

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085589.D
 Acq On : 30 Jan 2025 19:06
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 31 02:40:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	196214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162831	51.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.820%	
35) Dibromofluoromethane	8.165	113	117594	50.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	10.565	98	434546	52.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.847	95	156024	55.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104463	39.321	ug/l	97
3) Chloromethane	2.359	50	113764	39.550	ug/l	98
4) Vinyl Chloride	2.512	62	124056	42.908	ug/l	99
5) Bromomethane	2.947	94	72732	41.646	ug/l	97
6) Chloroethane	3.118	64	83846	45.742	ug/l	99
7) Trichlorofluoromethane	3.495	101	187996	44.813	ug/l	99
8) Diethyl Ether	3.965	74	68426	47.214	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	107145	45.345	ug/l	99
10) Methyl Iodide	4.583	142	132651	49.023	ug/l	98
11) Tert butyl alcohol	5.518	59	102264	281.970	ug/l	100
12) 1,1-Dichloroethene	4.336	96	95439	45.321	ug/l	97
13) Acrolein	4.177	56	100387	202.767	ug/l	99
14) Allyl chloride	5.024	41	159132	46.569	ug/l	98
15) Acrylonitrile	5.718	53	309432	268.609	ug/l	100
16) Acetone	4.424	43	260799	254.840	ug/l	97
17) Carbon Disulfide	4.712	76	229703	35.427	ug/l	99
18) Methyl Acetate	5.018	43	179430	57.659	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	377960	55.275	ug/l	99
20) Methylene Chloride	5.277	84	118994	46.969	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	100903	44.835	ug/l	97
22) Diisopropyl ether	6.671	45	398907	52.595	ug/l	98
23) Vinyl Acetate	6.600	43	1434572	270.274	ug/l	98
24) 1,1-Dichloroethane	6.565	63	226122	48.895	ug/l	98
25) 2-Butanone	7.482	43	415823	276.111	ug/l	98
26) 2,2-Dichloropropane	7.488	77	190331	50.904	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	130341	49.172	ug/l	99
28) Bromochloromethane	7.812	49	96493	44.848	ug/l	98
29) Tetrahydrofuran	7.835	42	273886	286.849	ug/l	99
30) Chloroform	7.965	83	231846	48.506	ug/l	98
31) Cyclohexane	8.253	56	163440	40.660	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	202572	48.316	ug/l	98
36) 1,1-Dichloropropene	8.371	75	149170	45.649	ug/l	99
37) Ethyl Acetate	7.559	43	166099	50.358	ug/l	99
38) Carbon Tetrachloride	8.359	117	174494	46.643	ug/l	97
39) Methylcyclohexane	9.600	83	142657	46.457	ug/l	98
40) Benzene	8.606	78	468453	47.711	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	92010	53.618	ug/l	98
42) 1,2-Dichloroethane	8.671	62	180158	48.718	ug/l	100
43) Isopropyl Acetate	8.682	43	295453	55.903	ug/l	98
44) Trichloroethene	9.347	130	105161	46.011	ug/l	94
45) 1,2-Dichloropropane	9.618	63	124479	49.634	ug/l	98
46) Dibromomethane	9.706	93	86879	48.009	ug/l	99
47) Bromodichloromethane	9.882	83	190657	51.714	ug/l	100
48) Methyl methacrylate	9.676	41	135987	57.175	ug/l	98
49) 1,4-Dioxane	9.694	88	44692	1115.842	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	894830	291.772	ug/l	100
52) Toluene	10.629	92	293434	51.578	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	185623	53.277	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	195455	52.519	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	115952	51.501	ug/l	98
56) Ethyl methacrylate	10.871	69	189877	50.062	ug/l	100
57) 1,3-Dichloropropane	11.159	76	206402	52.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	372287	260.567	ug/l	100
59) 2-Hexanone	11.194	43	649161	300.823	ug/l	100
60) Dibromochloromethane	11.359	129	142533	52.438	ug/l	99
61) 1,2-Dibromoethane	11.465	107	114468	51.076	ug/l	99
64) Tetrachloroethene	11.100	164	94335	46.147	ug/l	98
65) Chlorobenzene	11.888	112	322603	49.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	119573	49.597	ug/l	98
67) Ethyl Benzene	11.959	91	558745	52.224	ug/l	100
68) m/p-Xylenes	12.065	106	419759	106.156	ug/l	100
69) o-Xylene	12.394	106	203725	53.912	ug/l	99
70) Styrene	12.406	104	352471	56.360	ug/l	100
71) Bromoform	12.576	173	93492	54.197	ug/l #	98
73) Isopropylbenzene	12.694	105	522932	52.104	ug/l	99
74) N-amyl acetate	12.494	43	245884	54.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	175616	49.536	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	231498	76.593	ug/l	43
77) Bromobenzene	12.976	156	126143	48.107	ug/l	98
78) n-propylbenzene	13.035	91	613075	51.600	ug/l	100
79) 2-Chlorotoluene	13.123	91	384964	50.064	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	444548	53.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61186	54.771	ug/l	89
82) 4-Chlorotoluene	13.217	91	384892	50.271	ug/l	100
83) tert-Butylbenzene	13.435	119	367782	52.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	445077	53.867	ug/l	99
85) sec-Butylbenzene	13.612	105	511233	52.984	ug/l	100
86) p-Isopropyltoluene	13.729	119	425364	49.070	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	231245	47.888	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	231814	46.314	ug/l	98
89) n-Butylbenzene	14.053	91	356860	51.554	ug/l	98
90) Hexachloroethane	14.329	117	86662	47.180	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	230150	47.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34539	53.352	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	111833	49.955	ug/l	99
94) Hexachlorobutadiene	15.494	225	51730	43.524	ug/l	98
95) Naphthalene	15.635	128	363079	54.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	109924	48.527	ug/l	98

