

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085792.D
 Acq On : 19 Feb 2025 15:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 00:49:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	314689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	508489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	458383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	232482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	208161	51.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	8.159	113	175528	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.559	98	674218	55.694	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.380%			
62) 4-Bromofluorobenzene	12.847	95	236610	59.322	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	186478	43.565	ug/l	100
3) Chloromethane	2.359	50	184635	42.986	ug/l	95
4) Vinyl Chloride	2.512	62	194748	42.823	ug/l	99
5) Bromomethane	2.953	94	120501	41.439	ug/l	96
6) Chloroethane	3.118	64	121708	40.403	ug/l	97
7) Trichlorofluoromethane	3.500	101	276286	41.961	ug/l	100
8) Diethyl Ether	3.959	74	96989	45.525	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	166083	43.637	ug/l	100
10) Methyl Iodide	4.589	142	212171	45.224	ug/l	100
11) Tert butyl alcohol	5.512	59	114382	227.948	ug/l	100
12) 1,1-Dichloroethene	4.342	96	152662	44.237	ug/l	96
13) Acrolein	4.177	56	183499	246.597	ug/l	99
14) Allyl chloride	5.024	41	206663	45.612	ug/l	96
15) Acrylonitrile	5.712	53	379650	232.731	ug/l	99
16) Acetone	4.418	43	328698	254.620	ug/l	100
17) Carbon Disulfide	4.712	76	422830	41.341	ug/l	98
18) Methyl Acetate	5.018	43	195346	43.995	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	491948	47.972	ug/l	97
20) Methylene Chloride	5.271	84	173911	41.891	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	162686	43.781	ug/l	96
22) Diisopropyl ether	6.665	45	497270	48.571	ug/l	99
23) Vinyl Acetate	6.594	43	1693494	241.583	ug/l	99
24) 1,1-Dichloroethane	6.565	63	309410	44.457	ug/l	98
25) 2-Butanone	7.477	43	480353	252.924	ug/l	99
26) 2,2-Dichloropropane	7.488	77	276166	44.624	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	194480	45.138	ug/l	99
28) Bromochloromethane	7.812	49	160850	56.231	ug/l	97
29) Tetrahydrofuran	7.835	42	306901	250.245	ug/l	99
30) Chloroform	7.959	83	320212	44.027	ug/l	96
31) Cyclohexane	8.253	56	242308	41.582	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	284356	43.956	ug/l	99
36) 1,1-Dichloropropene	8.371	75	222094	47.163	ug/l	99
37) Ethyl Acetate	7.553	43	187271	48.325	ug/l	99
38) Carbon Tetrachloride	8.359	117	250101	44.699	ug/l	96
39) Methylcyclohexane	9.594	83	236828	51.193	ug/l	100
40) Benzene	8.600	78	700374	46.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	104465	50.427	ug/l	97
42) 1,2-Dichloroethane	8.665	62	226801	46.134	ug/l	99
43) Isopropyl Acetate	8.682	43	325471	47.833	ug/l	99
44) Trichloroethene	9.347	130	164443	44.375	ug/l	100
45) 1,2-Dichloropropane	9.618	63	170014	46.667	ug/l	100
46) Dibromomethane	9.706	93	118154	45.979	ug/l	99
47) Bromodichloromethane	9.882	83	254115	46.221	ug/l	98
48) Methyl methacrylate	9.677	41	147289	51.177	ug/l	97
49) 1,4-Dioxane	9.688	88	56363	1029.861	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	966366	258.644	ug/l	100
52) Toluene	10.624	92	441319	49.882	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	256600	50.474	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	275582	49.435	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	164418	46.742	ug/l	98
56) Ethyl methacrylate	10.871	69	248737	49.269	ug/l	99
57) 1,3-Dichloropropane	11.159	76	280770	47.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	655472	308.192	ug/l	100
59) 2-Hexanone	11.188	43	710628	276.471	ug/l	99
60) Dibromochloromethane	11.353	129	197780	48.286	ug/l	99
61) 1,2-Dibromoethane	11.465	107	160097	48.170	ug/l	100
64) Tetrachloroethene	11.100	164	154650	43.550	ug/l	94
65) Chlorobenzene	11.888	112	473346	45.077	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	169690	44.959	ug/l	99
67) Ethyl Benzene	11.959	91	821966	49.970	ug/l	98
68) m/p-Xylenes	12.065	106	645674	103.338	ug/l	99
69) o-Xylene	12.394	106	304825	51.340	ug/l	100
70) Styrene	12.406	104	522609	47.549	ug/l	100
71) Bromoform	12.576	173	133117	47.464	ug/l #	97
73) Isopropylbenzene	12.694	105	768379	48.243	ug/l	100
74) N-amyl acetate	12.488	43	270762	48.207	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	229993	41.964	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	236151m	45.728	ug/l	
77) Bromobenzene	12.976	156	190912	44.367	ug/l	98
78) n-propylbenzene	13.035	91	908575	49.811	ug/l	99
79) 2-Chlorotoluene	13.123	91	558615	45.836	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	648399	49.976	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	82899m	46.838	ug/l	
82) 4-Chlorotoluene	13.217	91	567337	46.957	ug/l	100
83) tert-Butylbenzene	13.435	119	539365	49.436	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	658361	51.289	ug/l	99
85) sec-Butylbenzene	13.612	105	769769	49.936	ug/l	100
86) p-Isopropyltoluene	13.723	119	646548	46.109	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	352513	43.726	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	349584	42.308	ug/l	100
89) n-Butylbenzene	14.053	91	542751	49.591	ug/l	99
90) Hexachloroethane	14.329	117	123948	42.457	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	340178	43.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40657	40.398	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	168128	45.512	ug/l	99
94) Hexachlorobutadiene	15.494	225	87539	38.992	ug/l	99
95) Naphthalene	15.635	128	466312	45.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	158346	42.697	ug/l	98

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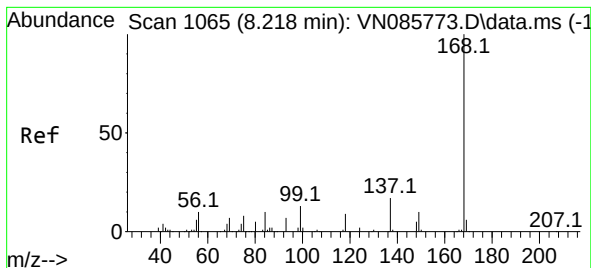
Manual Integrations
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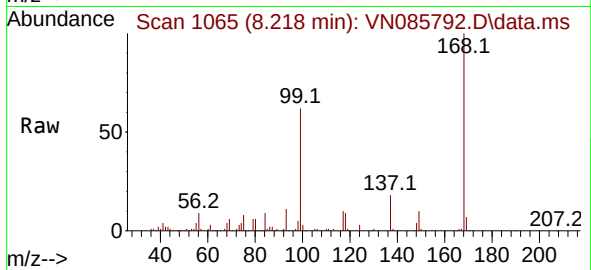
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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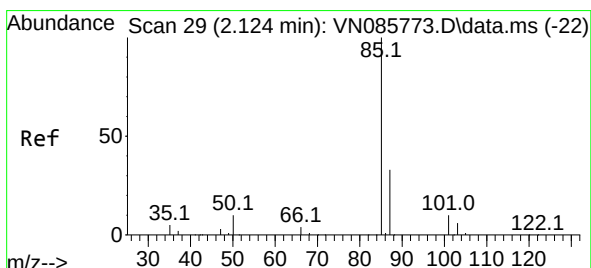
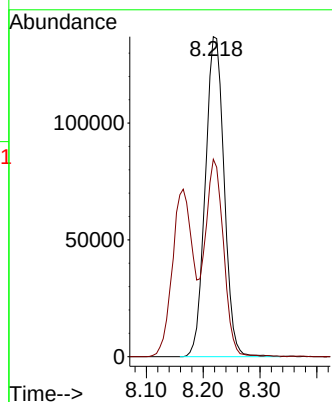
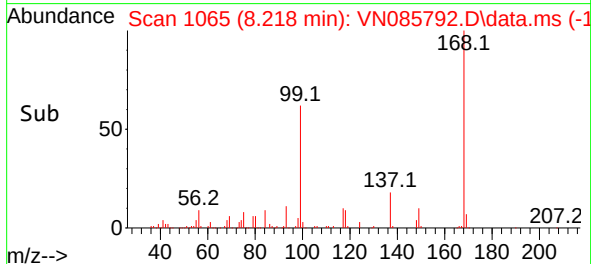
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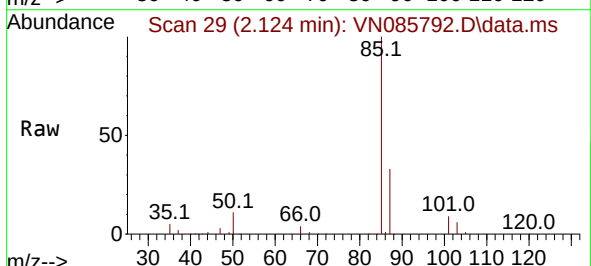
Tgt Ion:168 Resp: 314689
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9

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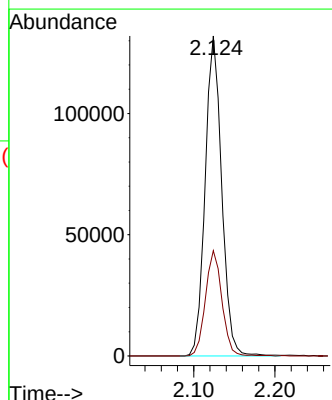
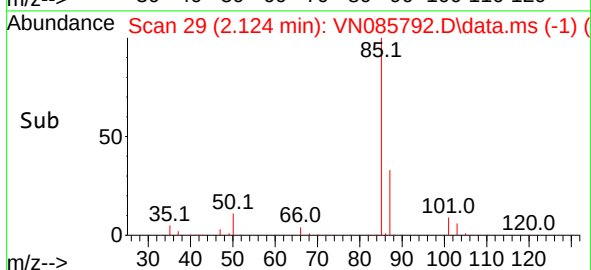
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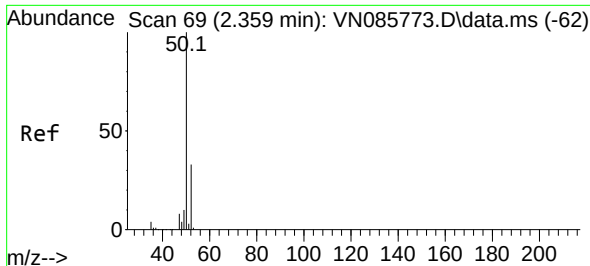


#2
Dichlorodifluoromethane
Concen: 43.565 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



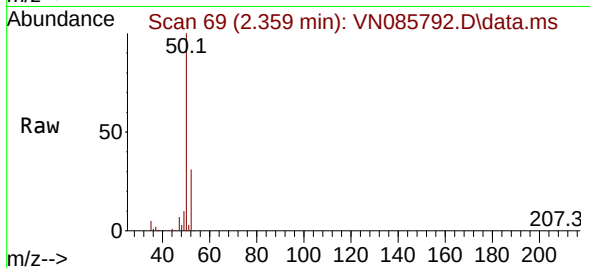
Tgt Ion: 85 Resp: 186478
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.2





#3
Chloromethane
Concen: 42.986 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

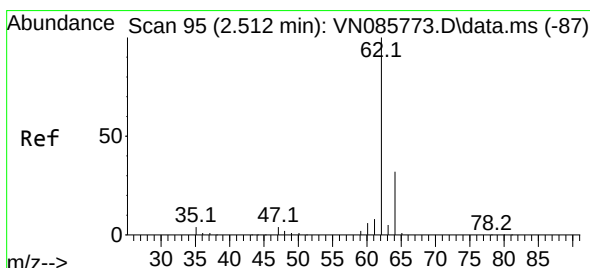
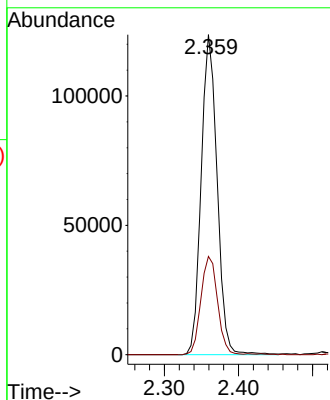
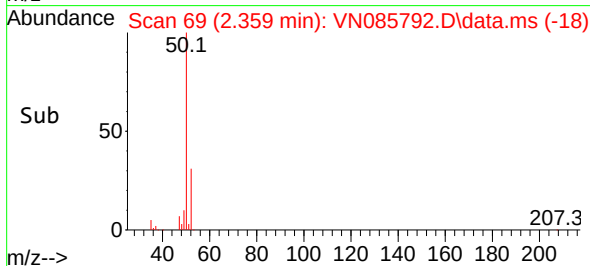
Instrument :
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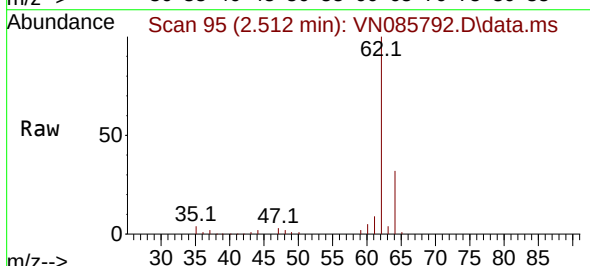
Tgt Ion: 50 Resp: 184639
Ion Ratio Lower Upper
50 100
52 30.7 26.7 40.1

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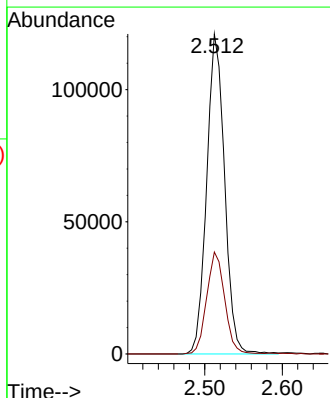
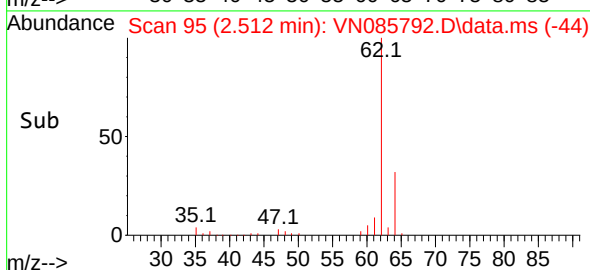
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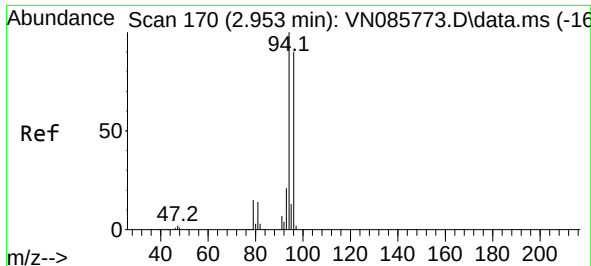


#4
Vinyl Chloride
Concen: 42.823 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085792.D
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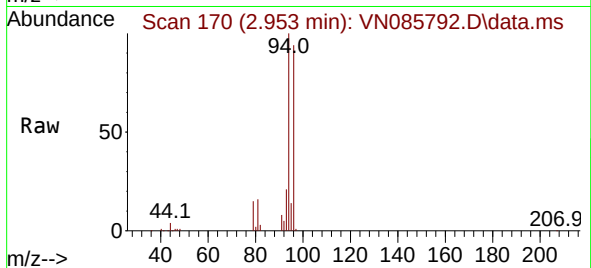
Tgt Ion: 62 Resp: 194748
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





#5
Bromomethane
Concen: 41.439 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085792.D
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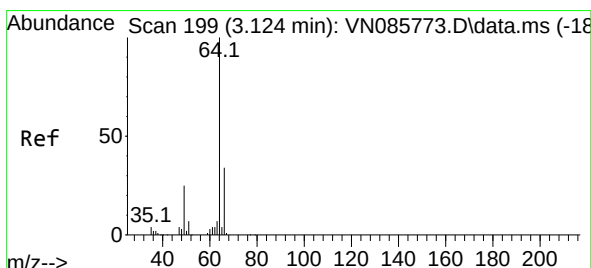
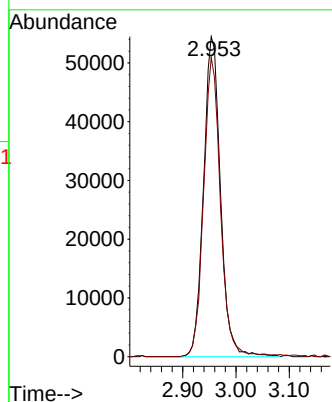
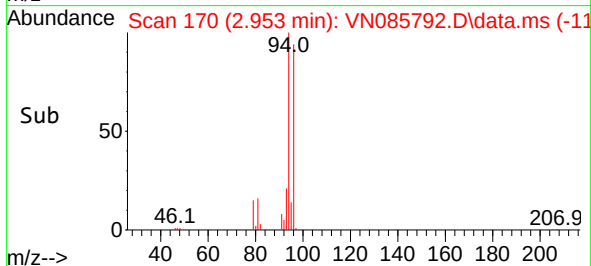
Instrument :
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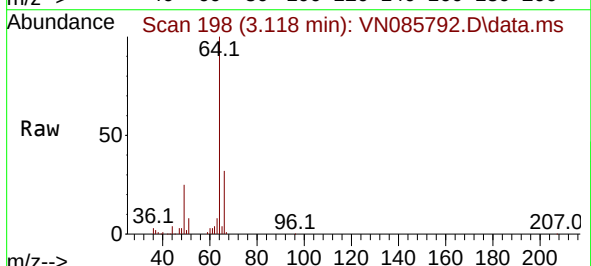
Tgt Ion: 94 Resp: 12050
Ion Ratio Lower Upper
94 100
96 93.5 71.7 107.5

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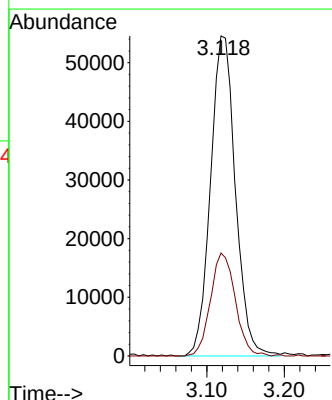
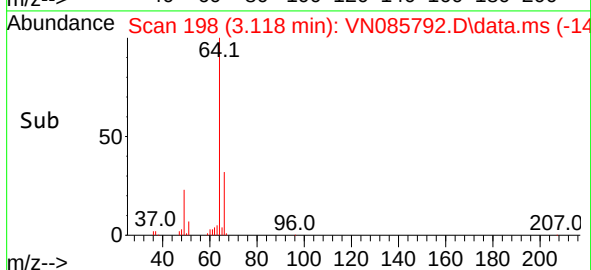
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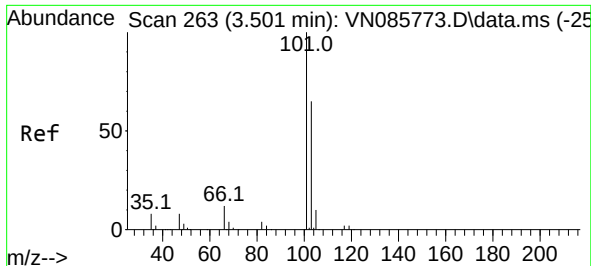


#6
Chloroethane
Concen: 40.403 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085792.D
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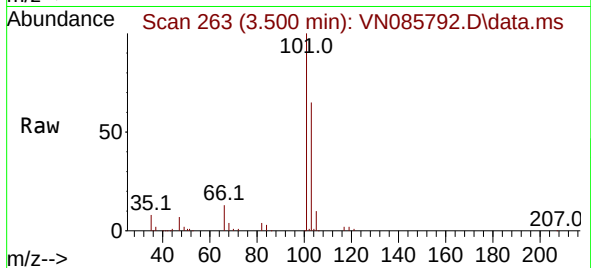
Tgt Ion: 64 Resp: 121708
Ion Ratio Lower Upper
64 100
66 32.2 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 41.961 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085792.D
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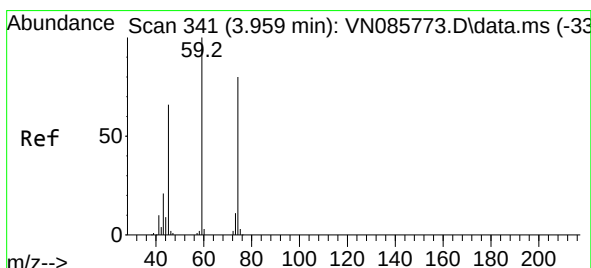
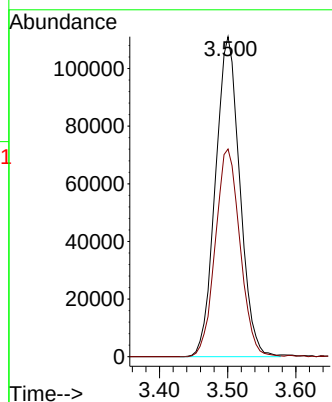
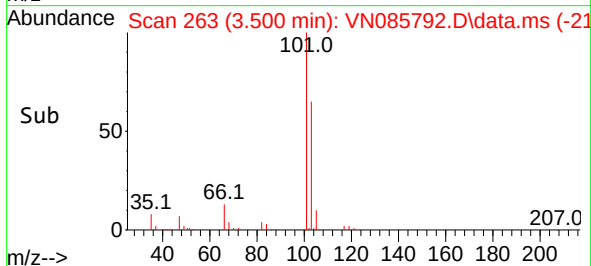
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Tgt Ion:101 Resp: 276280
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.4

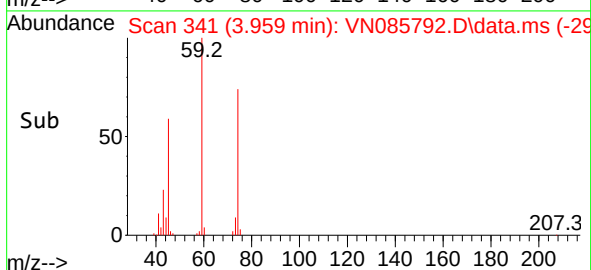
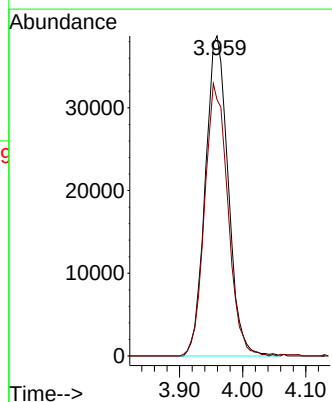
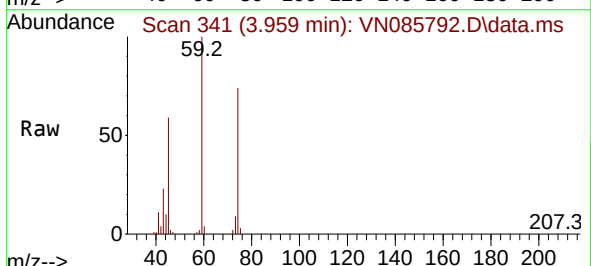
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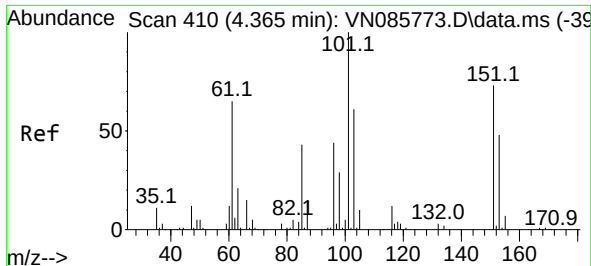
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#8
 Diethyl Ether
 Concen: 45.525 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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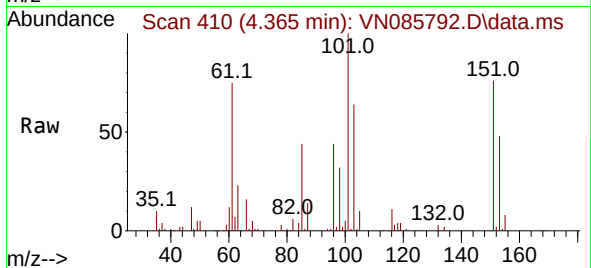
Tgt Ion: 74 Resp: 96989
 Ion Ratio Lower Upper
 74 100
 45 86.6 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.637 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
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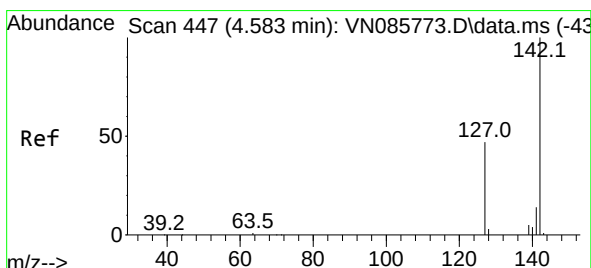
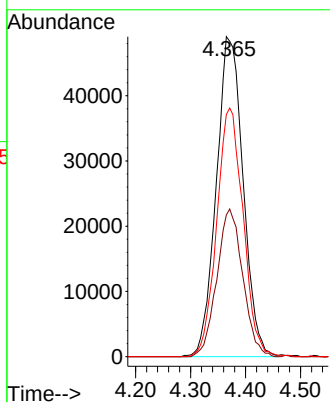
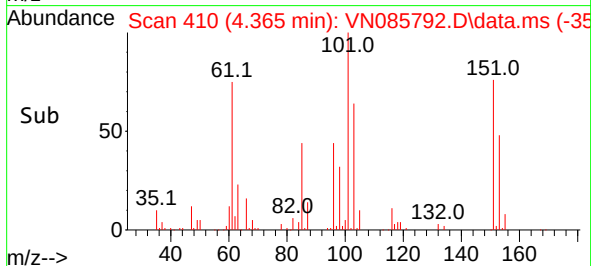
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



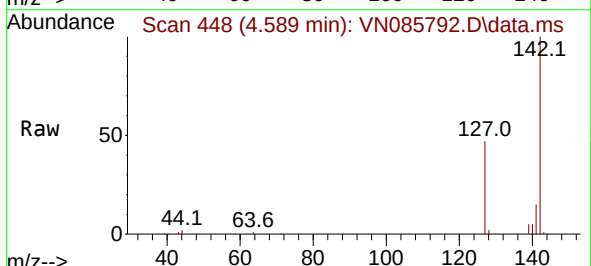
Tgt Ion:101 Resp: 16608
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 76.6 61.4 92.2

Manual Integrations
APPROVED

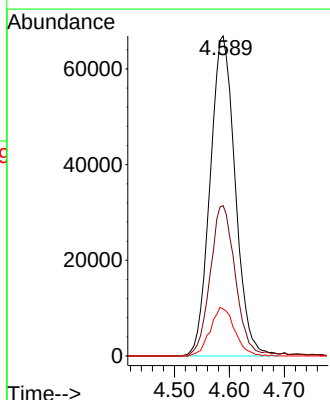
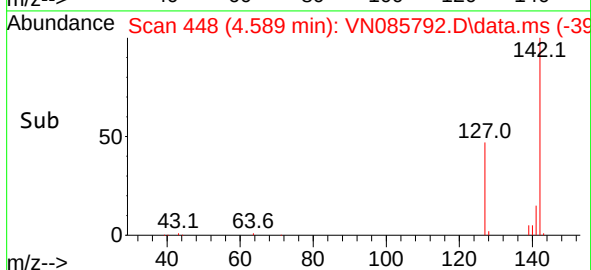
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

