.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	560851	279.175	ug/l	99
59) 2-Hexanone	11.188	43	621486	246.366	ug/l	98
60) Dibromochloromethane	11.353	129	201065	50.017	ug/l	100
61) 1,2-Dibromoethane	11.465	107	163620	50.162	ug/l	97
64) Tetrachloroethene	11.094	164	176958	52.549	ug/l	96
65) Chlorobenzene	11.882	112	489890	49.197	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	174712	48.814	ug/l	100
67) Ethyl Benzene	11.959	91	854583	54.787	ug/l	100
68) m/p-Xylenes	12.065	106	661162	111.588	ug/l	99
69) o-Xylene	12.394	106	313750	55.725	ug/l	98
70) Styrene	12.406	104	534759	50.937	ug/l	99
71) Bromoform	12.570	173	131464	49.431	ug/l #	98
73) Isopropylbenzene	12.688	105	793440	55.013	ug/l	100
74) N-amyl acetate	12.488	43	249236	49.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	208844	42.080	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	187835m	40.166	ug/l	
77) Bromobenzene	12.976	156	196752	50.493	ug/l	98
78) n-propylbenzene	13.029	91	942087	57.035	ug/l	100
79) 2-Chlorotoluene	13.117	91	574860	52.089	ug/l	100
80) 1,3,5-Trimethylbenzene	13.164	105	666015	56.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	77041m	48.068	ug/l	
82) 4-Chlorotoluene	13.217	91	587248	53.675	ug/l	99
83) tert-Butylbenzene	13.429	119	557843	56.463	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	674556	58.032	ug/l	100
85) sec-Butylbenzene	13.611	105	795791	57.009	ug/l	100
86) p-Isopropyltoluene	13.723	119	657008	51.250	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	358861	49.156	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	359487	48.044	ug/l	100
89) n-Butylbenzene	14.053	91	559816	56.486	ug/l	98
90) Hexachloroethane	14.329	117	122631	46.387	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	343976	48.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	36275	39.803	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	170248	50.893	ug/l	100
94) Hexachlorobutadiene	15.494	225	86528	42.561	ug/l	100
95) Naphthalene	15.635	128	445015	48.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	160959	47.929	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
Data File : VN085800.D
Acq On : 20 Feb 2025 16:20
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

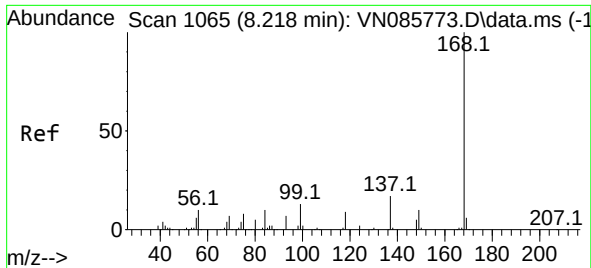
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 01:00:04 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

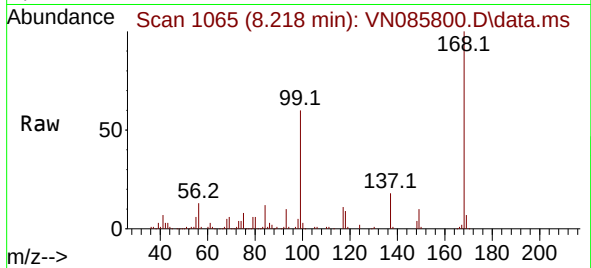
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

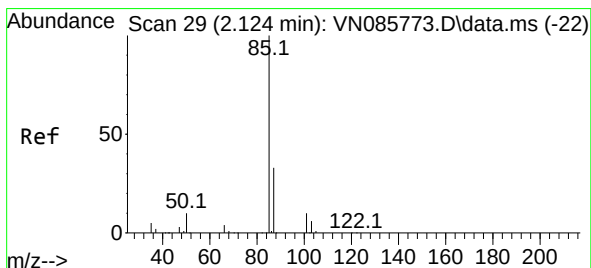
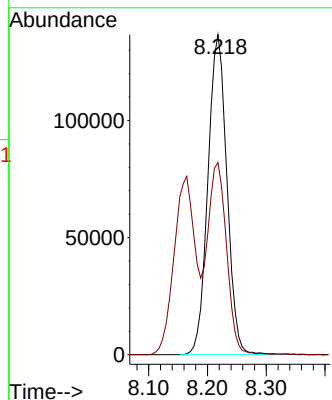
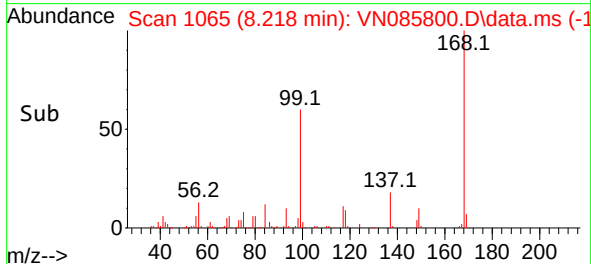
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



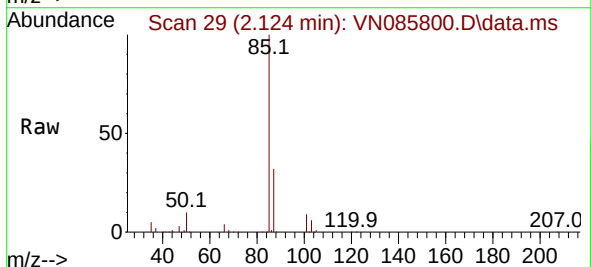
Tgt Ion:168 Resp: 30650
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

Manual Integrations
APPROVED

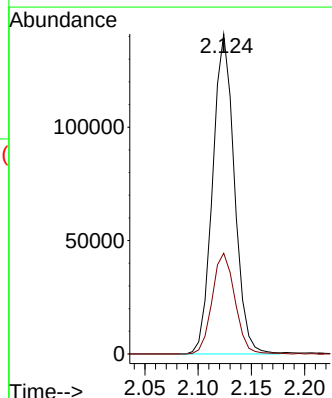
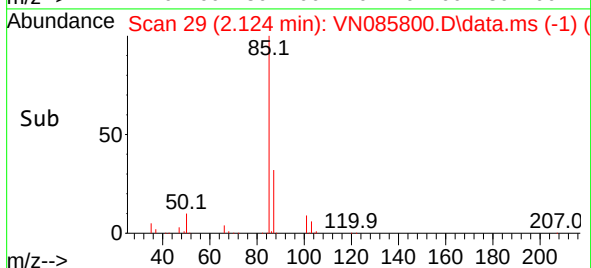
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

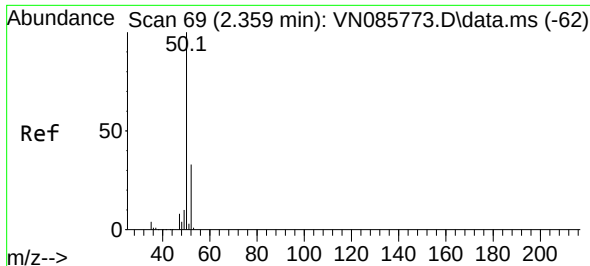


#2
Dichlorodifluoromethane
Concen: 47.938 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



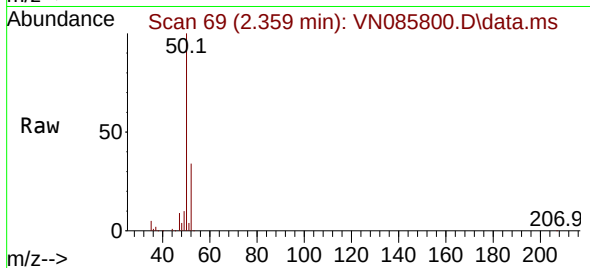
Tgt Ion: 85 Resp: 199860
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2





#3
Chloromethane
Concen: 44.280 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

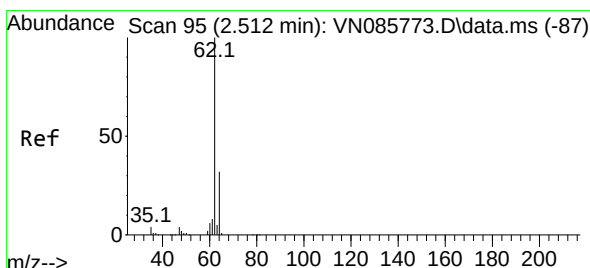
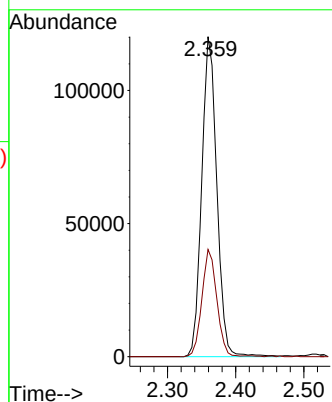
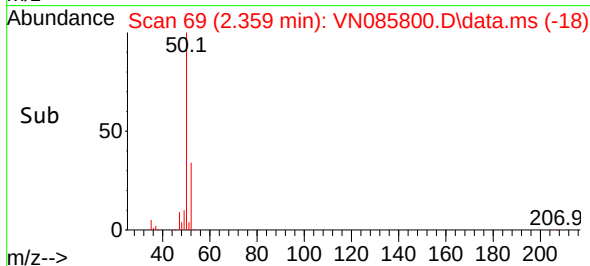
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 185248
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1

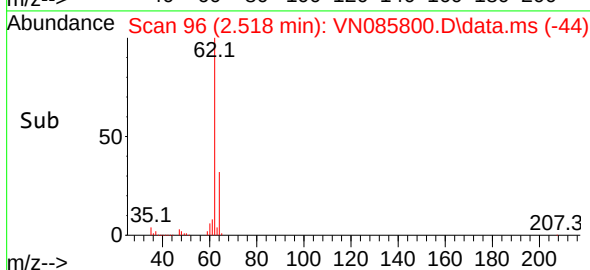
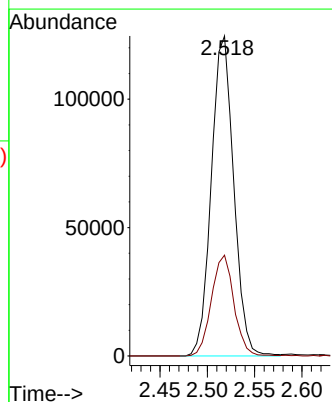
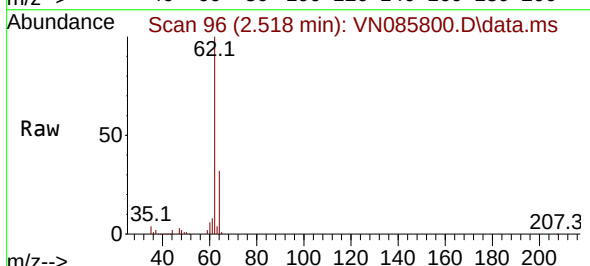
Manual Integrations
APPROVED

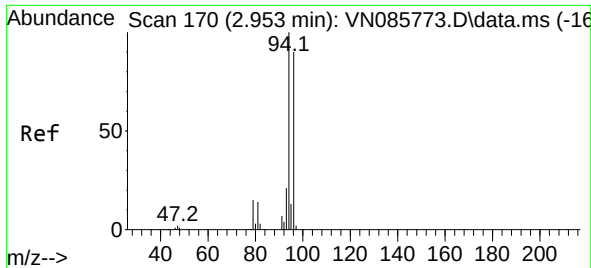
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#4
Vinyl Chloride
Concen: 46.337 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

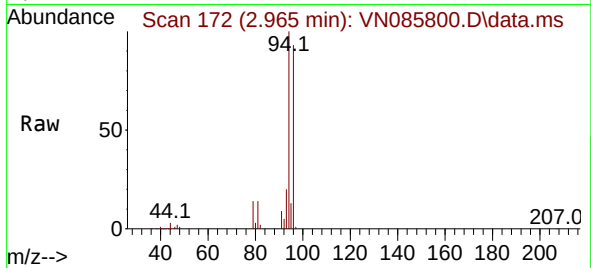
Tgt Ion: 62 Resp: 205250
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 45.536 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

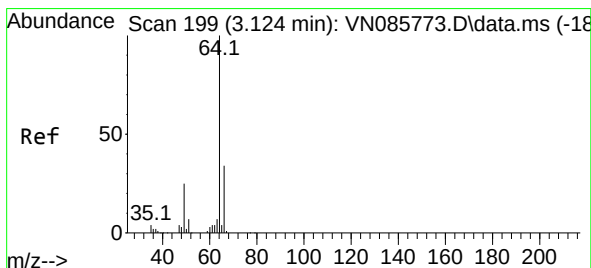
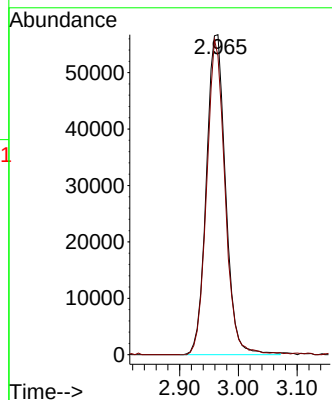
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 12897
Ion Ratio Lower Upper
94 100
96 93.3 71.7 107.5

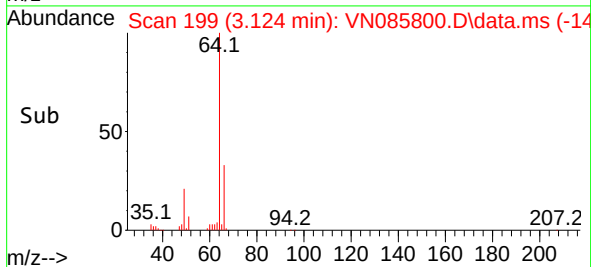
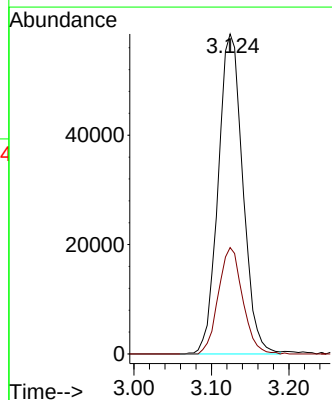
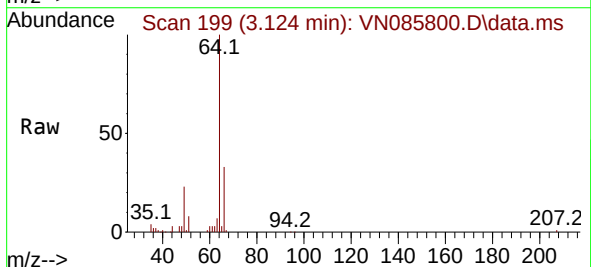
Manual Integrations
APPROVED

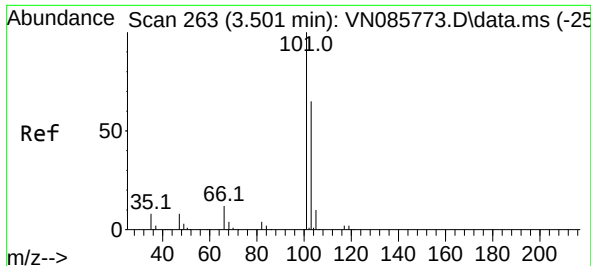
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#6
Chloroethane
Concen: 44.071 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion: 64 Resp: 129305
Ion Ratio Lower Upper
64 100
66 33.3 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 46.956 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

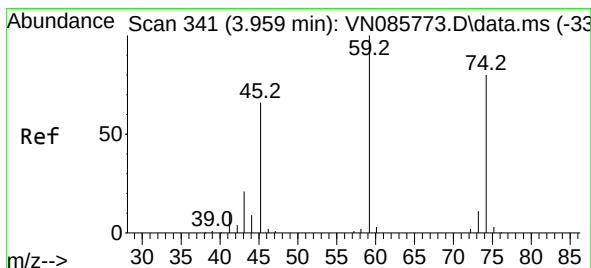
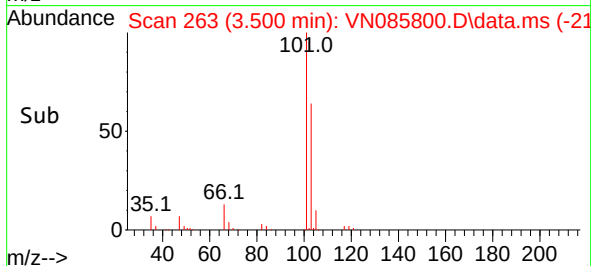
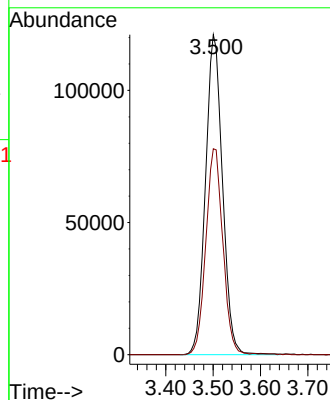
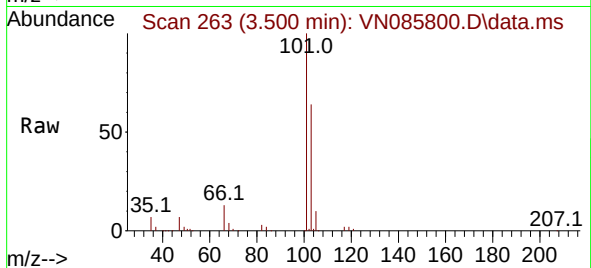
VSTDCCC050EC

Tgt Ion:101 Resp: 30114
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.4

Manual Integrations

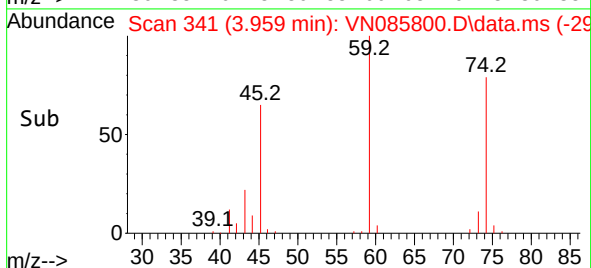
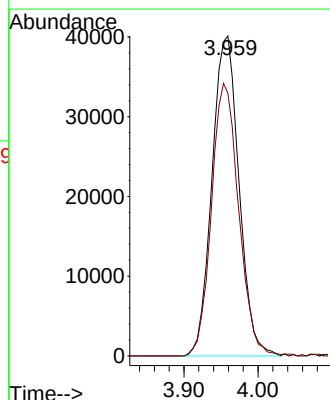
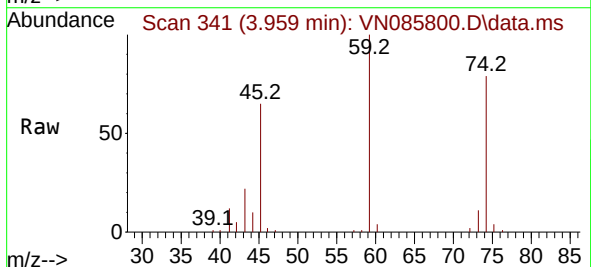
APPROVED

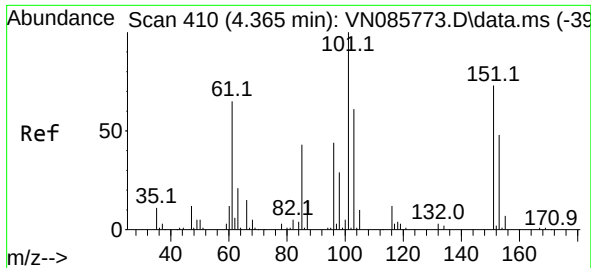
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#8
 Diethyl Ether
 Concen: 48.920 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

Tgt Ion: 74 Resp: 101511
 Ion Ratio Lower Upper
 74 100
 45 85.9 42.5 127.6





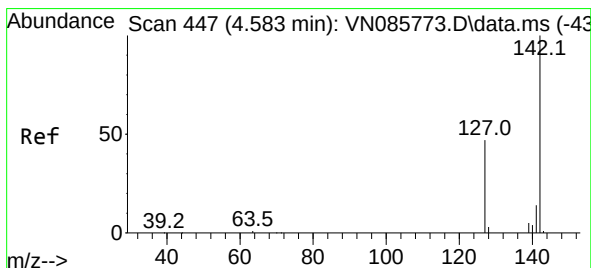
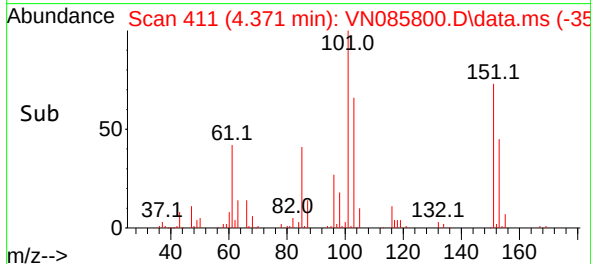
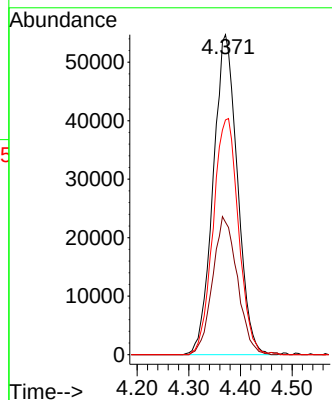
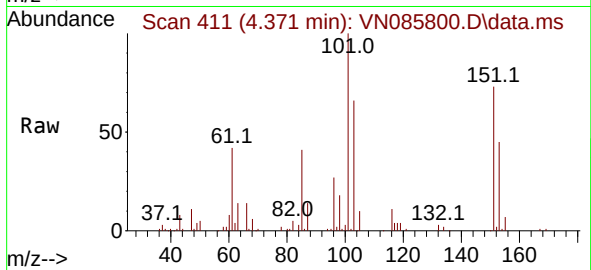
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.153 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 178509
Ion Ratio Lower Upper
101 100
85 43.8 35.7 53.5
151 76.8 61.4 92.2

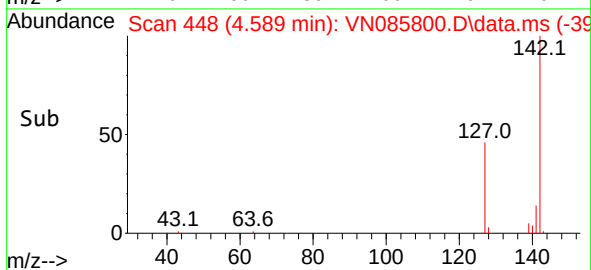
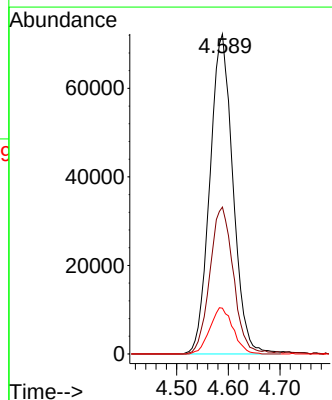
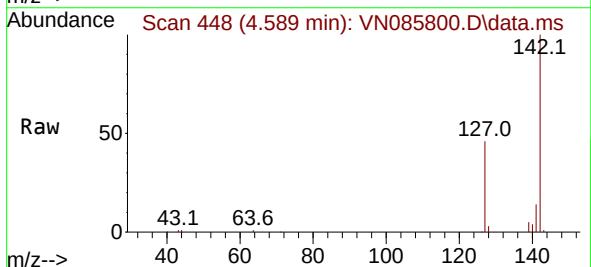
Manual Integrations
APPROVED

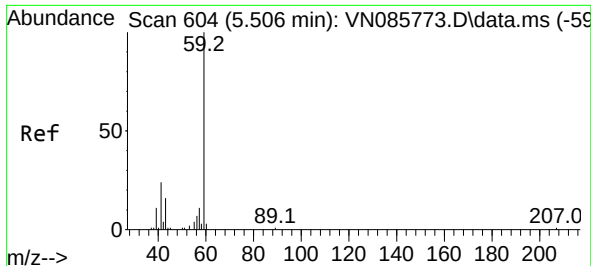
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#10
Methyl Iodide
Concen: 49.090 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

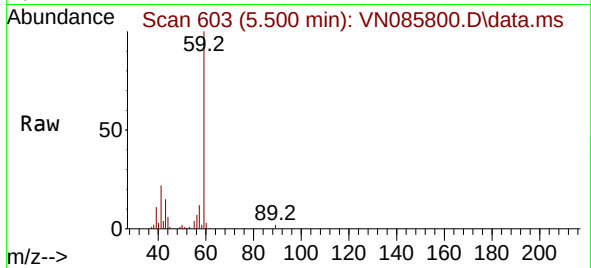
Tgt Ion:142 Resp: 224320
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 206.691 ug/l
RT: 5.500 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

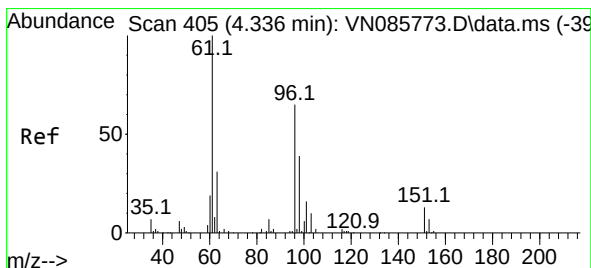
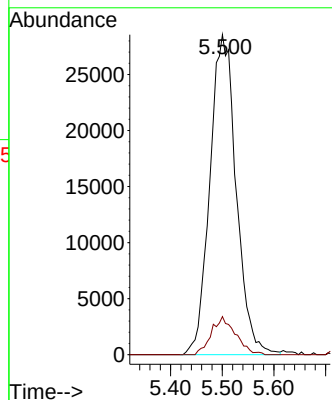
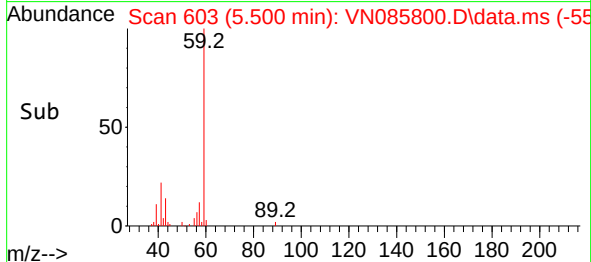
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



