

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085965.D
 Acq On : 12 Mar 2025 17:18
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 01:40:24 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	168291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106438	48.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.560%		
35) Dibromofluoromethane	8.165	113	89862	50.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.480%		
50) Toluene-d8	10.565	98	314806	48.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.847	95	110393	51.485	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42275	18.468	ug/l	98
3) Chloromethane	2.359	50	38186	16.624	ug/l	99
4) Vinyl Chloride	2.512	62	38055	15.647	ug/l	100
5) Bromomethane	2.959	94	24116	15.508	ug/l	89
6) Chloroethane	3.118	64	23295	14.460	ug/l	94
7) Trichlorofluoromethane	3.500	101	65804	18.688	ug/l	96
8) Diethyl Ether	3.959	74	19289	16.930	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	35631	17.505	ug/l	99
10) Methyl Iodide	4.594	142	45481	18.127	ug/l	98
11) Tert butyl alcohol	5.518	59	25892	96.486	ug/l	99
12) 1,1-Dichloroethene	4.336	96	32623	17.677	ug/l	98
13) Acrolein	4.177	56	32141	80.767	ug/l	99
14) Allyl chloride	5.018	41	41768	17.238	ug/l	96
15) Acrylonitrile	5.718	53	82037	94.038	ug/l	98
16) Acetone	4.430	43	61179	88.617	ug/l	95
17) Carbon Disulfide	4.712	76	100175	18.315	ug/l	100
18) Methyl Acetate	5.030	43	35733	15.048	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	103791	18.926	ug/l	95
20) Methylene Chloride	5.277	84	39491	17.787	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	35312	17.770	ug/l	97
22) Diisopropyl ether	6.671	45	101128	18.470	ug/l	100
23) Vinyl Acetate	6.600	43	337595	90.053	ug/l	100
24) 1,1-Dichloroethane	6.565	63	67352	18.096	ug/l	99
25) 2-Butanone	7.482	43	93861	92.413	ug/l	99
26) 2,2-Dichloropropane	7.488	77	56378	17.035	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	40671	17.651	ug/l	99
28) Bromochloromethane	7.812	49	30093	19.672	ug/l	94
29) Tetrahydrofuran	7.841	42	61666	94.023	ug/l	98
30) Chloroform	7.959	83	70912	18.231	ug/l	97
31) Cyclohexane	8.253	56	55622	17.849	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	64040	18.511	ug/l	98
36) 1,1-Dichloropropene	8.371	75	47658	18.826	ug/l	99
37) Ethyl Acetate	7.565	43	39213	18.823	ug/l	98
38) Carbon Tetrachloride	8.359	117	60575	20.139	ug/l	97
39) Methylcyclohexane	9.600	83	43348	17.430	ug/l	96
40) Benzene	8.606	78	154125	18.996	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20107	18.055	ug/l	93
42) 1,2-Dichloroethane	8.665	62	51041	19.313	ug/l	99
43) Isopropyl Acetate	8.688	43	75224	20.250	ug/l	98
44) Trichloroethene	9.353	130	34777	17.457	ug/l	97
45) 1,2-Dichloropropane	9.618	63	36021	18.393	ug/l	95
46) Dibromomethane	9.706	93	25378	18.371	ug/l	96
47) Bromodichloromethane	9.888	83	55613	18.817	ug/l	96
48) Methyl methacrylate	9.682	41	29601	19.133	ug/l	98
49) 1,4-Dioxane	9.688	88	12215	415.181	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	195831	97.499	ug/l	99
52) Toluene	10.629	92	95342	20.046	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52155	19.084	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	56716	18.925	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	35207	18.618	ug/l	96
56) Ethyl methacrylate	10.871	69	47674	19.147	ug/l	100
57) 1,3-Dichloropropane	11.159	76	58854	18.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76649	84.675	ug/l	98
59) 2-Hexanone	11.194	43	136937	99.103	ug/l	98
60) Dibromochloromethane	11.353	129	43017	19.536	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33956	19.005	ug/l	98
64) Tetrachloroethene	11.100	164	35785	19.235	ug/l	97
65) Chlorobenzene	11.888	112	98045	17.822	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	37422	18.925	ug/l	98
67) Ethyl Benzene	11.959	91	161777	18.773	ug/l	98
68) m/p-Xylenes	12.070	106	127541	38.963	ug/l	98
69) o-Xylene	12.394	106	57977	18.639	ug/l	97
70) Styrene	12.406	104	99612	18.666	ug/l	97
71) Bromoform	12.576	173	29295	19.938	ug/l #	95
73) Isopropylbenzene	12.694	105	145141	18.135	ug/l	100
74) N-amyl acetate	12.488	43	52329	18.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49396	17.935	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	61610	23.741	ug/l	57
77) Bromobenzene	12.976	156	39183	18.121	ug/l	98
78) n-propylbenzene	13.035	91	169492	18.491	ug/l	100
79) 2-Chlorotoluene	13.123	91	111171	18.153	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	125829	19.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	15752	17.711	ug/l	98
82) 4-Chlorotoluene	13.217	91	114319	18.830	ug/l	98
83) tert-Butylbenzene	13.435	119	100022	18.244	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	128629	19.941	ug/l	97
85) sec-Butylbenzene	13.612	105	138658	17.900	ug/l	100
86) p-Isopropyltoluene	13.729	119	115451	17.559	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	69908	17.256	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	71654	17.257	ug/l	99
89) n-Butylbenzene	14.053	91	89485	16.271	ug/l	97
90) Hexachloroethane	14.329	117	24496	16.698	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	69810	17.920	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.711	75	9363	18.514	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	29676	15.986	ug/l	98
94) Hexachlorobutadiene	15.500	225	16781	14.875	ug/l	98
95) Naphthalene	15.635	128	80879	15.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29960	16.076	ug/l	96

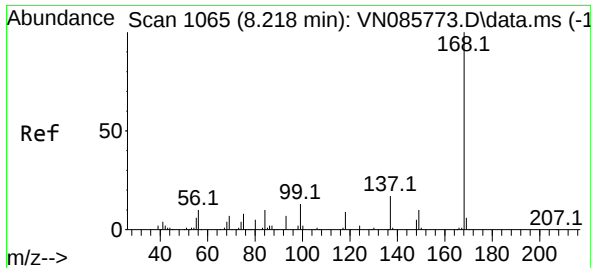
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
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QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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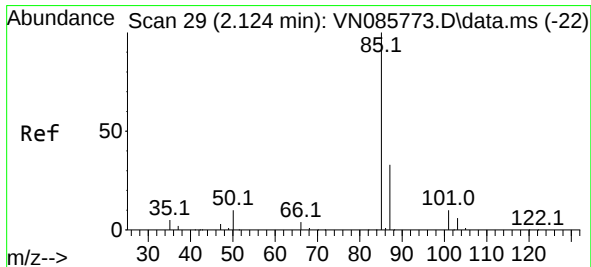
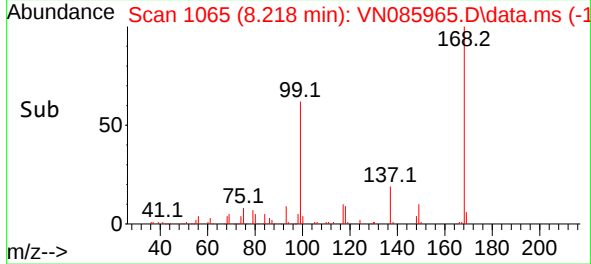
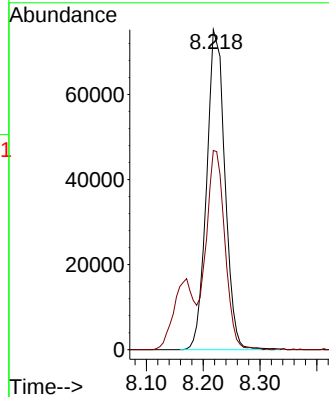
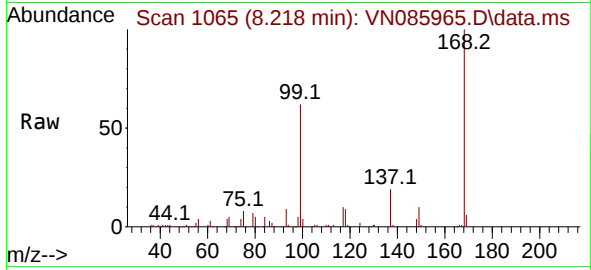
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085965.D
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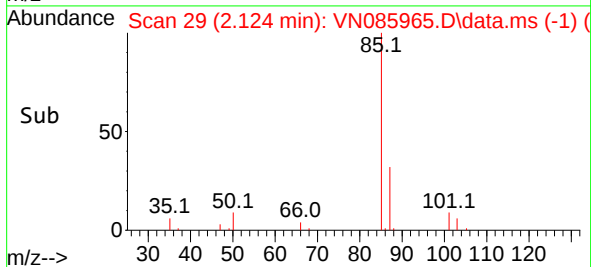
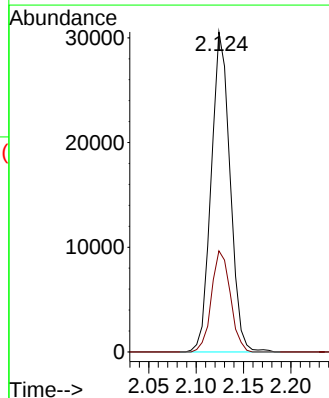
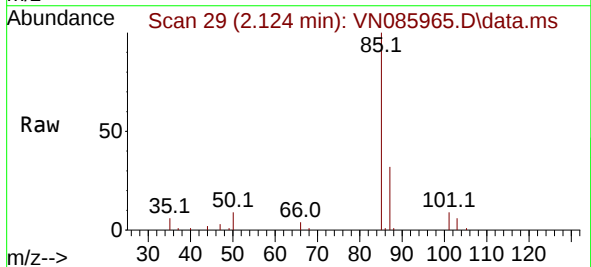
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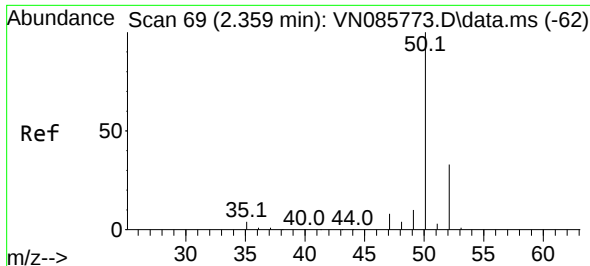
Tgt Ion:168 Resp: 168291
Ion Ratio Lower Upper
168 100
99 62.0 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 18.468 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 85 Resp: 42275
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2

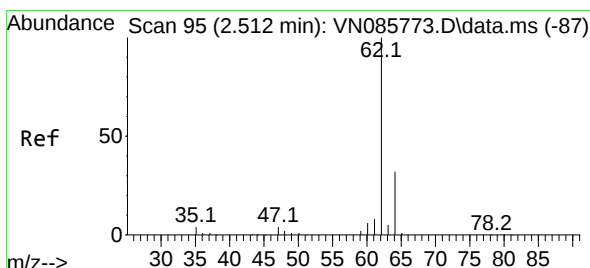
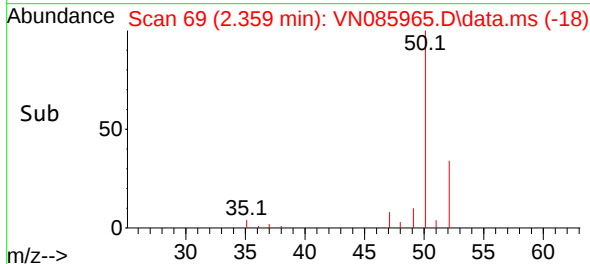
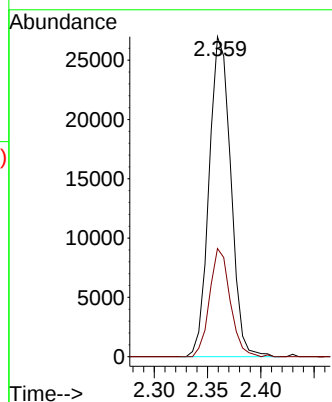
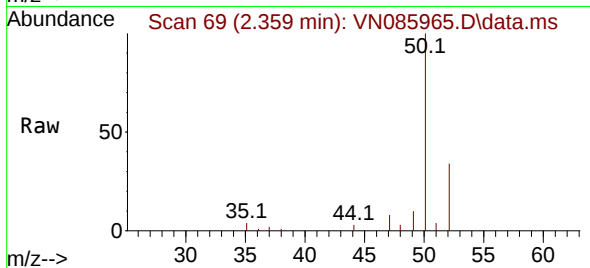




#3
Chloromethane
Concen: 16.624 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

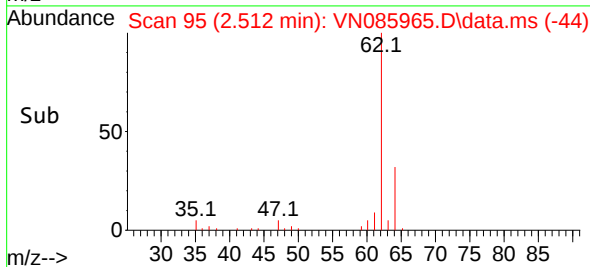
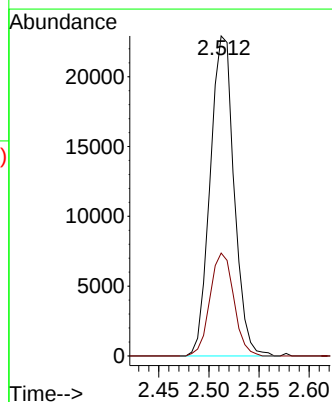
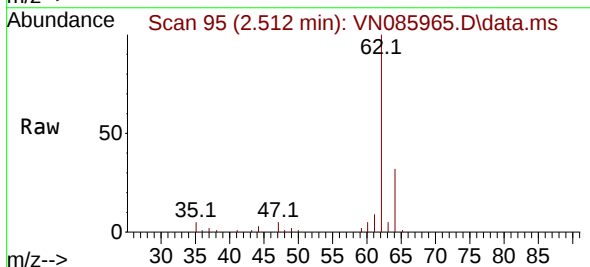
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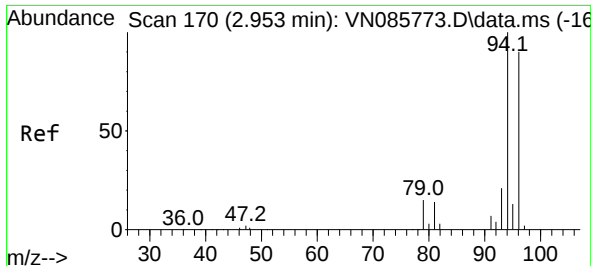
Tgt Ion: 50 Resp: 38186
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 15.647 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 62 Resp: 38055
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9

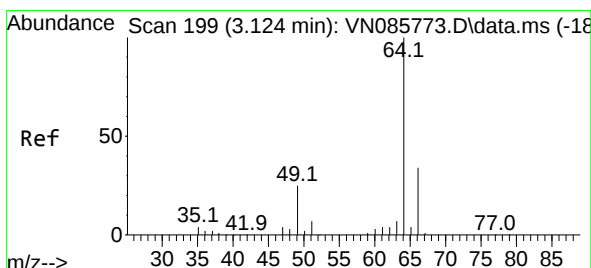
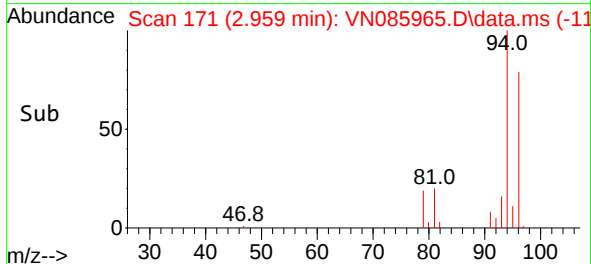
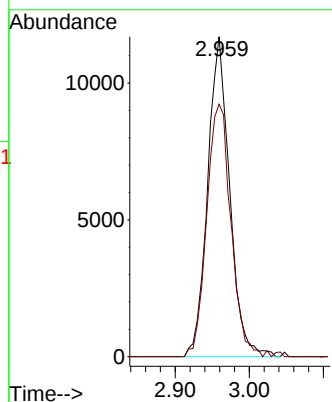
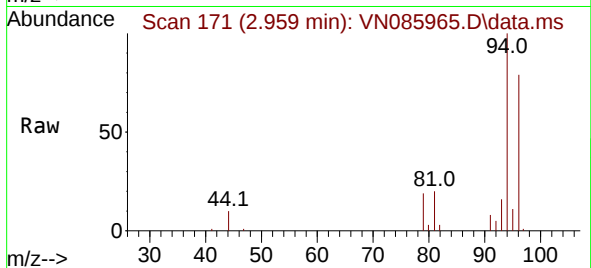




#5
Bromomethane
Concen: 15.508 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

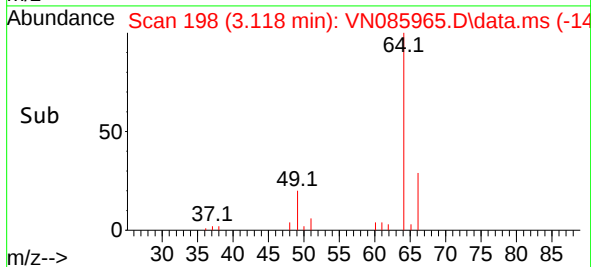
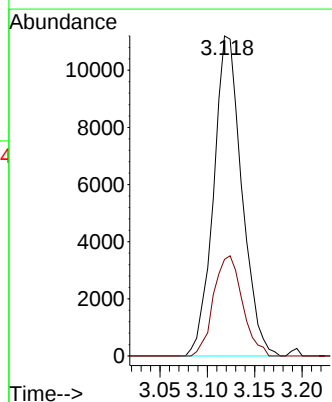
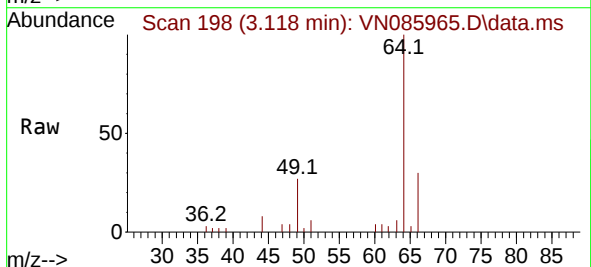
Instrument :
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Tgt Ion: 94 Resp: 24116
Ion Ratio Lower Upper
94 100
96 78.9 71.7 107.5



#6
Chloroethane
Concen: 14.460 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 64 Resp: 23295
Ion Ratio Lower Upper
64 100
66 30.2 27.0 40.6

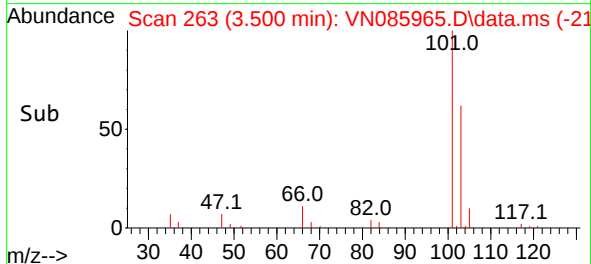
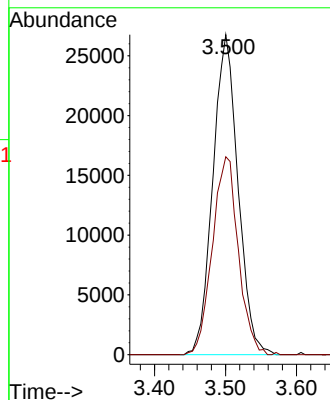
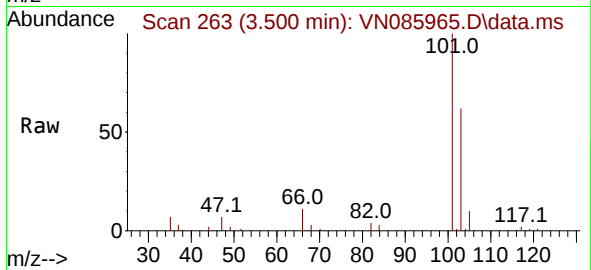




#7
Trichlorofluoromethane
Concen: 18.688 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN085965.D
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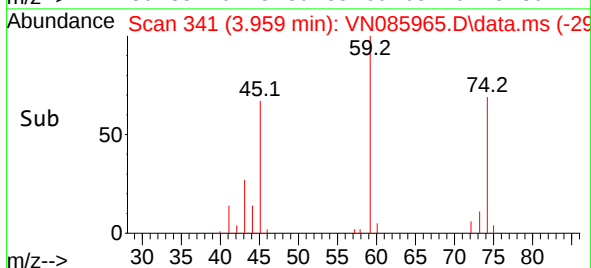
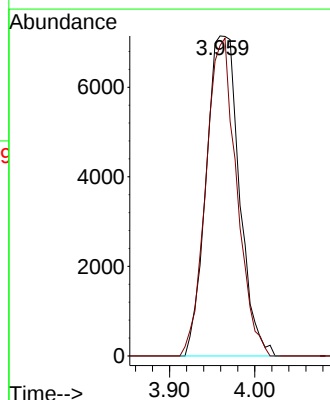
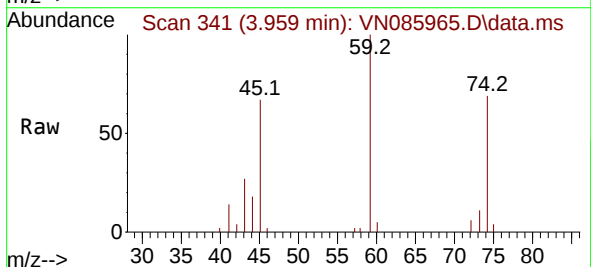
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 65804
Ion Ratio Lower Upper
101 100
103 61.8 52.2 78.4



#8
Diethyl Ether
Concen: 16.930 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 74 Resp: 19289
Ion Ratio Lower Upper
74 100
45 92.1 42.5 127.6

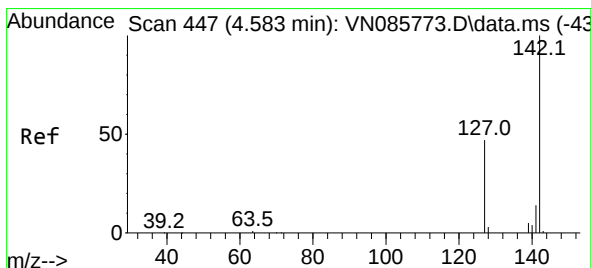
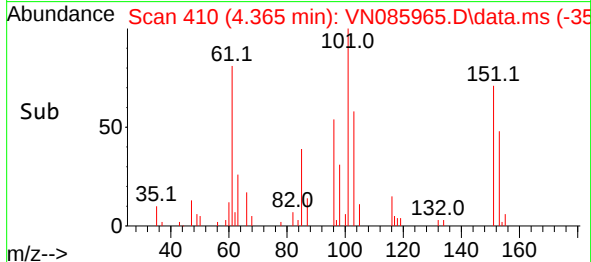
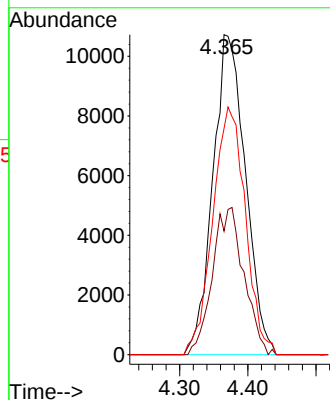
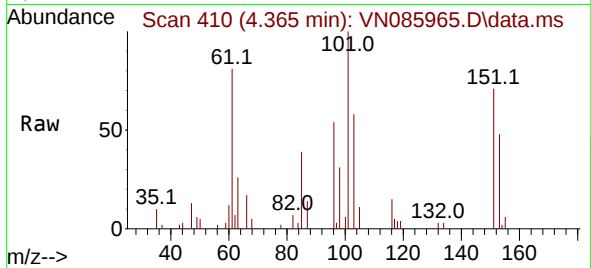




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.505 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
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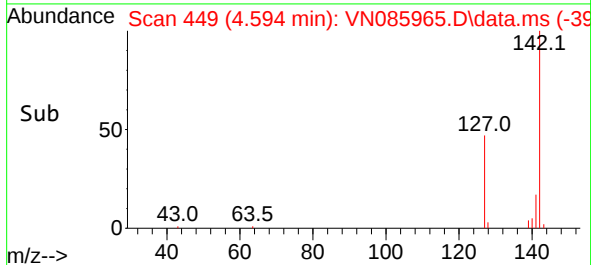
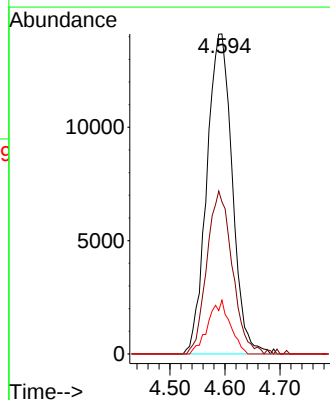
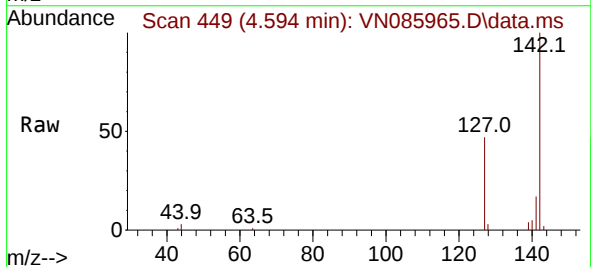
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Tgt Ion:101 Resp: 35631
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 77.6 61.4 92.2