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QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

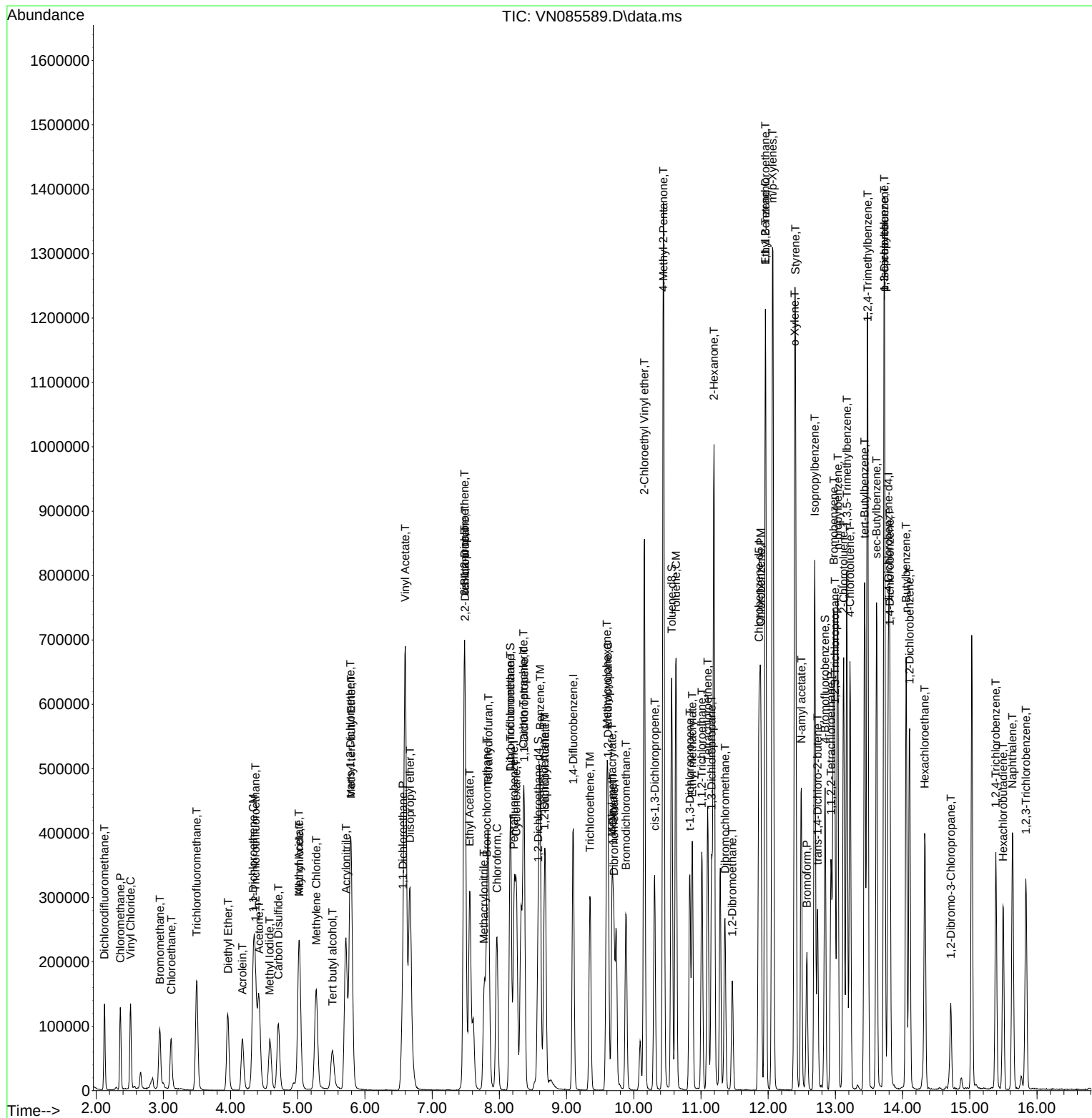
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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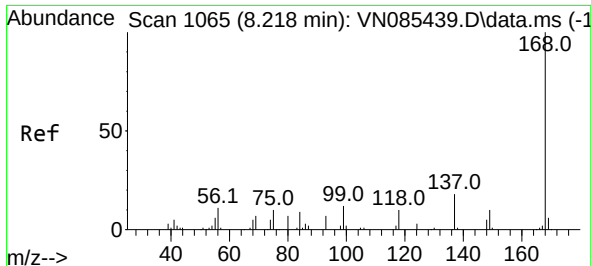
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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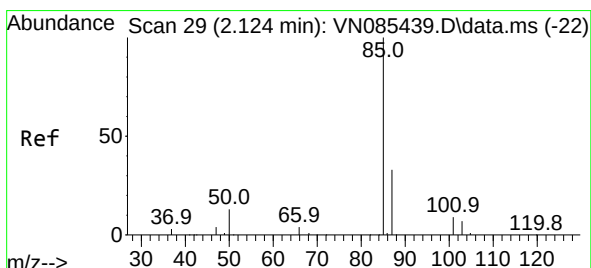