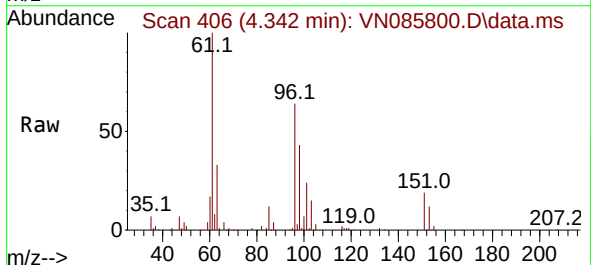
Tgt Ion: 59 Resp: 101019
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
APPROVED

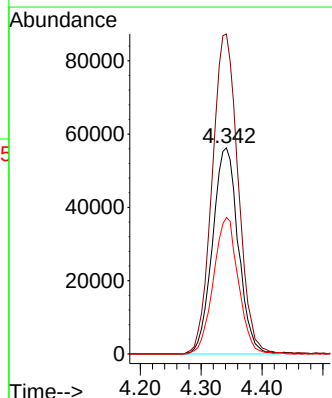
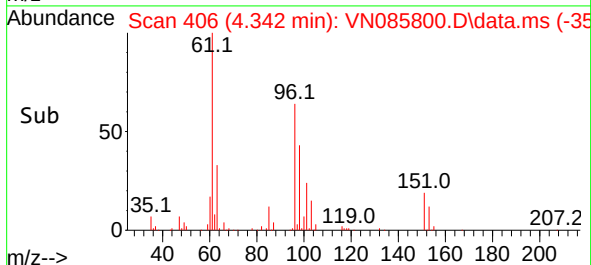
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

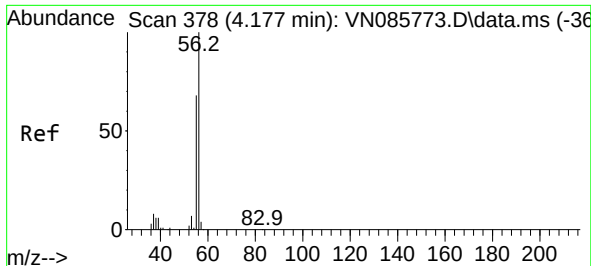


#12
1,1-Dichloroethene
Concen: 49.115 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



Tgt Ion: 96 Resp: 165089
Ion Ratio Lower Upper
96 100
61 155.2 123.3 184.9
98 66.2 48.6 72.8





#13

Acrolein

Concen: 240.888 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 174590

Ion Ratio Lower Upper

56 100

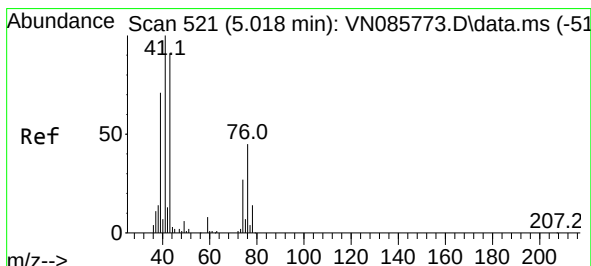
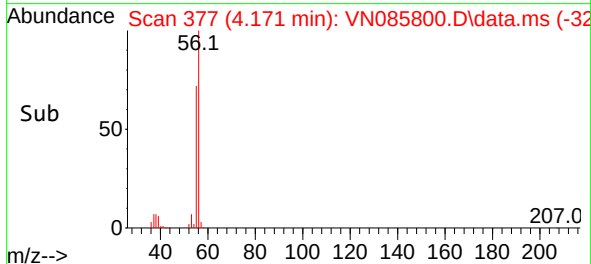
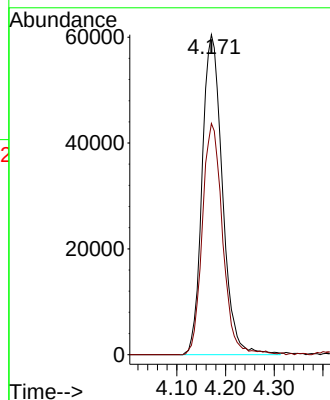
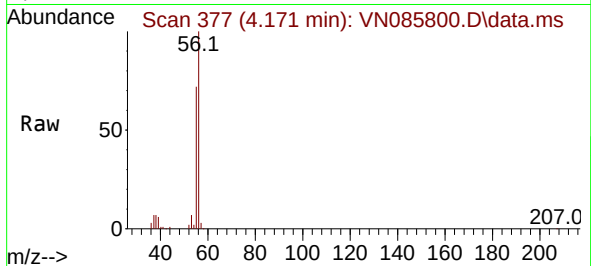
55 72.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#14

Allyl chloride

Concen: 49.292 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

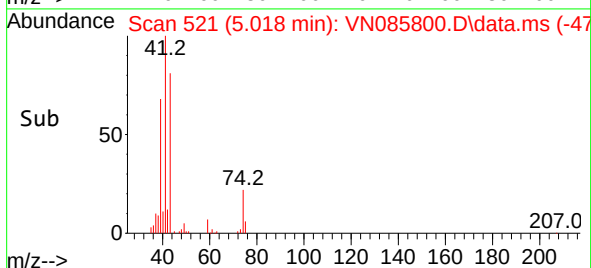
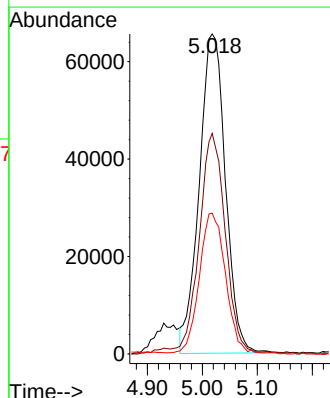
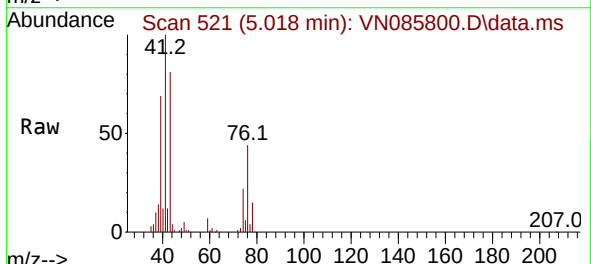
Tgt Ion: 41 Resp: 217529

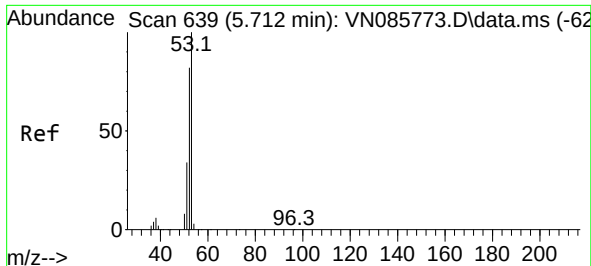
Ion Ratio Lower Upper

41 100

39 69.6 57.4 86.2

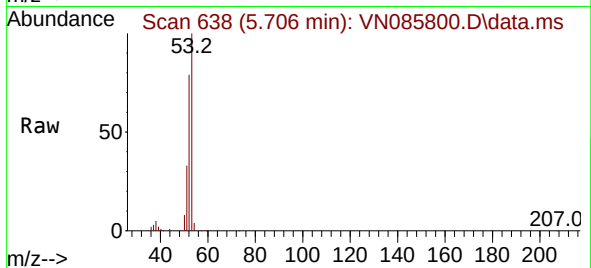
76 43.2 36.2 54.2





#15
Acrylonitrile
Concen: 225.350 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

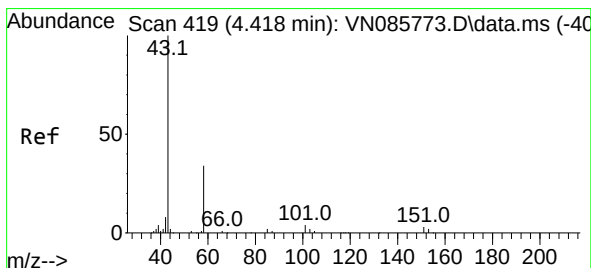
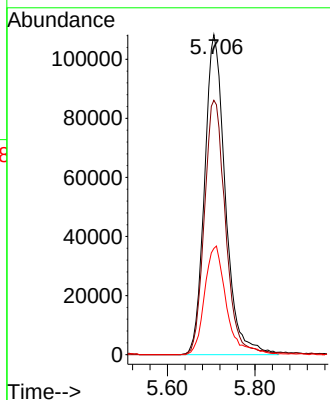
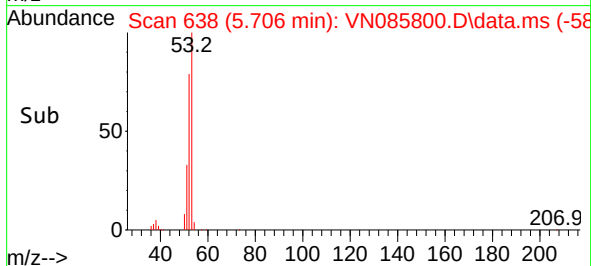
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 358052
Ion Ratio Lower Upper
53 100
52 80.8 65.8 98.6
51 35.8 28.6 42.8

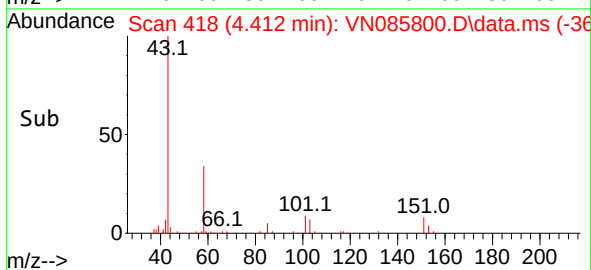
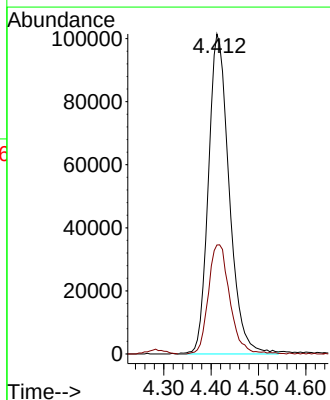
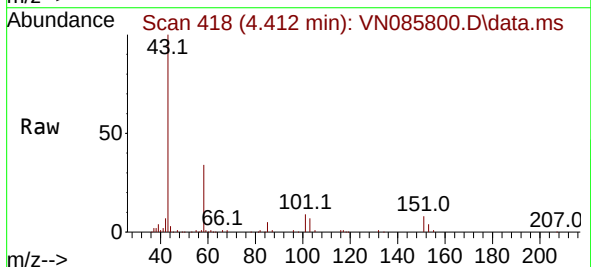
Manual Integrations
APPROVED

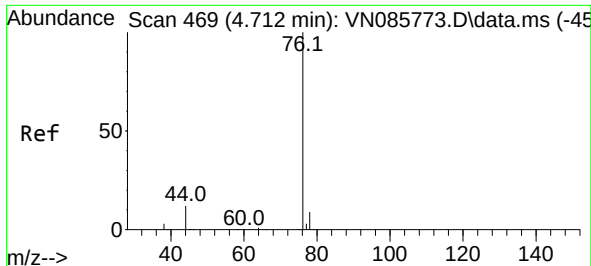
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#16
Acetone
Concen: 246.344 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion: 43 Resp: 309745
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3





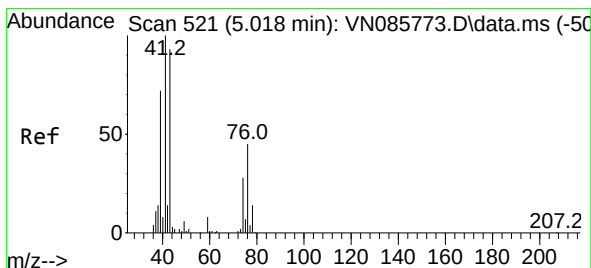
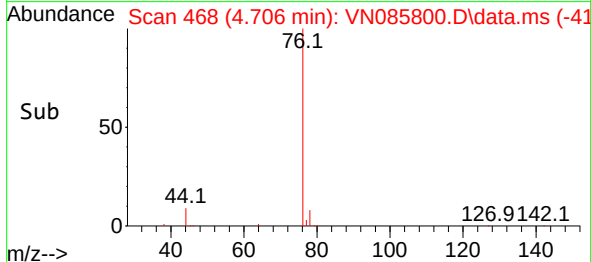
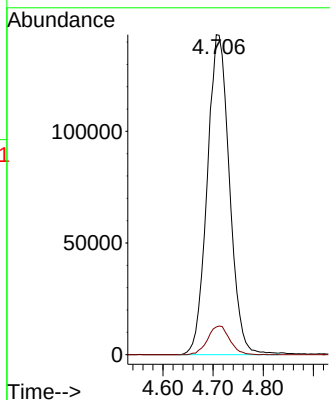
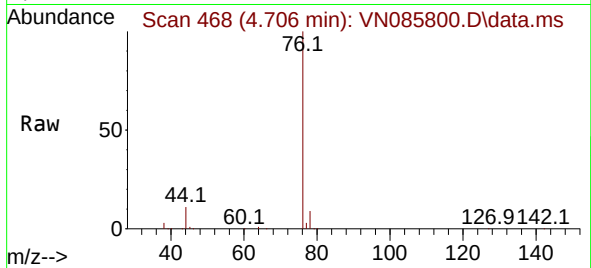
#17
Carbon Disulfide
Concen: 44.350 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 441800
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

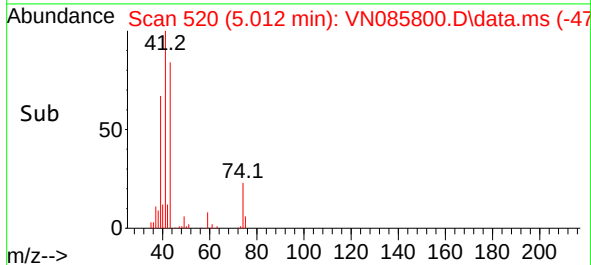
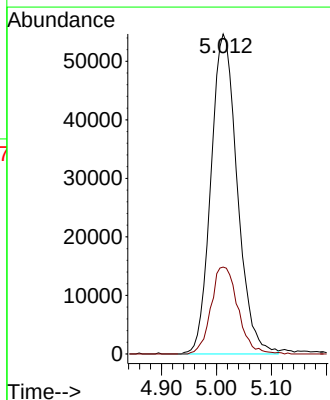
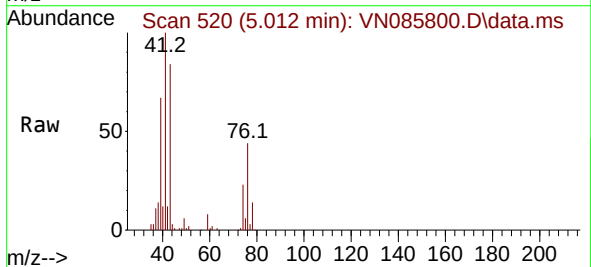
Manual Integrations
APPROVED

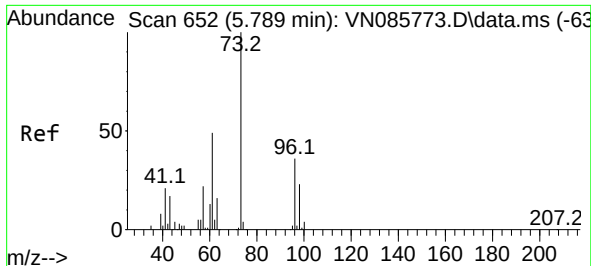
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#18
Methyl Acetate
Concen: 42.109 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion: 43 Resp: 182111
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.4





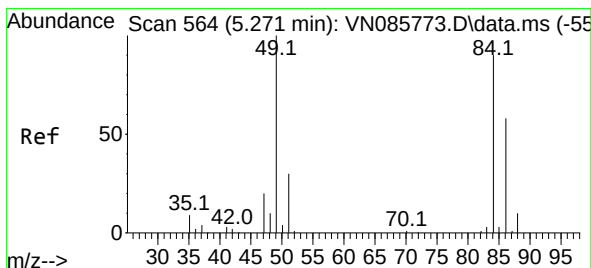
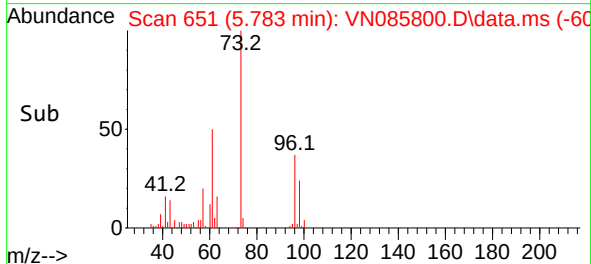
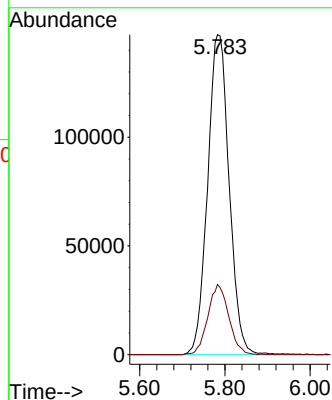
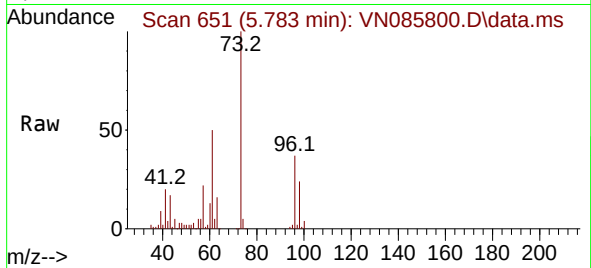
#19
Methyl tert-butyl Ether
Concen: 51.627 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 51566
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

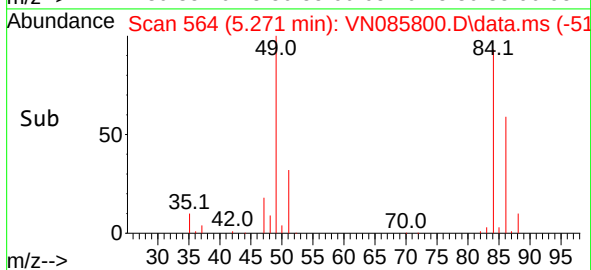
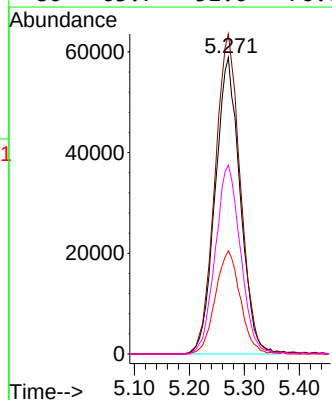
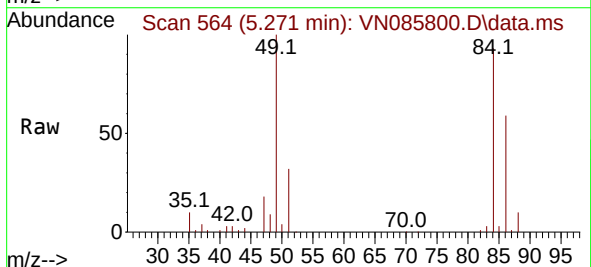
Manual Integrations
APPROVED

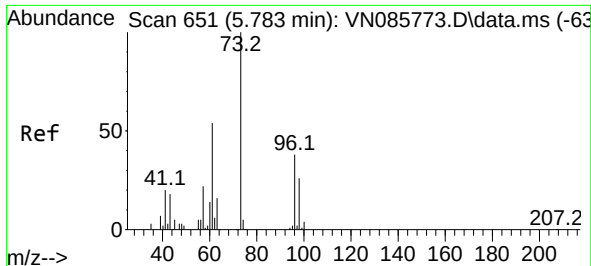
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#20
Methylene Chloride
Concen: 45.846 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

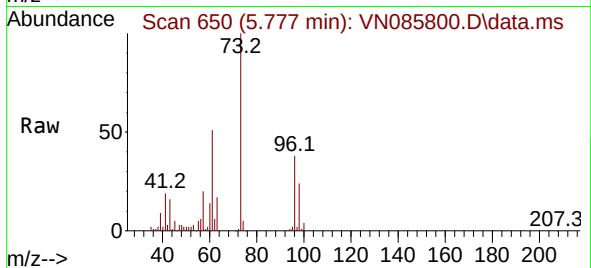
Tgt Ion: 84 Resp: 185379
Ion Ratio Lower Upper
84 100
49 108.0 88.4 132.6
51 34.8 26.6 40.0
86 63.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.709 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

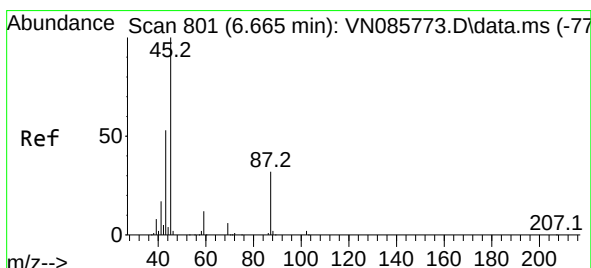
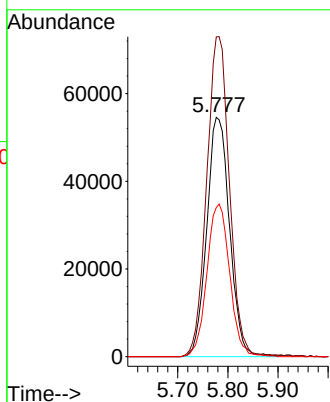
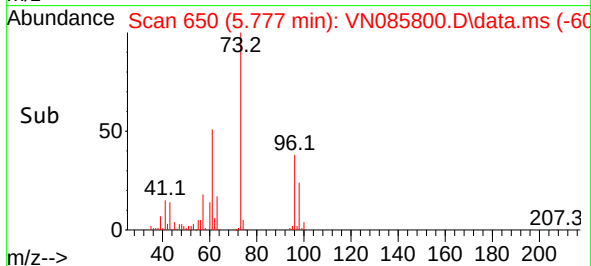
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 172679
Ion Ratio Lower Upper
96 100
61 133.6 112.6 168.8
98 62.3 53.3 79.9

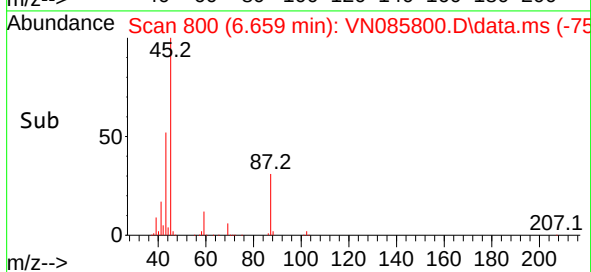
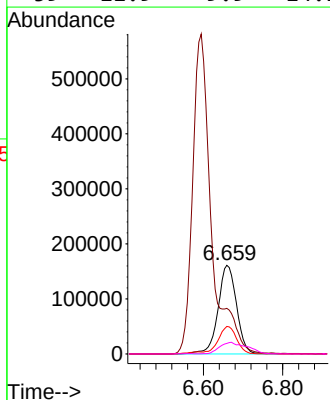
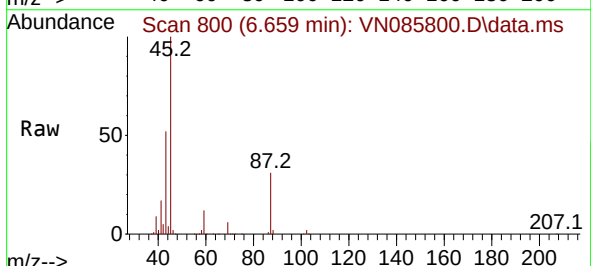
Manual Integrations
APPROVED

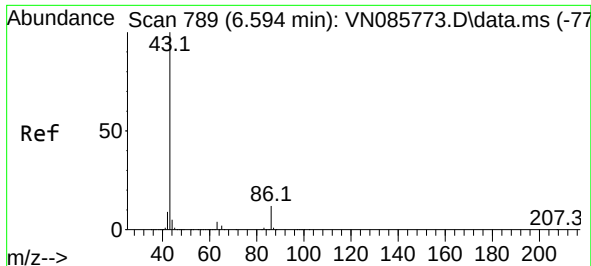
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#22
Diisopropyl ether
Concen: 52.267 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion: 45 Resp: 521199
Ion Ratio Lower Upper
45 100
43 50.7 42.6 64.0
87 30.9 25.8 38.8
59 11.9 9.9 14.9





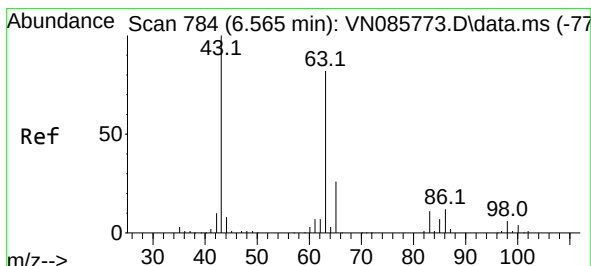
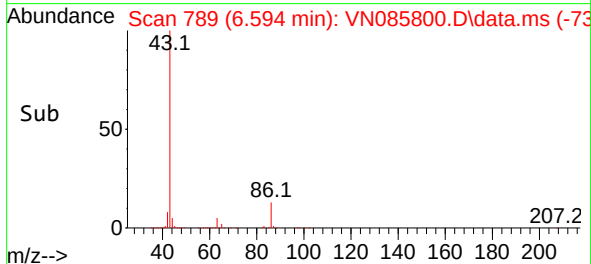
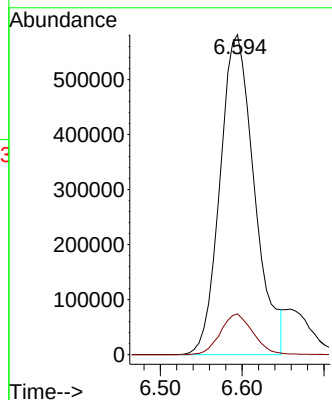
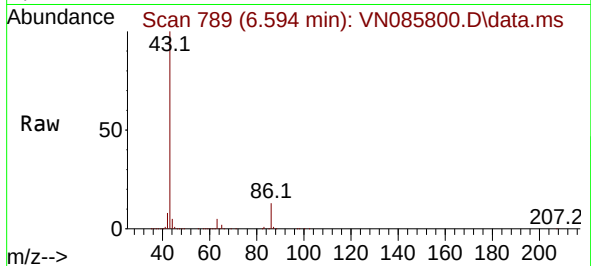
#23
 Vinyl Acetate
 Concen: 249.125 ug/l m
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1700960
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.8 14.8