#10
Methyl Iodide
Concen: 18.127 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:142 Resp: 45481
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 16.8 11.4 17.2

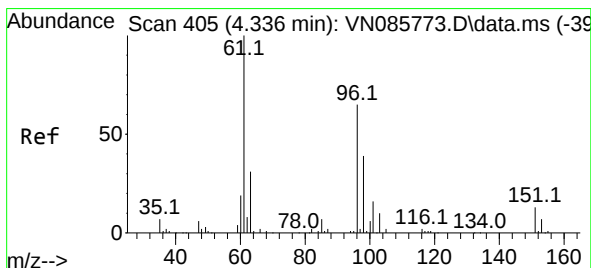
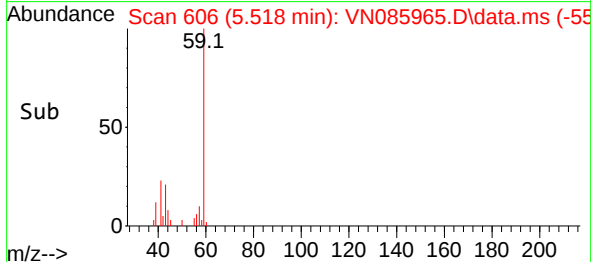
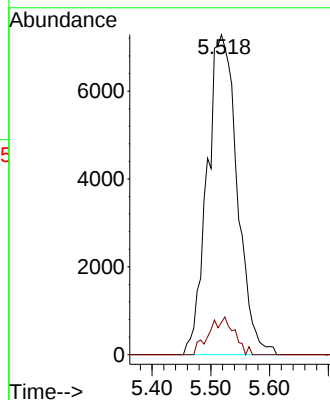
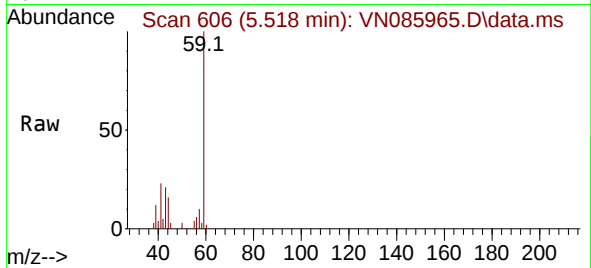




#11
Tert butyl alcohol
Concen: 96.486 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

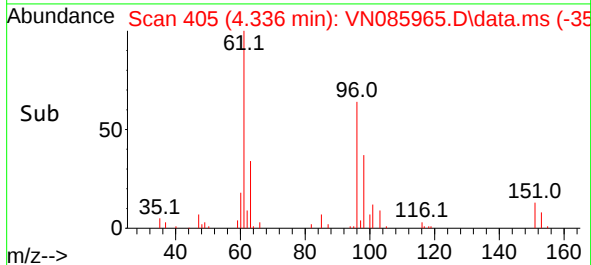
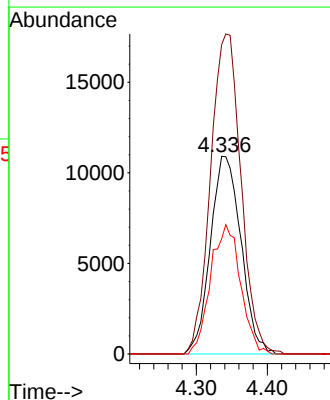
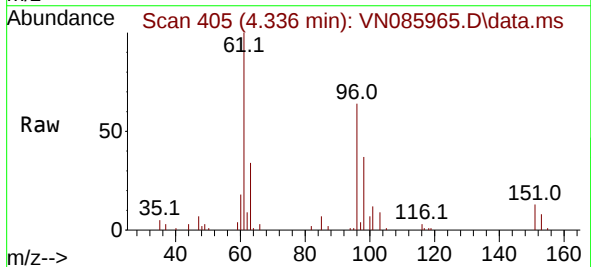
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 59 Resp: 25892
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.677 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 96 Resp: 32623
Ion Ratio Lower Upper
96 100
61 156.5 123.3 184.9
98 58.2 48.6 72.8

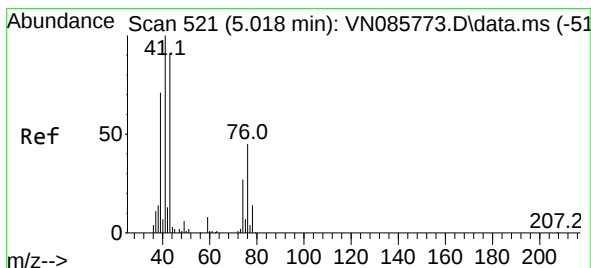
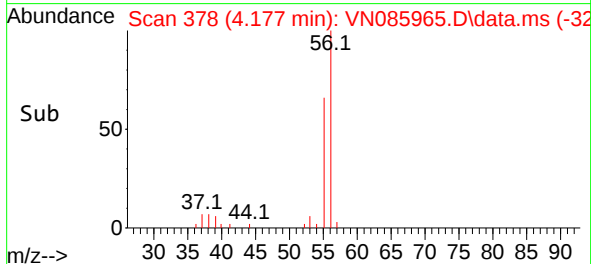
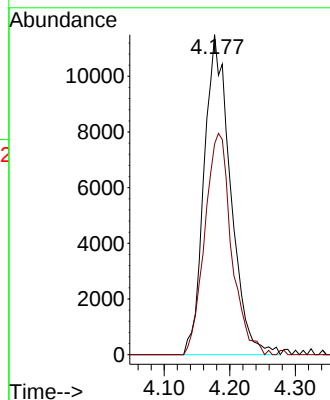
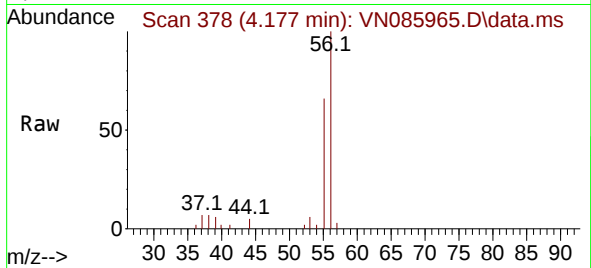




#13
Acrolein
Concen: 80.767 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

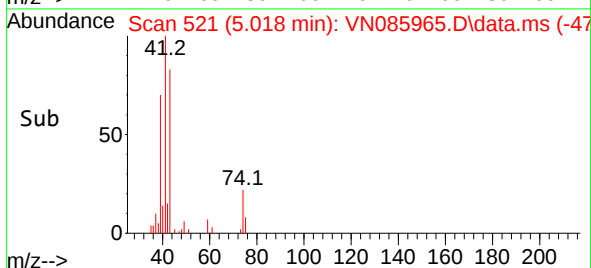
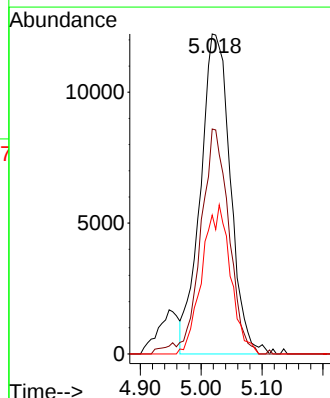
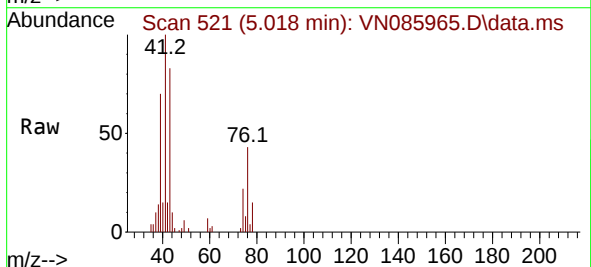
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

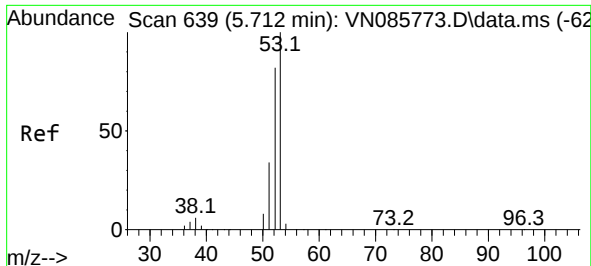
Tgt Ion: 56 Resp: 32141
Ion Ratio Lower Upper
56 100
55 70.2 55.3 82.9



#14
Allyl chloride
Concen: 17.238 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 41 Resp: 41768
Ion Ratio Lower Upper
41 100
39 66.7 57.4 86.2
76 44.2 36.2 54.2

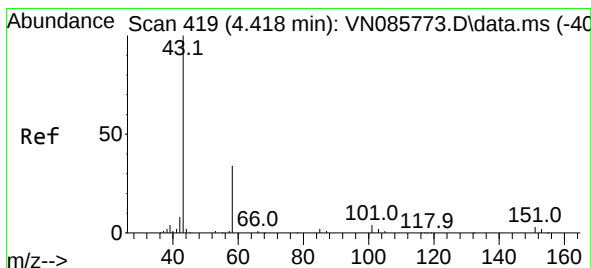
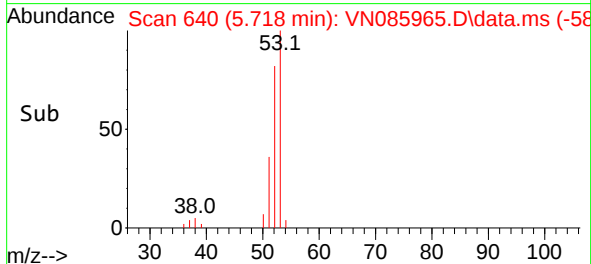
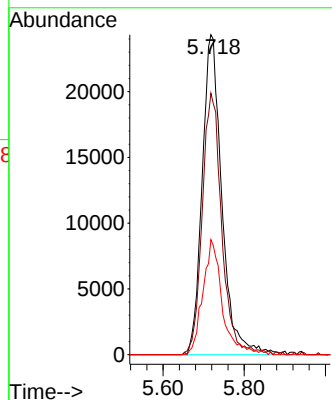
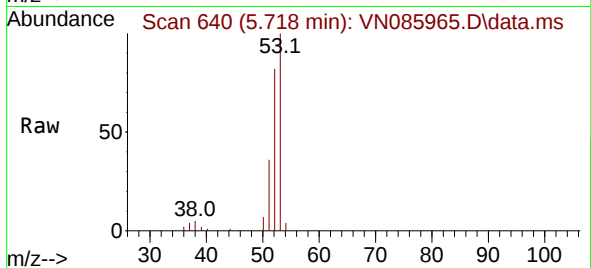




#15
Acrylonitrile
Concen: 94.038 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

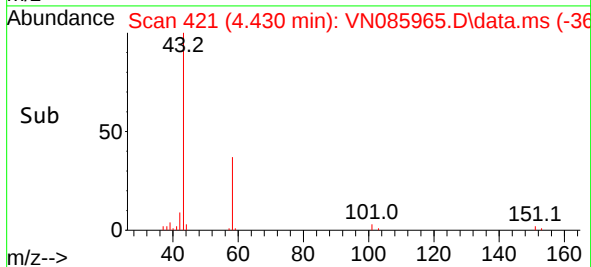
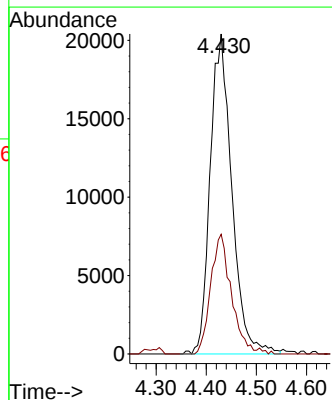
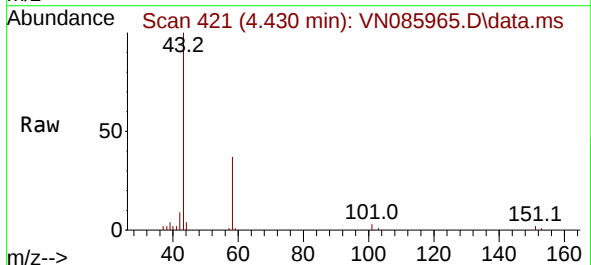
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

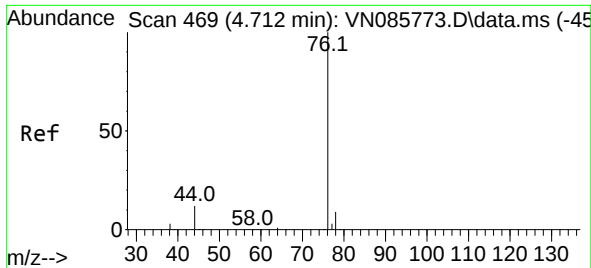
Tgt Ion:	53	Resp:	82037
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.6
51	35.1	28.6	42.8



#16
Acetone
Concen: 88.617 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:	43	Resp:	61179
Ion	Ratio	Lower	Upper
43	100		
58	37.4	27.5	41.3

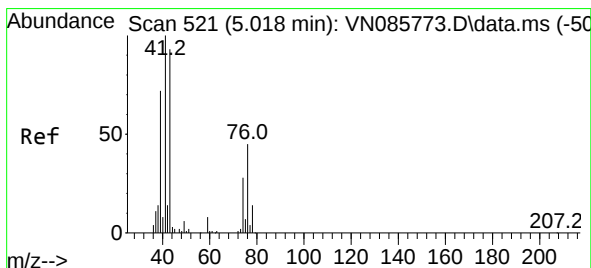
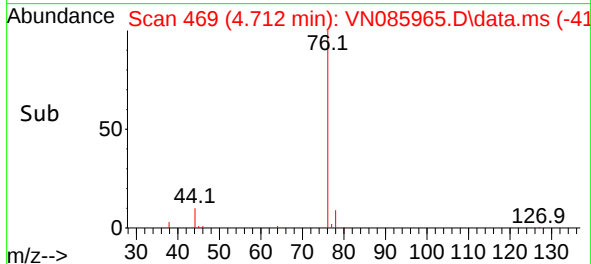
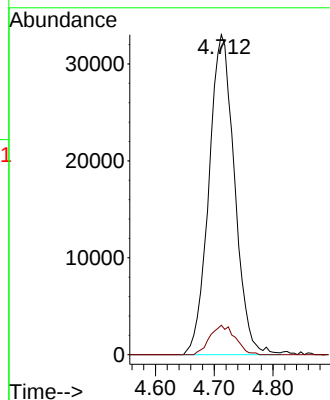
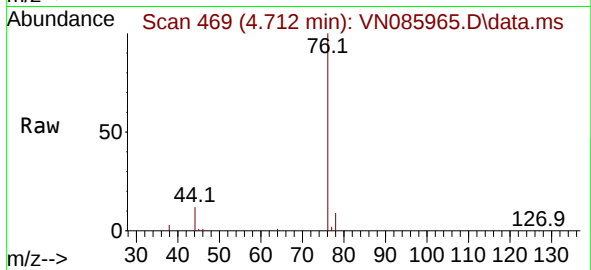




#17
Carbon Disulfide
Concen: 18.315 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

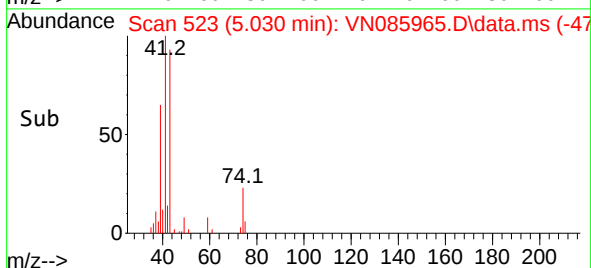
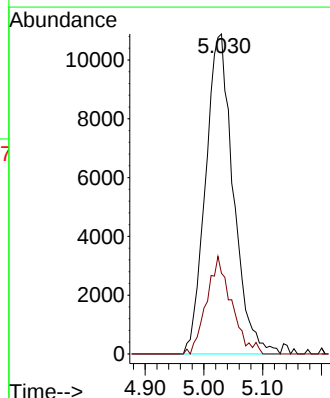
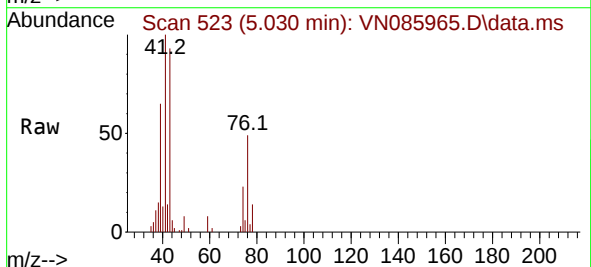
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 76 Resp: 100175
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 15.048 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 43 Resp: 35733
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.4

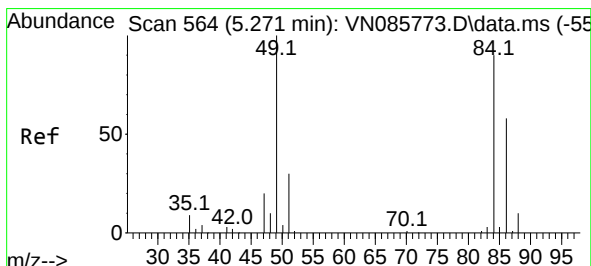
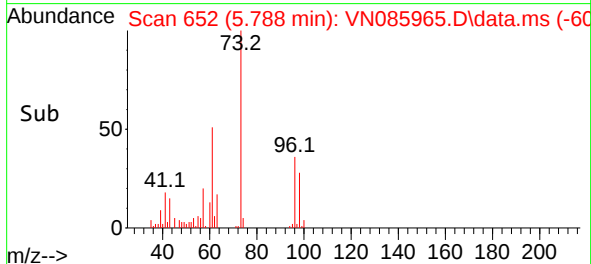
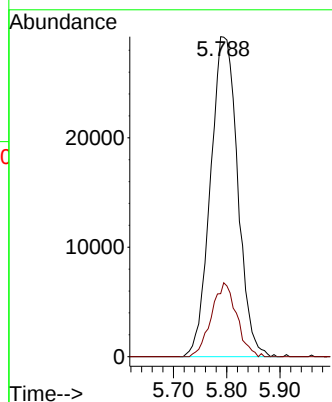
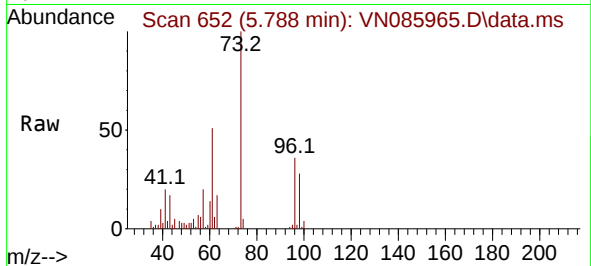




#19
Methyl tert-butyl Ether
Concen: 18.926 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

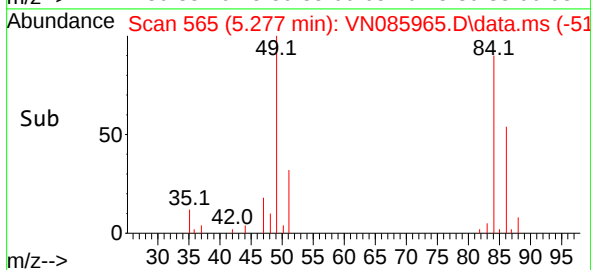
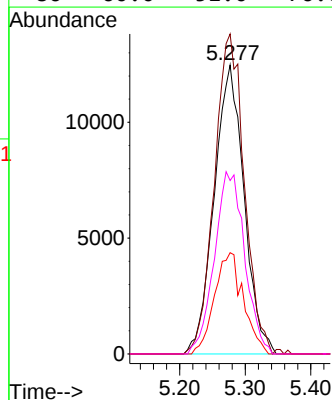
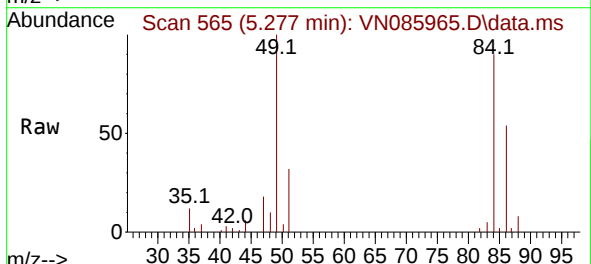
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 73 Resp: 103791
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4



#20
Methylene Chloride
Concen: 17.787 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 84 Resp: 39491
Ion Ratio Lower Upper
84 100
49 110.7 88.4 132.6
51 35.1 26.6 40.0
86 60.0 51.0 76.6

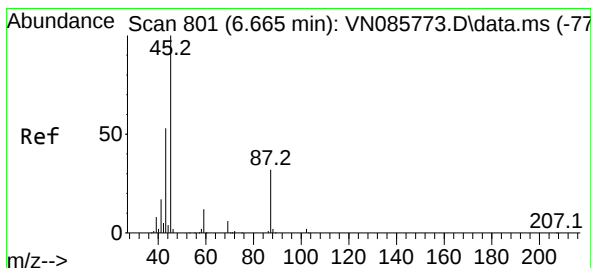
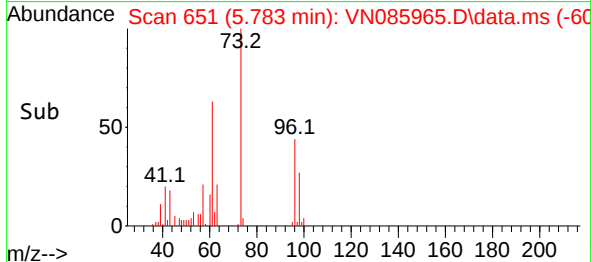
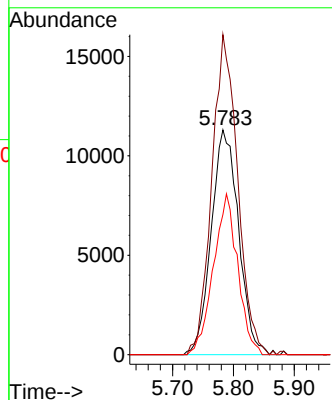
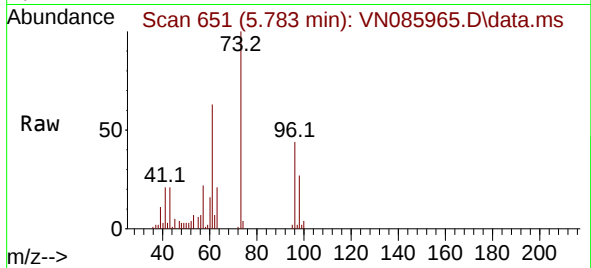




#21
trans-1,2-Dichloroethene
Concen: 17.770 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

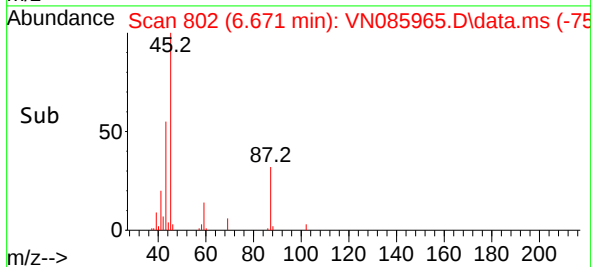
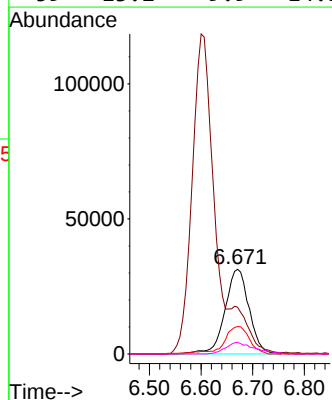
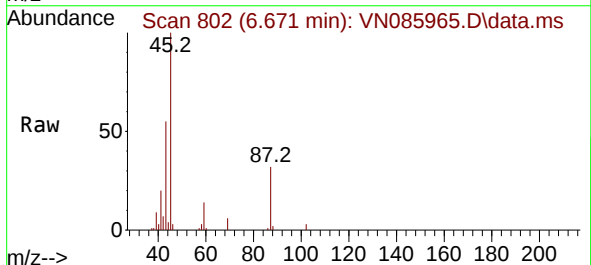
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 96 Resp: 35312
Ion Ratio Lower Upper
96 100
61 142.3 112.6 168.8
98 62.3 53.3 79.9



#22
Diisopropyl ether
Concen: 18.470 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 45 Resp: 101128
Ion Ratio Lower Upper
45 100
43 53.4 42.6 64.0
87 32.4 25.8 38.8
59 13.2 9.9 14.9

