

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085894.D
 Acq On : 27 Feb 2025 16:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 02:03:40 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	8.224	168	229571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137418	46.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.340%		
35) Dibromofluoromethane	8.165	113	120090	48.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.300%		
50) Toluene-d8	10.565	98	456045	50.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.847	95	163992	54.855	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	130861	41.907	ug/l	99
3) Chloromethane	2.359	50	124569	39.755	ug/l	99
4) Vinyl Chloride	2.512	62	134217	40.455	ug/l	100
5) Bromomethane	2.942	94	79210	37.339	ug/l	99
6) Chloroethane	3.112	64	85947	39.111	ug/l	98
7) Trichlorofluoromethane	3.495	101	205570	42.797	ug/l	95
8) Diethyl Ether	3.959	74	75467	48.557	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	123338	44.421	ug/l	98
10) Methyl Iodide	4.589	142	154677	45.193	ug/l	100
11) Tert butyl alcohol	5.518	59	104591	285.717	ug/l	99
12) 1,1-Dichloroethene	4.342	96	112080	44.519	ug/l	94
13) Acrolein	4.177	56	126322	232.701	ug/l	95
14) Allyl chloride	5.024	41	149911	45.354	ug/l	95
15) Acrylonitrile	5.718	53	319949	268.854	ug/l	99
16) Acetone	4.430	43	226112	240.096	ug/l	99
17) Carbon Disulfide	4.712	76	285688	38.289	ug/l	98
18) Methyl Acetate	5.024	43	174520	53.878	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	388865	51.980	ug/l	98
20) Methylene Chloride	5.271	84	135832	44.850	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	119616	44.125	ug/l	99
22) Diisopropyl ether	6.671	45	374207	50.103	ug/l	96
23) Vinyl Acetate	6.600	43	1270461	248.432	ug/l	100
24) 1,1-Dichloroethane	6.565	63	235907	46.464	ug/l	99
25) 2-Butanone	7.482	43	369764	266.881	ug/l	97
26) 2,2-Dichloropropane	7.482	77	196848	43.601	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	147101	46.800	ug/l	99
28) Bromochloromethane	7.812	49	110835	53.113	ug/l	98
29) Tetrahydrofuran	7.835	42	254639	284.615	ug/l	99
30) Chloroform	7.965	83	245511	46.272	ug/l	98
31) Cyclohexane	8.253	56	173789	40.881	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	220113	46.641	ug/l	99
36) 1,1-Dichloropropene	8.371	75	160605	45.503	ug/l	99
37) Ethyl Acetate	7.559	43	152125	52.374	ug/l	99
38) Carbon Tetrachloride	8.359	117	194130	46.290	ug/l	97
39) Methylcyclohexane	9.600	83	155714	44.908	ug/l	97
40) Benzene	8.606	78	532913	47.109	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84865	54.655	ug/l	97
42) 1,2-Dichloroethane	8.665	62	164830	44.733	ug/l	98
43) Isopropyl Acetate	8.688	43	292916	57.545	ug/l	96
44) Trichloroethene	9.353	130	118942	42.823	ug/l	96
45) 1,2-Dichloropropane	9.618	63	134163	49.133	ug/l	98
46) Dibromomethane	9.706	93	93729	48.663	ug/l	99
47) Bromodichloromethane	9.888	83	197535	47.937	ug/l	97
48) Methyl methacrylate	9.676	41	116432	53.975	ug/l	96
49) 1,4-Dioxane	9.694	88	53548	1305.395	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	796278	284.341	ug/l	97
52) Toluene	10.629	92	337476	50.892	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	194217	50.970	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	210204	50.308	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	130130	49.357	ug/l	98
56) Ethyl methacrylate	10.871	69	198774	52.159	ug/l	96
57) 1,3-Dichloropropane	11.159	76	222778	50.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	472525	299.729	ug/l	99
59) 2-Hexanone	11.194	43	587332	304.863	ug/l	97
60) Dibromochloromethane	11.359	129	160103	52.150	ug/l	98
61) 1,2-Dibromoethane	11.470	107	127870	51.331	ug/l	100
64) Tetrachloroethene	11.100	164	107548	40.732	ug/l	92
65) Chlorobenzene	11.888	112	366531	46.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	136041	48.476	ug/l	99
67) Ethyl Benzene	11.965	91	624034	51.023	ug/l	99
68) m/p-Xylenes	12.070	106	500046	107.635	ug/l	98
69) o-Xylene	12.394	106	236333	53.534	ug/l	99
70) Styrene	12.412	104	409351	49.845	ug/l	100
71) Bromoform	12.576	173	111416	53.429	ug/l #	99
73) Isopropylbenzene	12.694	105	584508	47.267	ug/l	99
74) N-amyl acetate	12.494	43	219910	50.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	200179	47.042	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	182026m	45.398	ug/l	
77) Bromobenzene	12.976	156	150289	44.984	ug/l	96
78) n-propylbenzene	13.035	91	686225	48.455	ug/l	99
79) 2-Chlorotoluene	13.123	91	434821	45.953	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	504669	50.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	67627	49.212	ug/l	92
82) 4-Chlorotoluene	13.217	91	446829	47.633	ug/l	100
83) tert-Butylbenzene	13.435	119	412424	48.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	519143	52.090	ug/l	100
85) sec-Butylbenzene	13.612	105	576560	48.173	ug/l	100
86) p-Isopropyltoluene	13.729	119	484497	44.628	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	284778	45.496	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	280485	43.720	ug/l	100
89) n-Butylbenzene	14.053	91	378494	44.542	ug/l	98
90) Hexachloroethane	14.329	117	98905	43.635	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	279311	46.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37454	47.932	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	126838	44.223	ug/l	99
94) Hexachlorobutadiene	15.500	225	66710	38.271	ug/l	98
95) Naphthalene	15.641	128	399545	50.741	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	125362	43.537	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

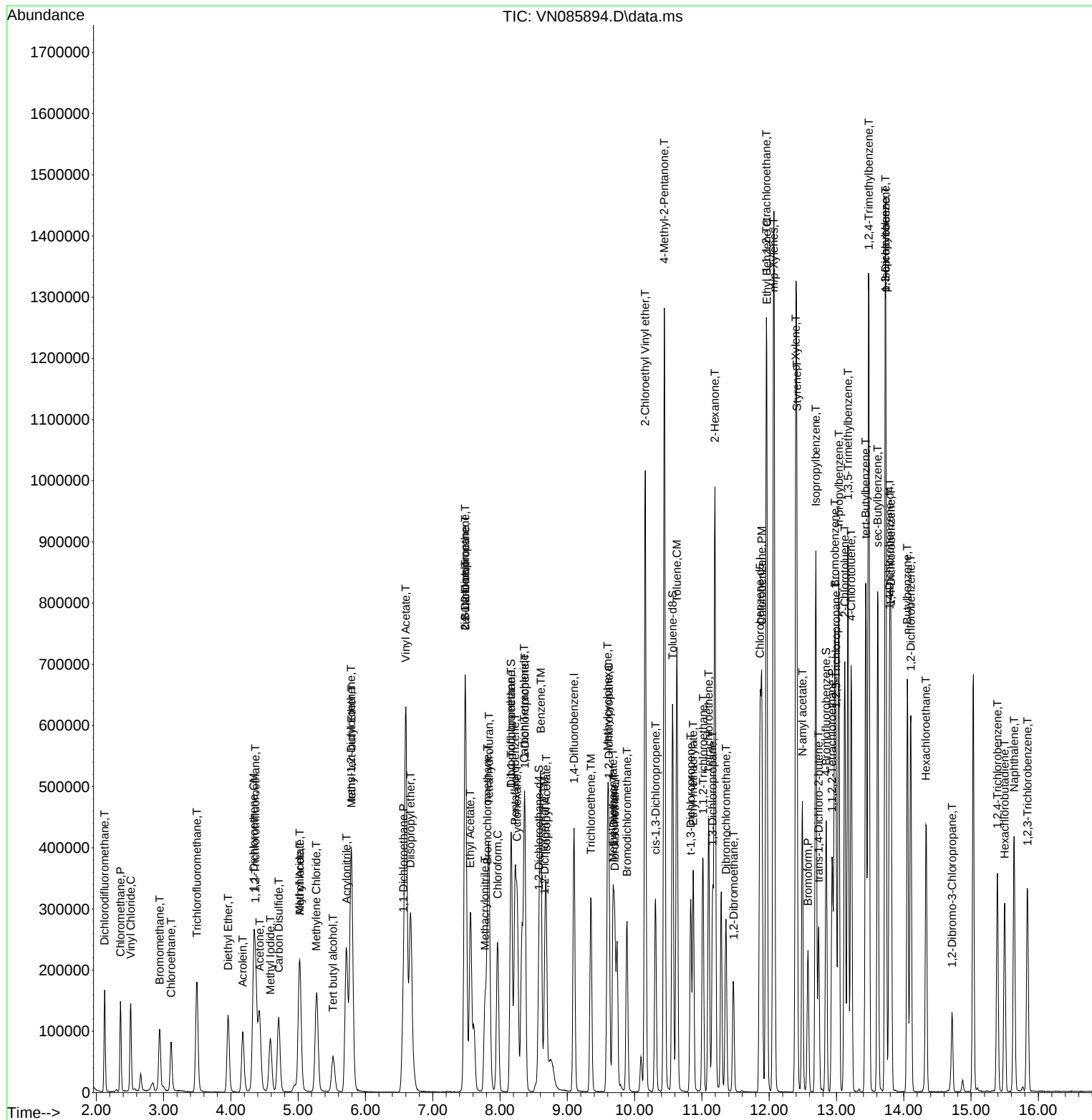
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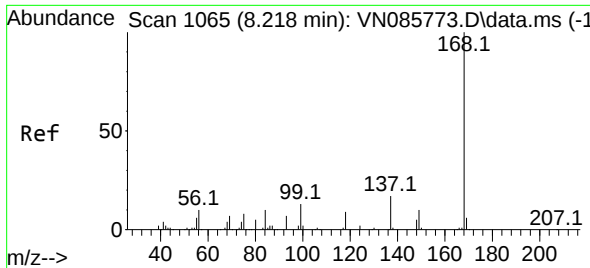
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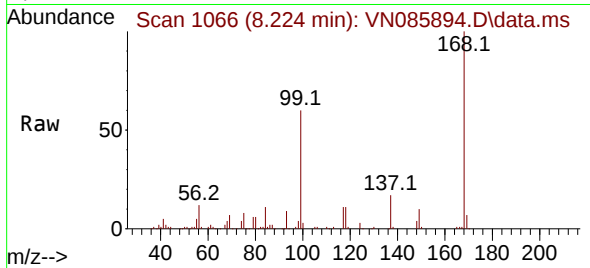
Reviewed By : John Carlone 02/28/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085894.D
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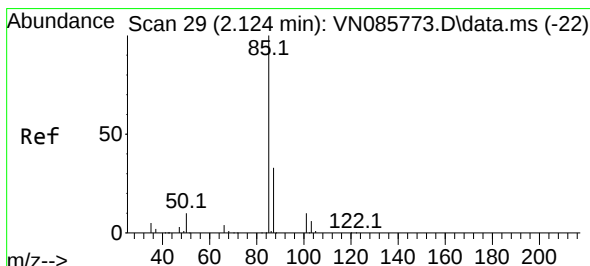
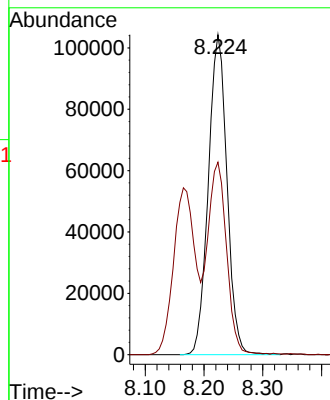
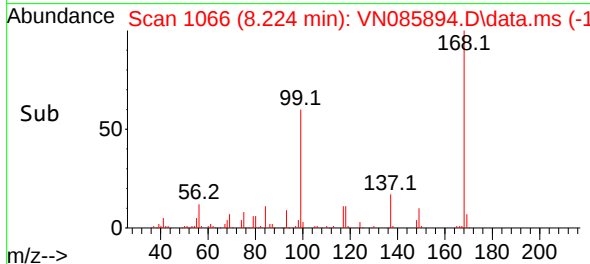
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 22957
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

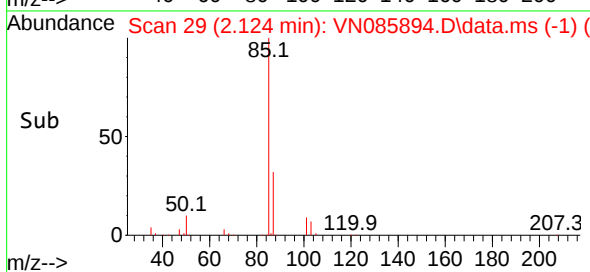
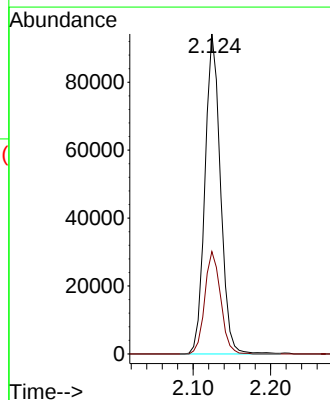
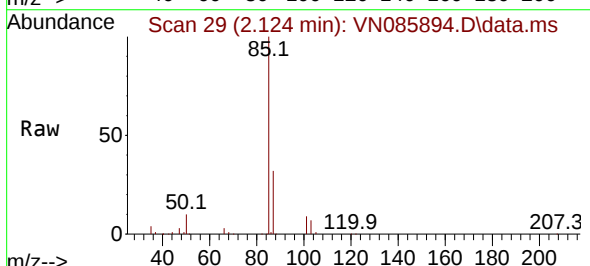
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 41.907 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

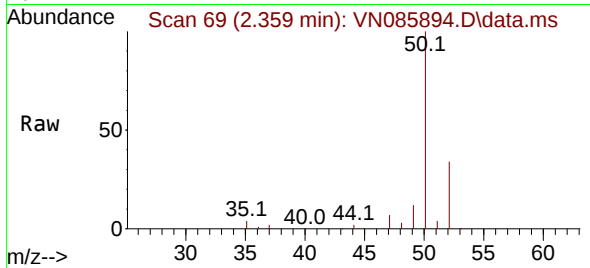
Tgt Ion: 85 Resp: 130861
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2





#3
Chloromethane
Concen: 39.755 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

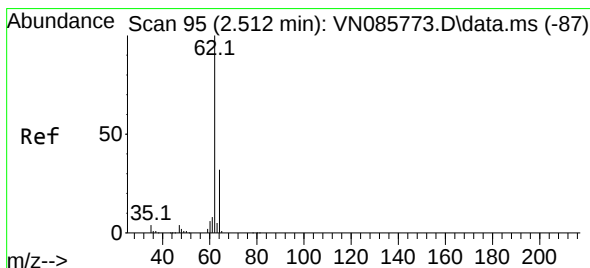
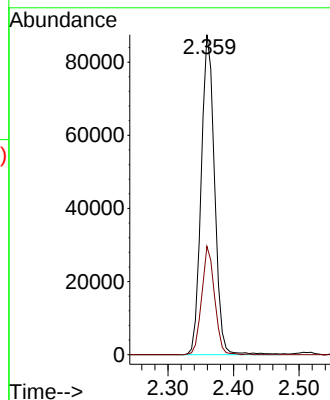
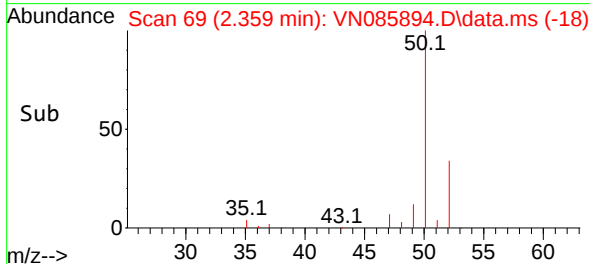
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 124569
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1

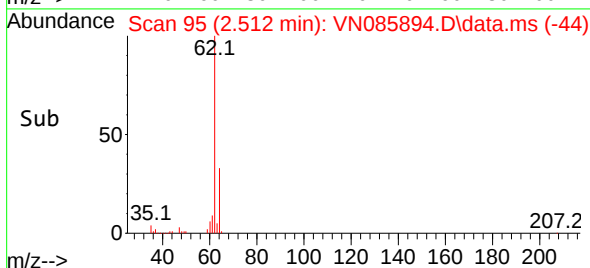
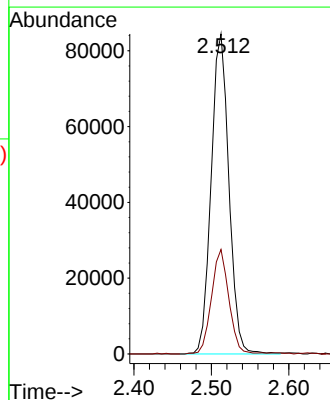
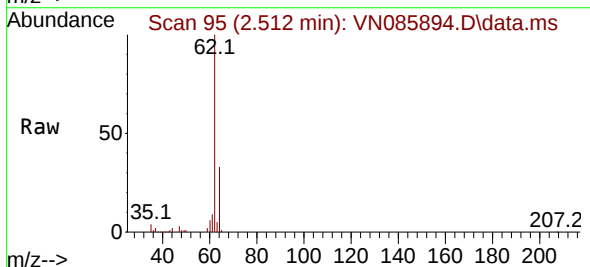
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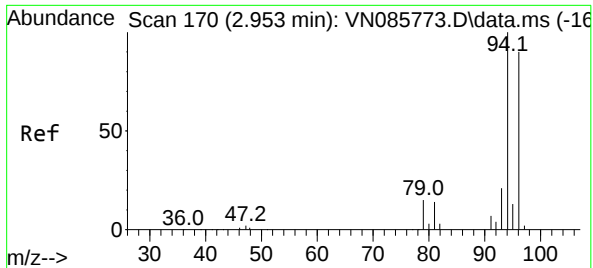
Reviewed By :John Carlone 02/28/2025
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#4
Vinyl Chloride
Concen: 40.455 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion: 62 Resp: 134217
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9





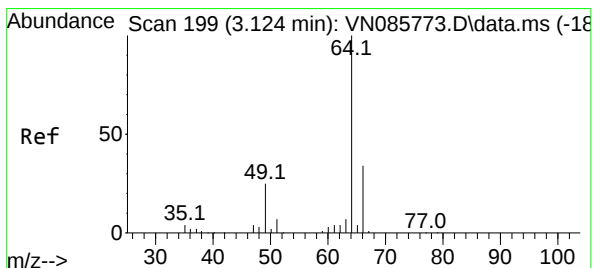
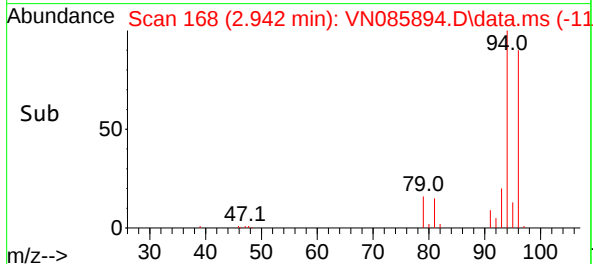
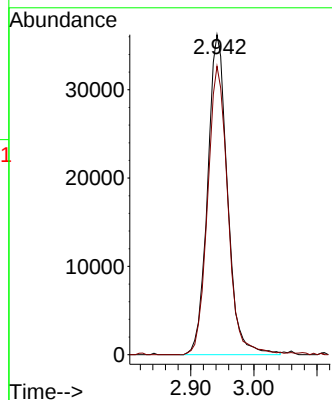
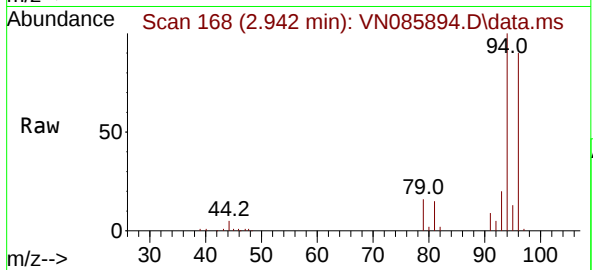
#5
Bromomethane
Concen: 37.339 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
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Tgt Ion: 94 Resp: 79210
Ion Ratio Lower Upper
94 100
96 90.1 71.7 107.5

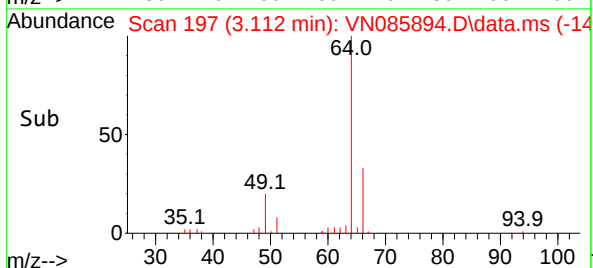
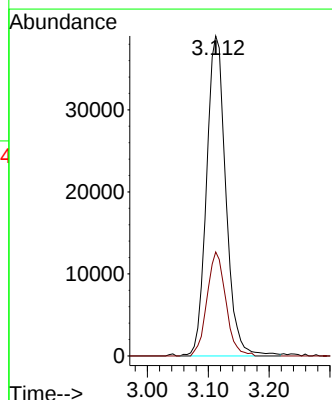
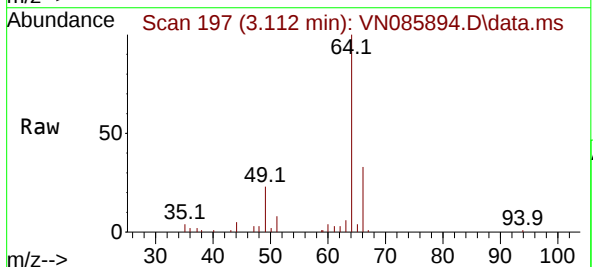
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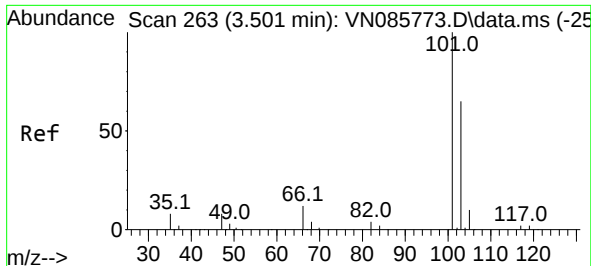
Reviewed By :John Carlone 02/28/2025
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#6
Chloroethane
Concen: 39.111 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion: 64 Resp: 85947
Ion Ratio Lower Upper
64 100
66 32.5 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 42.797 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

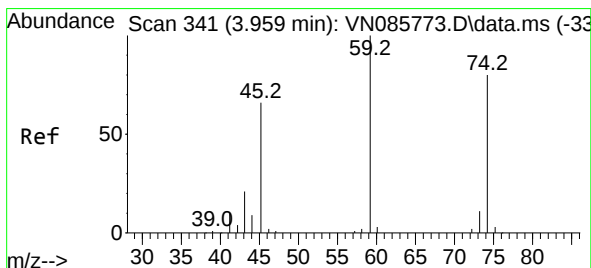
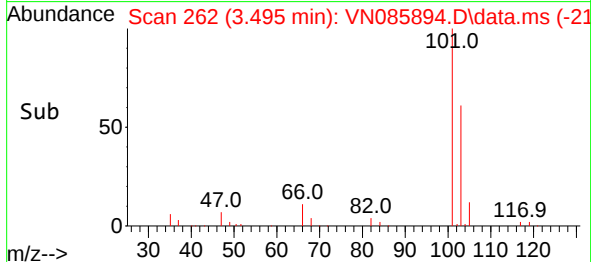
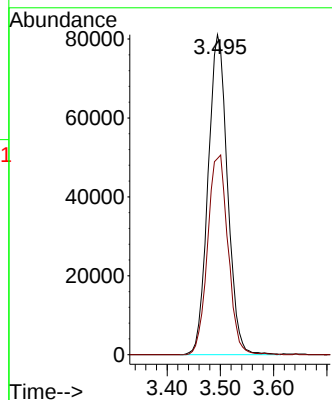
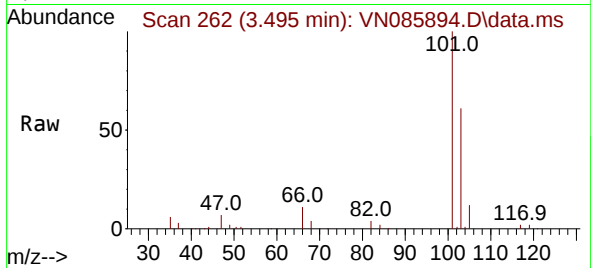
VSTDCCC050EC

Tgt Ion:101 Resp: 205570
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.2 78.4