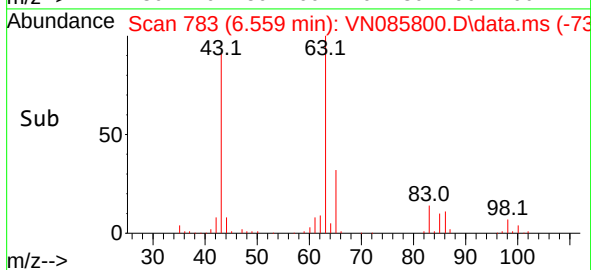
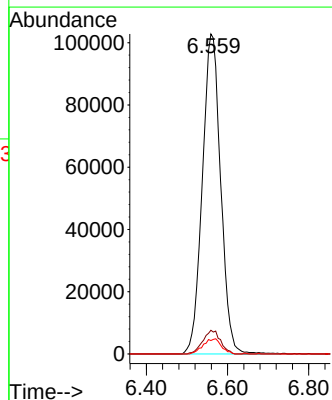
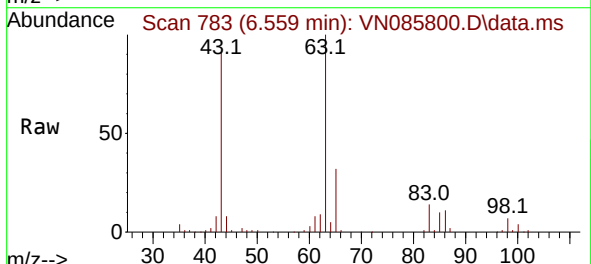
Manual Integrations
 APPROVED

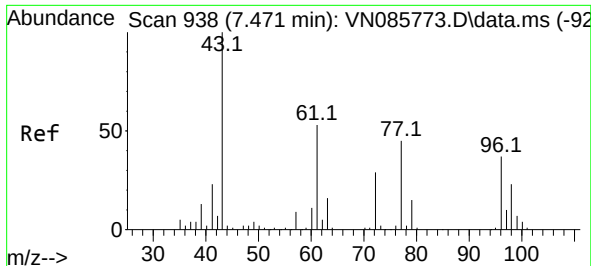
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#24
 1,1-Dichloroethane
 Concen: 47.500 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

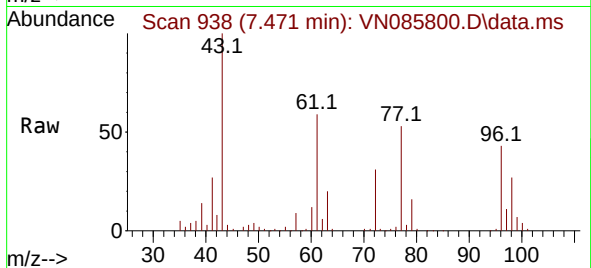
Tgt Ion: 63 Resp: 321989
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 232.951 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

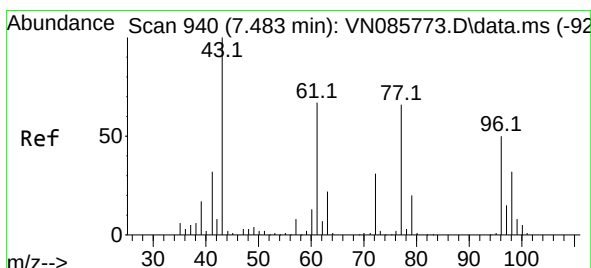
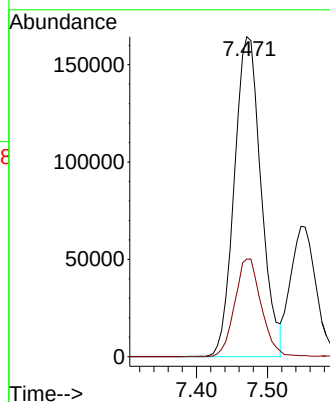
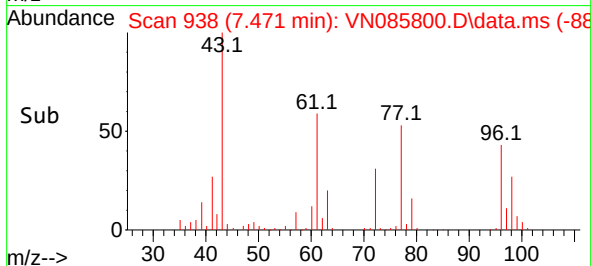
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



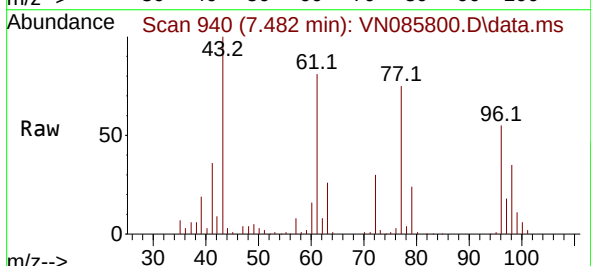
Tgt Ion: 43 Resp: 430918
Ion Ratio Lower Upper
43 100
72 30.5 23.6 35.4

Manual Integrations
APPROVED

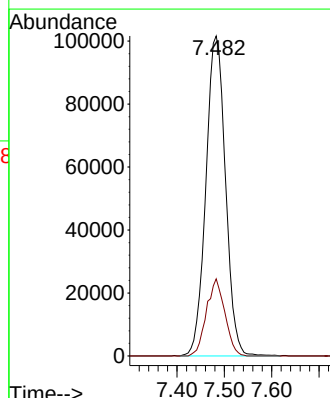
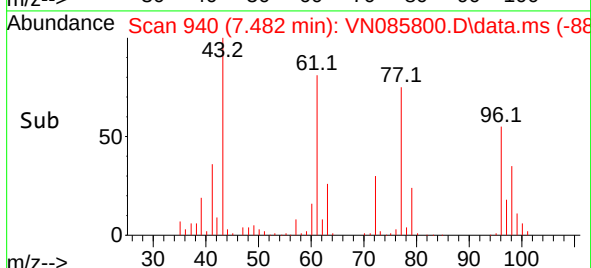
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

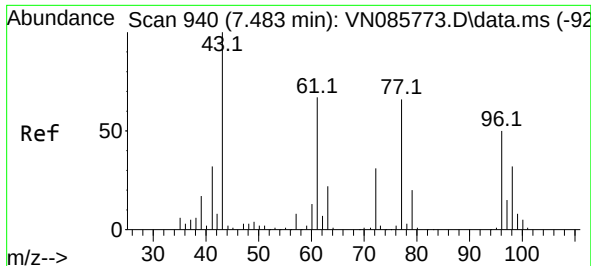


#26
2,2-Dichloropropane
Concen: 48.489 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



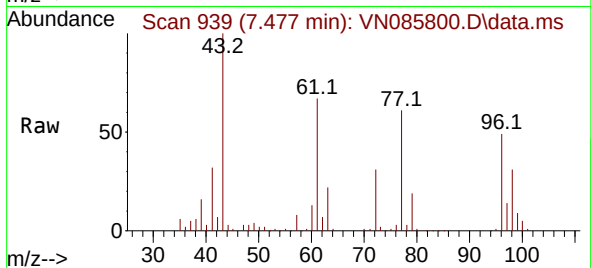
Tgt Ion: 77 Resp: 292280
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.465 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

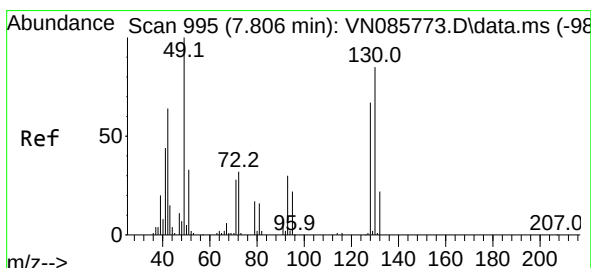
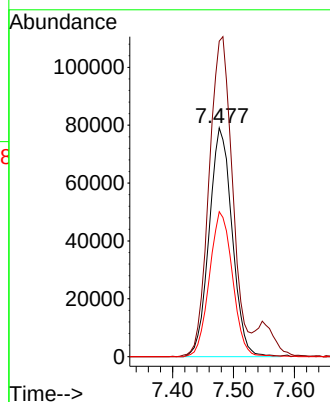
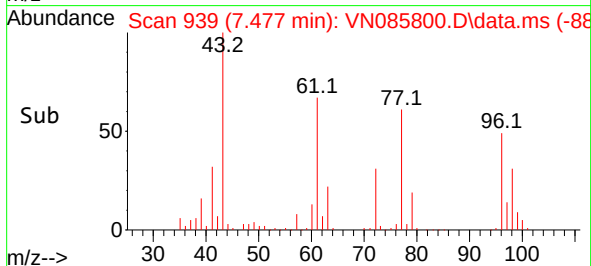
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 20758
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 280.6
 98 63.9 0.0 128.6

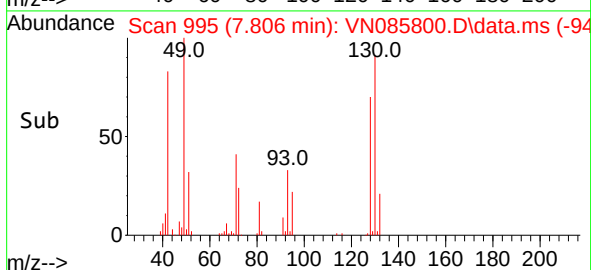
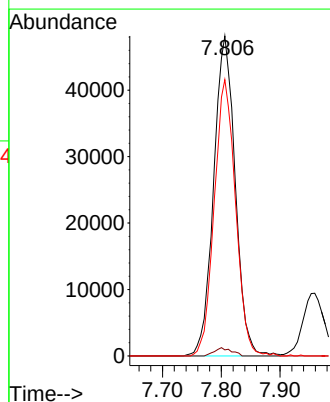
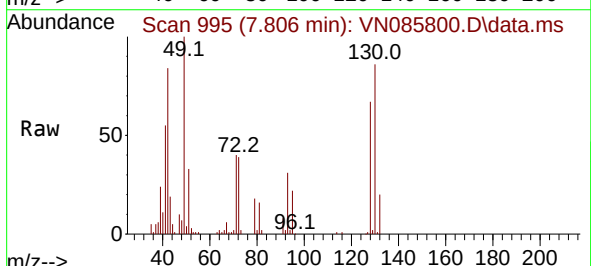
Manual Integrations
 APPROVED

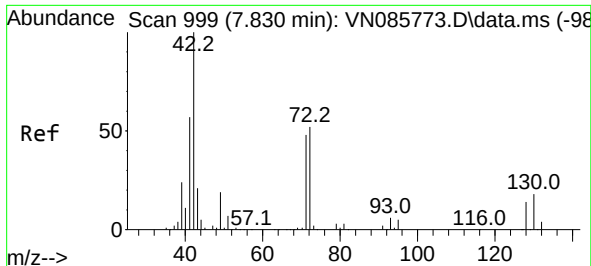
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#28
 Bromochloromethane
 Concen: 44.057 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

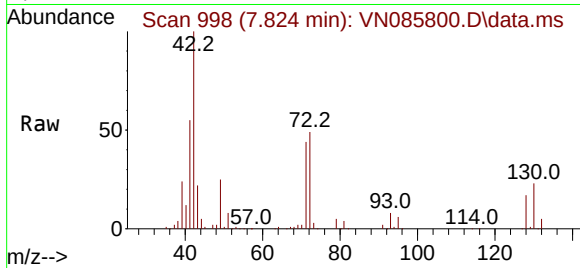
Tgt Ion: 49 Resp: 122748
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 85.4 68.0 102.0





#29
Tetrahydrofuran
Concen: 232.929 ug/l
RT: 7.824 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

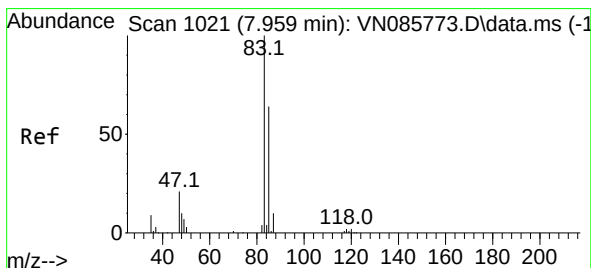
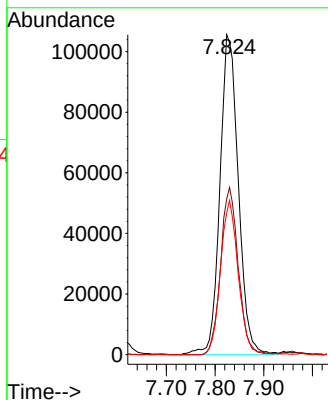
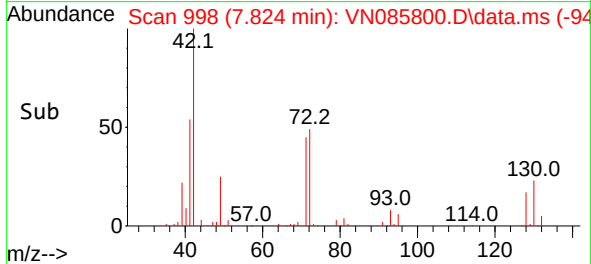
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



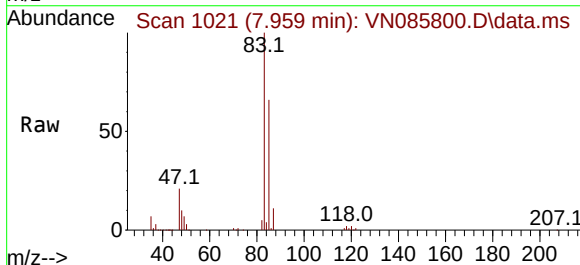
Tgt Ion: 42 Resp: 27823
Ion Ratio Lower Upper
42 100
72 49.9 40.0 60.0
71 46.4 37.0 55.4

Manual Integrations
APPROVED

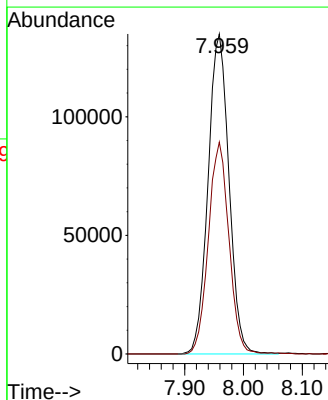
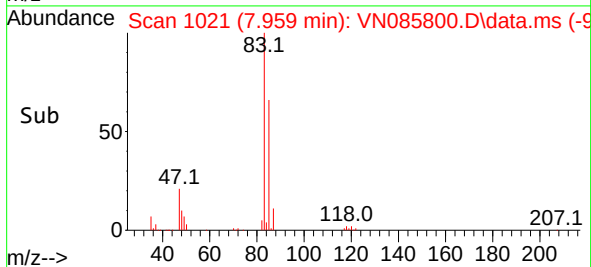
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

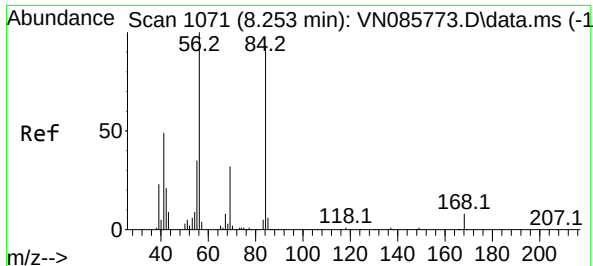


#30
Chloroform
Concen: 47.002 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



Tgt Ion: 83 Resp: 332961
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3





#31

Cyclohexane

Concen: 46.062 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 26143

Ion Ratio Lower Upper

56 100

69 30.6 25.8 38.6

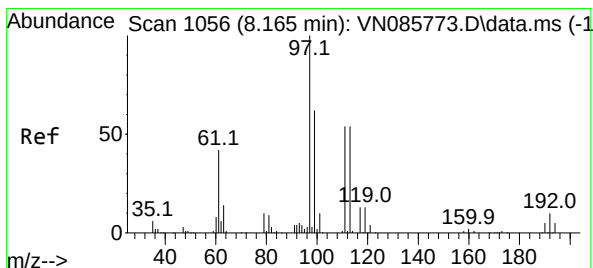
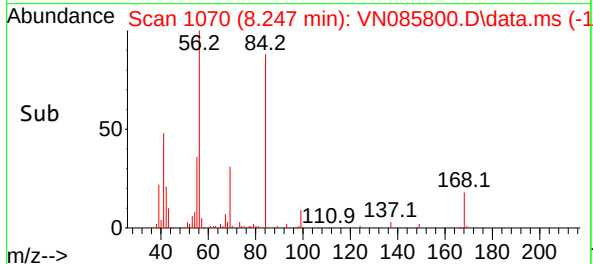
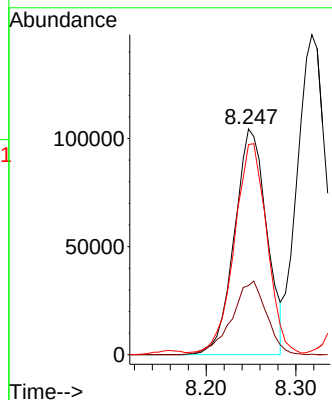
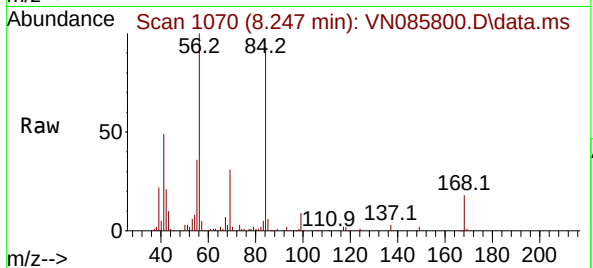
84 91.6 74.5 111.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#32

1,1,1-Trichloroethane

Concen: 47.611 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

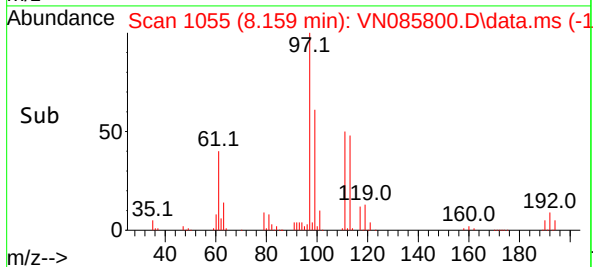
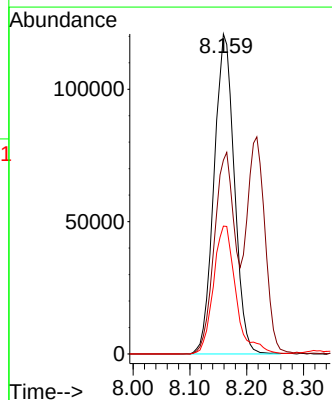
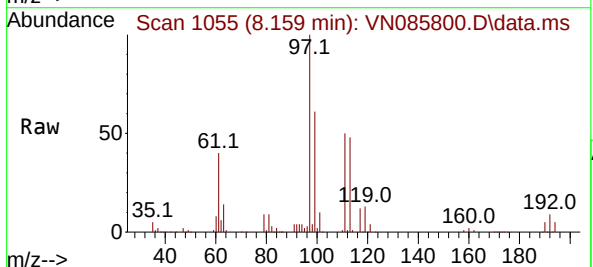
Tgt Ion: 97 Resp: 299993

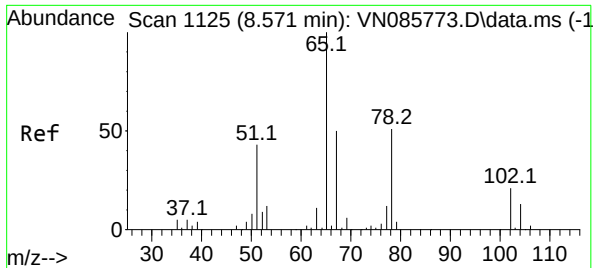
Ion Ratio Lower Upper

97 100

99 64.0 50.4 75.6

61 44.3 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 41.376 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

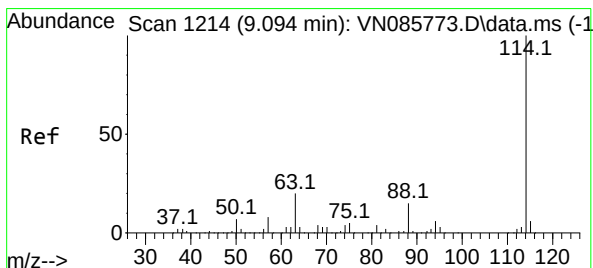
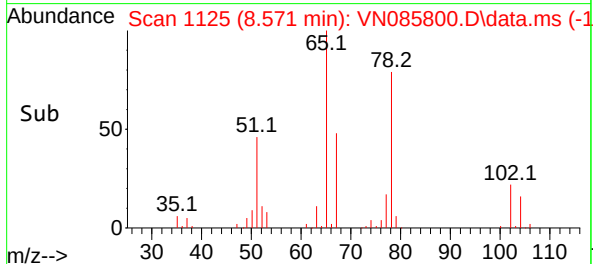
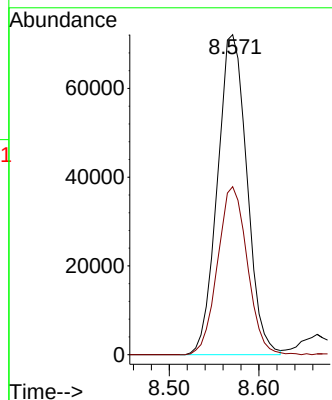
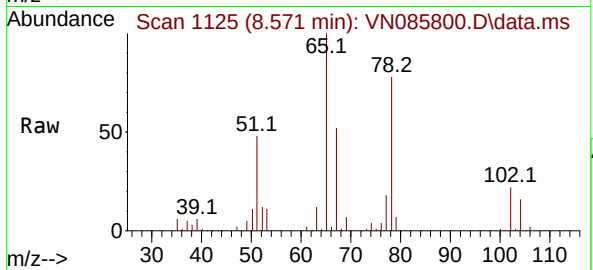
VSTDCCC050EC

Tgt Ion: 65 Resp: 164418
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

Manual Integrations

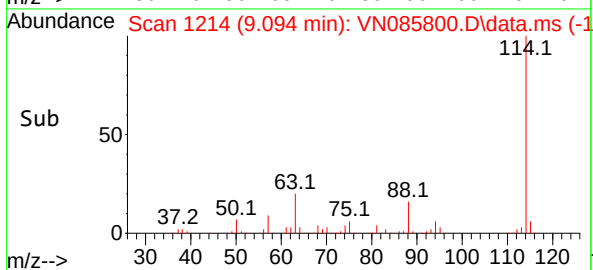
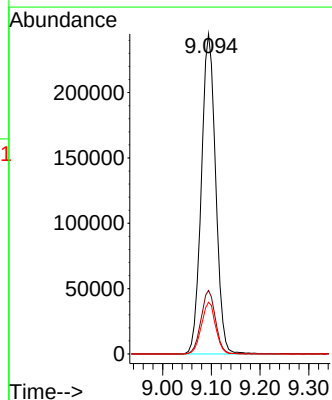
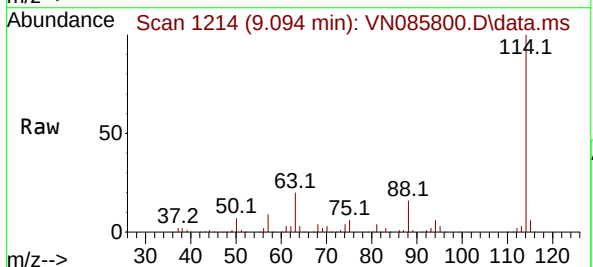
APPROVED

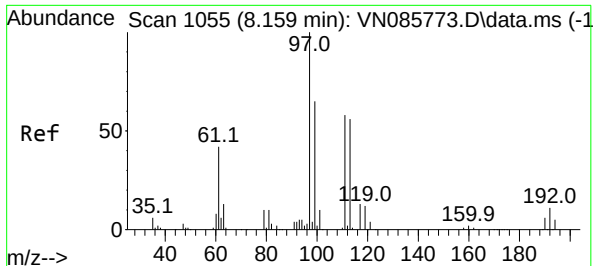
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion:114 Resp: 499044
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.503 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 138794

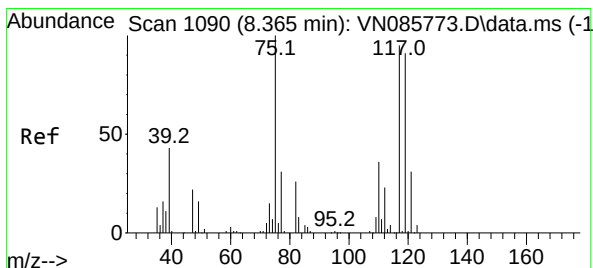
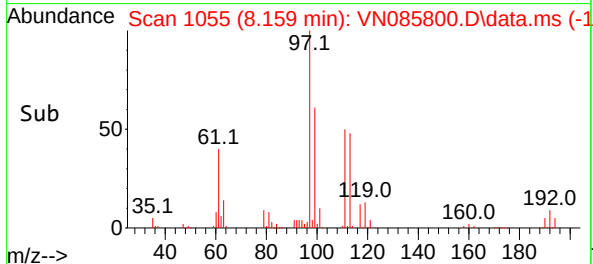
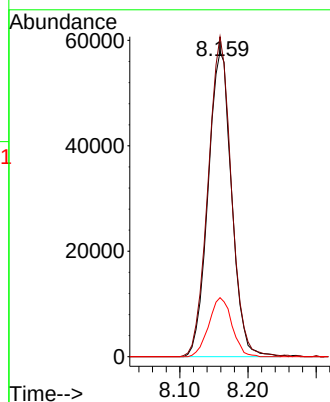
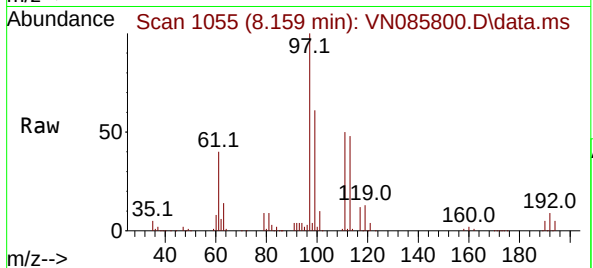
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	19.0	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#36