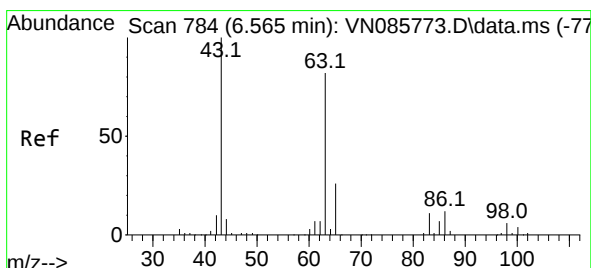
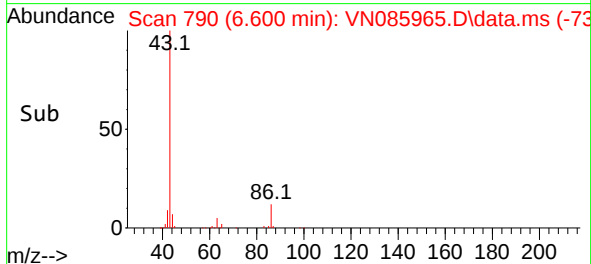
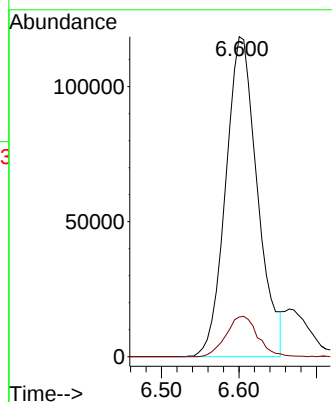
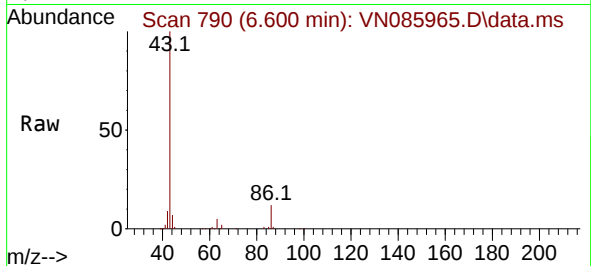




#23
 Vinyl Acetate
 Concen: 90.053 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

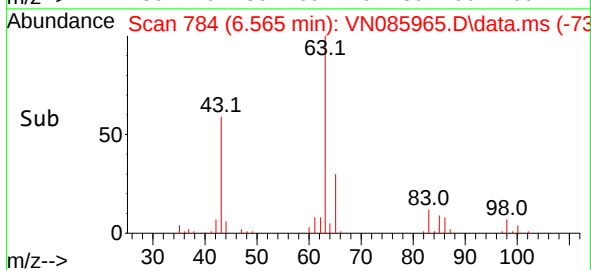
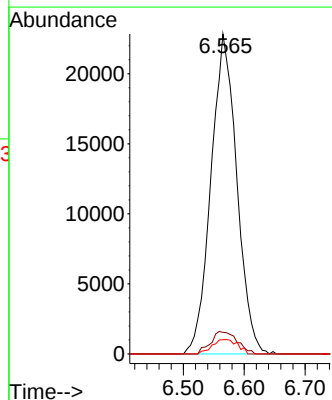
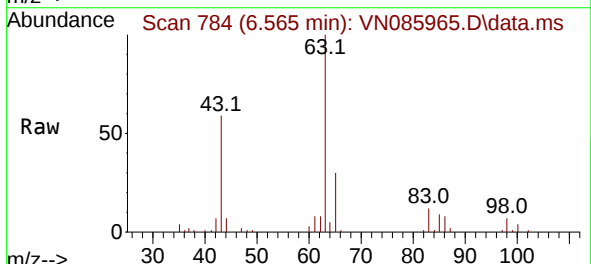
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

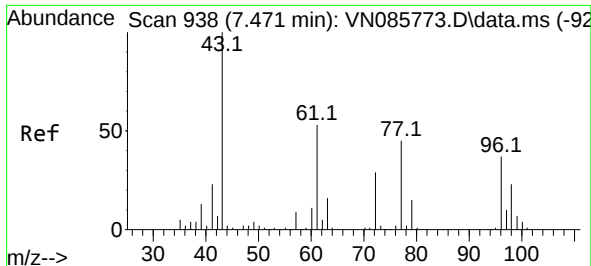
Tgt Ion: 43 Resp: 337595
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.096 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion: 63 Resp: 67352
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.5 2.4 7.2

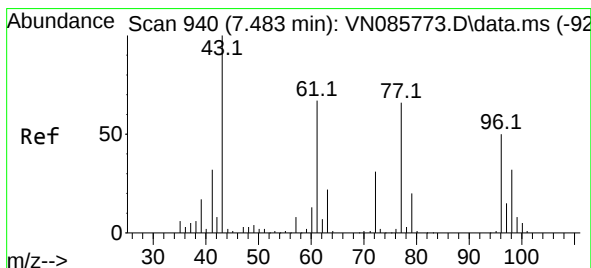
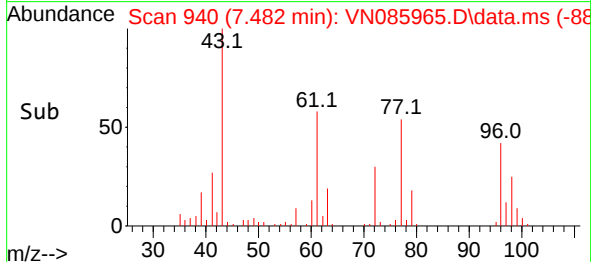
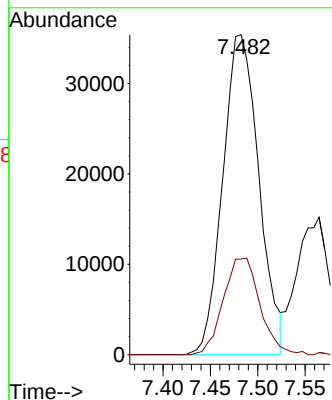
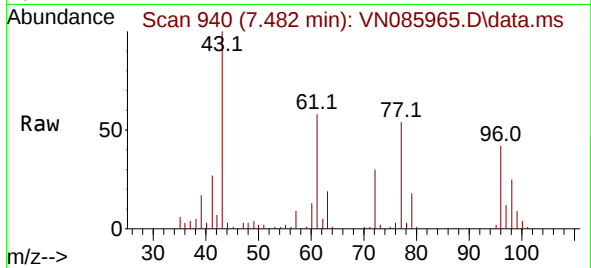




#25
2-Butanone
Concen: 92.413 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

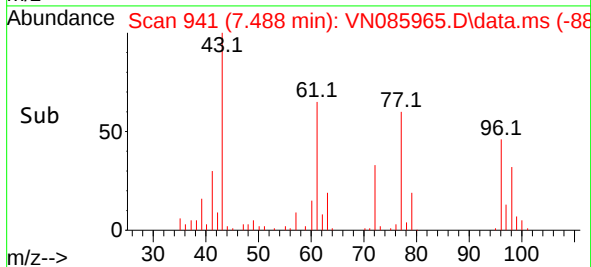
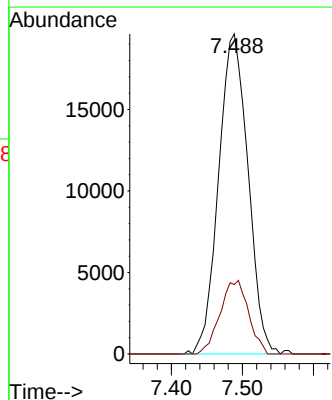
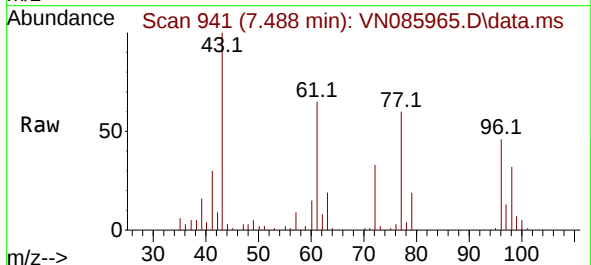
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

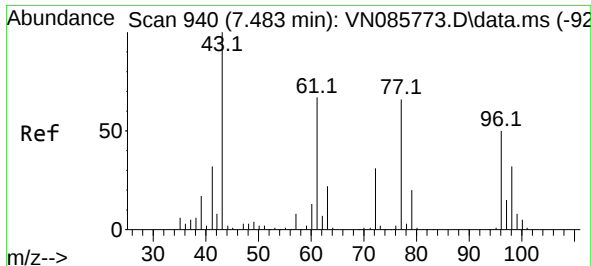
Tgt Ion: 43 Resp: 93861
Ion Ratio Lower Upper
43 100
72 29.9 23.6 35.4



#26
2,2-Dichloropropane
Concen: 17.035 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 77 Resp: 56378
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

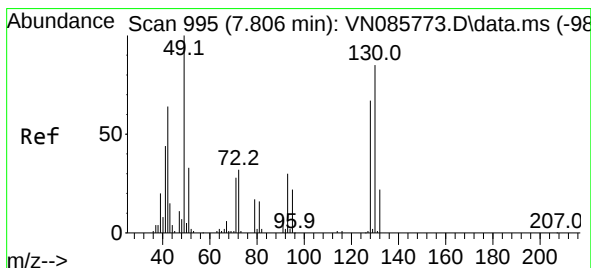
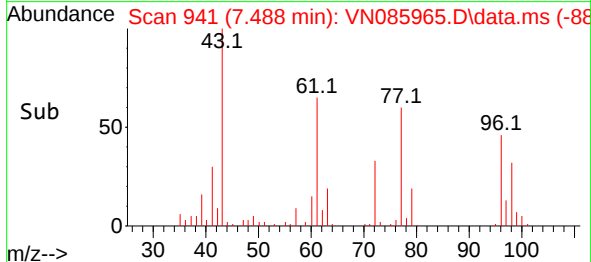
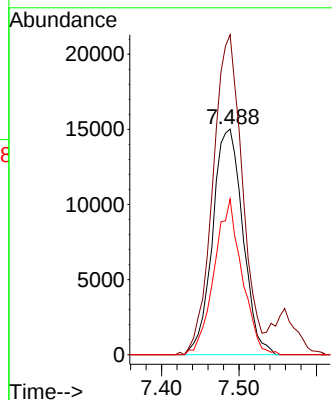
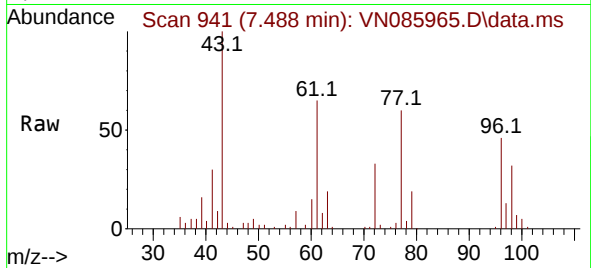




#27
 cis-1,2-Dichloroethene
 Concen: 17.651 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

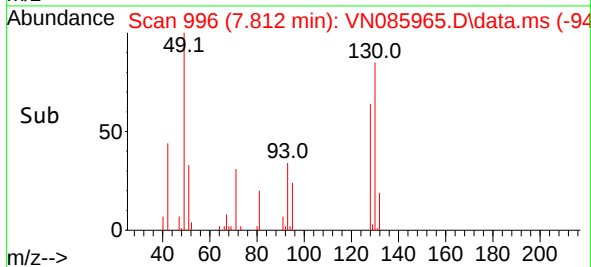
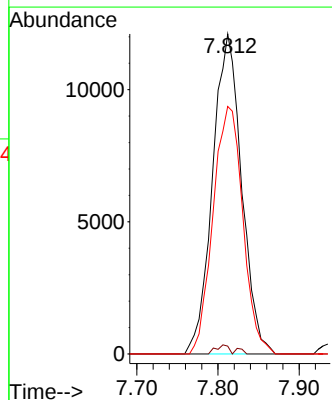
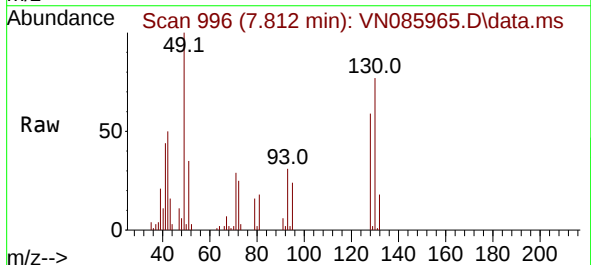
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Tgt Ion: 96	Resp: 40671
Ion Ratio	Lower Upper
96 100	
61 138.8	0.0 280.6
98 63.2	0.0 128.6



#28
 Bromochloromethane
 Concen: 19.672 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion: 49	Resp: 30093
Ion Ratio	Lower Upper
49 100	
129 1.2	0.0 3.8
130 79.3	68.0 102.0





#29

Tetrahydrofuran

Concen: 94.023 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

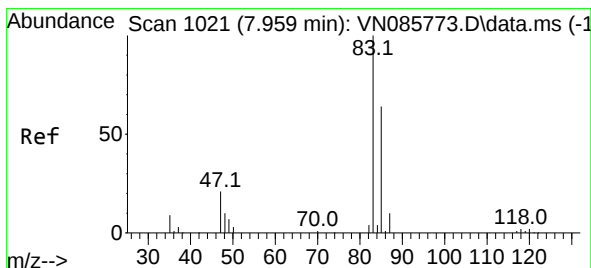
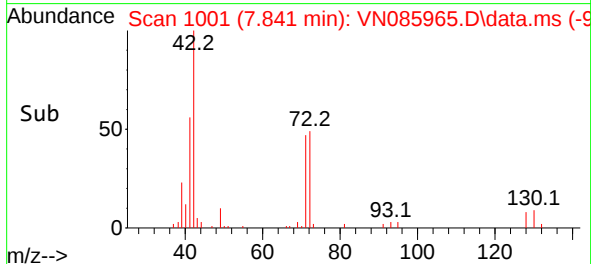
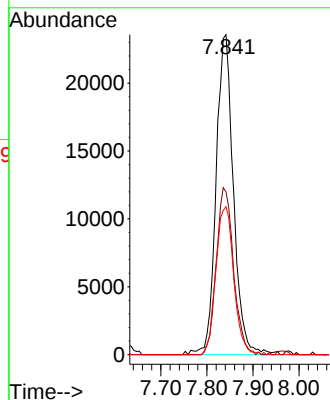
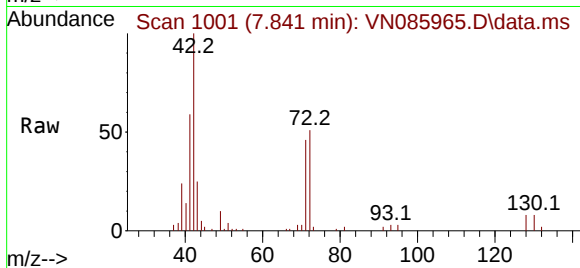
Tgt Ion: 42 Resp: 61666

Ion Ratio Lower Upper

42 100

72 51.6 40.0 60.0

71 47.7 37.0 55.4



#30

Chloroform

Concen: 18.231 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085965.D

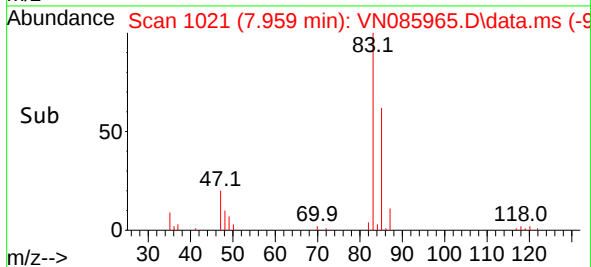
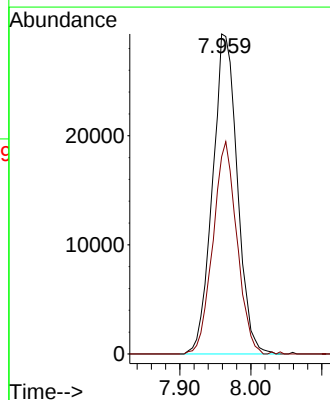
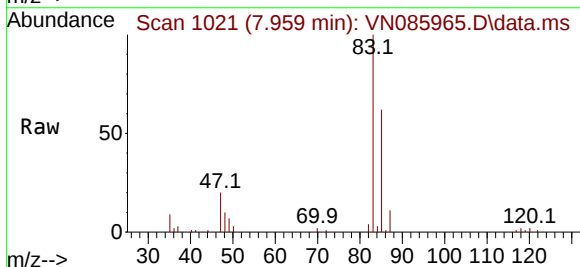
Acq: 12 Mar 2025 17:18

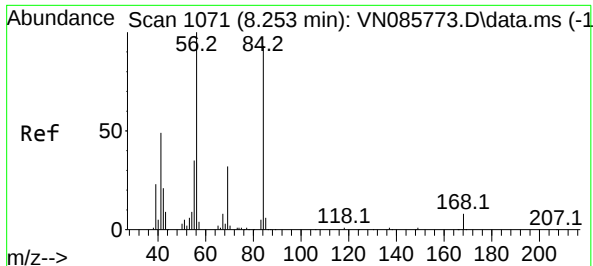
Tgt Ion: 83 Resp: 70912

Ion Ratio Lower Upper

83 100

85 61.6 50.9 76.3

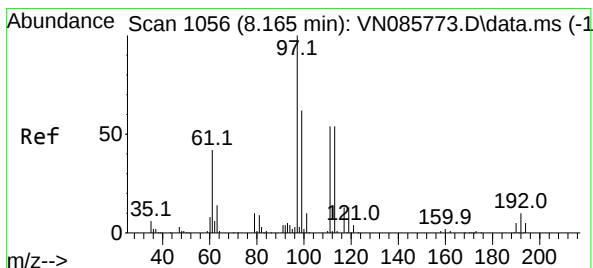
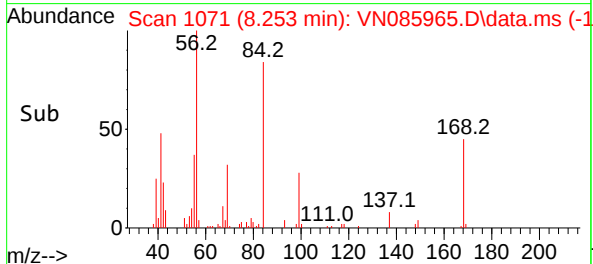
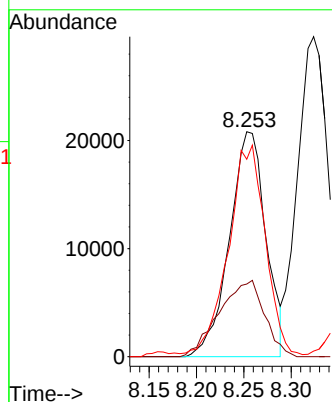
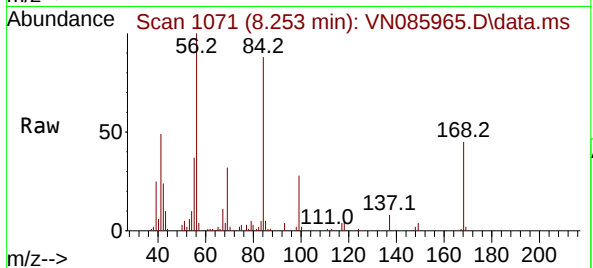




#31
Cyclohexane
Concen: 17.849 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

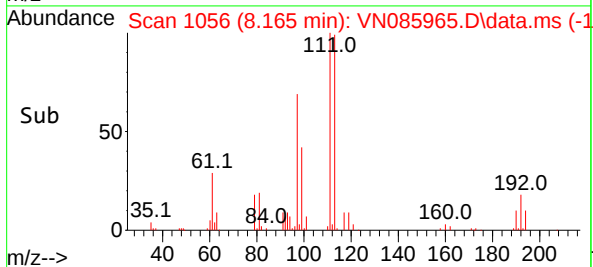
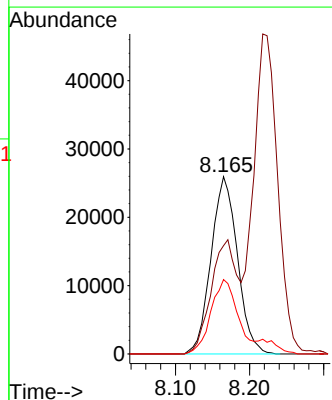
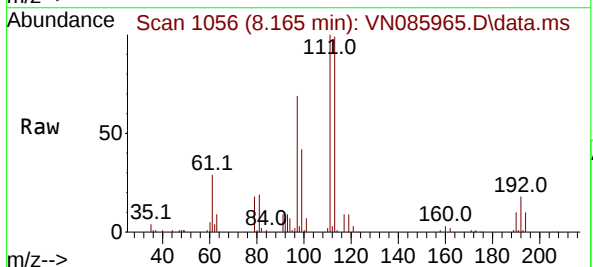
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 56 Resp: 55622
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.6
84 86.4 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 18.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 97 Resp: 64040
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 42.9 35.5 53.3

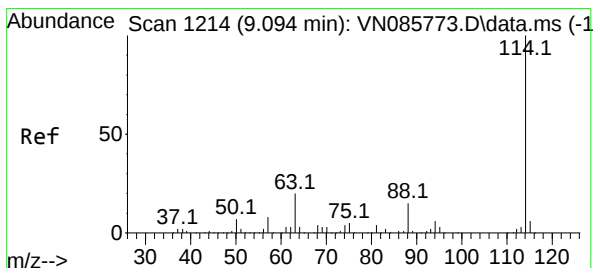
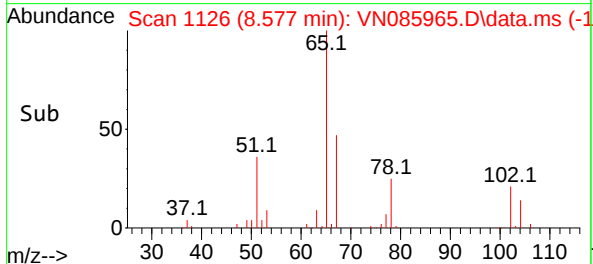
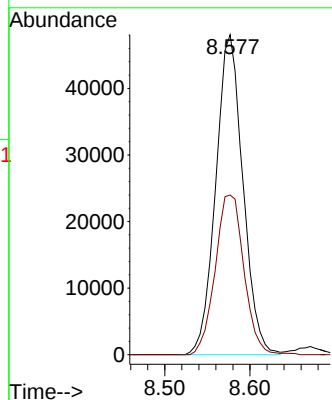
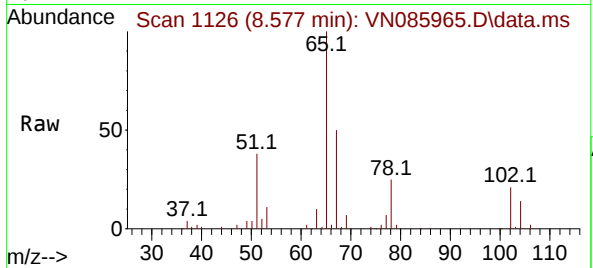




#33
 1,2-Dichloroethane-d4
 Concen: 48.784 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

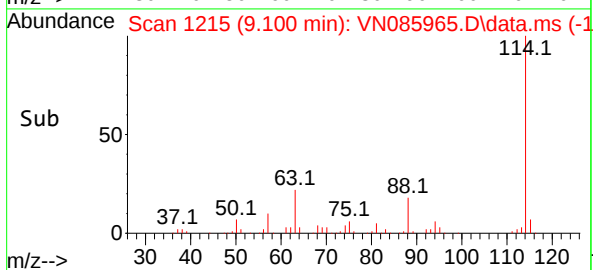
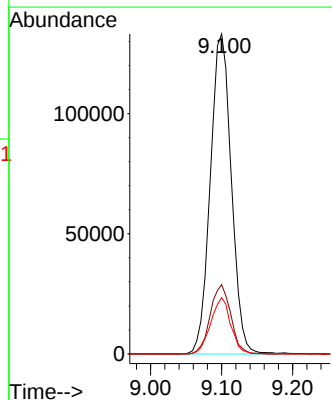
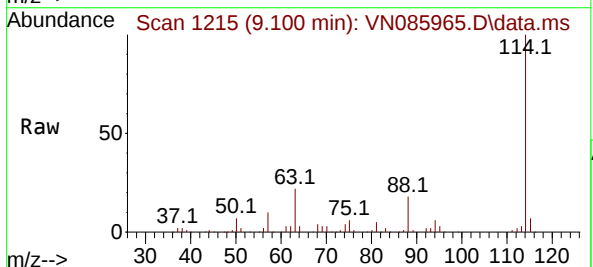
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