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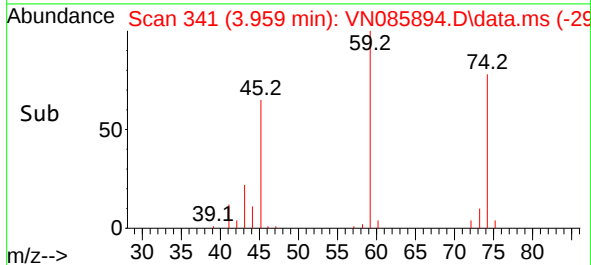
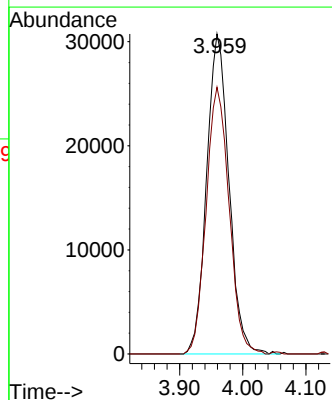
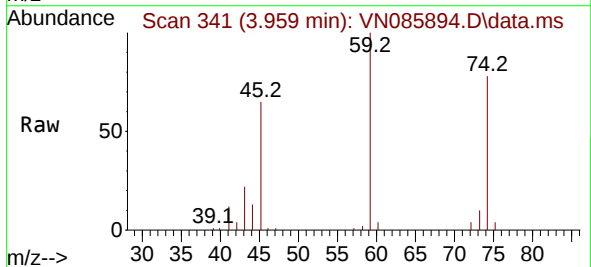
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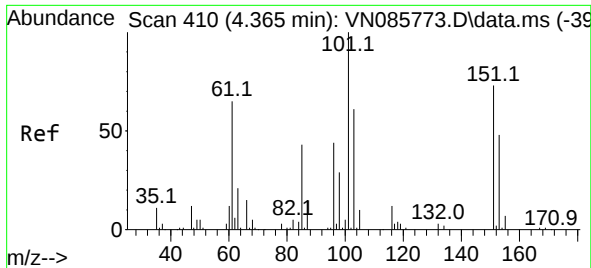
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#8
 Diethyl Ether
 Concen: 48.557 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085894.D
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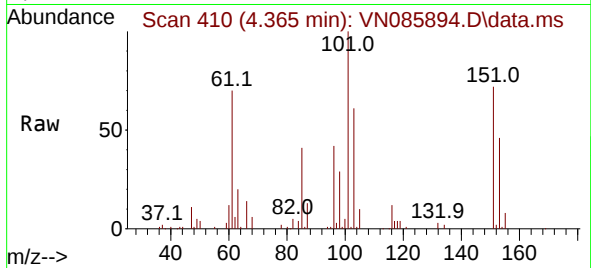
Tgt Ion: 74 Resp: 75467
 Ion Ratio Lower Upper
 74 100
 45 85.8 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.421 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

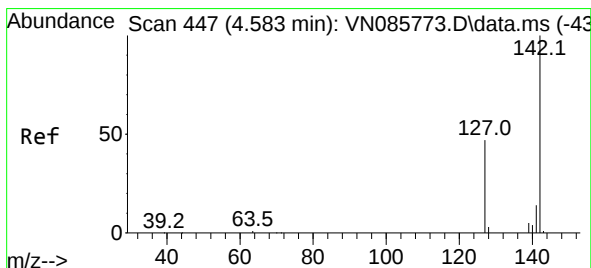
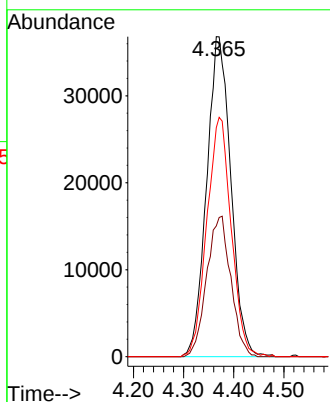
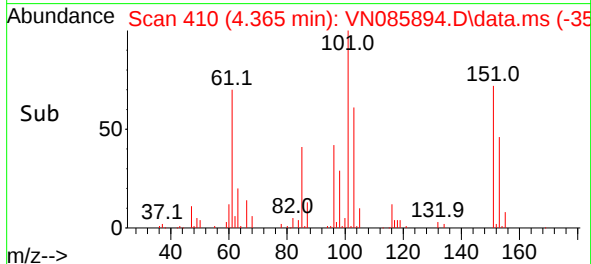
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



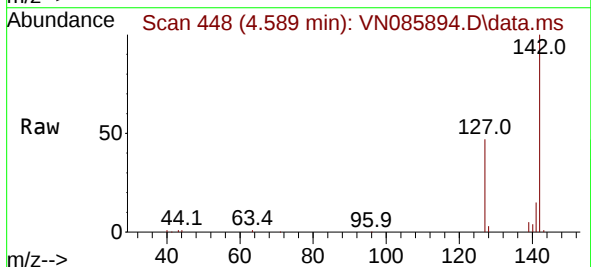
Tgt Ion:101 Resp: 123338
Ion Ratio Lower Upper
101 100
85 43.7 35.7 53.5
151 75.2 61.4 92.2

Manual Integrations
APPROVED

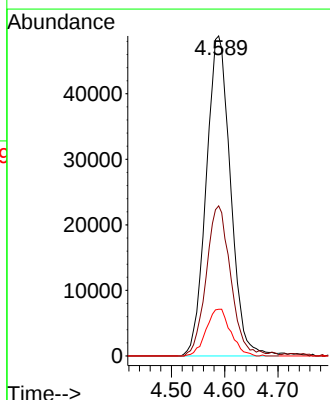
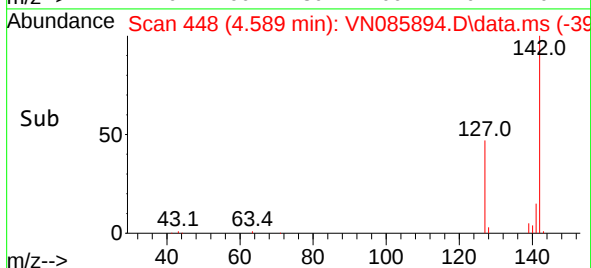
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 45.193 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



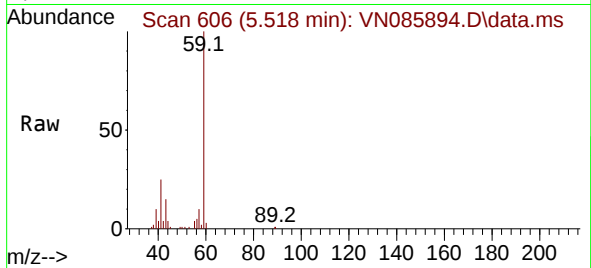
Tgt Ion:142 Resp: 154677
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 285.717 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

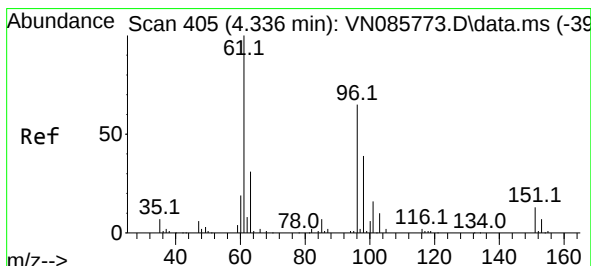
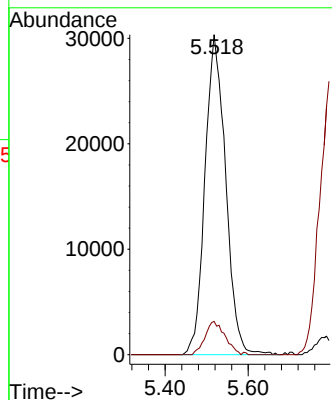
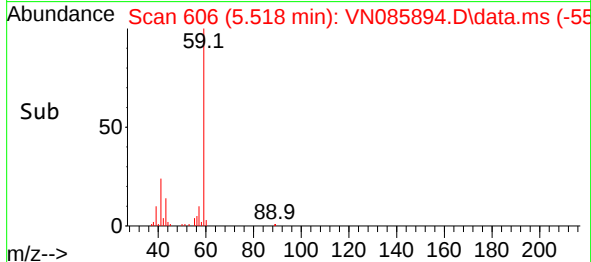
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



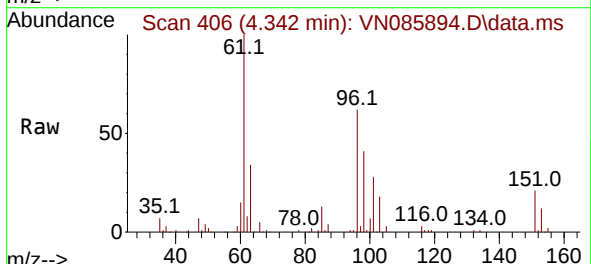
Tgt Ion: 59 Resp: 10459
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

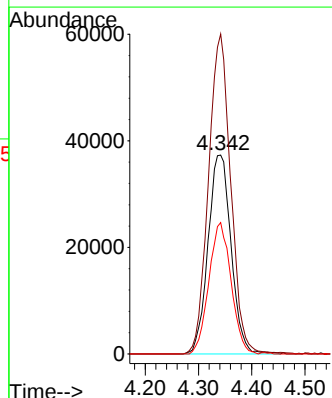
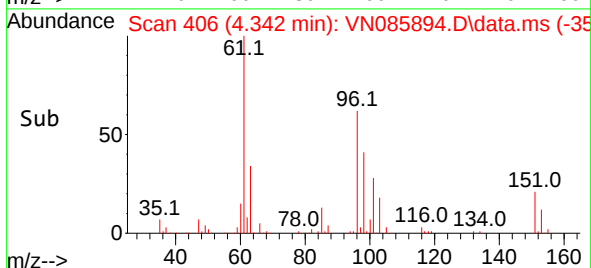
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#12
1,1-Dichloroethene
Concen: 44.519 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



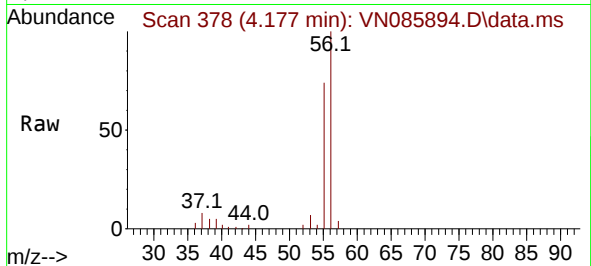
Tgt Ion: 96 Resp: 112080
Ion Ratio Lower Upper
96 100
61 160.9 123.3 184.9
98 66.0 48.6 72.8





#13
Acrolein
Concen: 232.701 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

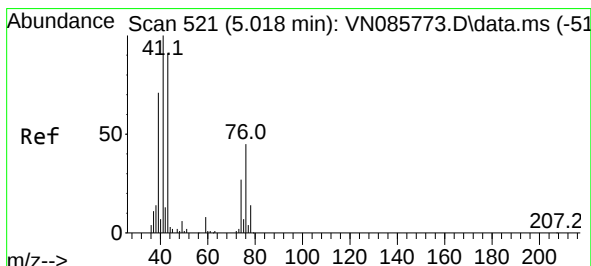
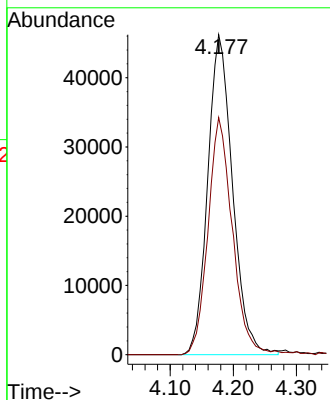
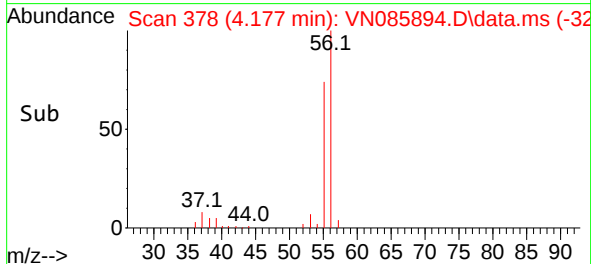
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



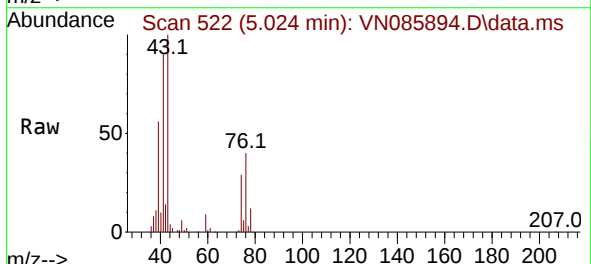
Tgt Ion: 56 Resp: 12632
Ion Ratio Lower Upper
56 100
55 73.2 55.3 82.9

Manual Integrations
APPROVED

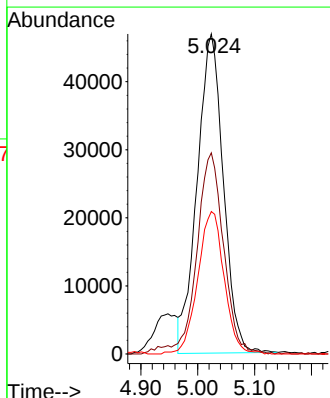
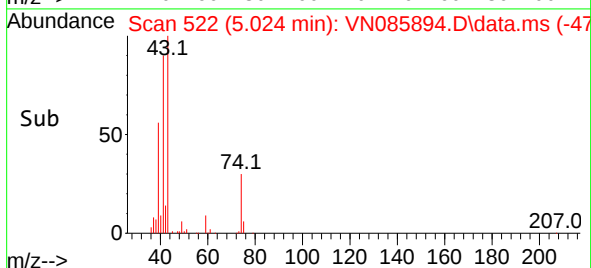
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 45.354 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



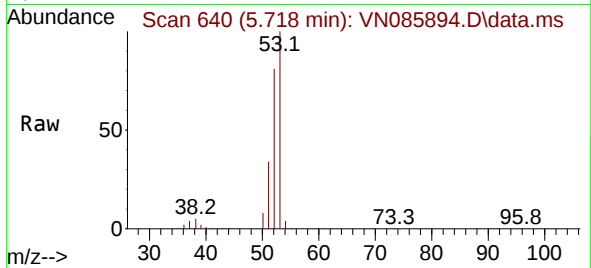
Tgt Ion: 41 Resp: 149911
Ion Ratio Lower Upper
41 100
39 65.1 57.4 86.2
76 45.0 36.2 54.2





#15
Acrylonitrile
Concen: 268.854 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

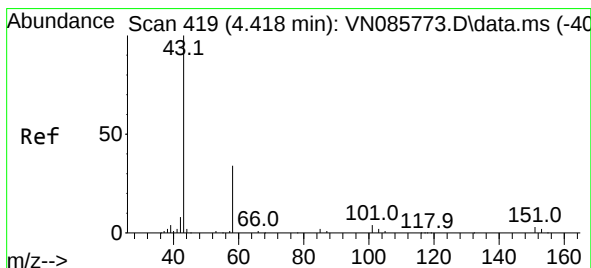
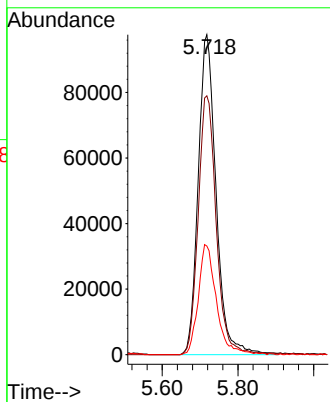
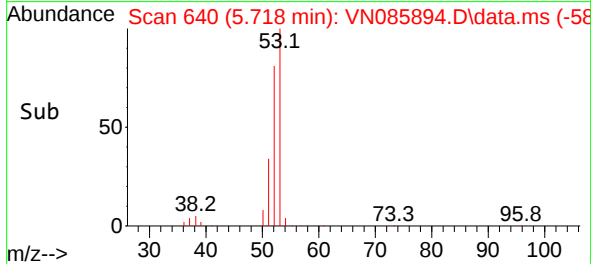
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



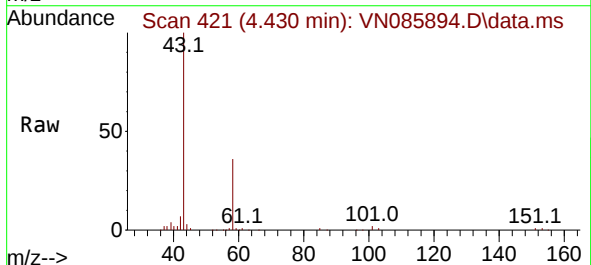
Tgt Ion: 53 Resp: 319949
Ion Ratio Lower Upper
53 100
52 81.8 65.8 98.6
51 35.0 28.6 42.8

Manual Integrations
APPROVED

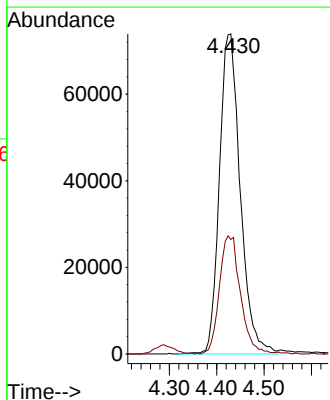
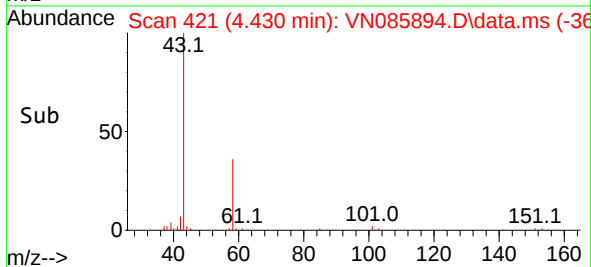
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

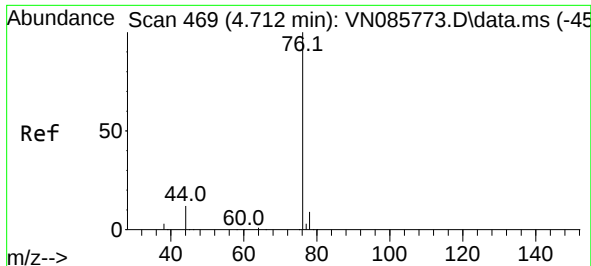


#16
Acetone
Concen: 240.096 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



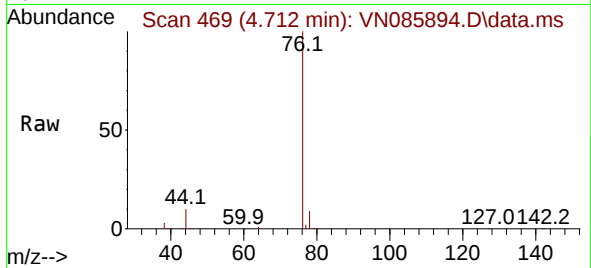
Tgt Ion: 43 Resp: 226112
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3





#17
Carbon Disulfide
Concen: 38.289 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

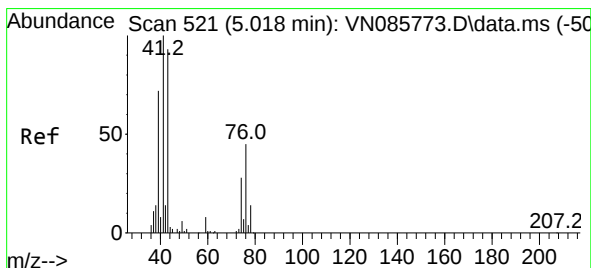
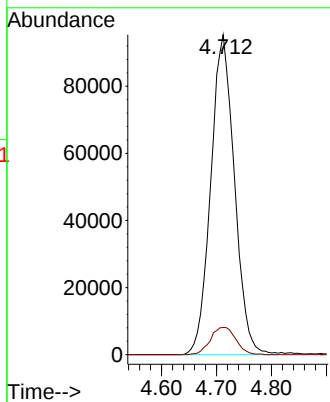
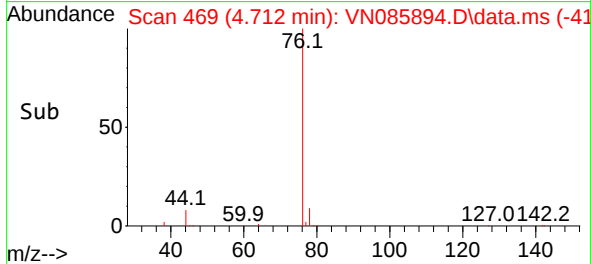
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



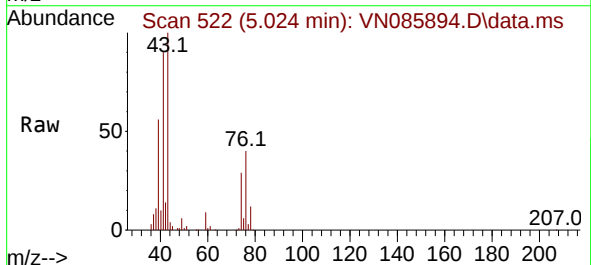
Tgt Ion: 76 Resp: 28568
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

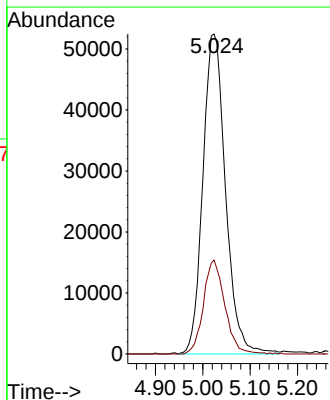
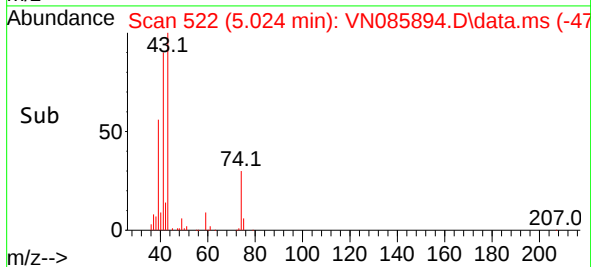
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#18
Methyl Acetate
Concen: 53.878 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



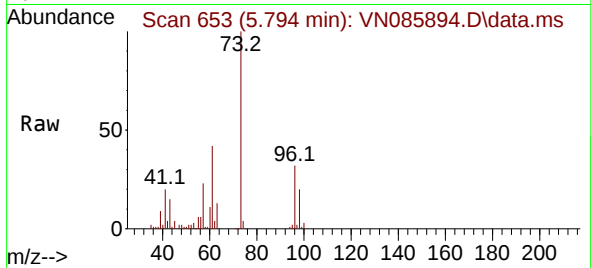
Tgt Ion: 43 Resp: 174520
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 51.980 ug/l
RT: 5.794 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

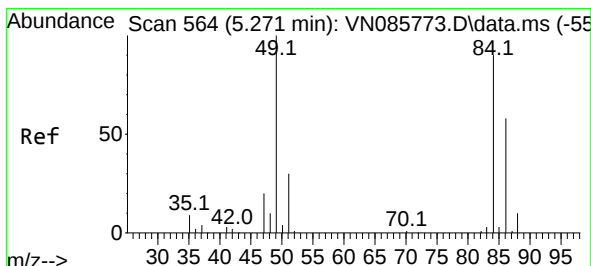
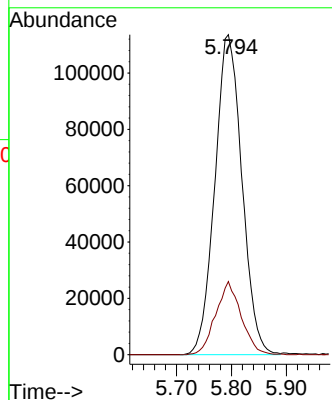
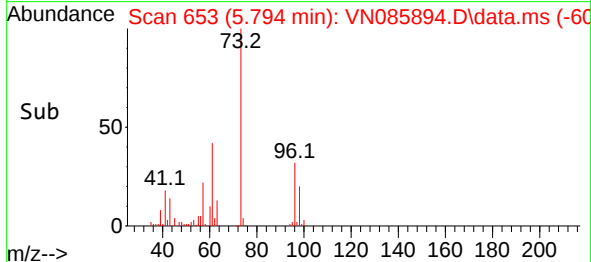
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 38886
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

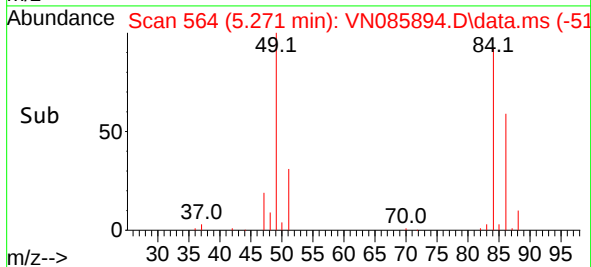
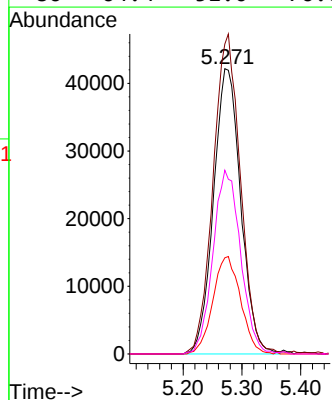
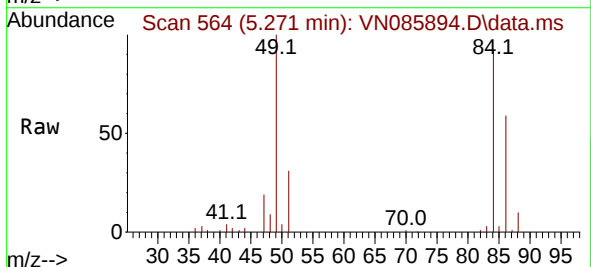
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 44.850 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

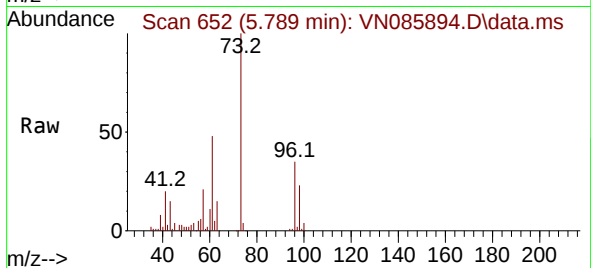
Tgt Ion: 84 Resp: 135832
Ion Ratio Lower Upper
84 100
49 108.6 88.4 132.6
51 33.7 26.6 40.0
86 64.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.125 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