1,1-Dichloropropene

Concen: 51.107 ug/l

RT: 8.365 min Scan# 1090

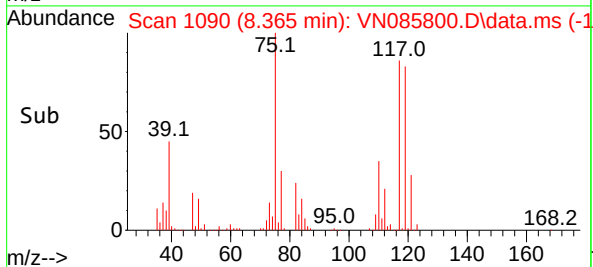
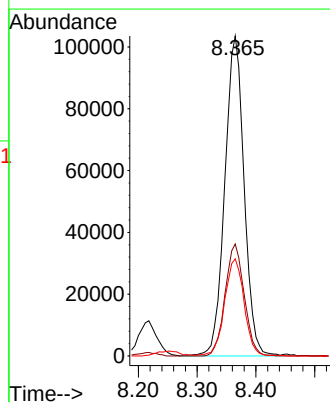
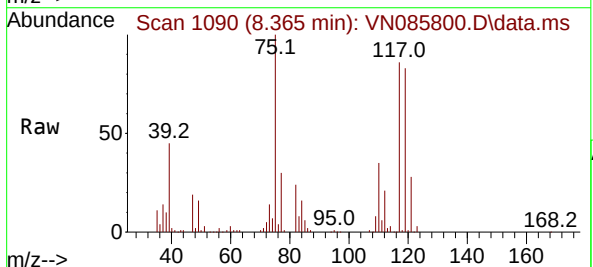
Delta R.T. -0.000 min

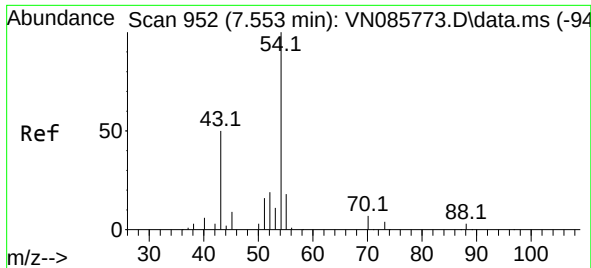
Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Tgt Ion: 75 Resp: 236196

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	52.0
77	30.7	24.6	37.0





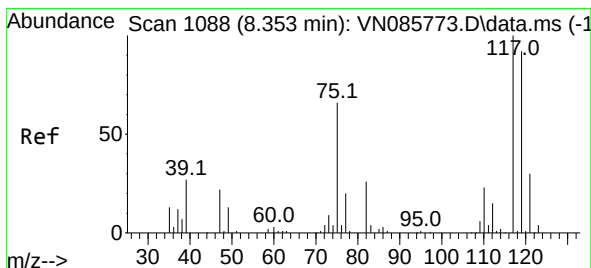
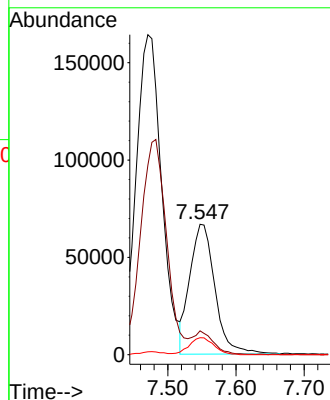
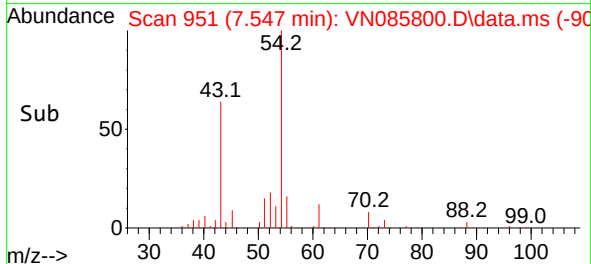
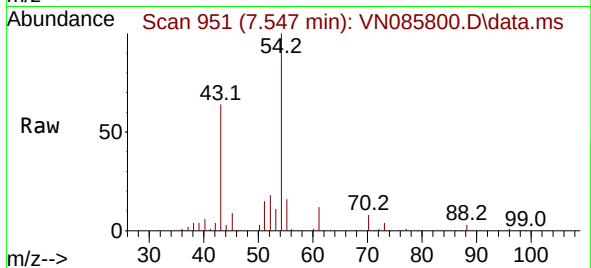
#37
Ethyl Acetate
Concen: 44.839 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17053
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 12.9 9.5 14.3

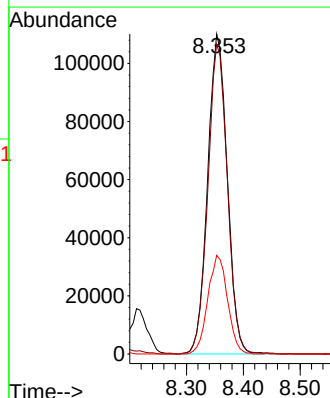
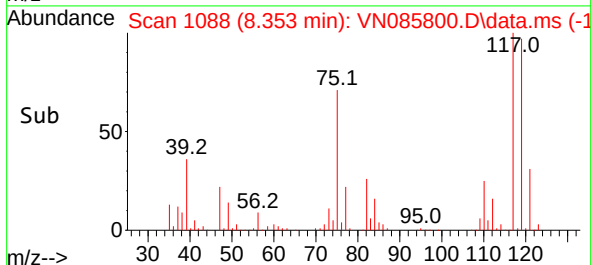
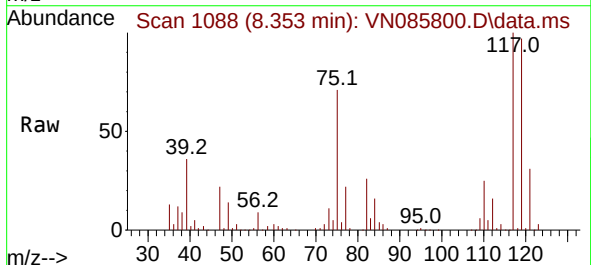
Manual Integrations
APPROVED

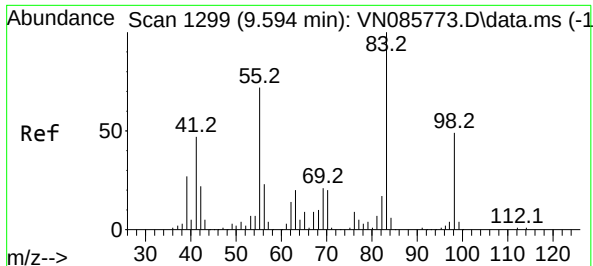
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#38
Carbon Tetrachloride
Concen: 48.096 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion:117 Resp: 264114
Ion Ratio Lower Upper
117 100
119 96.9 73.8 110.6
121 30.8 24.3 36.5





#39

Methylcyclohexane

Concen: 55.131 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 250300

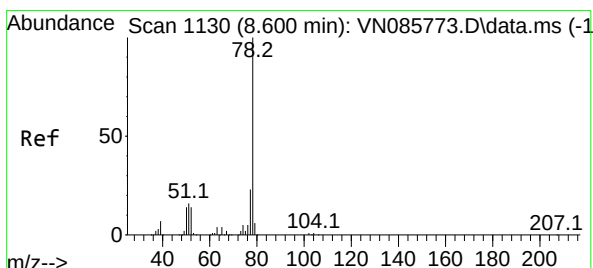
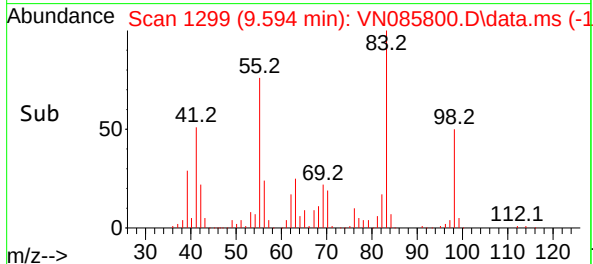
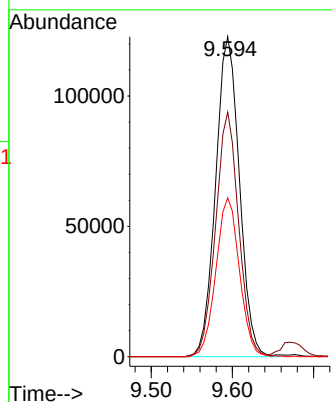
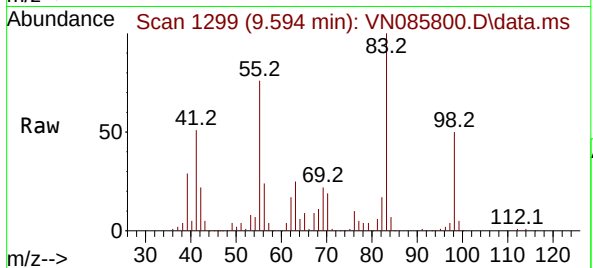
Ion	Ratio	Lower	Upper
83	100		
55	76.5	57.5	86.3
98	49.7	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#40

Benzene

Concen: 49.360 ug/l

RT: 8.600 min Scan# 1130

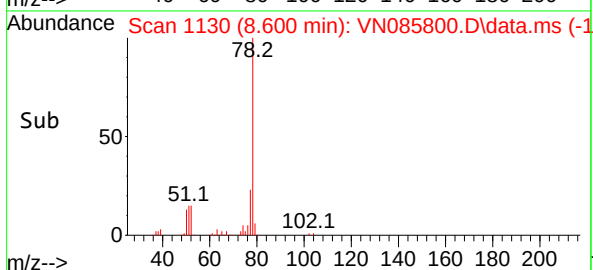
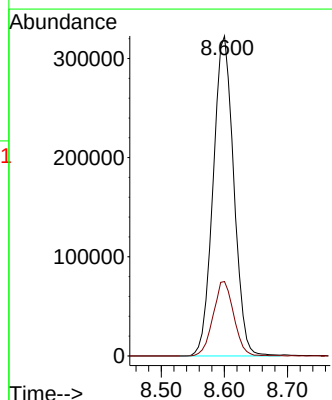
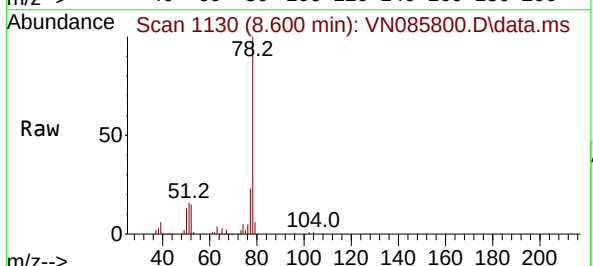
Delta R.T. -0.000 min

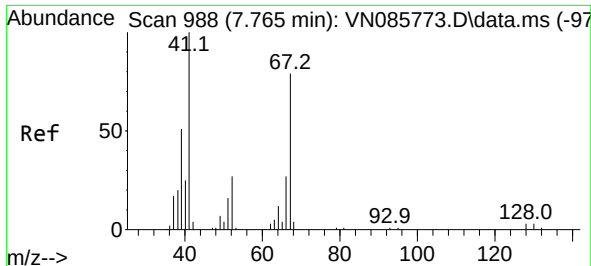
Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Tgt Ion: 78 Resp: 731150

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





#41
Methacrylonitrile
Concen: 48.219 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

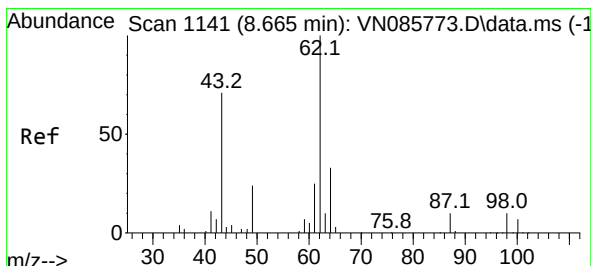
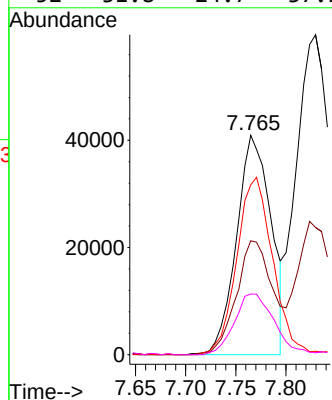
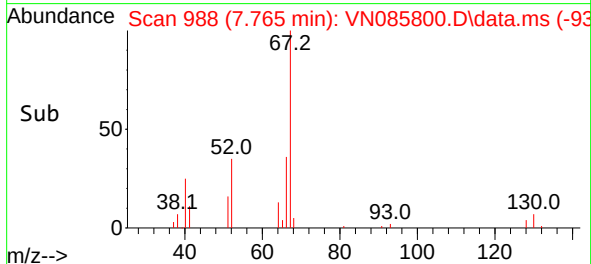
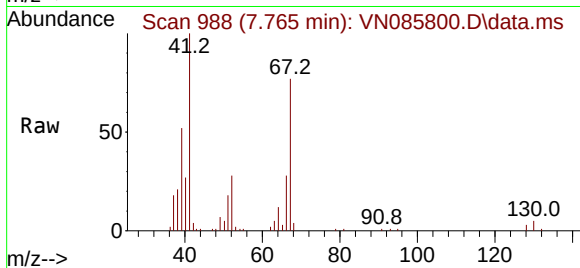
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 9803
Ion Ratio Lower Upper
41 100
39 56.0 42.0 63.0
67 84.6 64.2 96.4
52 31.8 24.7 37.1

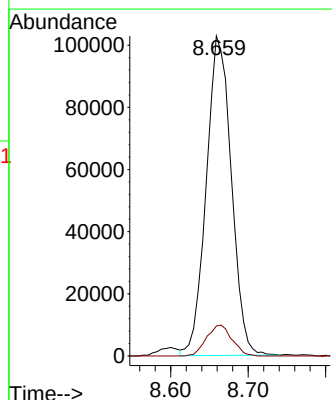
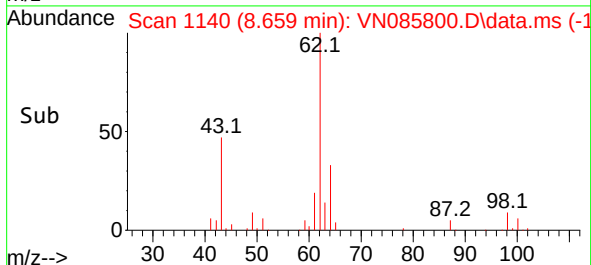
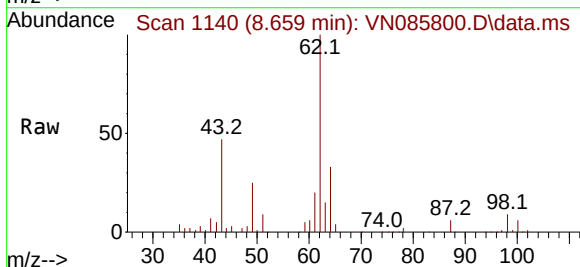
Manual Integrations
APPROVED

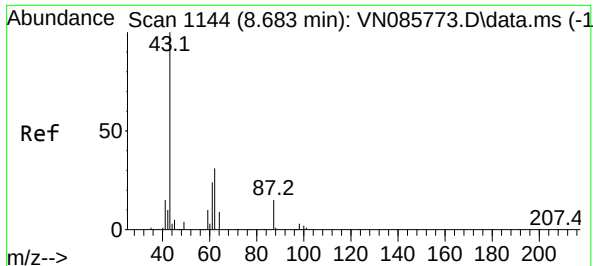
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#42
1,2-Dichloroethane
Concen: 47.881 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

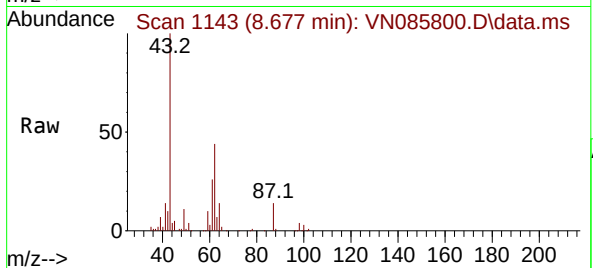
Tgt Ion: 62 Resp: 231016
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.866 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

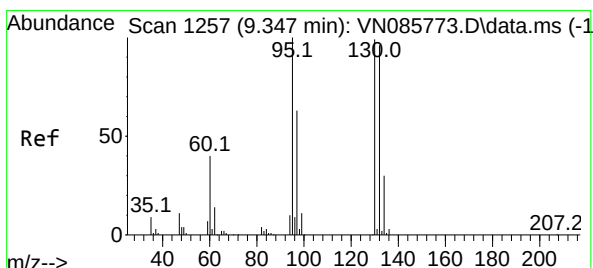
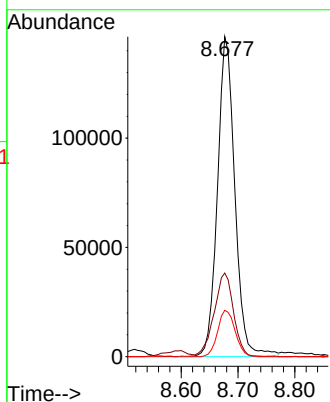
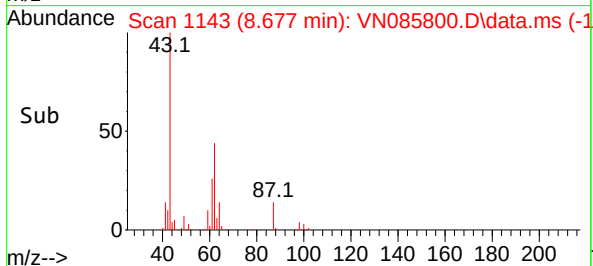
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
61 28.7 22.6 34.0
87 14.5 11.8 17.8

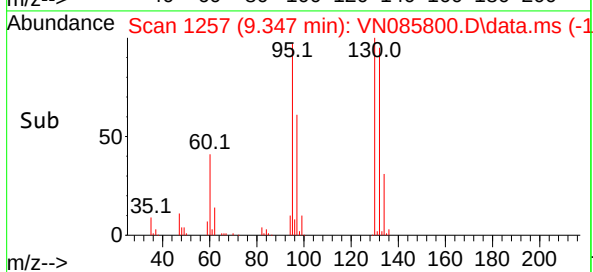
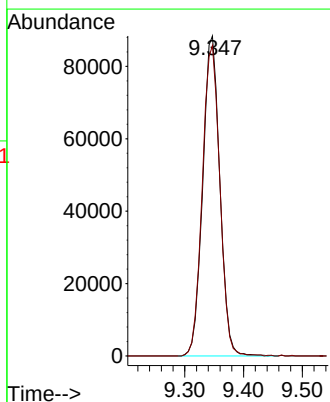
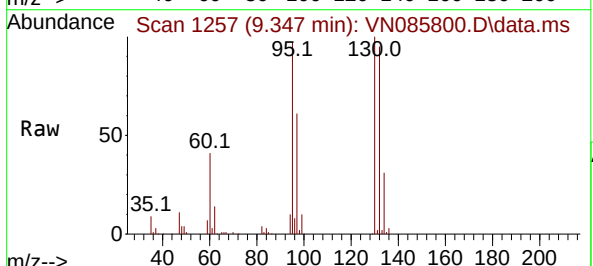
Manual Integrations
APPROVED

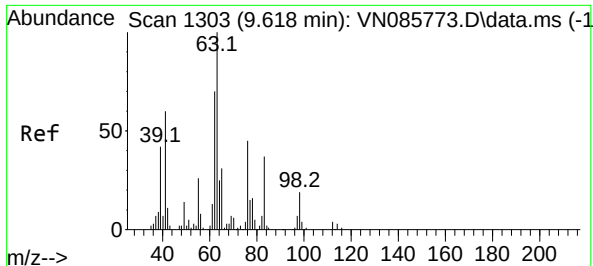
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#44
Trichloroethene
Concen: 49.087 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion:130 Resp: 178526
Ion Ratio Lower Upper
130 100
95 97.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 49.632 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 177458

Ion Ratio Lower Upper

63 100

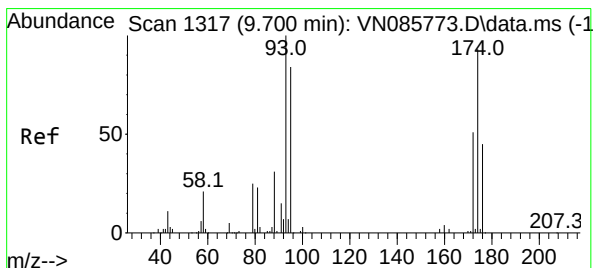
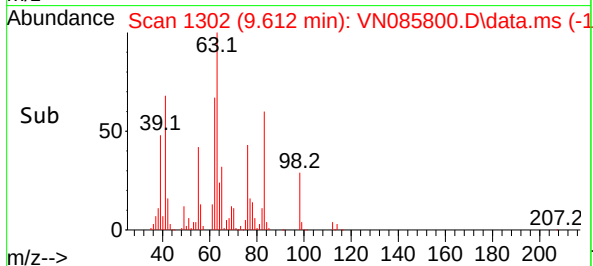
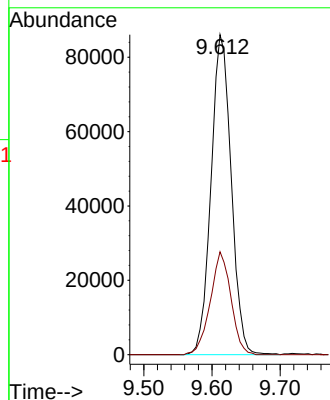
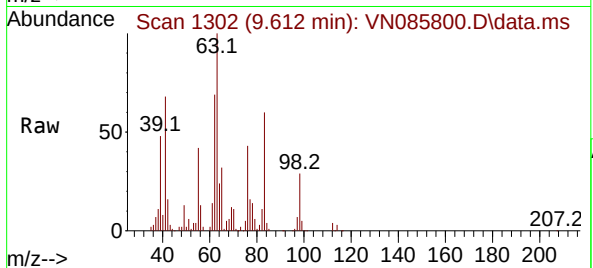
65 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#46

Dibromomethane

Concen: 47.890 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

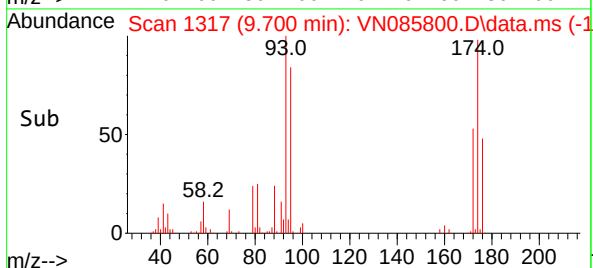
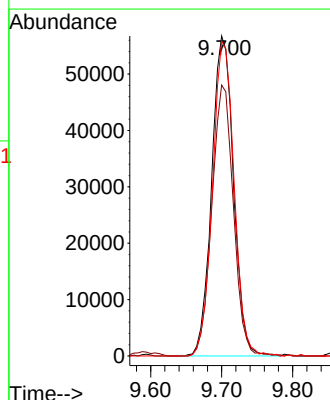
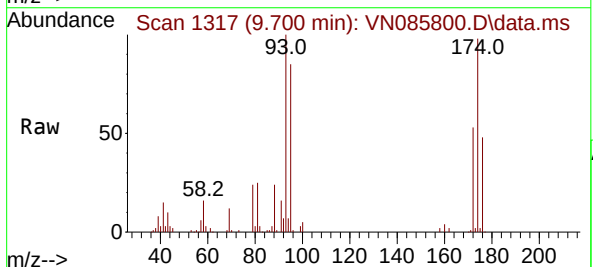
Tgt Ion: 93 Resp: 120777

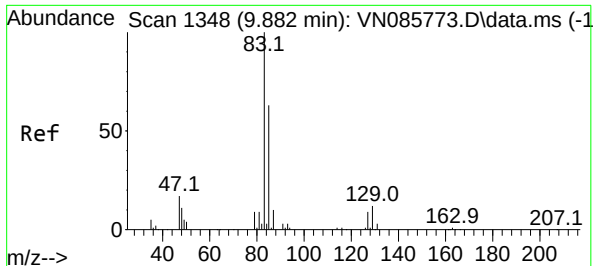
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

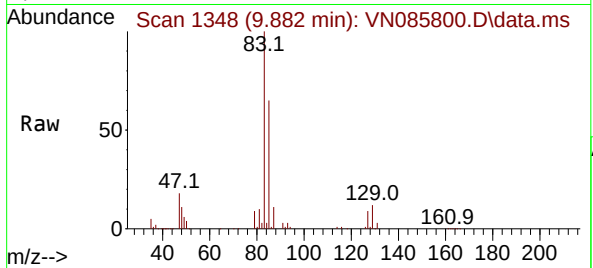
174 97.2 77.2 115.8





#47
Bromodichloromethane
Concen: 48.636 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

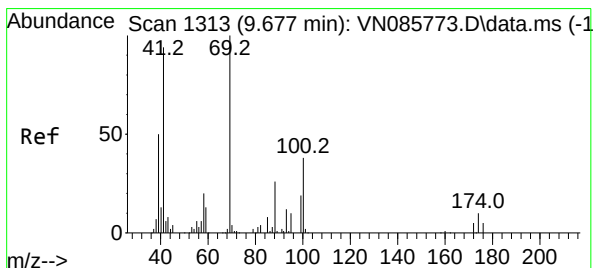
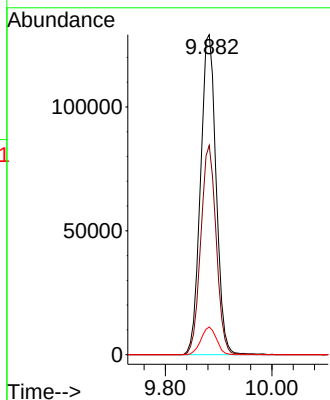
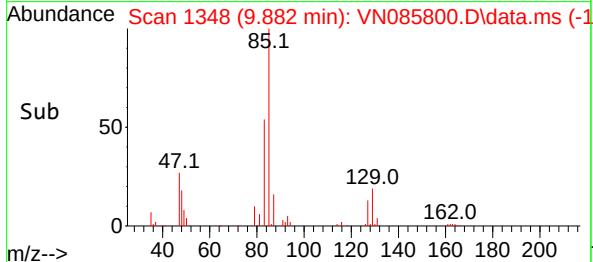
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



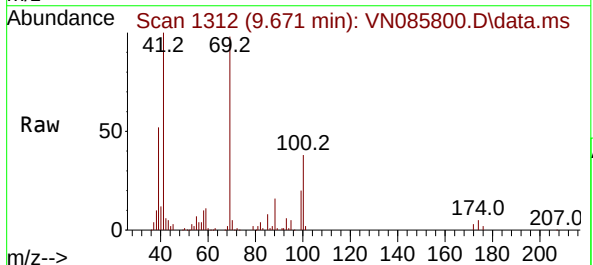
Tgt Ion: 83 Resp: 262428
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 8.7 7.2 10.8