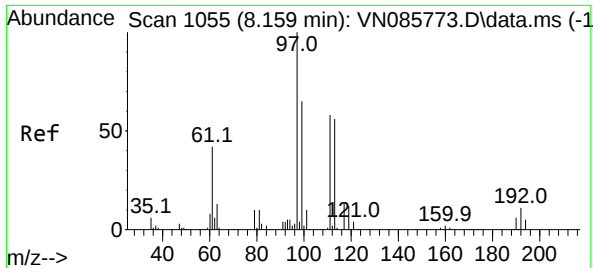
Tgt Ion: 65 Resp: 106438
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion: 114 Resp: 273352
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.2
 88 17.6 0.0 30.0

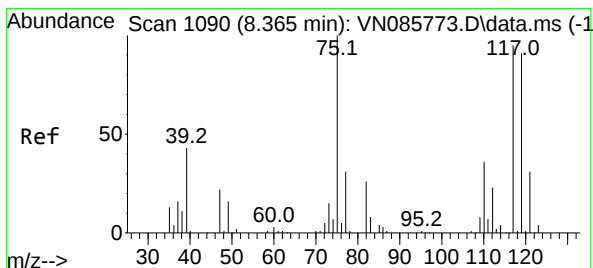
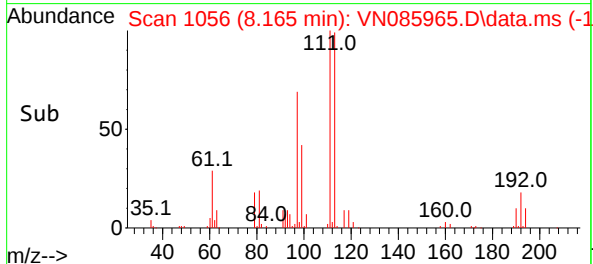
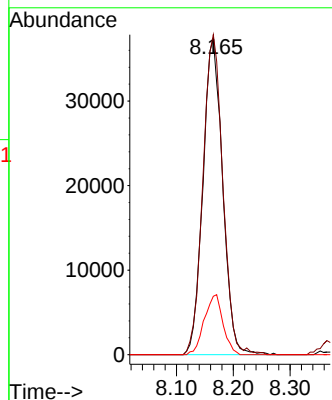
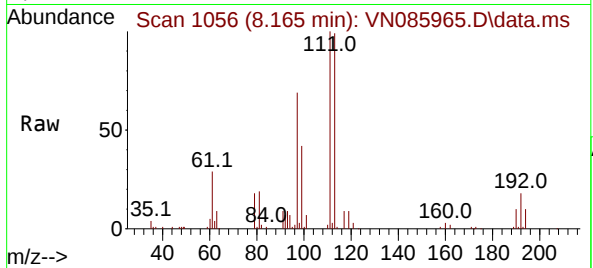




#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

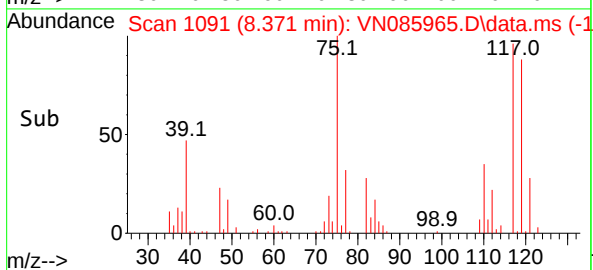
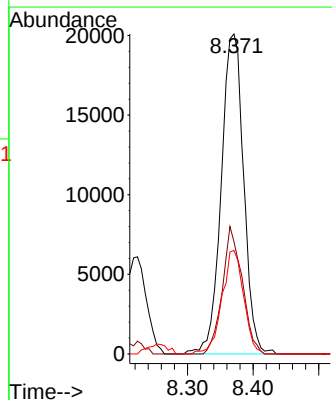
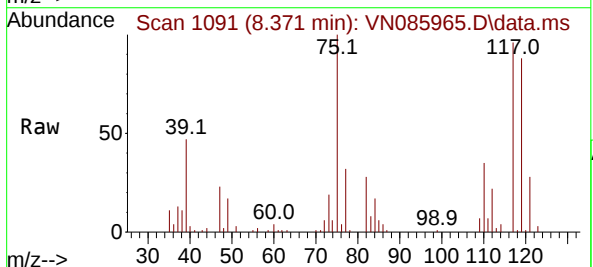
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

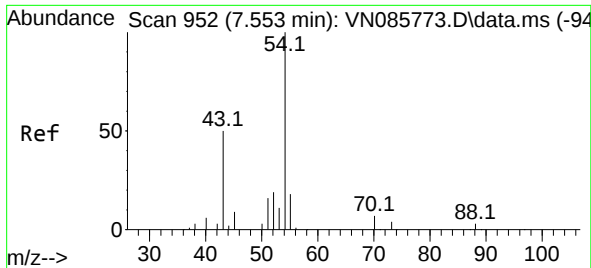
Tgt Ion:113 Resp: 89862
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.0 14.7 22.1



#36
1,1-Dichloropropene
Concen: 18.826 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 75 Resp: 47658
Ion Ratio Lower Upper
75 100
110 35.2 17.3 52.0
77 31.2 24.6 37.0

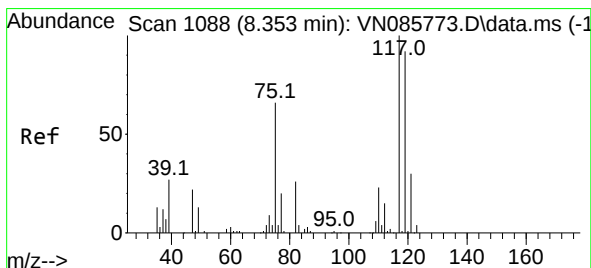
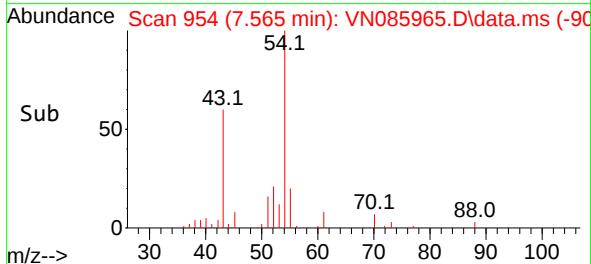
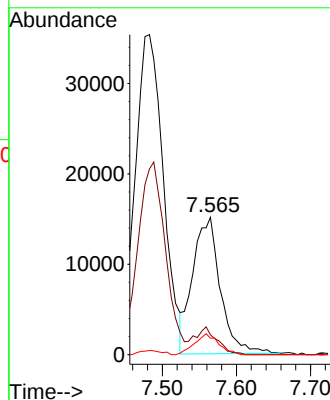
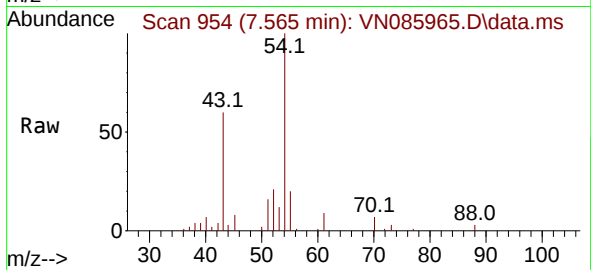




#37
Ethyl Acetate
Concen: 18.823 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

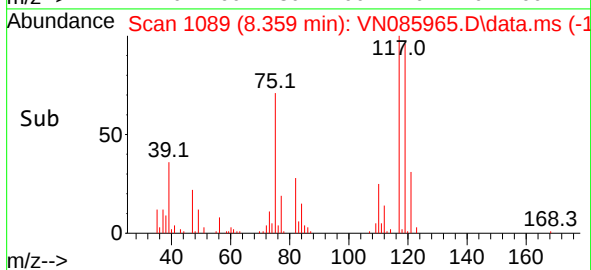
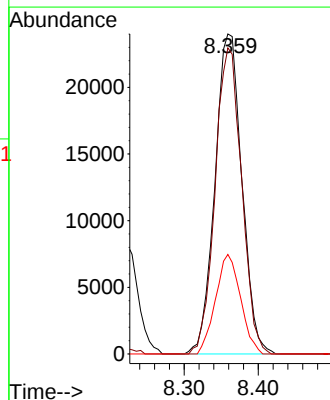
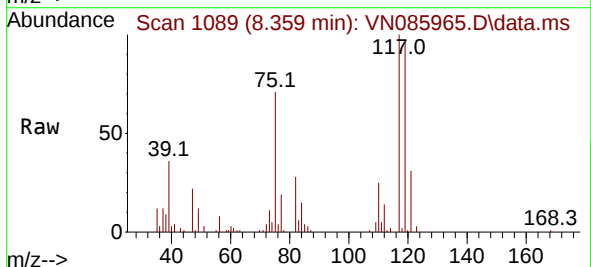
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

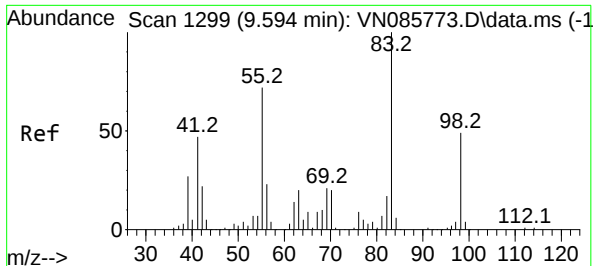
Tgt Ion: 43 Resp: 39213
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 13.2 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.139 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 117 Resp: 60575
Ion Ratio Lower Upper
117 100
119 95.6 73.8 110.6
121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 17.430 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

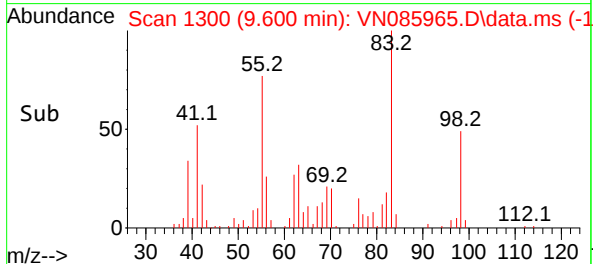
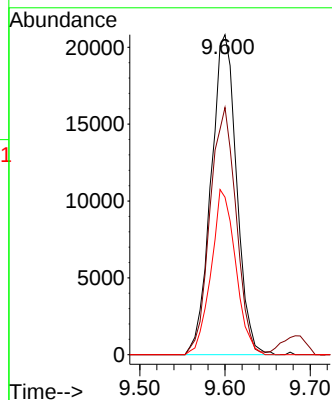
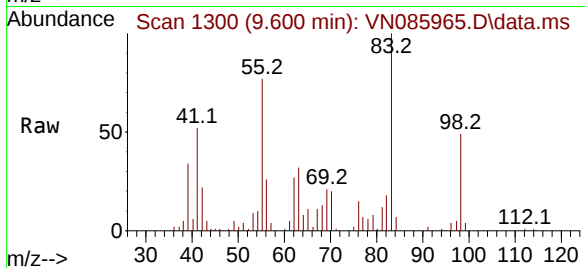
Tgt Ion: 83 Resp: 43348

Ion Ratio Lower Upper

83 100

55 77.2 57.5 86.3

98 49.2 39.2 58.8



#40

Benzene

Concen: 18.996 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085965.D

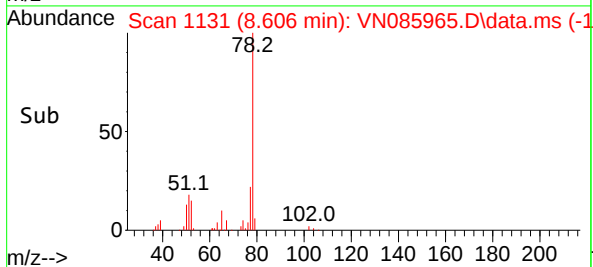
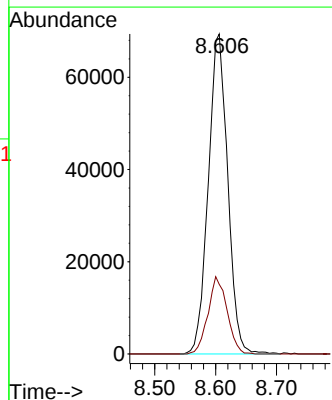
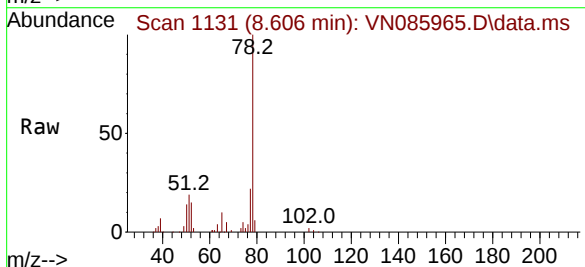
Acq: 12 Mar 2025 17:18

Tgt Ion: 78 Resp: 154125

Ion Ratio Lower Upper

78 100

77 21.7 18.3 27.5



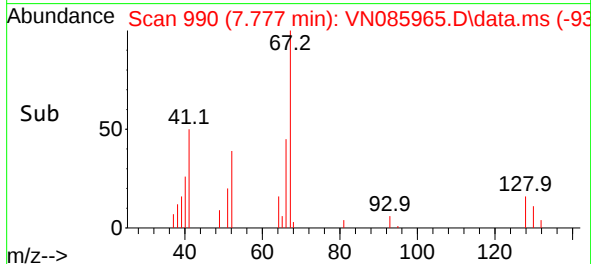
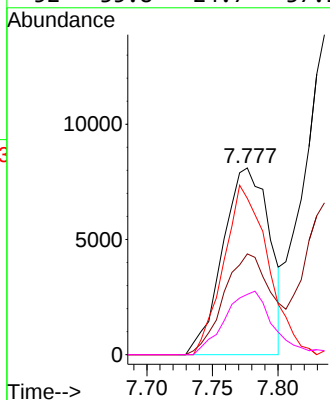
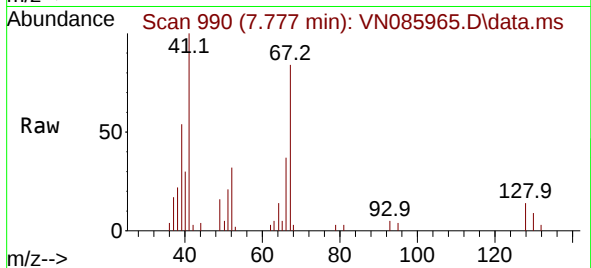


#41
Methacrylonitrile
Concen: 18.055 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 41 Resp: 20107

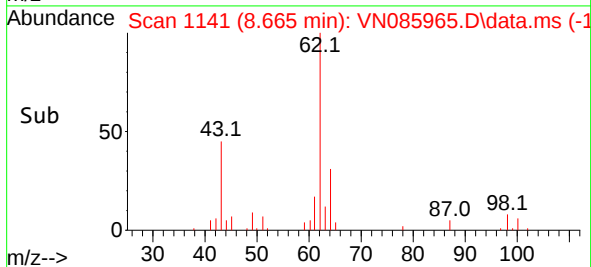
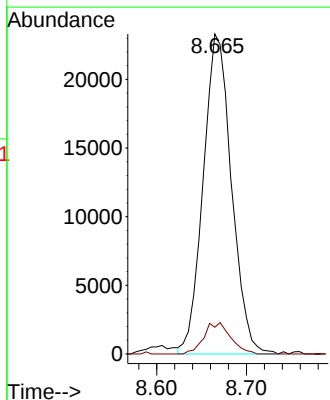
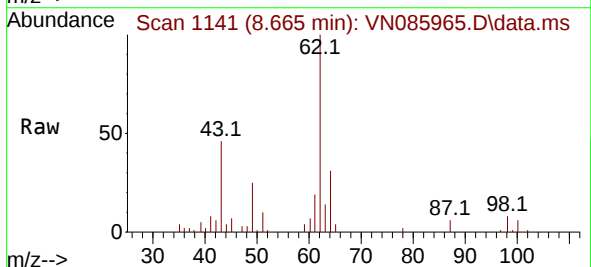
Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.0	63.0
67	85.7	64.2	96.4
52	35.8	24.7	37.1



#42
1,2-Dichloroethane
Concen: 19.313 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 62 Resp: 51041

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6

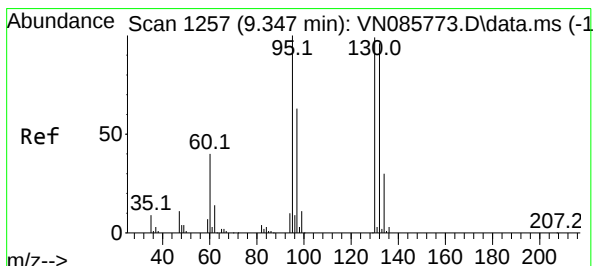
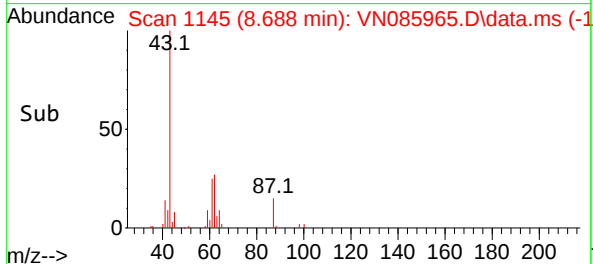
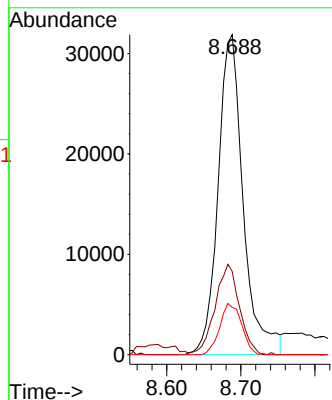
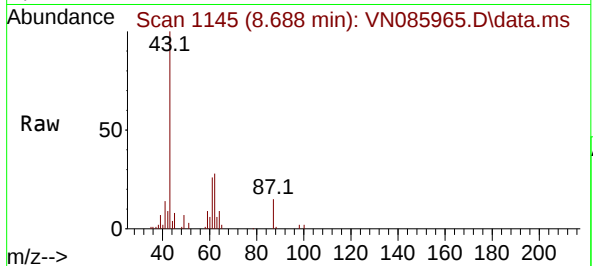




#43
Isopropyl Acetate
Concen: 20.250 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

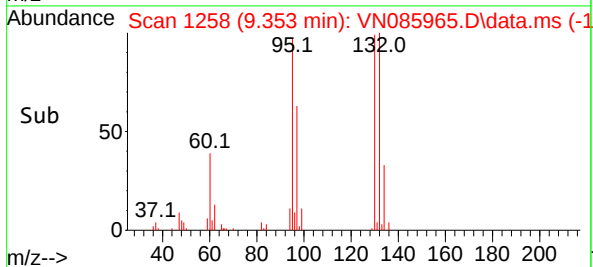
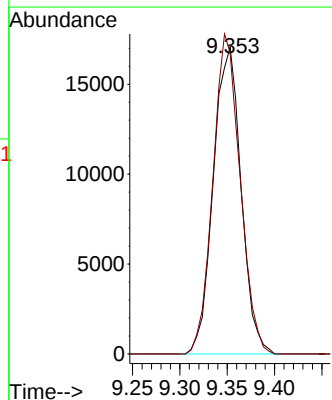
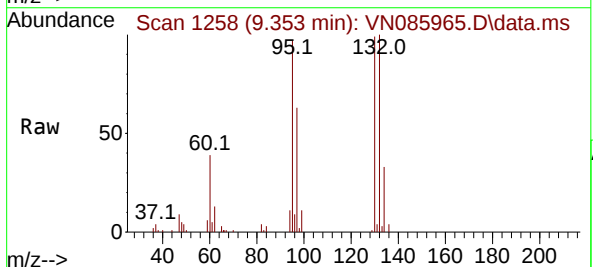
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 43 Resp: 75224
Ion Ratio Lower Upper
43 100
61 27.2 22.6 34.0
87 13.9 11.8 17.8



#44
Trichloroethene
Concen: 17.457 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:130 Resp: 34777
Ion Ratio Lower Upper
130 100
95 98.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.393 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

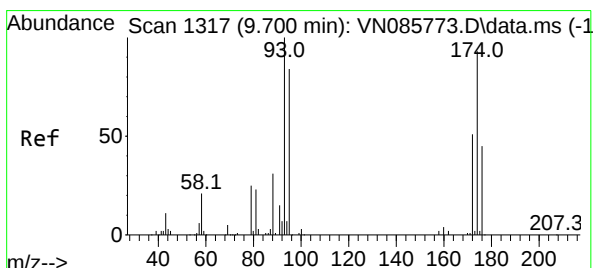
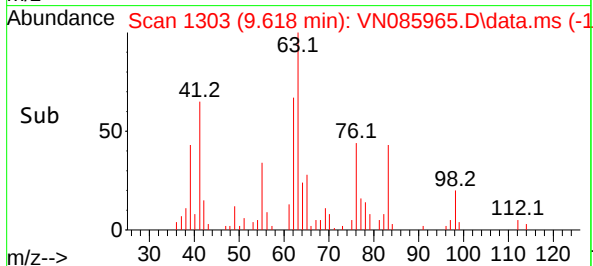
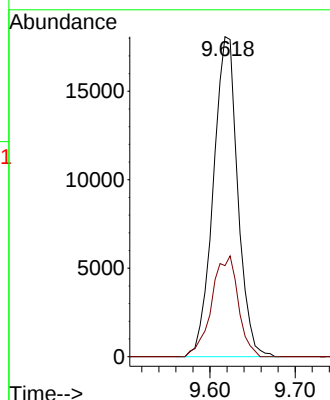
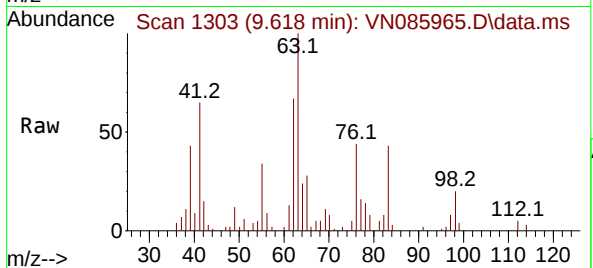
VN0312MBS01

Tgt Ion: 63 Resp: 36021

Ion Ratio Lower Upper

63 100

65 28.4 25.1 37.7



#46

Dibromomethane

Concen: 18.371 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

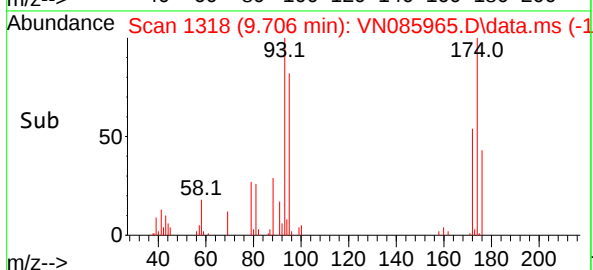
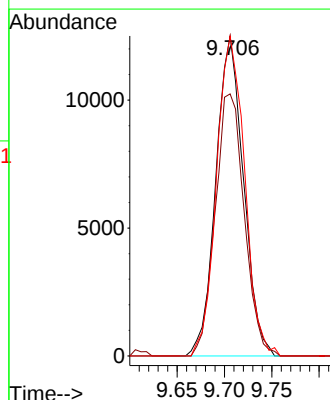
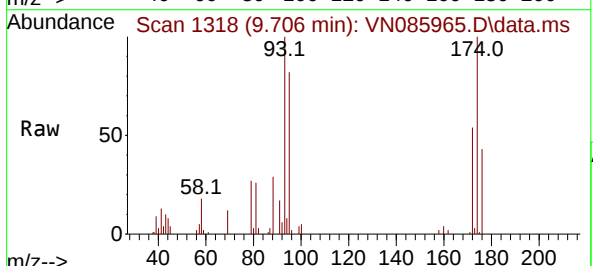
Tgt Ion: 93 Resp: 25378

Ion Ratio Lower Upper

93 100

95 86.2 66.7 100.1

174 101.3 77.2 115.8

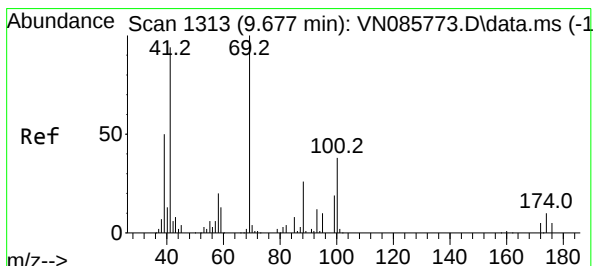
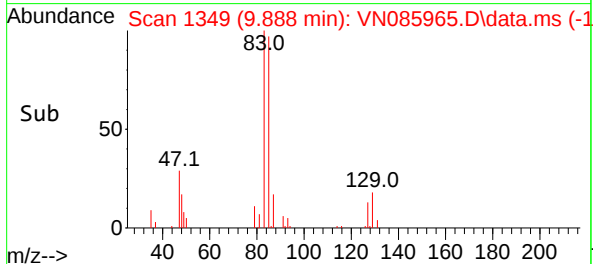
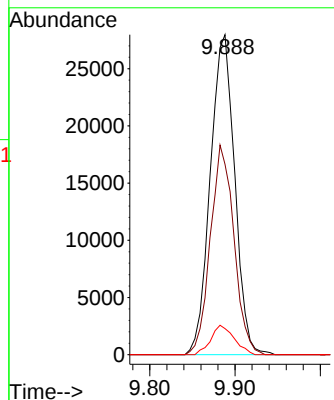
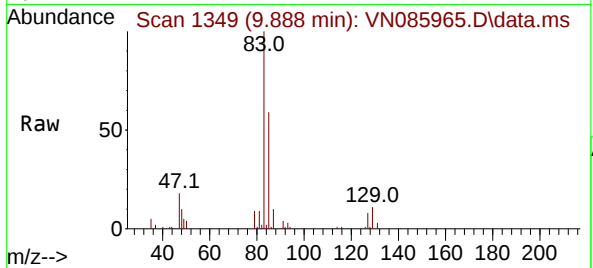