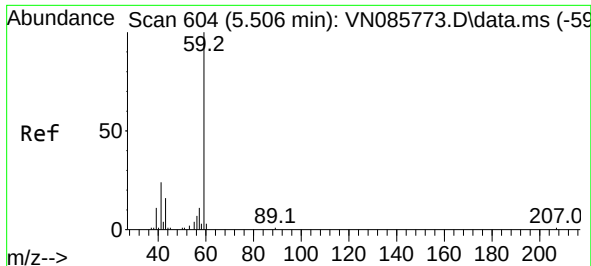


#10
Methyl Iodide
Concen: 45.224 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



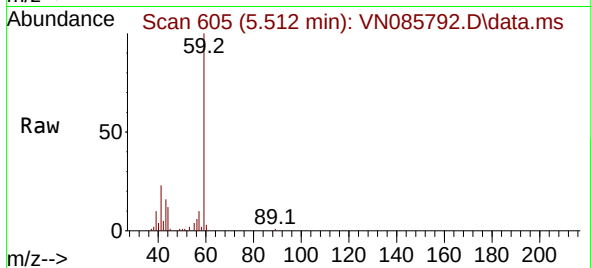
Tgt Ion:142 Resp: 212171
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.948 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

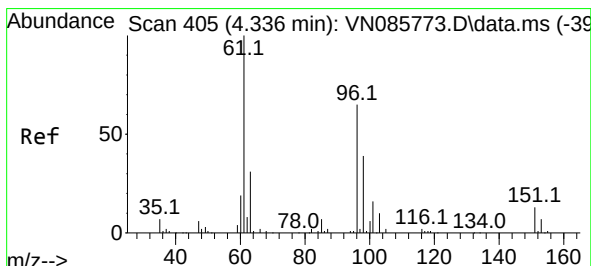
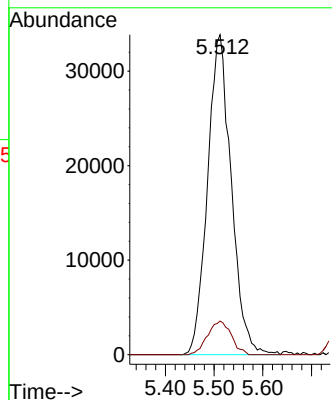
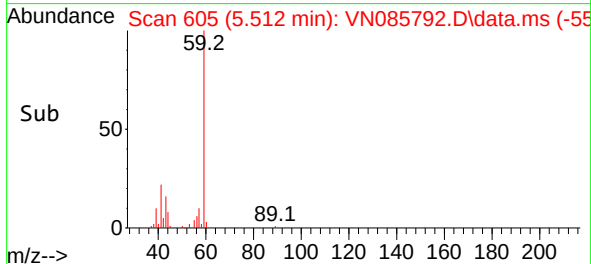
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



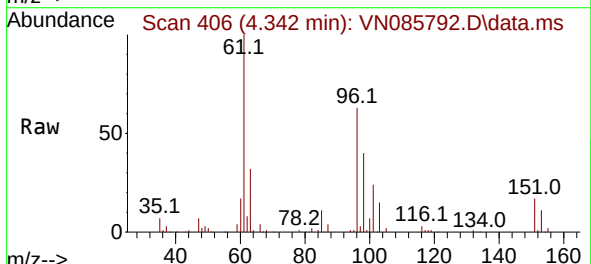
Tgt Ion: 59 Resp: 11438
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

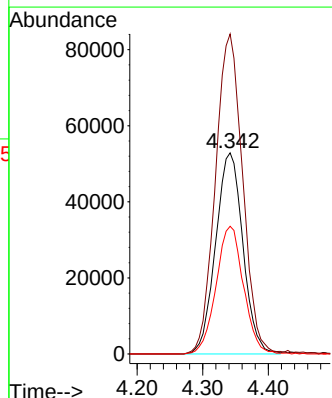
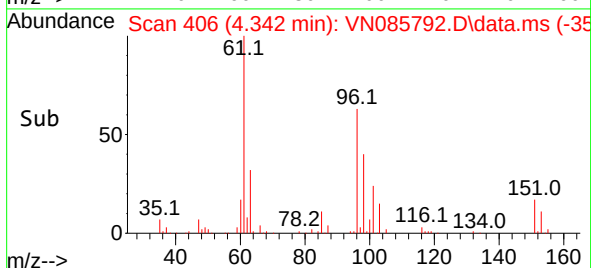
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

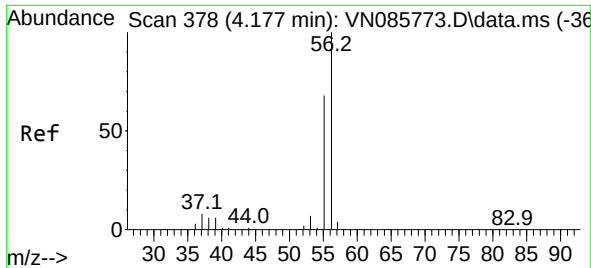


#12
1,1-Dichloroethene
Concen: 44.237 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



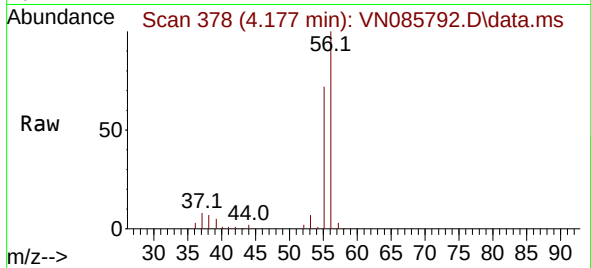
Tgt Ion: 96 Resp: 152662
Ion Ratio Lower Upper
96 100
61 159.1 123.3 184.9
98 63.5 48.6 72.8





#13
Acrolein
Concen: 246.597 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

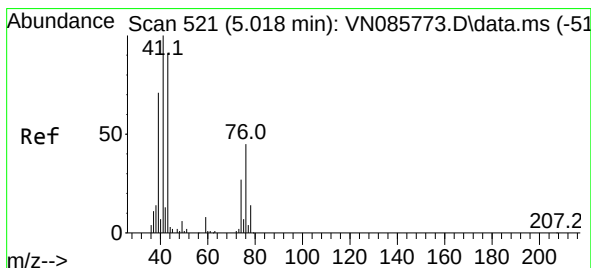
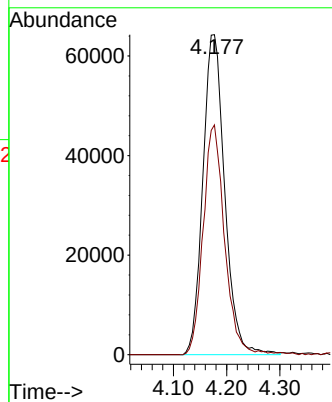
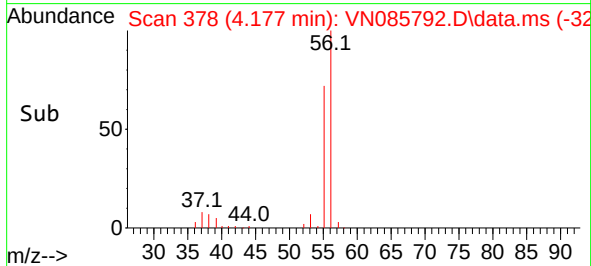
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



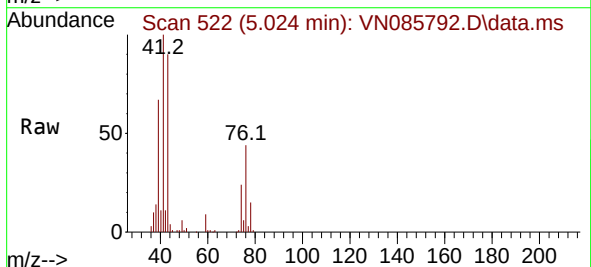
Tgt Ion: 56 Resp: 183499
Ion Ratio Lower Upper
56 100
55 69.6 55.3 82.9

Manual Integrations
APPROVED

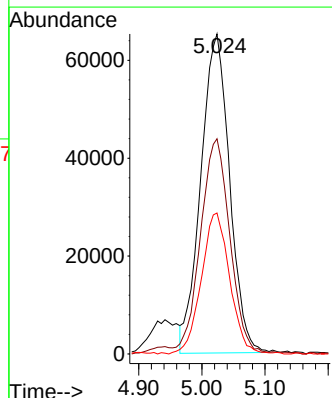
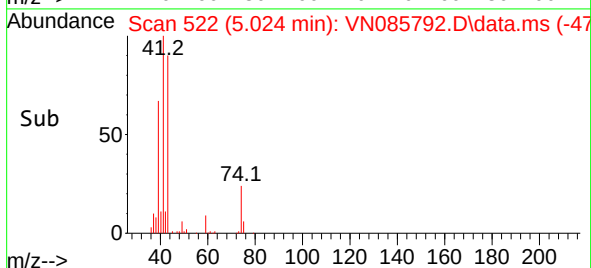
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

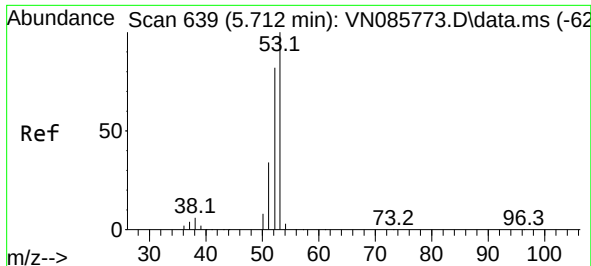


#14
Allyl chloride
Concen: 45.612 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



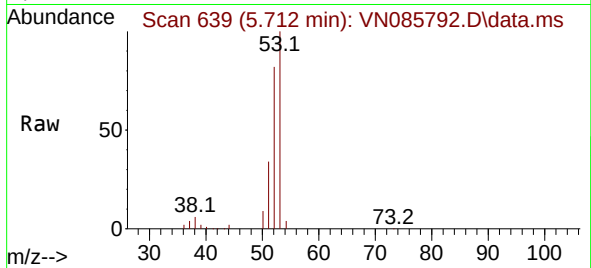
Tgt Ion: 41 Resp: 206663
Ion Ratio Lower Upper
41 100
39 68.1 57.4 86.2
76 43.6 36.2 54.2





#15
Acrylonitrile
Concen: 232.731 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

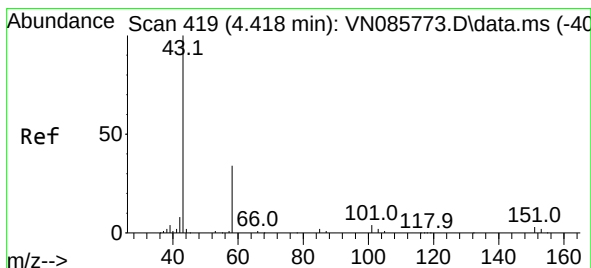
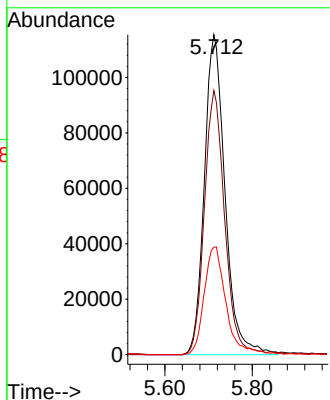
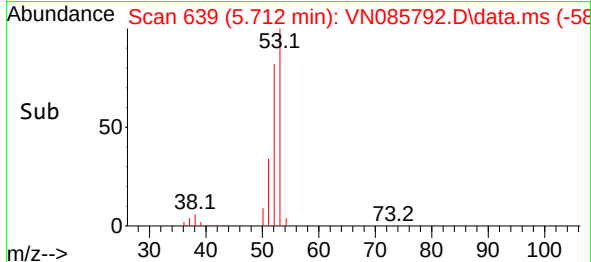
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



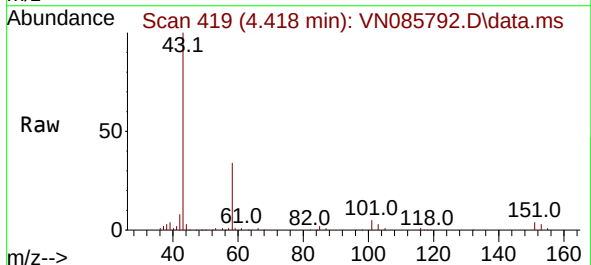
Tgt Ion: 53 Resp: 379650
Ion Ratio Lower Upper
53 100
52 81.0 65.8 98.6
51 35.4 28.6 42.8

Manual Integrations
APPROVED

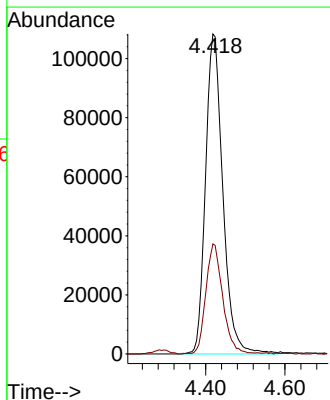
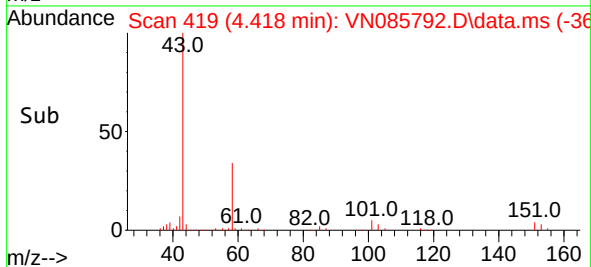
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

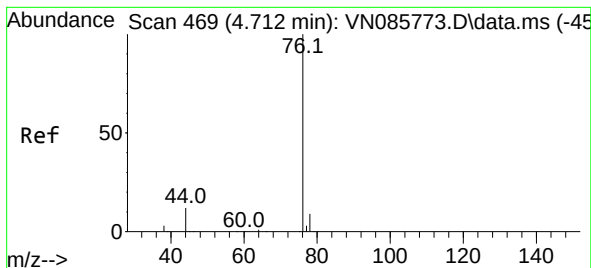


#16
Acetone
Concen: 254.620 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion: 43 Resp: 328698
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3





#17

Carbon Disulfide

Concen: 41.341 ug/l

RT: 4.712 min Scan# 40

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 422830

Ion Ratio Lower Upper

76 100

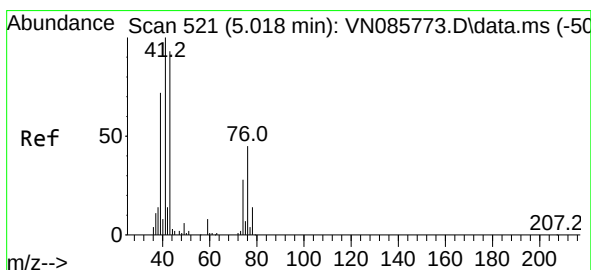
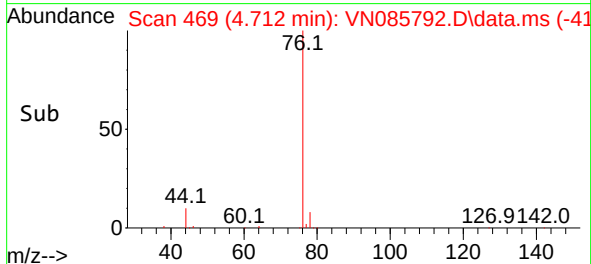
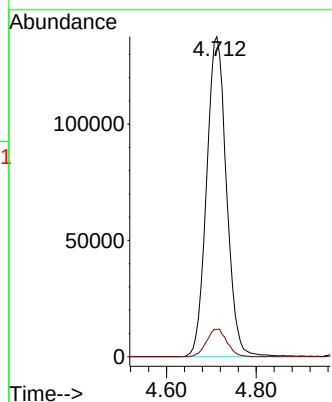
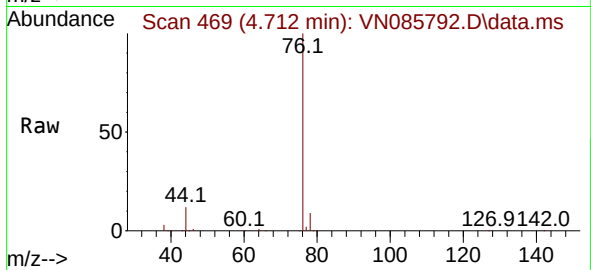
78 8.5 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#18

Methyl Acetate

Concen: 43.995 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085792.D

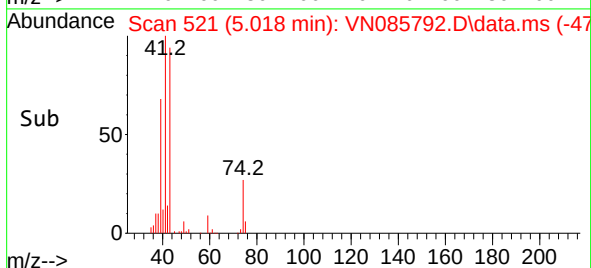
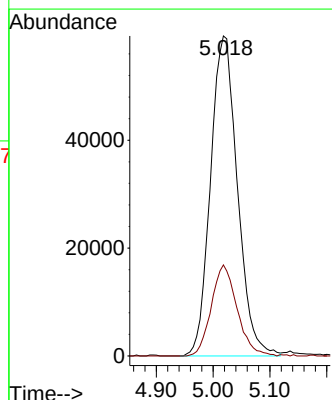
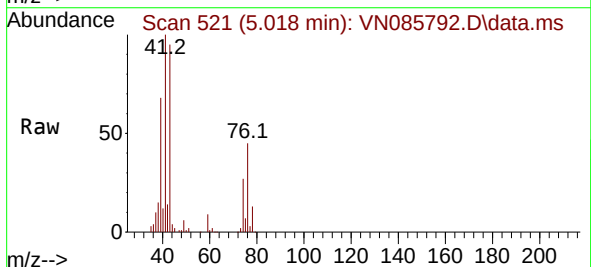
Acq: 19 Feb 2025 15:58

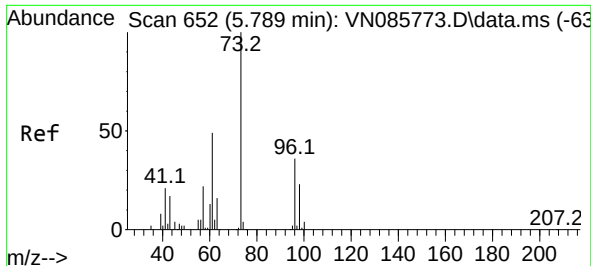
Tgt Ion: 43 Resp: 195346

Ion Ratio Lower Upper

43 100

74 27.2 22.2 33.4





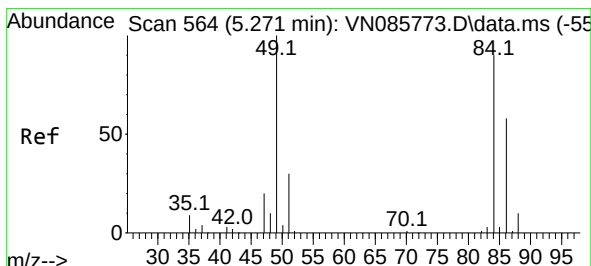
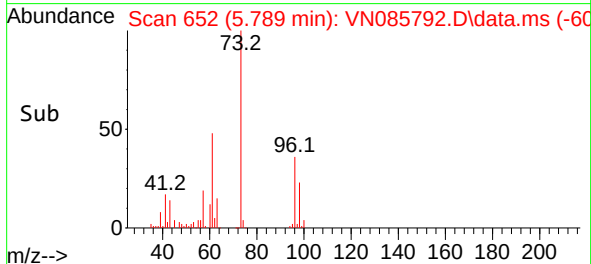
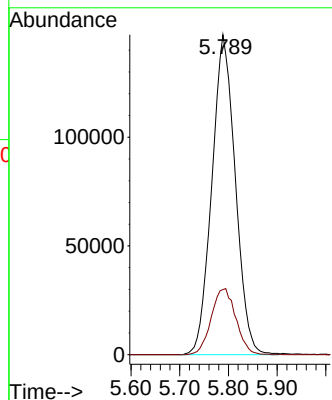
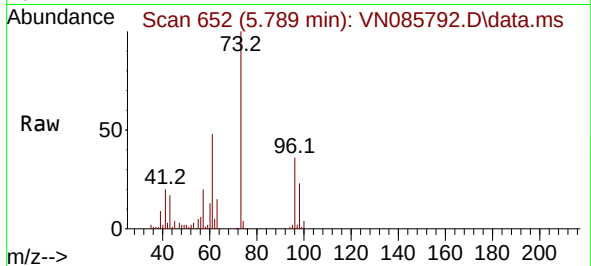
#19
Methyl tert-butyl Ether
Concen: 47.972 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 491948
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

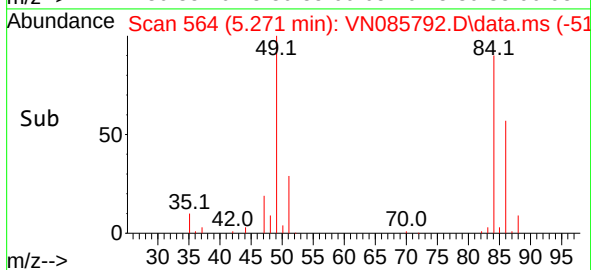
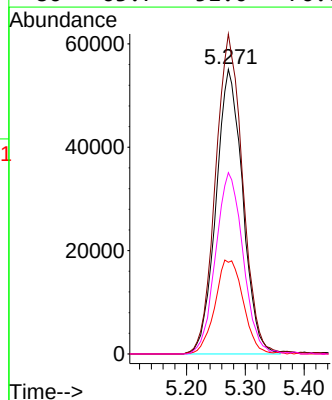
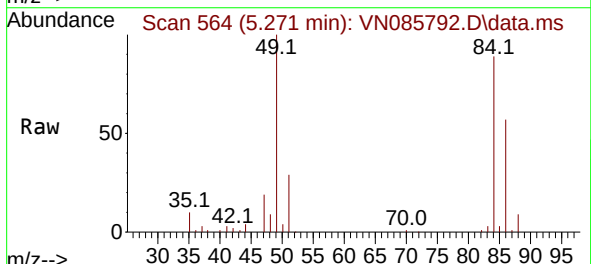
Manual Integrations
APPROVED

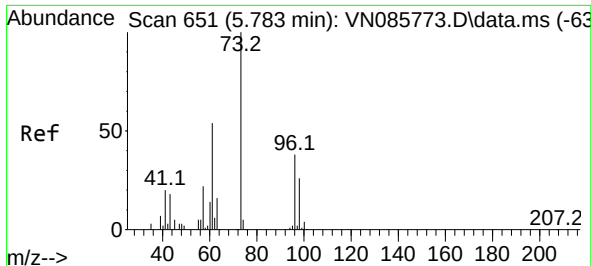
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 41.891 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

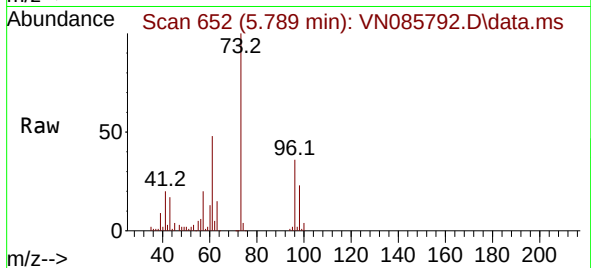
Tgt Ion: 84 Resp: 173911
Ion Ratio Lower Upper
84 100
49 112.4 88.4 132.6
51 32.2 26.6 40.0
86 63.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 43.781 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

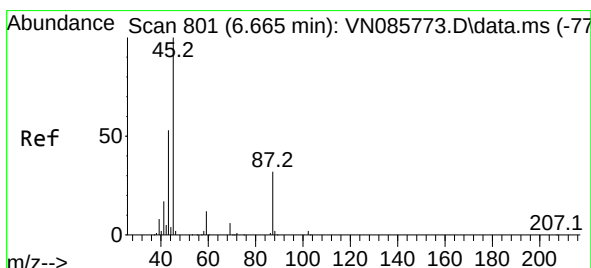
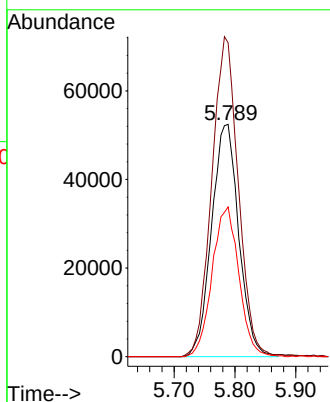
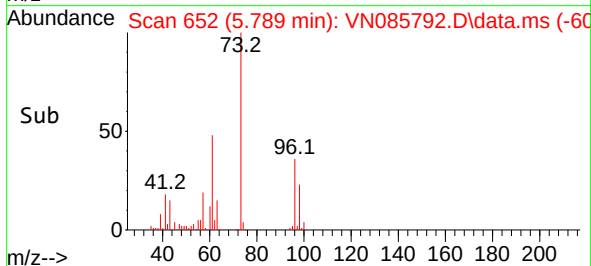
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 162680
Ion Ratio Lower Upper
96 100
61 135.1 112.6 168.8
98 64.5 53.3 79.9

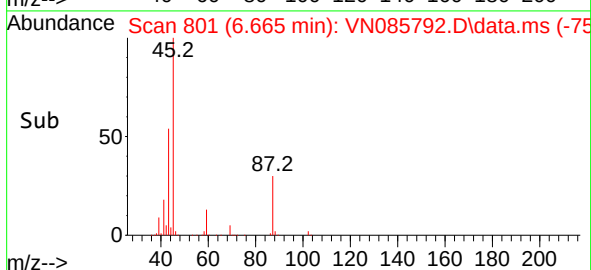
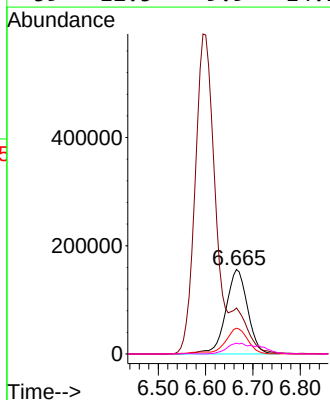
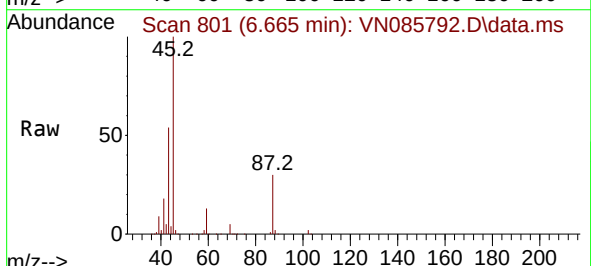
Manual Integrations
APPROVED