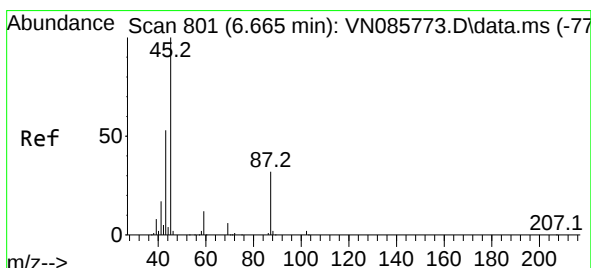
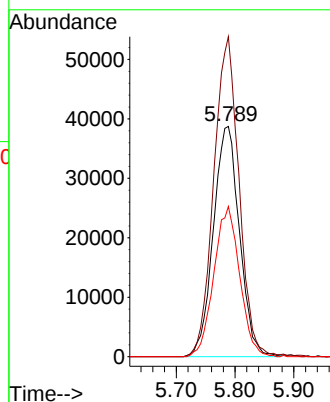
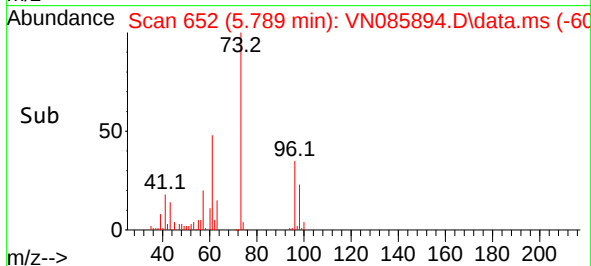
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 119610
Ion Ratio Lower Upper
96 100
61 139.0 112.6 168.8
98 65.3 53.3 79.9

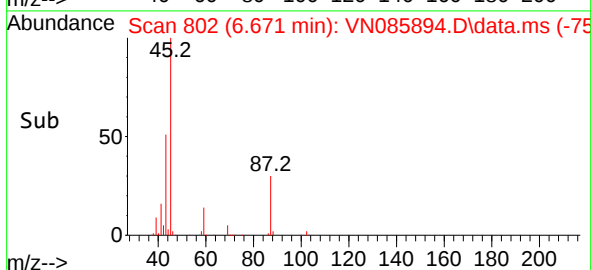
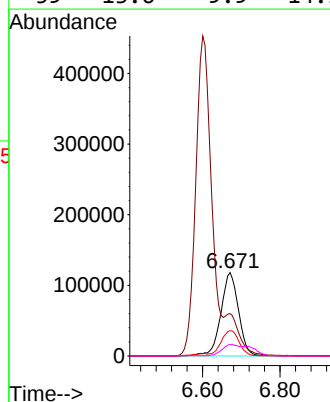
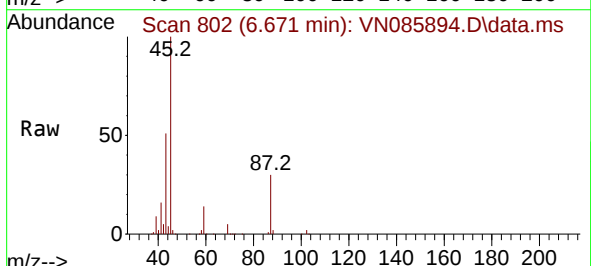
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 50.103 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion: 45 Resp: 374207
Ion Ratio Lower Upper
45 100
43 50.1 42.6 64.0
87 30.2 25.8 38.8
59 13.6 9.9 14.9





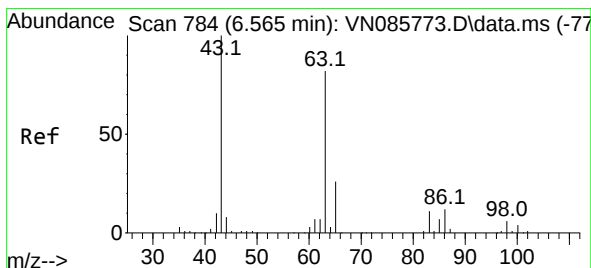
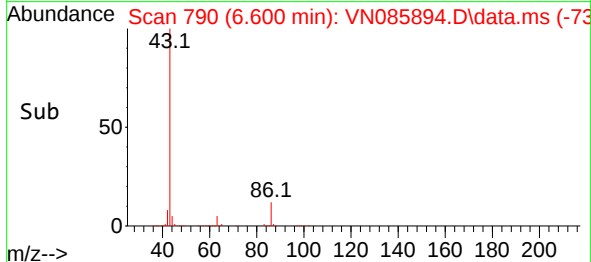
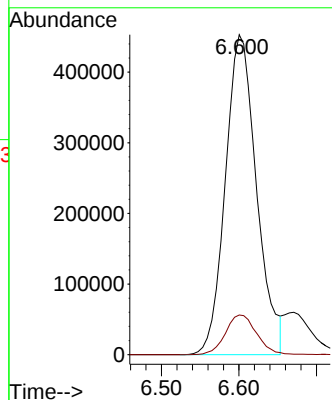
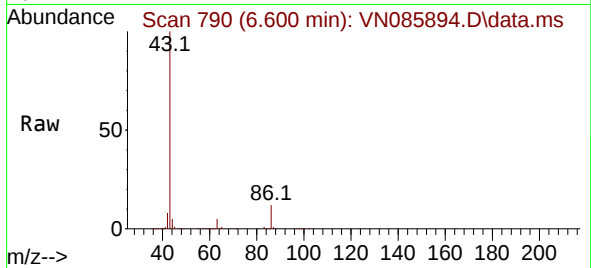
#23
 Vinyl Acetate
 Concen: 248.432 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 127046
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.8

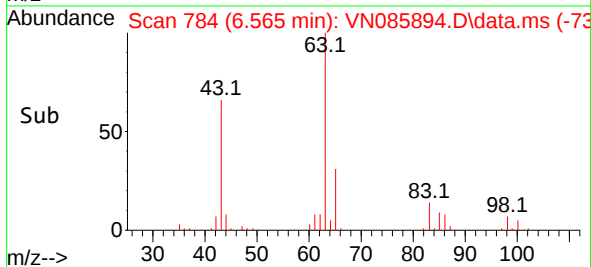
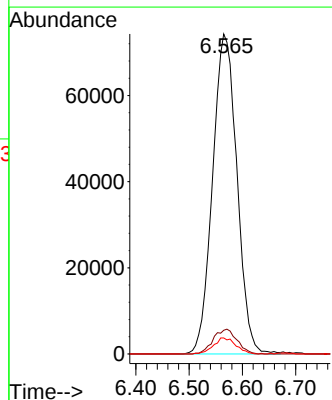
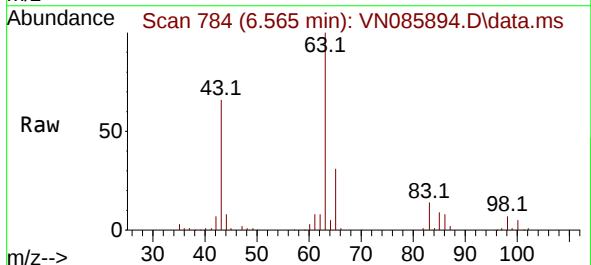
Manual Integrations
 APPROVED

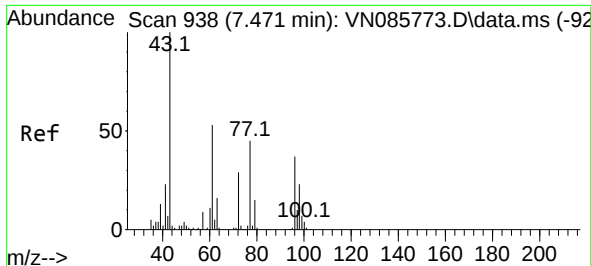
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 46.464 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

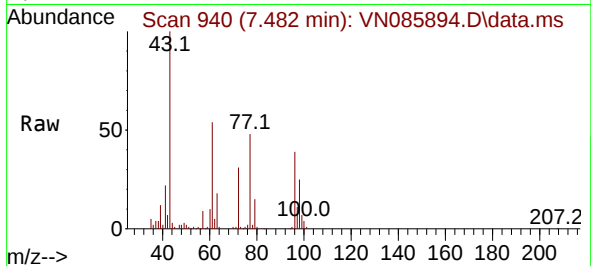
Tgt Ion: 63 Resp: 235907
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 266.881 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

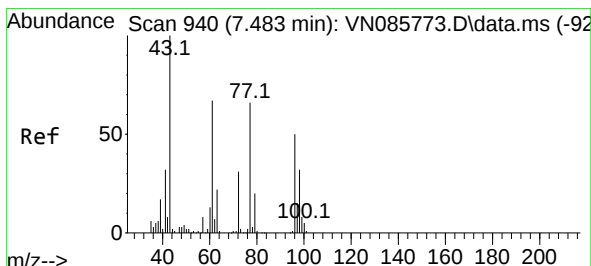
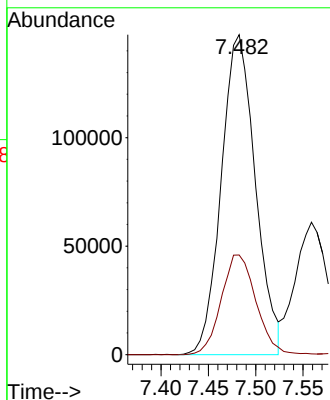
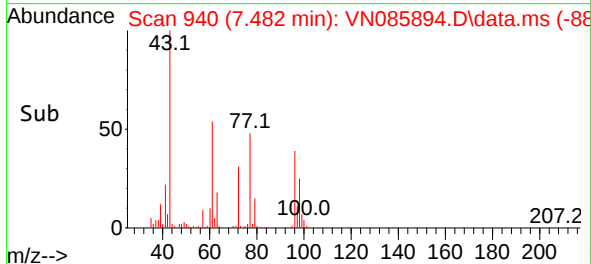
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 369764
Ion Ratio Lower Upper
43 100
72 31.1 23.6 35.4

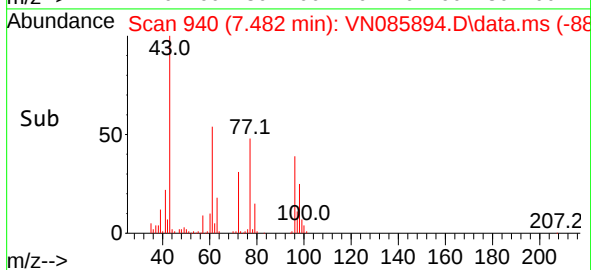
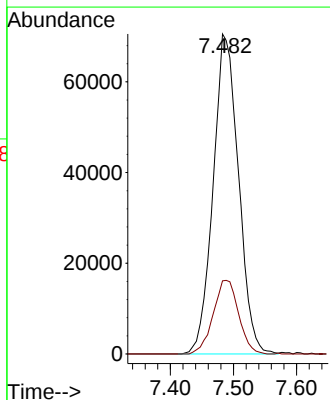
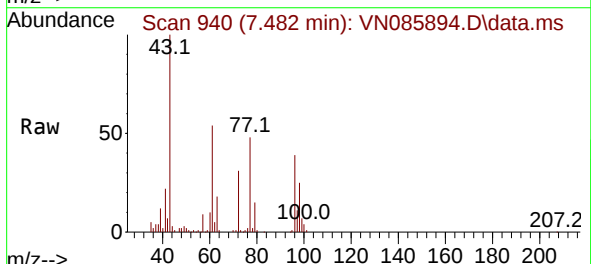
Manual Integrations
APPROVED

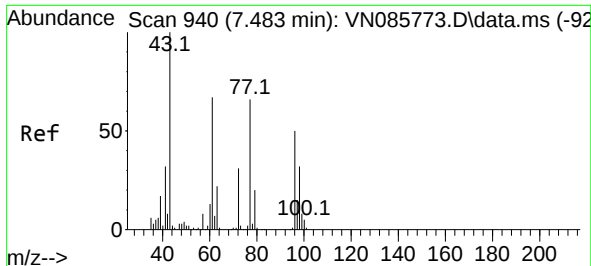
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 43.601 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

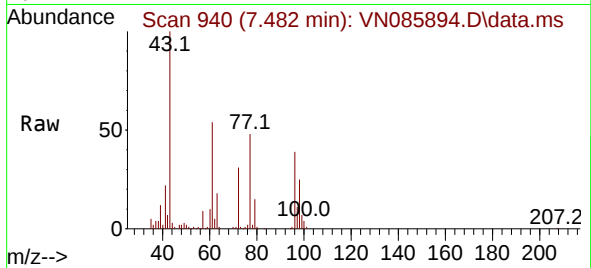
Tgt Ion: 77 Resp: 196848
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.800 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

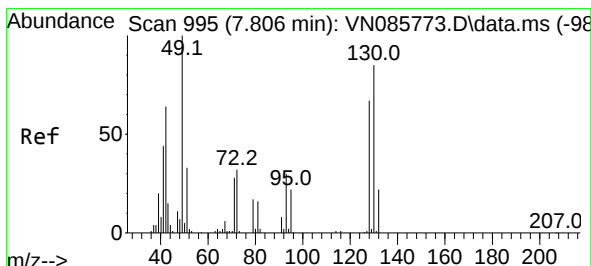
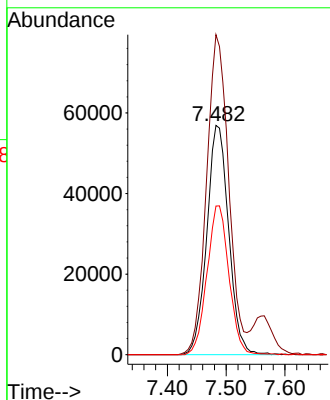
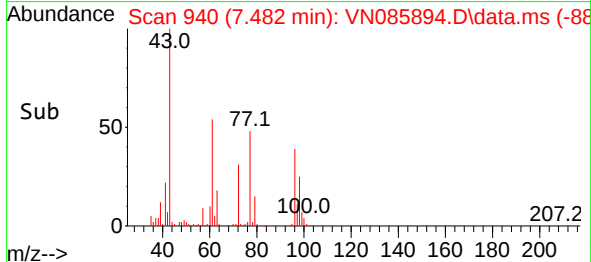
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 14710
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 280.6
 98 65.3 0.0 128.6

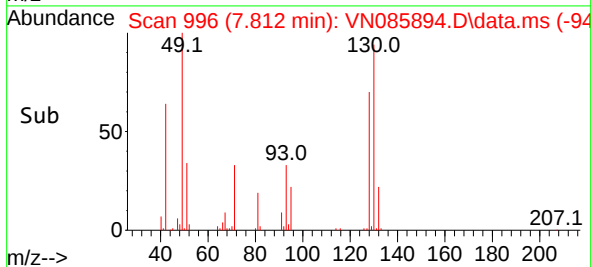
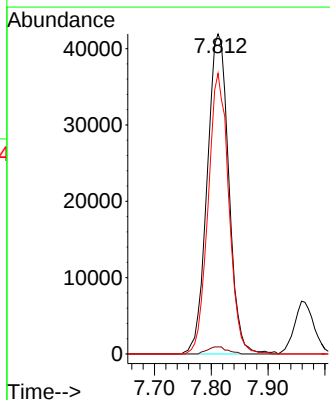
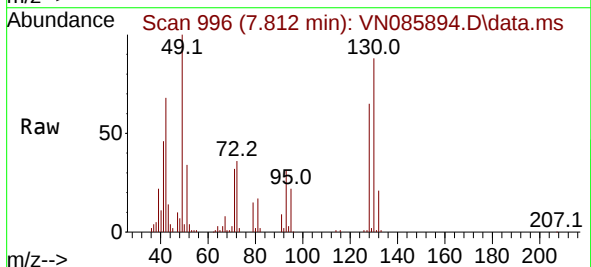
Manual Integrations
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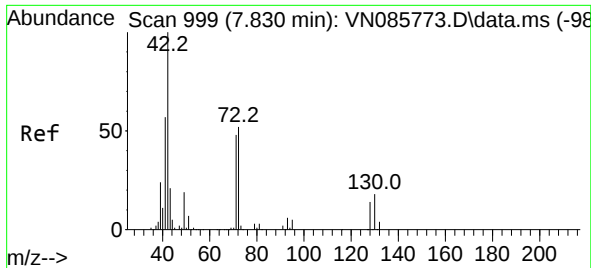
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#28
 Bromochloromethane
 Concen: 53.113 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

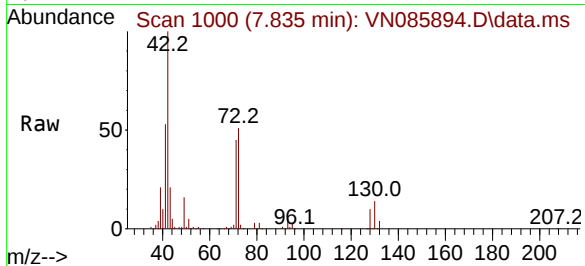
Tgt Ion: 49 Resp: 110835
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.4 68.0 102.0





#29
Tetrahydrofuran
Concen: 284.615 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

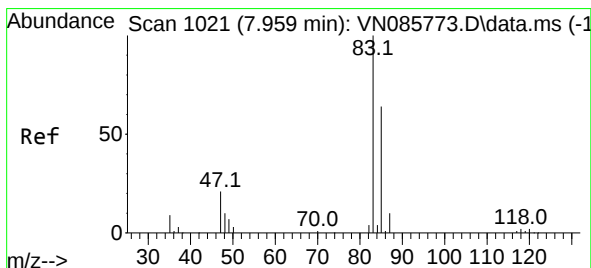
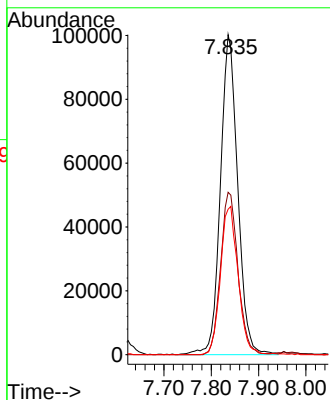
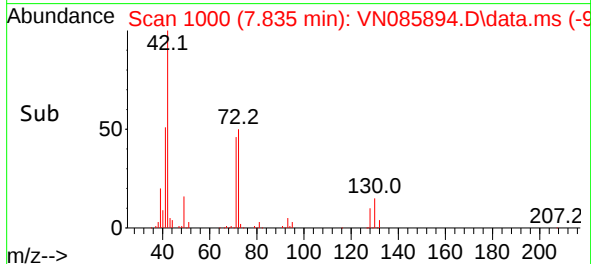
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 254639
Ion Ratio Lower Upper
42 100
72 50.9 40.0 60.0
71 47.1 37.0 55.4

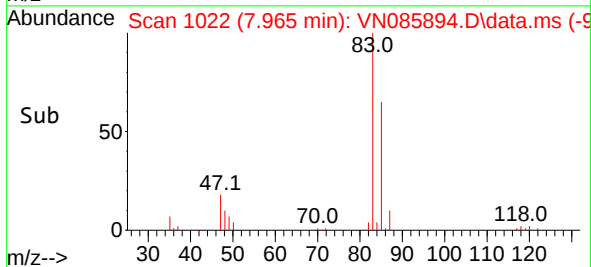
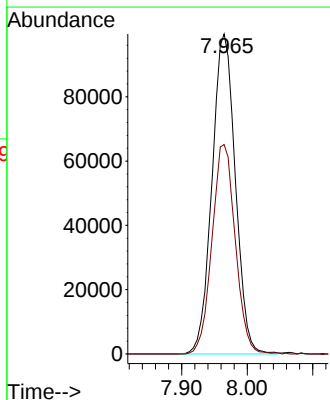
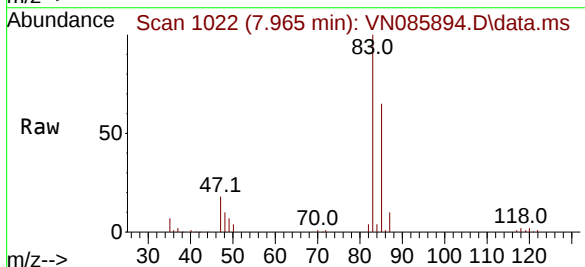
Manual Integrations
APPROVED

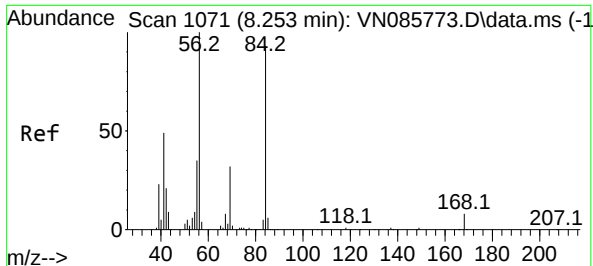
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#30
Chloroform
Concen: 46.272 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

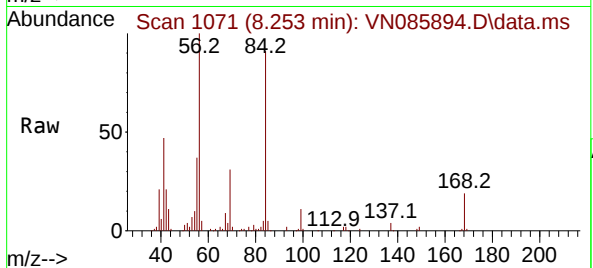
Tgt Ion: 83 Resp: 245511
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3





#31
Cyclohexane
Concen: 40.881 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

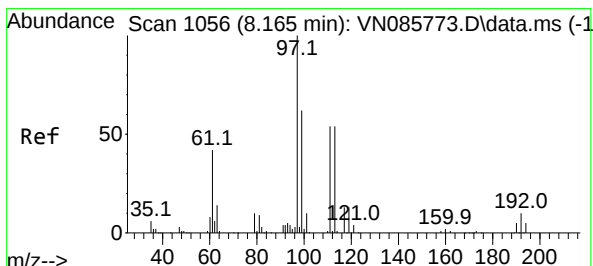
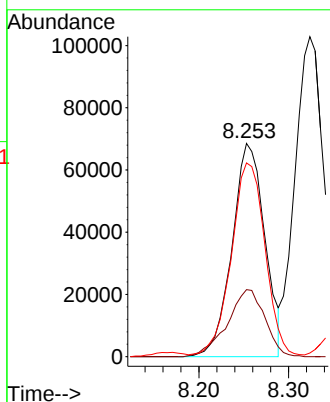
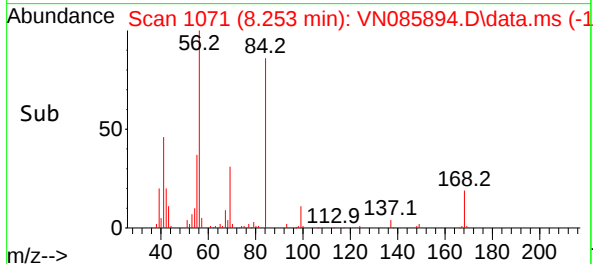
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 173789
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 89.2 74.5 111.7

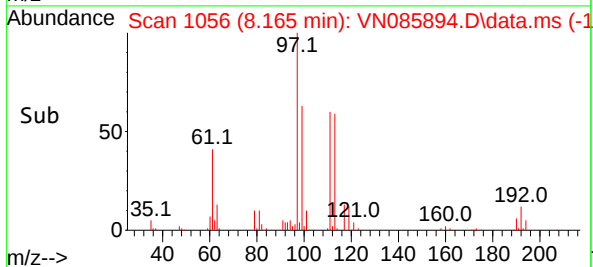
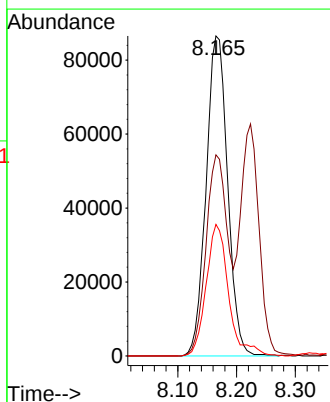
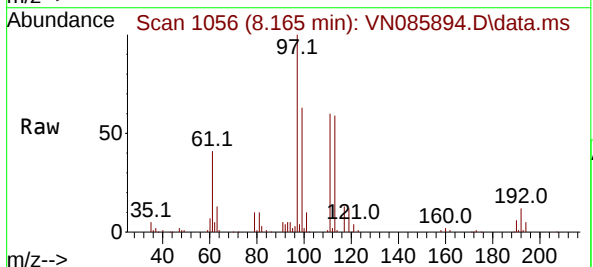
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 46.641 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion: 97 Resp: 220113
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 42.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.171 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 137418

Ion Ratio Lower Upper

65 100

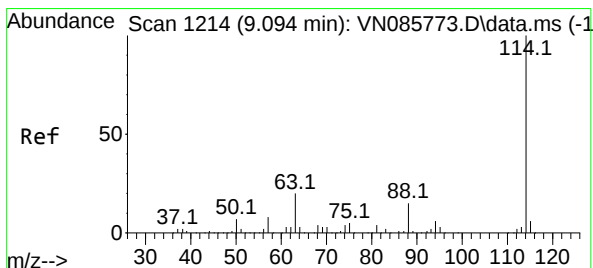
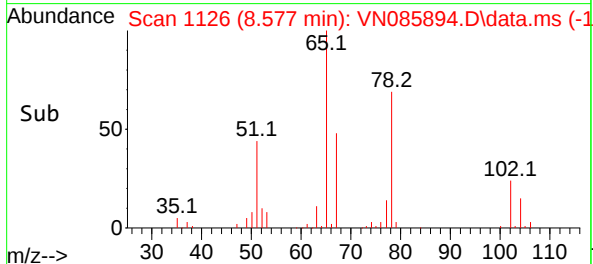
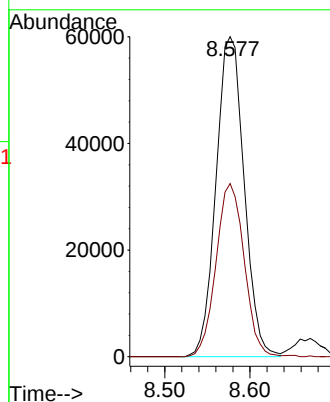
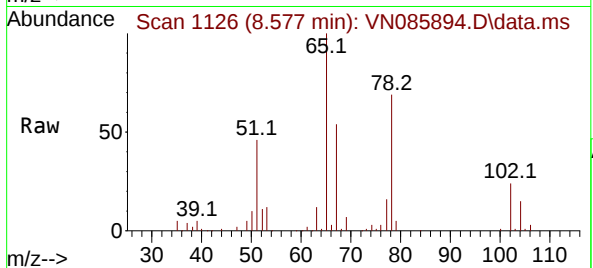
67 54.2 0.0 106.2