#47
Bromodichloromethane
Concen: 18.817 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

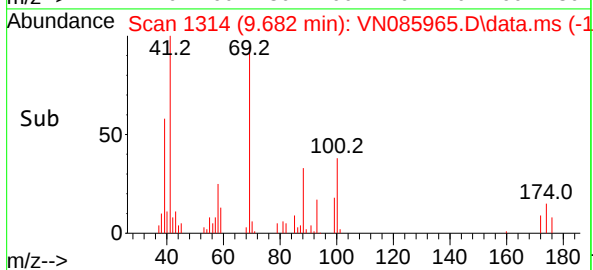
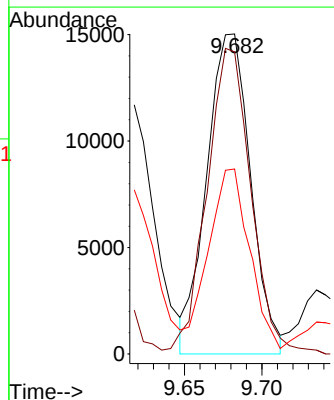
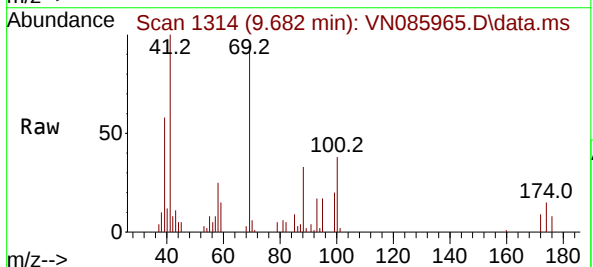
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

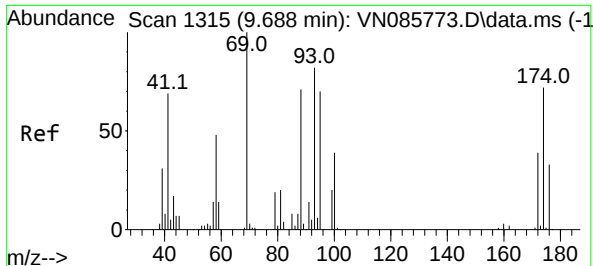
Tgt Ion: 83 Resp: 55613
Ion Ratio Lower Upper
83 100
85 59.5 50.5 75.7
127 8.1 7.2 10.8



#48
Methyl methacrylate
Concen: 19.133 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 41 Resp: 29601
Ion Ratio Lower Upper
41 100
69 96.1 76.0 114.0
39 55.4 42.3 63.5





#49

1,4-Dioxane

Concen: 415.181 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

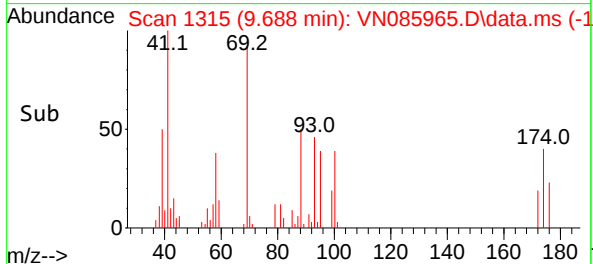
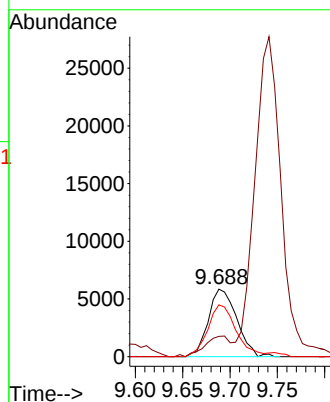
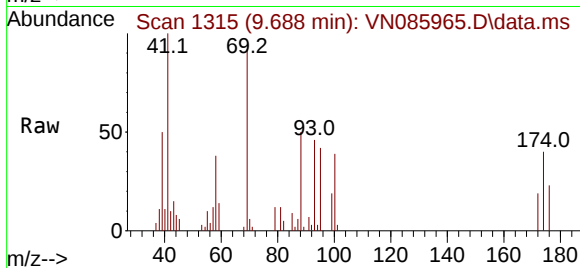
Tgt Ion: 88 Resp: 12215

Ion Ratio Lower Upper

88 100

43 26.5 18.6 27.8

58 79.6 56.7 85.1



#50

Toluene-d8

Concen: 48.374 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085965.D

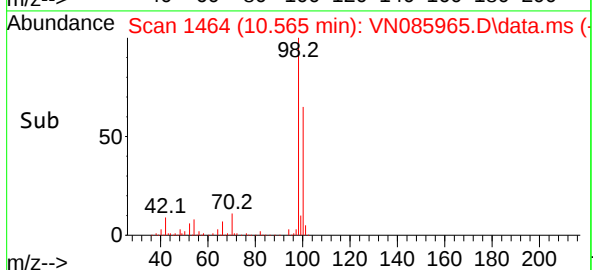
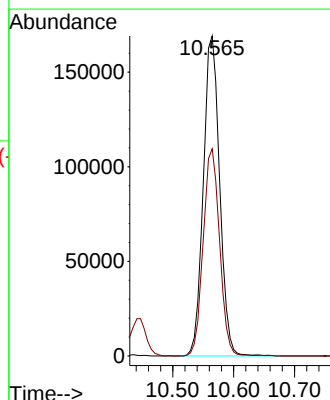
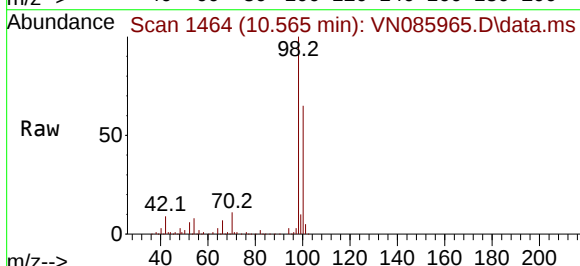
Acq: 12 Mar 2025 17:18

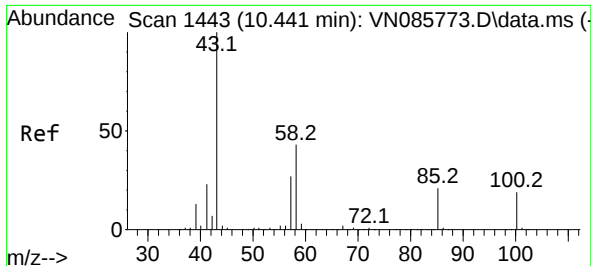
Tgt Ion: 98 Resp: 314806

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

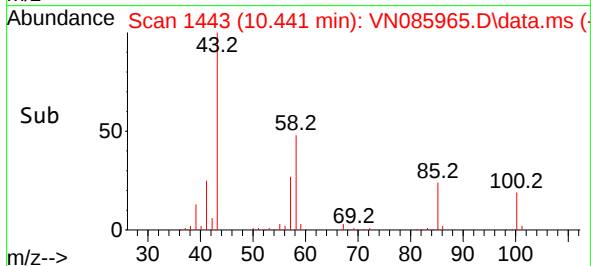
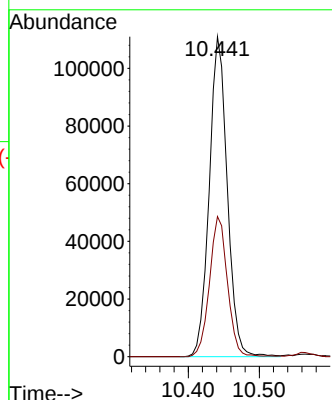
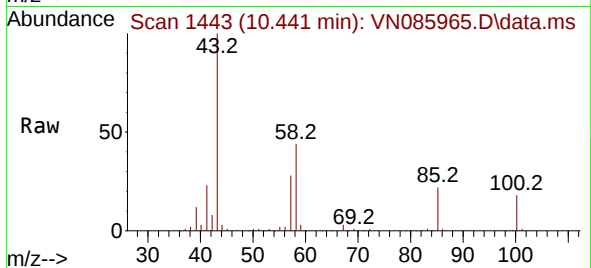




#51
4-Methyl-2-Pentanone
Concen: 97.499 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

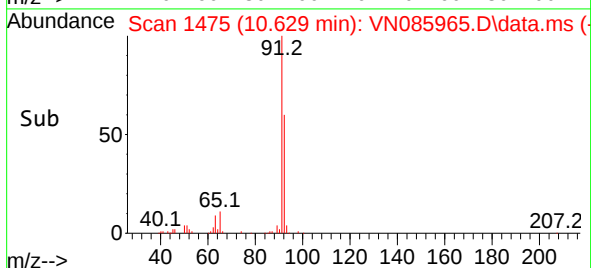
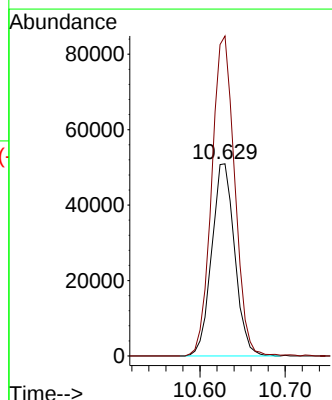
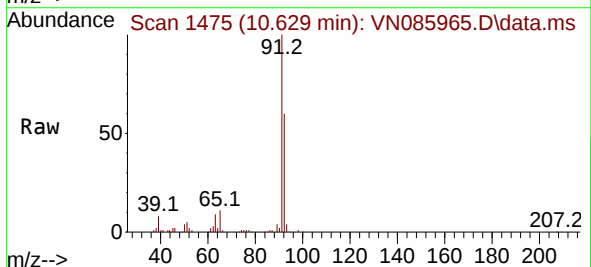
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

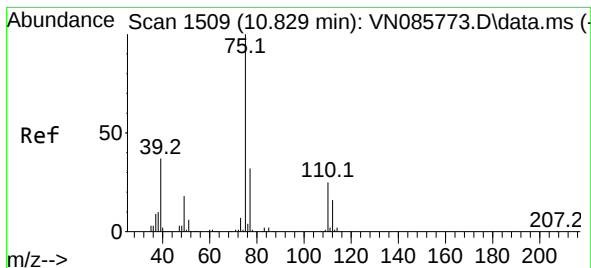
Tgt Ion: 43 Resp: 195831
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 20.046 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 92 Resp: 95342
Ion Ratio Lower Upper
92 100
91 167.0 136.9 205.3

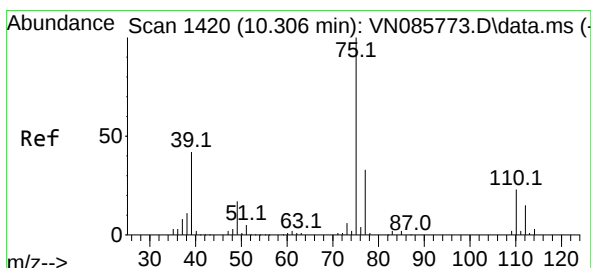
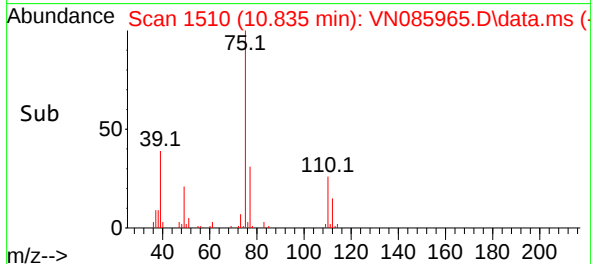
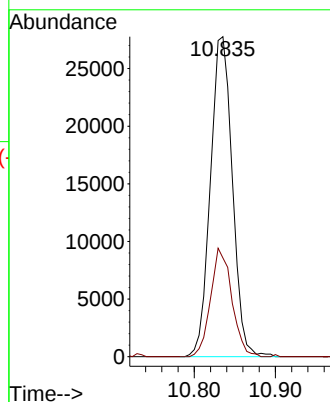
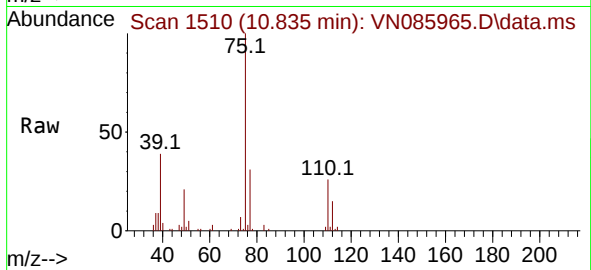




#53
 t-1,3-Dichloropropene
 Concen: 19.084 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

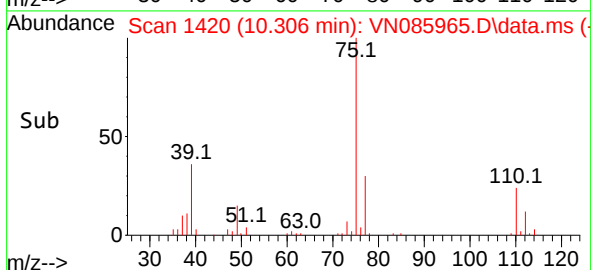
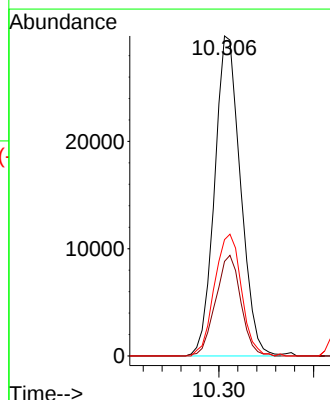
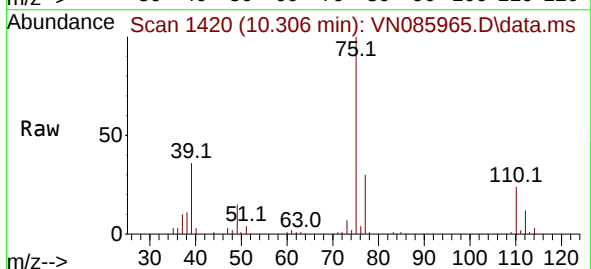
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Tgt Ion: 75 Resp: 52155
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.925 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion: 75 Resp: 56716
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.1 39.1
 39 36.4 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 18.618 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

Tgt Ion: 97 Resp: 35207

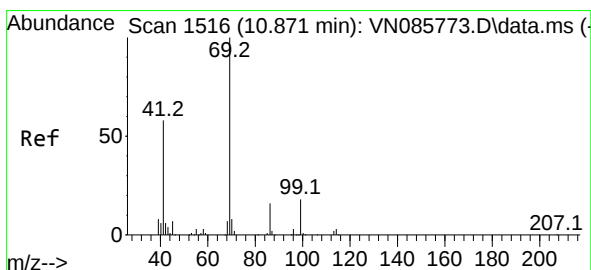
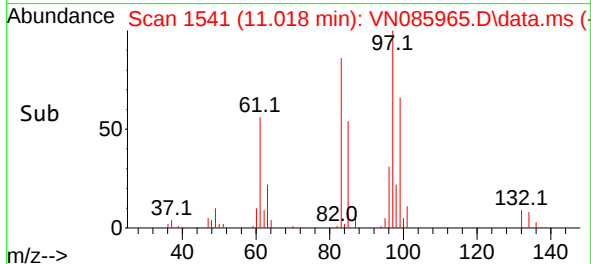
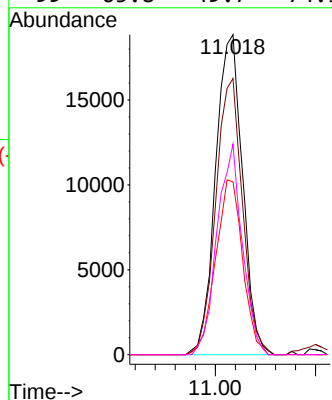
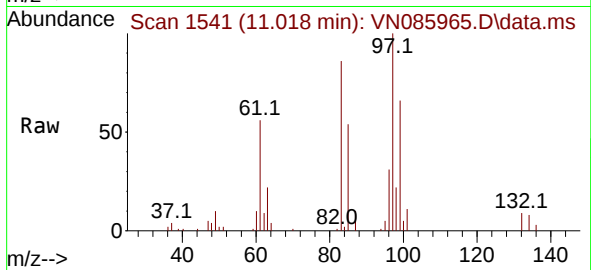
Ion Ratio Lower Upper

97 100

83 86.3 66.1 99.1

85 54.0 44.7 67.1

99 65.8 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.147 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

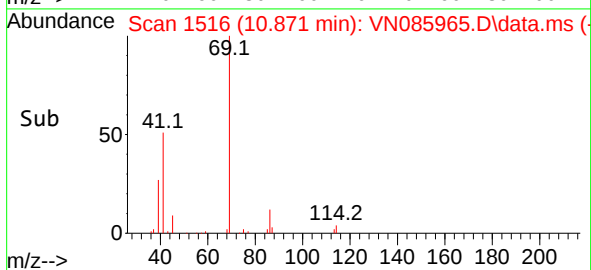
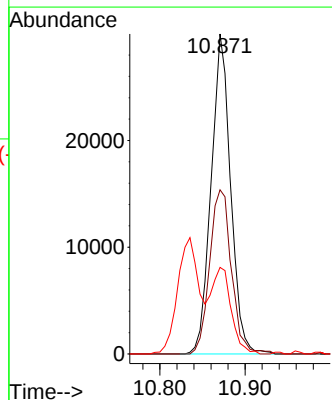
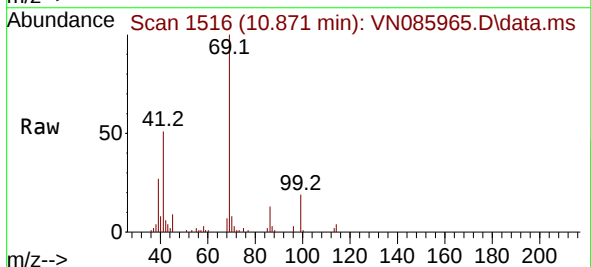
Tgt Ion: 69 Resp: 47674

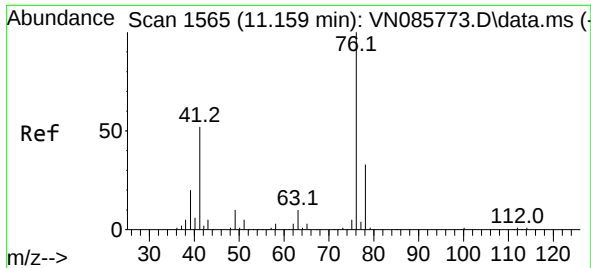
Ion Ratio Lower Upper

69 100

41 57.5 46.0 69.0

39 27.9 22.0 33.0

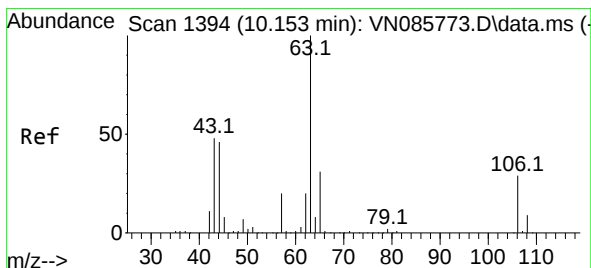
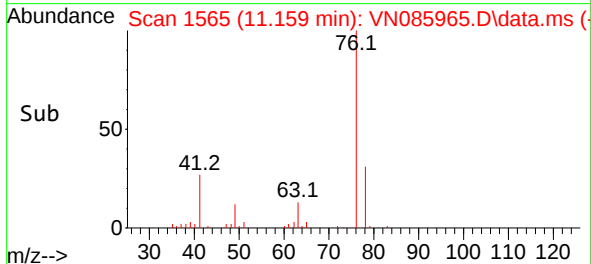
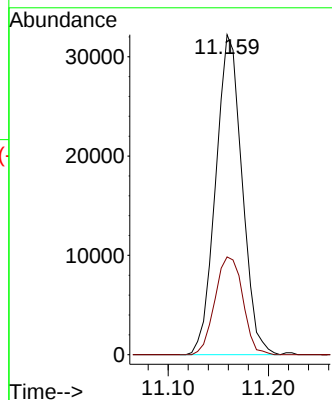
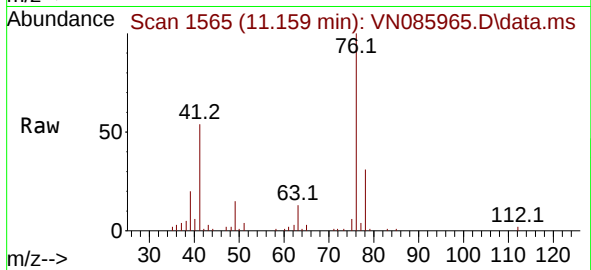




#57
1,3-Dichloropropane
Concen: 18.644 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

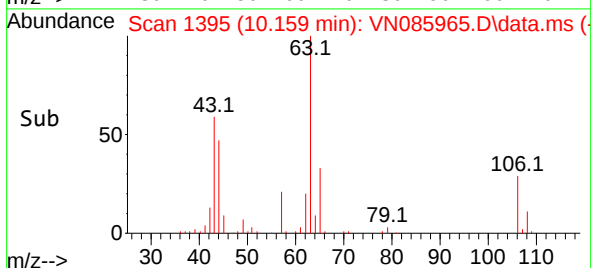
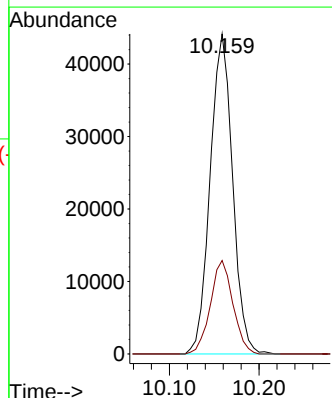
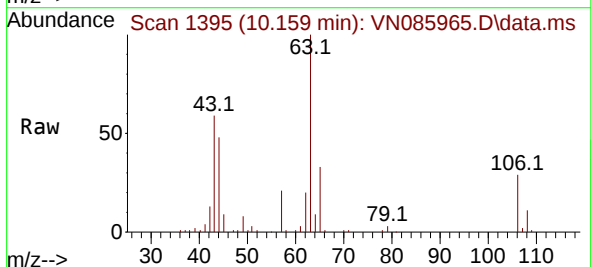
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

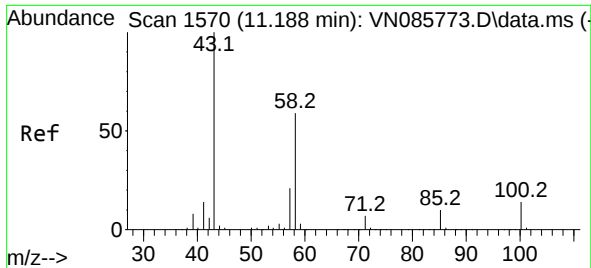
Tgt Ion: 76 Resp: 58854
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 84.675 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 63 Resp: 76649
Ion Ratio Lower Upper
63 100
106 29.4 22.7 34.1

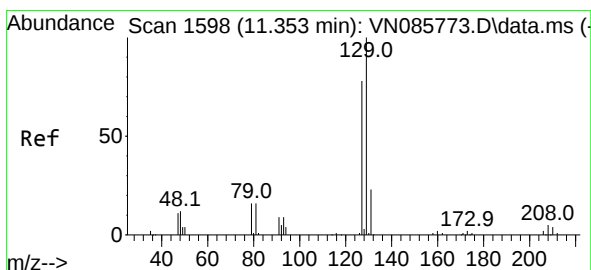
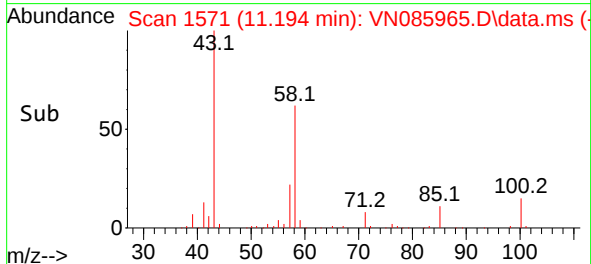
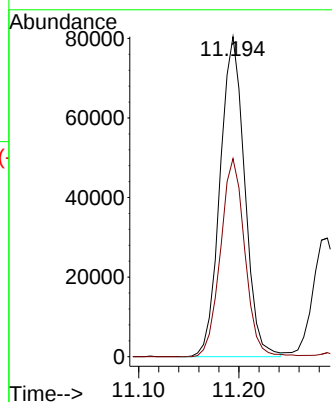
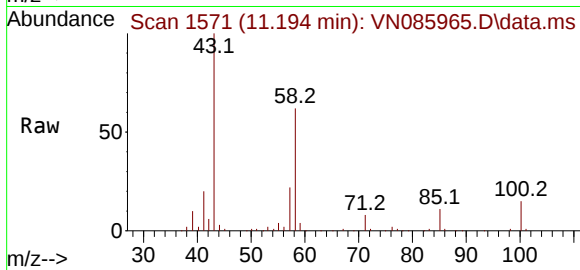