Manual Integrations
APPROVED

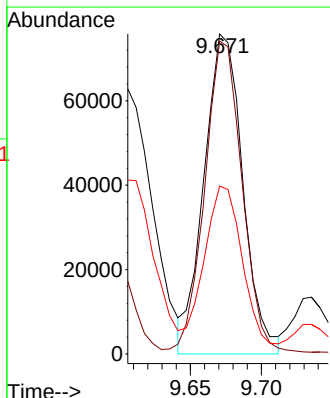
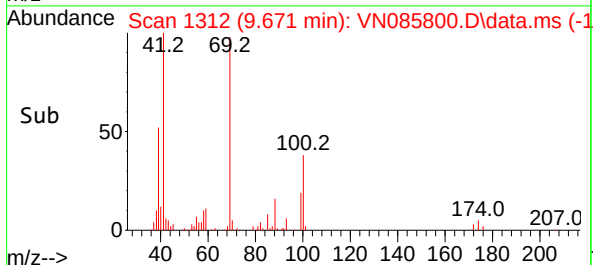
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

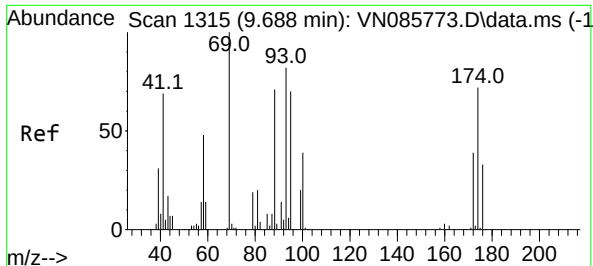


#48
Methyl methacrylate
Concen: 51.065 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



Tgt Ion: 41 Resp: 144235
Ion Ratio Lower Upper
41 100
69 95.3 76.0 114.0
39 53.7 42.3 63.5





#49

1,4-Dioxane

Concen: 909.179 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 48834

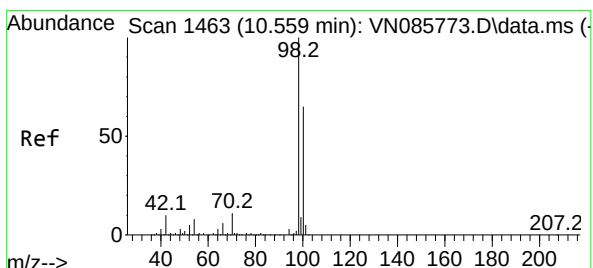
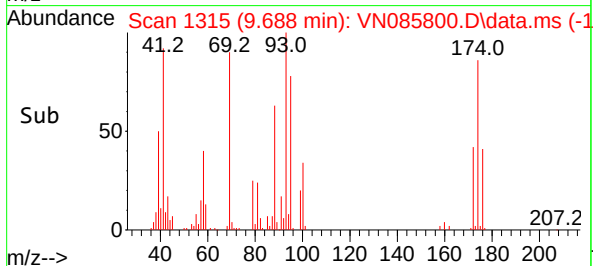
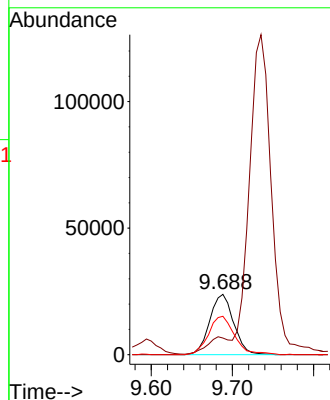
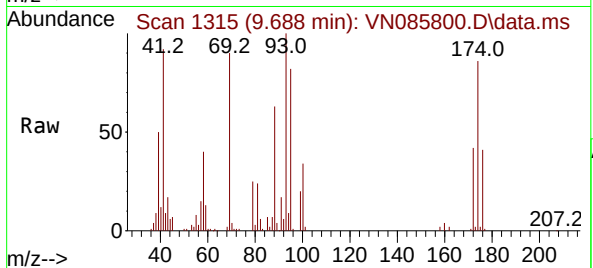
Ion	Ratio	Lower	Upper
88	100		
43	28.7	18.6	27.8
58	69.4	56.7	85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#50

Toluene-d8

Concen: 44.356 ug/l

RT: 10.559 min Scan# 1463

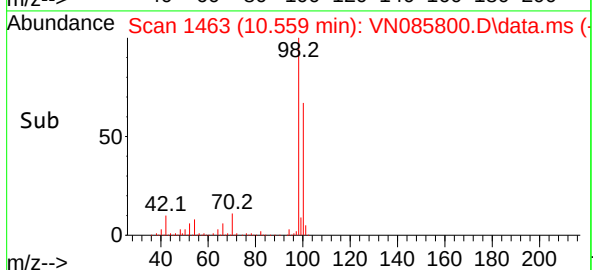
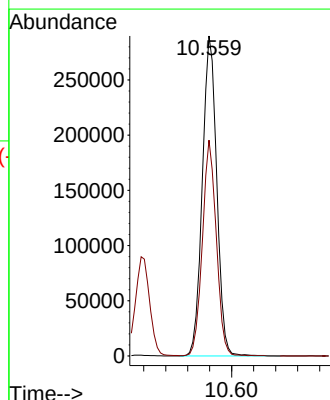
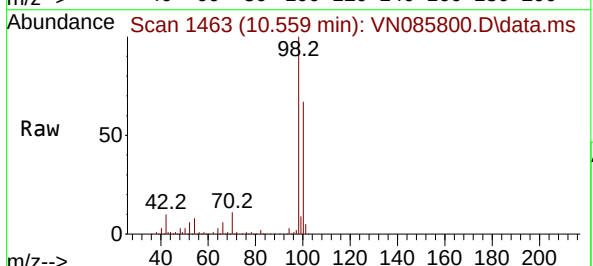
Delta R.T. -0.000 min

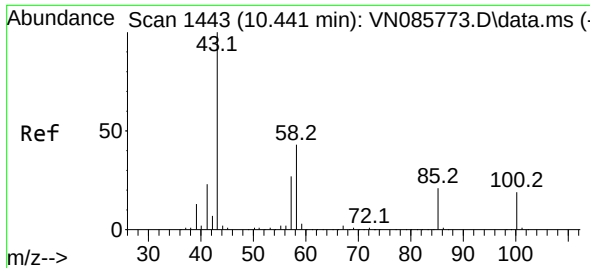
Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Tgt Ion: 98 Resp: 526990

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1





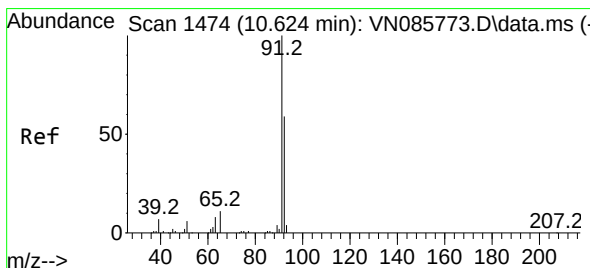
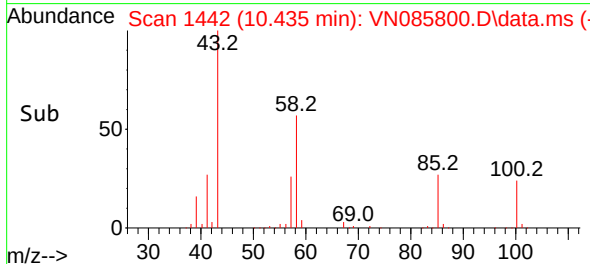
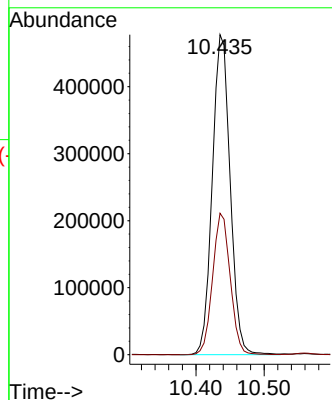
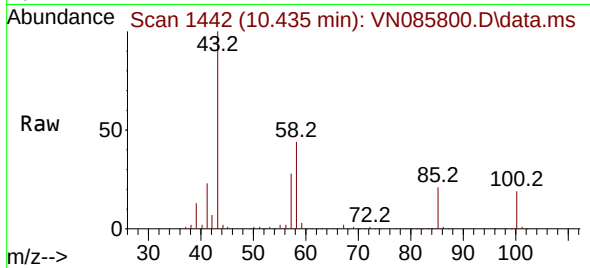
#51
4-Methyl-2-Pentanone
Concen: 237.734 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 87174
Ion Ratio Lower Upper
43 100
58 43.5 34.6 52.0

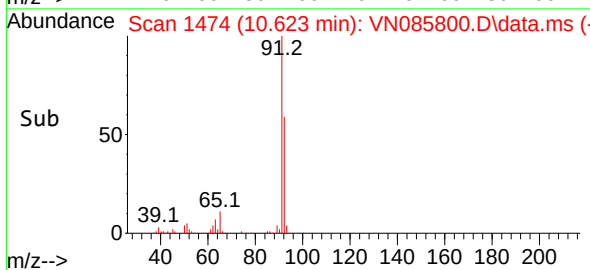
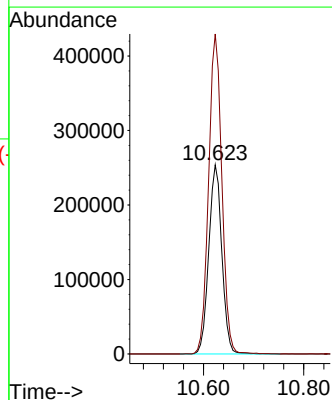
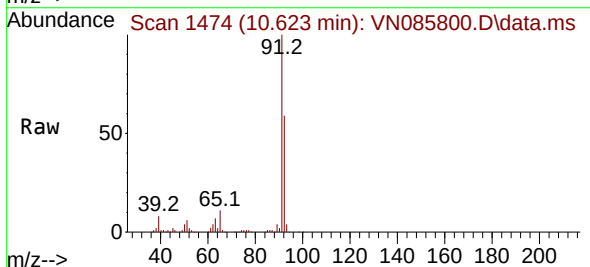
Manual Integrations
APPROVED

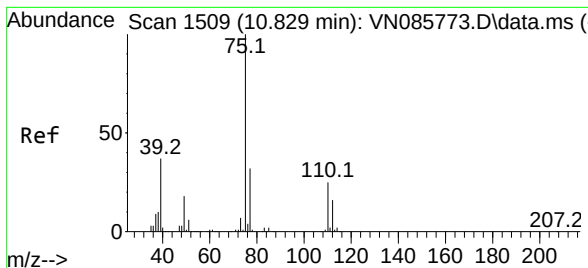
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#52
Toluene
Concen: 52.943 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

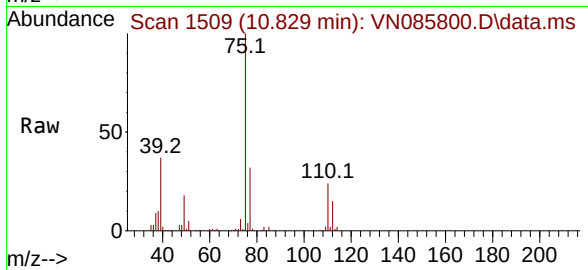
Tgt Ion: 92 Resp: 459698
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 52.866 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

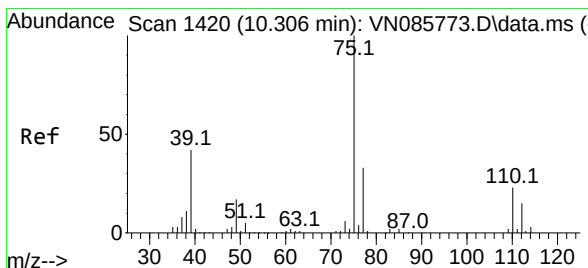
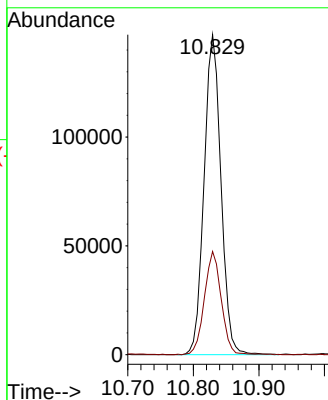
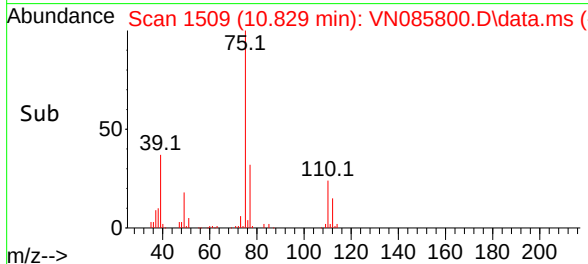
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



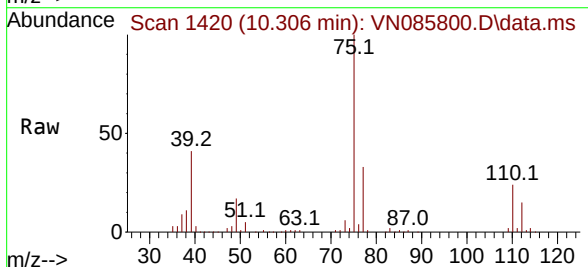
Tgt Ion: 75 Resp: 263768
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

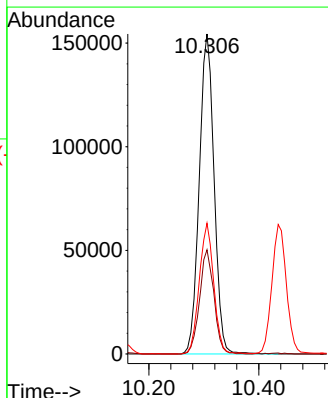
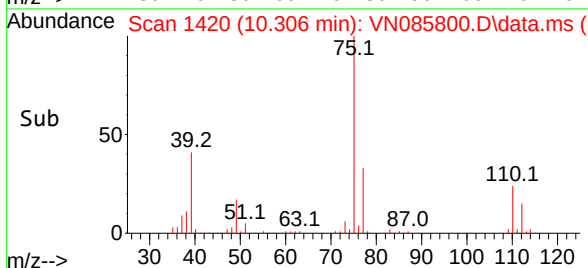
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

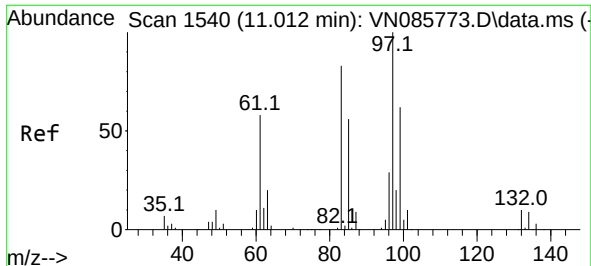


#54
cis-1,3-Dichloropropene
Concen: 52.845 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



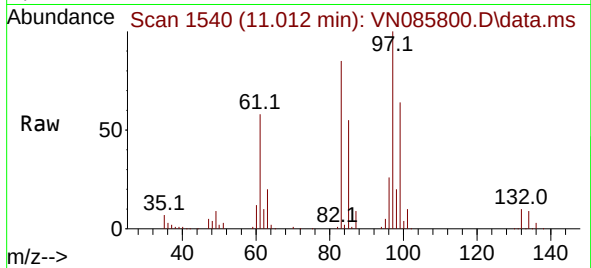
Tgt Ion: 75 Resp: 289123
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 40.8 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 48.257 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

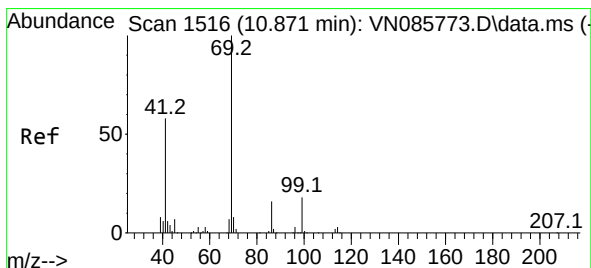
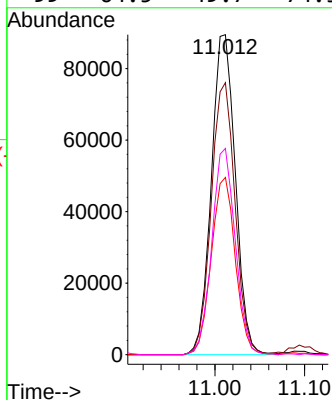
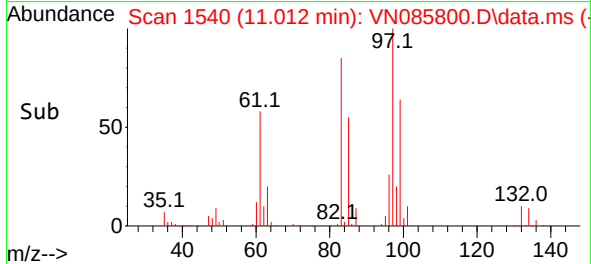


Tgt Ion: 97 Resp: 16659

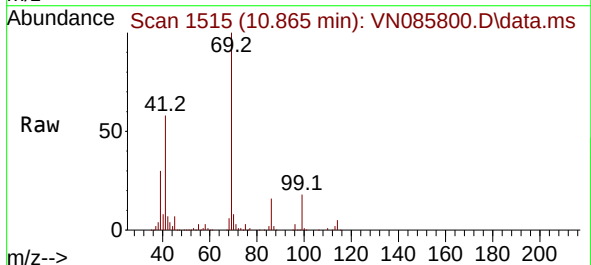
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.1	99.1
85	55.4	44.7	67.1
99	64.5	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

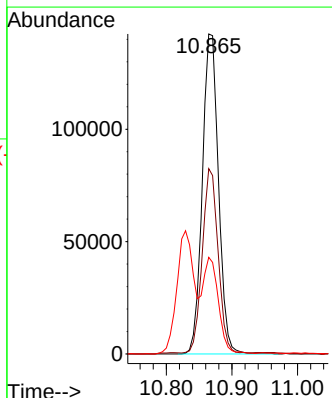
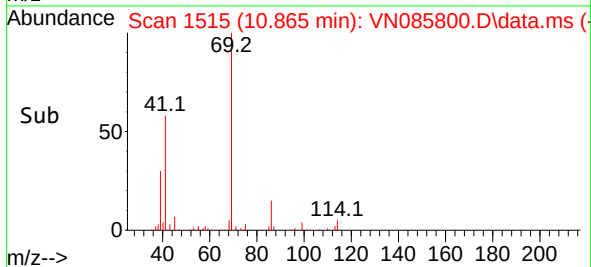


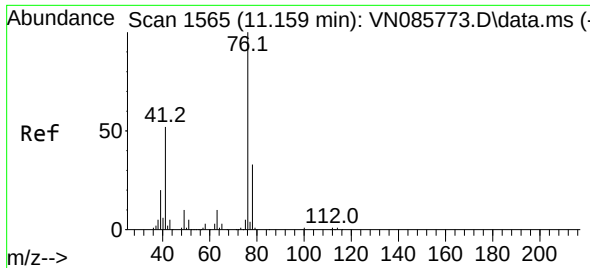
#56
Ethyl methacrylate
Concen: 49.387 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



Tgt Ion: 69 Resp: 244773

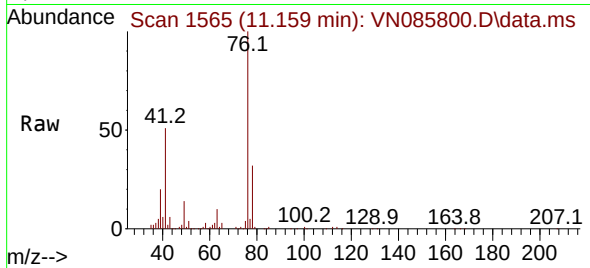
Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.0	69.0
39	29.8	22.0	33.0





#57
1,3-Dichloropropane
Concen: 49.568 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

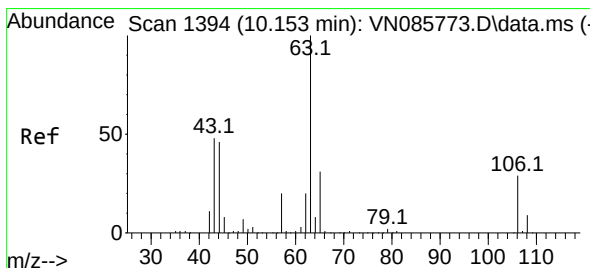
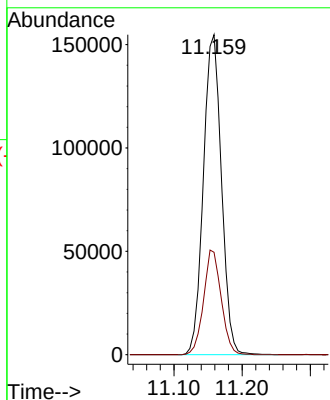
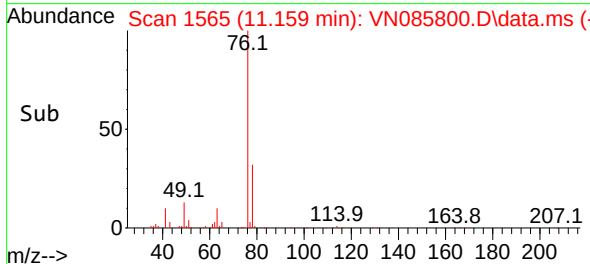
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 285659
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9

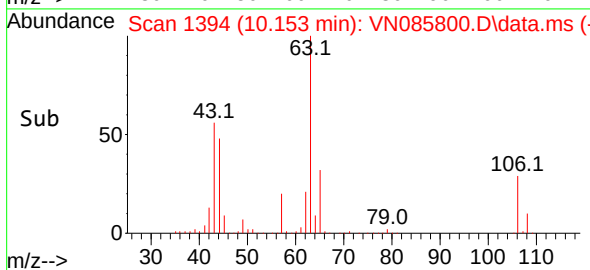
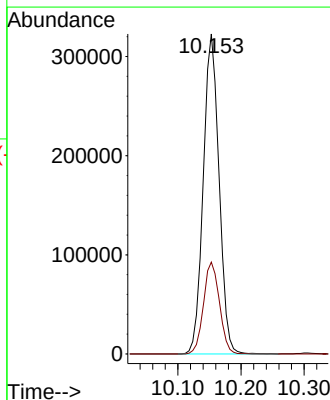
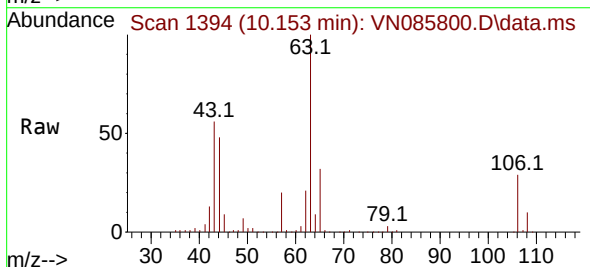
Manual Integrations
APPROVED

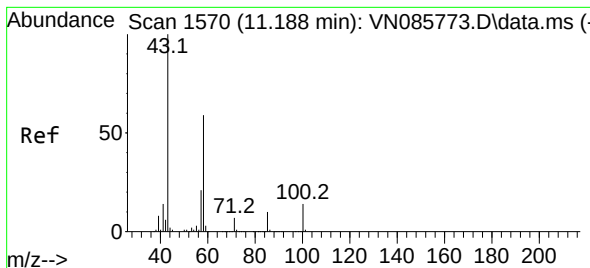
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 279.175 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

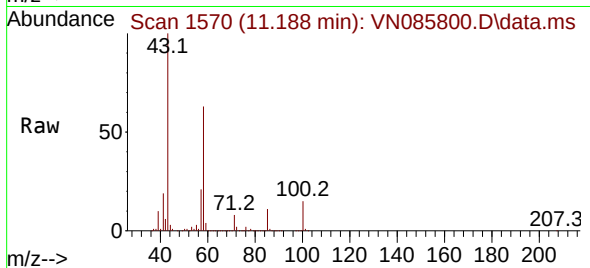
Tgt Ion: 63 Resp: 560851
Ion Ratio Lower Upper
63 100
106 29.0 22.7 34.1





#59
2-Hexanone
Concen: 246.366 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

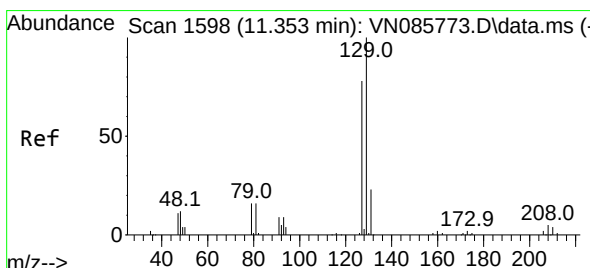
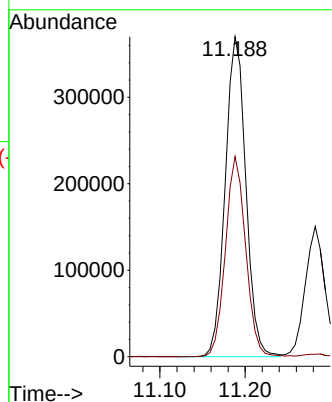
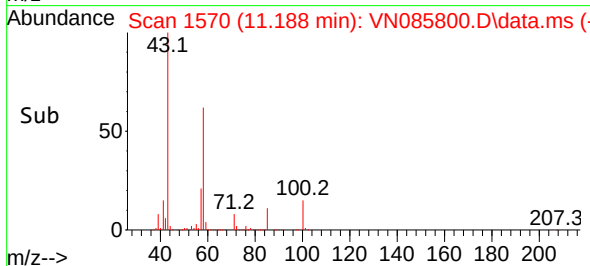
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



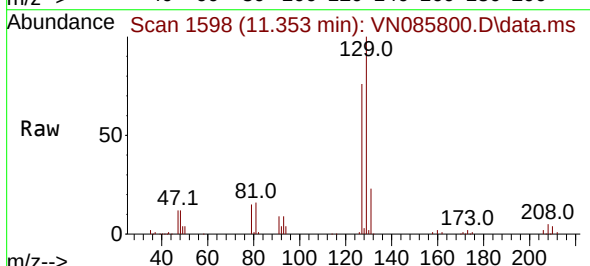
Tgt Ion: 43 Resp: 621480
Ion Ratio Lower Upper
43 100
58 61.3 29.8 89.5