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

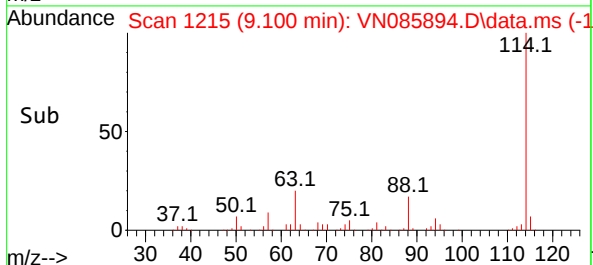
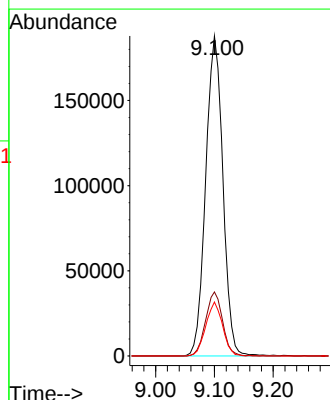
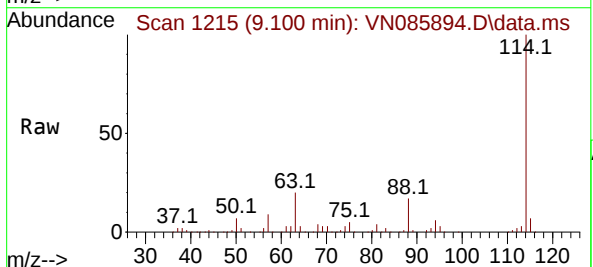
Tgt Ion:114 Resp: 381125

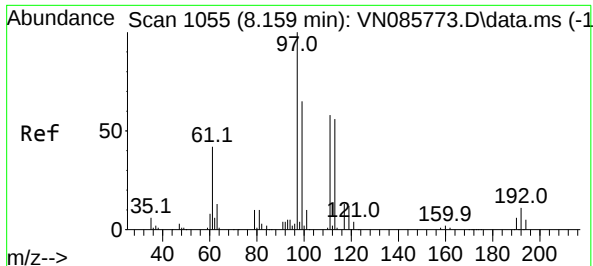
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.154 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 120090

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

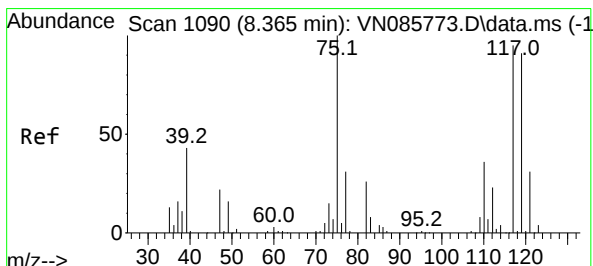
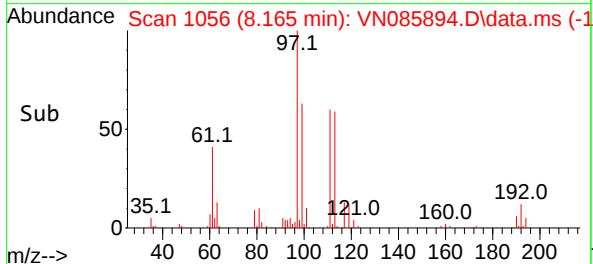
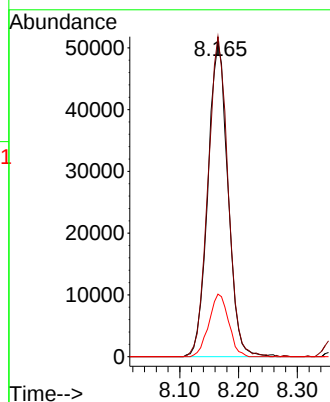
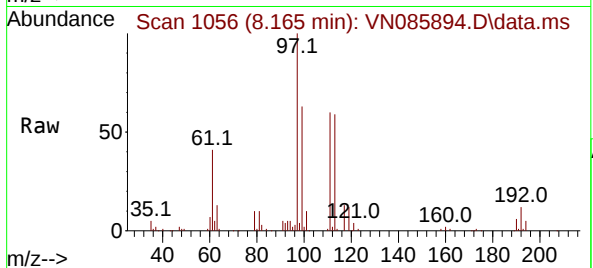
192 19.6 14.7 22.1

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 45.503 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

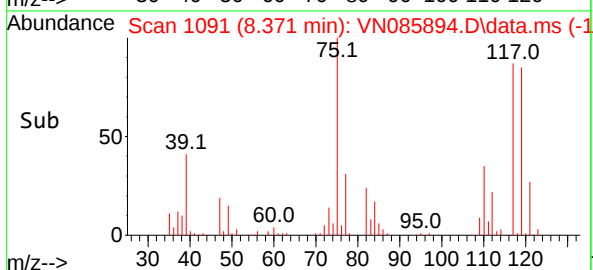
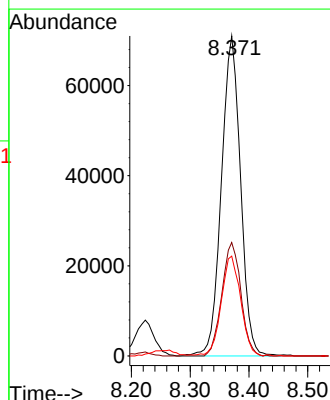
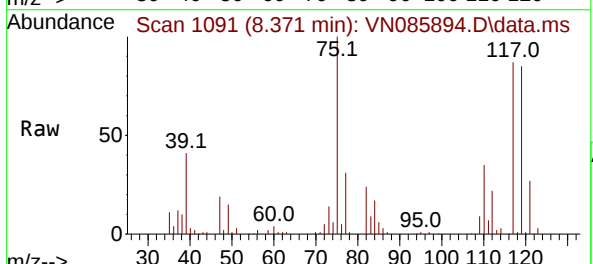
Tgt Ion: 75 Resp: 160605

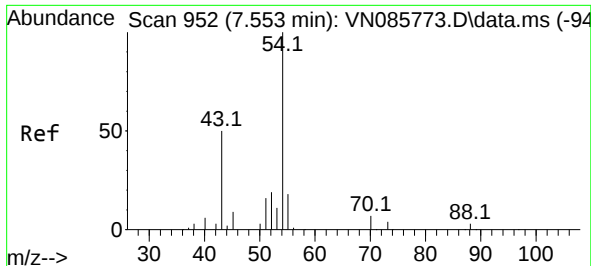
Ion Ratio Lower Upper

75 100

110 35.3 17.3 52.0

77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 52.374 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

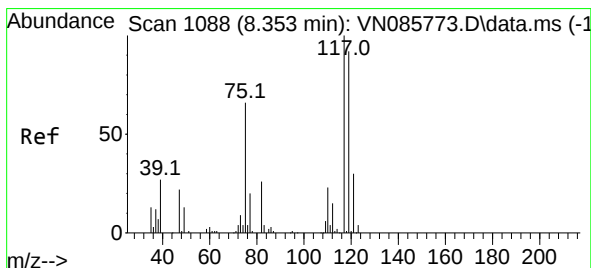
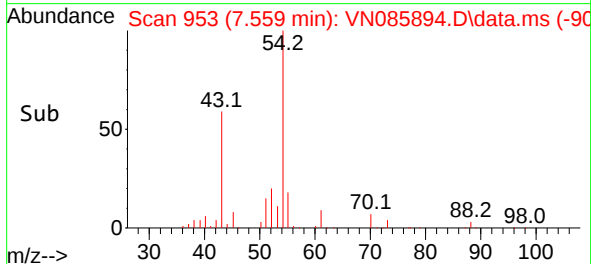
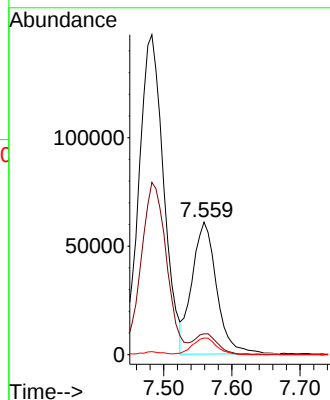
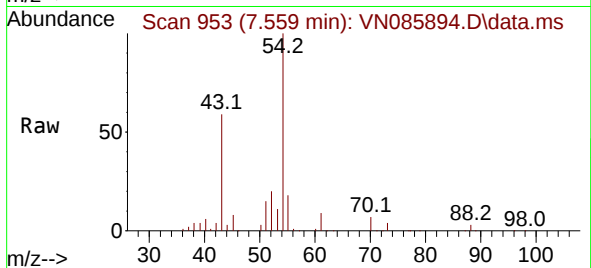
Tgt Ion: 43 Resp: 152125
 Ion Ratio Lower Upper
 43 100
 61 15.5 12.2 18.2
 70 12.6 9.5 14.3

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 46.290 ug/l

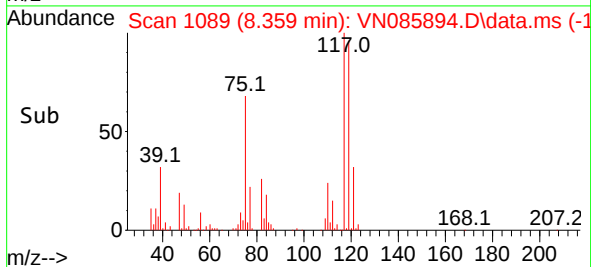
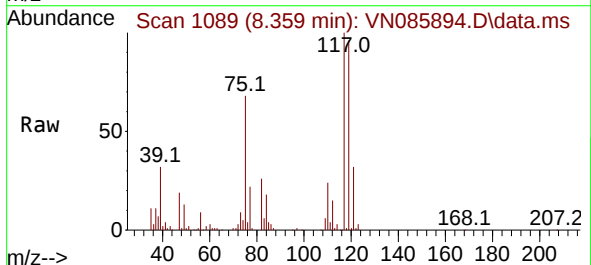
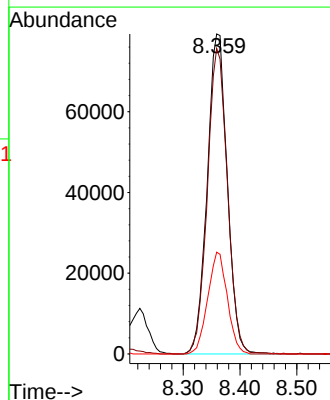
RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Tgt Ion:117 Resp: 194130
 Ion Ratio Lower Upper
 117 100
 119 95.5 73.8 110.6
 121 31.8 24.3 36.5





#39

Methylcyclohexane

Concen: 44.908 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

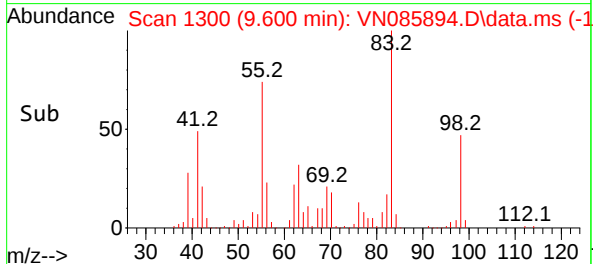
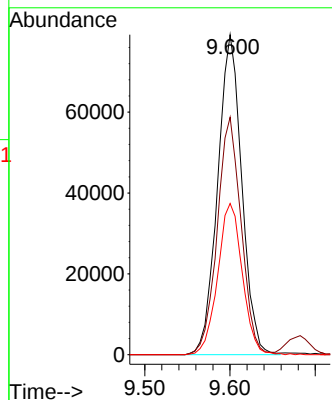
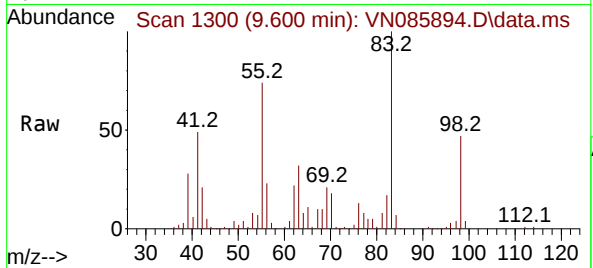
Tgt Ion: 83 Resp: 155714
 Ion Ratio Lower Upper
 83 100
 55 74.2 57.5 86.3
 98 47.2 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 47.109 ug/l

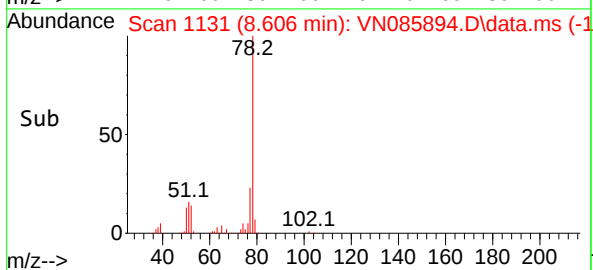
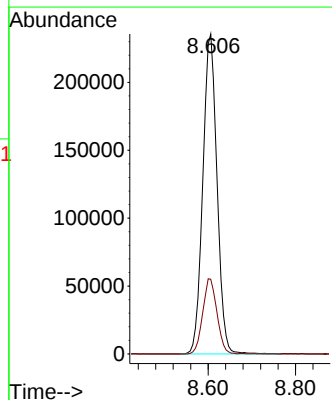
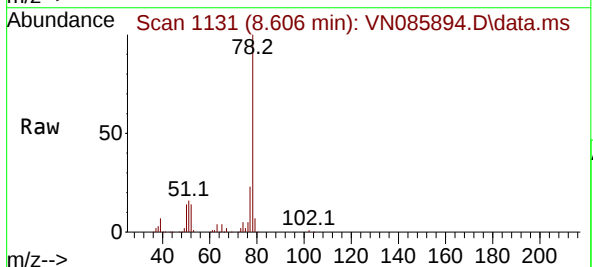
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

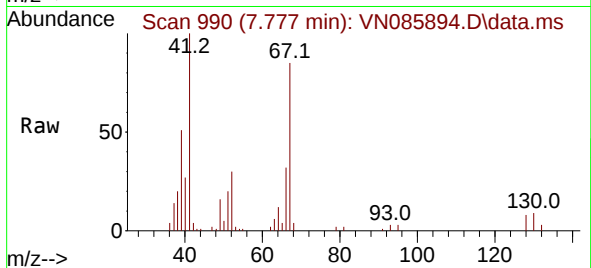
Tgt Ion: 78 Resp: 532913
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.3 27.5





#41
Methacrylonitrile
Concen: 54.655 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

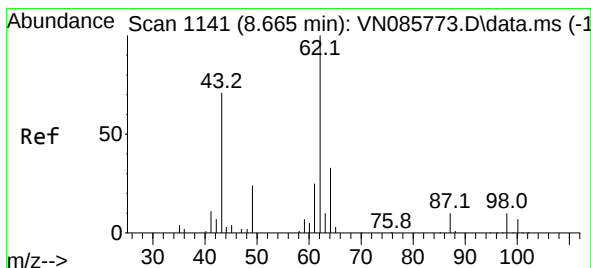
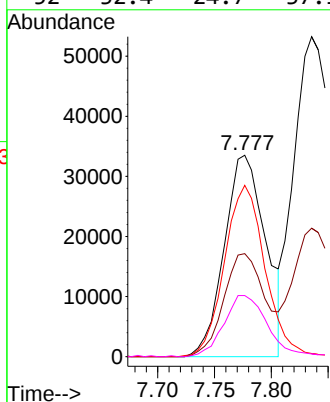
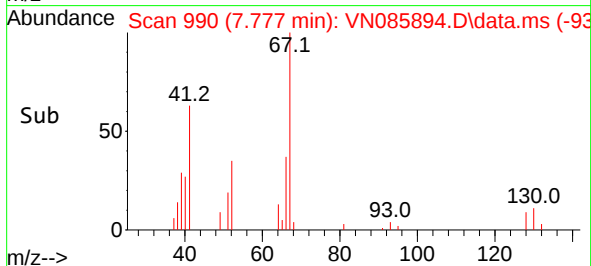
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 8486
Ion Ratio Lower Upper
41 100
39 51.6 42.0 63.0
67 84.2 64.2 96.4
52 32.4 24.7 37.1

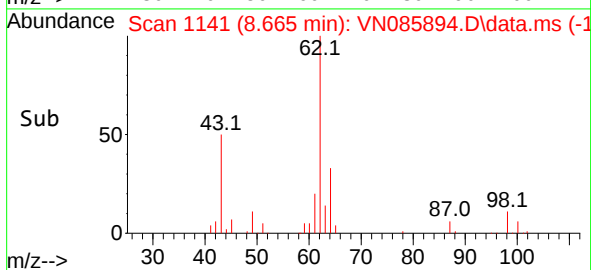
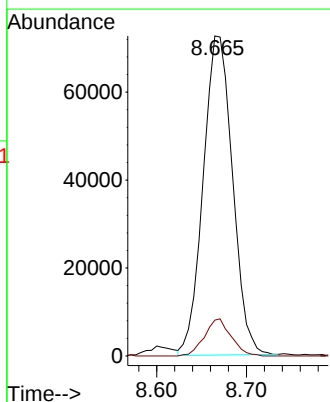
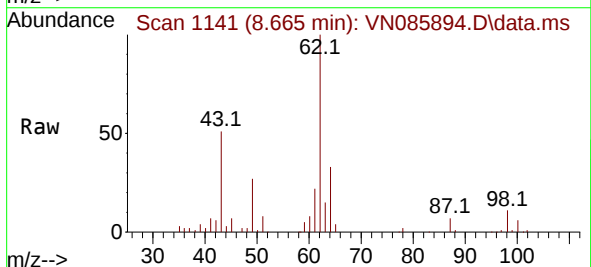
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 44.733 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

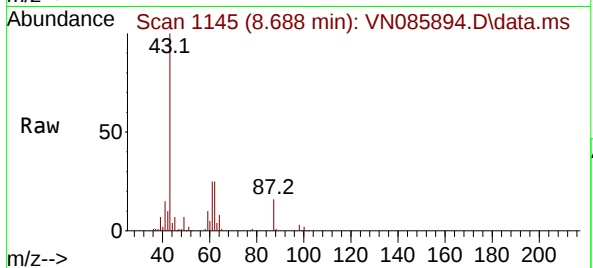
Tgt Ion: 62 Resp: 164830
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 57.545 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

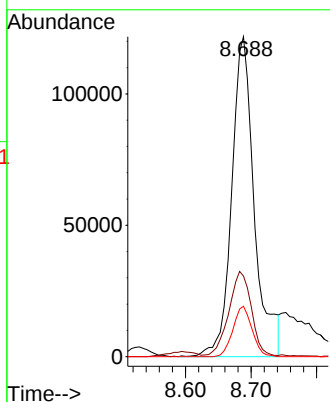
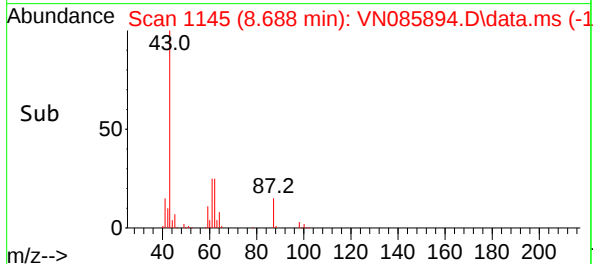
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 292910
Ion Ratio Lower Upper
43 100
61 25.9 22.6 34.0
87 13.3 11.8 17.8

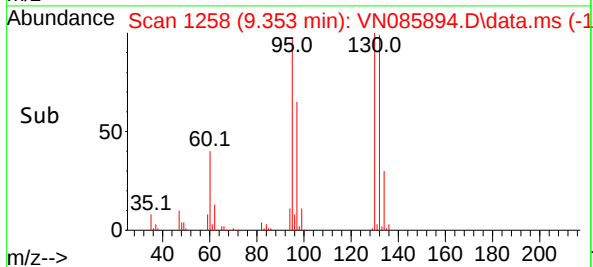
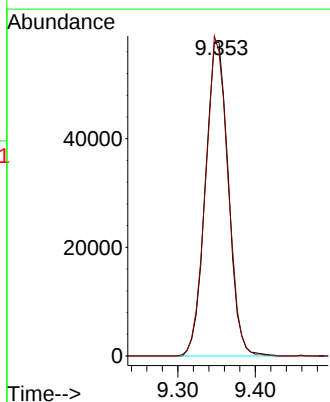
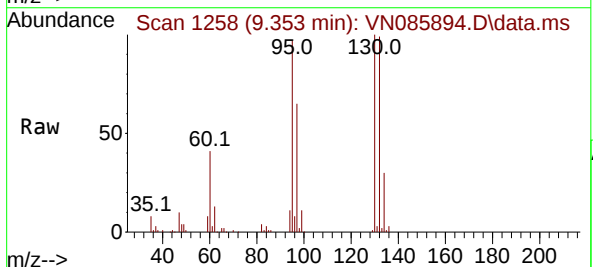
Manual Integrations
APPROVED

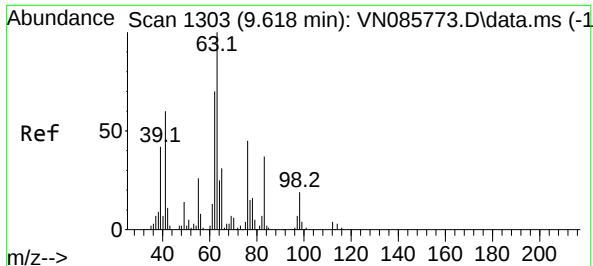
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 42.823 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion:130 Resp: 118942
Ion Ratio Lower Upper
130 100
95 97.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 49.133 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13416

Ion Ratio Lower Upper

63 100

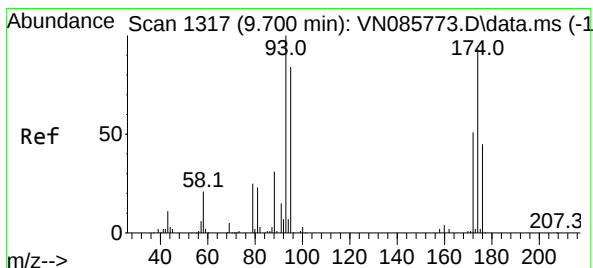
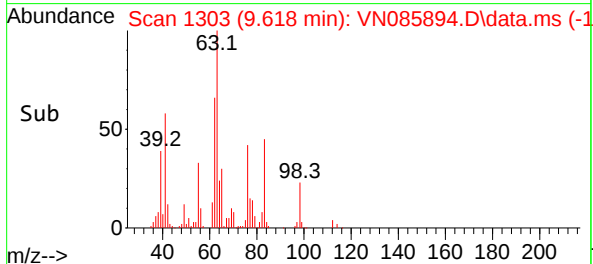
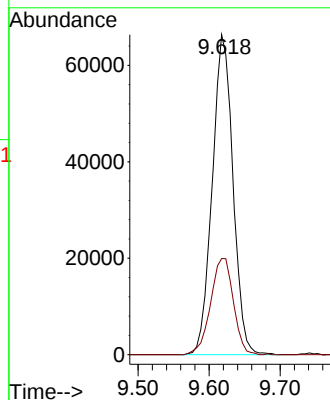
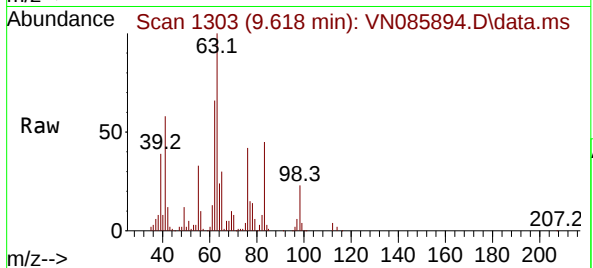
65 30.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 48.663 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

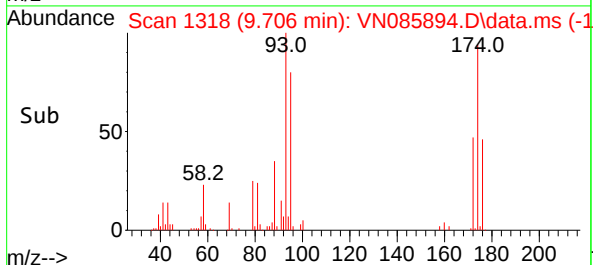
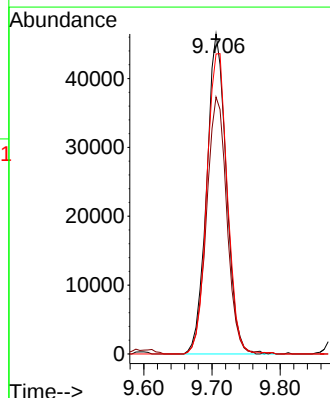
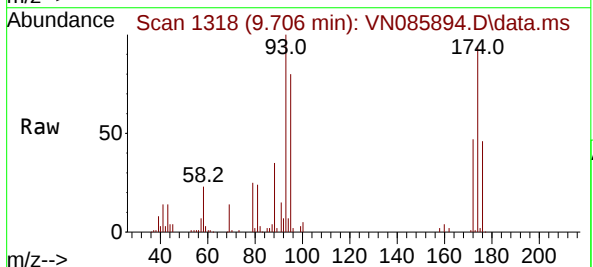
Tgt Ion: 93 Resp: 93729

Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

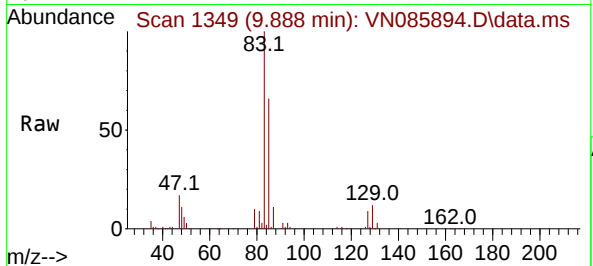
174 97.6 77.2 115.8





#47
Bromodichloromethane
Concen: 47.937 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