#59
2-Hexanone
Concen: 99.103 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

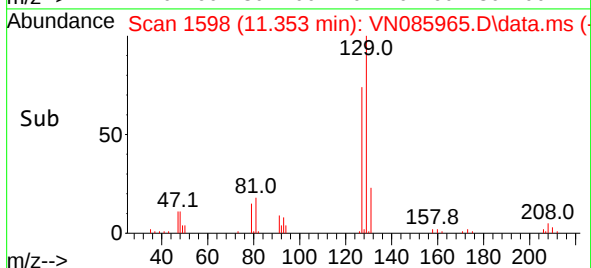
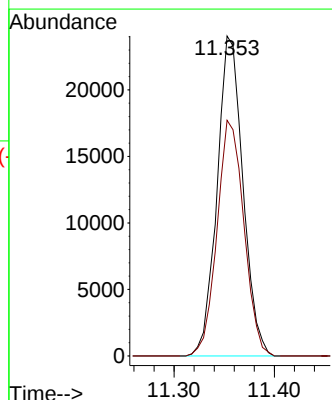
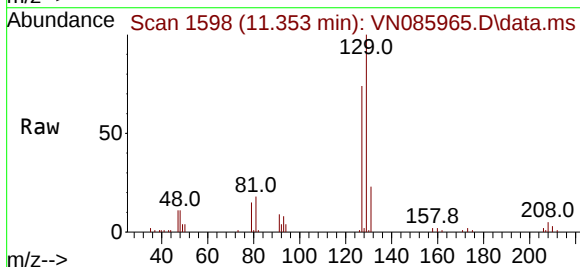
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

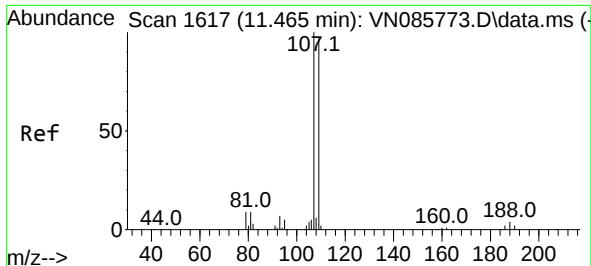
Tgt Ion: 43 Resp: 136937
Ion Ratio Lower Upper
43 100
58 61.1 29.8 89.5



#60
Dibromochloromethane
Concen: 19.536 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 129 Resp: 43017
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.5

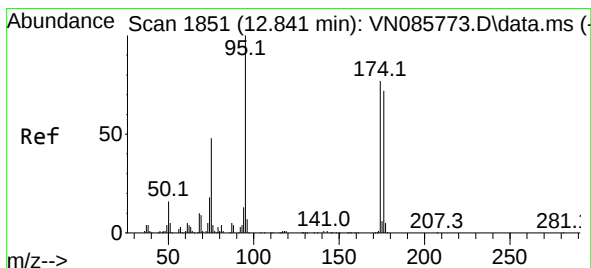
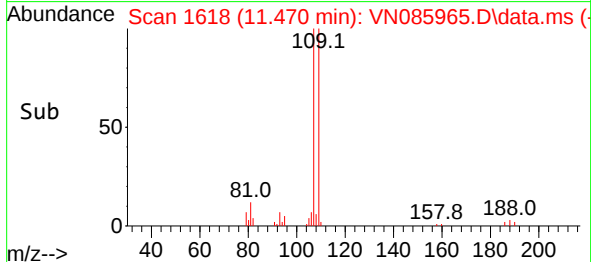
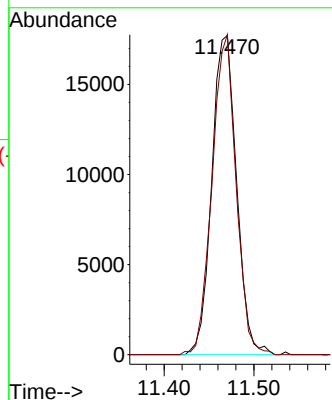
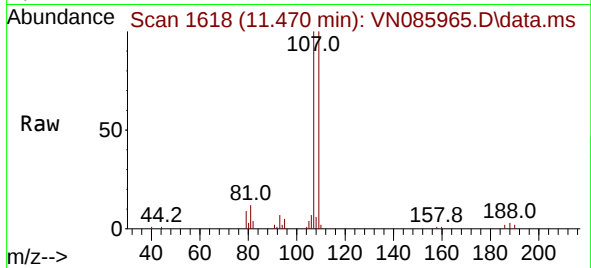




#61
1,2-Dibromoethane
Concen: 19.005 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.005 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

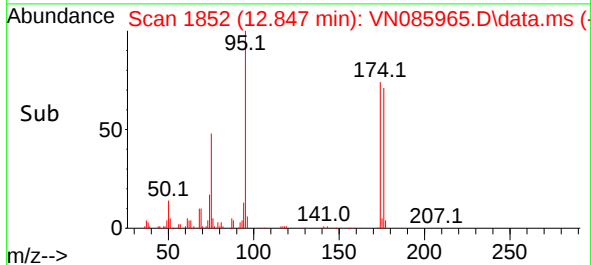
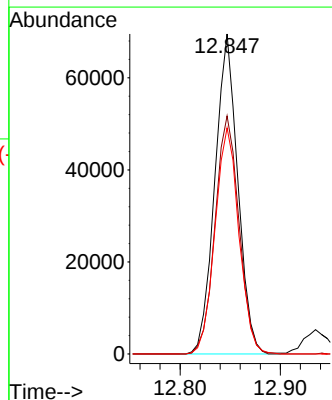
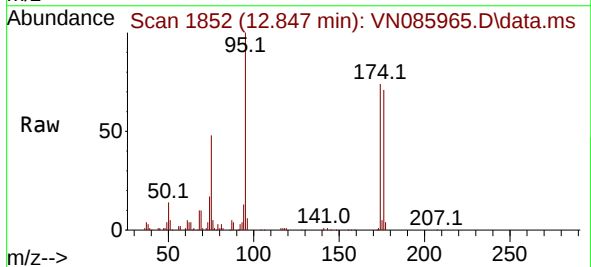
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

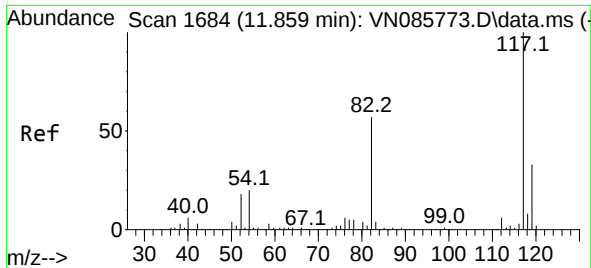
Tgt Ion:107 Resp: 33956
Ion Ratio Lower Upper
107 100
109 97.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 51.485 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 95 Resp: 110393
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 73.7 0.0 146.6

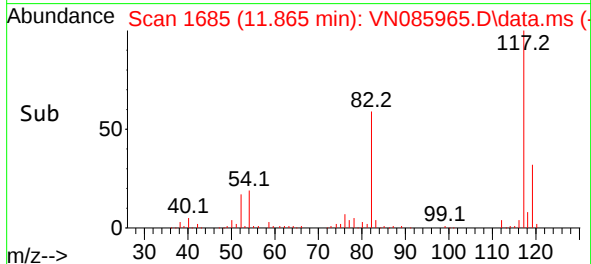
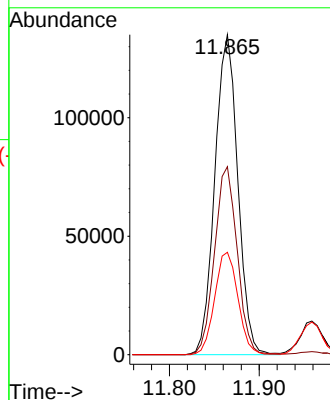
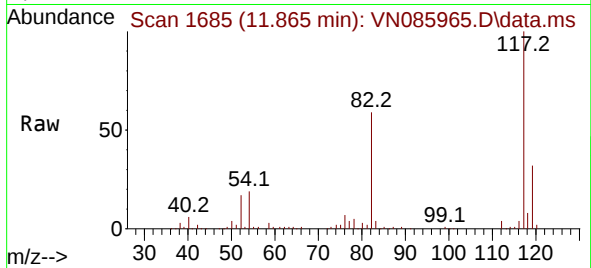




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

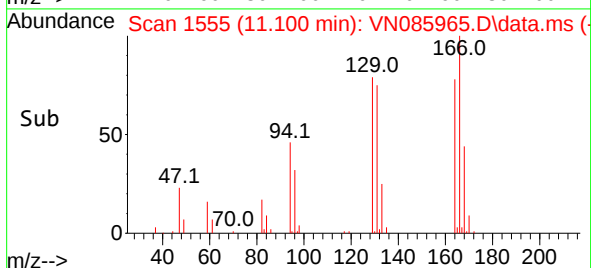
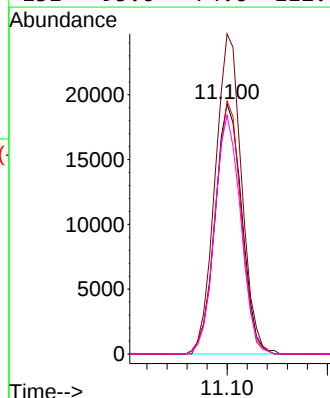
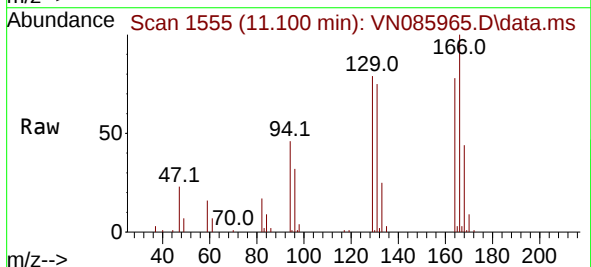
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

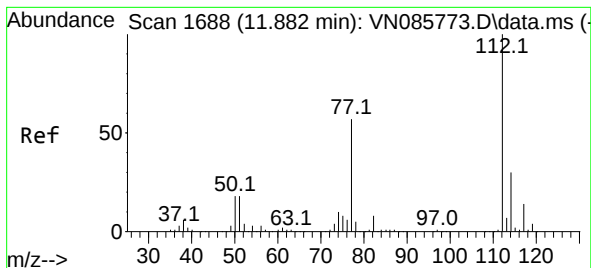
Tgt Ion:117 Resp: 240145
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 19.235 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:164 Resp: 35785
Ion Ratio Lower Upper
164 100
166 128.1 107.2 160.8
129 101.2 80.7 121.1
131 95.6 74.6 112.0





#65

Chlorobenzene

Concen: 17.822 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

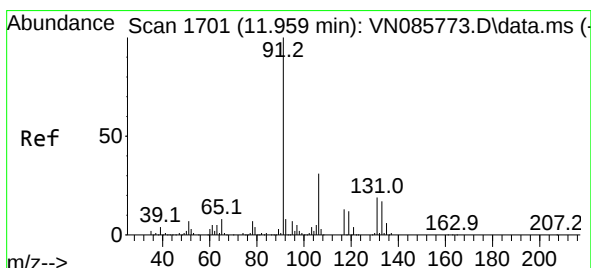
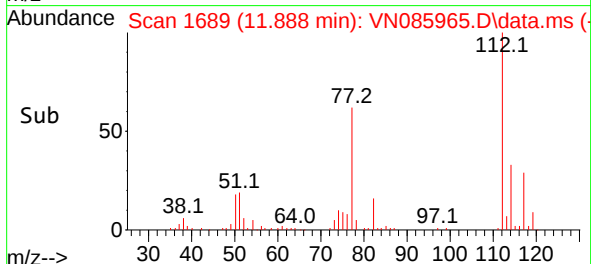
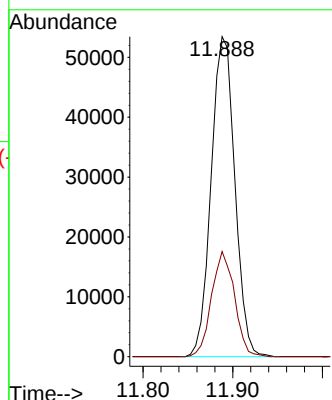
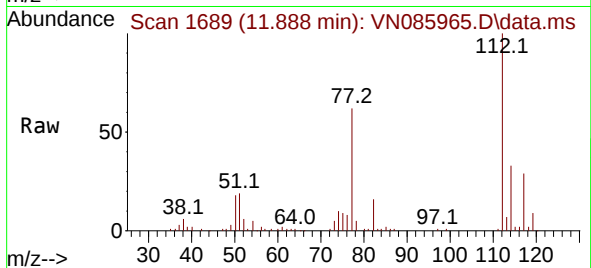
VN0312MBS01

Tgt Ion:112 Resp: 98045

Ion Ratio Lower Upper

112 100

114 32.9 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.925 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

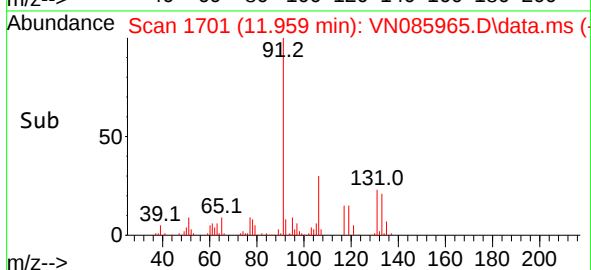
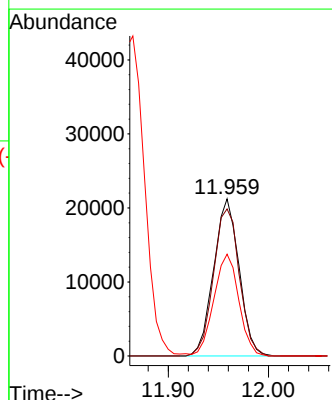
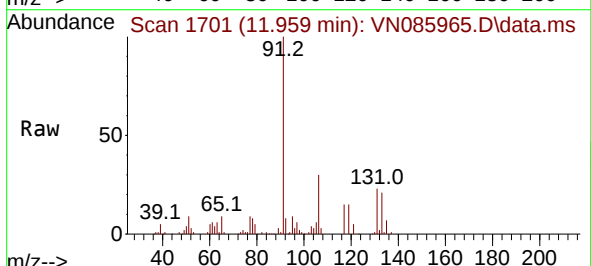
Tgt Ion:131 Resp: 37422

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 63.4 33.3 99.8

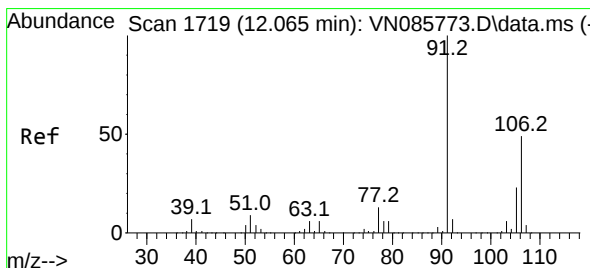
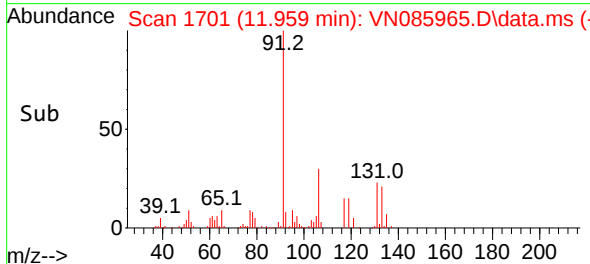
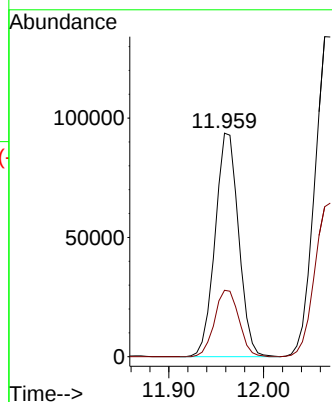
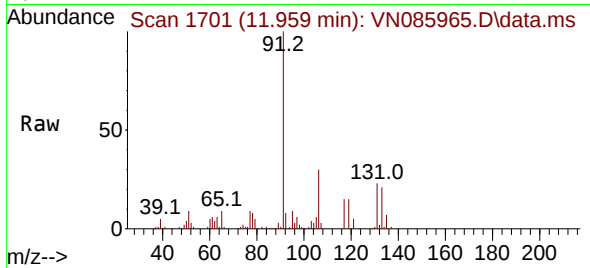




#67
Ethyl Benzene
Concen: 18.773 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

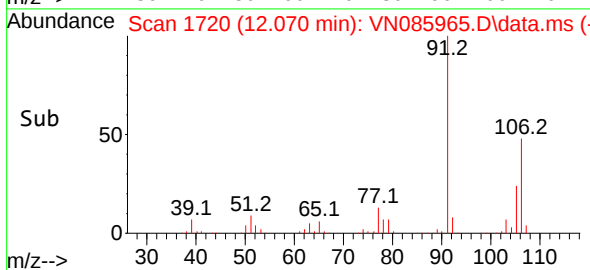
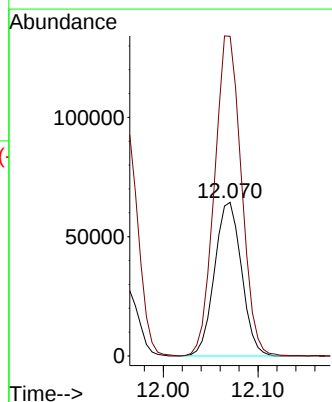
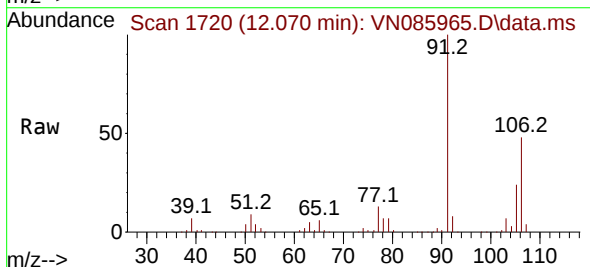
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 91 Resp: 161777
Ion Ratio Lower Upper
91 100
106 29.7 24.7 37.1



#68
m/p-Xylenes
Concen: 38.963 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:106 Resp: 127541
Ion Ratio Lower Upper
106 100
91 207.9 163.3 244.9

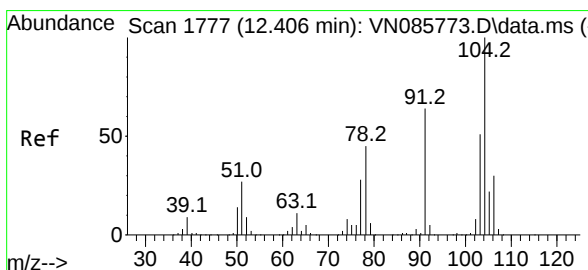
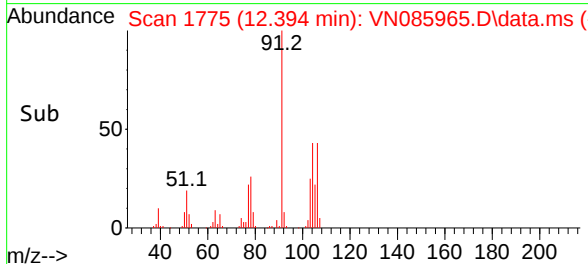
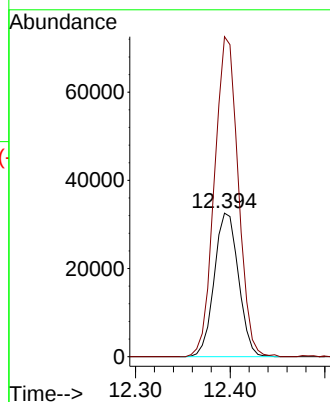
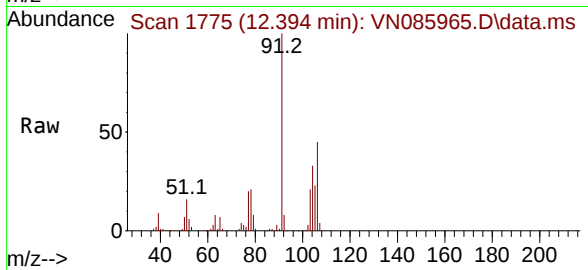




#69
o-Xylene
Concen: 18.639 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

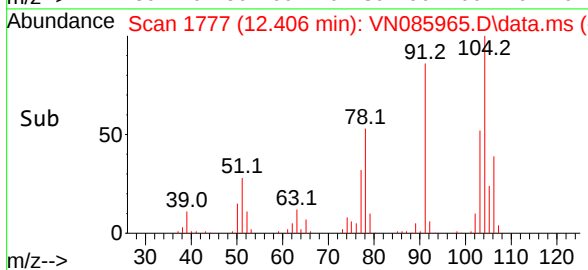
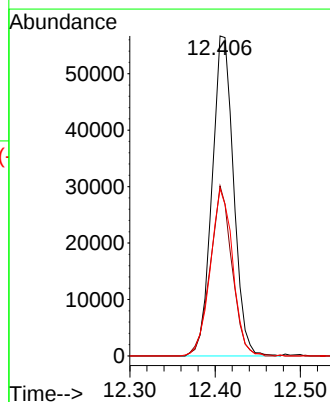
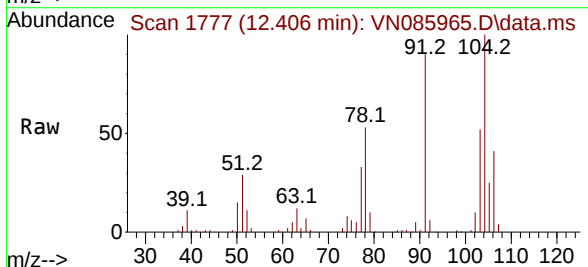
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

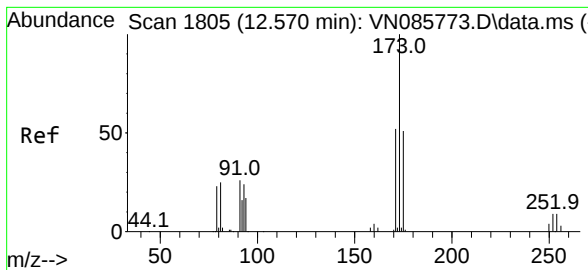
Tgt Ion:106 Resp: 57977
Ion Ratio Lower Upper
106 100
91 218.5 107.1 321.4



#70
Styrene
Concen: 18.666 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:104 Resp: 99612
Ion Ratio Lower Upper
104 100
78 53.5 39.0 58.6
103 54.3 43.3 64.9

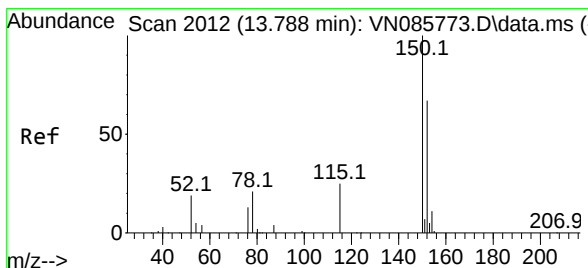
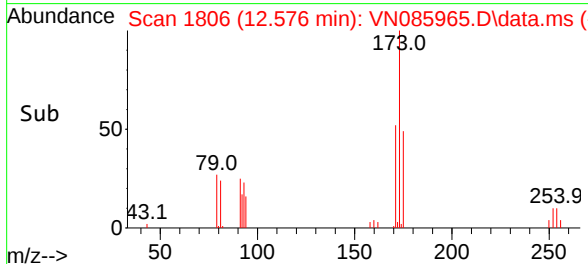
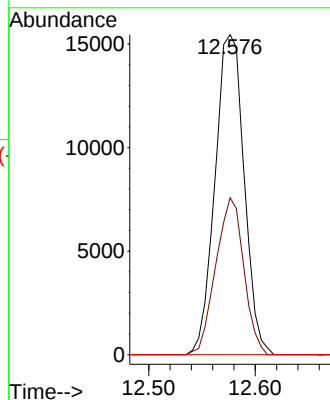
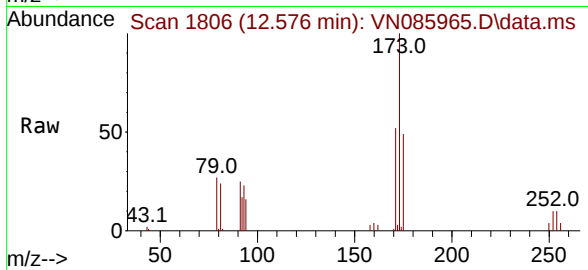