Manual Integrations
APPROVED

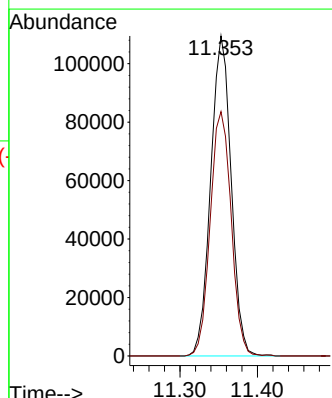
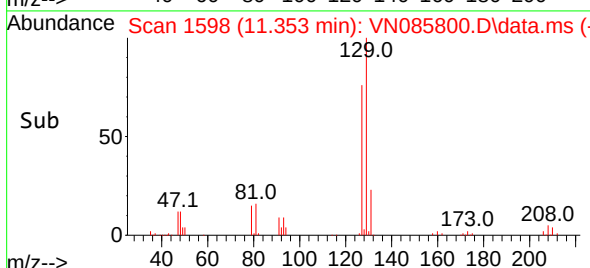
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

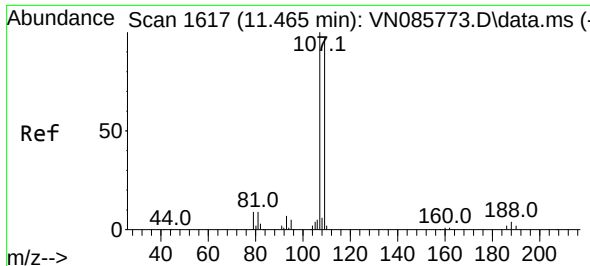


#60
Dibromochloromethane
Concen: 50.017 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



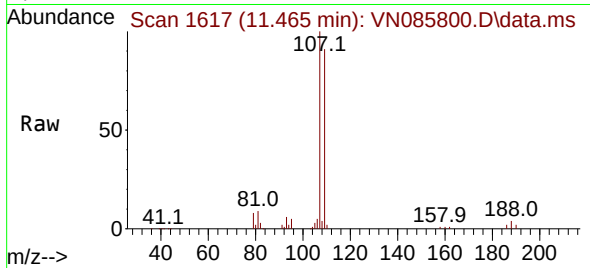
Tgt Ion:129 Resp: 201065
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





#61
1,2-Dibromoethane
Concen: 50.162 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

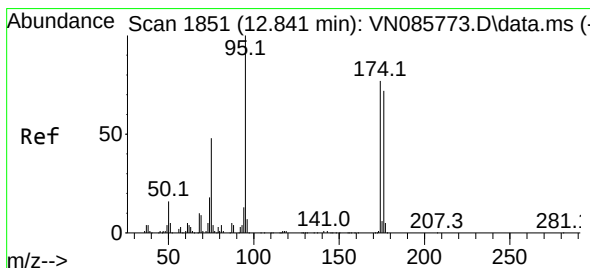
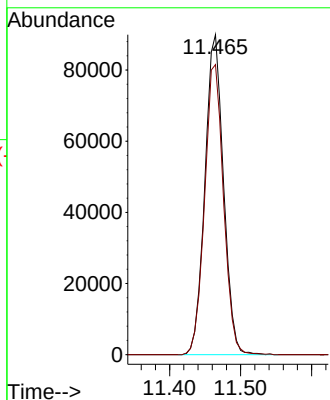
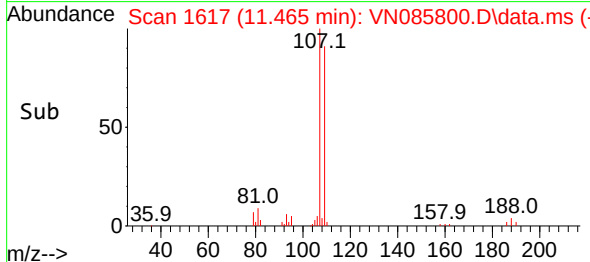
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 163620
Ion Ratio Lower Upper
107 100
109 92.4 76.0 114.0

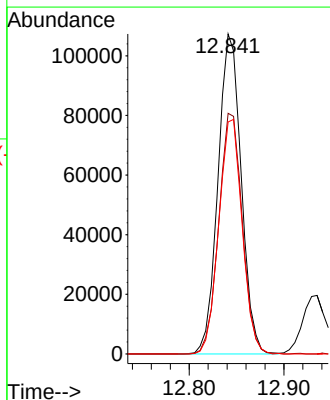
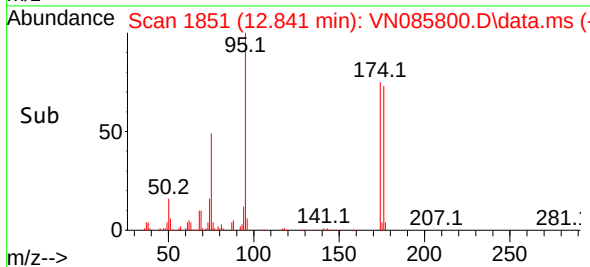
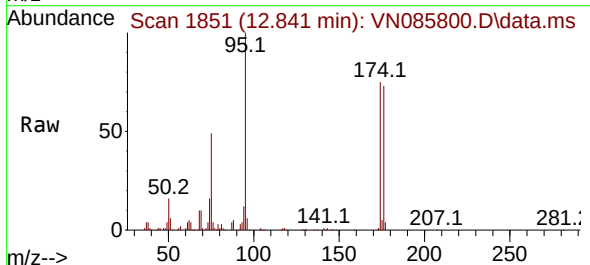
Manual Integrations
APPROVED

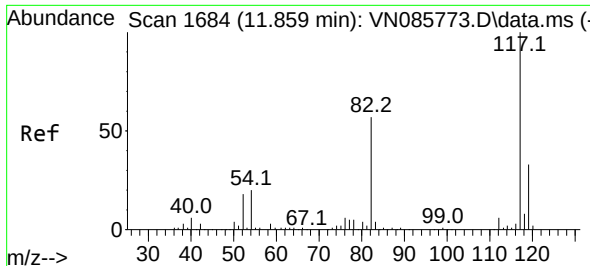
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#62
4-Bromofluorobenzene
Concen: 46.663 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

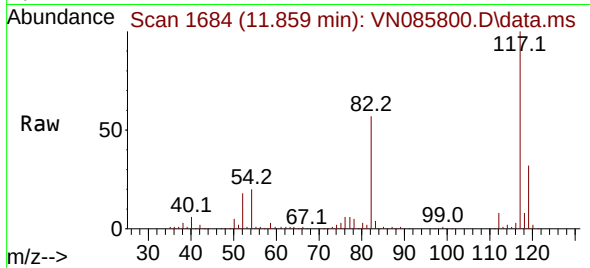
Tgt Ion: 95 Resp: 182663
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.4
176 73.8 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

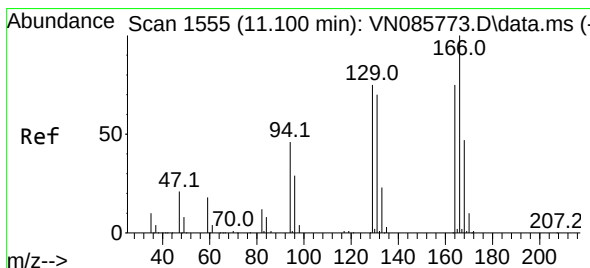
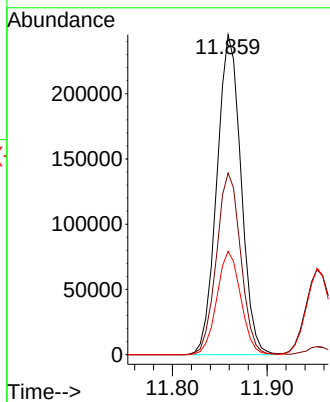
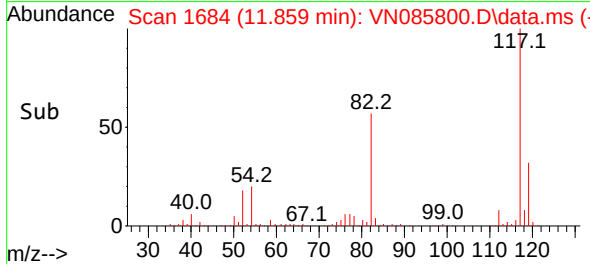
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



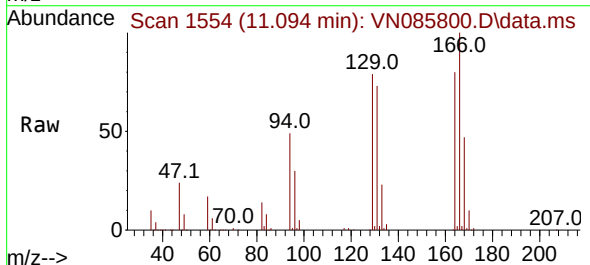
Tgt Ion:117 Resp: 43467
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 32.3 26.2 39.2

Manual Integrations
APPROVED

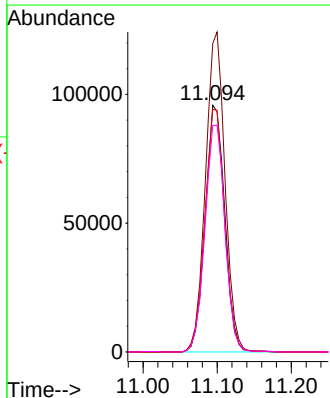
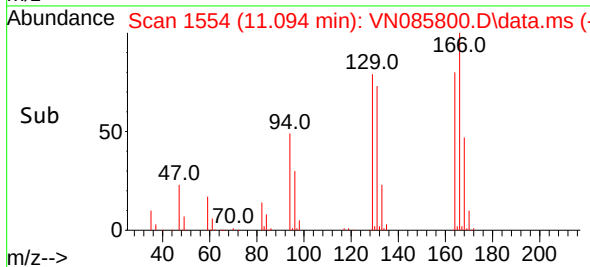
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

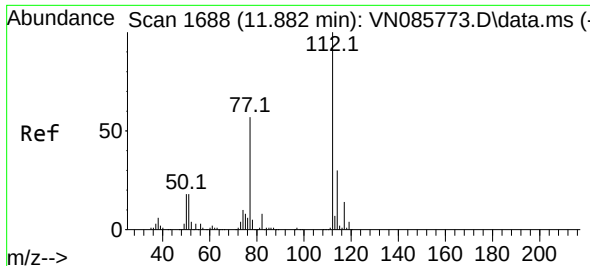


#64
Tetrachloroethene
Concen: 52.549 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



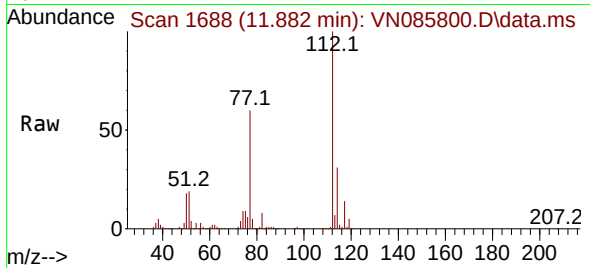
Tgt Ion:164 Resp: 176958
Ion Ratio Lower Upper
164 100
166 125.0 107.2 160.8
129 98.3 80.7 121.1
131 91.8 74.6 112.0





#65
Chlorobenzene
Concen: 49.197 ug/l
RT: 11.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

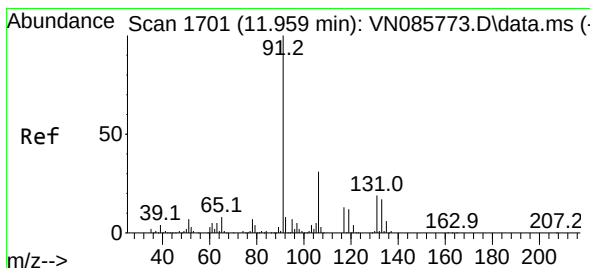
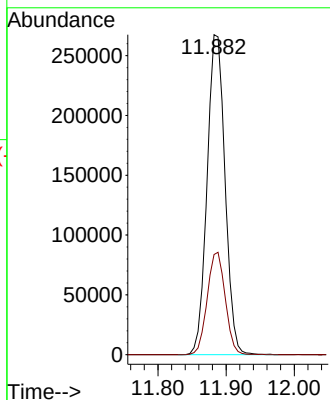
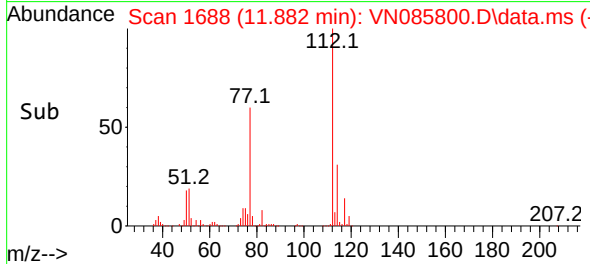
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



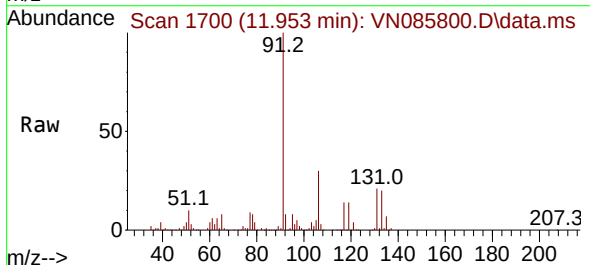
Tgt Ion:112 Resp: 489890
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5

Manual Integrations
APPROVED

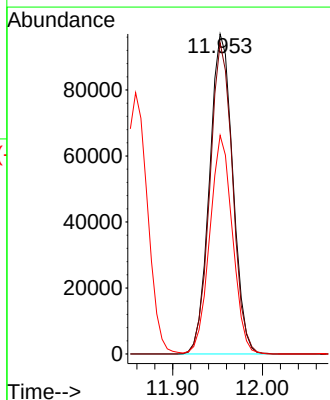
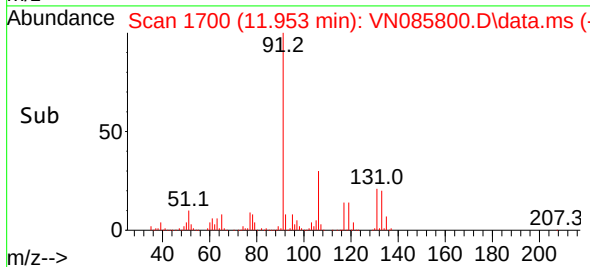
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

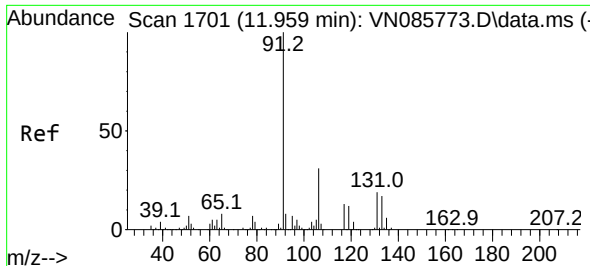


#66
1,1,1,2-Tetrachloroethane
Concen: 48.814 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



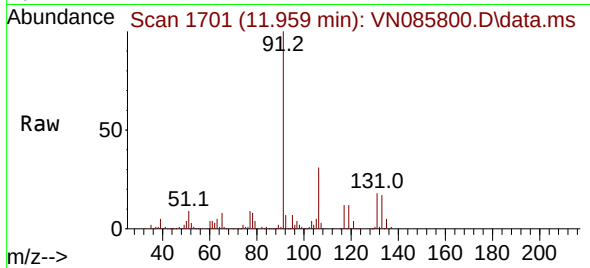
Tgt Ion:131 Resp: 174712
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.5 33.3 99.8





#67
Ethyl Benzene
Concen: 54.787 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

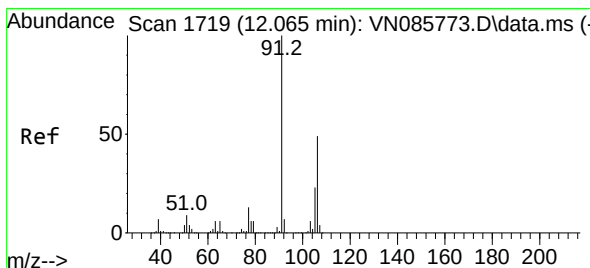
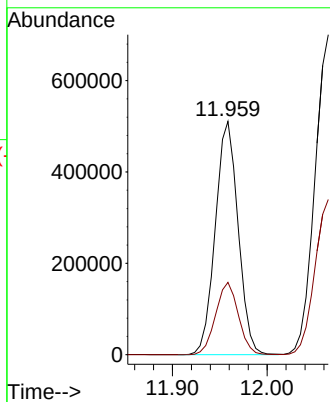
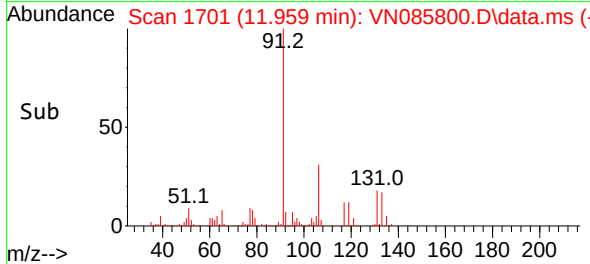
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 85458
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

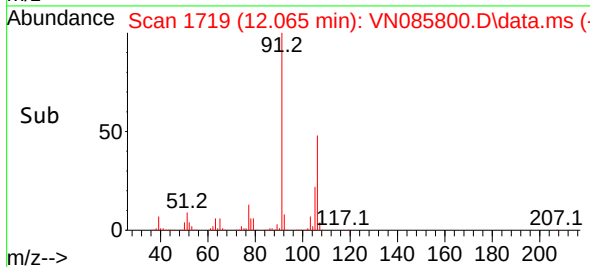
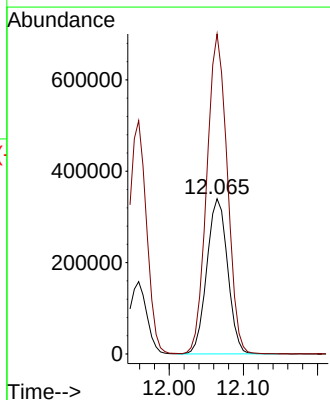
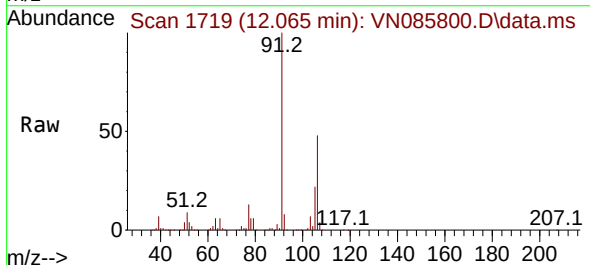
Manual Integrations
APPROVED

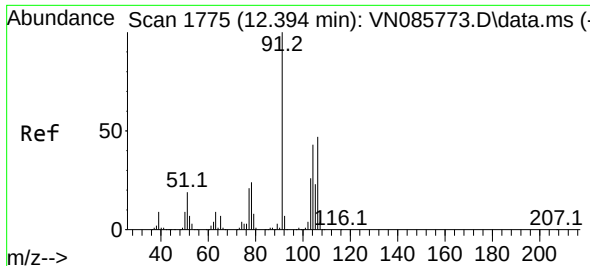
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#68
m/p-Xylenes
Concen: 111.588 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

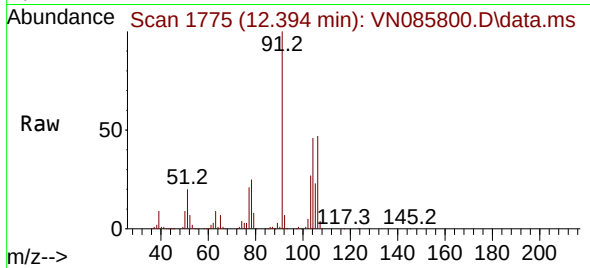
Tgt Ion:106 Resp: 661162
Ion Ratio Lower Upper
106 100
91 203.3 163.3 244.9





#69
o-Xylene
Concen: 55.725 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

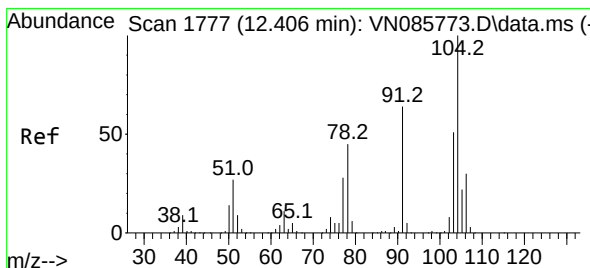
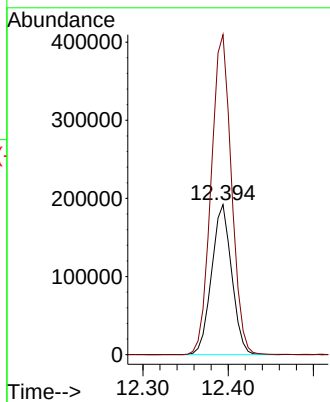
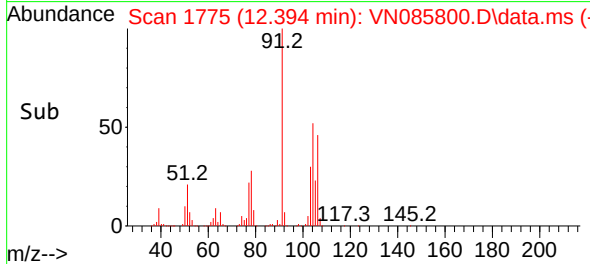
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



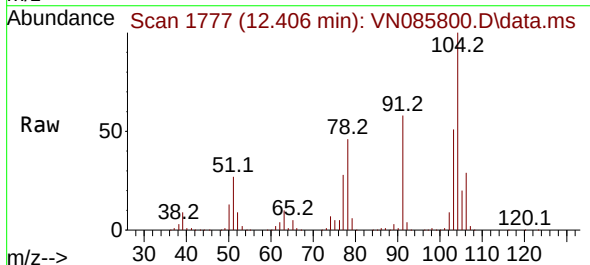
Tgt Ion:106 Resp: 313750
Ion Ratio Lower Upper
106 100
91 216.7 107.1 321.4

Manual Integrations
APPROVED

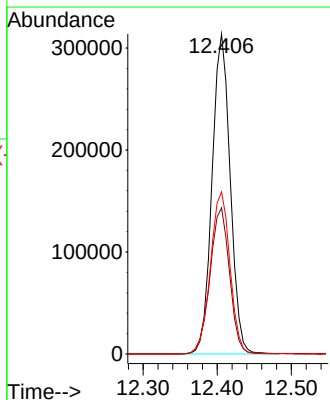
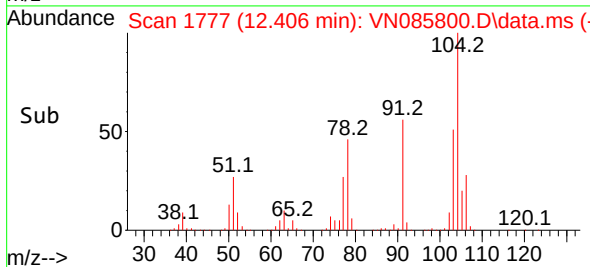
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

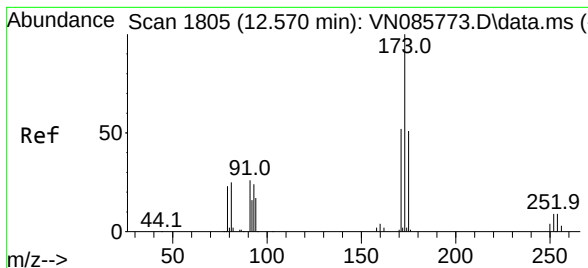


#70
Styrene
Concen: 50.937 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



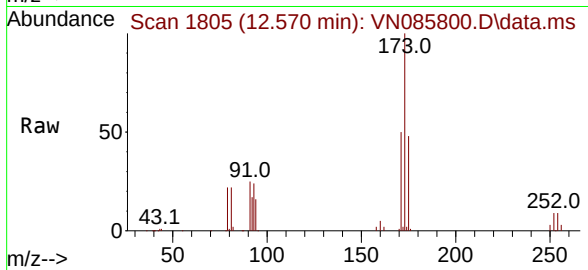
Tgt Ion:104 Resp: 534759
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 54.6 43.3 64.9





#71
Bromoform
Concen: 49.431 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

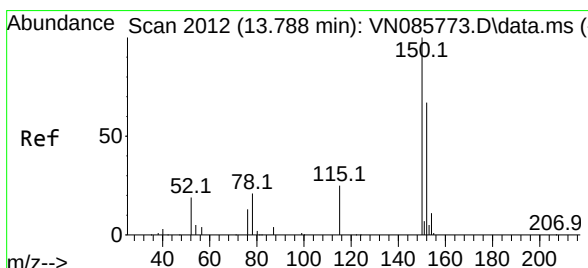
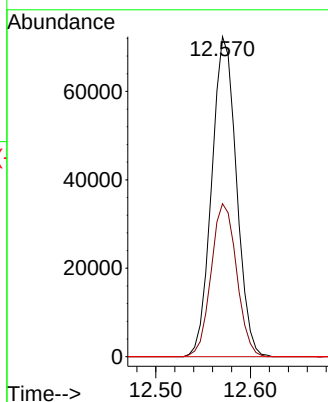
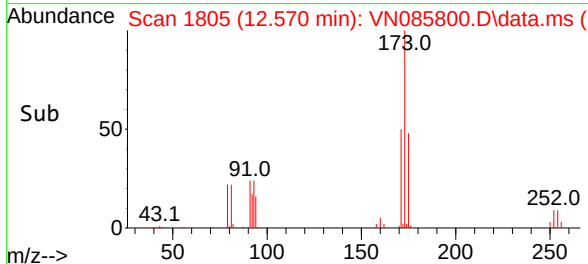
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



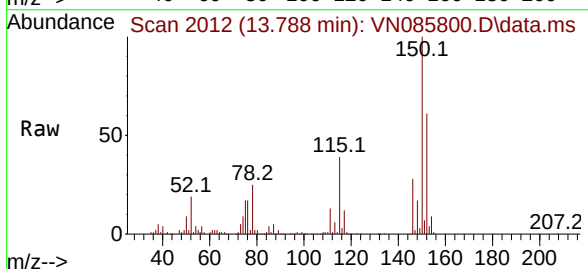
Tgt Ion:173 Resp: 131464
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