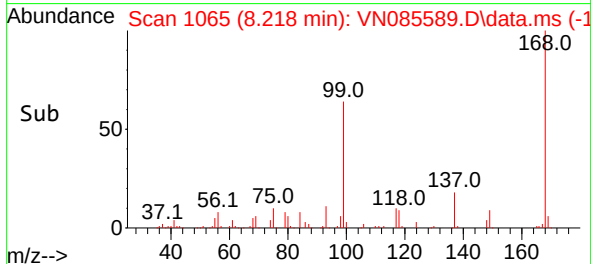
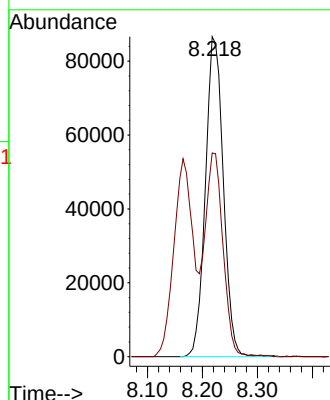
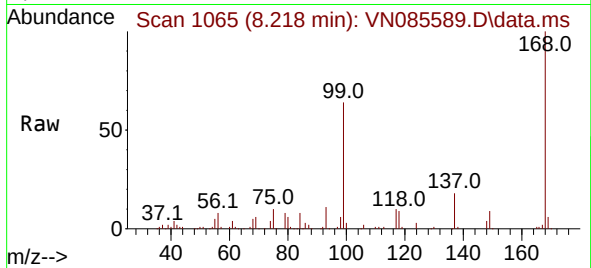




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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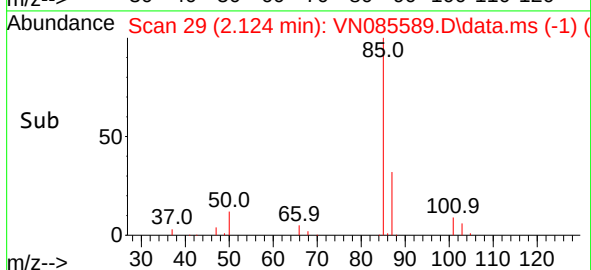
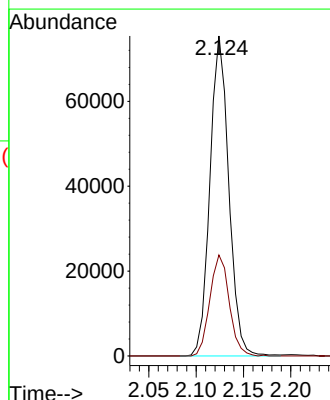
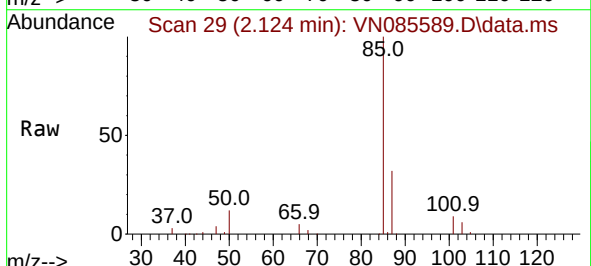
Instrument :
MSVOA_N
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VSTDCCC050EC