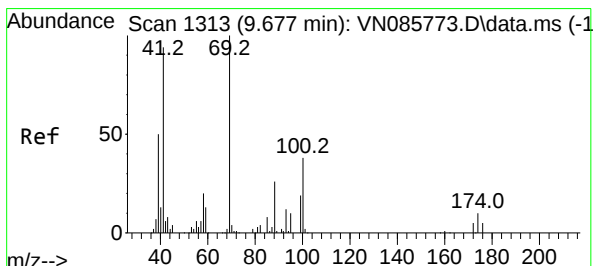
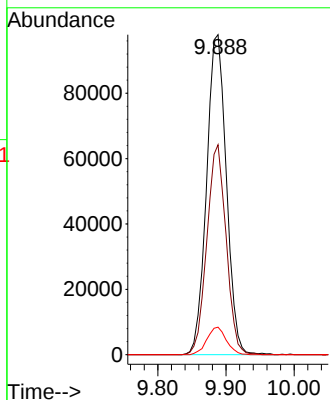
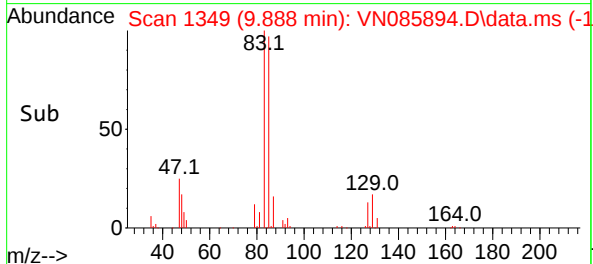
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



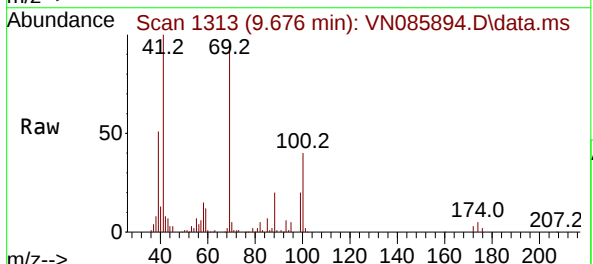
Tgt Ion: 83 Resp: 19753
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.6 7.2 10.8

Manual Integrations
APPROVED

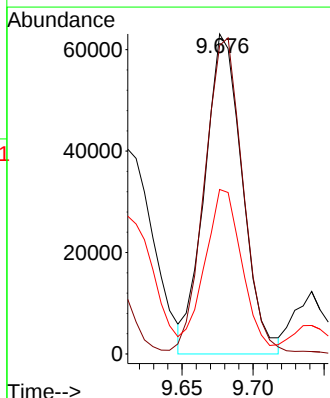
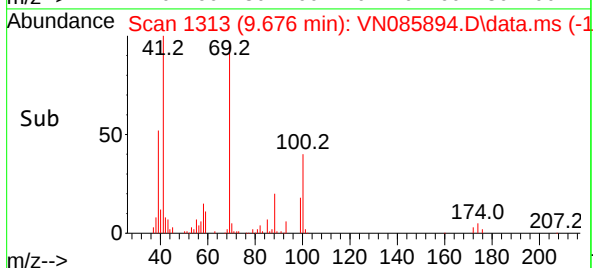
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

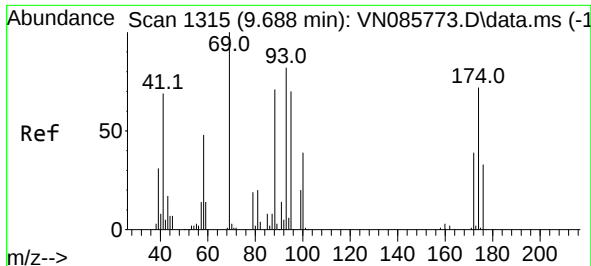


#48
Methyl methacrylate
Concen: 53.975 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



Tgt Ion: 41 Resp: 116432
Ion Ratio Lower Upper
41 100
69 99.9 76.0 114.0
39 51.6 42.3 63.5





#49

1,4-Dioxane

Concen: 1305.395 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

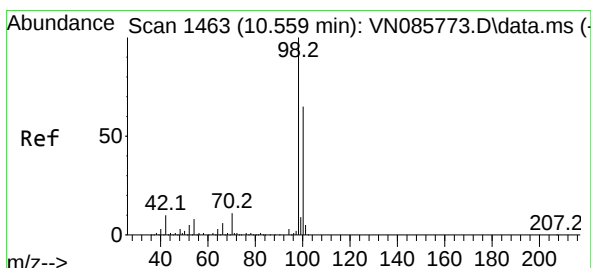
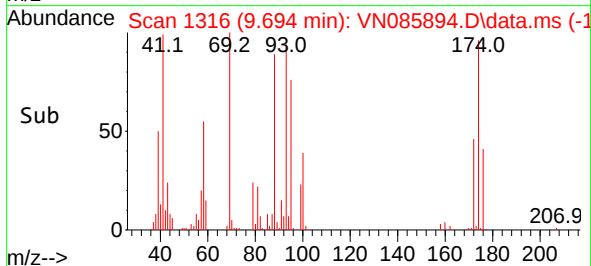
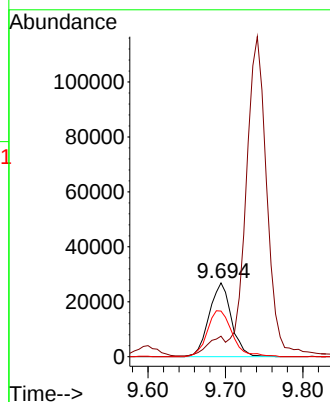
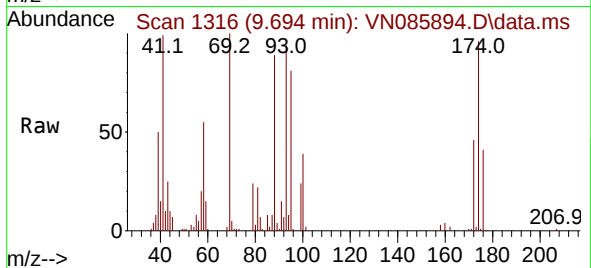
Tgt Ion: 88 Resp: 53548
 Ion Ratio Lower Upper
 88 100
 43 21.5 18.6 27.8
 58 70.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 50.261 ug/l

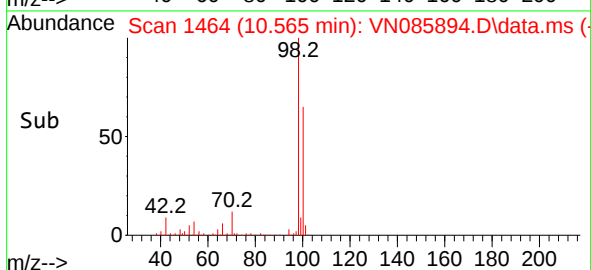
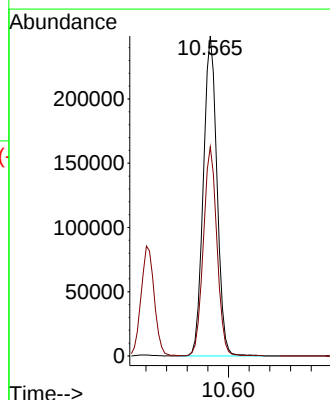
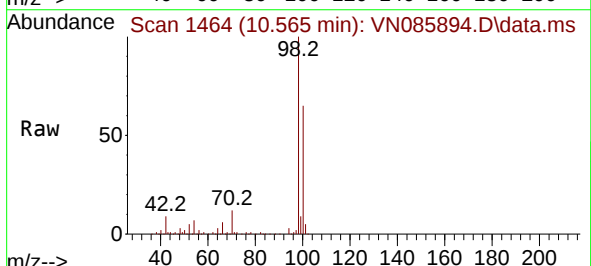
RT: 10.565 min Scan# 1464

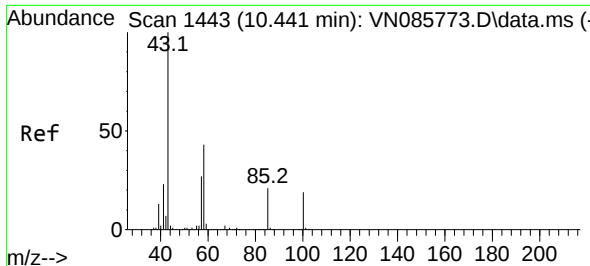
Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Tgt Ion: 98 Resp: 456045
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.1 78.1





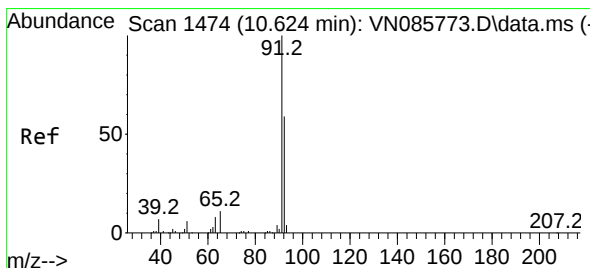
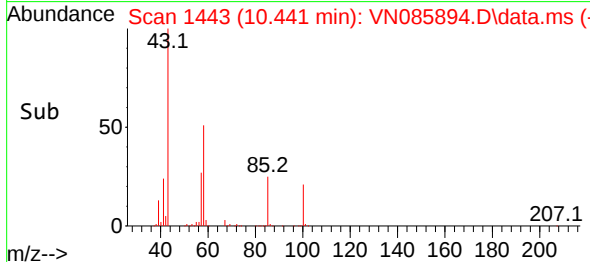
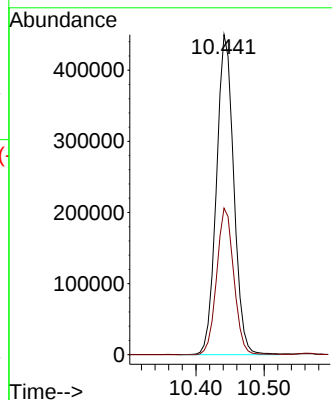
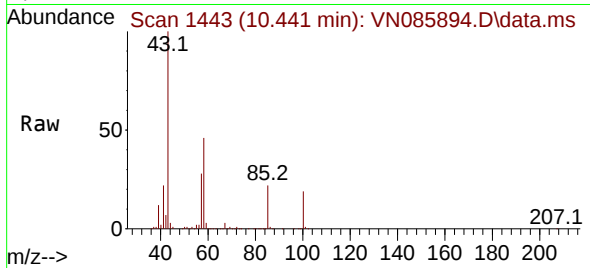
#51
4-Methyl-2-Pentanone
Concen: 284.341 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 796278
Ion Ratio Lower Upper
43 100
58 45.3 34.6 52.0

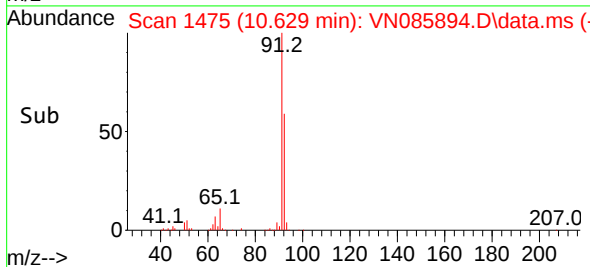
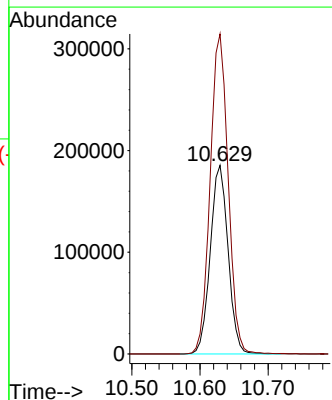
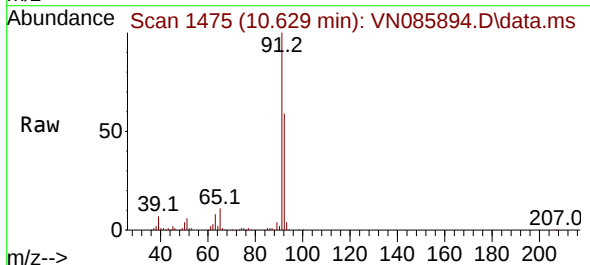
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 50.892 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

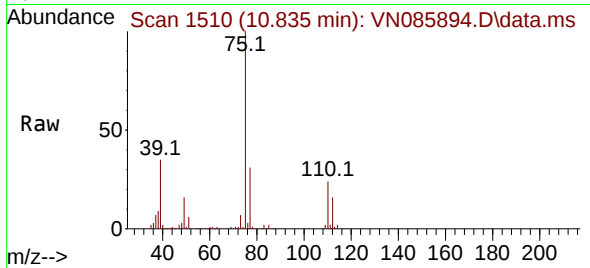
Tgt Ion: 92 Resp: 337476
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 50.970 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

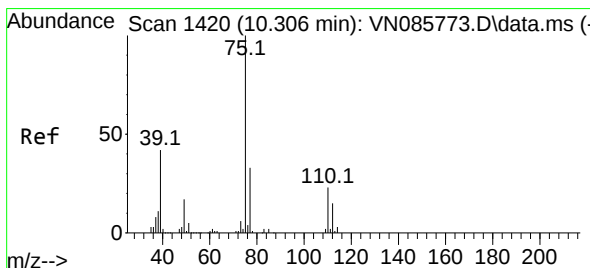
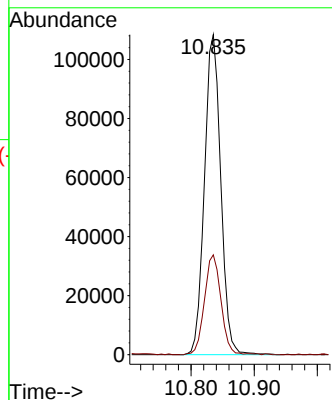
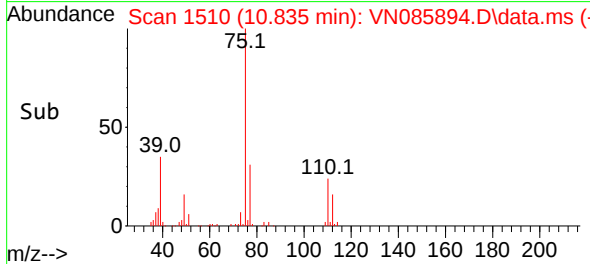
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 19421
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

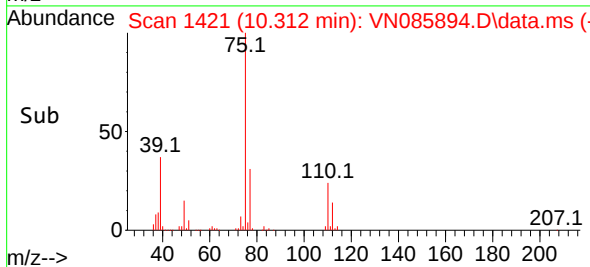
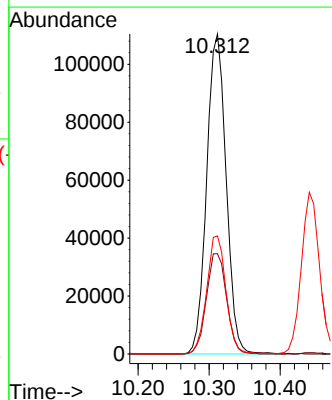
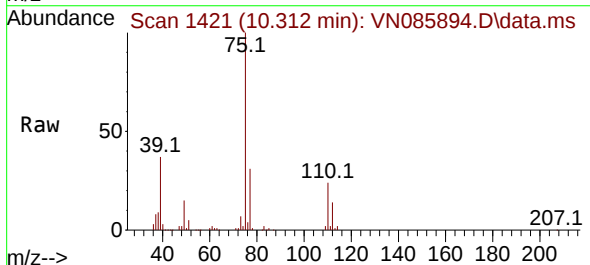
Manual Integrations
APPROVED

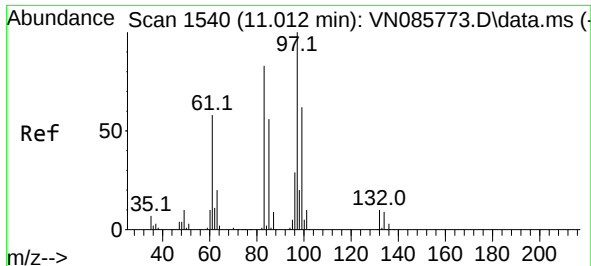
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 50.308 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

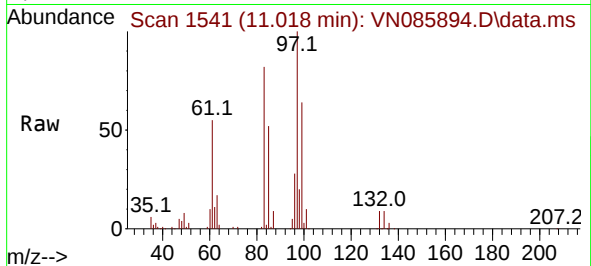
Tgt Ion: 75 Resp: 210204
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 36.9 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 49.357 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

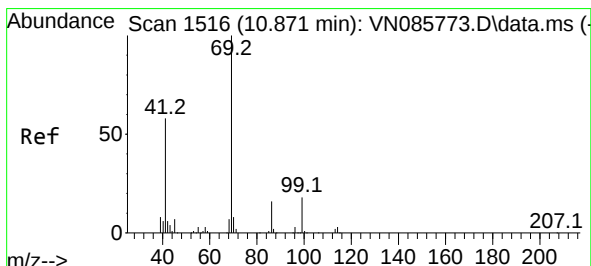
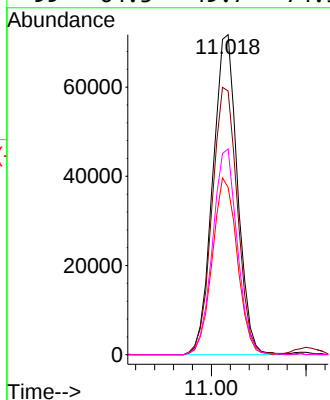
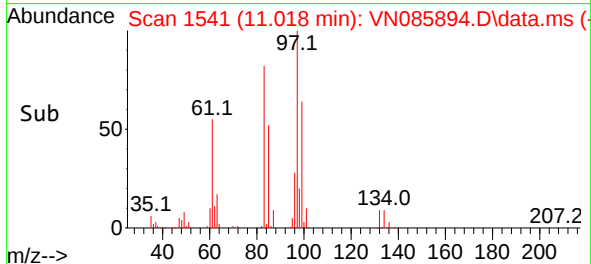
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



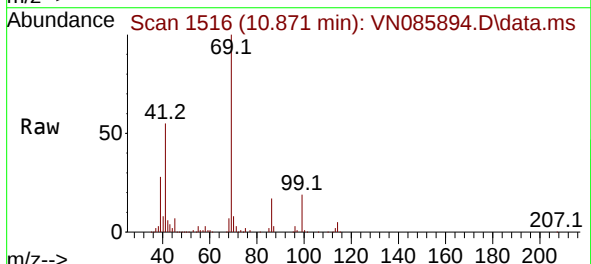
Tgt Ion:	97	Resp:	130130
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.1	99.1
85	52.3	44.7	67.1
99	64.3	49.7	74.5

Manual Integrations
APPROVED

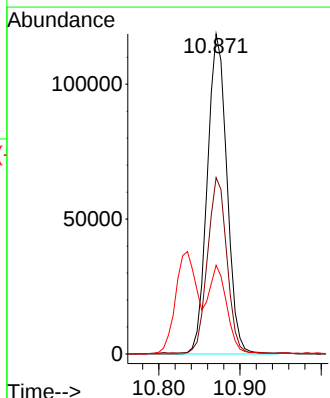
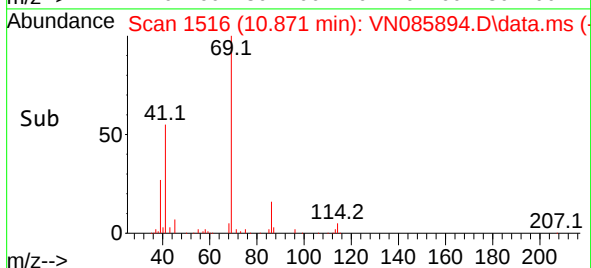
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

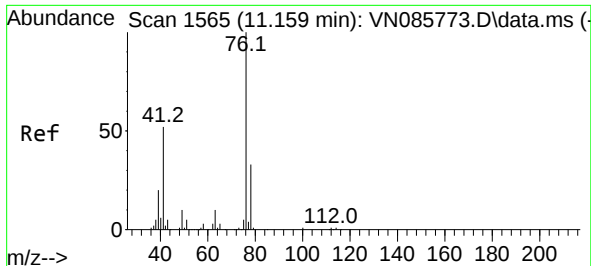


#56
Ethyl methacrylate
Concen: 52.159 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



Tgt Ion:	69	Resp:	198774
Ion	Ratio	Lower	Upper
69	100		
41	53.9	46.0	69.0
39	26.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 50.617 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 222778

Ion Ratio Lower Upper

76 100

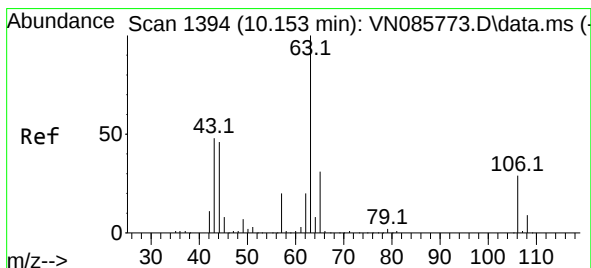
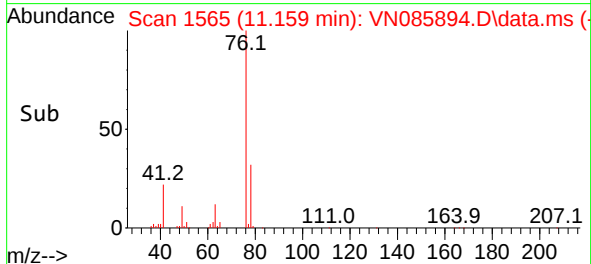
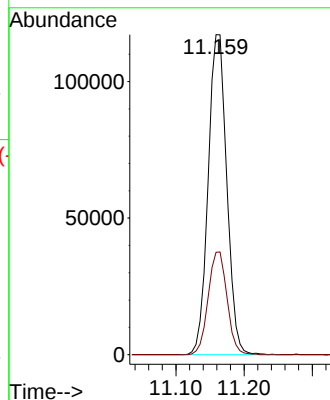
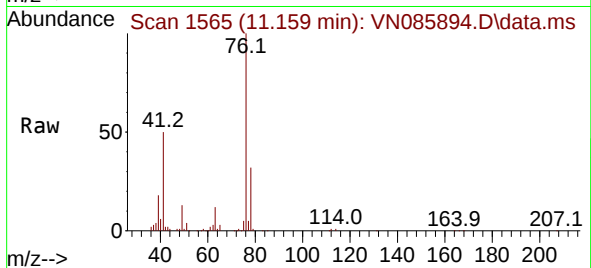
78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 299.729 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085894.D

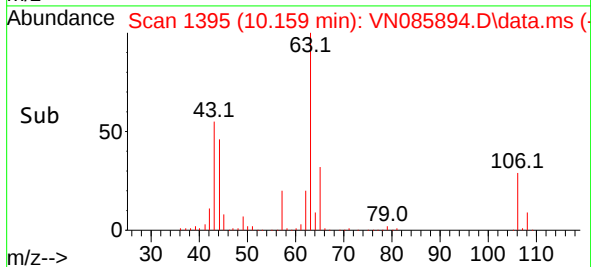
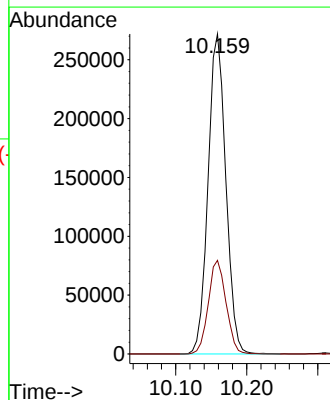
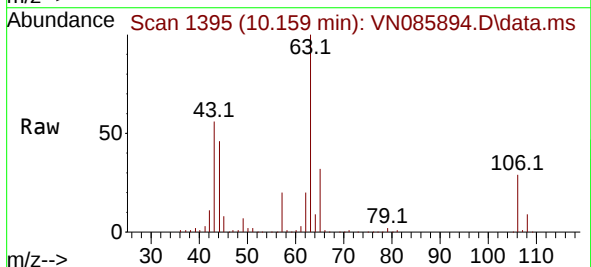
Acq: 27 Feb 2025 16:54

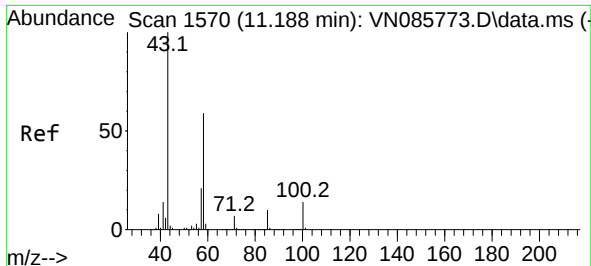
Tgt Ion: 63 Resp: 472525

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





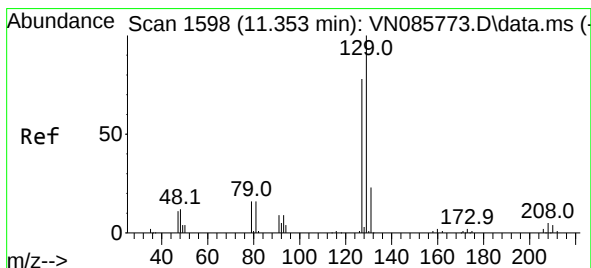
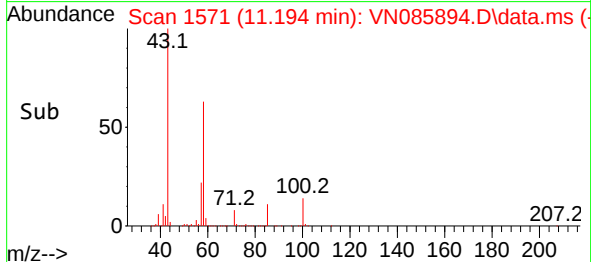
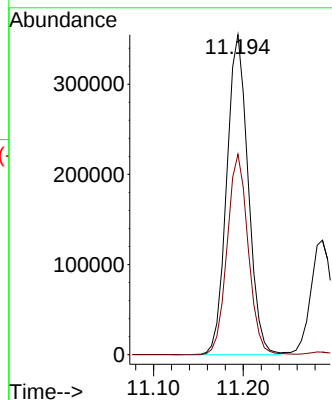
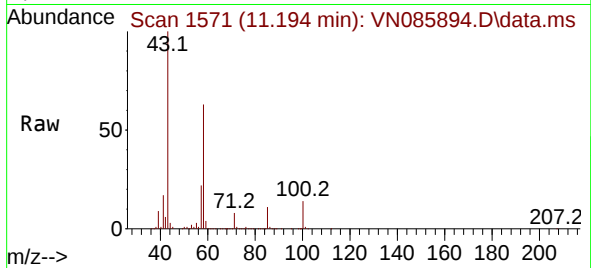
#59
2-Hexanone
Concen: 304.863 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 58733
Ion Ratio Lower Upper
43 100
58 61.7 29.8 89.5