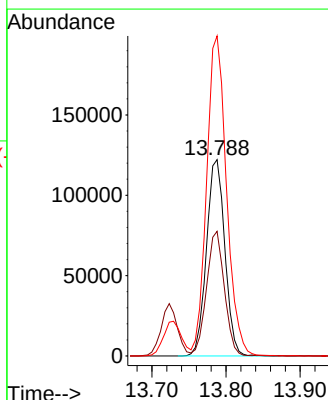
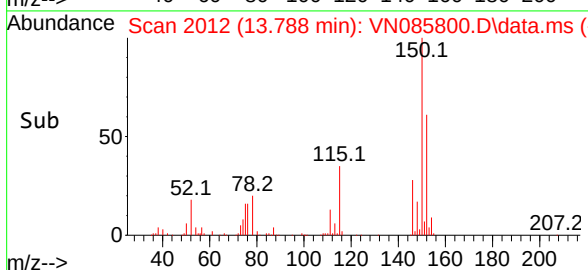
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

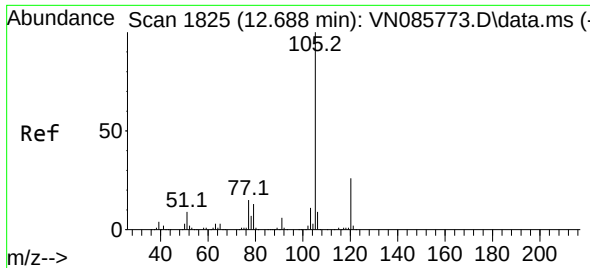


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



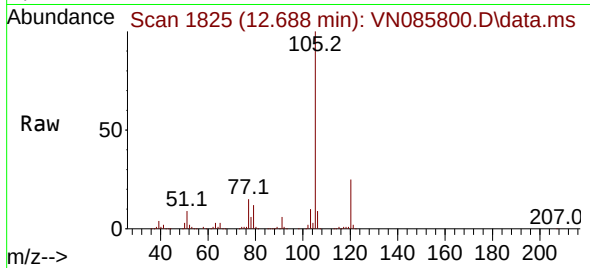
Tgt Ion:152 Resp: 210523
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 176.0 0.0 345.4





#73
Isopropylbenzene
Concen: 55.013 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

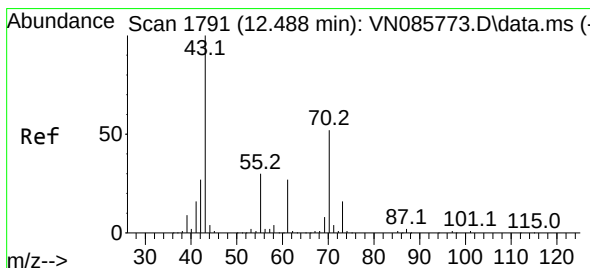
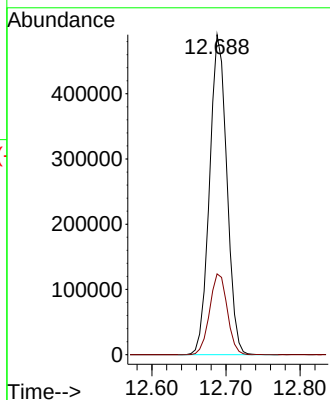
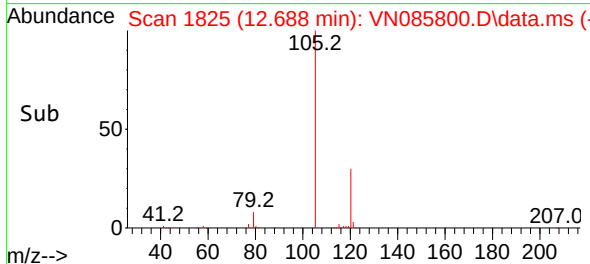
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 793440
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

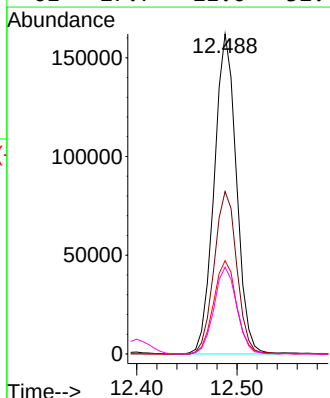
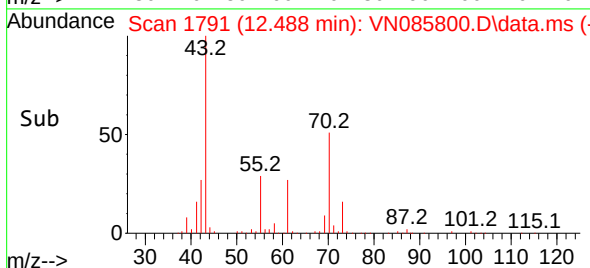
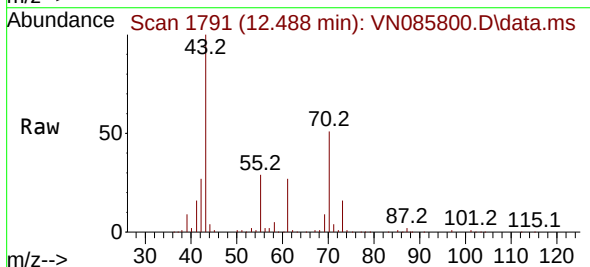
Manual Integrations
APPROVED

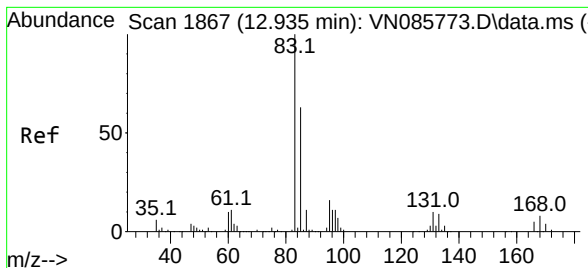
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#74
N-ethyl acetate
Concen: 49.003 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

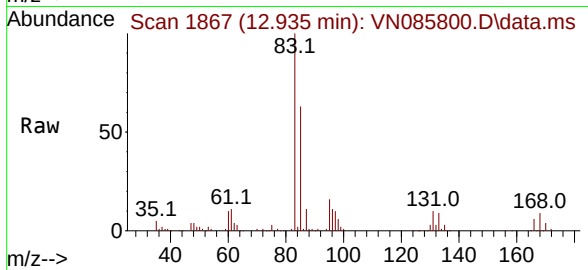
Tgt Ion: 43 Resp: 249236
Ion Ratio Lower Upper
43 100
70 51.7 41.0 61.4
55 30.1 24.6 36.8
61 27.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 42.080 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

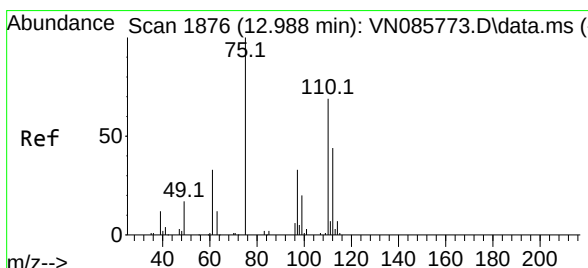
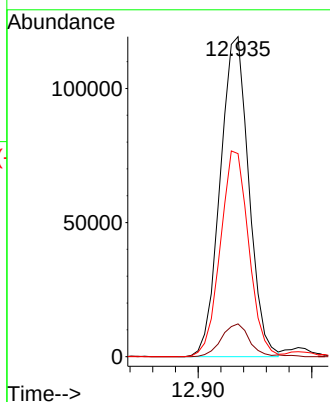
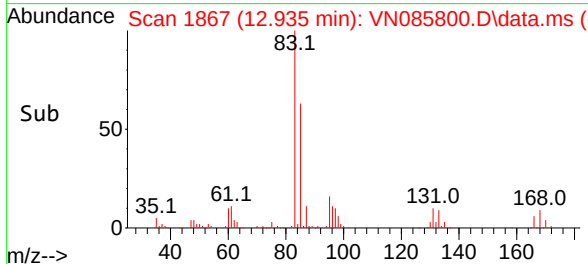
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



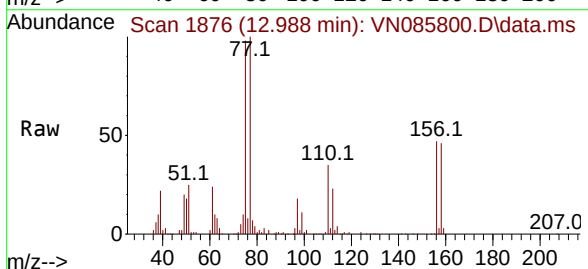
Tgt Ion: 83 Resp: 208844
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.9 32.2 96.6

Manual Integrations
APPROVED

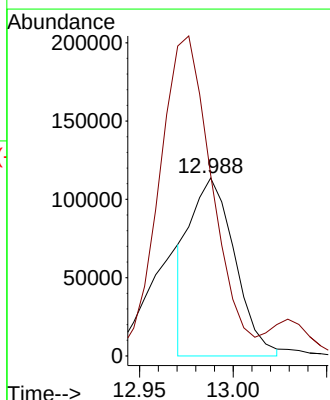
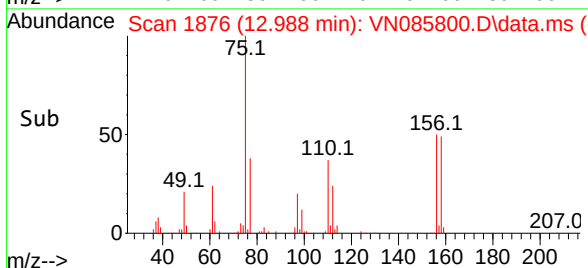
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

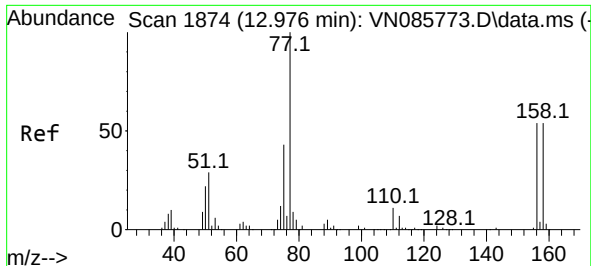


#76
1,2,3-Trichloropropane
Concen: 40.166 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



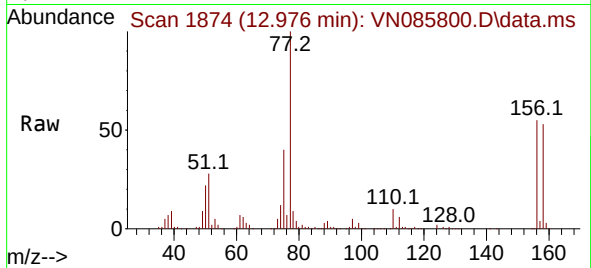
Tgt Ion: 75 Resp: 187835
Ion Ratio Lower Upper
75 100
77 214.1 100.0 300.0





#77
Bromobenzene
Concen: 50.493 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

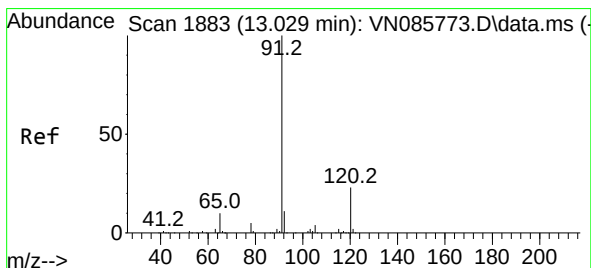
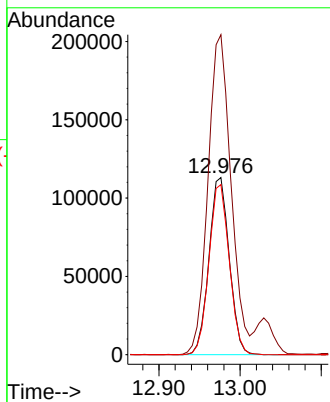
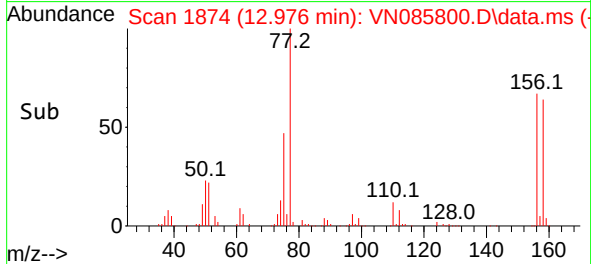
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 196752
Ion Ratio Lower Upper
156 100
77 204.4 104.1 312.3
158 96.1 48.1 144.4

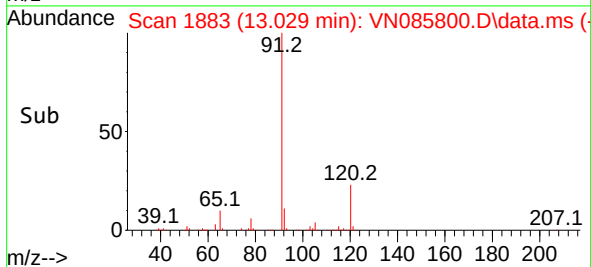
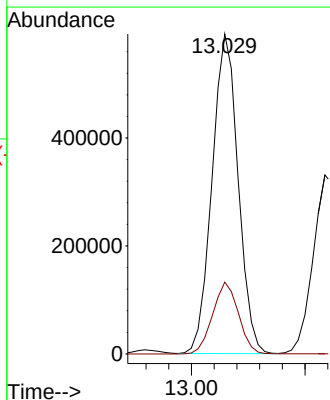
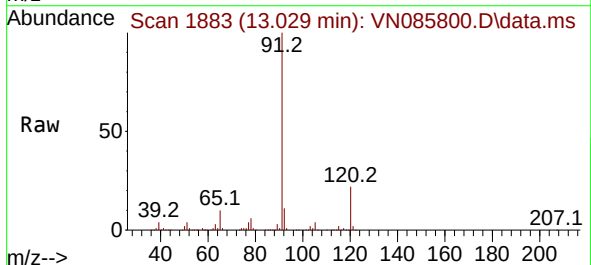
Manual Integrations
APPROVED

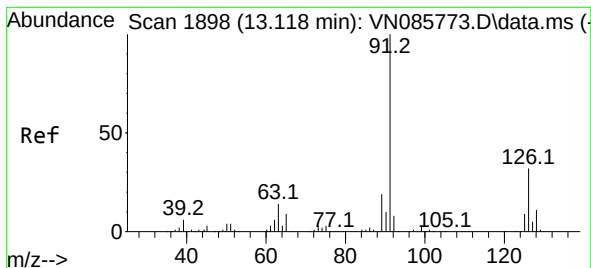
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#78
n-propylbenzene
Concen: 57.035 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion: 91 Resp: 942087
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





#79

2-Chlorotoluene

Concen: 52.089 ug/l

RT: 13.117 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 574860

Ion Ratio Lower Upper

91 100

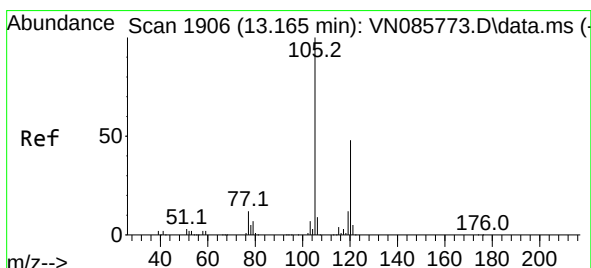
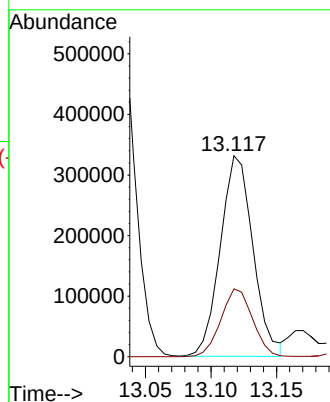
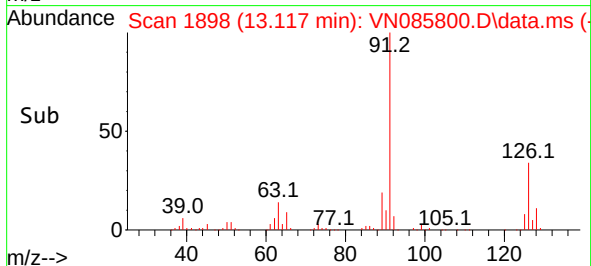
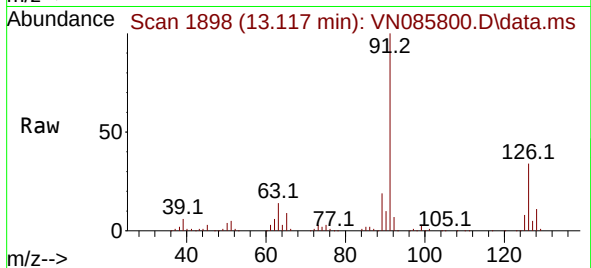
126 32.8 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 56.688 ug/l

RT: 13.164 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VN085800.D

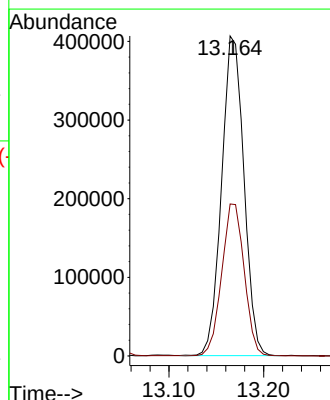
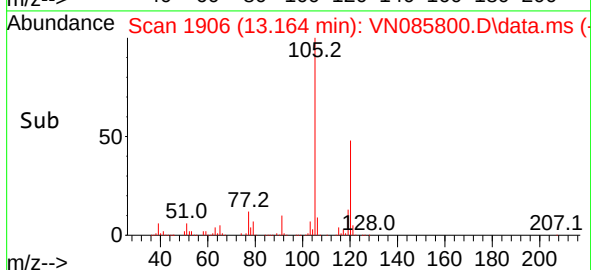
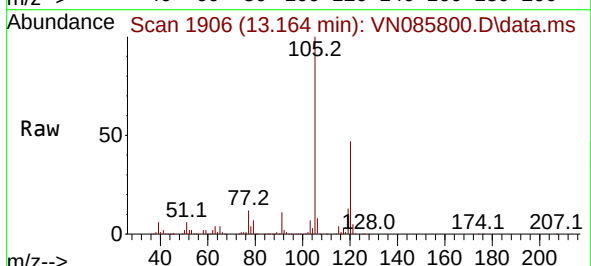
Acq: 20 Feb 2025 16:20

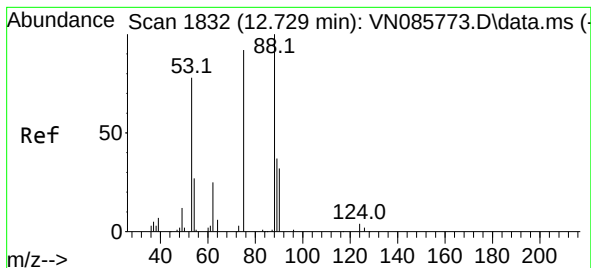
Tgt Ion:105 Resp: 666015

Ion Ratio Lower Upper

105 100

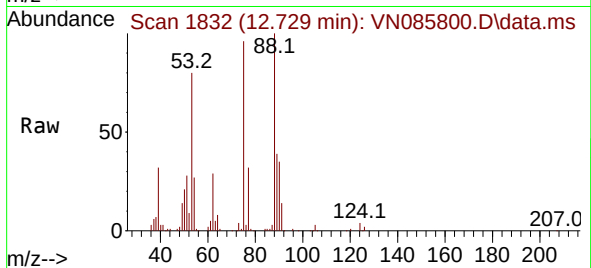
120 47.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 48.068 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

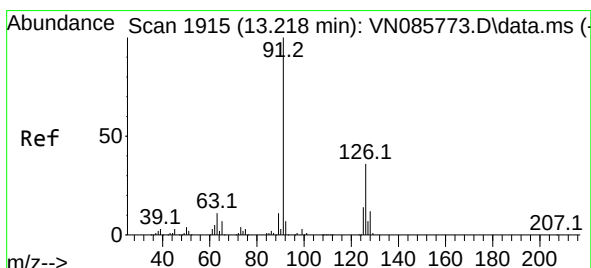
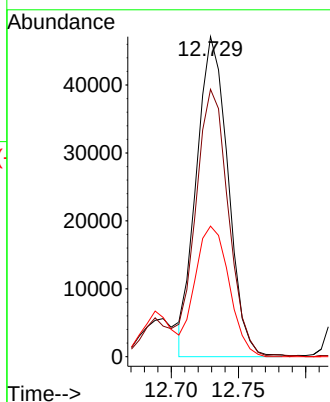
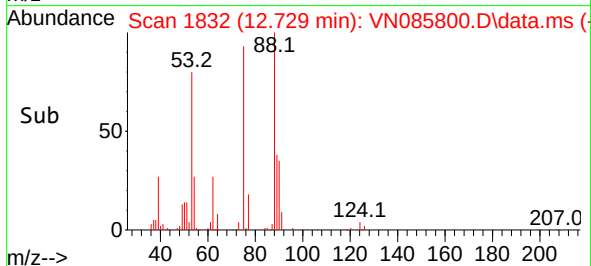
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



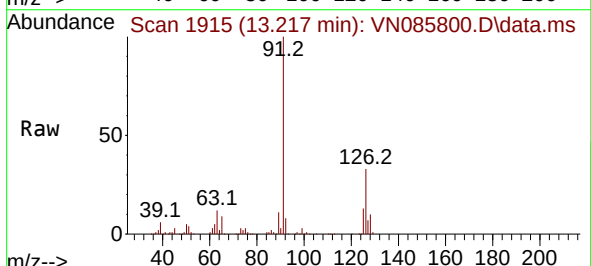
Tgt Ion: 75 Resp: 7704
Ion Ratio Lower Upper
75 100
53 87.9 74.2 111.4
89 43.9 34.9 52.3

Manual Integrations
APPROVED

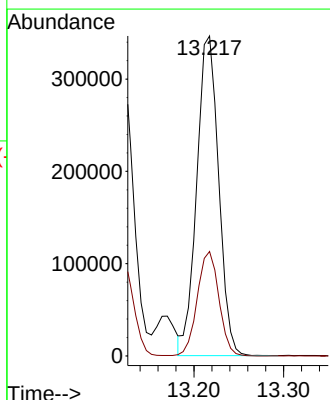
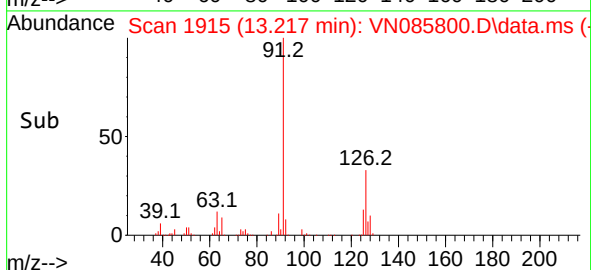
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

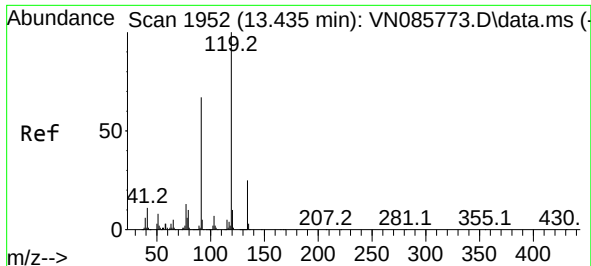


#82
4-Chlorotoluene
Concen: 53.675 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



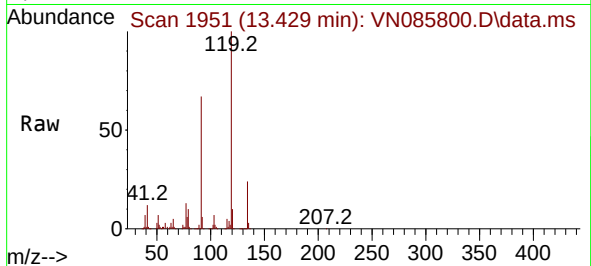
Tgt Ion: 91 Resp: 587248
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





#83
tert-Butylbenzene
Concen: 56.463 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

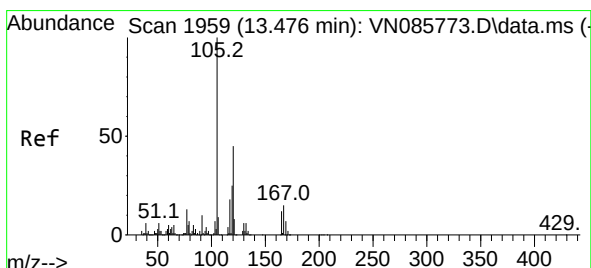
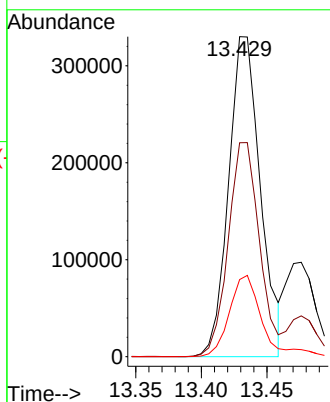
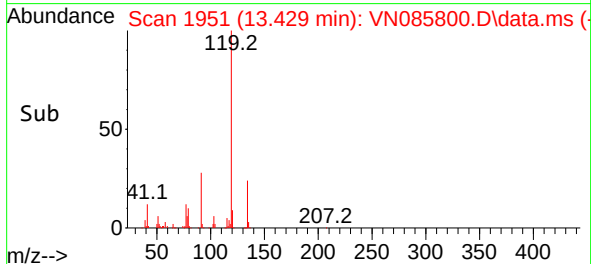
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 55784
Ion Ratio Lower Upper
119 100
91 65.5 32.5 97.5
134 26.1 13.3 39.9