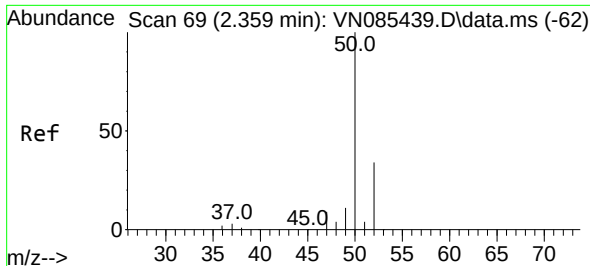
Tgt Ion:168 Resp: 196214
Ion Ratio Lower Upper
168 100
99 63.7 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 39.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 85 Resp: 104463
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

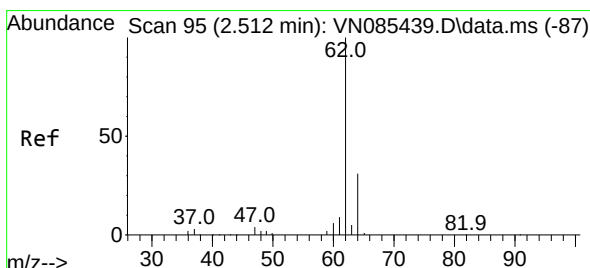
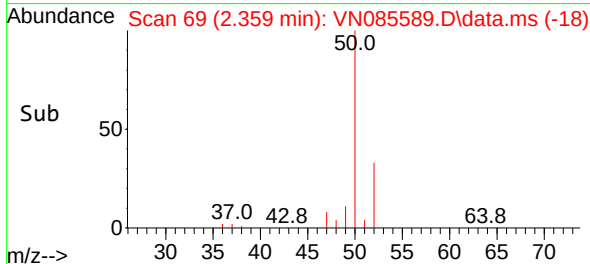
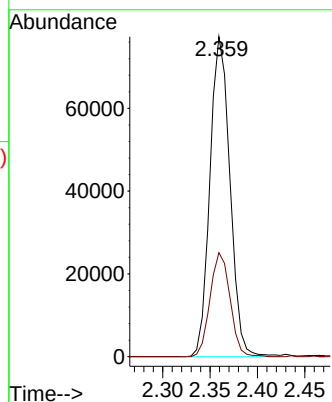
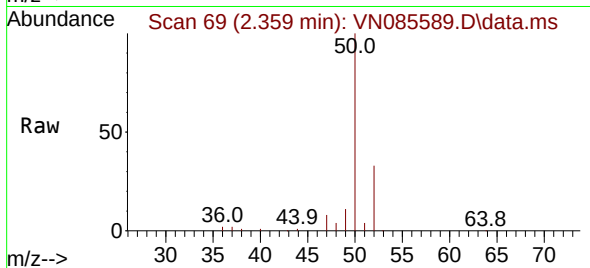




#3
 Chloromethane
 Concen: 39.550 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