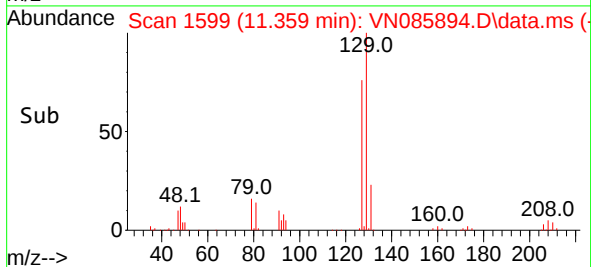
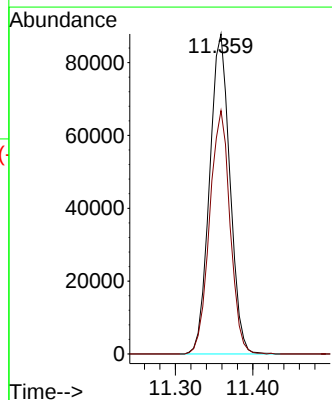
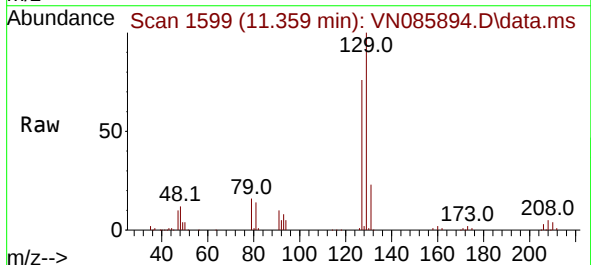
Manual Integrations
APPROVED

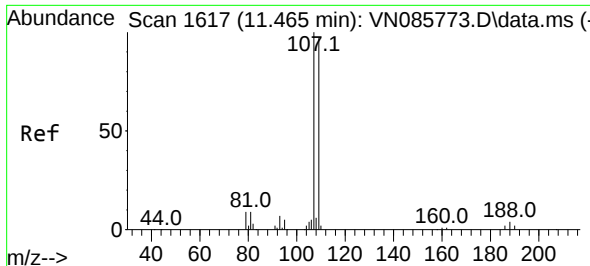
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 52.150 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion:129 Resp: 160103
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.5





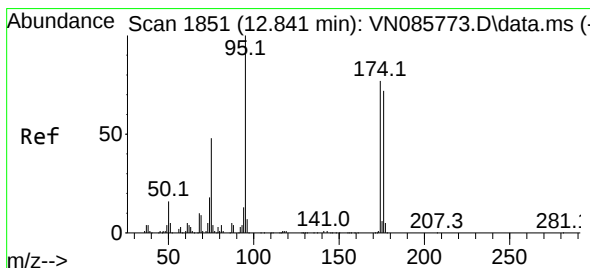
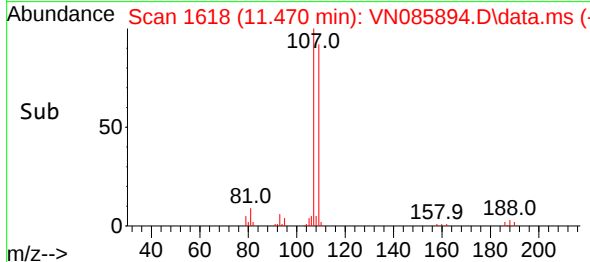
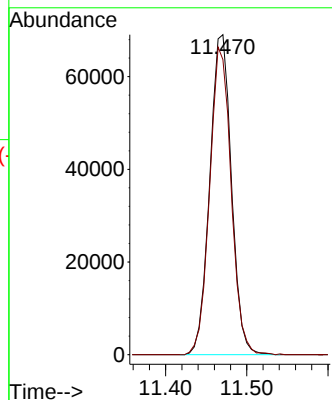
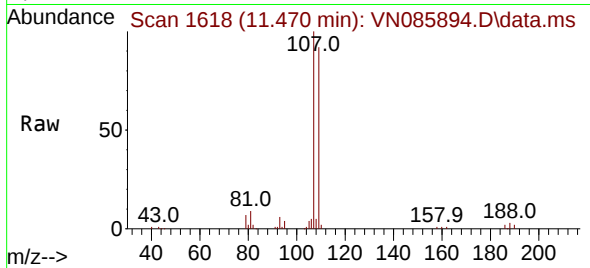
#61
1,2-Dibromoethane
Concen: 51.331 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.005 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 127870
Ion Ratio Lower Upper
107 100
109 95.3 76.0 114.0

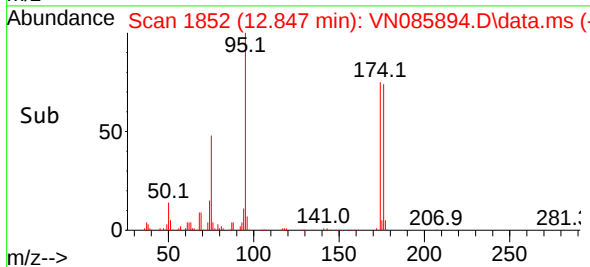
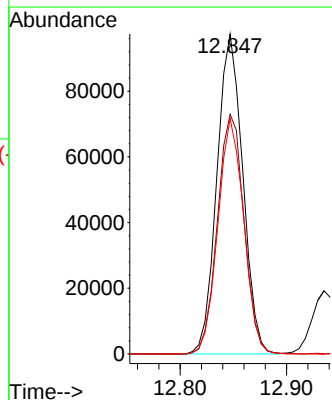
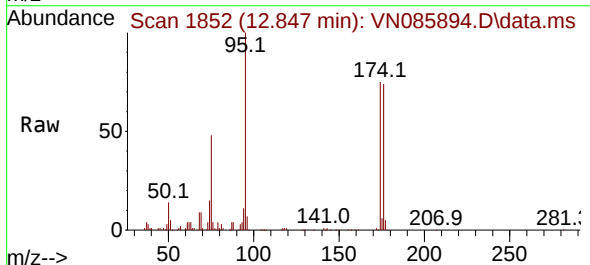
Manual Integrations
APPROVED

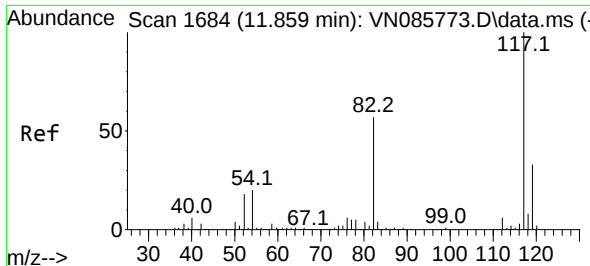
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 54.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

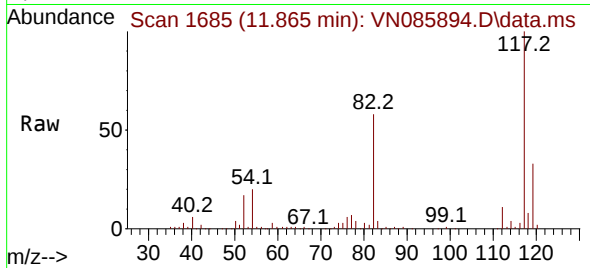
Tgt Ion: 95 Resp: 163992
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.4
176 73.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

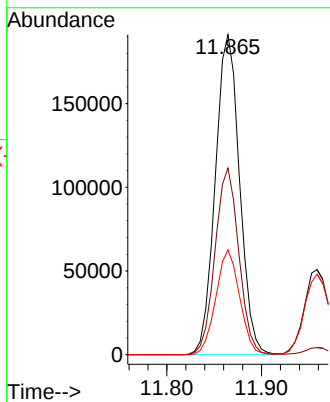
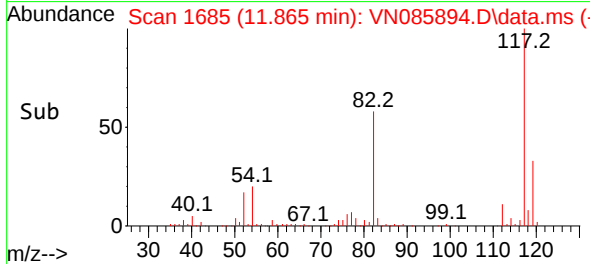
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 340825
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.8 26.2 39.2

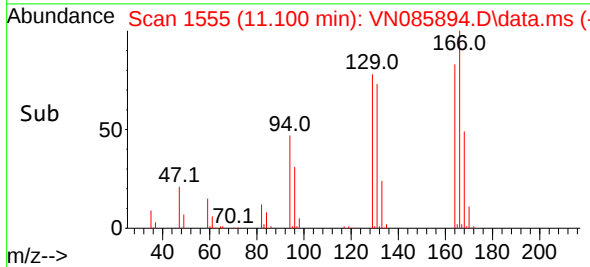
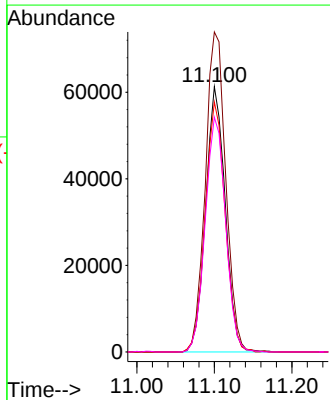
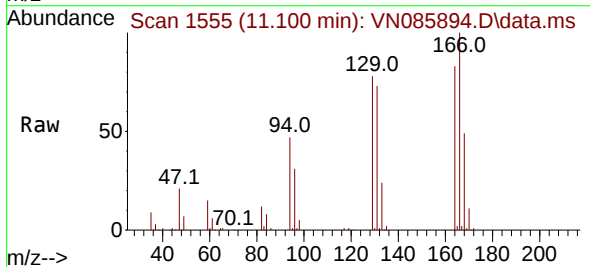
Manual Integrations
APPROVED

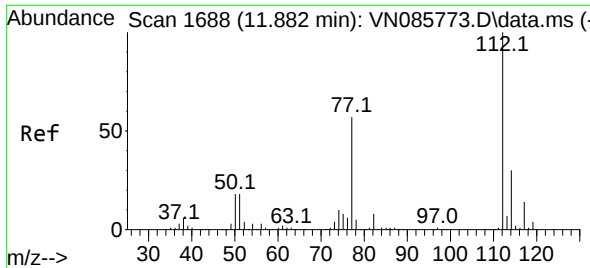
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 40.732 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

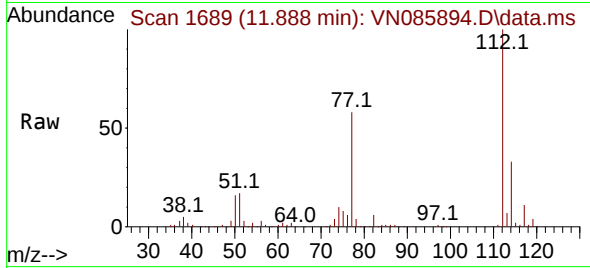
Tgt Ion:164 Resp: 107548
Ion Ratio Lower Upper
164 100
166 120.6 107.2 160.8
129 94.2 80.7 121.1
131 88.4 74.6 112.0





#65
Chlorobenzene
Concen: 46.944 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

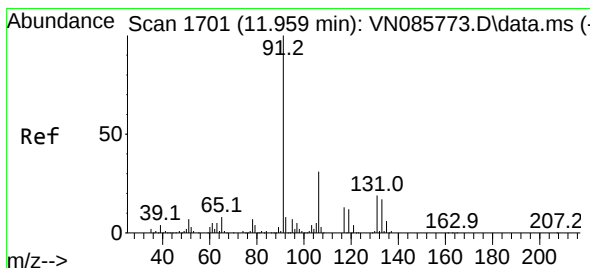
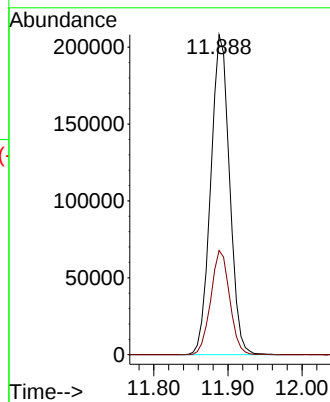
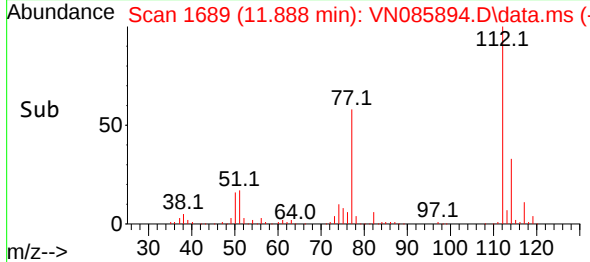
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 36653
Ion Ratio Lower Upper
112 100
114 32.5 24.3 36.5

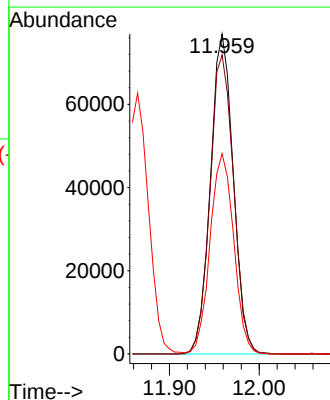
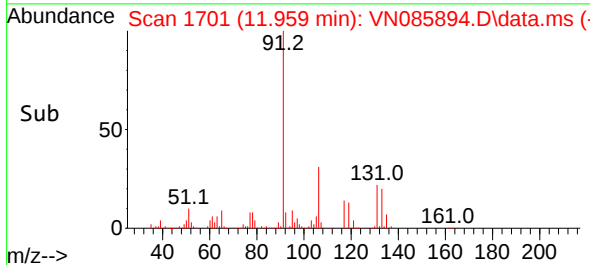
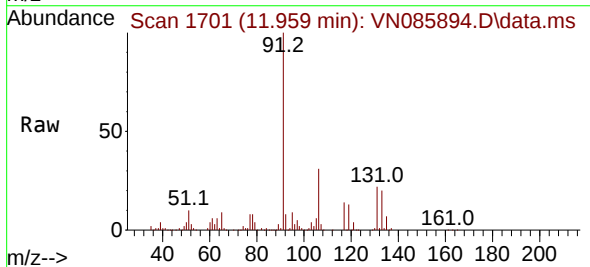
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.476 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

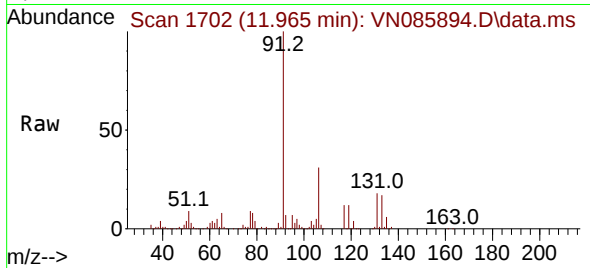
Tgt Ion:131 Resp: 136041
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.8 33.3 99.8





#67
Ethyl Benzene
Concen: 51.023 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

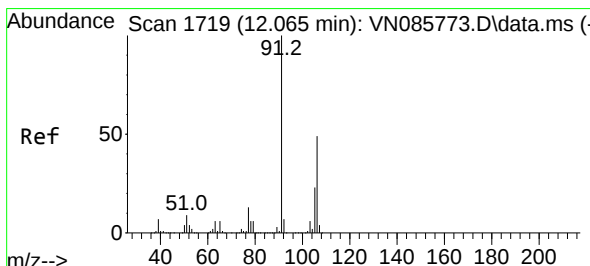
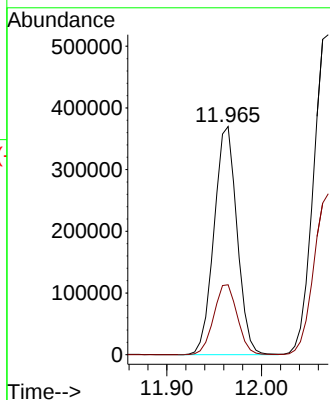
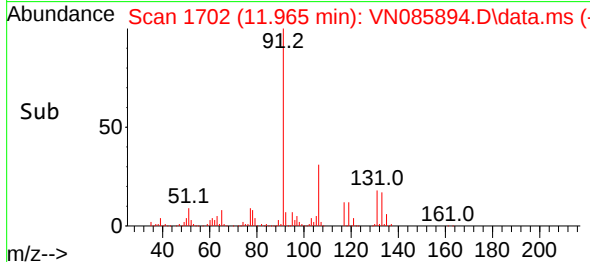
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 624034
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

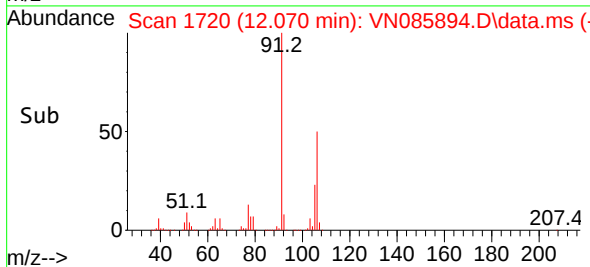
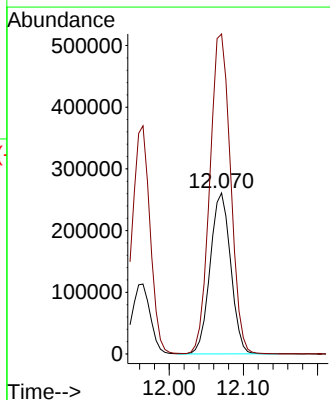
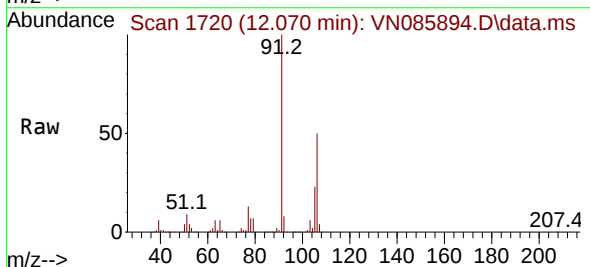
Manual Integrations
APPROVED

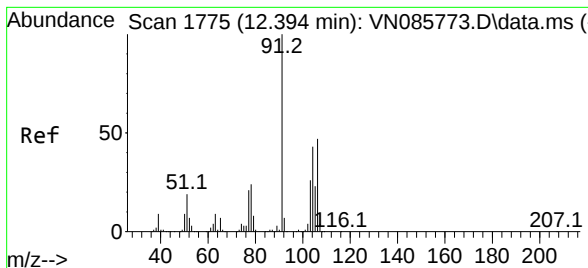
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#68
m/p-Xylenes
Concen: 107.635 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

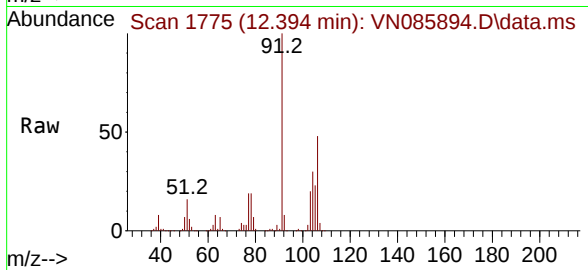
Tgt Ion:106 Resp: 500046
Ion Ratio Lower Upper
106 100
91 201.6 163.3 244.9





#69
o-Xylene
Concen: 53.534 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

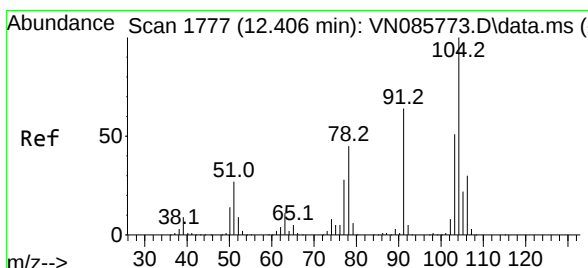
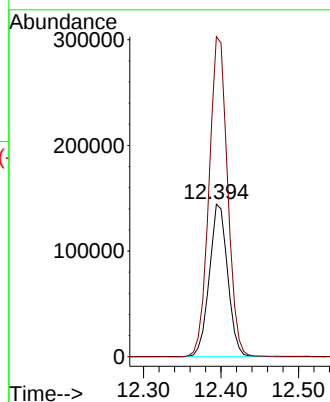
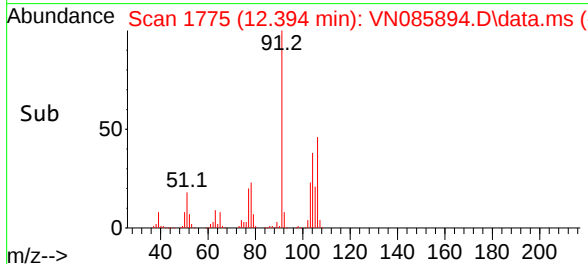
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



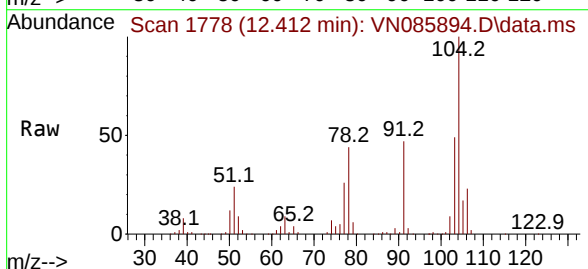
Tgt Ion:106 Resp: 236333
Ion Ratio Lower Upper
106 100
91 212.7 107.1 321.4

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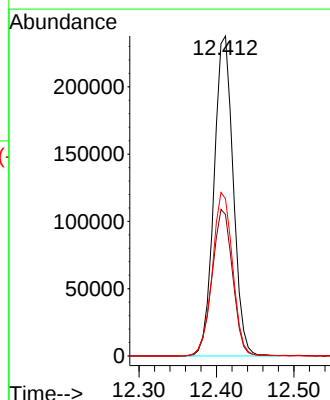
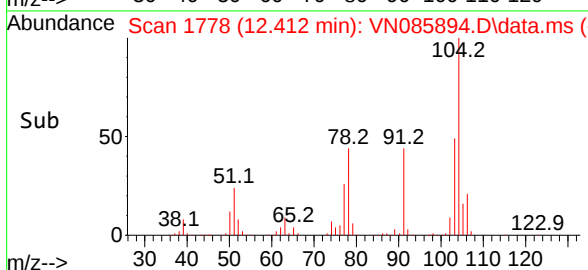
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

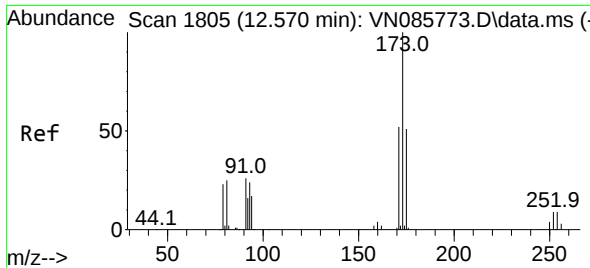


#70
Styrene
Concen: 49.845 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



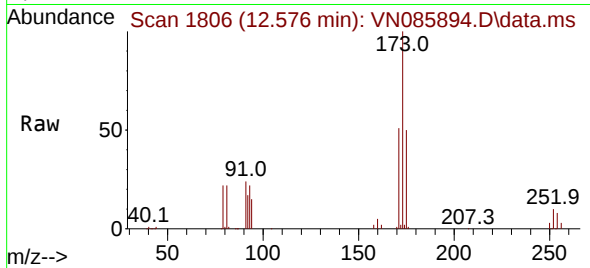
Tgt Ion:104 Resp: 409351
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 54.1 43.3 64.9





#71
Bromoform
Concen: 53.429 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

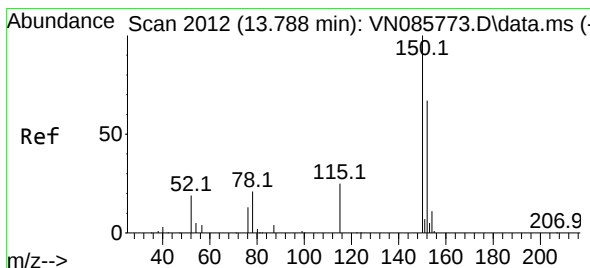
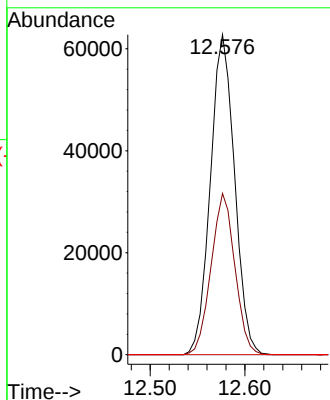
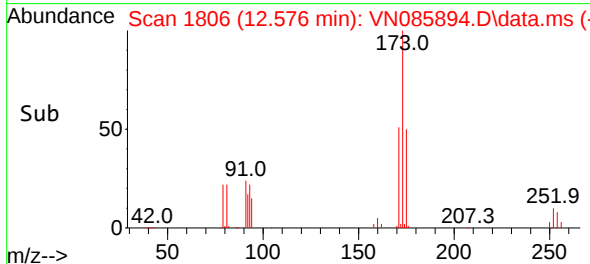
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