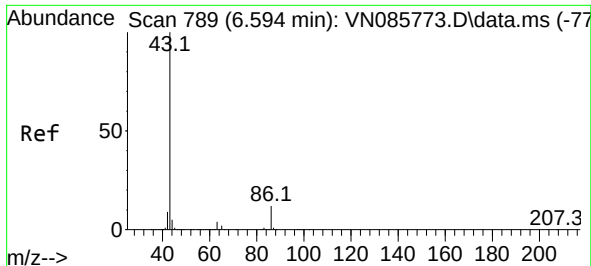
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#22
Diisopropyl ether
Concen: 48.571 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

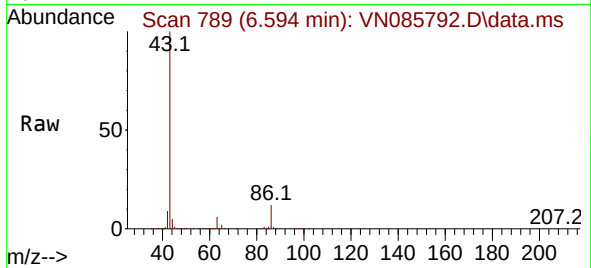
Tgt Ion: 45 Resp: 497270
Ion Ratio Lower Upper
45 100
43 52.9 42.6 64.0
87 30.4 25.8 38.8
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 241.583 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

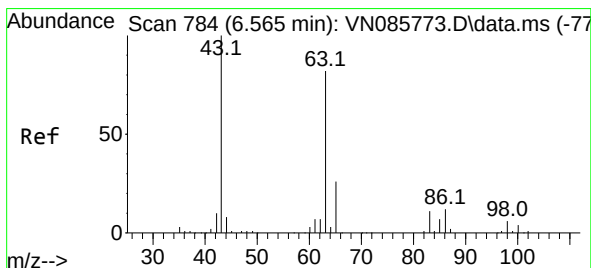
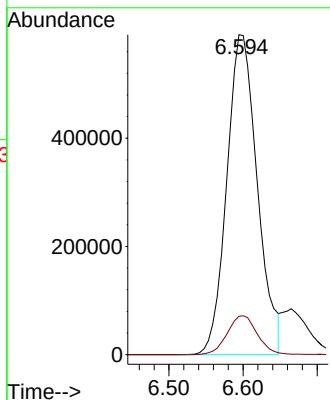
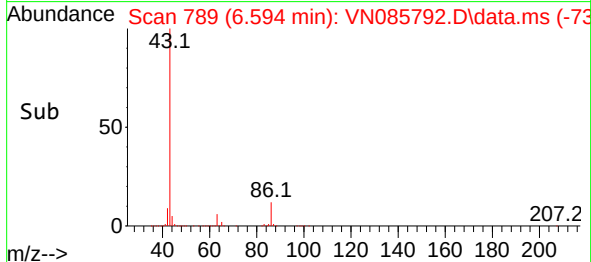
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



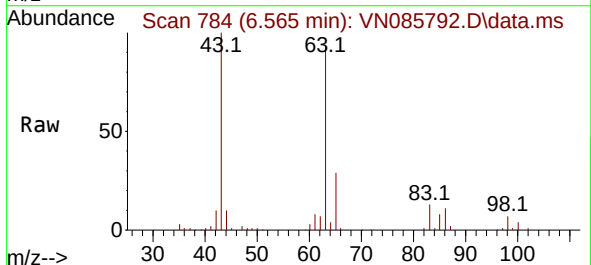
Tgt Ion: 43 Resp: 1693494
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.8 14.8

Manual Integrations
 APPROVED

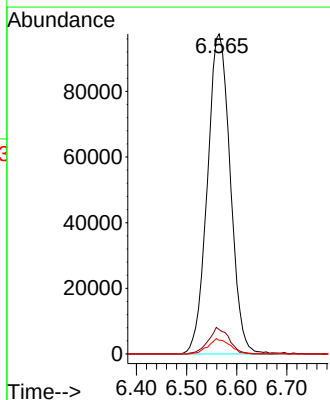
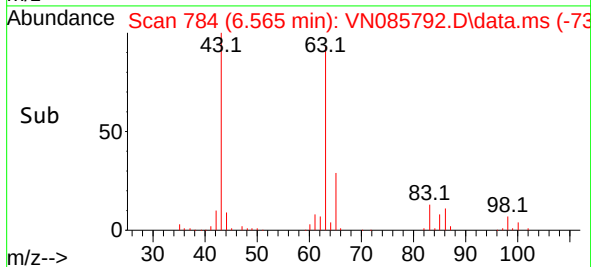
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

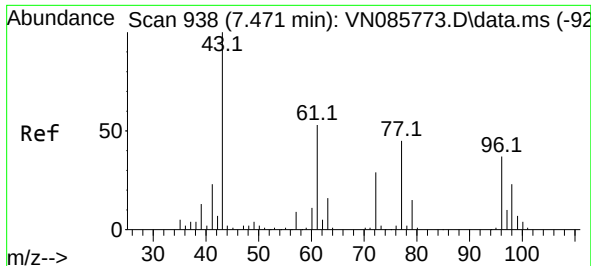


#24
 1,1-Dichloroethane
 Concen: 44.457 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58



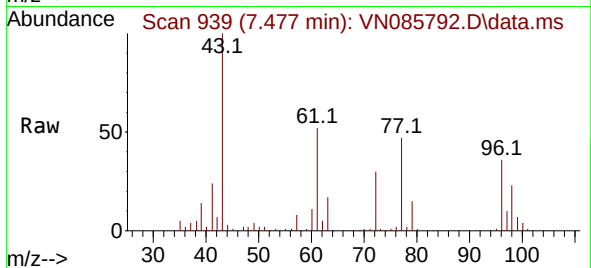
Tgt Ion: 63 Resp: 309410
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.3 2.4 7.2





#25
2-Butanone
Concen: 252.924 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

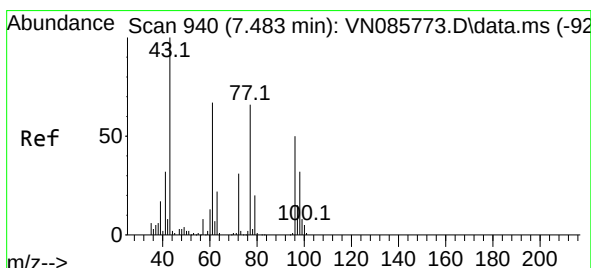
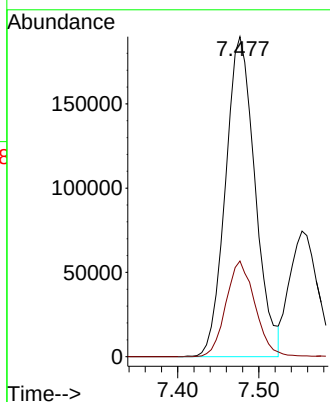
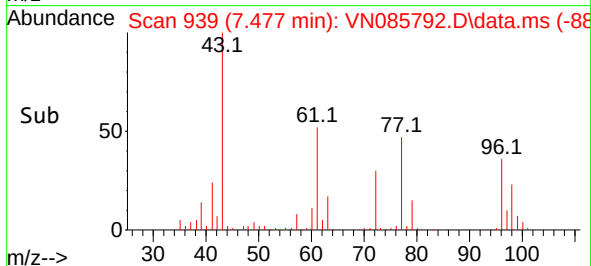
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



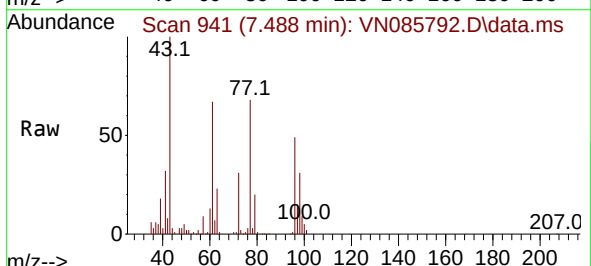
Tgt Ion: 43 Resp: 48035
Ion Ratio Lower Upper
43 100
72 29.9 23.6 35.4

Manual Integrations
APPROVED

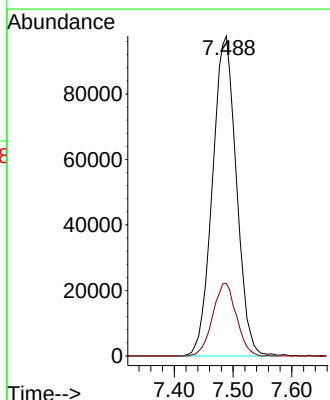
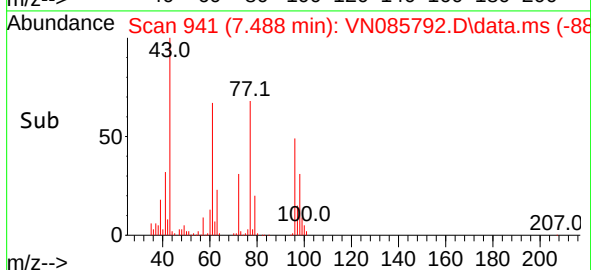
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

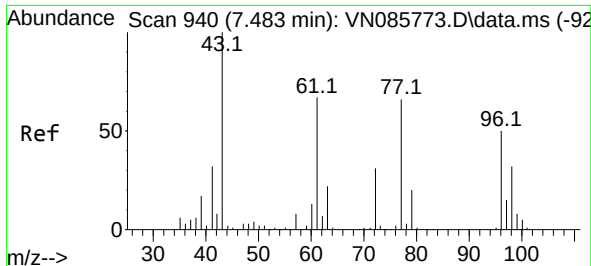


#26
2,2-Dichloropropane
Concen: 44.624 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



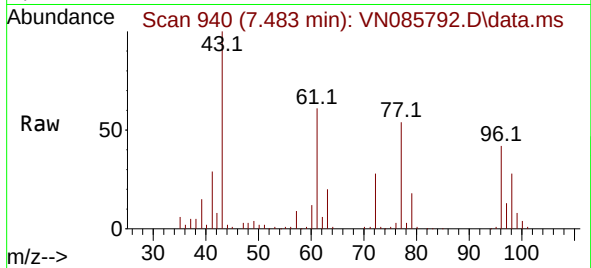
Tgt Ion: 77 Resp: 276166
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 45.138 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

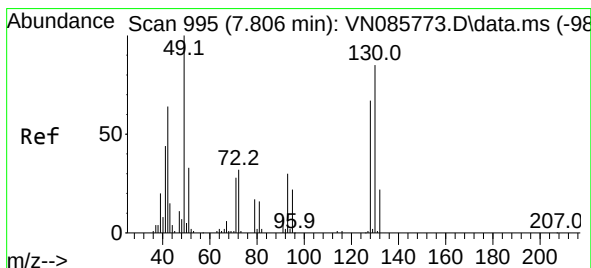
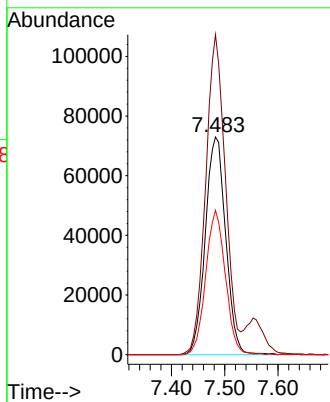
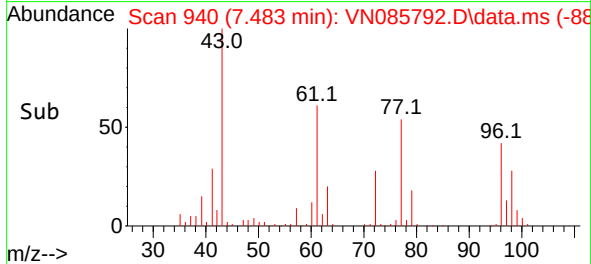
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



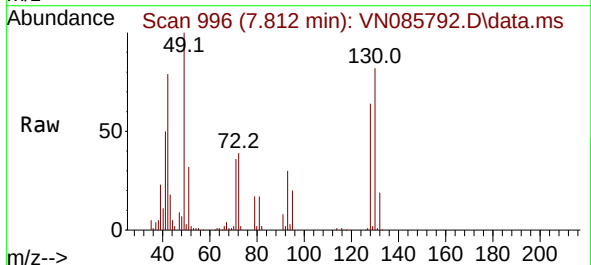
Tgt Ion: 96 Resp: 194480
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 280.6
 98 63.7 0.0 128.6

Manual Integrations
 APPROVED

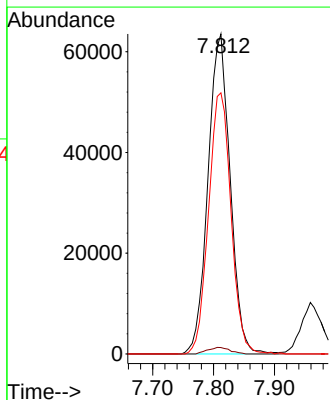
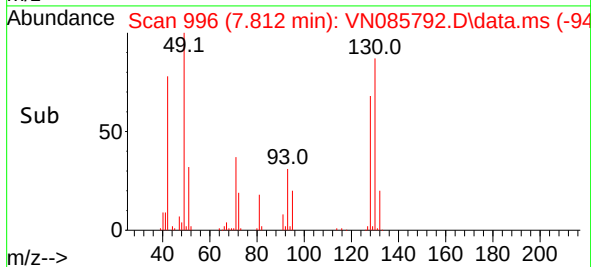
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

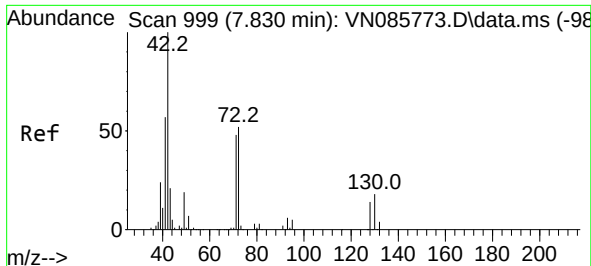


#28
 Bromochloromethane
 Concen: 56.231 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58



Tgt Ion: 49 Resp: 160850
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 82.6 68.0 102.0





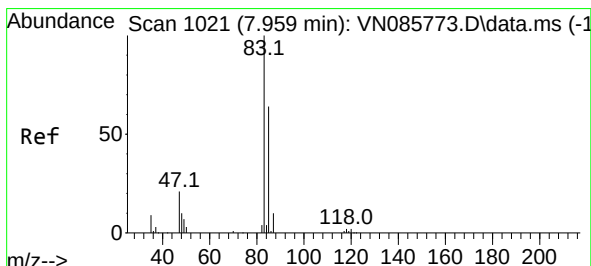
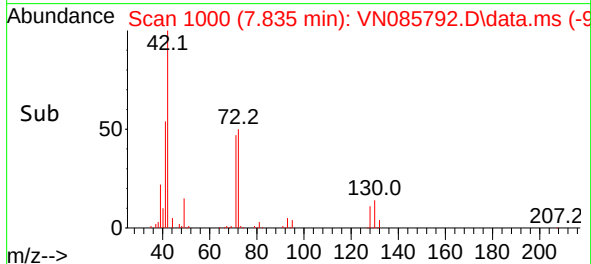
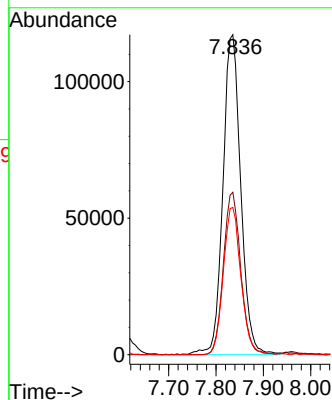
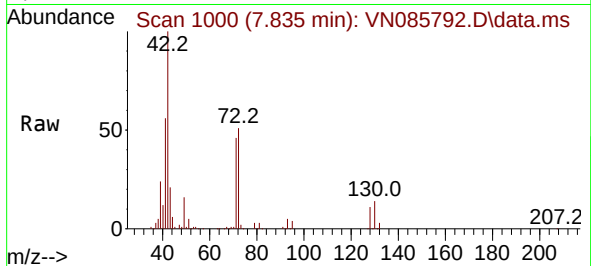
#29
Tetrahydrofuran
Concen: 250.245 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 30690
Ion Ratio Lower Upper
42 100
72 49.5 40.0 60.0
71 45.5 37.0 55.4

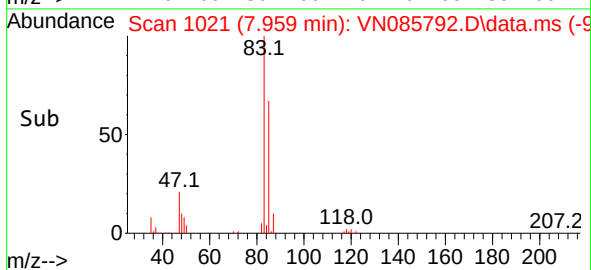
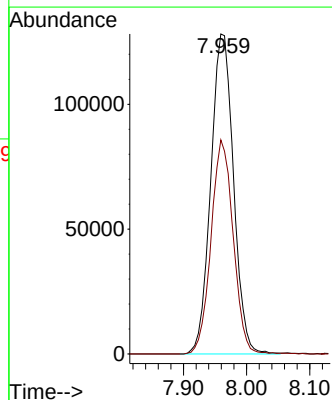
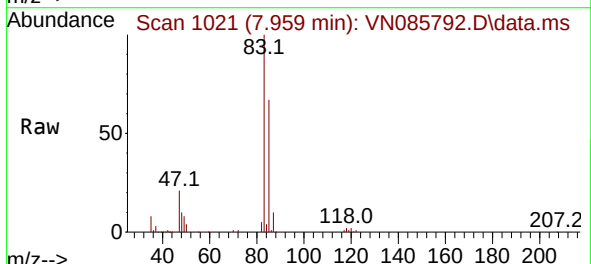
Manual Integrations
APPROVED

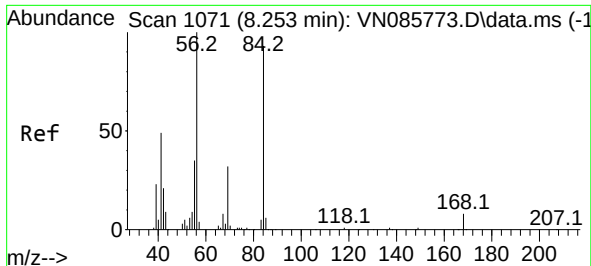
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#30
Chloroform
Concen: 44.027 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

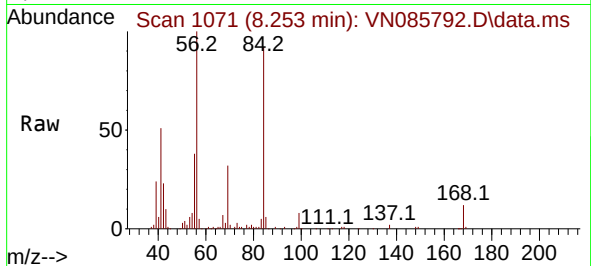
Tgt Ion: 83 Resp: 320212
Ion Ratio Lower Upper
83 100
85 66.9 50.9 76.3





#31
Cyclohexane
Concen: 41.582 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

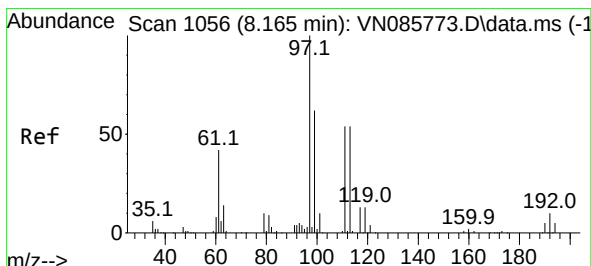
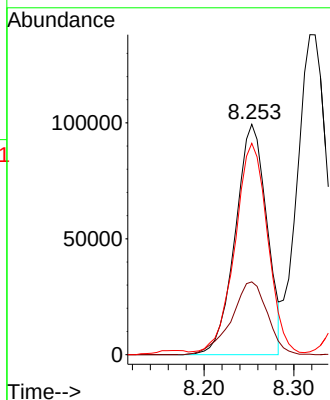
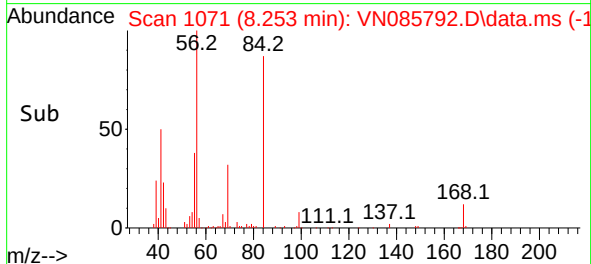
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



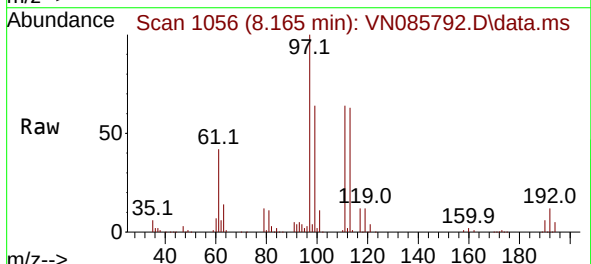
Tgt Ion: 56 Resp: 242308
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 89.9 74.5 111.7

Manual Integrations
APPROVED

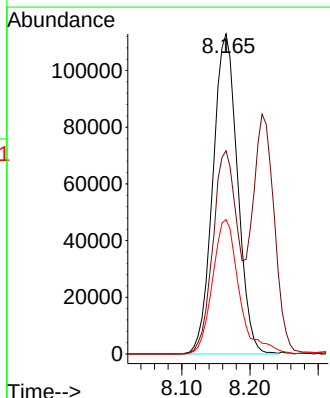
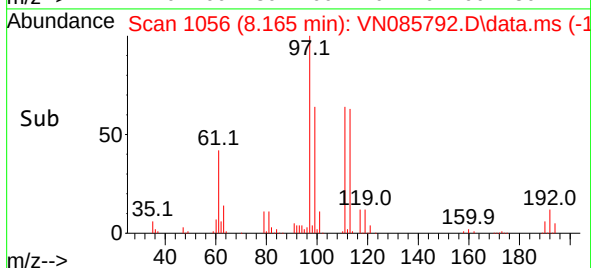
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

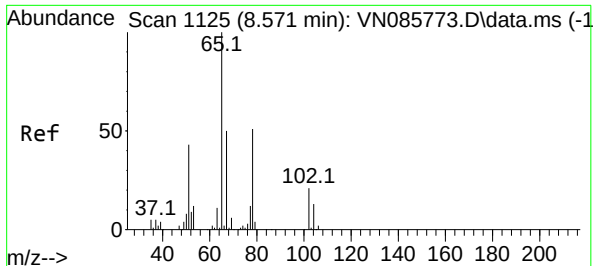


#32
1,1,1-Trichloroethane
Concen: 43.956 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



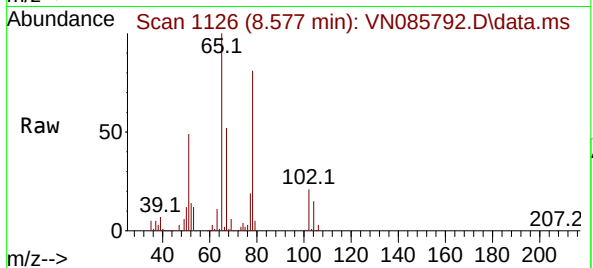
Tgt Ion: 97 Resp: 284356
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 45.4 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 51.022 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

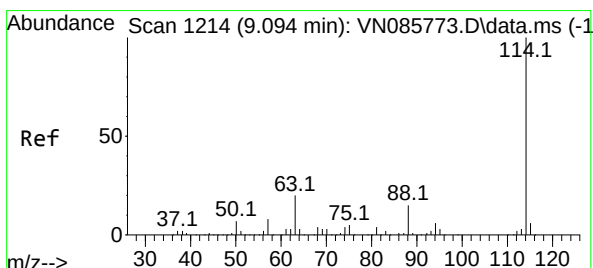
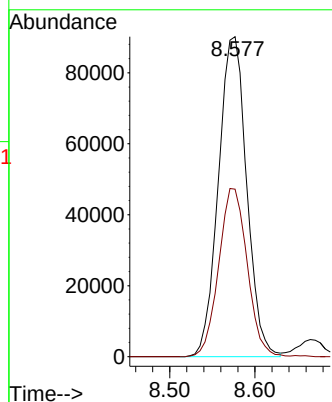
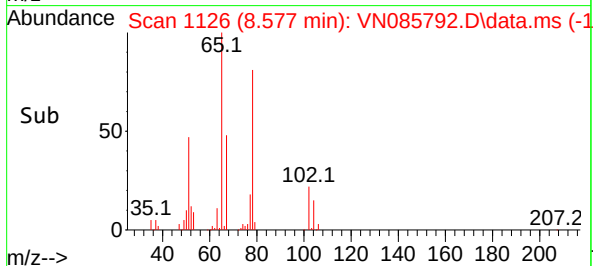
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



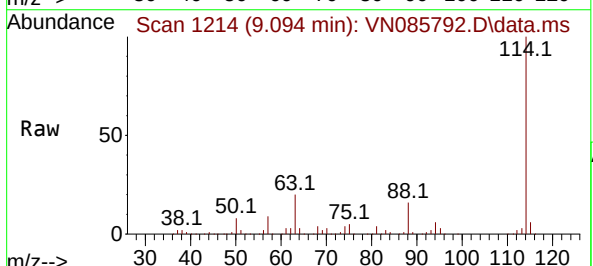
Tgt Ion: 65 Resp: 20816
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.2

Manual Integrations
APPROVED

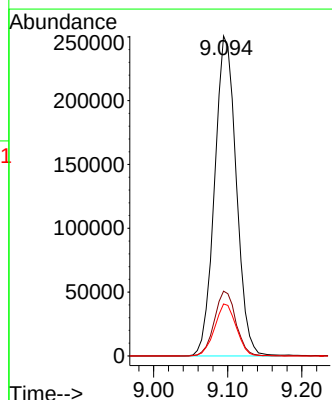
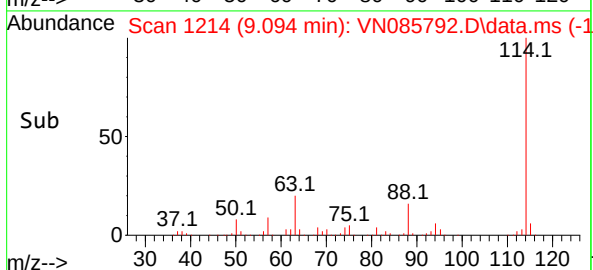
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