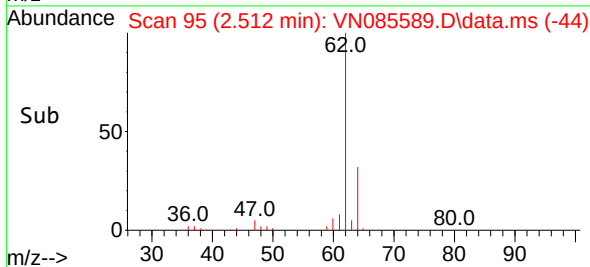
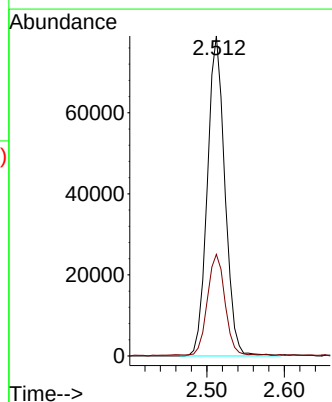
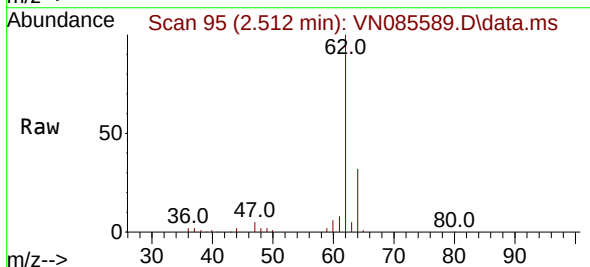
Instrument :
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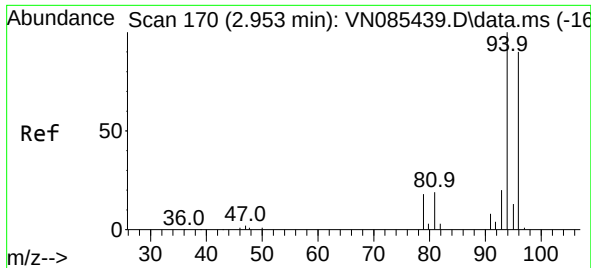
Tgt Ion: 50 Resp: 113764
 Ion Ratio Lower Upper
 50 100
 52 32.5 27.0 40.6



#4
 Vinyl Chloride
 Concen: 42.908 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion: 62 Resp: 124056
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.8 37.2

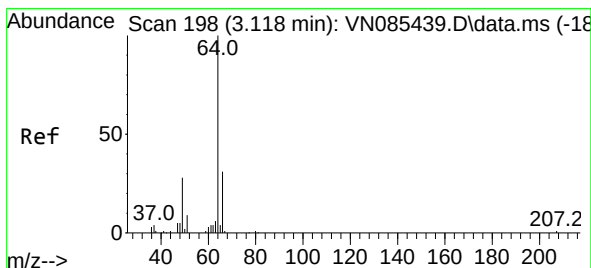
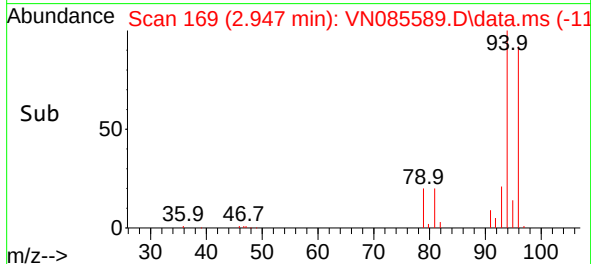
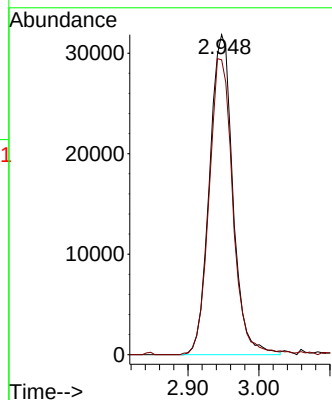
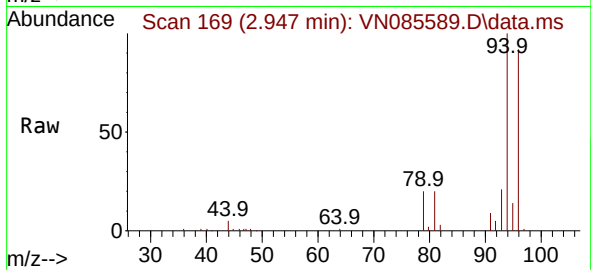