#71
Bromoform
Concen: 19.938 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

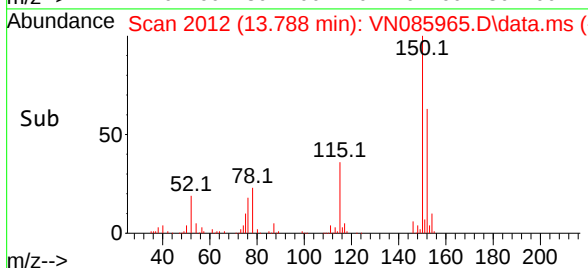
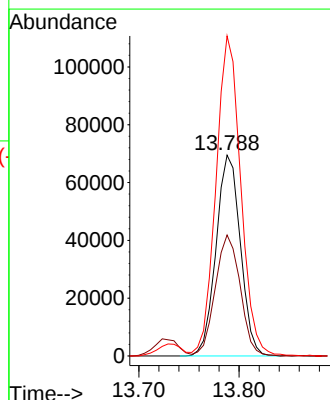
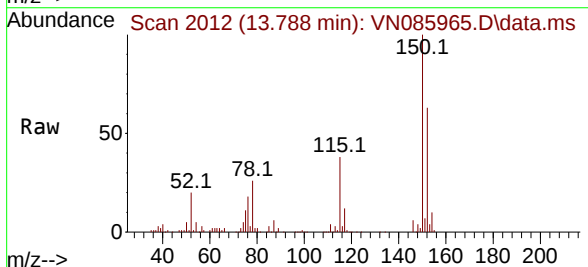
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

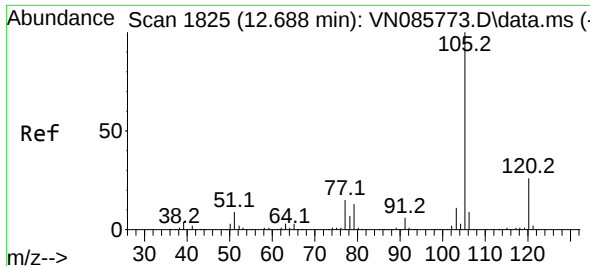
Tgt Ion:173 Resp: 29295
Ion Ratio Lower Upper
173 100
175 47.2 25.1 75.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:152 Resp: 116824
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 162.3 0.0 345.4

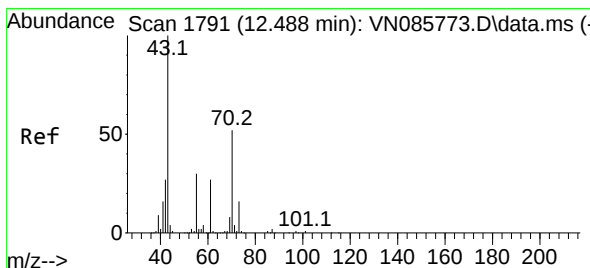
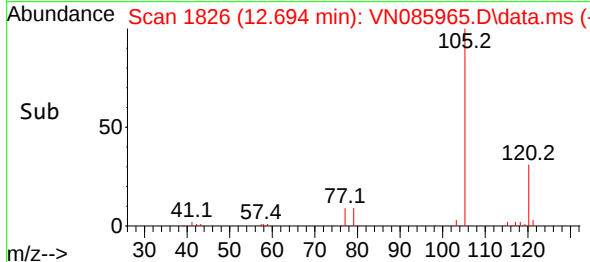
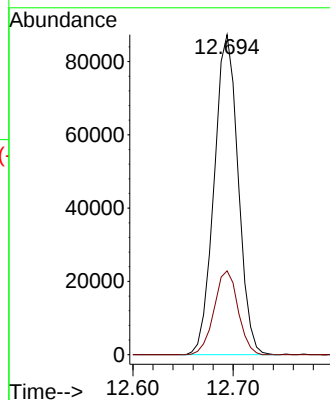
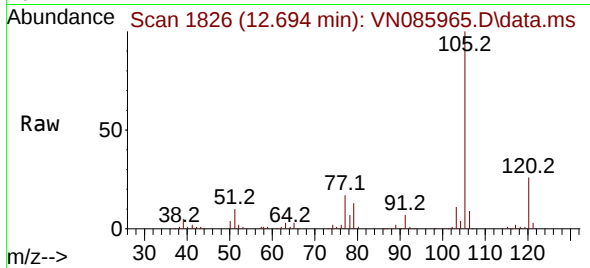




#73
Isopropylbenzene
Concen: 18.135 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

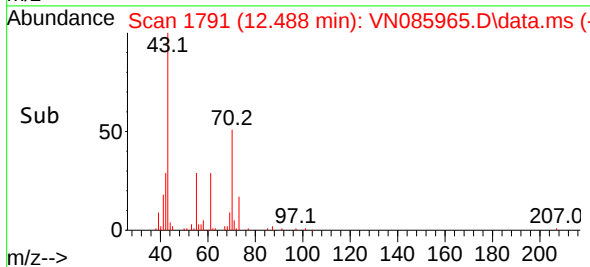
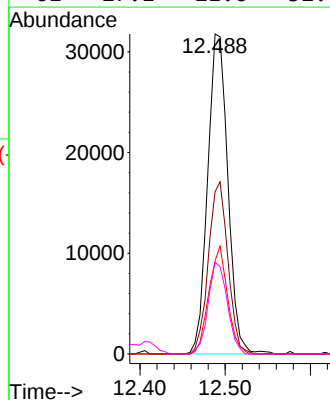
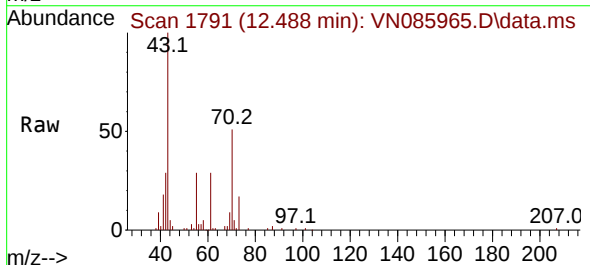
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

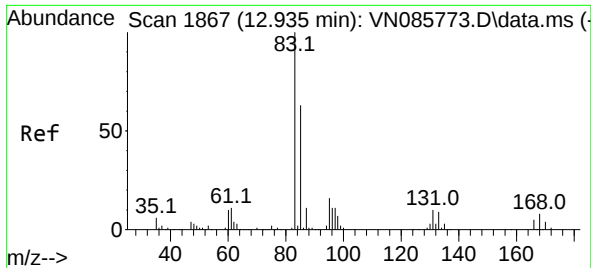
Tgt Ion:105 Resp: 145141
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 18.541 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 43 Resp: 52329
Ion Ratio Lower Upper
43 100
70 52.0 41.0 61.4
55 31.2 24.6 36.8
61 27.1 21.6 32.4

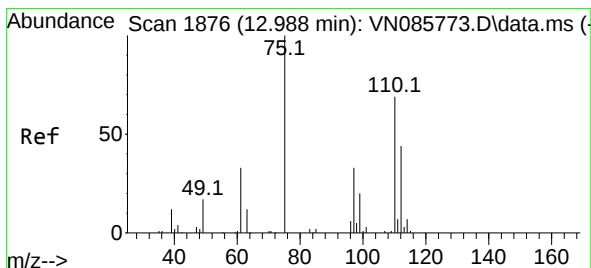
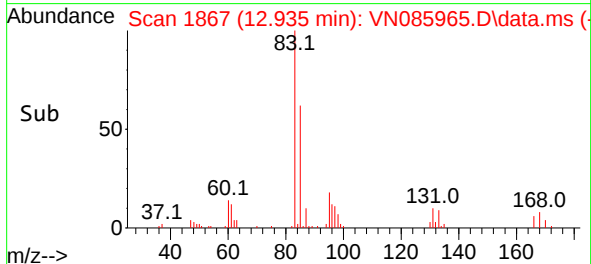
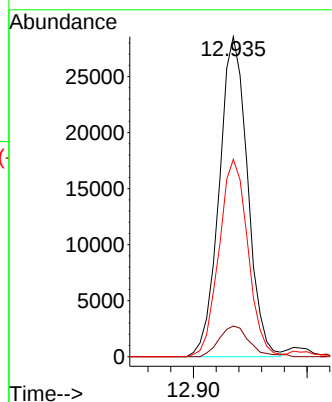
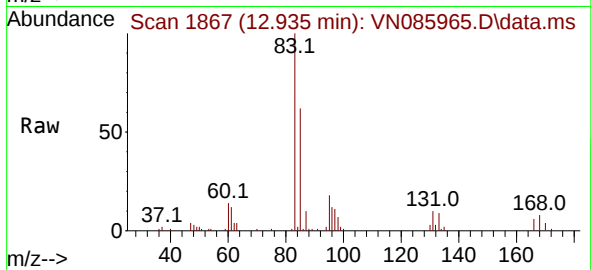




#75
1,1,2,2-Tetrachloroethane
Concen: 17.935 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

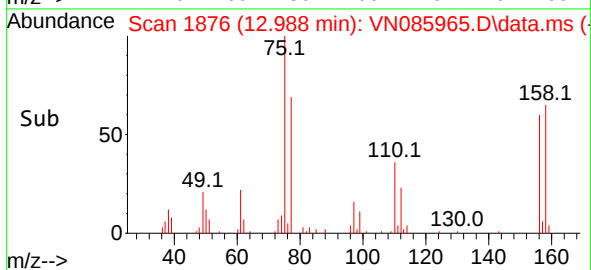
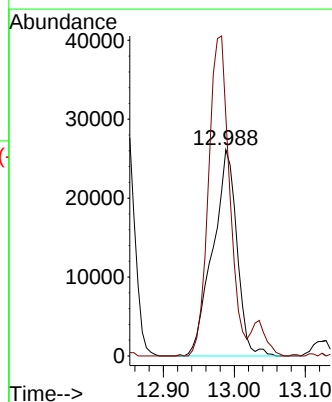
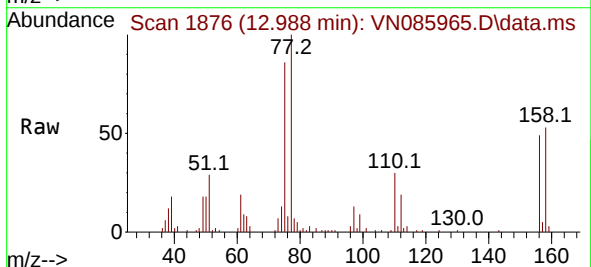
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

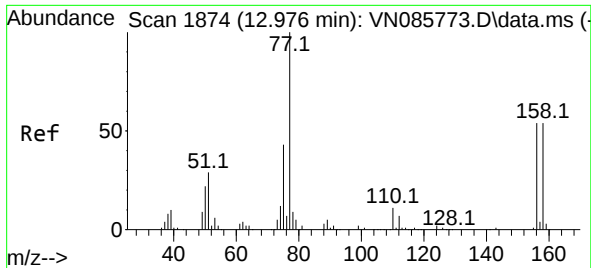
Tgt Ion: 83 Resp: 49396
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 23.741 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 75 Resp: 61610
Ion Ratio Lower Upper
75 100
77 135.0 100.0 300.0

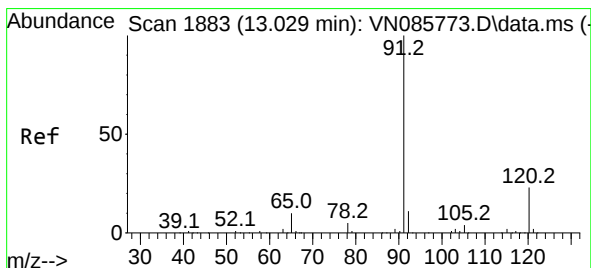
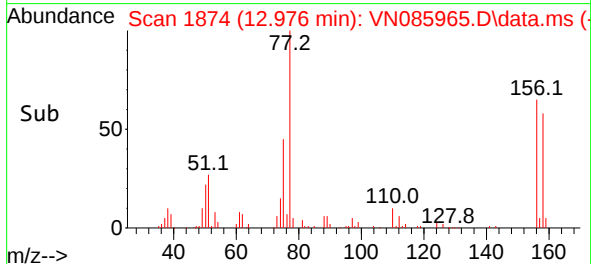
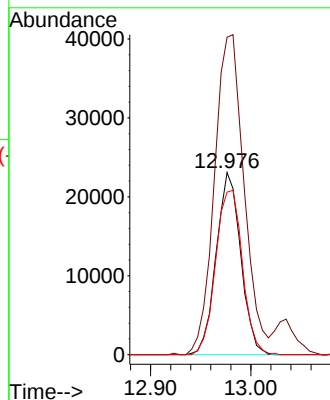
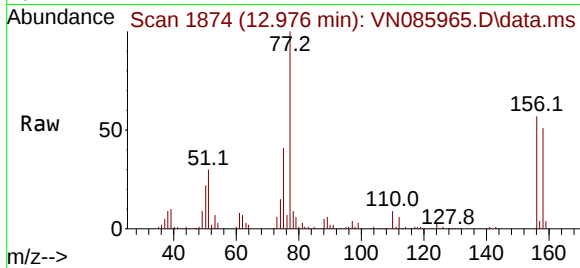




#77
Bromobenzene
Concen: 18.121 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

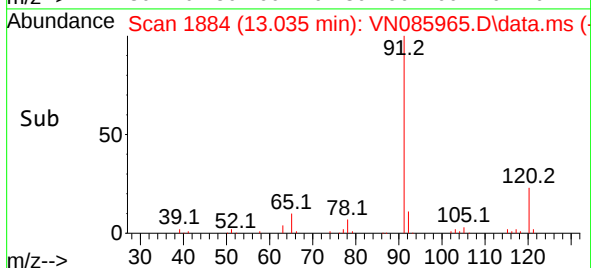
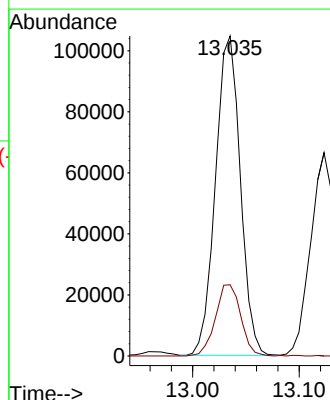
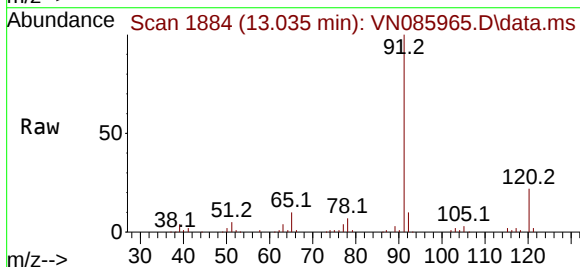
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion:156 Resp: 39183
Ion Ratio Lower Upper
156 100
77 212.2 104.1 312.3
158 98.5 48.1 144.4



#78
n-propylbenzene
Concen: 18.491 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 91 Resp: 169492
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

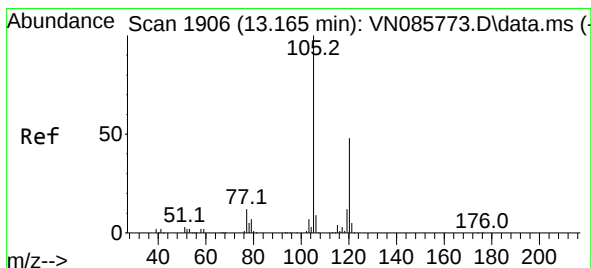
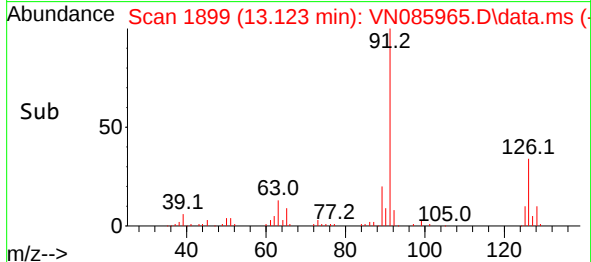
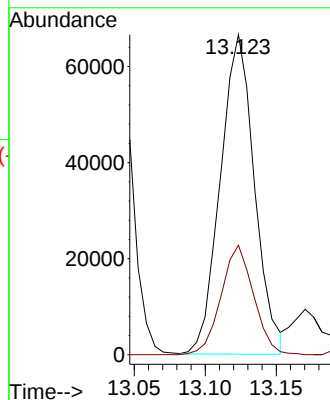
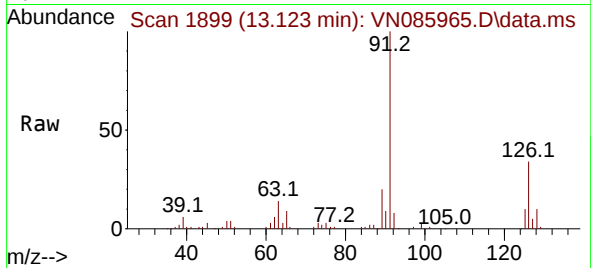




#79
2-Chlorotoluene
Concen: 18.153 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

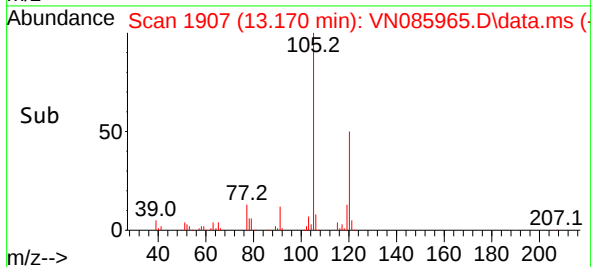
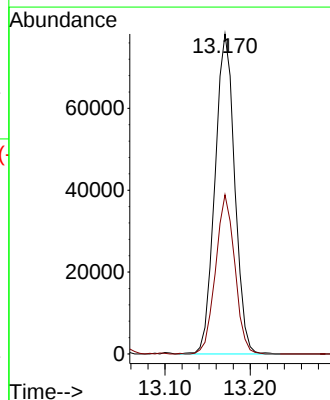
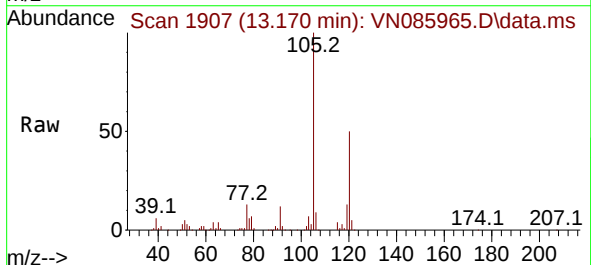
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 91 Resp: 111171
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.300 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion:105 Resp: 125829
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

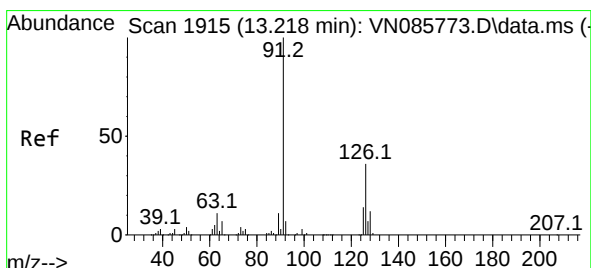
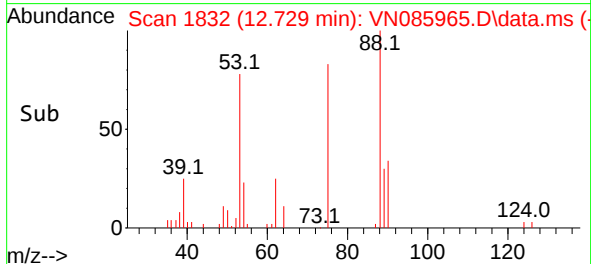
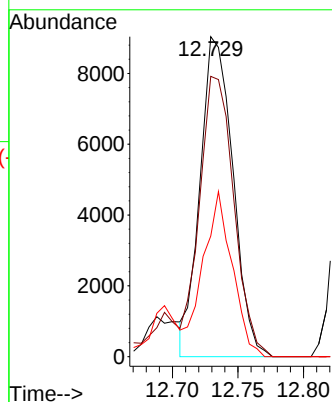
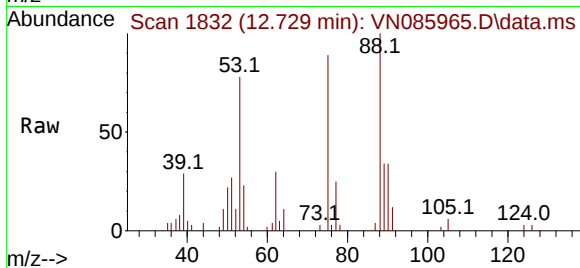




#81
trans-1,4-Dichloro-2-butene
Concen: 17.711 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

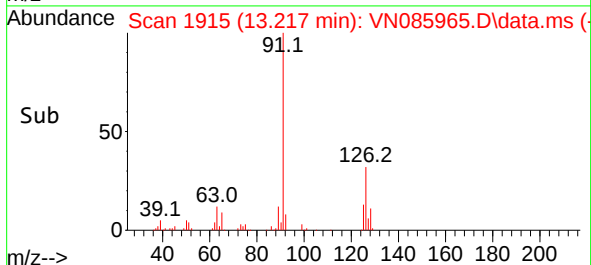
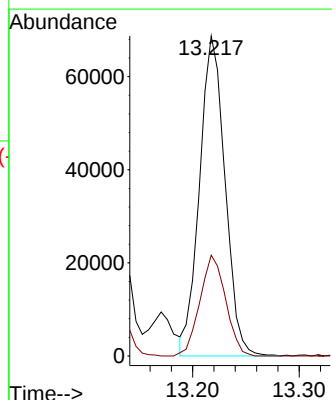
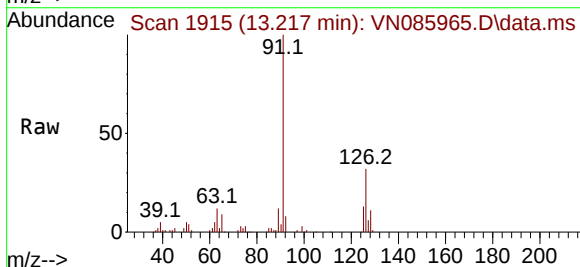
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

Tgt Ion: 75 Resp: 15752
Ion Ratio Lower Upper
75 100
53 91.9 74.2 111.4
89 46.4 34.9 52.3



#82
4-Chlorotoluene
Concen: 18.830 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 91 Resp: 114319
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4





#83

tert-Butylbenzene

Concen: 18.244 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

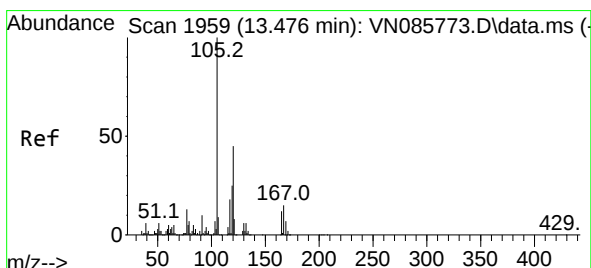
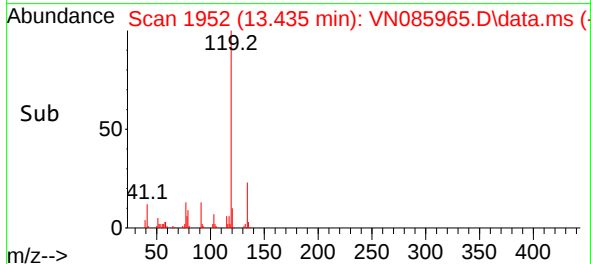
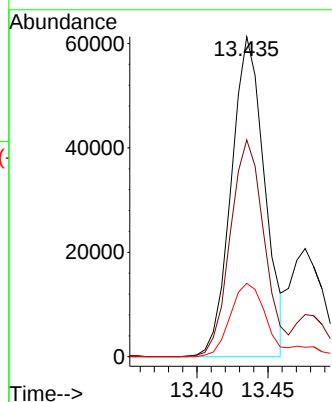
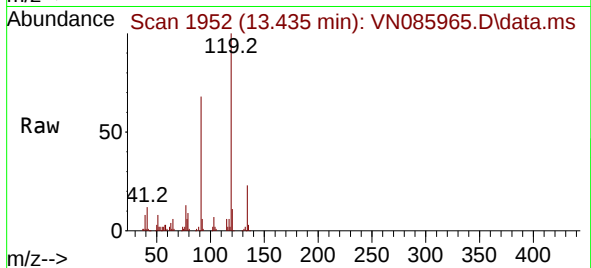
Tgt Ion:119 Resp: 100022

Ion Ratio Lower Upper

119 100

91 69.8 32.5 97.5

134 24.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.941 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085965.D