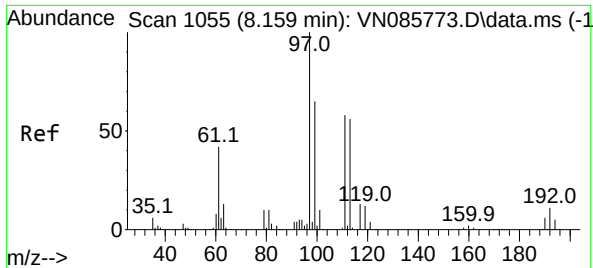


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



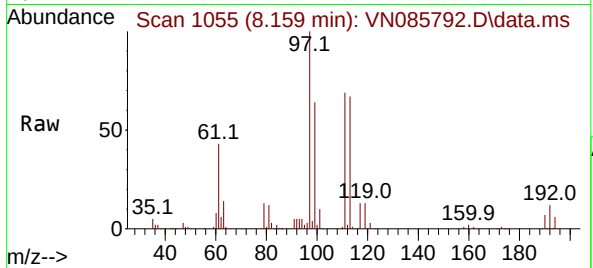
Tgt Ion:114 Resp: 508489
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 16.3 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

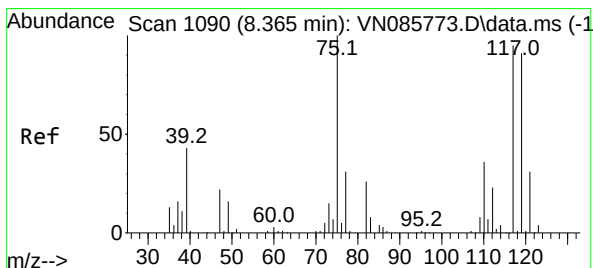
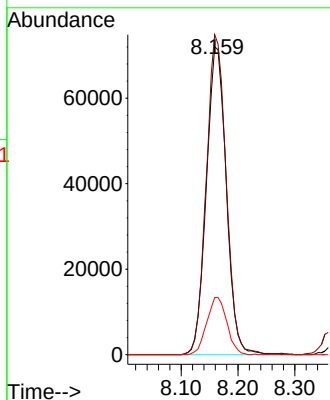
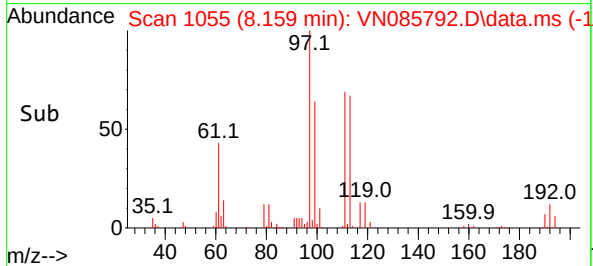
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



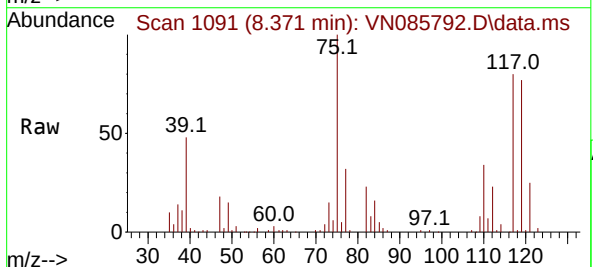
Tgt Ion: 113 Resp: 175528
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.7 14.7 22.1

Manual Integrations
APPROVED

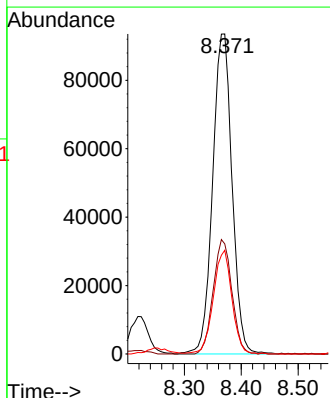
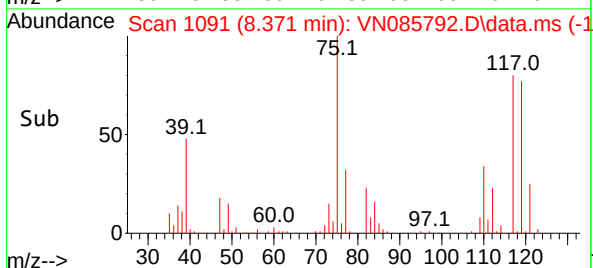
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

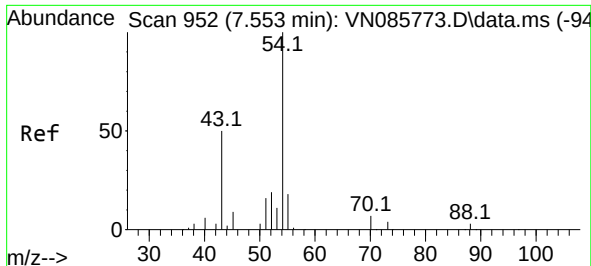


#36
1,1-Dichloropropene
Concen: 47.163 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion: 75 Resp: 222094
Ion Ratio Lower Upper
75 100
110 34.4 17.3 52.0
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 48.325 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18727

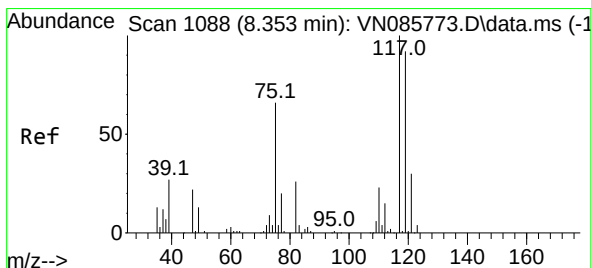
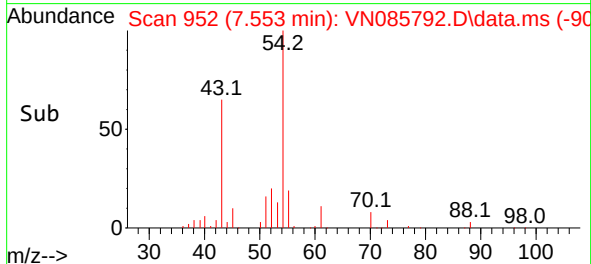
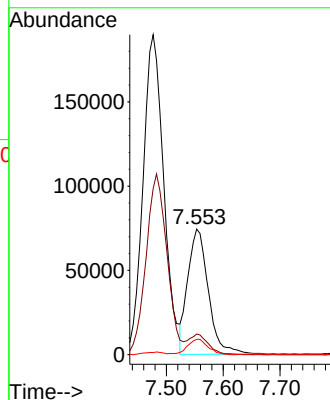
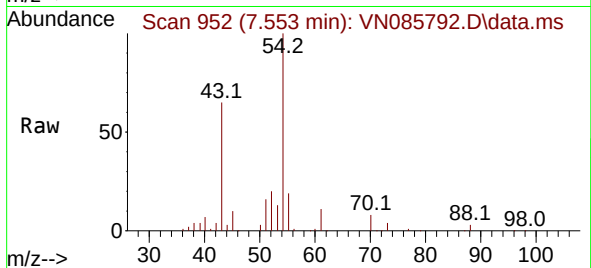
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	12.1	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#38

Carbon Tetrachloride

Concen: 44.699 ug/l

RT: 8.359 min Scan# 1089

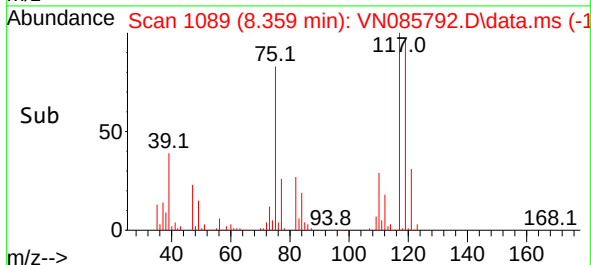
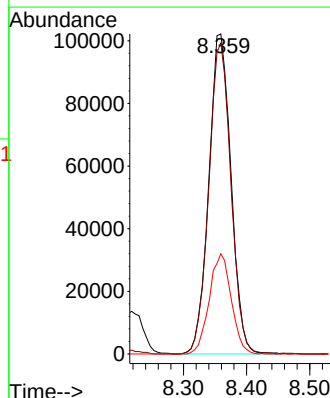
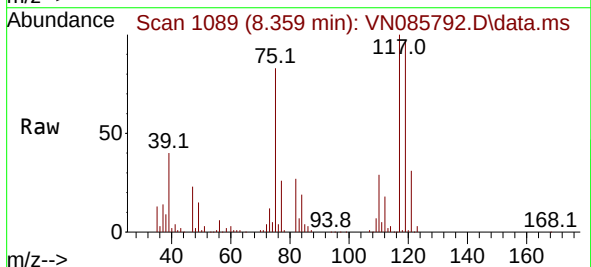
Delta R.T. 0.006 min

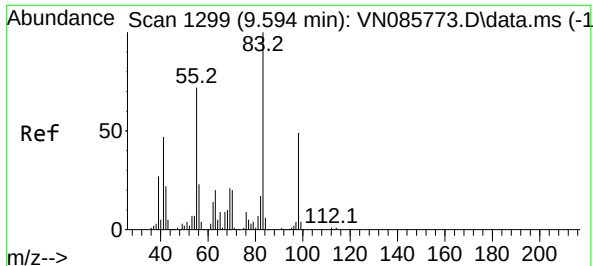
Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Tgt Ion:117 Resp: 250101

Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.8	110.6
121	31.3	24.3	36.5





#39

Methylcyclohexane

Concen: 51.193 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 236828

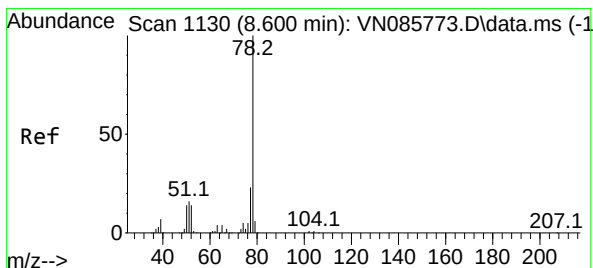
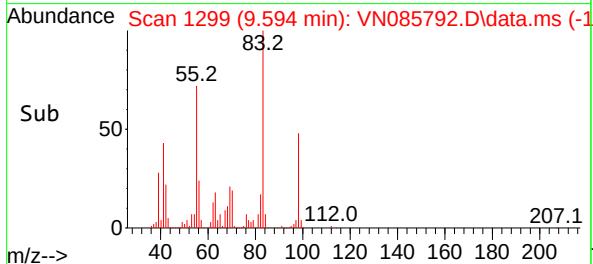
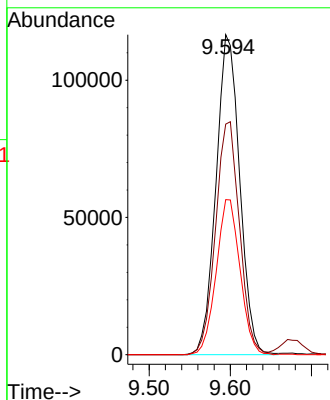
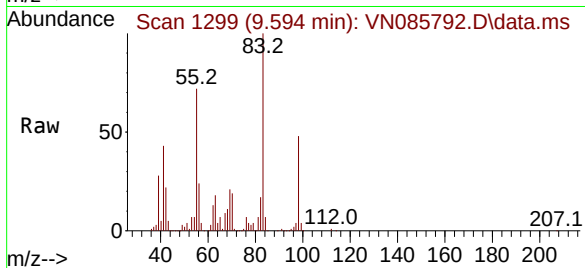
Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.5	86.3
98	48.5	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#40

Benzene

Concen: 46.405 ug/l

RT: 8.600 min Scan# 1130

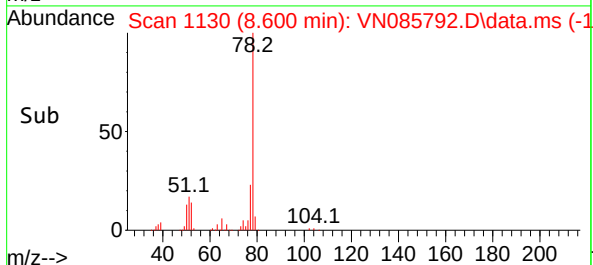
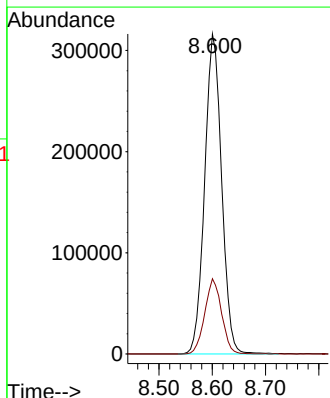
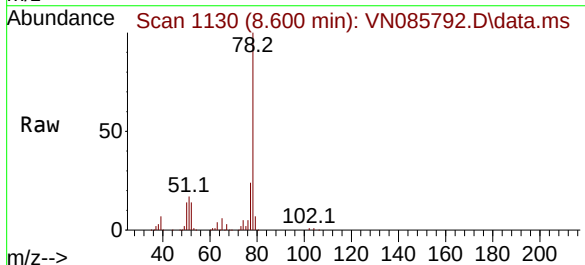
Delta R.T. -0.000 min

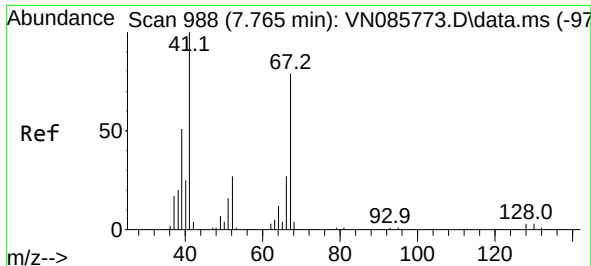
Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Tgt Ion: 78 Resp: 700374

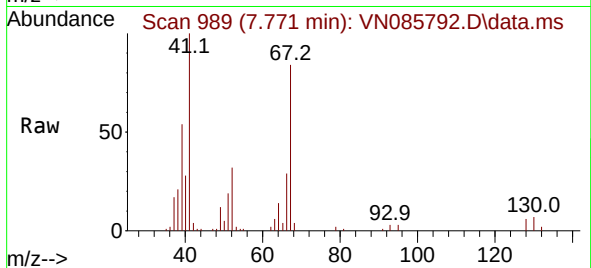
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5





#41
Methacrylonitrile
Concen: 50.427 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

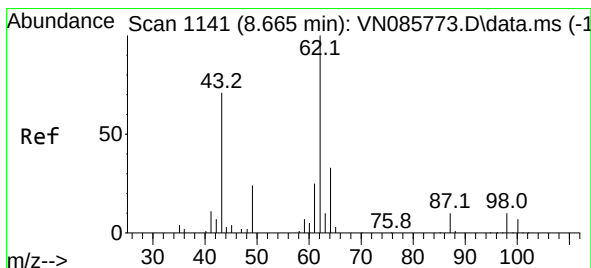
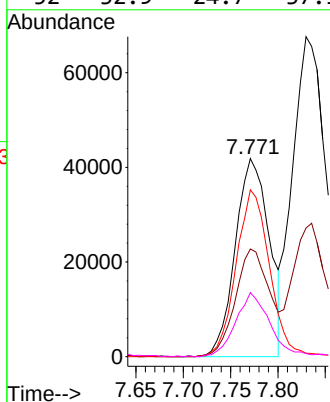
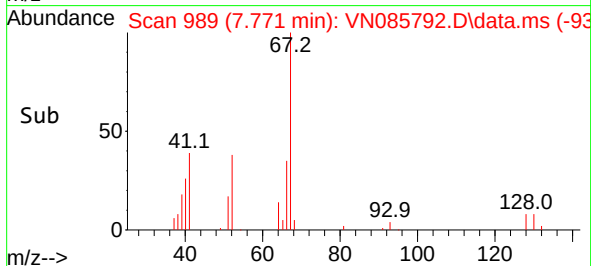
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



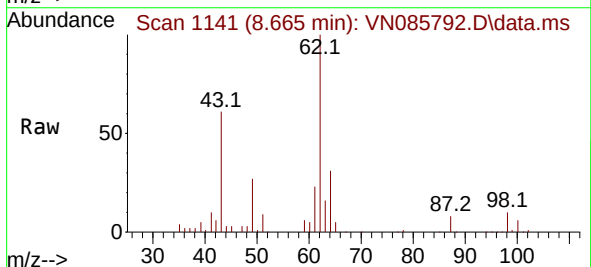
Tgt Ion: 41 Resp: 10446
Ion Ratio Lower Upper
41 100
39 54.3 42.0 63.0
67 83.3 64.2 96.4
52 32.9 24.7 37.1

Manual Integrations
APPROVED

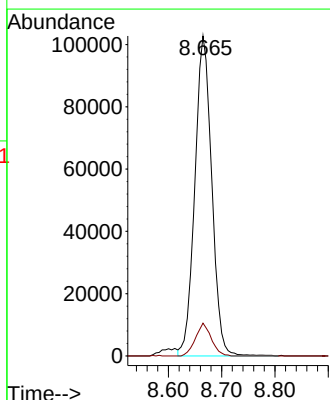
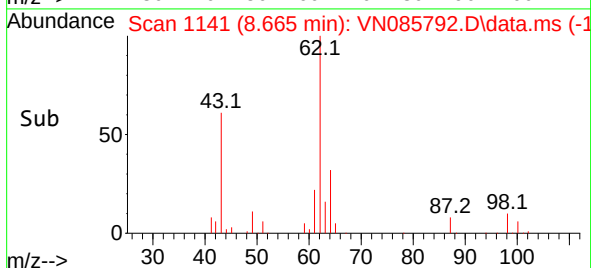
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

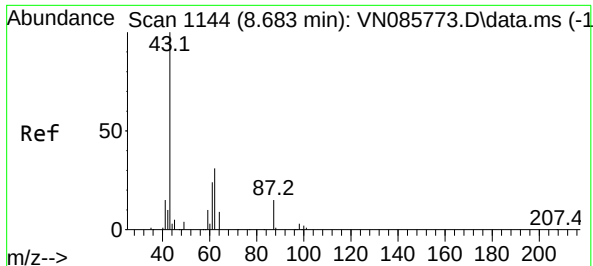


#42
1,2-Dichloroethane
Concen: 46.134 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



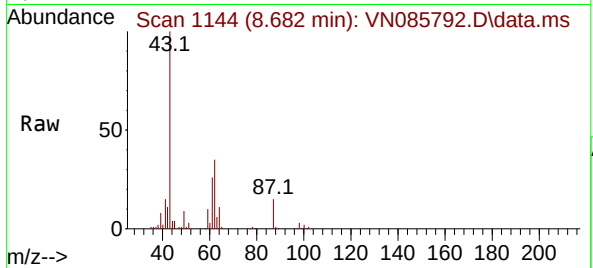
Tgt Ion: 62 Resp: 226801
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 47.833 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

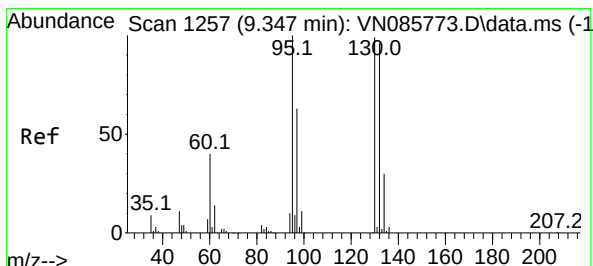
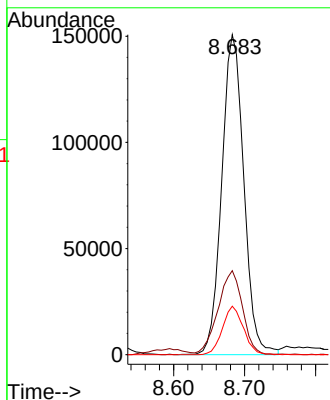
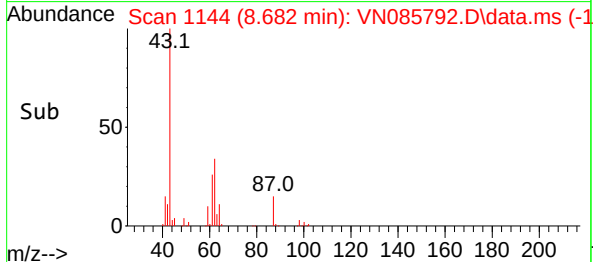
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



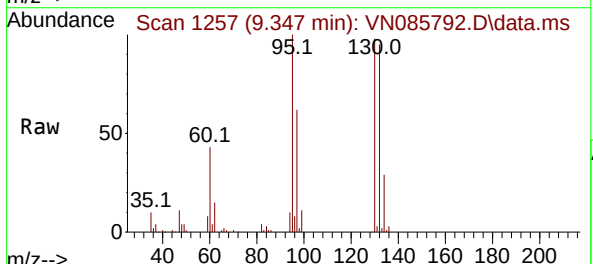
Tgt Ion: 43 Resp: 32547
Ion Ratio Lower Upper
43 100
61 29.2 22.6 34.0
87 14.4 11.8 17.8

Manual Integrations
APPROVED

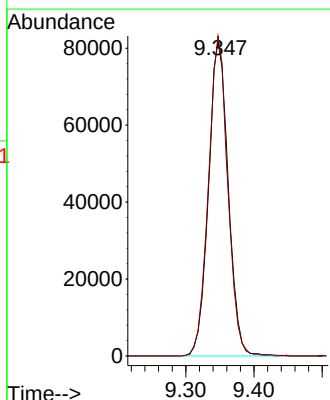
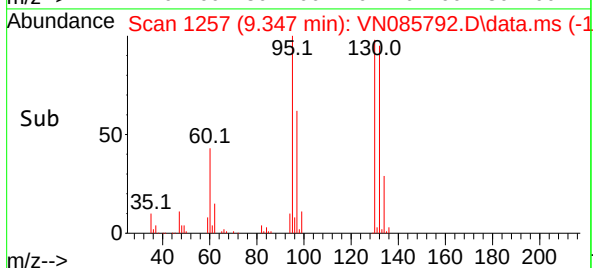
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

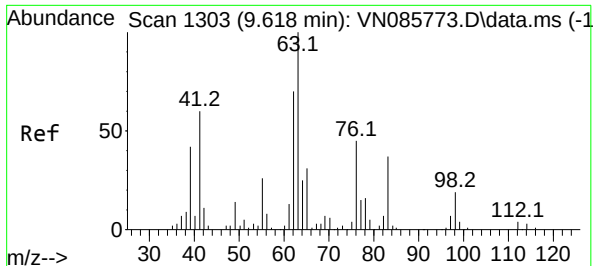


#44
Trichloroethene
Concen: 44.375 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



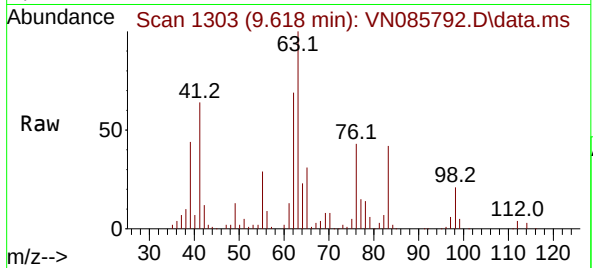
Tgt Ion:130 Resp: 164443
Ion Ratio Lower Upper
130 100
95 101.8 0.0 202.6





#45
1,2-Dichloropropane
Concen: 46.667 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

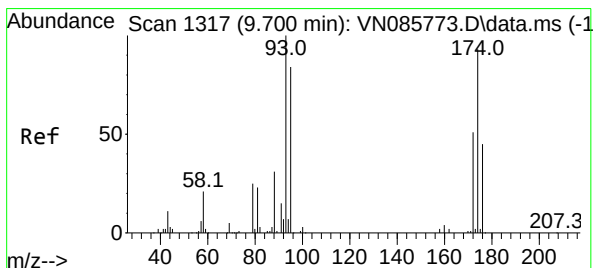
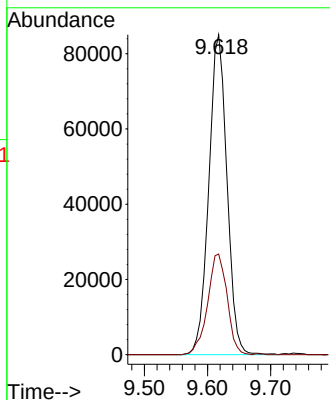
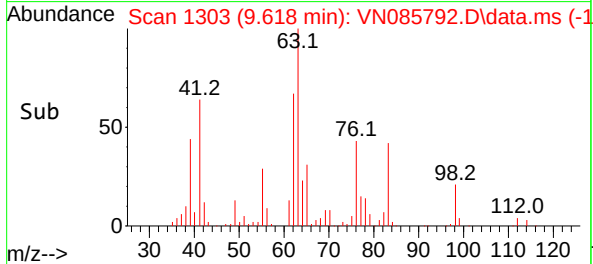
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



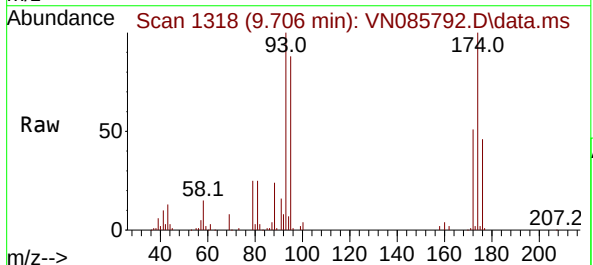
Tgt Ion: 63 Resp: 170014
Ion Ratio Lower Upper
63 100
65 31.5 25.1 37.7

Manual Integrations
APPROVED

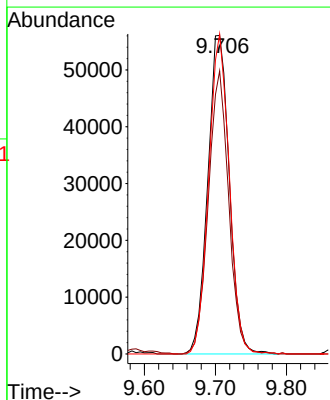
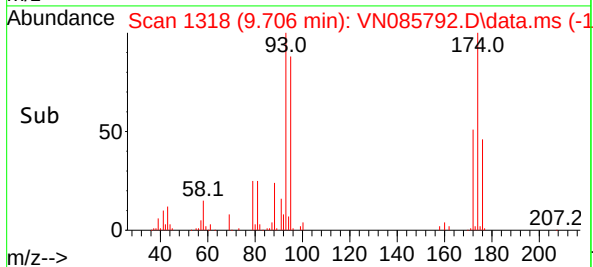
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

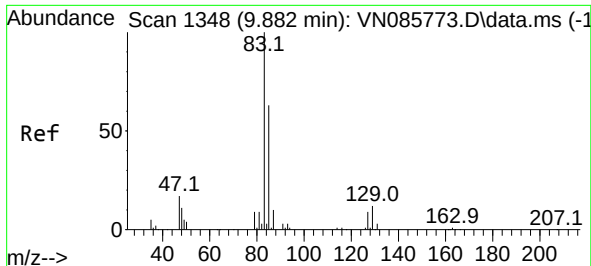


#46
Dibromomethane
Concen: 45.979 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