#5
Bromomethane
Concen: 41.646 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085589.D
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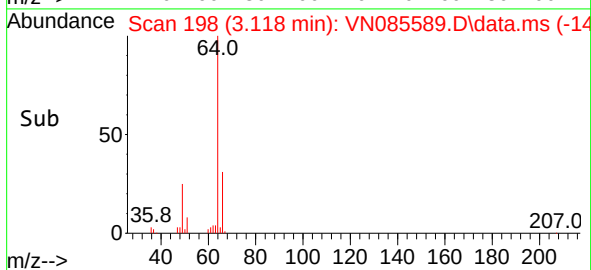
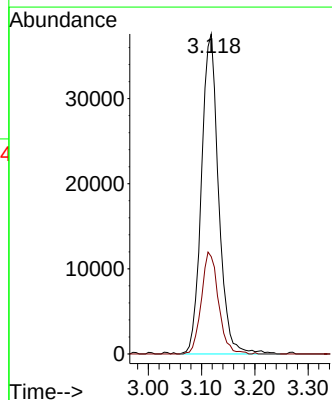
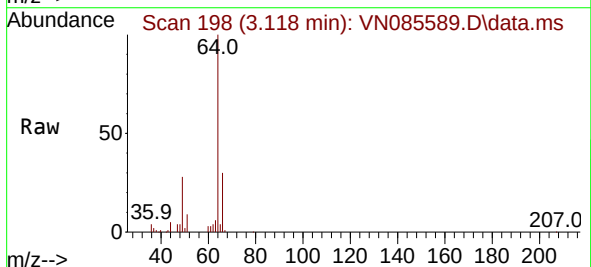
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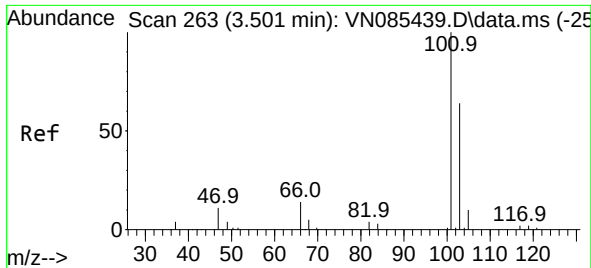
Tgt Ion: 94 Resp: 72732
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6



#6
Chloroethane
Concen: 45.742 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 64 Resp: 83846
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8

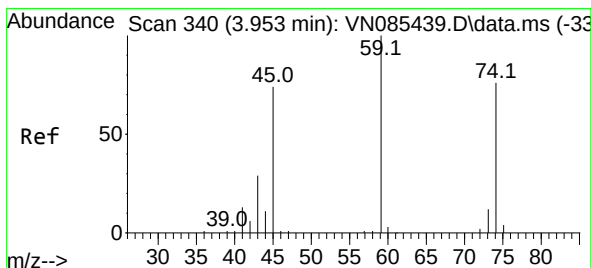
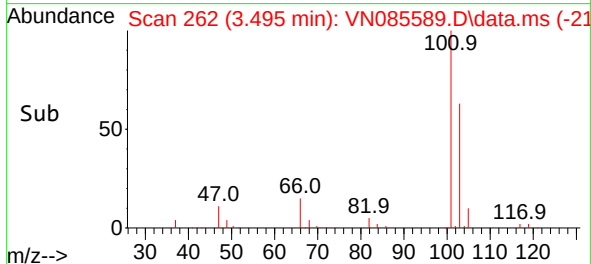
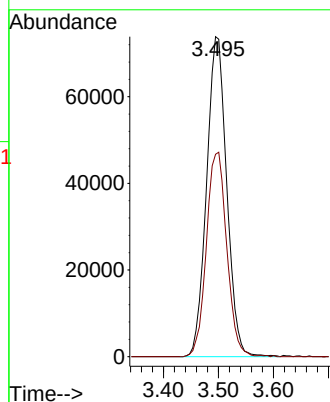
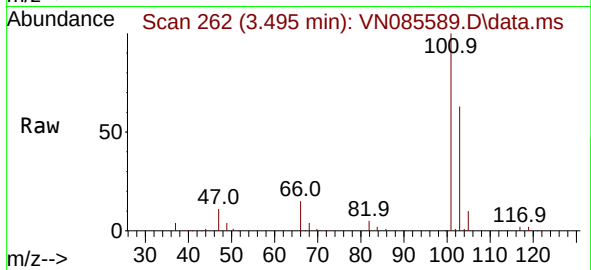