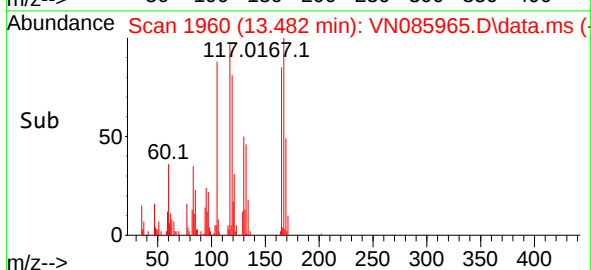
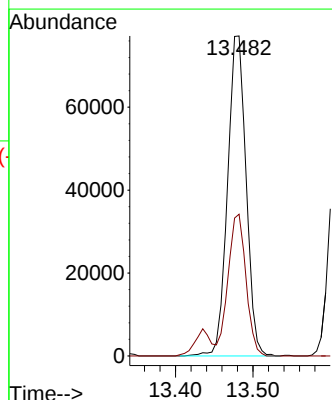
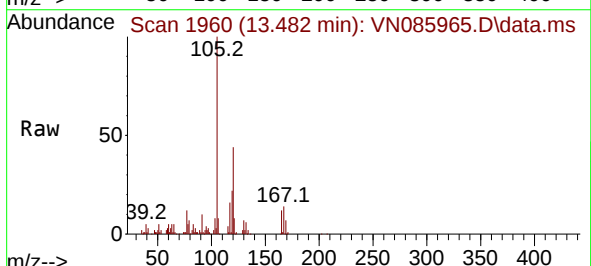
Acq: 12 Mar 2025 17:18

Tgt Ion:105 Resp: 128629

Ion Ratio Lower Upper

105 100

120 42.7 22.4 67.3

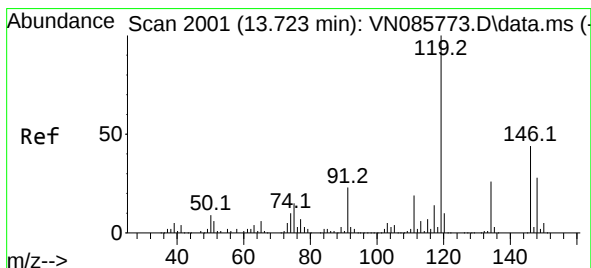
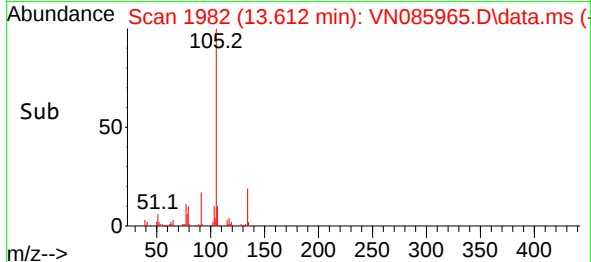
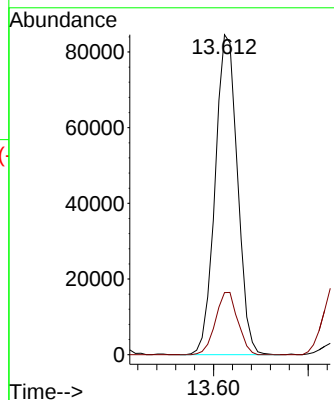
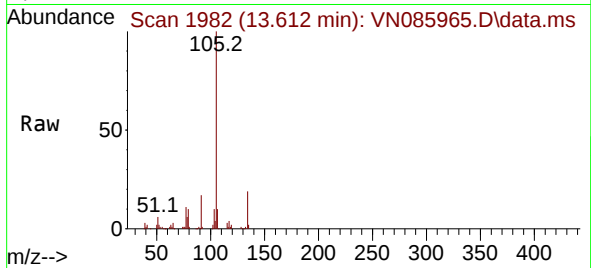




#85
 sec-Butylbenzene
 Concen: 17.900 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

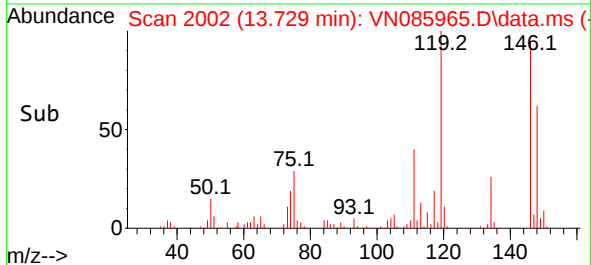
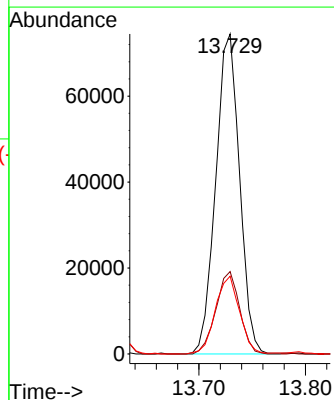
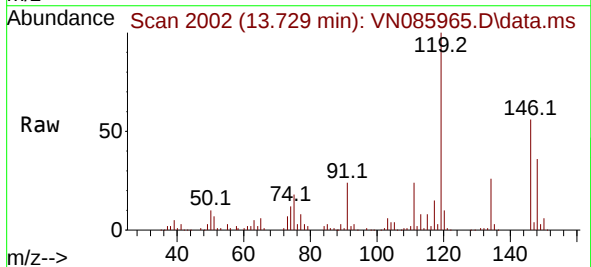
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

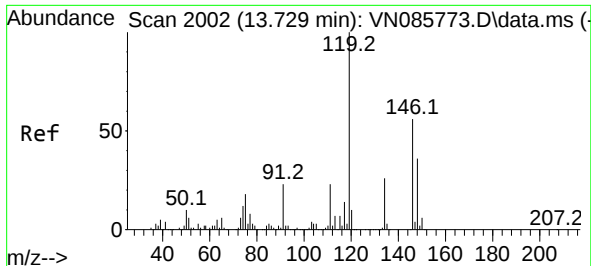
Tgt Ion:105 Resp: 138658
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.559 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion:119 Resp: 115451
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.9 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 17.256 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

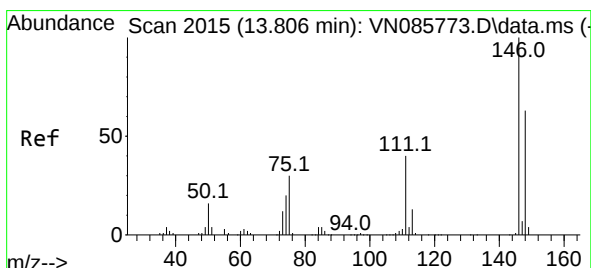
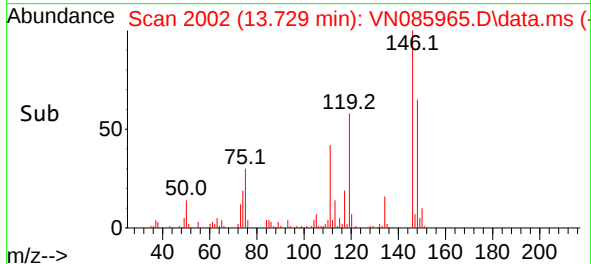
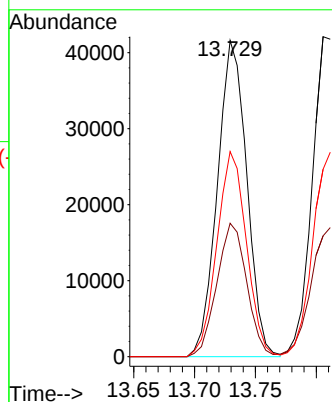
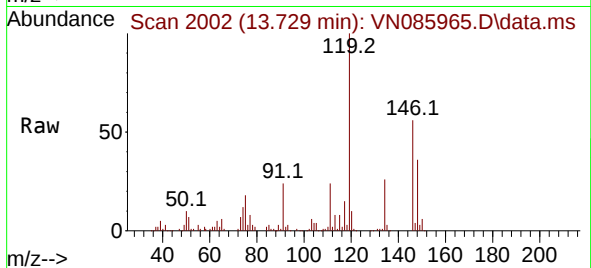
Tgt Ion:146 Resp: 69908

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.3

148 65.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 17.257 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

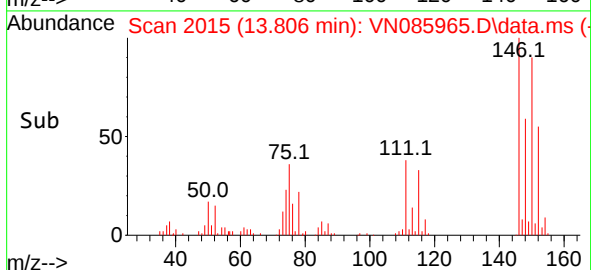
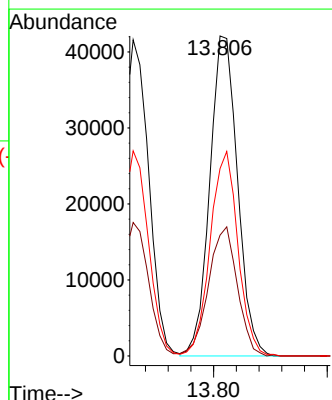
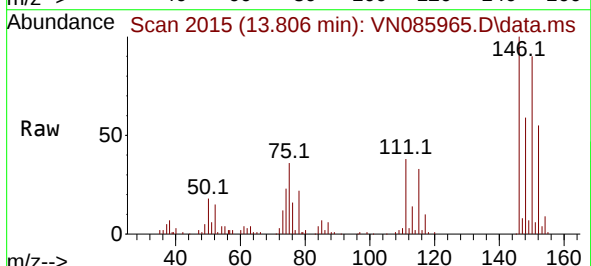
Tgt Ion:146 Resp: 71654

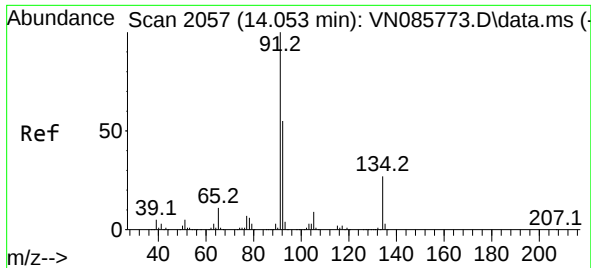
Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

148 63.8 31.8 95.4

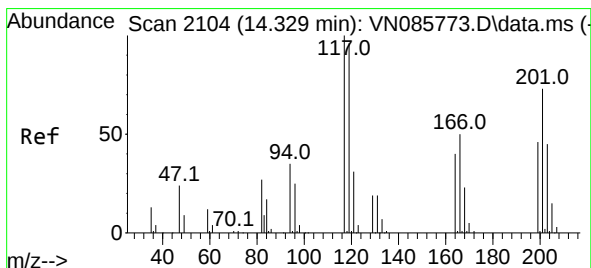
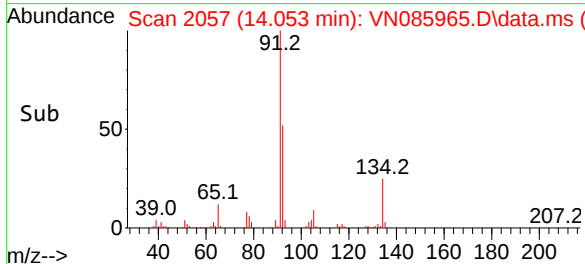
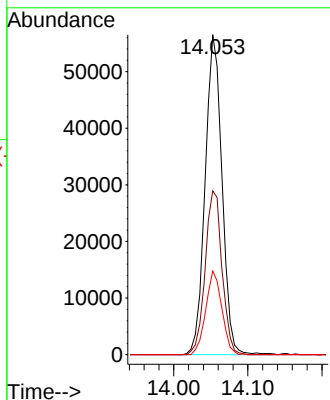
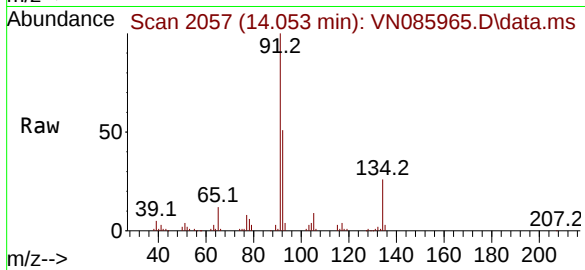




#89
n-Butylbenzene
Concen: 16.271 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

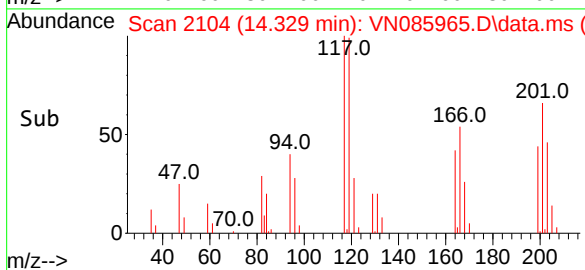
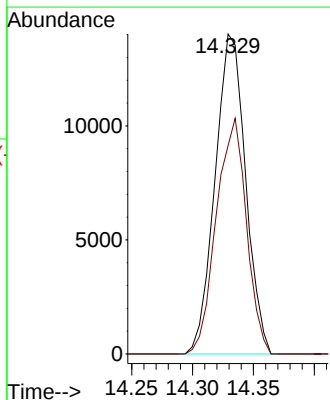
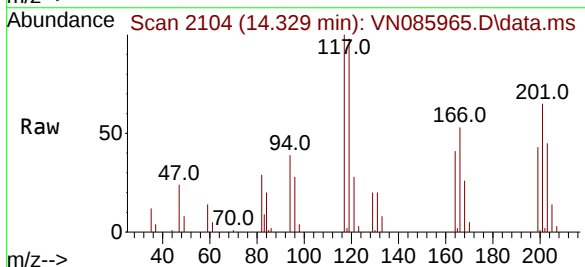
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

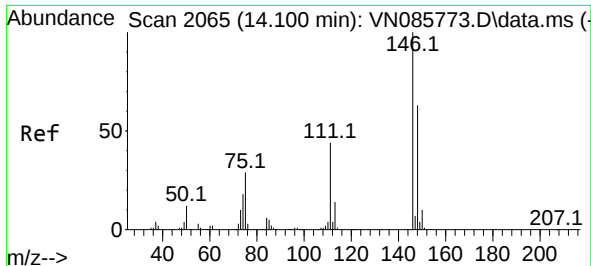
Tgt Ion: 91	Resp:	89485
Ion Ratio	Lower	Upper
91	100	
92	51.1	27.1 81.3
134	25.0	12.7 38.1



#90
Hexachloroethane
Concen: 16.698 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085965.D
Acq: 12 Mar 2025 17:18

Tgt Ion: 117	Resp:	24496
Ion Ratio	Lower	Upper
117	100	
201	72.5	35.6 106.9





#91

1,2-Dichlorobenzene

Concen: 17.920 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

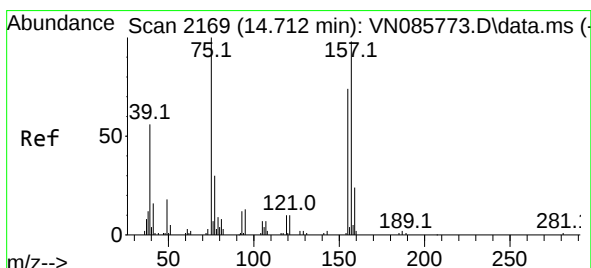
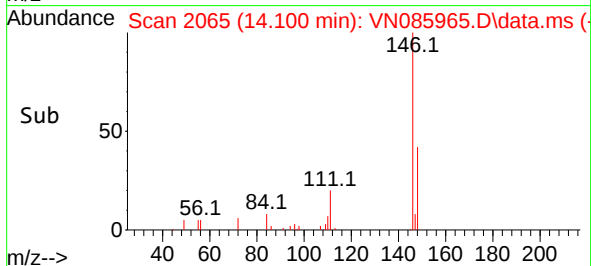
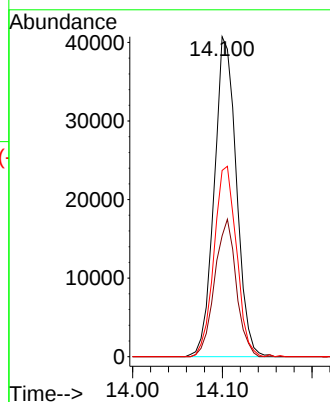
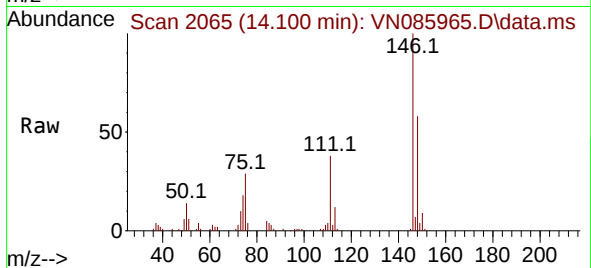
Tgt Ion:146 Resp: 69810

Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

148 60.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.514 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

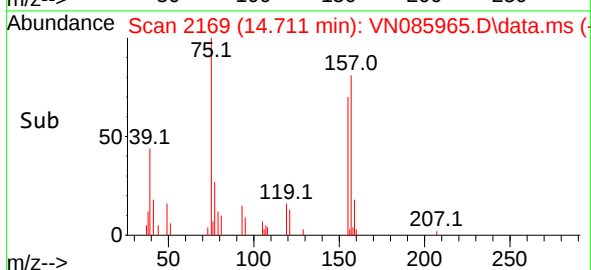
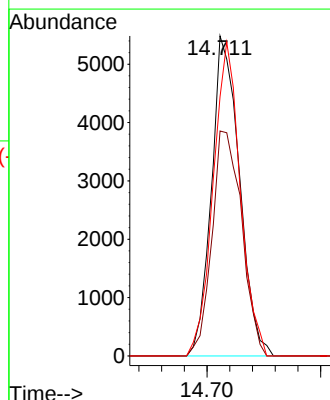
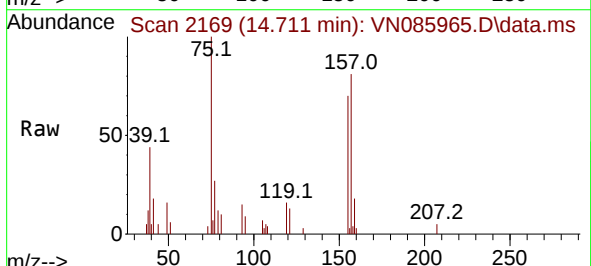
Tgt Ion: 75 Resp: 9363

Ion Ratio Lower Upper

75 100

155 74.8 39.9 119.6

157 95.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 15.986 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

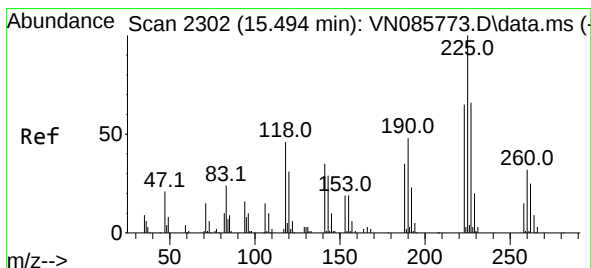
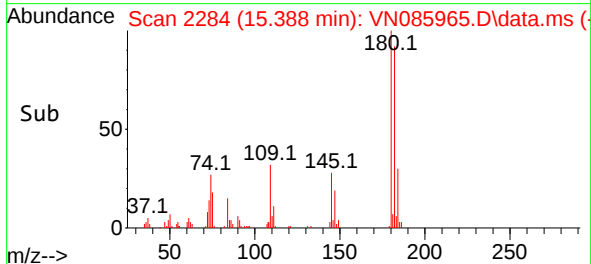
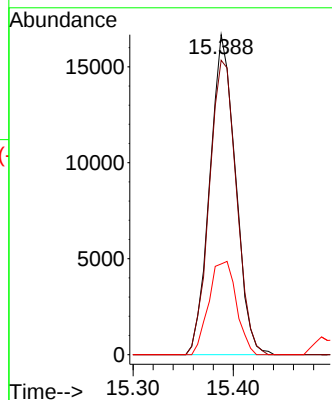
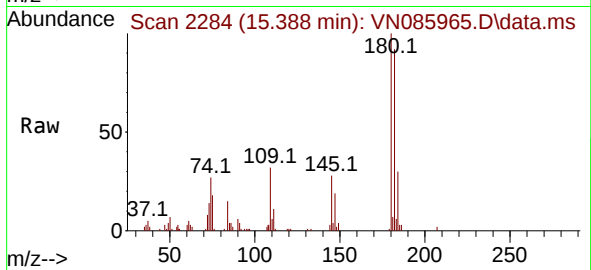
Tgt Ion:180 Resp: 29676

Ion Ratio Lower Upper

180 100

182 97.1 47.3 141.9

145 31.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 14.875 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085965.D

Acq: 12 Mar 2025 17:18

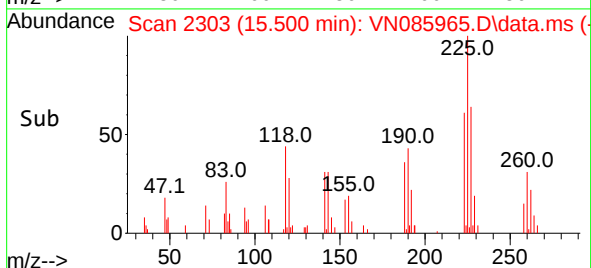
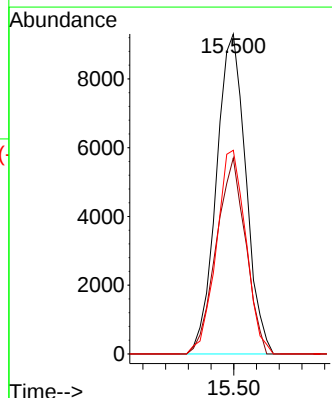
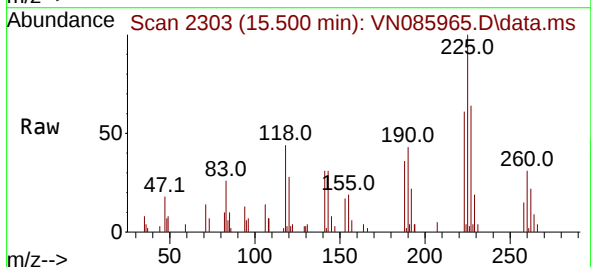
Tgt Ion:225 Resp: 16781

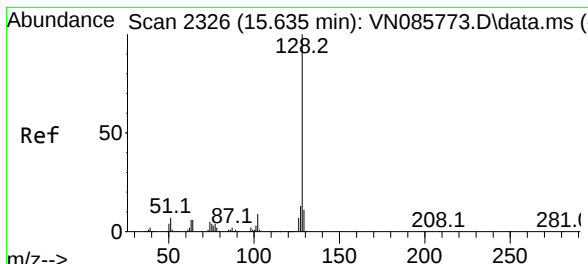
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.5

227 63.6 32.2 96.6

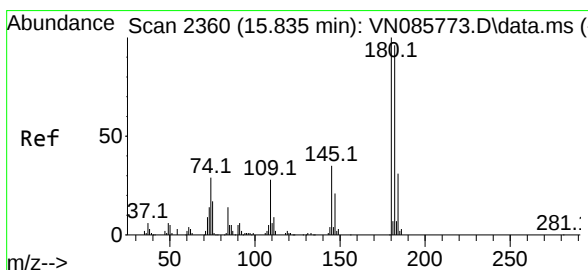
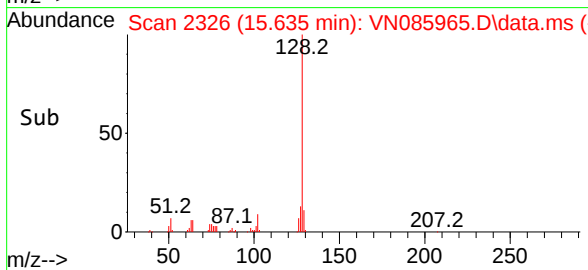
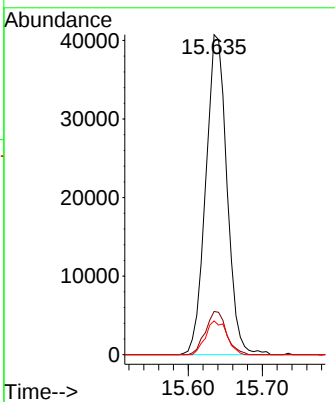
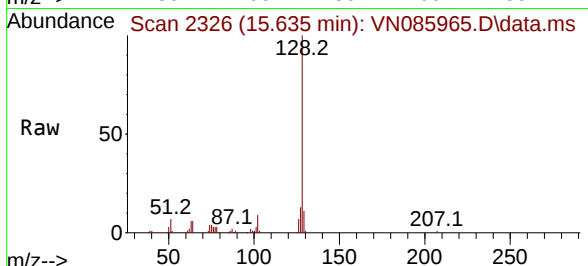




#95
 Naphthalene
 Concen: 15.870 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Tgt Ion:	128	Resp:	80879
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.6	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 16.076 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN085965.D
 Acq: 12 Mar 2025 17:18

Tgt Ion:	180	Resp:	29960
Ion	Ratio	Lower	Upper
180	100		
182	90.0	47.3	141.8
145	34.2	16.9	50.6