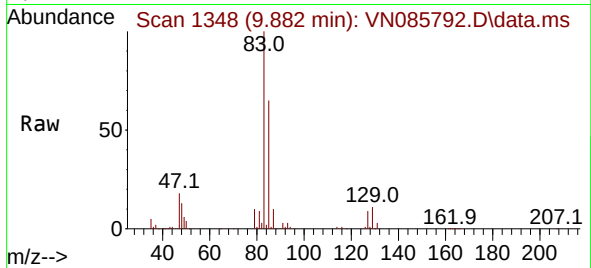
Tgt Ion: 93 Resp: 118154
Ion Ratio Lower Upper
93 100
95 84.1 66.7 100.1
174 95.8 77.2 115.8





#47
Bromodichloromethane
Concen: 46.221 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

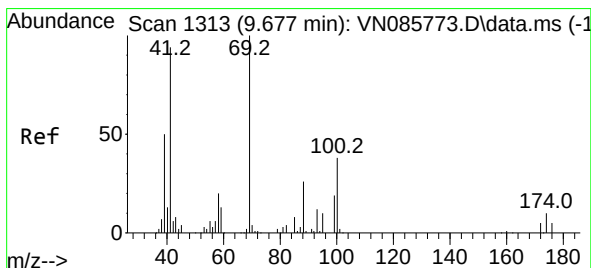
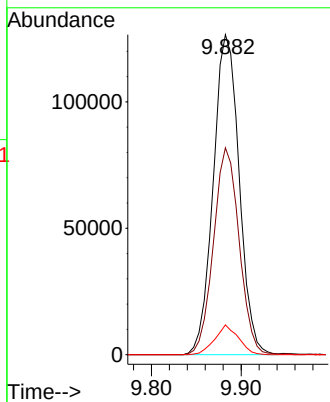
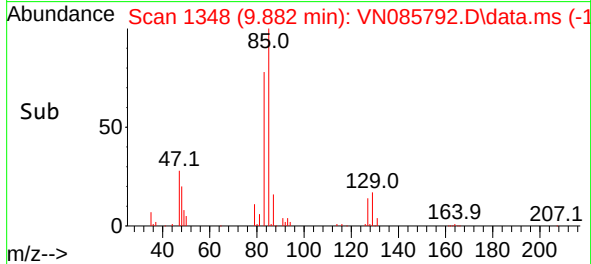
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 25411
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 9.3 7.2 10.8

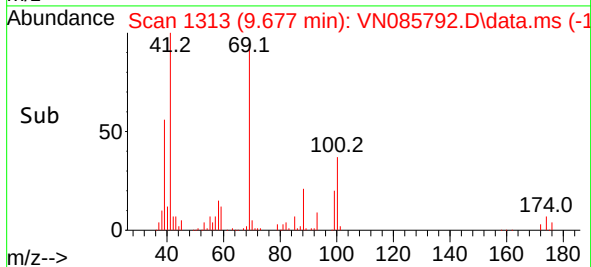
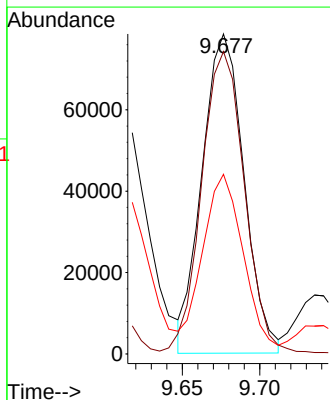
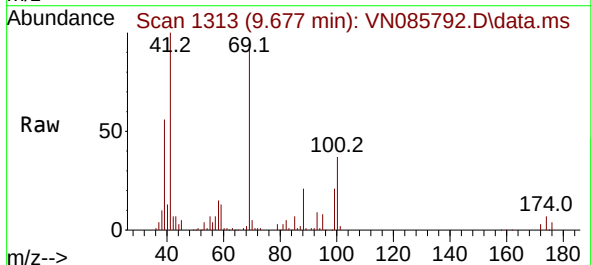
Manual Integrations
APPROVED

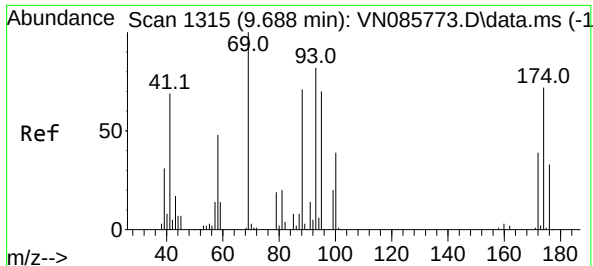
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#48
Methyl methacrylate
Concen: 51.177 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

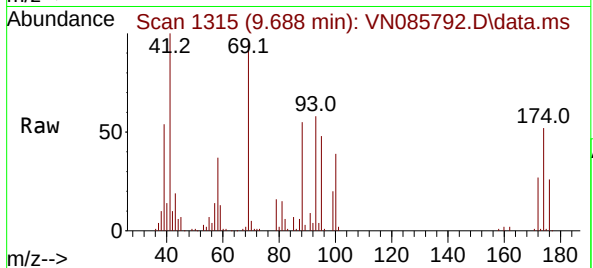
Tgt Ion: 41 Resp: 147289
Ion Ratio Lower Upper
41 100
69 97.8 76.0 114.0
39 55.4 42.3 63.5





#49
1,4-Dioxane
Concen: 1029.861 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

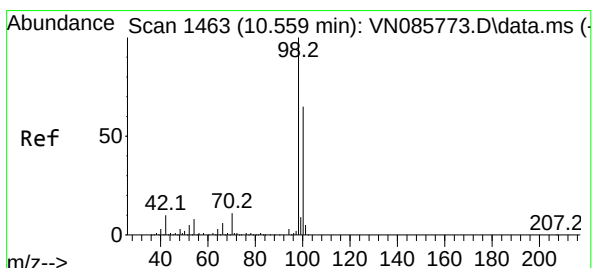
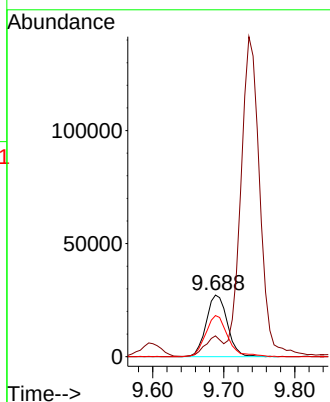
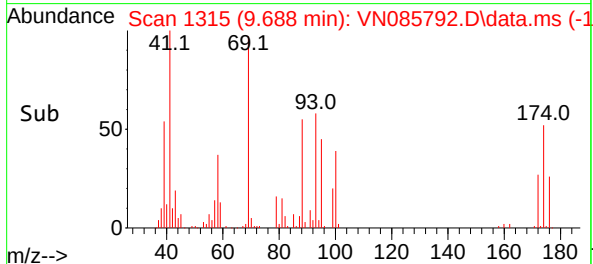
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



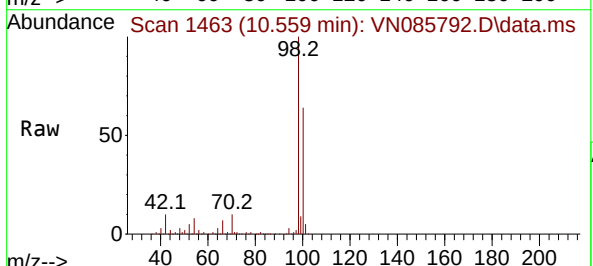
Tgt Ion: 88 Resp: 5636
Ion Ratio Lower Upper
88 100
43 26.6 18.6 27.8
58 70.3 56.7 85.1

Manual Integrations
APPROVED

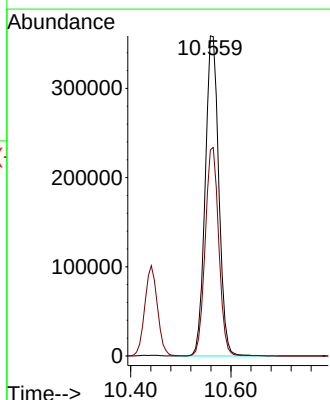
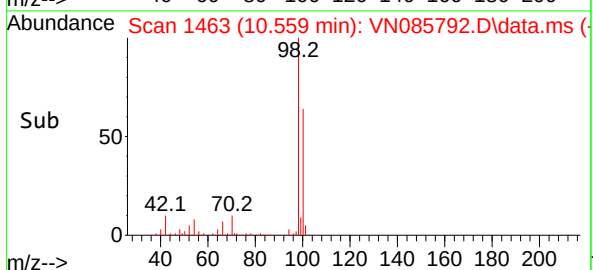
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

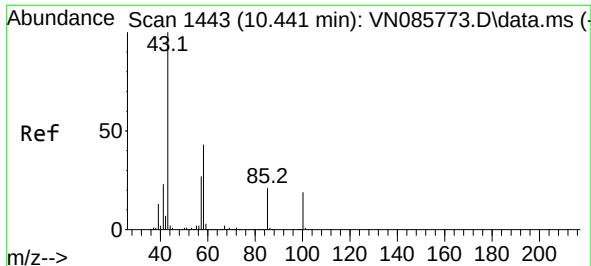


#50
Toluene-d8
Concen: 55.694 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



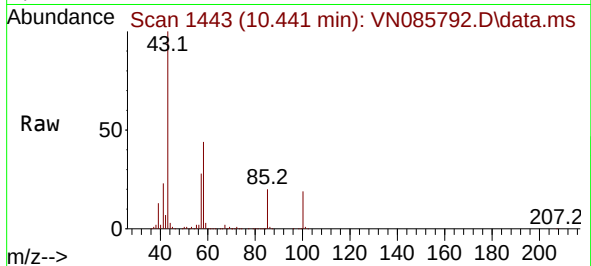
Tgt Ion: 98 Resp: 674218
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 258.644 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

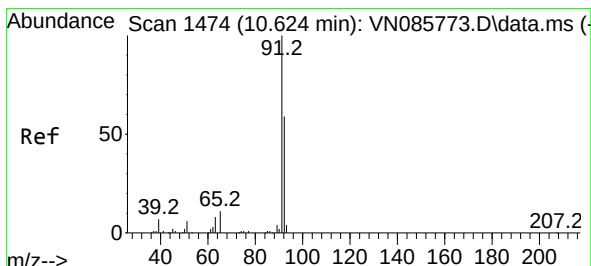
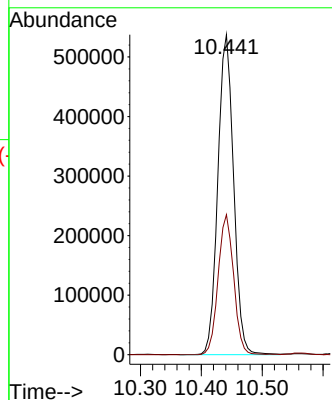
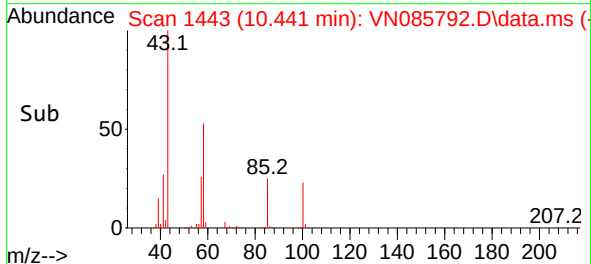
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



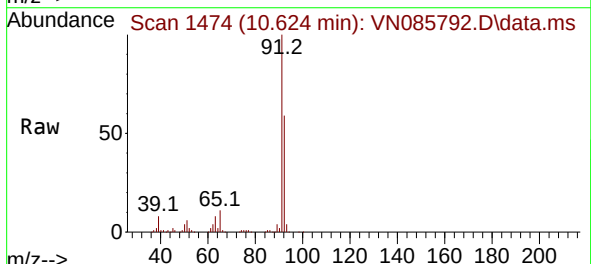
Tgt Ion: 43 Resp: 966360
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

Manual Integrations
APPROVED

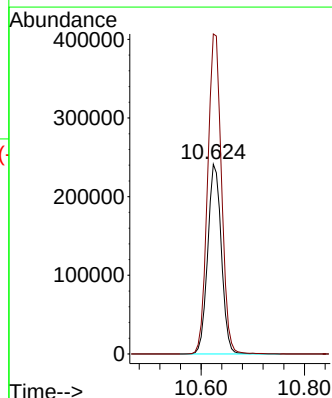
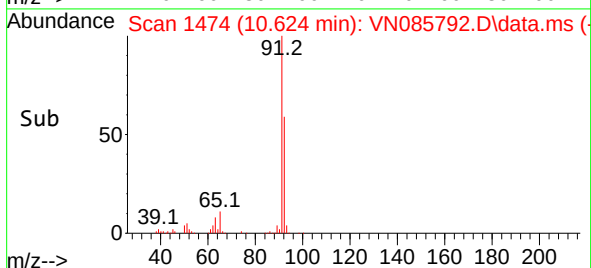
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

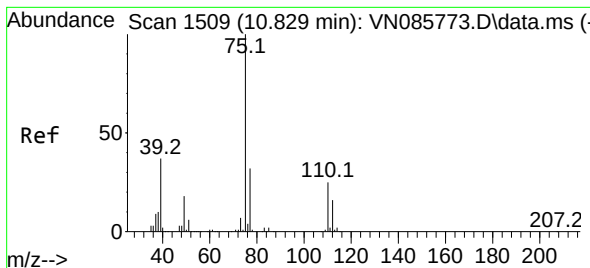


#52
Toluene
Concen: 49.882 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



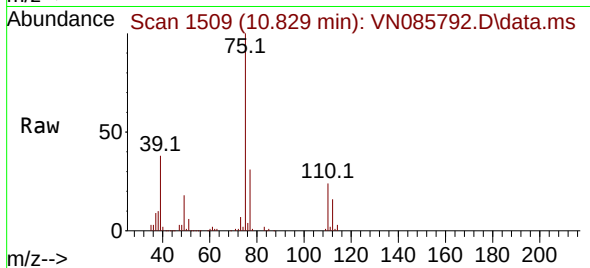
Tgt Ion: 92 Resp: 441319
Ion Ratio Lower Upper
92 100
91 171.5 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 50.474 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

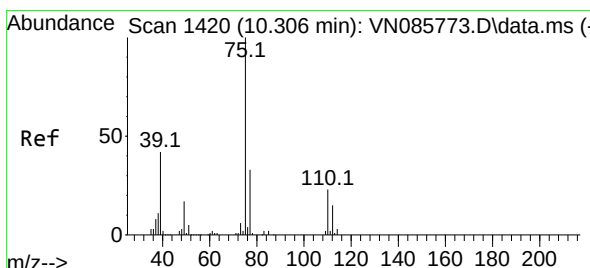
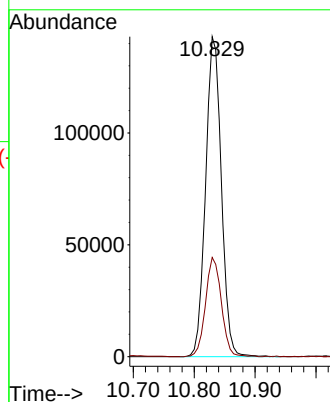
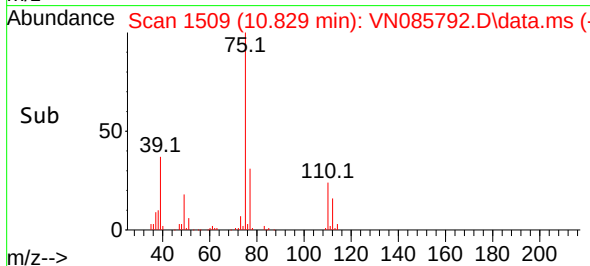
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



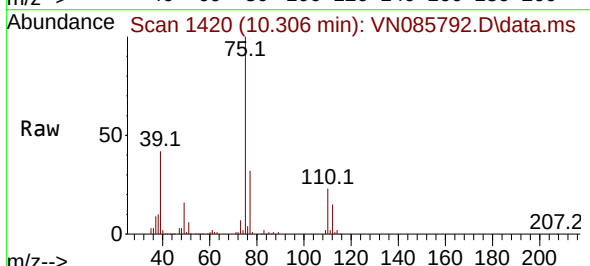
Tgt Ion: 75 Resp: 256600
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

Manual Integrations
APPROVED

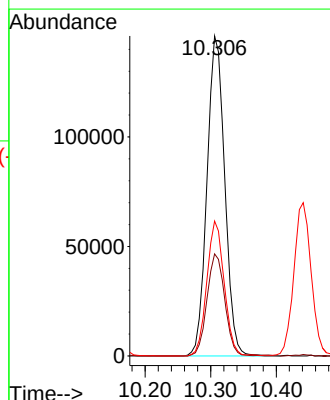
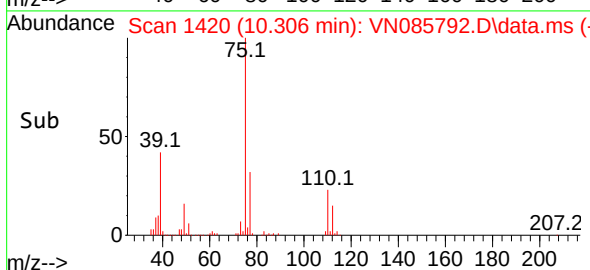
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

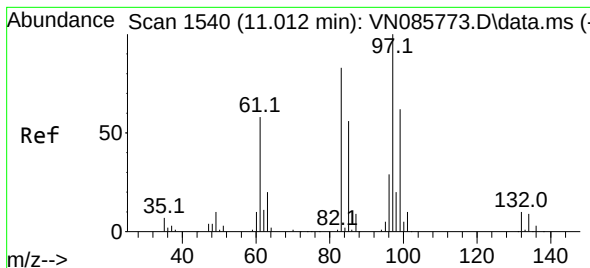


#54
cis-1,3-Dichloropropene
Concen: 49.435 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



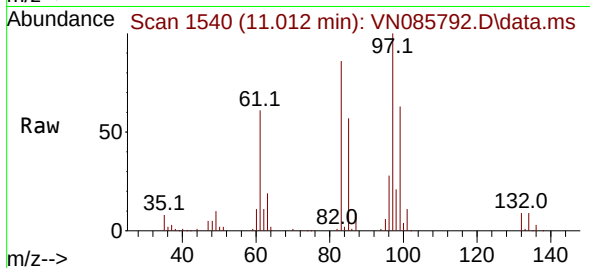
Tgt Ion: 75 Resp: 275582
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 42.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 46.742 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

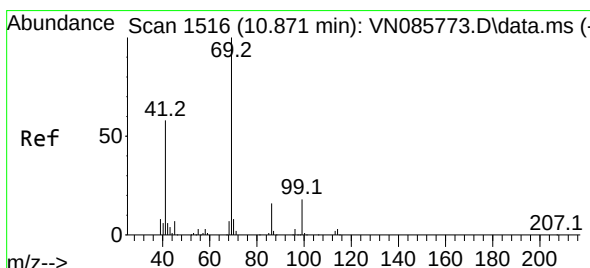
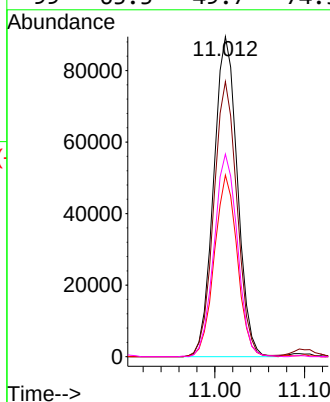
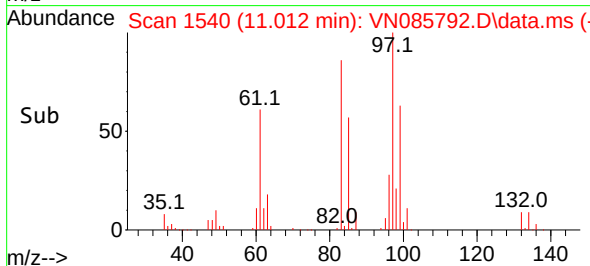


Tgt Ion: 97 Resp: 164418

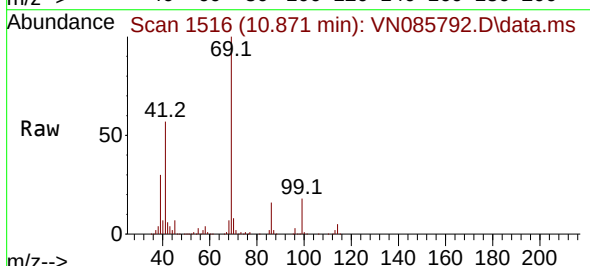
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.1	99.1
85	56.8	44.7	67.1
99	63.3	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

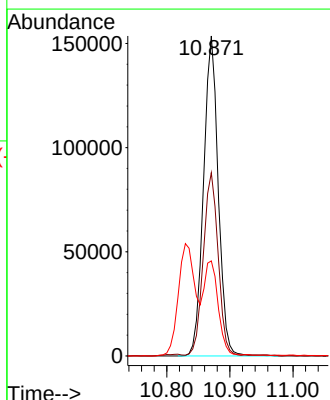
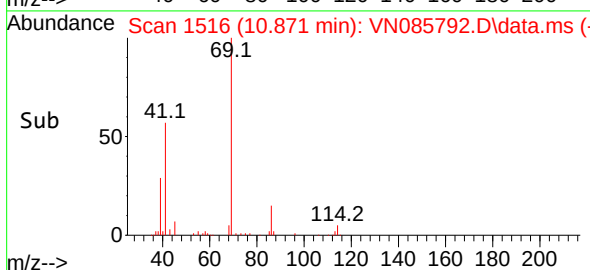


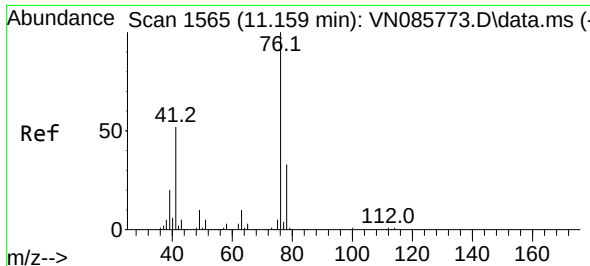
#56
Ethyl methacrylate
Concen: 49.269 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion: 69 Resp: 248737

Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.0	69.0
39	28.6	22.0	33.0





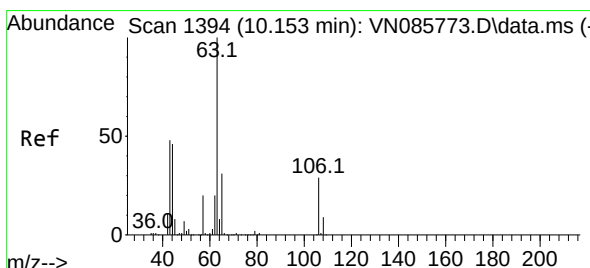
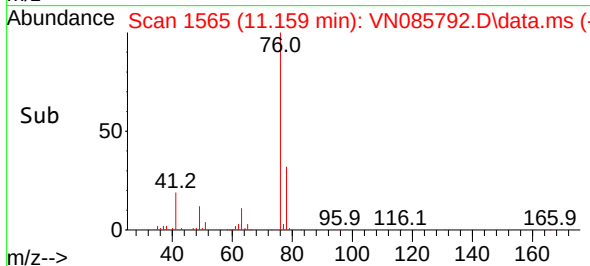
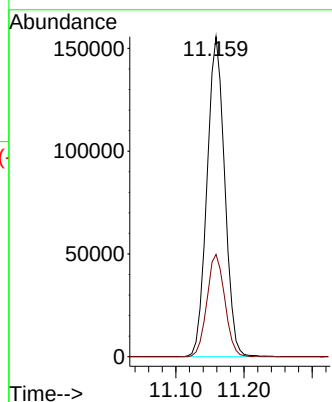
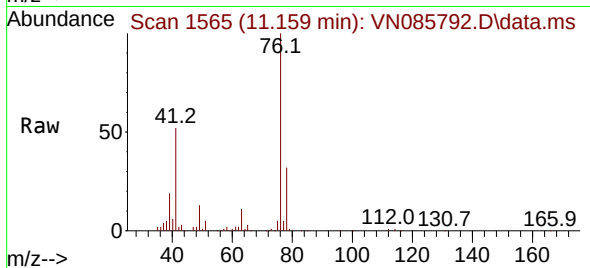
#57
1,3-Dichloropropane
Concen: 47.815 ug/l
RT: 11.159 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 280770
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

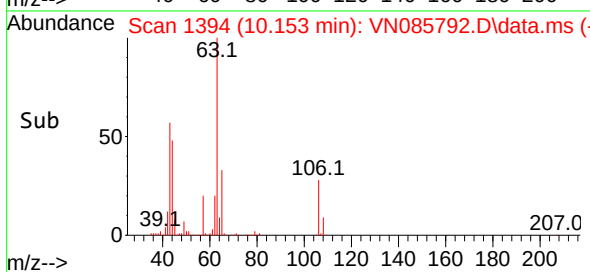
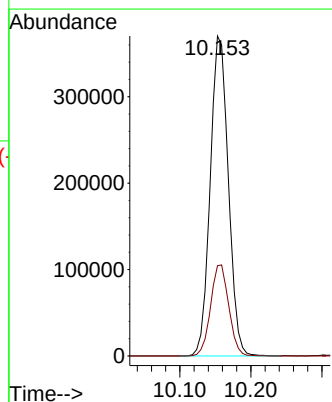
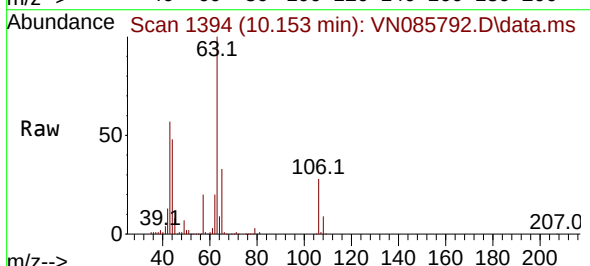
Manual Integrations
APPROVED

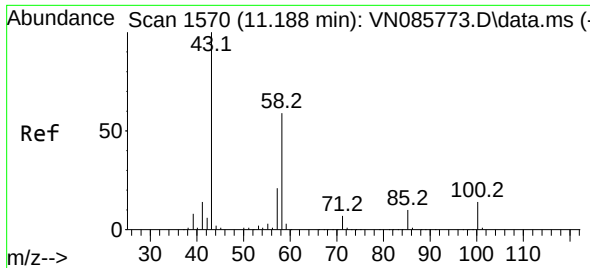
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 308.192 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

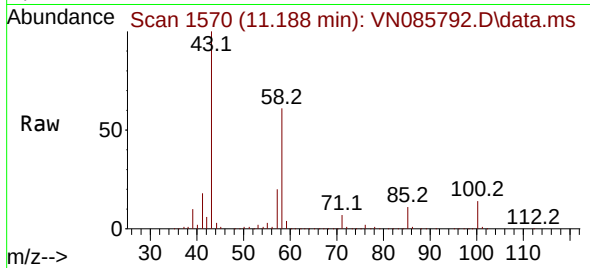
Tgt Ion: 63 Resp: 655472
Ion Ratio Lower Upper
63 100
106 28.6 22.7 34.1





#59
2-Hexanone
Concen: 276.471 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