#7
 Trichlorofluoromethane
 Concen: 44.813 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085589.D
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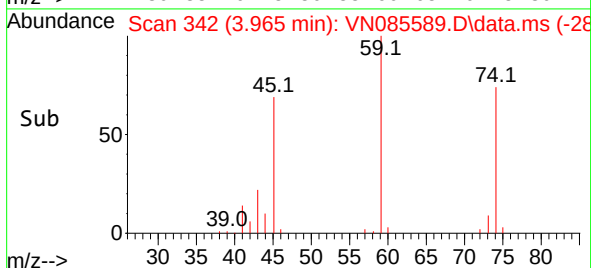
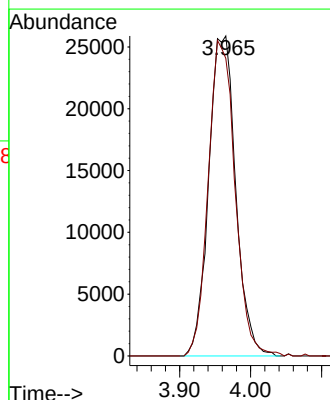
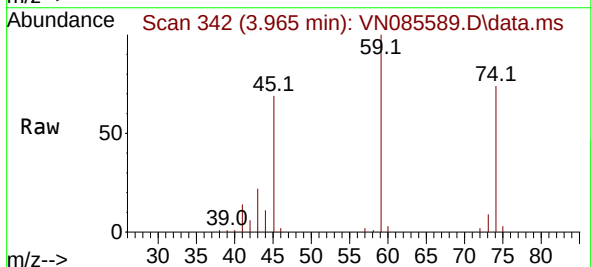
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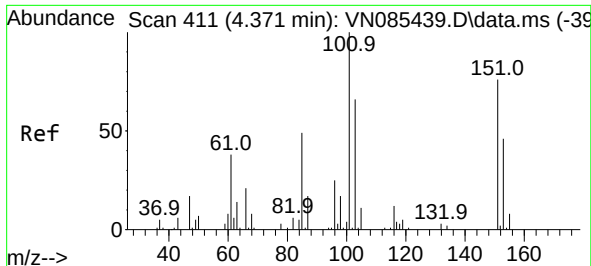
Tgt Ion:101 Resp: 187996
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 47.214 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN085589.D
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Tgt Ion: 74 Resp: 68426
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.7 149.1

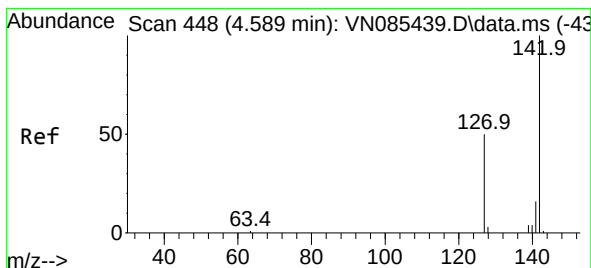
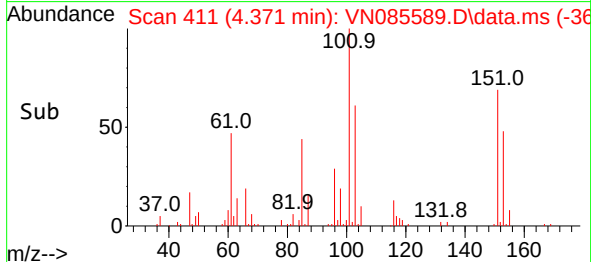
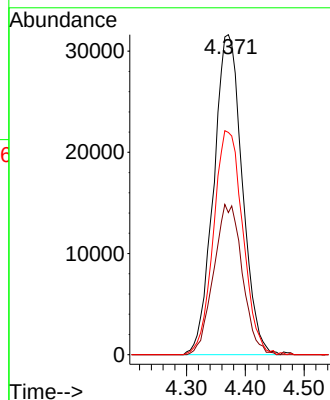
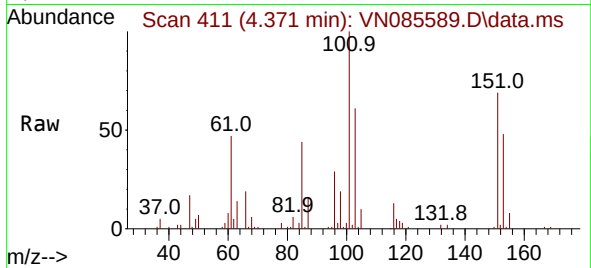




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.345 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