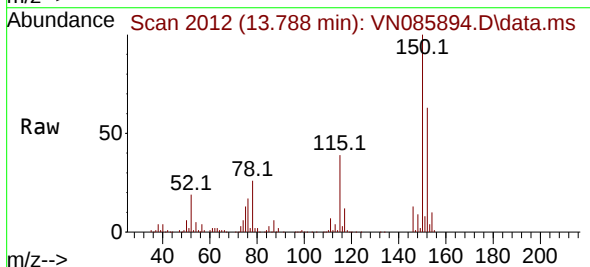
Tgt Ion:173 Resp: 111410
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
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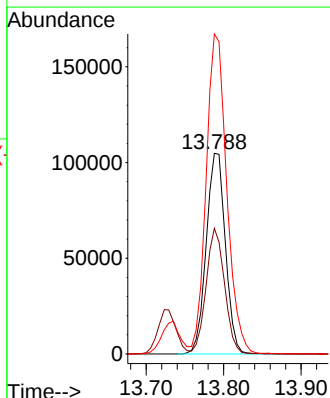
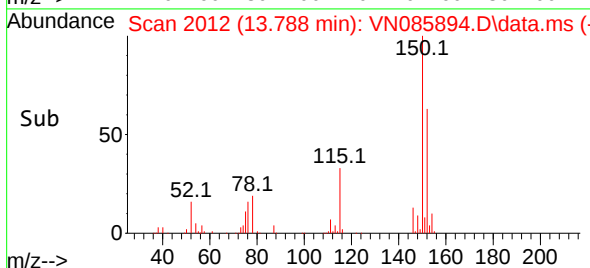
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

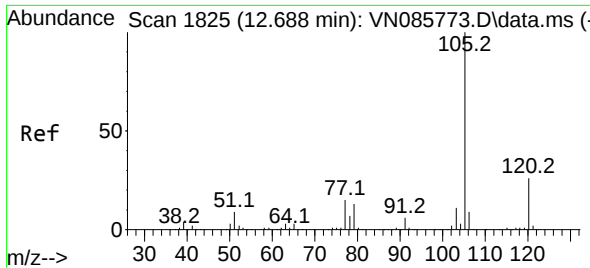


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



Tgt Ion:152 Resp: 180502
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 171.3 0.0 345.4





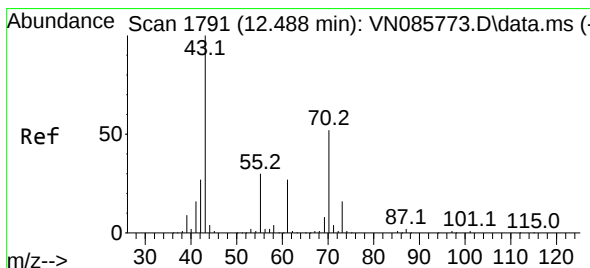
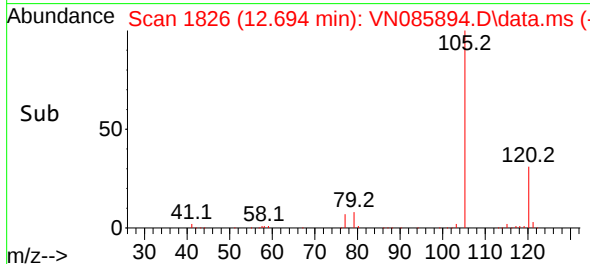
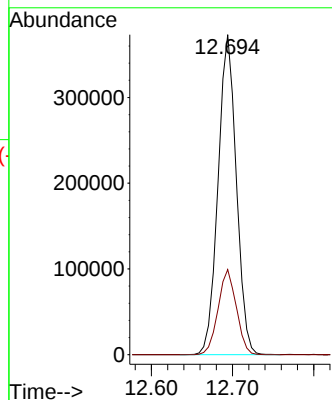
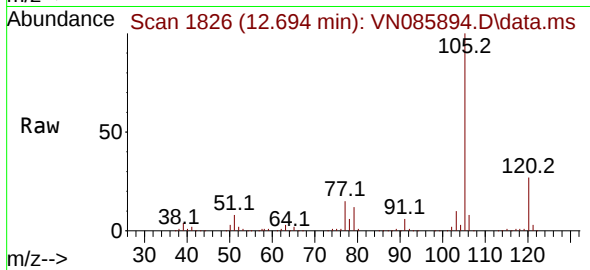
#73
Isopropylbenzene
Concen: 47.267 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 584508
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

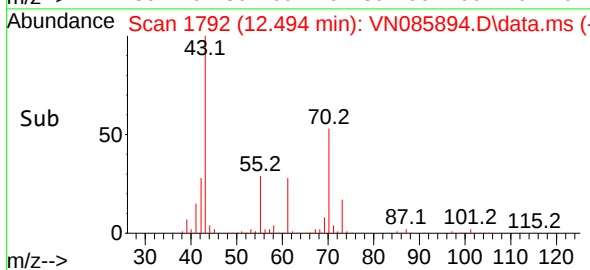
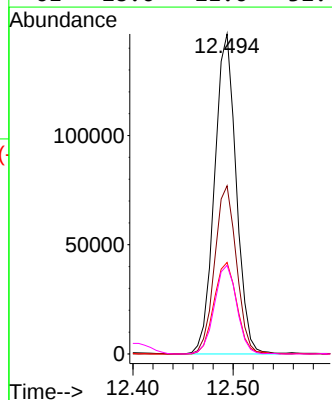
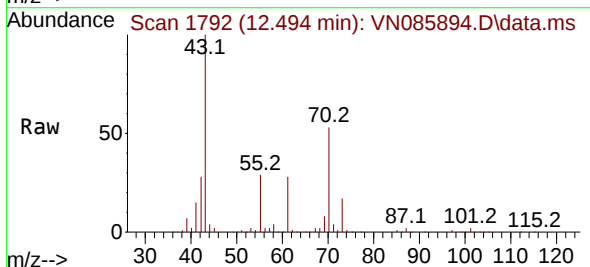
Manual Integrations
APPROVED

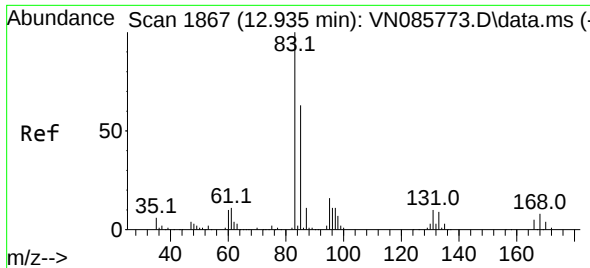
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 50.429 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

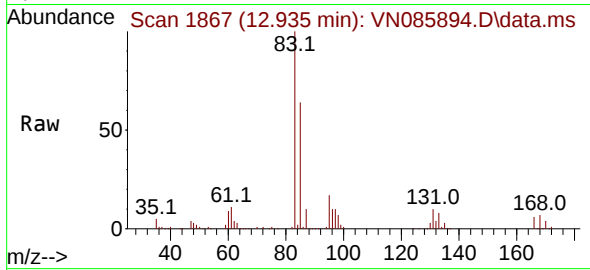
Tgt Ion: 43 Resp: 219910
Ion Ratio Lower Upper
43 100
70 52.9 41.0 61.4
55 30.4 24.6 36.8
61 28.6 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 47.042 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

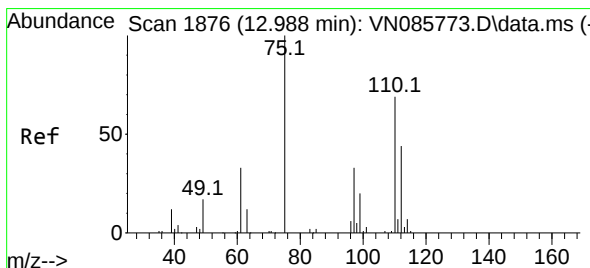
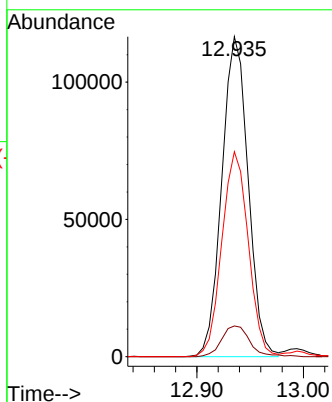
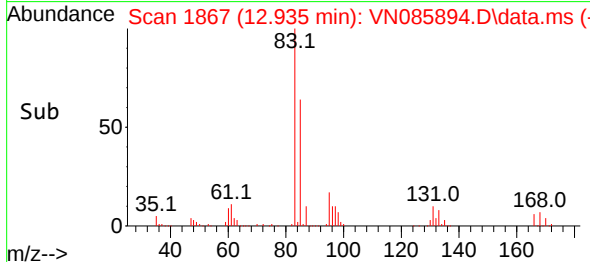
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 200179
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.3 32.2 96.6

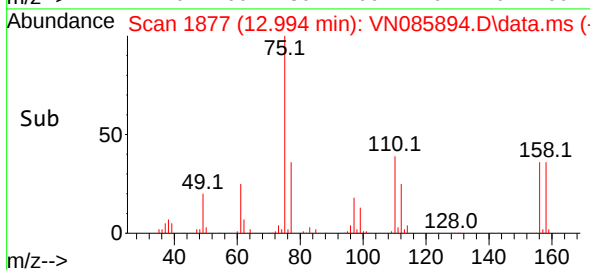
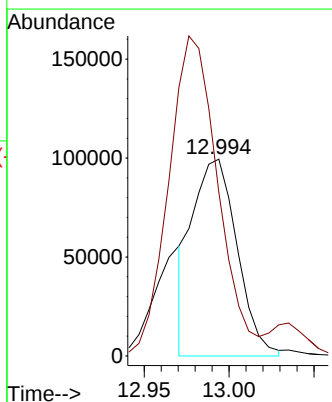
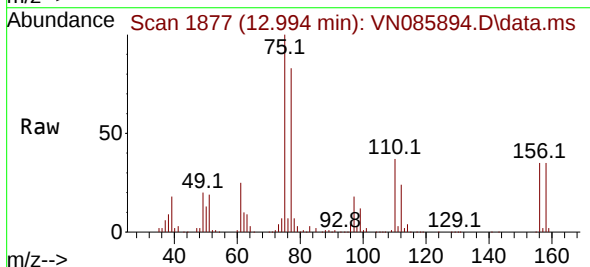
Manual Integrations
APPROVED

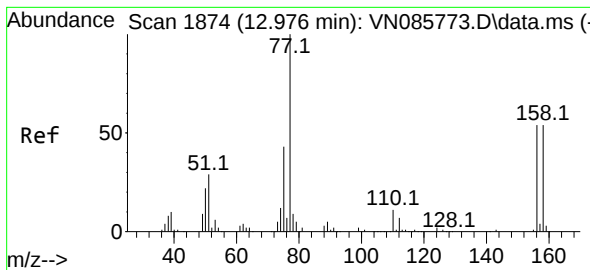
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 45.398 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

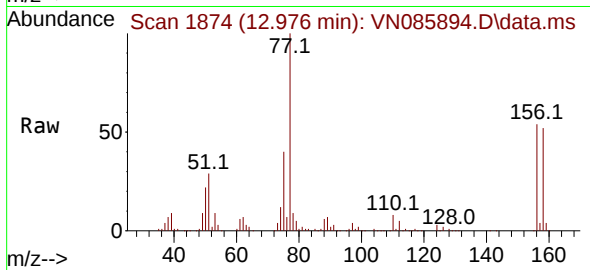
Tgt Ion: 75 Resp: 182026
Ion Ratio Lower Upper
75 100
77 179.1 100.0 300.0





#77
Bromobenzene
Concen: 44.984 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

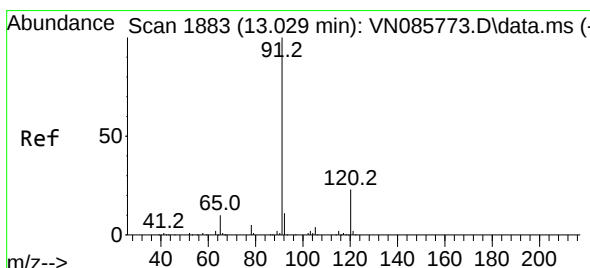
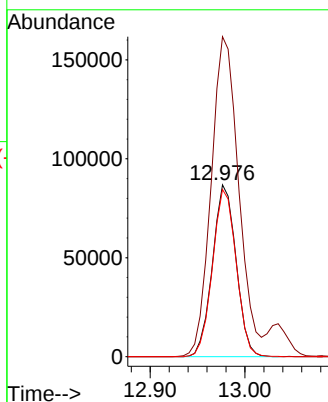
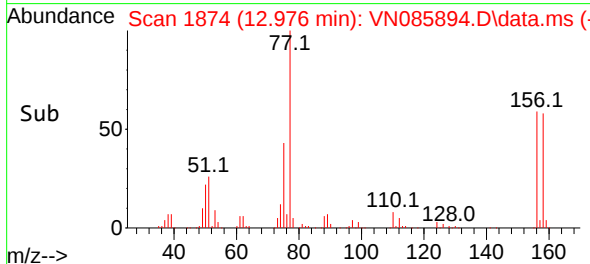
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 150289
Ion Ratio Lower Upper
156 100
77 216.9 104.1 312.3
158 97.6 48.1 144.4

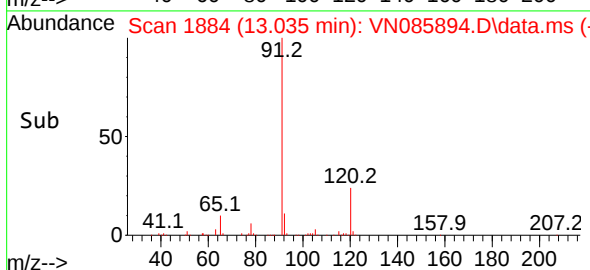
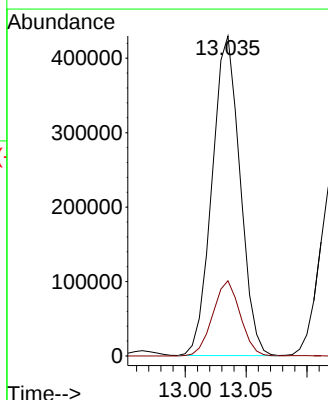
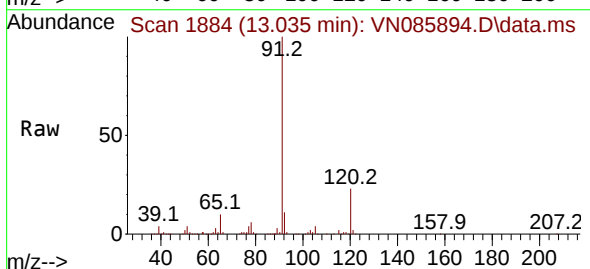
Manual Integrations
APPROVED

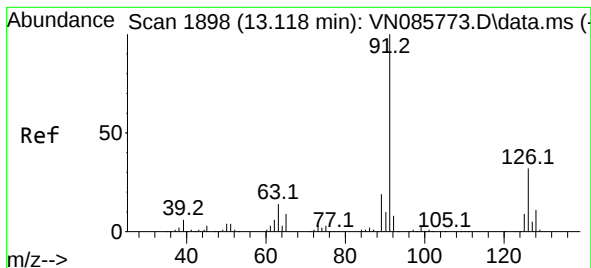
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#78
n-propylbenzene
Concen: 48.455 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion: 91 Resp: 686225
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





#79

2-Chlorotoluene

Concen: 45.953 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 43482

Ion Ratio Lower Upper

91 100

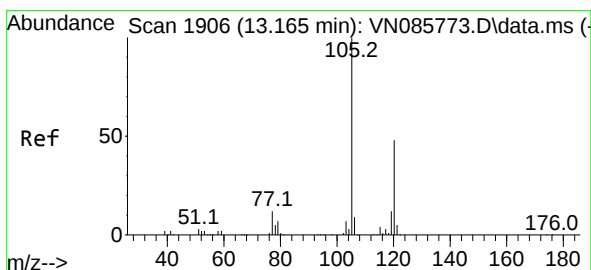
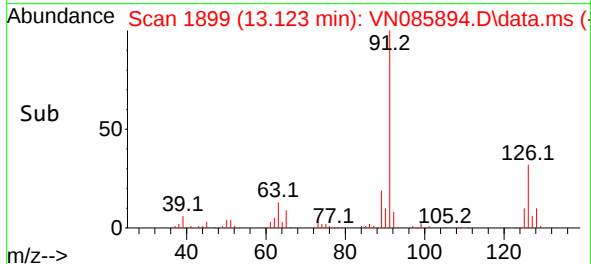
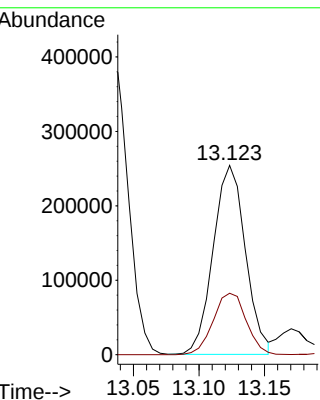
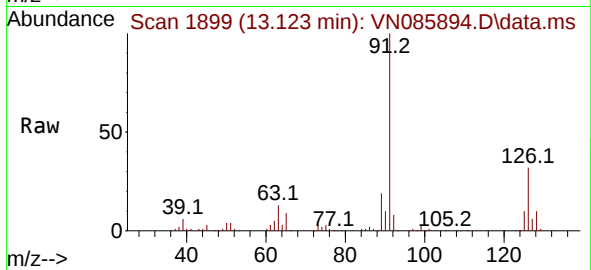
126 33.4 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.099 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085894.D

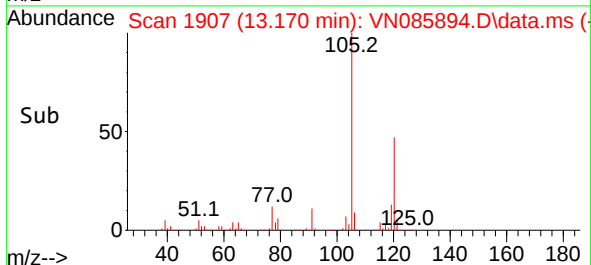
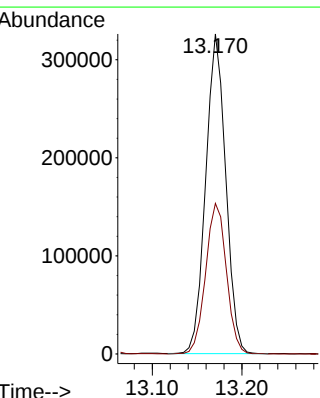
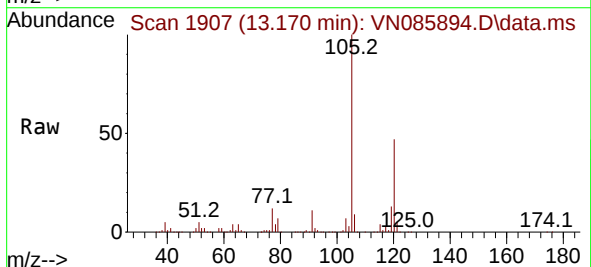
Acq: 27 Feb 2025 16:54

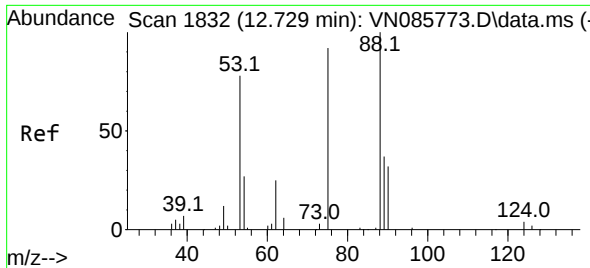
Tgt Ion:105 Resp: 504669

Ion Ratio Lower Upper

105 100

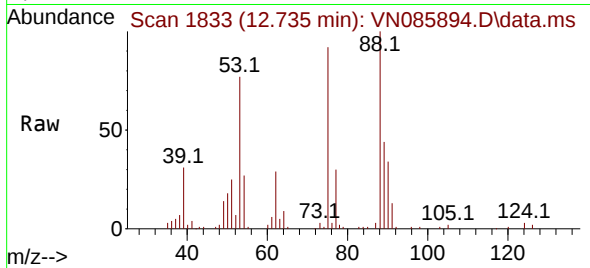
120 48.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 49.212 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

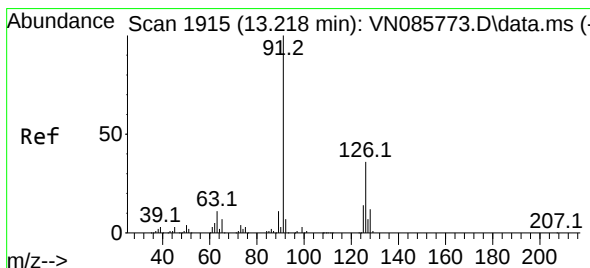
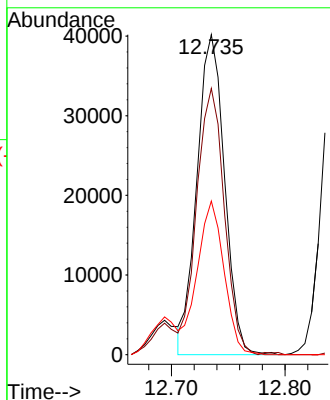
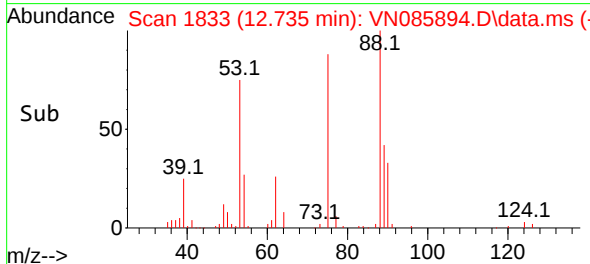
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6762
Ion Ratio Lower Upper
75 100
53 83.4 74.2 111.4
89 47.1 34.9 52.3

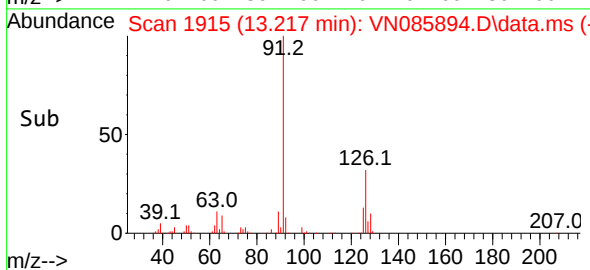
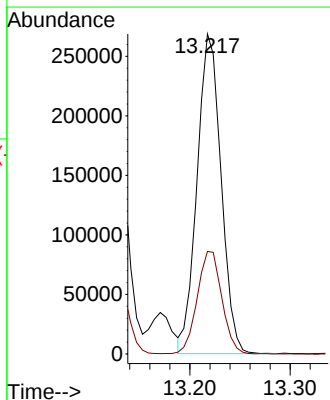
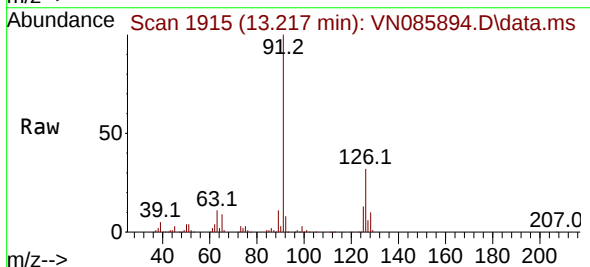
Manual Integrations
APPROVED

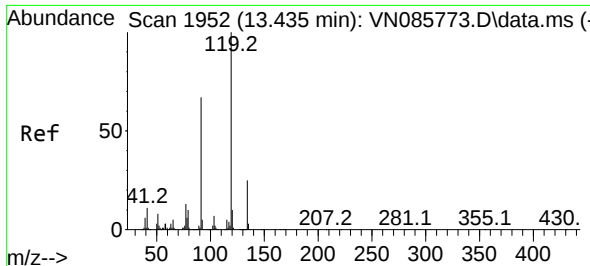
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 47.633 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

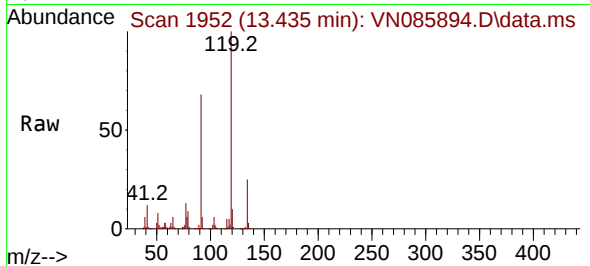
Tgt Ion: 91 Resp: 446829
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 48.687 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

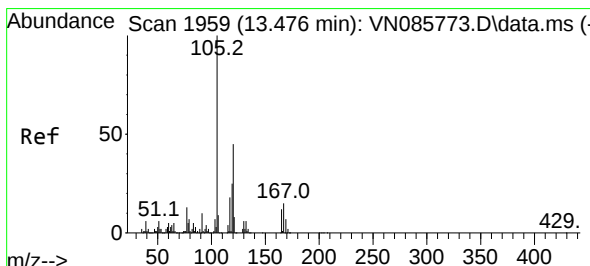
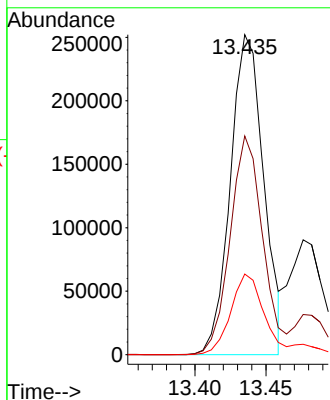
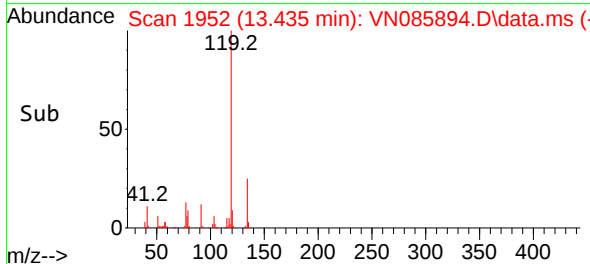
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