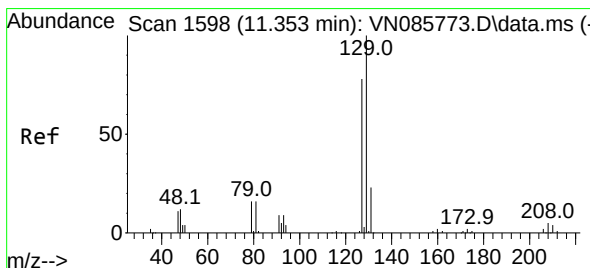
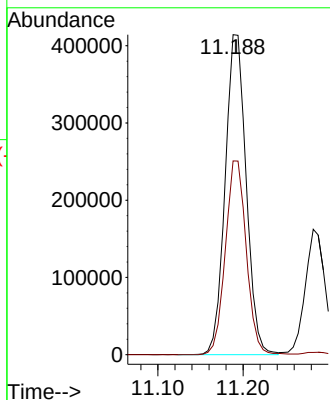
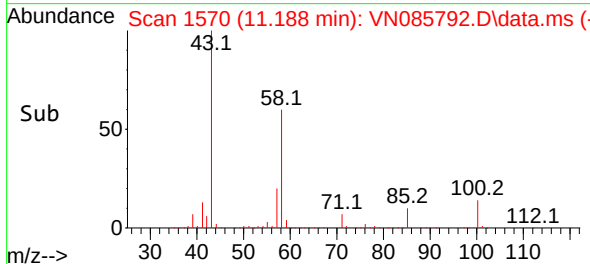
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



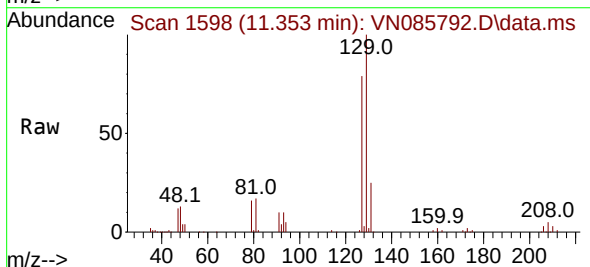
Tgt Ion: 43 Resp: 710628
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.5

Manual Integrations
APPROVED

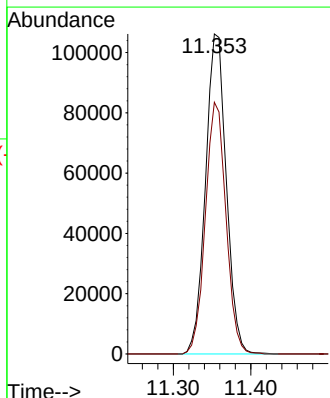
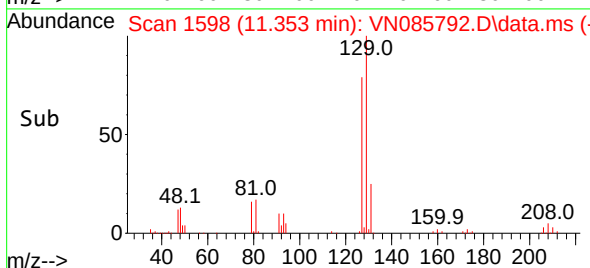
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

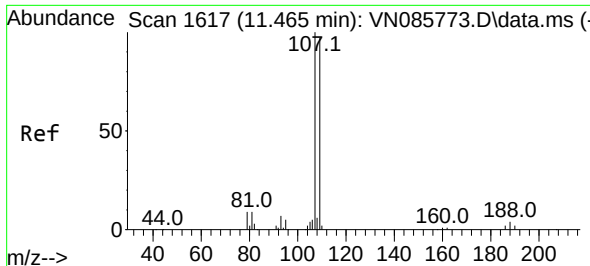


#60
Dibromochloromethane
Concen: 48.286 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



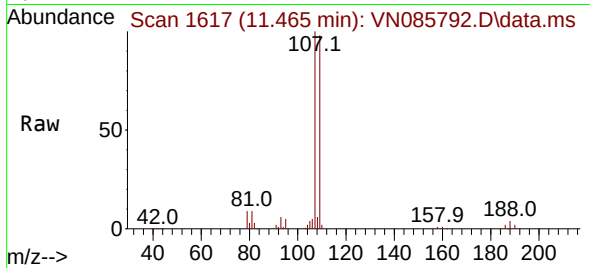
Tgt Ion:129 Resp: 197780
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#61
1,2-Dibromoethane
Concen: 48.170 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

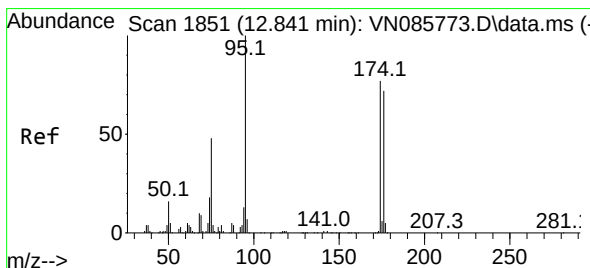
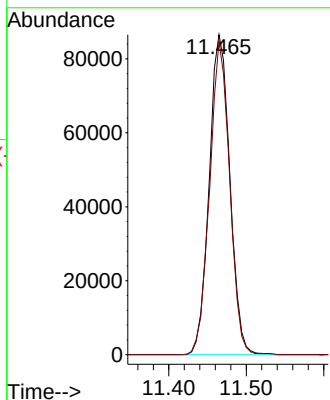
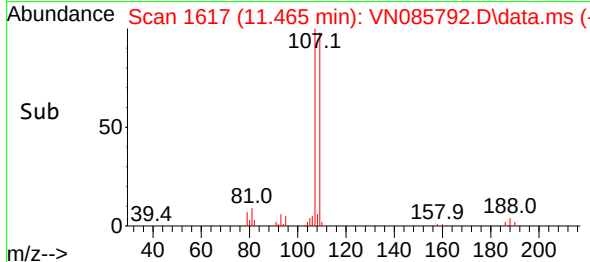
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



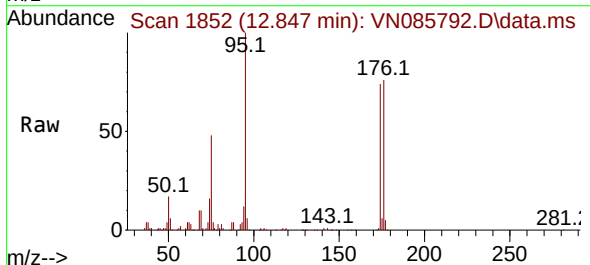
Tgt Ion:107 Resp: 16009
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

Manual Integrations
APPROVED

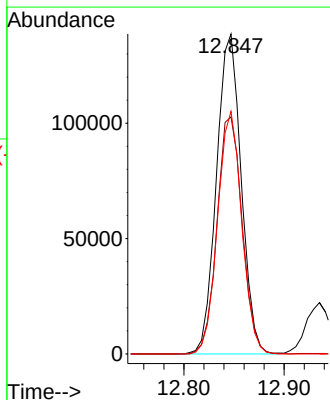
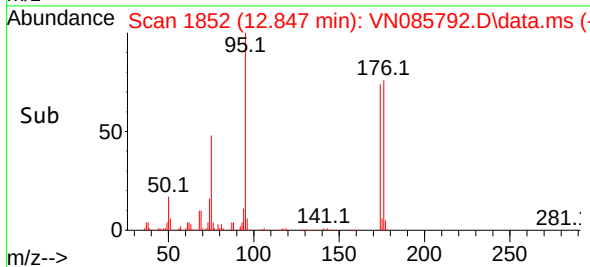
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

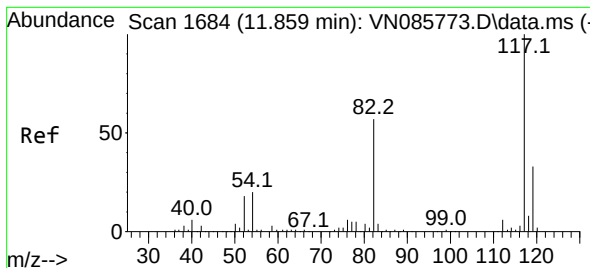


#62
4-Bromofluorobenzene
Concen: 59.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion: 95 Resp: 236610
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.4
176 73.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 45838

Ion Ratio Lower Upper

117 100

82 56.8 45.7 68.5

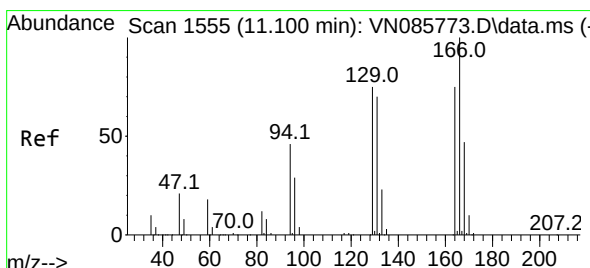
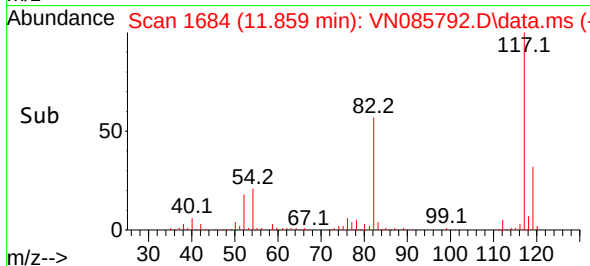
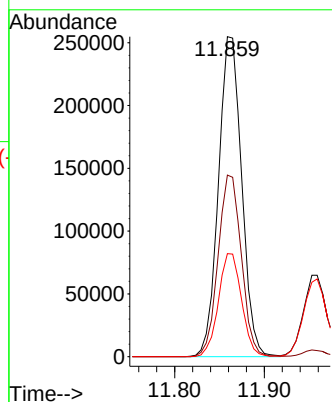
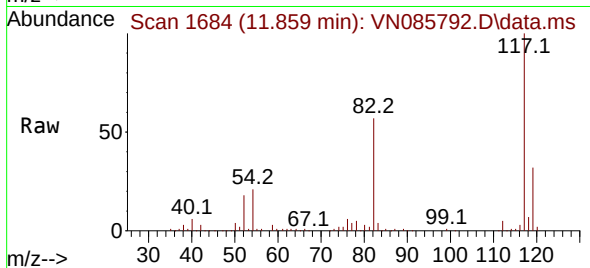
119 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#64

Tetrachloroethene

Concen: 43.550 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Tgt Ion:164 Resp: 154650

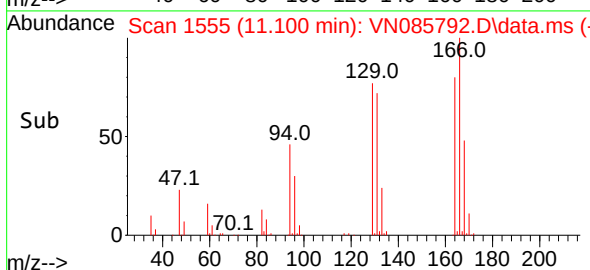
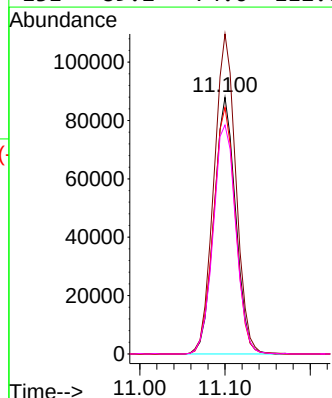
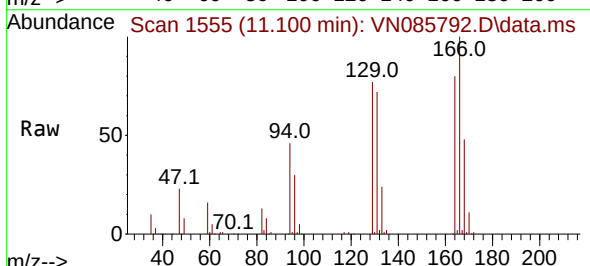
Ion Ratio Lower Upper

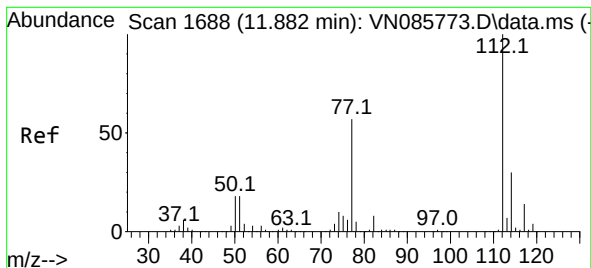
164 100

166 124.6 107.2 160.8

129 96.1 80.7 121.1

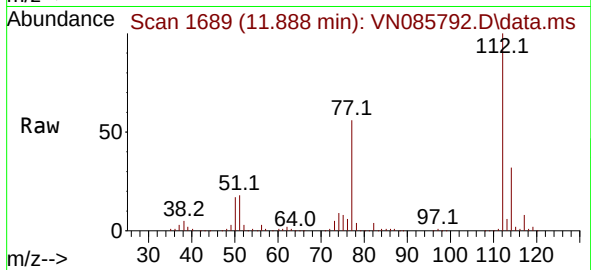
131 89.2 74.6 112.0





#65
Chlorobenzene
Concen: 45.077 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

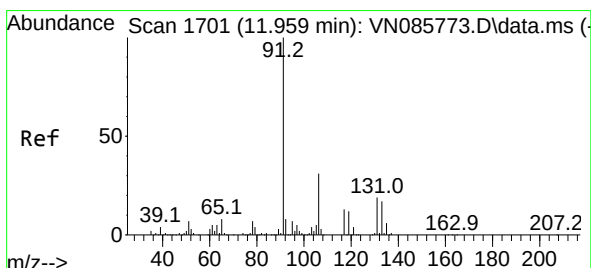
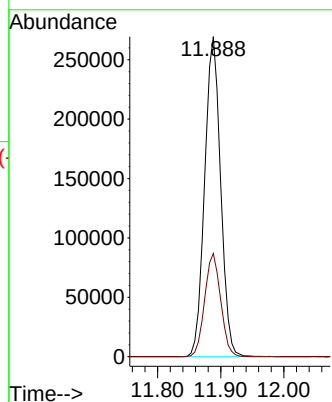
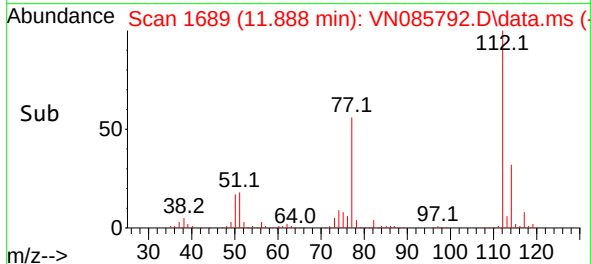
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



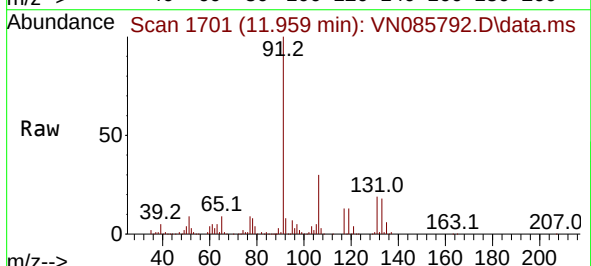
Tgt Ion:112 Resp: 473340
Ion Ratio Lower Upper
112 100
114 32.3 24.3 36.5

Manual Integrations
APPROVED

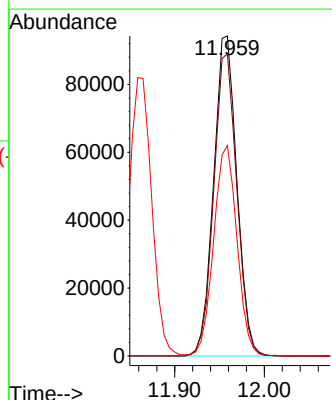
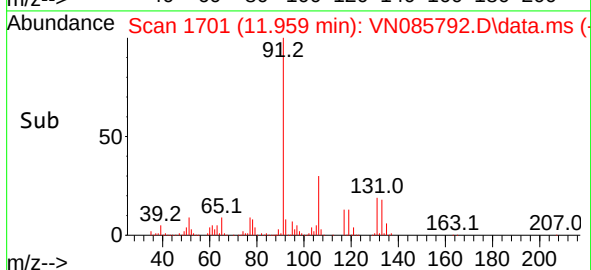
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

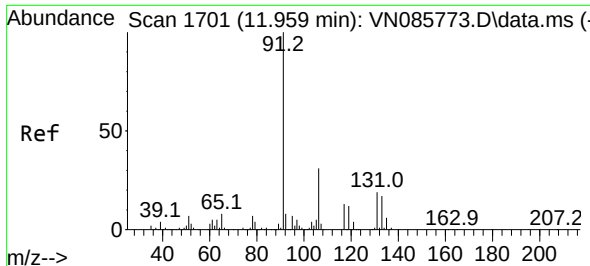


#66
1,1,1,2-Tetrachloroethane
Concen: 44.959 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



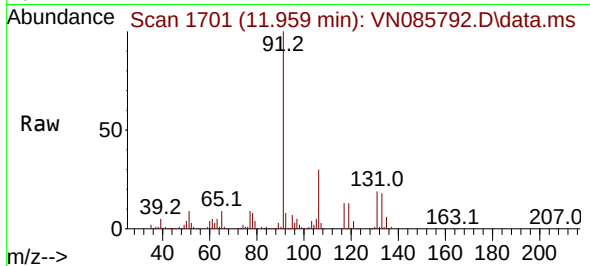
Tgt Ion:131 Resp: 169690
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 65.9 33.3 99.8





#67
Ethyl Benzene
Concen: 49.970 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

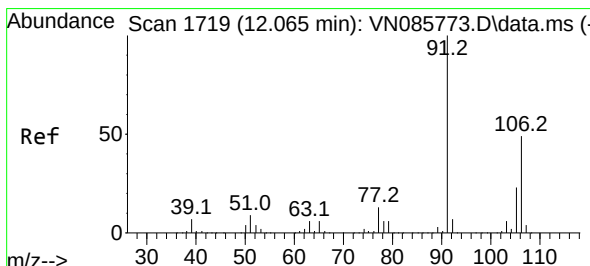
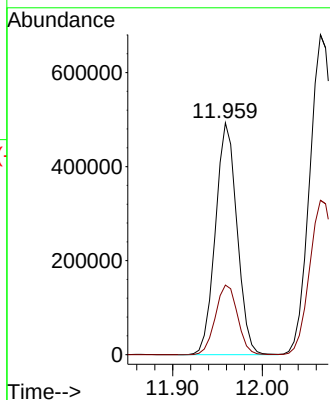
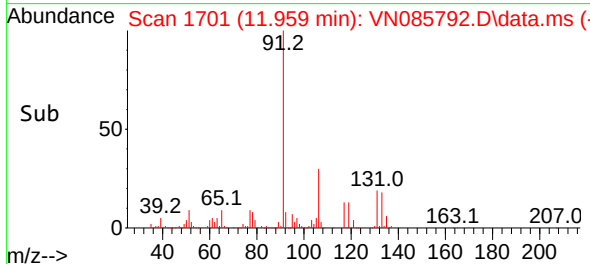
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



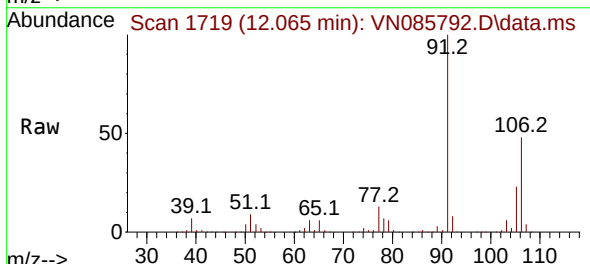
Tgt Ion: 91 Resp: 821960
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1

Manual Integrations
APPROVED

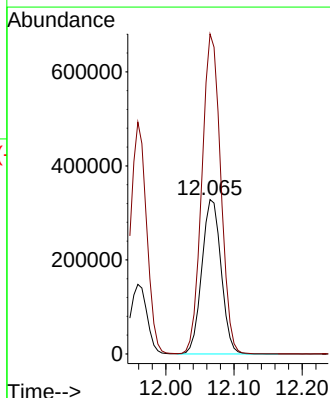
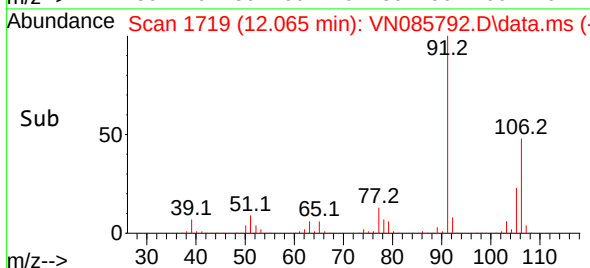
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

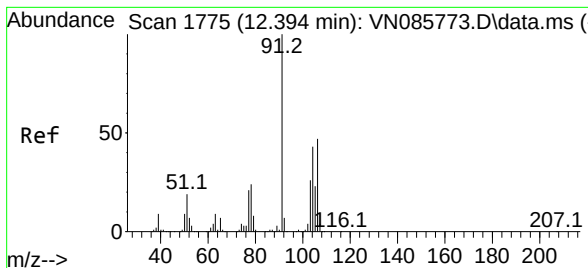


#68
m/p-Xylenes
Concen: 103.338 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



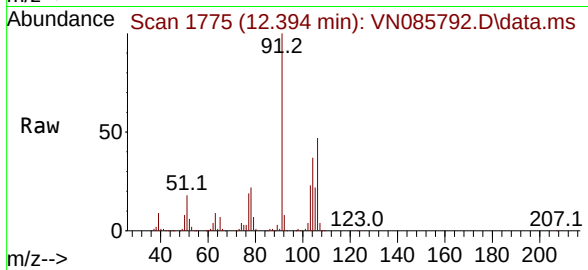
Tgt Ion:106 Resp: 645674
Ion Ratio Lower Upper
106 100
91 202.7 163.3 244.9





#69
o-Xylene
Concen: 51.340 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

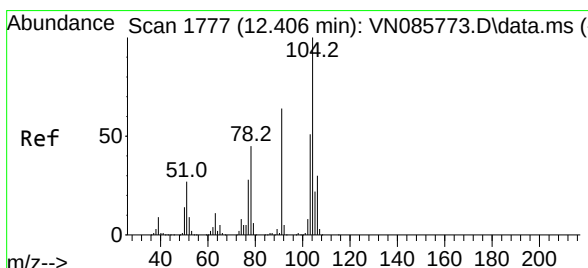
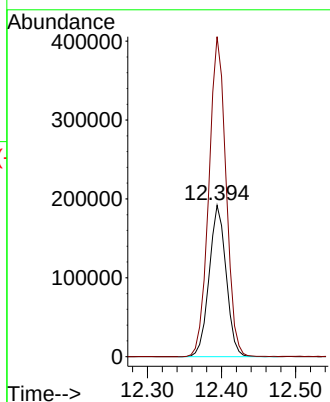
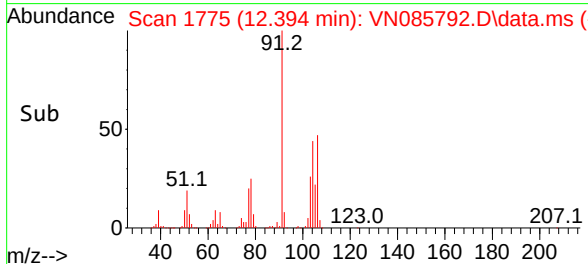
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



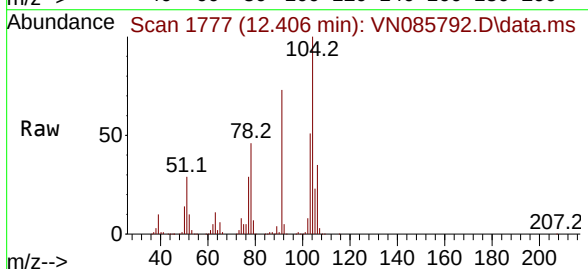
Tgt Ion:106 Resp: 304825
Ion Ratio Lower Upper
106 100
91 214.3 107.1 321.4

Manual Integrations
APPROVED

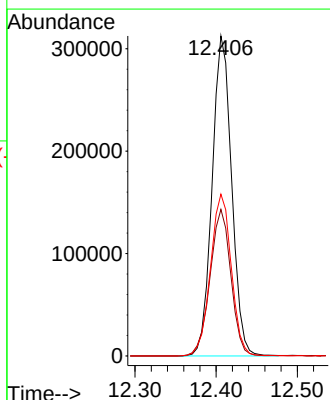
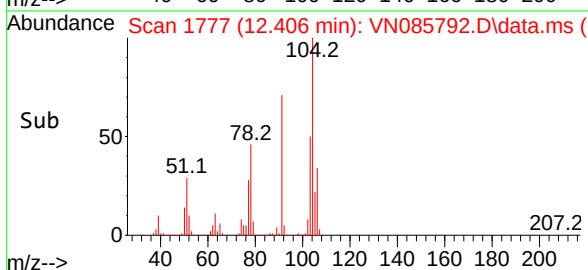
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

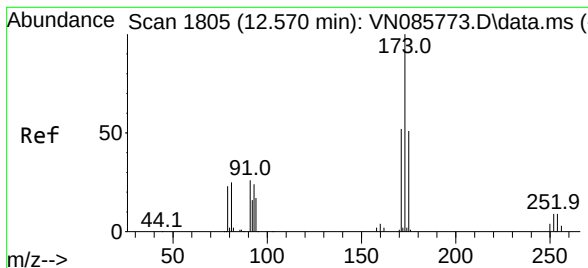


#70
Styrene
Concen: 47.549 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



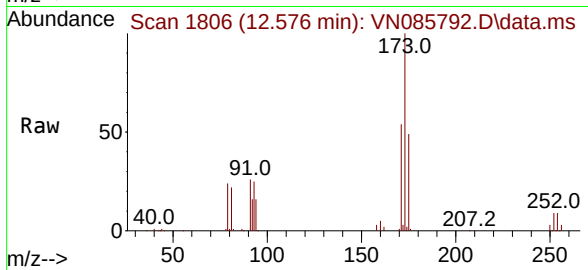
Tgt Ion:104 Resp: 522609
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.1 43.3 64.9





#71
Bromoform
Concen: 47.464 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