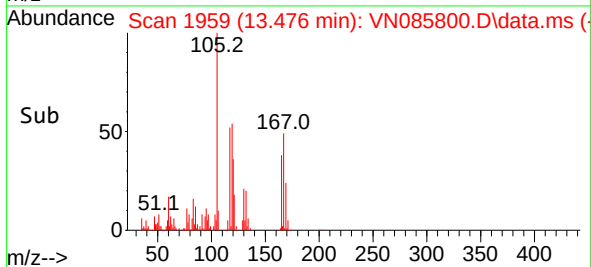
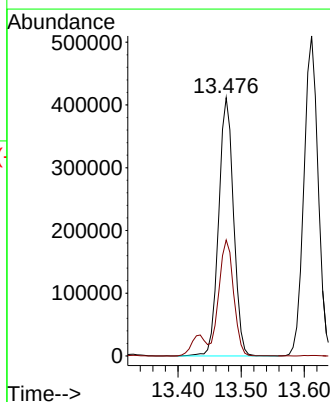
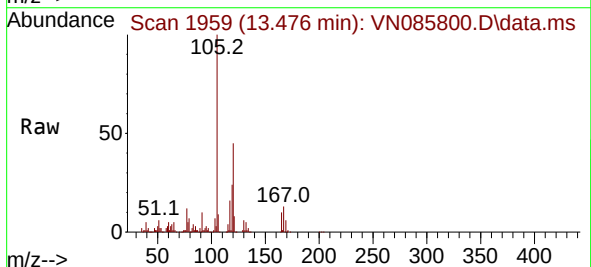
Manual Integrations
APPROVED

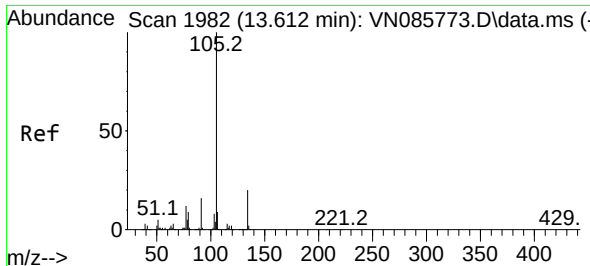
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 58.032 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

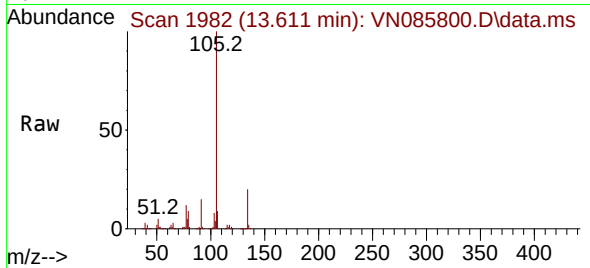
Tgt Ion:105 Resp: 674556
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 57.009 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

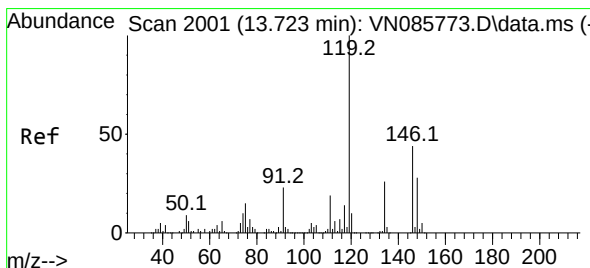
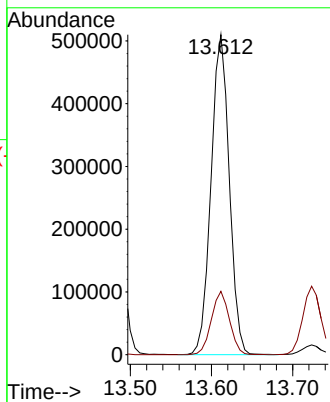
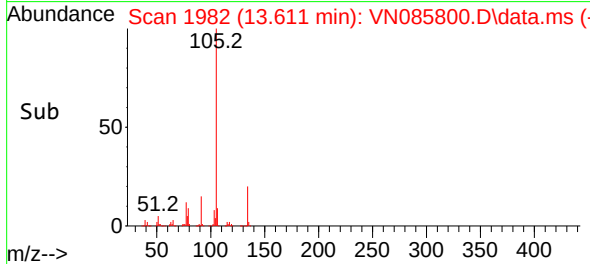
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 79579
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

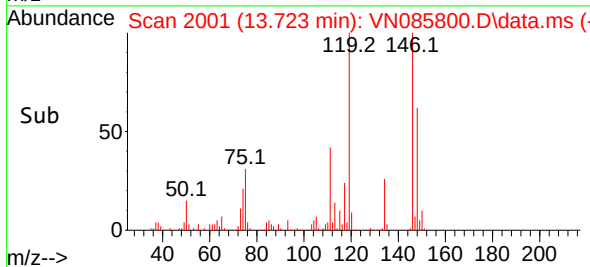
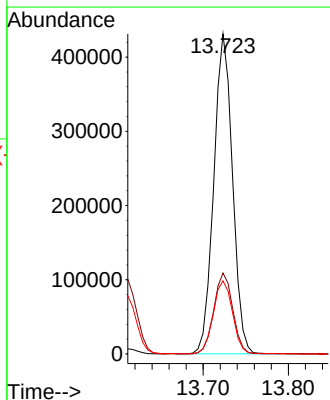
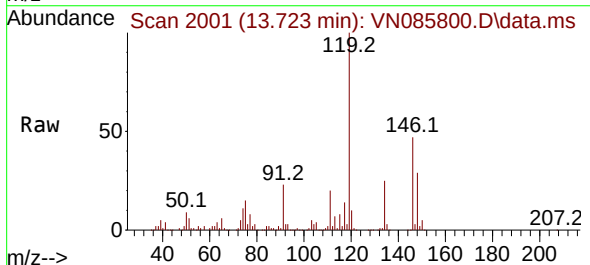
Manual Integrations
 APPROVED

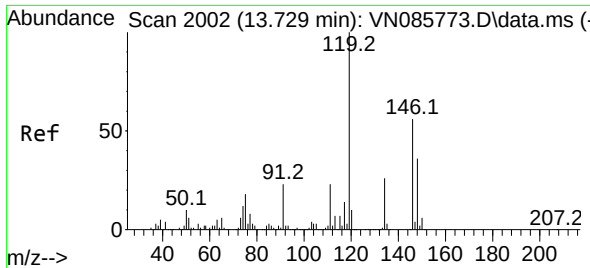
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#86
 p-Isopropyltoluene
 Concen: 51.250 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

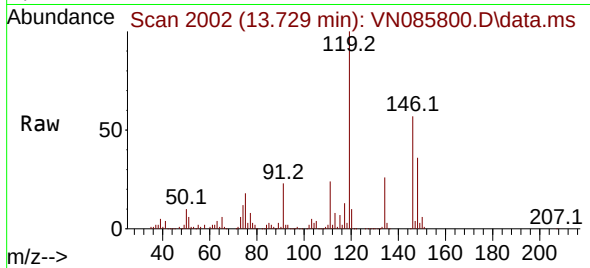
Tgt Ion:119 Resp: 657008
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.4 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 49.156 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20

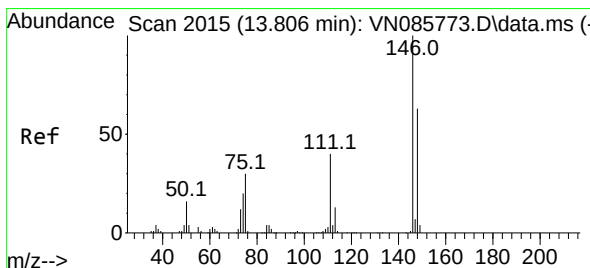
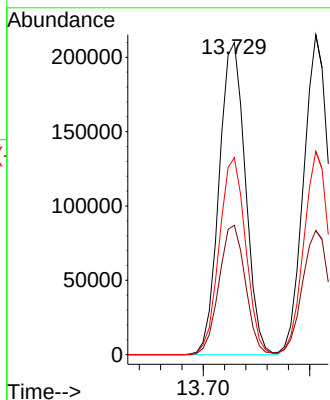
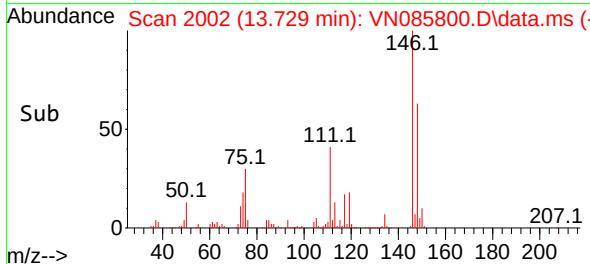
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



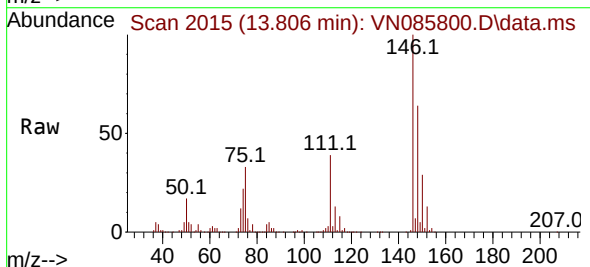
Tgt Ion:146 Resp: 35886
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.3
 148 63.6 32.1 96.5

Manual Integrations
 APPROVED

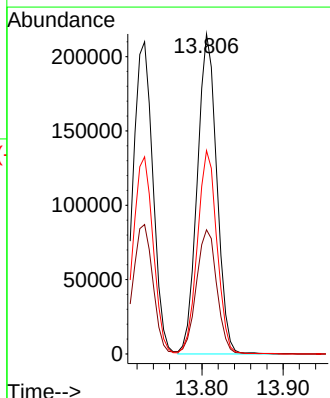
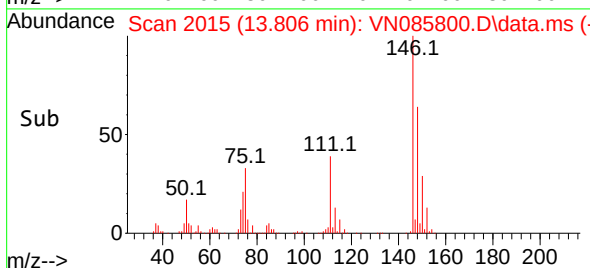
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

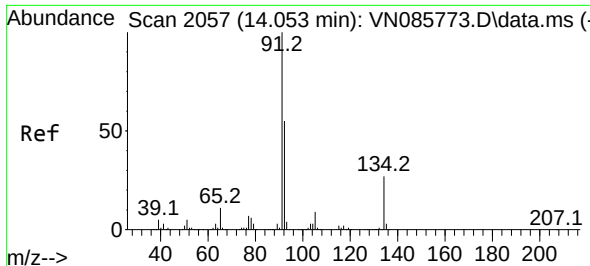


#88
 1,4-Dichlorobenzene
 Concen: 48.044 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN085800.D
 Acq: 20 Feb 2025 16:20



Tgt Ion:146 Resp: 359487
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.3 31.8 95.4





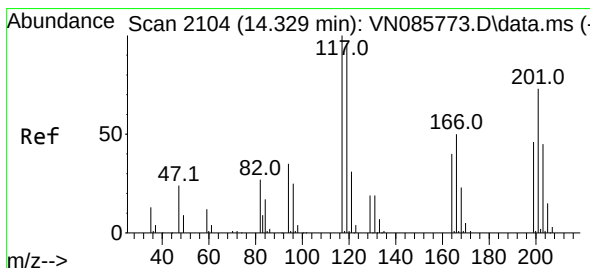
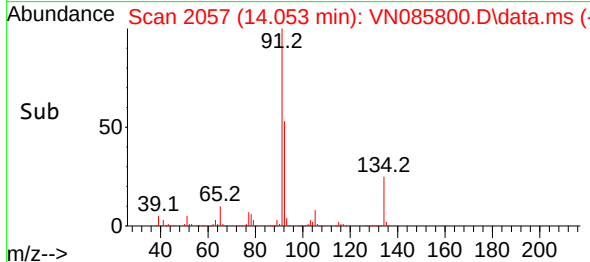
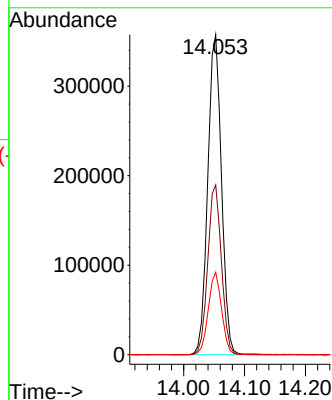
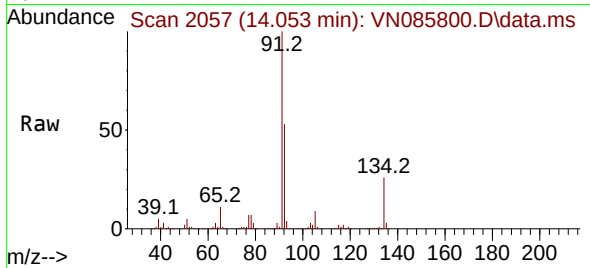
#89
n-Butylbenzene
Concen: 56.486 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 559810
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.3
134 25.0 12.7 38.1

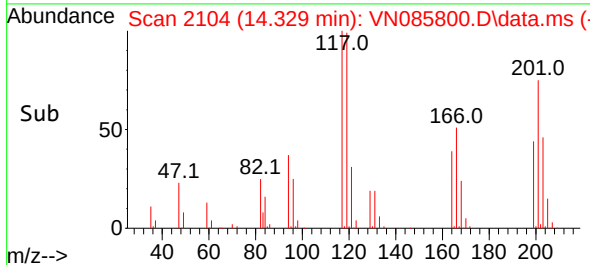
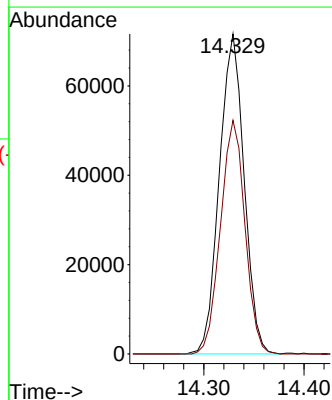
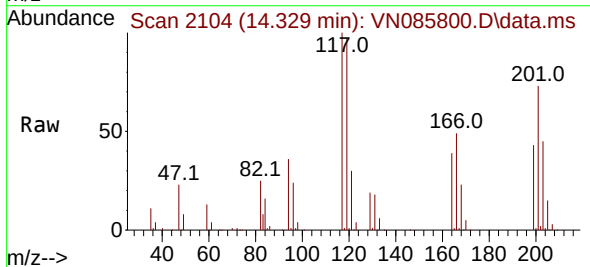
Manual Integrations
APPROVED

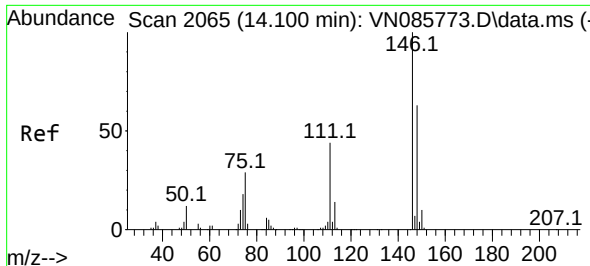
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#90
Hexachloroethane
Concen: 46.387 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

Tgt Ion:117 Resp: 122631
Ion Ratio Lower Upper
117 100
201 72.1 35.6 106.9





#91

1,2-Dichlorobenzene

Concen: 48.998 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 343970

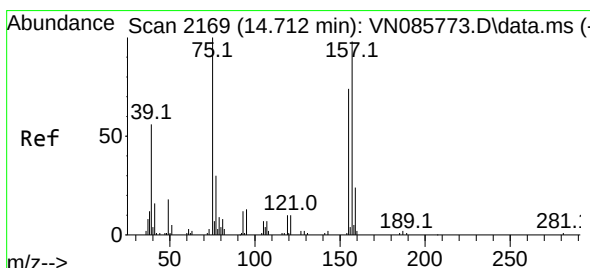
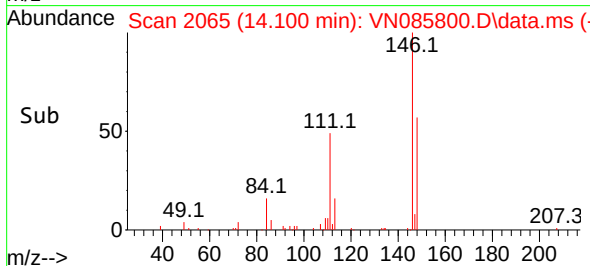
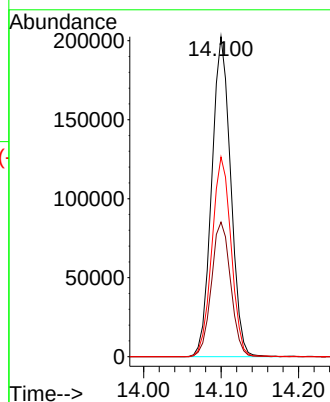
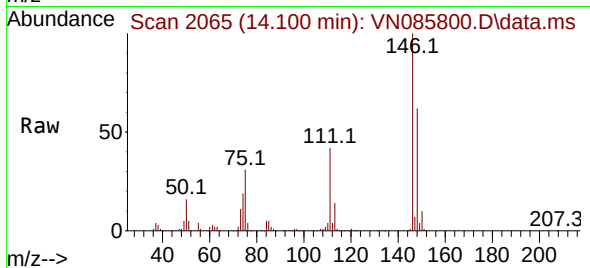
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	63.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.803 ug/l

RT: 14.711 min Scan# 2169

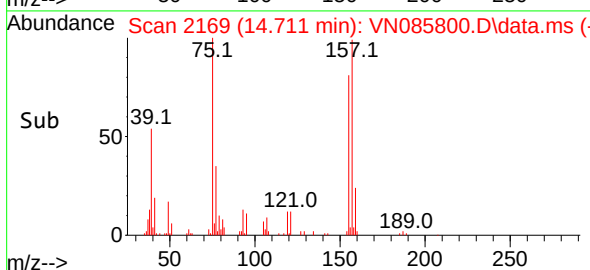
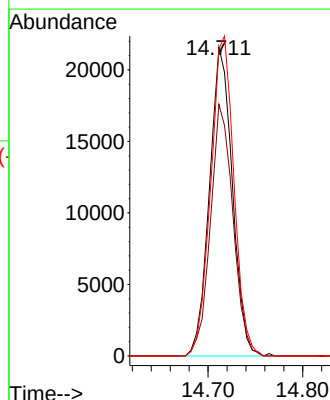
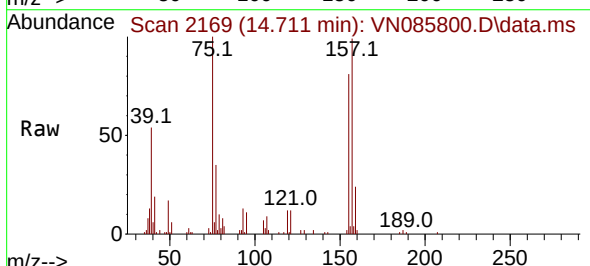
Delta R.T. -0.000 min

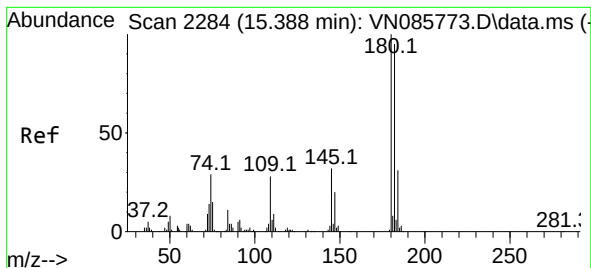
Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Tgt Ion: 75 Resp: 36275

Ion	Ratio	Lower	Upper
75	100		
155	80.2	39.9	119.6
157	104.6	49.9	149.7





#93

1,2,4-Trichlorobenzene

Concen: 50.893 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 17024

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

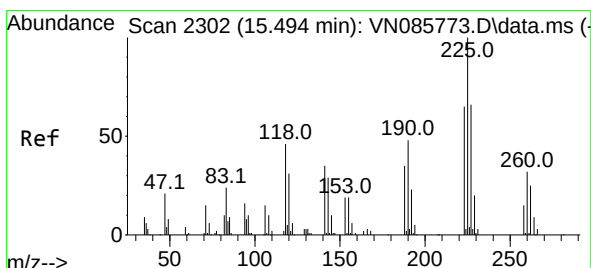
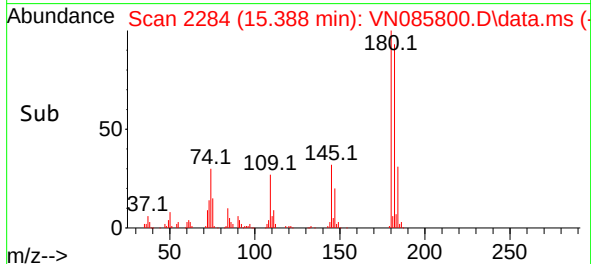
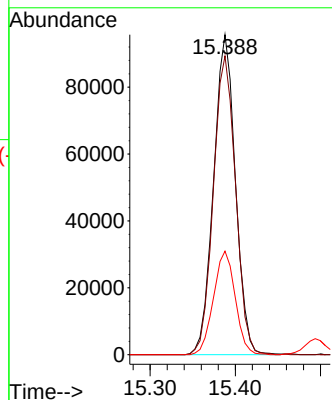
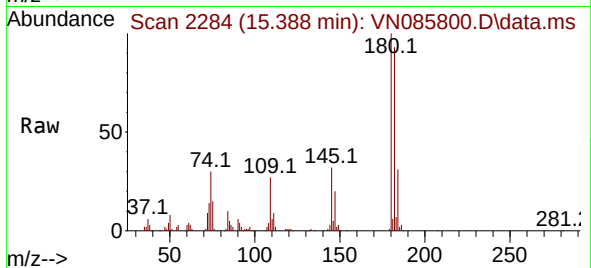
145 32.2 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#94

Hexachlorobutadiene

Concen: 42.561 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN085800.D

Acq: 20 Feb 2025 16:20

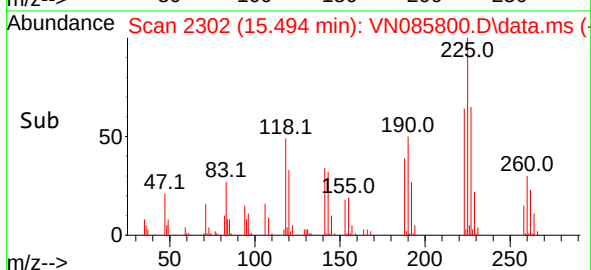
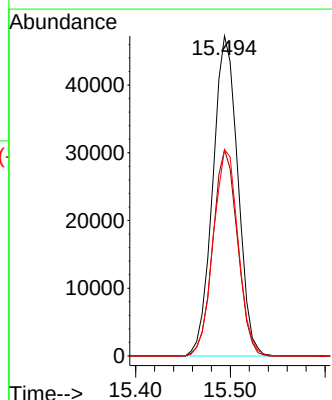
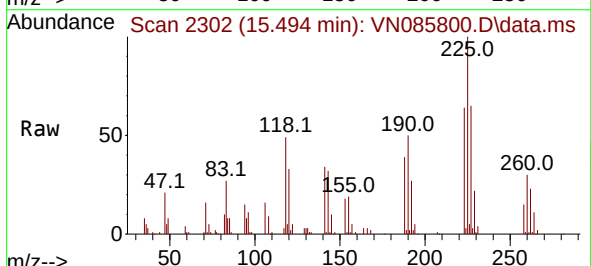
Tgt Ion:225 Resp: 86528

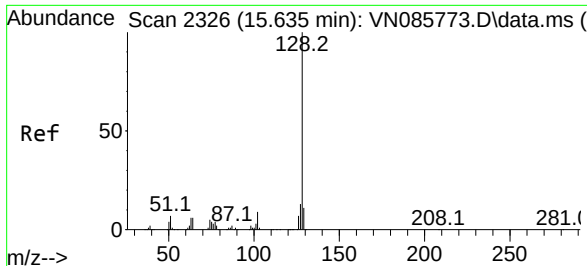
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.5

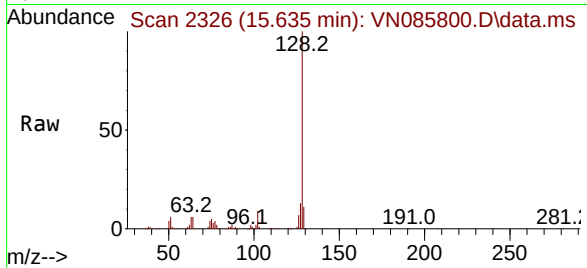
227 64.5 32.2 96.6





#95
Naphthalene
Concen: 48.456 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20

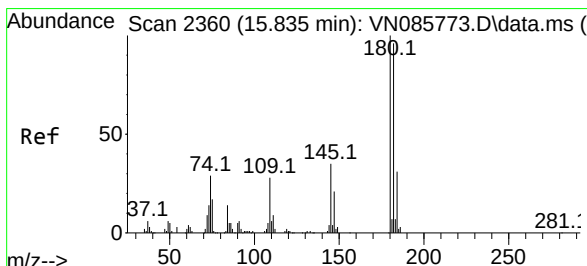
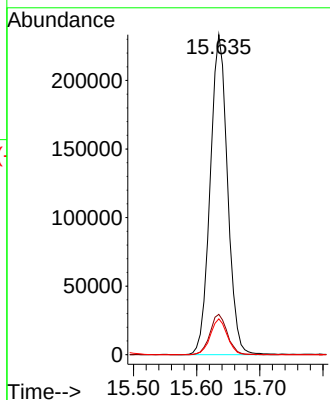
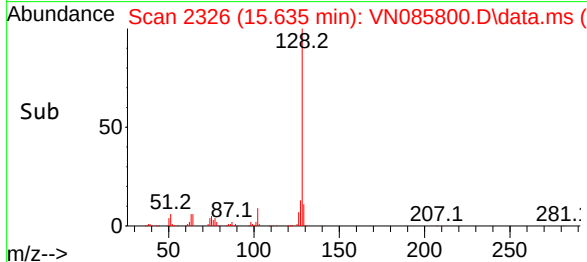
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



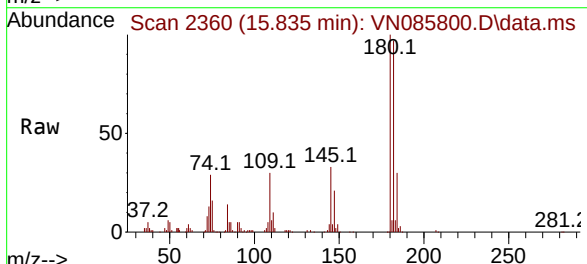
Tgt Ion:128 Resp: 445015
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.929 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085800.D
Acq: 20 Feb 2025 16:20



Tgt Ion:180 Resp: 160959
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 33.9 16.9 50.6