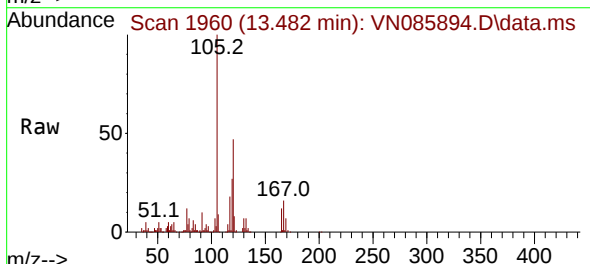
Tgt Ion:119 Resp: 412424
 Ion Ratio Lower Upper
 119 100
 91 67.0 32.5 97.5
 134 27.4 13.3 39.9

Manual Integrations
 APPROVED

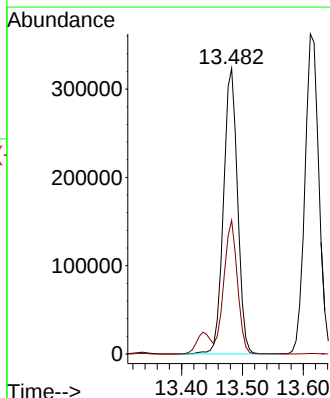
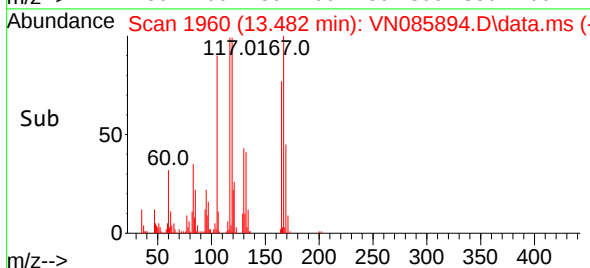
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

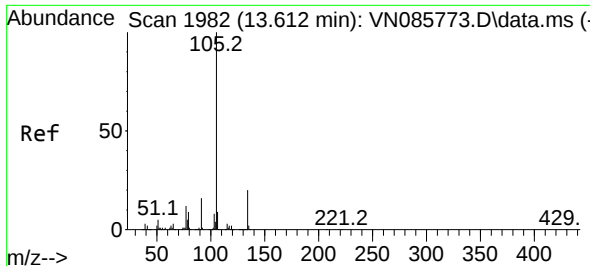


#84
 1,2,4-Trimethylbenzene
 Concen: 52.090 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54



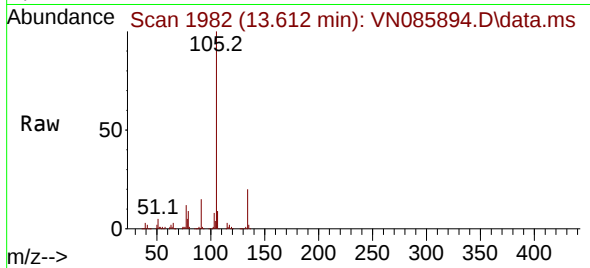
Tgt Ion:105 Resp: 519143
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 48.173 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54

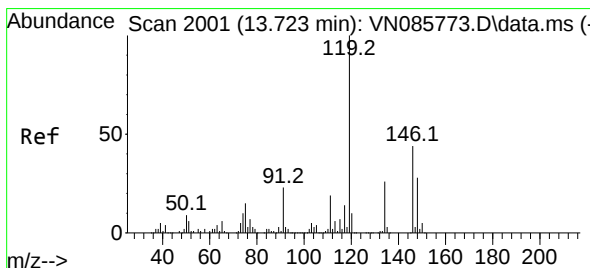
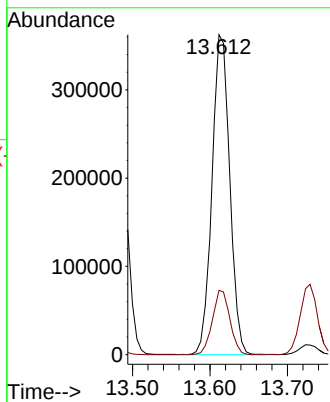
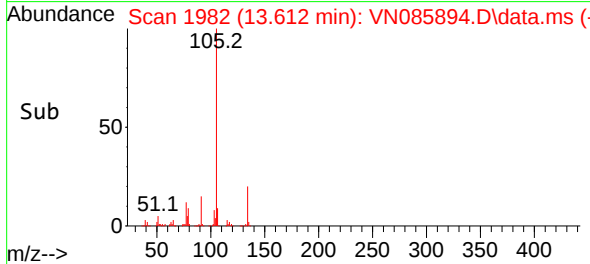
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



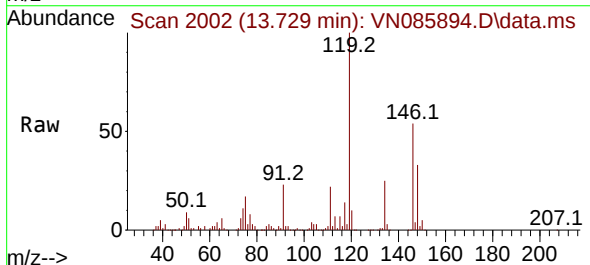
Tgt Ion:105 Resp: 576560
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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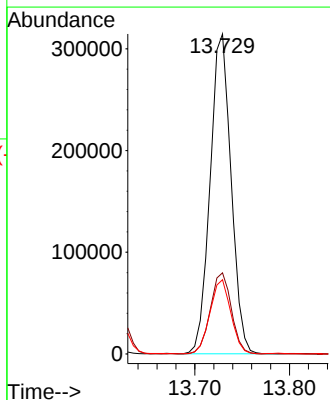
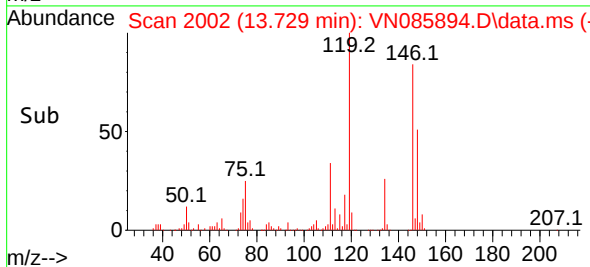
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 44.628 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085894.D
 Acq: 27 Feb 2025 16:54



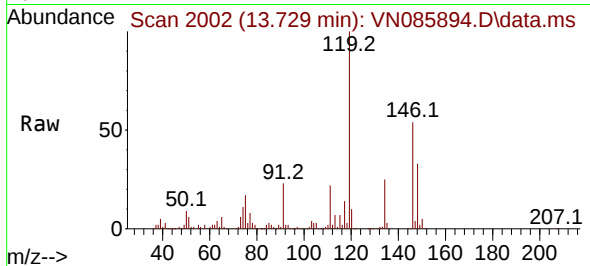
Tgt Ion:119 Resp: 484497
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 23.0 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 45.496 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

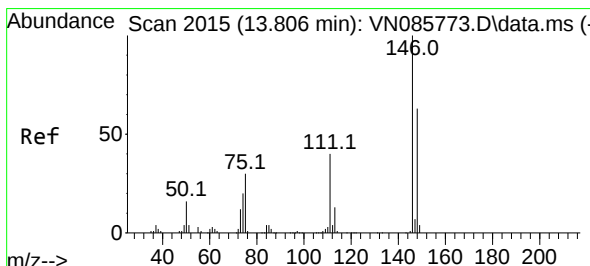
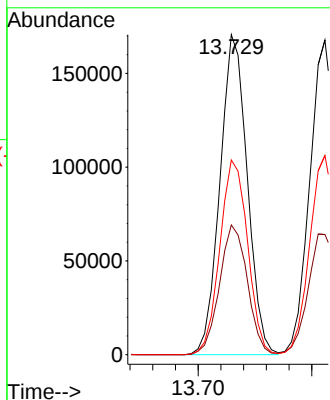
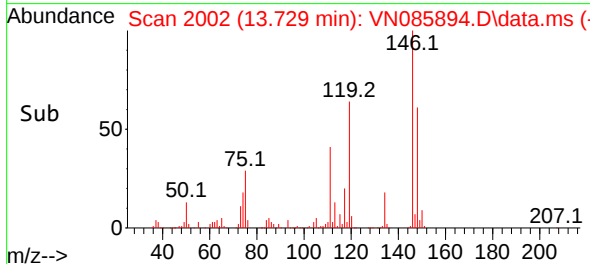
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 284778
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.3
148 62.0 32.1 96.5

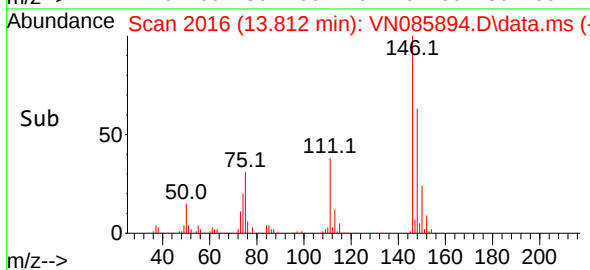
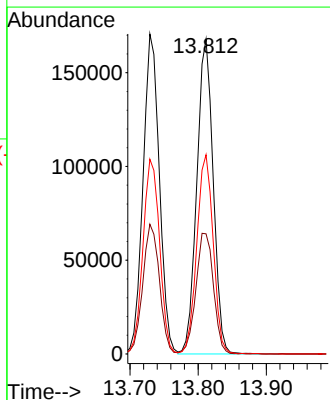
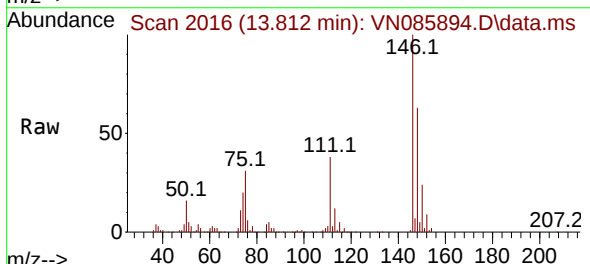
Manual Integrations
APPROVED

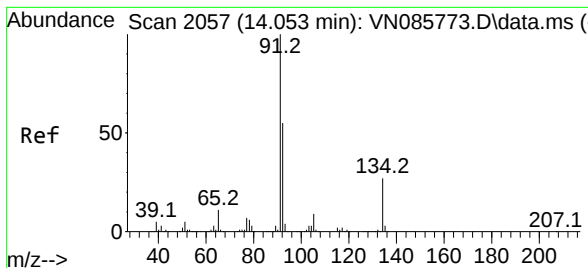
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#88
1,4-Dichlorobenzene
Concen: 43.720 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Tgt Ion:146 Resp: 280485
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.4 31.8 95.4





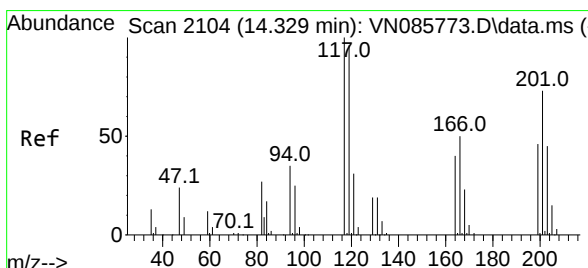
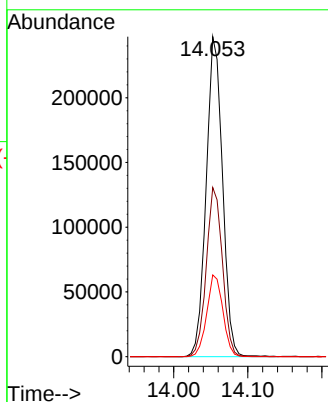
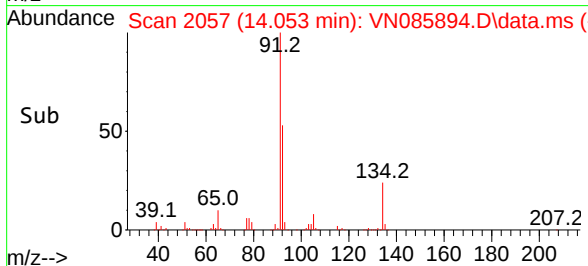
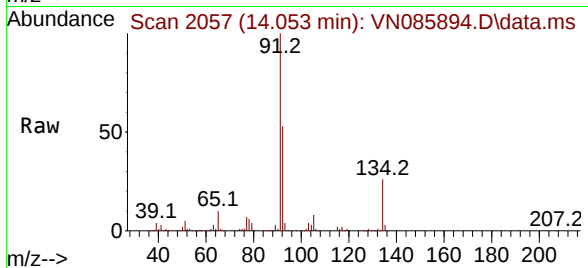
#89
n-Butylbenzene
Concen: 44.542 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 378494
Ion Ratio Lower Upper
91 100
92 52.2 27.1 81.3
134 25.2 12.7 38.1

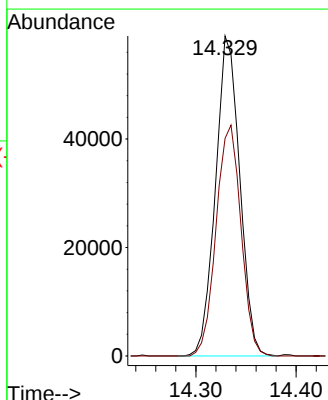
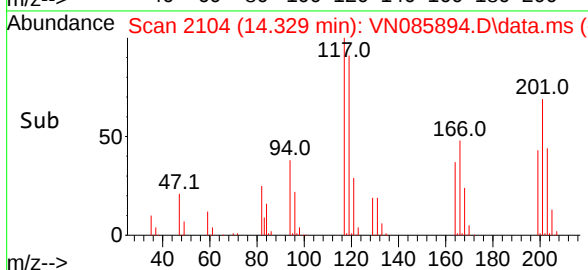
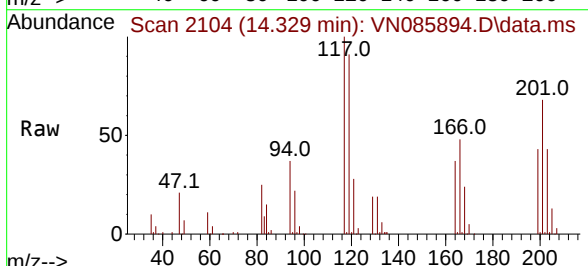
Manual Integrations
APPROVED

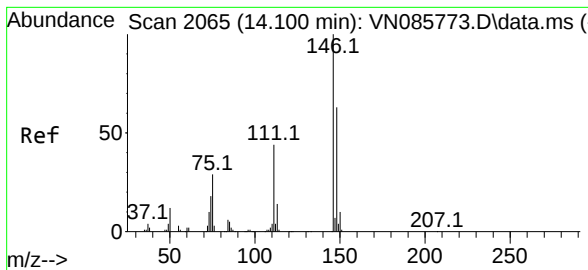
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 43.635 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

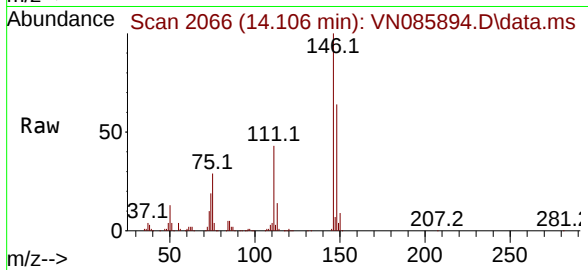
Tgt Ion:117 Resp: 98905
Ion Ratio Lower Upper
117 100
201 73.9 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 46.404 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

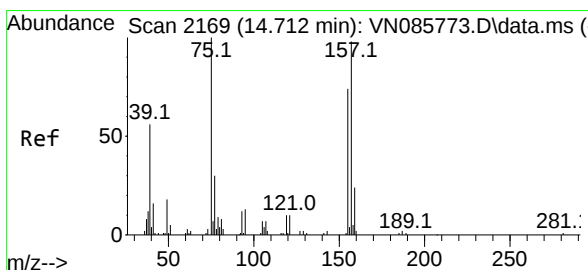
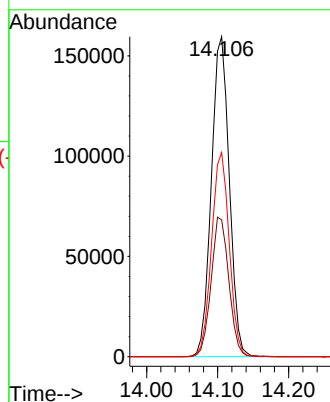
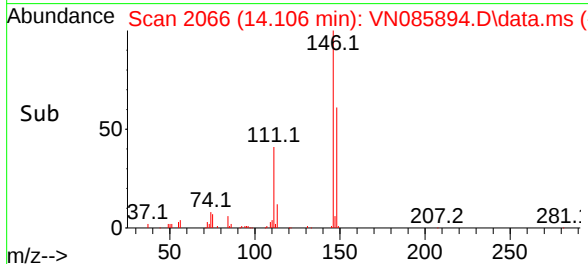
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



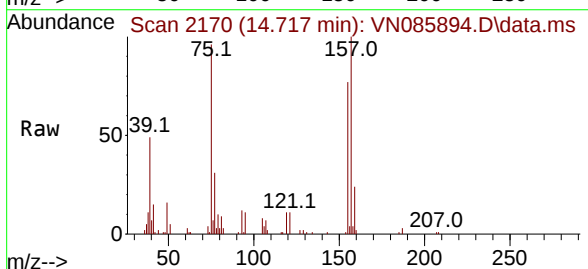
Tgt Ion:146 Resp: 27931
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 62.9 32.0 96.2

Manual Integrations
APPROVED

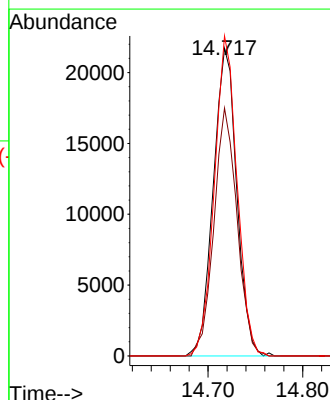
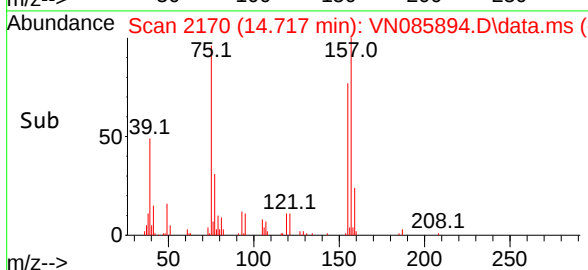
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.932 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



Tgt Ion: 75 Resp: 37454
Ion Ratio Lower Upper
75 100
155 79.4 39.9 119.6
157 100.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 44.223 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 126838

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

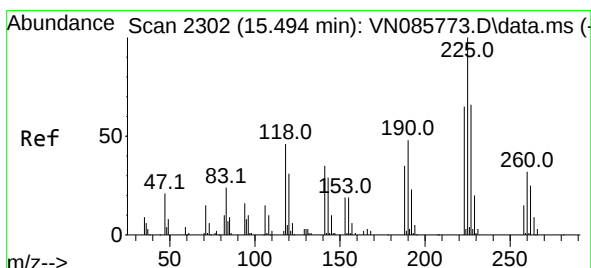
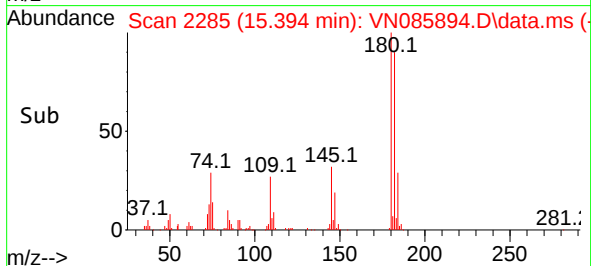
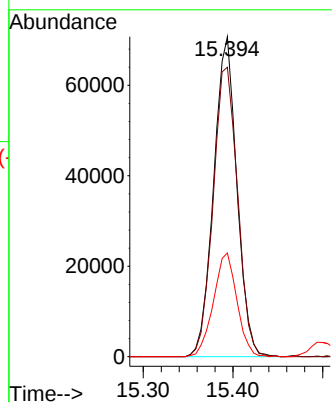
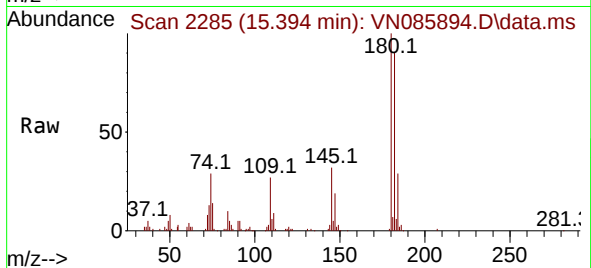
145 32.9 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#94

Hexachlorobutadiene

Concen: 38.271 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085894.D

Acq: 27 Feb 2025 16:54

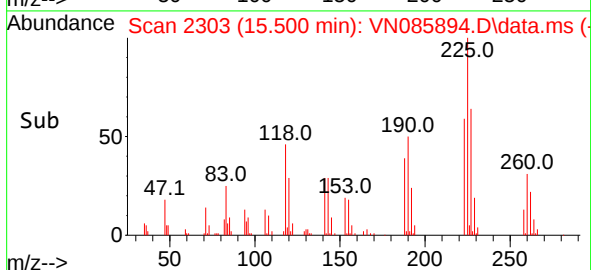
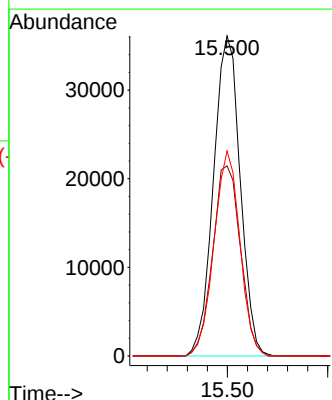
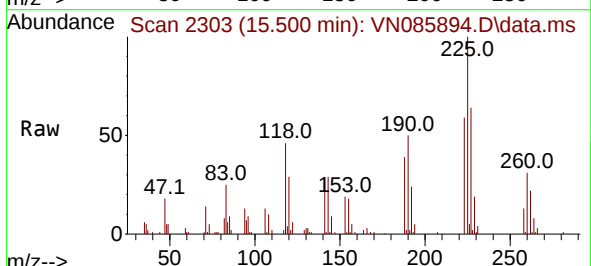
Tgt Ion:225 Resp: 66710

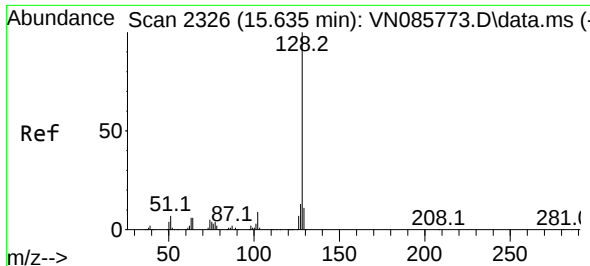
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.5

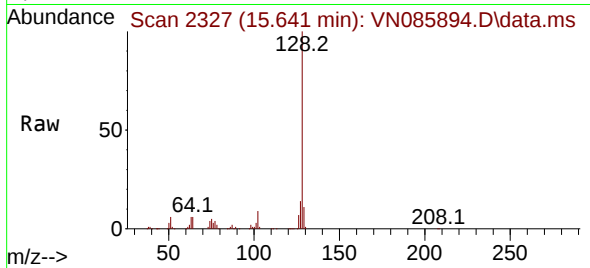
227 62.2 32.2 96.6





#95
Naphthalene
Concen: 50.741 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54

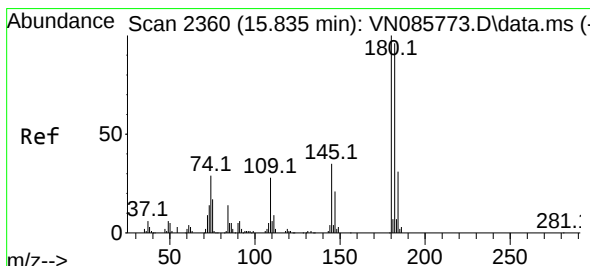
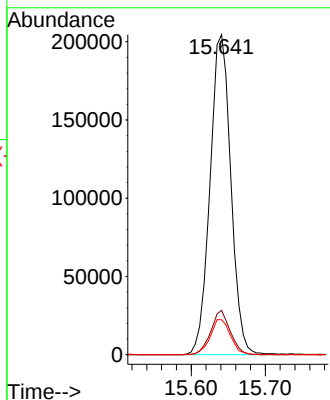
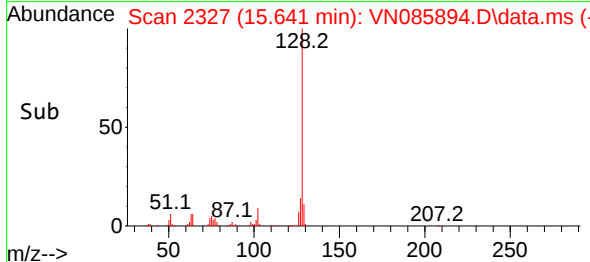
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



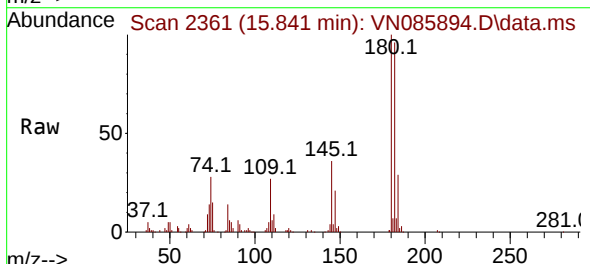
Tgt Ion:128 Resp: 399549
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 43.537 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085894.D
Acq: 27 Feb 2025 16:54



Tgt Ion:180 Resp: 125362
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.8
145 35.7 16.9 50.6