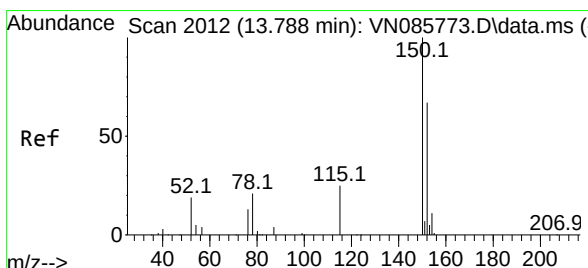
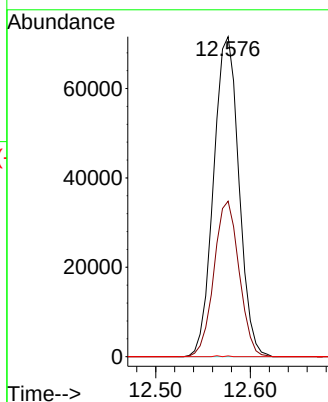
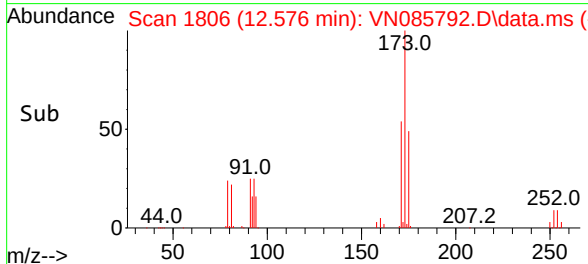
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



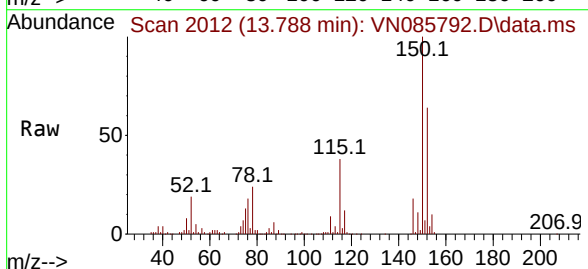
Tgt Ion:173 Resp: 133117
Ion Ratio Lower Upper
173 100
175 48.3 25.1 75.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

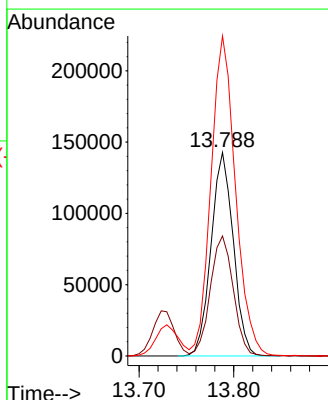
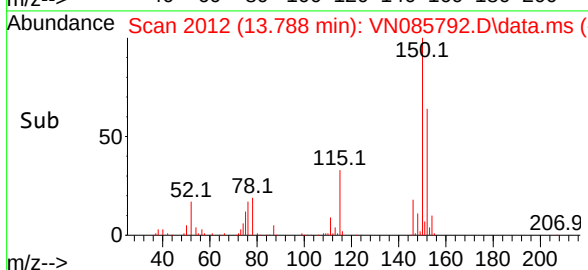
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

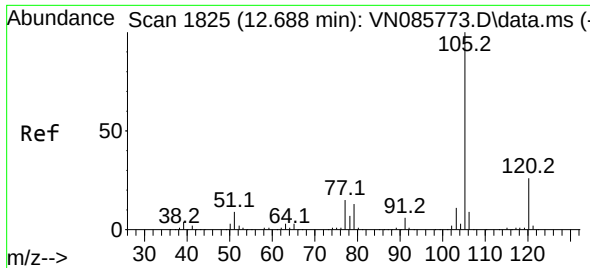


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion:152 Resp: 232482
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 173.6 0.0 345.4





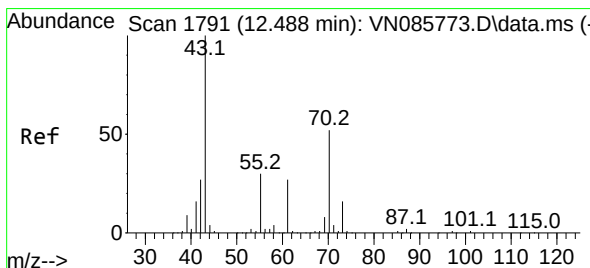
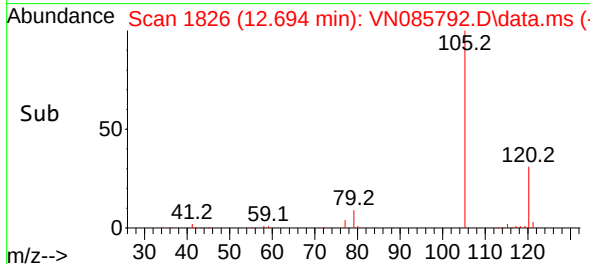
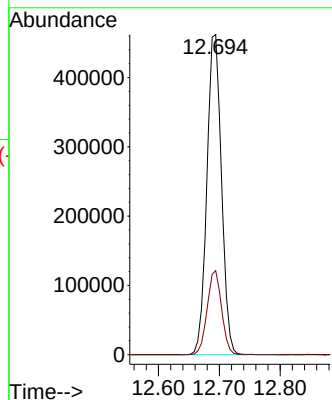
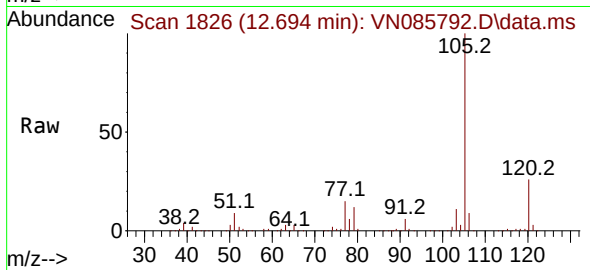
#73
Isopropylbenzene
Concen: 48.243 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 768379
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

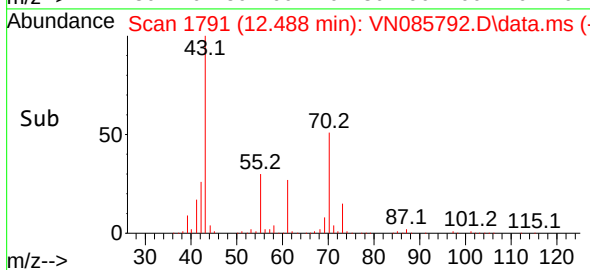
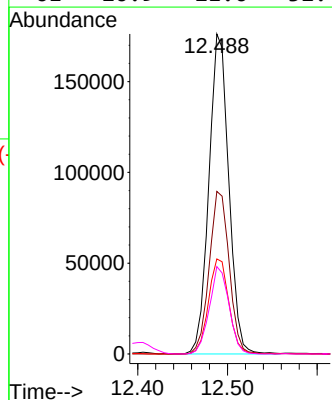
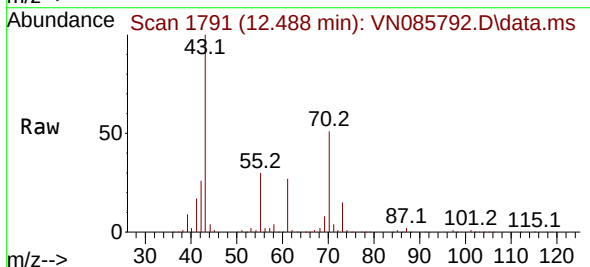
Manual Integrations
APPROVED

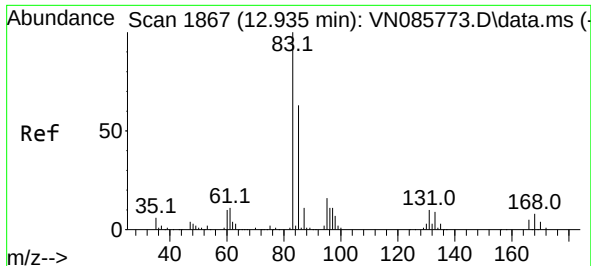
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#74
N-ethyl acetate
Concen: 48.207 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

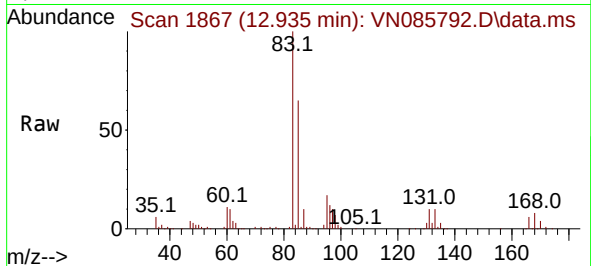
Tgt Ion: 43 Resp: 270762
Ion Ratio Lower Upper
43 100
70 51.1 41.0 61.4
55 30.4 24.6 36.8
61 26.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 41.964 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

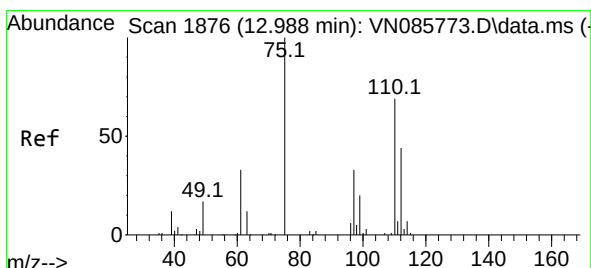
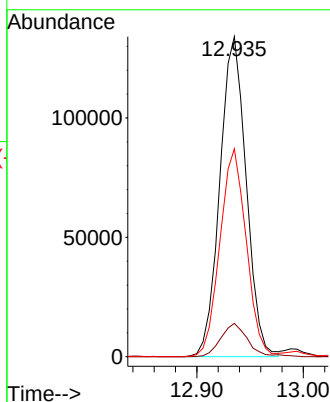
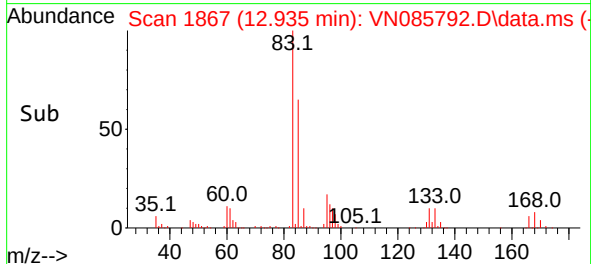
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 22999
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.0 32.2 96.6

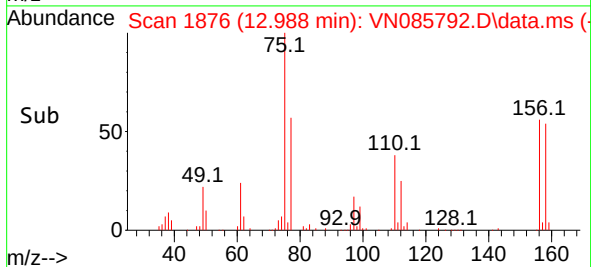
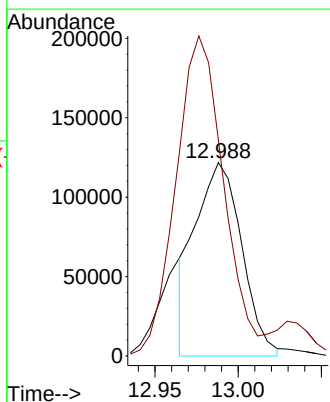
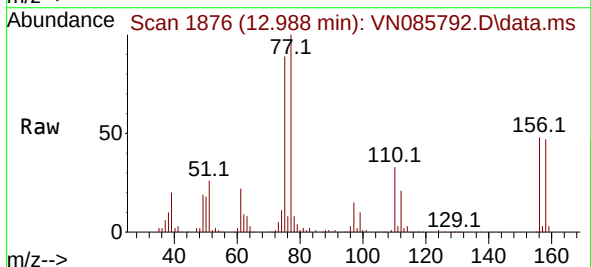
Manual Integrations
APPROVED

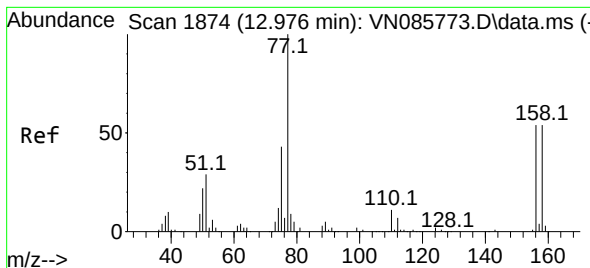
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#76
1,2,3-Trichloropropane
Concen: 45.728 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Tgt Ion: 75 Resp: 236151
Ion Ratio Lower Upper
75 100
77 171.6 100.0 300.0





#77

Bromobenzene

Concen: 44.367 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

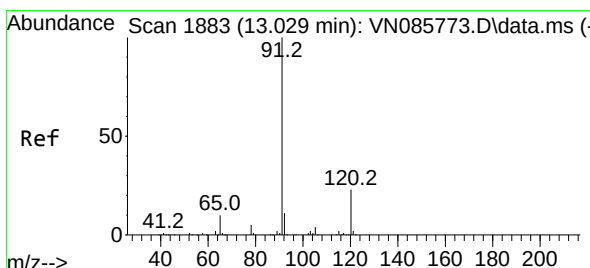
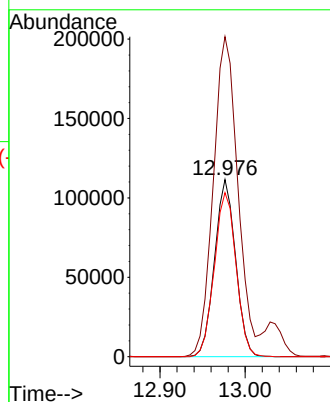
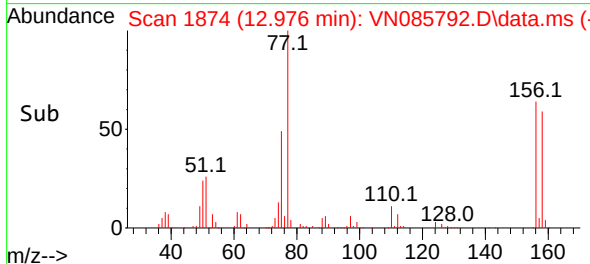
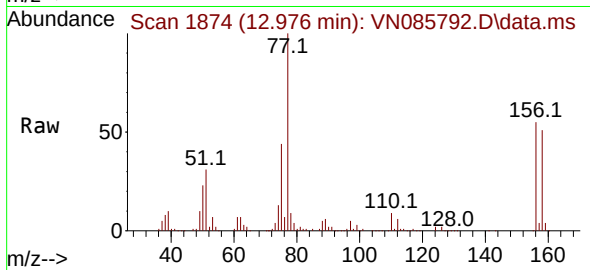
Tgt Ion:156 Resp: 190912
 Ion Ratio Lower Upper
 156 100
 77 212.3 104.1 312.3
 158 95.8 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#78

n-propylbenzene

Concen: 49.811 ug/l

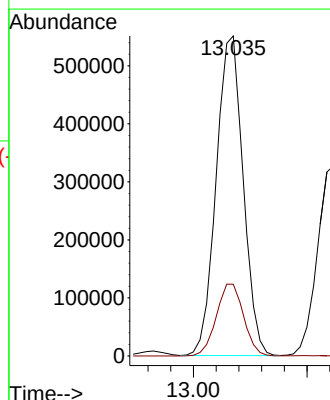
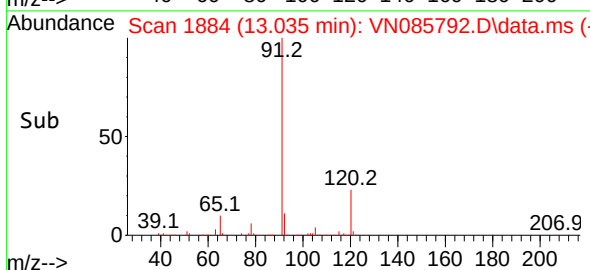
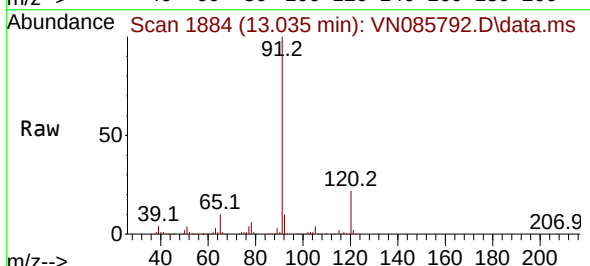
RT: 13.035 min Scan# 1884

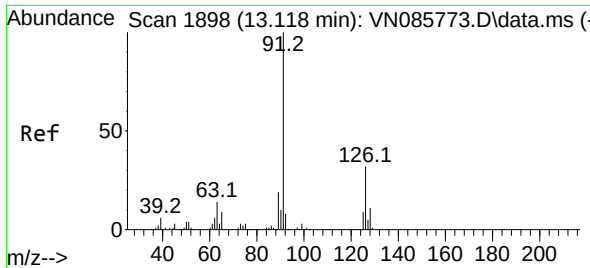
Delta R.T. 0.006 min

Lab File: VN085792.D

Acq: 19 Feb 2025 15:58

Tgt Ion: 91 Resp: 908575
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.3 33.8





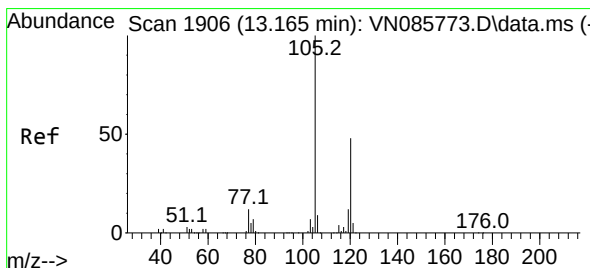
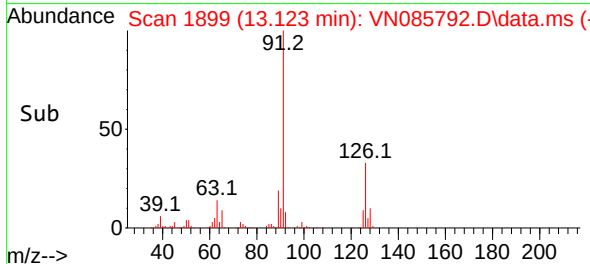
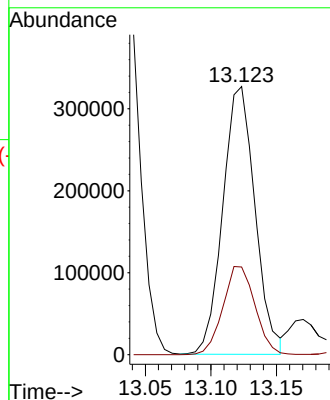
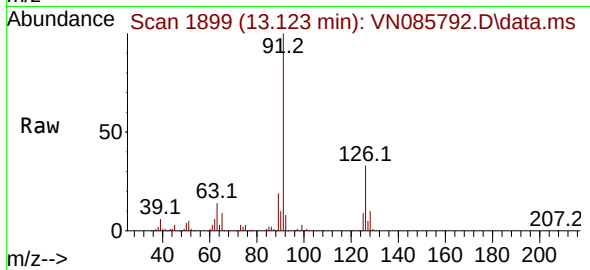
#79
2-Chlorotoluene
Concen: 45.836 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 55861
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

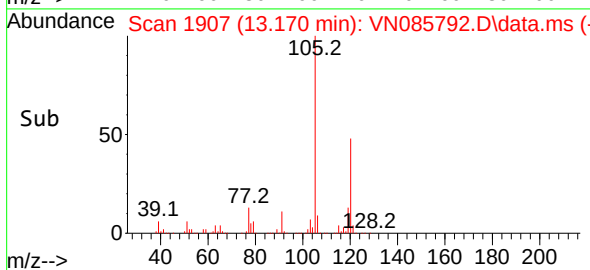
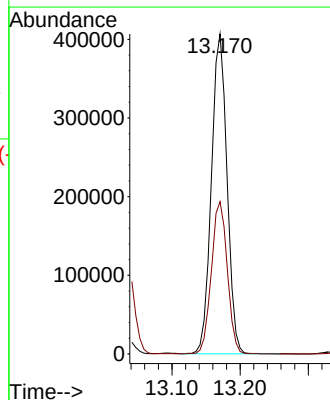
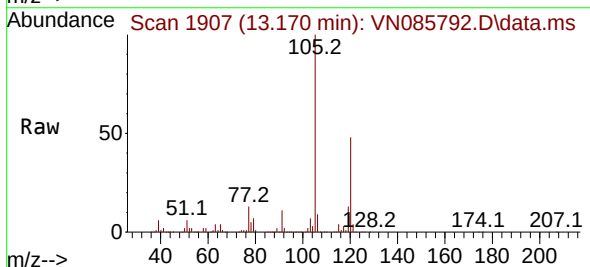
Manual Integrations
APPROVED

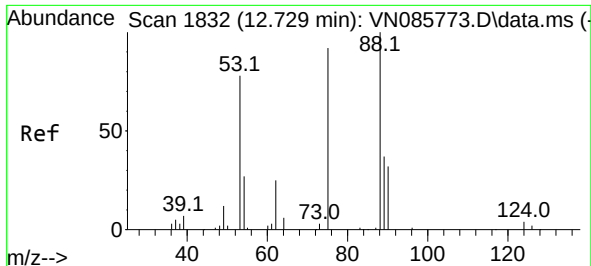
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.976 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

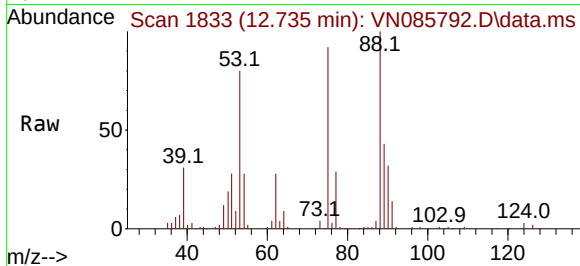
Tgt Ion:105 Resp: 648399
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 46.838 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

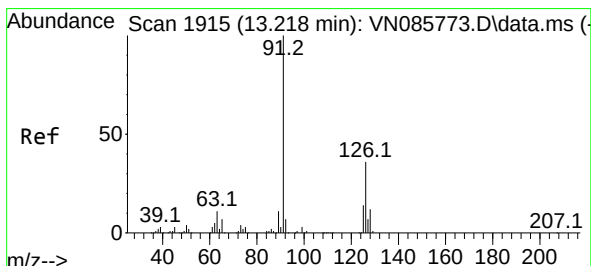
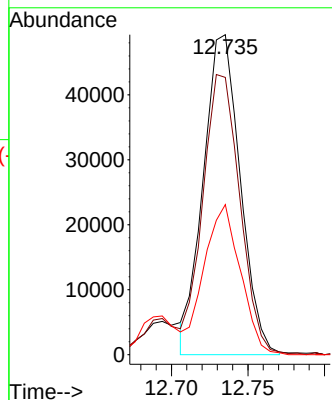
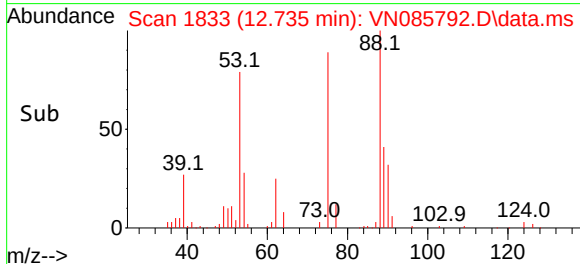
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



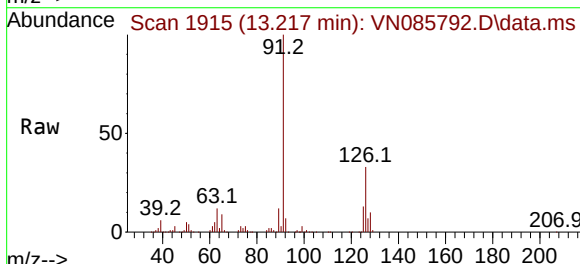
Tgt Ion: 75 Resp: 82899
Ion Ratio Lower Upper
75 100
53 87.9 74.2 111.4
89 46.4 34.9 52.3

Manual Integrations
APPROVED

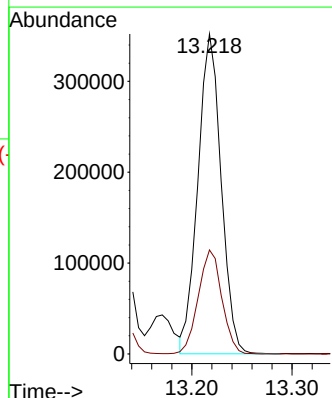
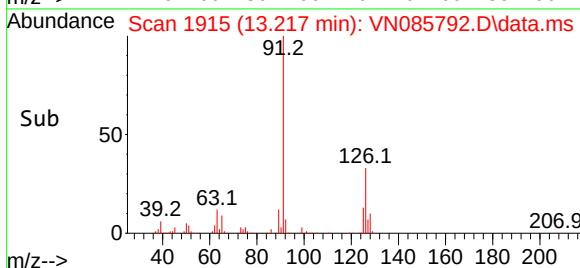
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

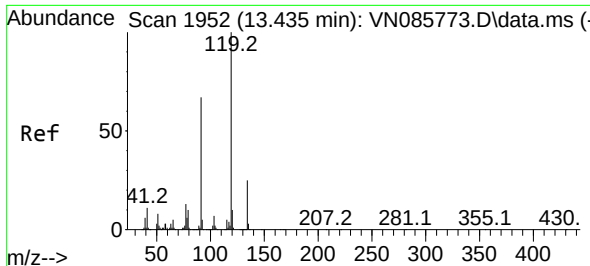


#82
4-Chlorotoluene
Concen: 46.957 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



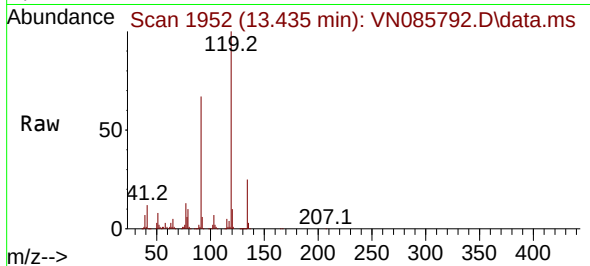
Tgt Ion: 91 Resp: 567337
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 49.436 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

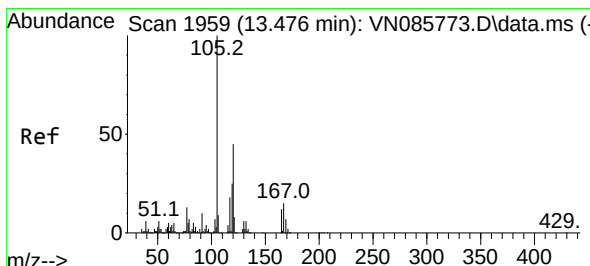
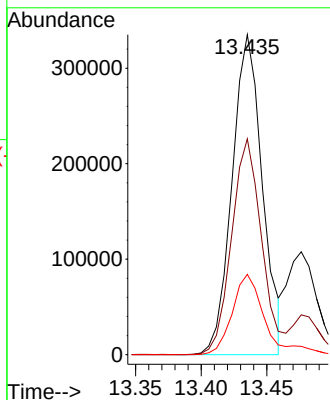
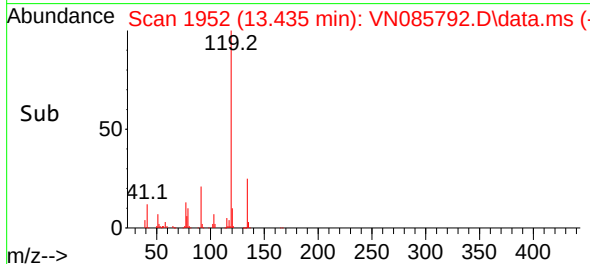
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



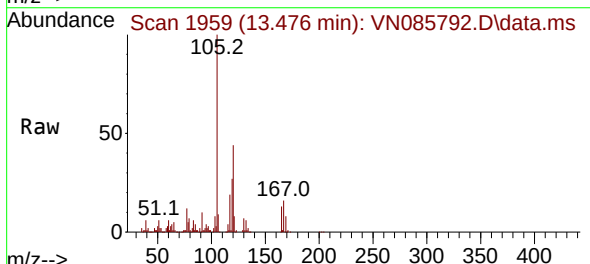
Tgt Ion:119 Resp: 539361
 Ion Ratio Lower Upper
 119 100
 91 67.1 32.5 97.5
 134 27.0 13.3 39.9

Manual Integrations
 APPROVED

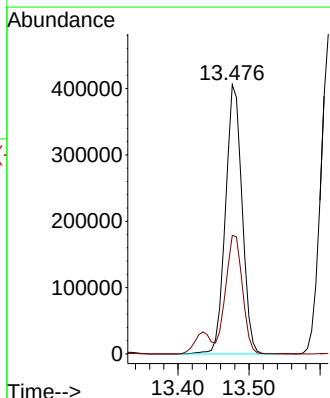
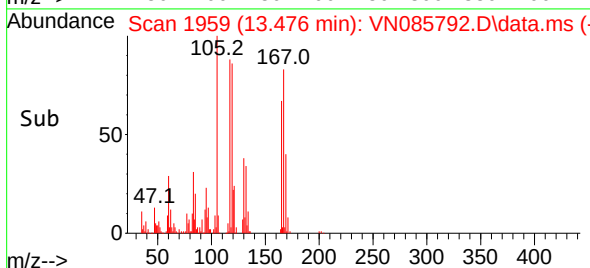
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

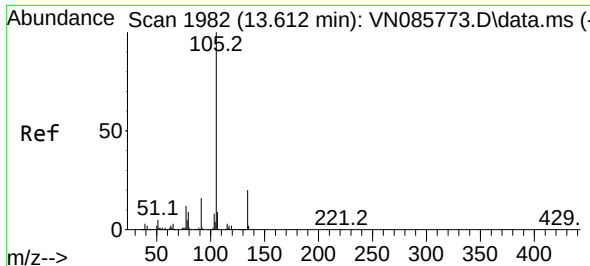


#84
 1,2,4-Trimethylbenzene
 Concen: 51.289 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58



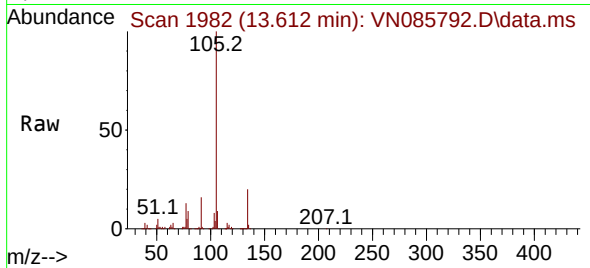
Tgt Ion:105 Resp: 658361
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.936 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

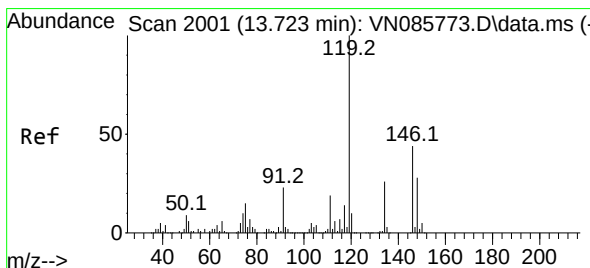
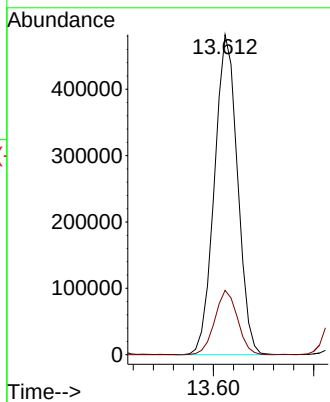
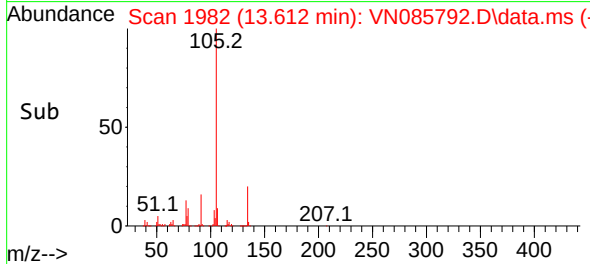
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 769769
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

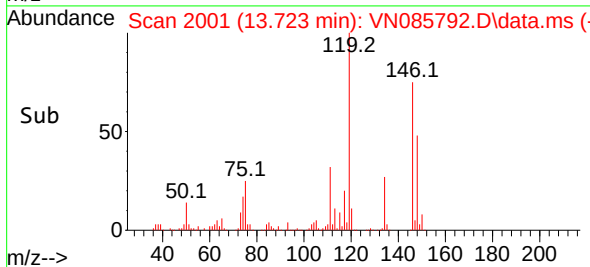
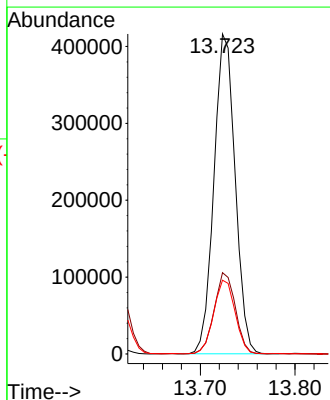
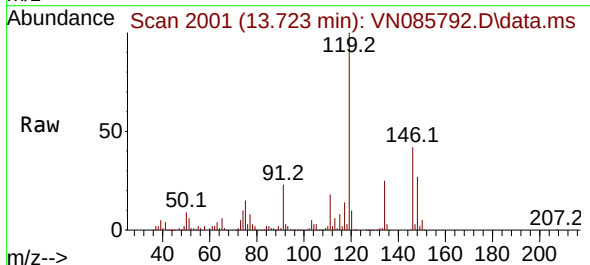
Manual Integrations
 APPROVED

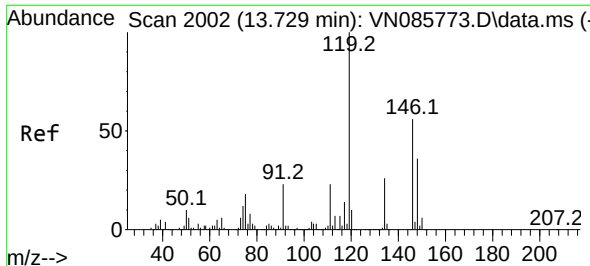
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#86
 p-Isopropyltoluene
 Concen: 46.109 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

Tgt Ion:119 Resp: 646548
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 23.4 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 43.726 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

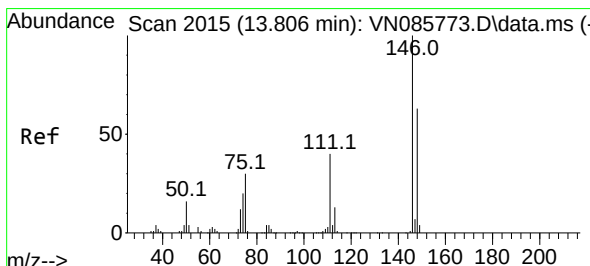
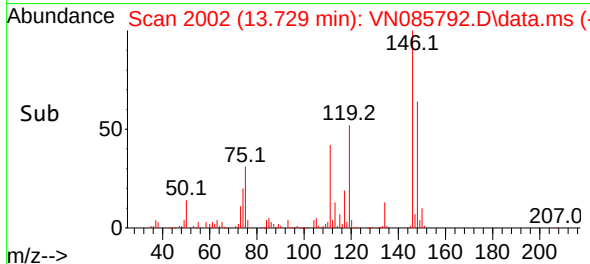
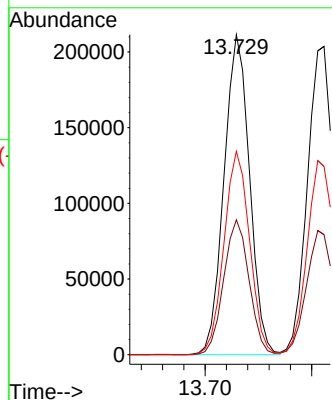
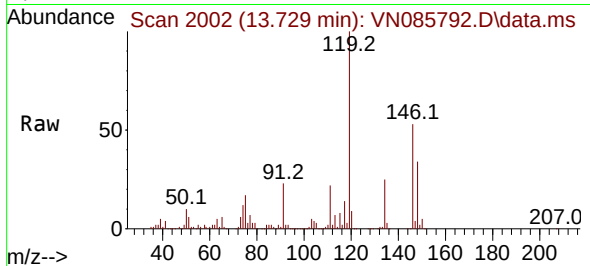
VSTDCCC050EC

Tgt Ion:146 Resp: 35251
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.3
 148 63.8 32.1 96.5

Manual Integrations

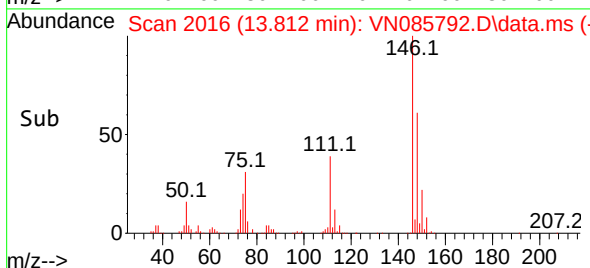
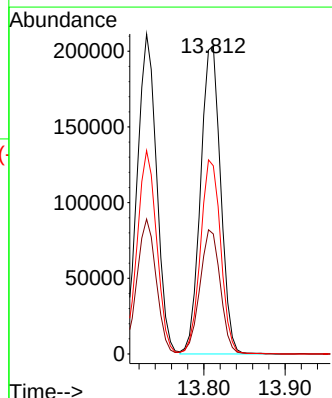
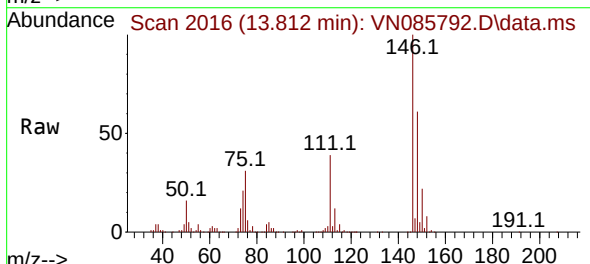
APPROVED

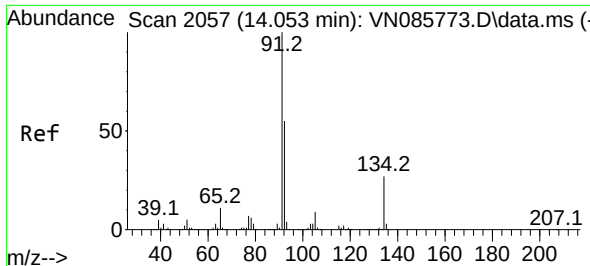
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025



#88
 1,4-Dichlorobenzene
 Concen: 42.308 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085792.D
 Acq: 19 Feb 2025 15:58

Tgt Ion:146 Resp: 349584
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 49.591 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

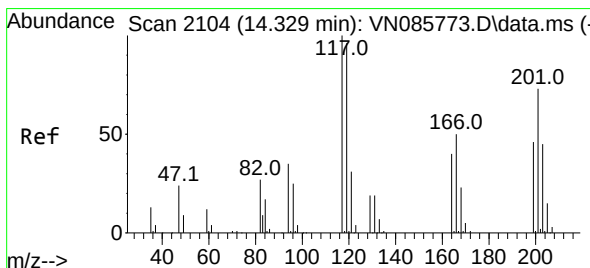
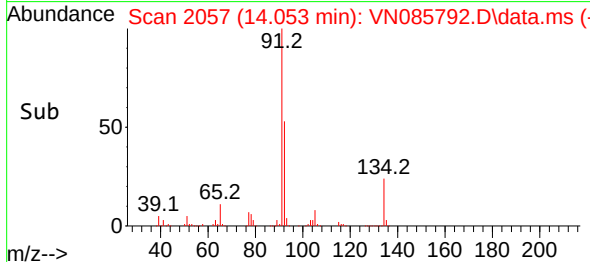
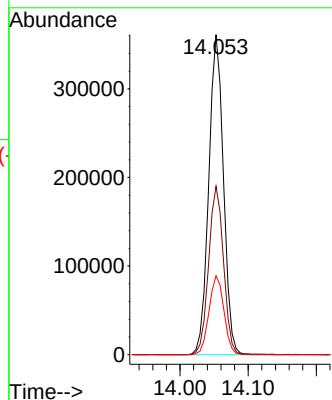
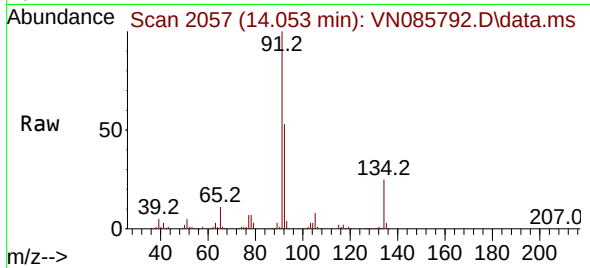
VSTDCCC050EC

Tgt Ion: 91 Resp: 54275
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.3
134 24.9 12.7 38.1

Manual Integrations

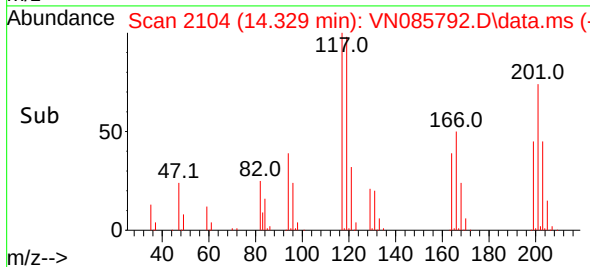
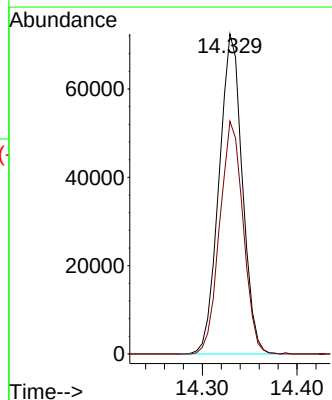
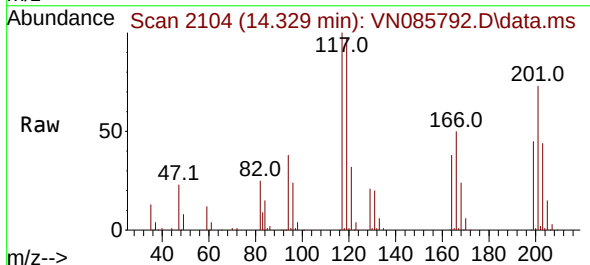
APPROVED

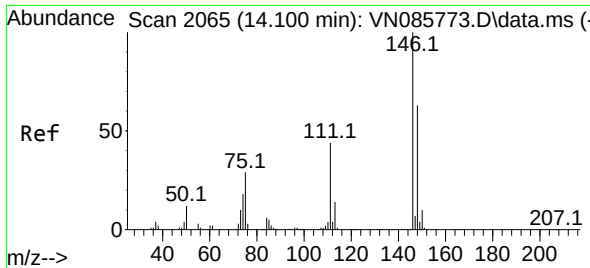
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#90
Hexachloroethane
Concen: 42.457 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

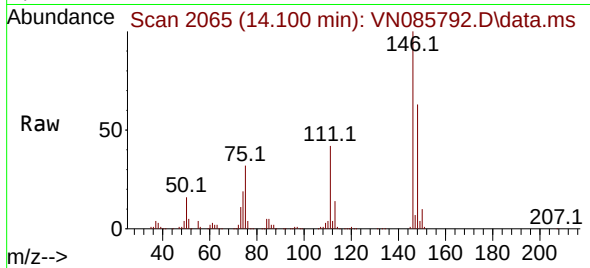
Tgt Ion:117 Resp: 123948
Ion Ratio Lower Upper
117 100
201 73.1 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 43.880 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

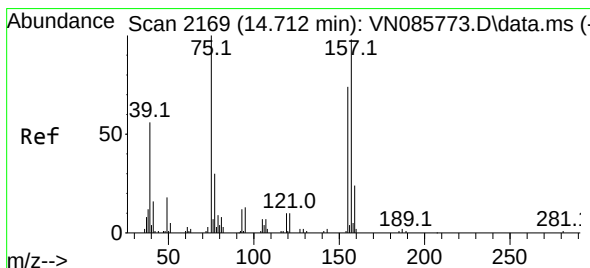
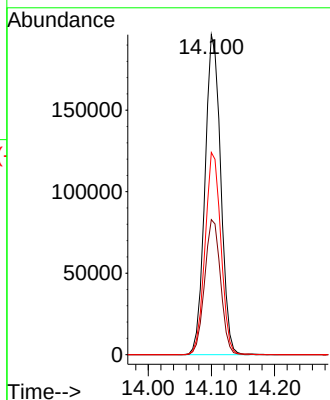
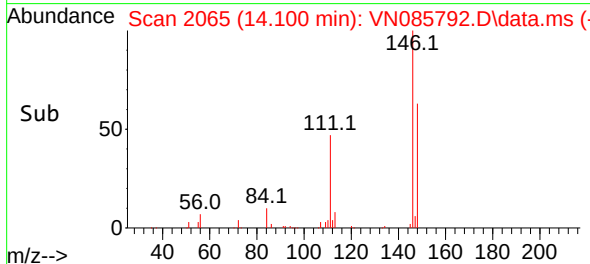
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



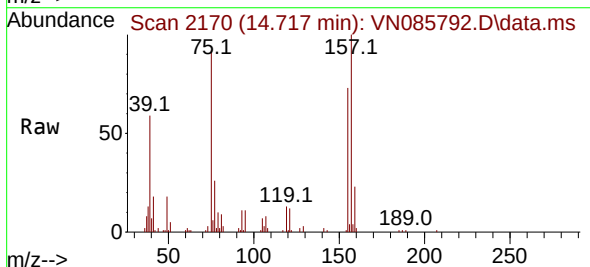
Tgt Ion:146 Resp: 340178
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.4 32.0 96.2

Manual Integrations
APPROVED

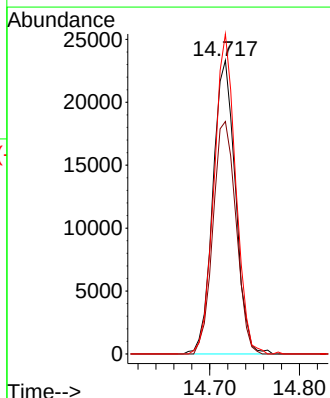
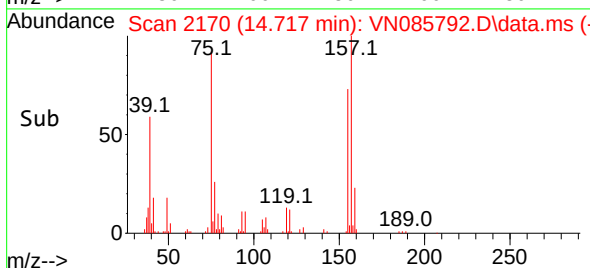
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

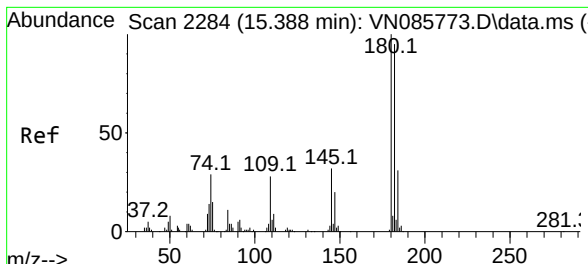


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.398 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



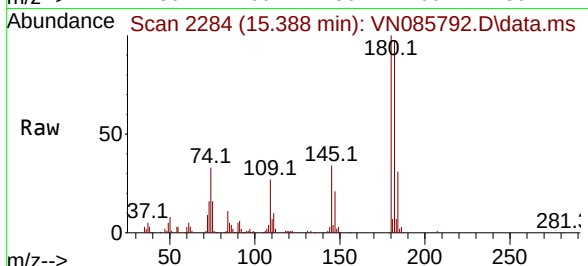
Tgt Ion: 75 Resp: 40657
Ion Ratio Lower Upper
75 100
155 81.1 39.9 119.6
157 104.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 45.512 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

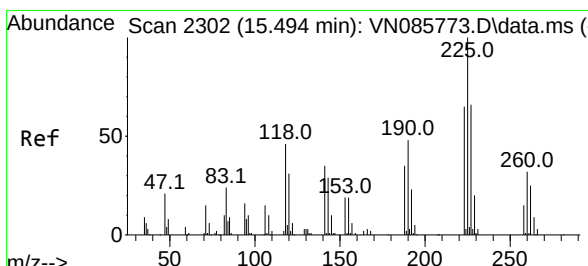
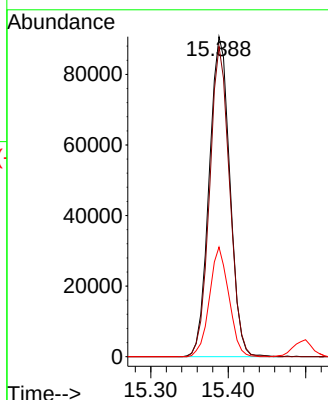
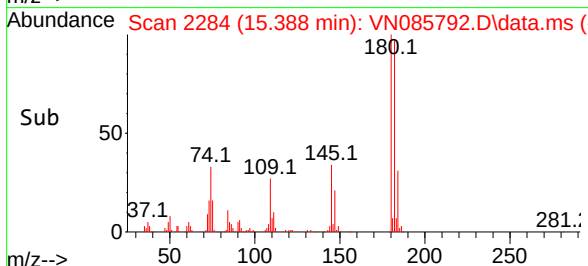
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



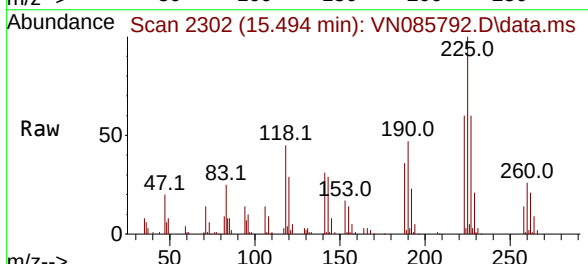
Tgt Ion:180 Resp: 168128
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.9
145 32.1 16.2 48.5

Manual Integrations
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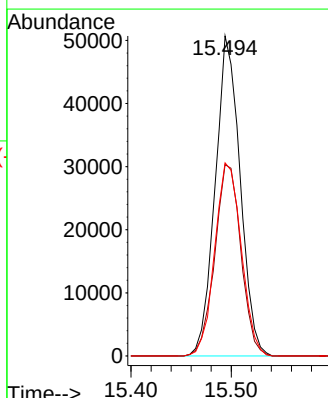
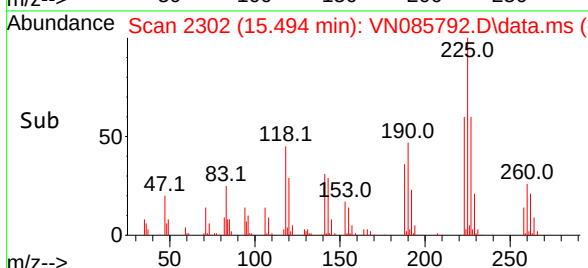
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

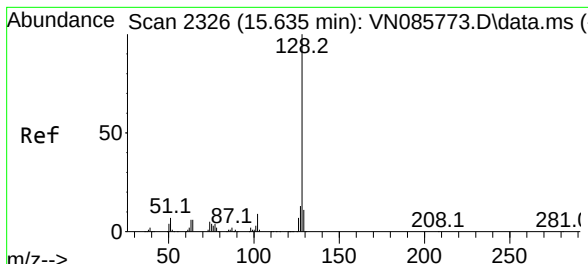


#94
Hexachlorobutadiene
Concen: 38.992 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



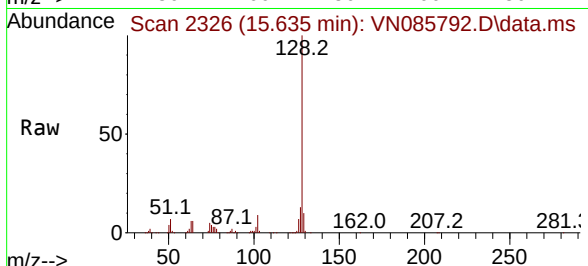
Tgt Ion:225 Resp: 87539
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.5
227 64.1 32.2 96.6





#95
Naphthalene
Concen: 45.979 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58

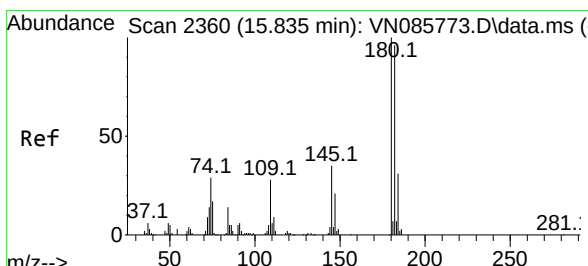
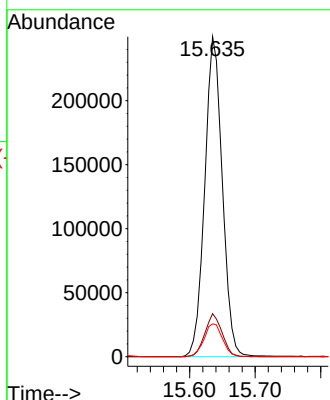
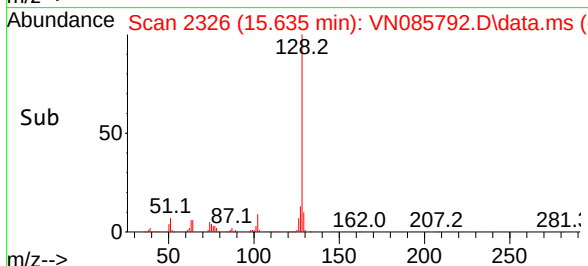
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



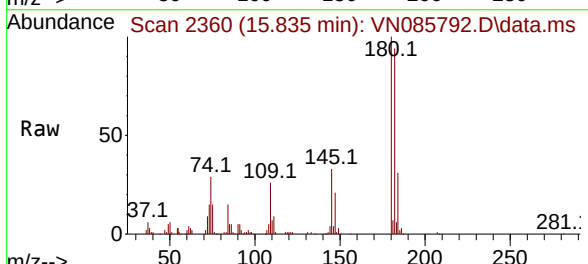
Tgt Ion:128 Resp: 466312
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.697 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085792.D
Acq: 19 Feb 2025 15:58



Tgt Ion:180 Resp: 158346
Ion Ratio Lower Upper
180 100
182 97.0 47.3 141.8
145 34.4 16.9 50.6