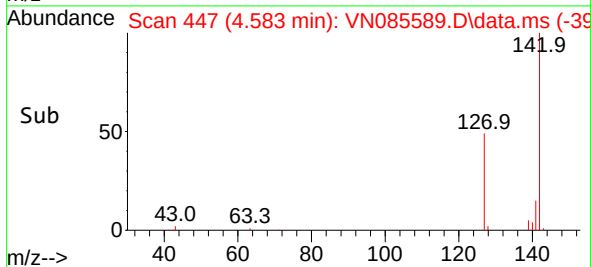
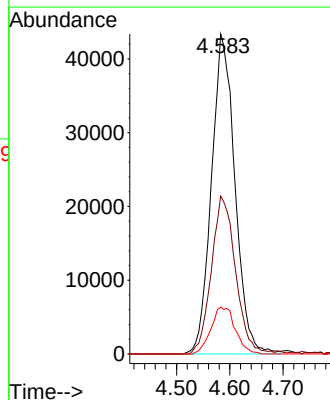
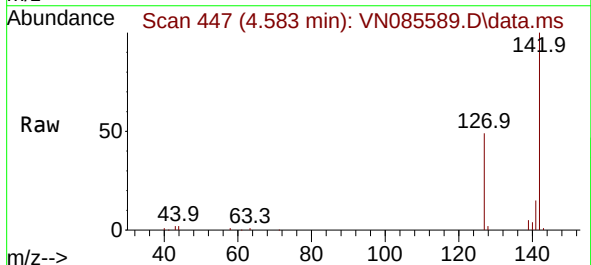
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

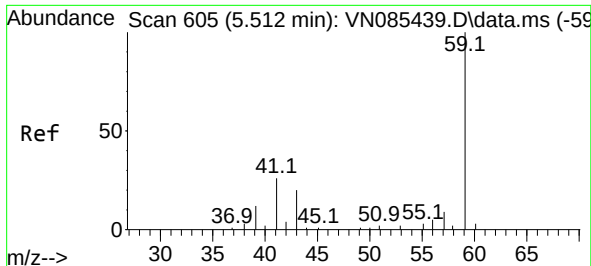
Tgt Ion:101 Resp: 107145
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 71.7 58.8 88.2



#10
Methyl Iodide
Concen: 49.023 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:142 Resp: 132651
Ion Ratio Lower Upper
142 100
127 49.3 40.3 60.5
141 14.7 12.8 19.2

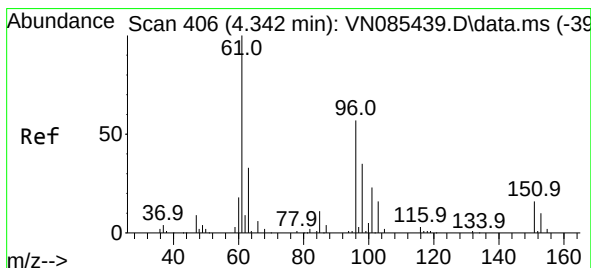
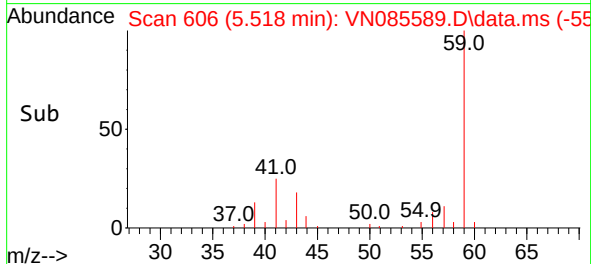
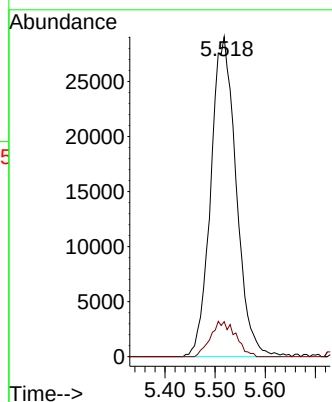
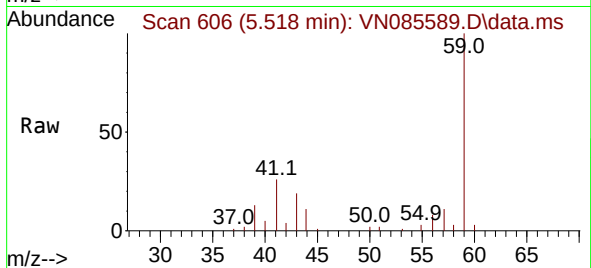




#11
Tert butyl alcohol
Concen: 281.970 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

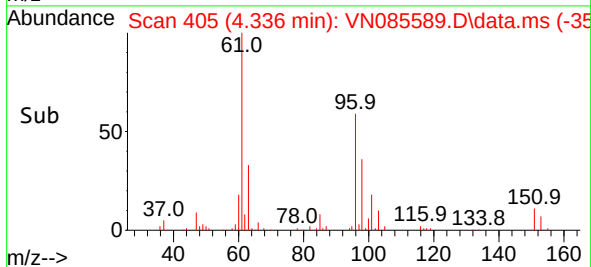
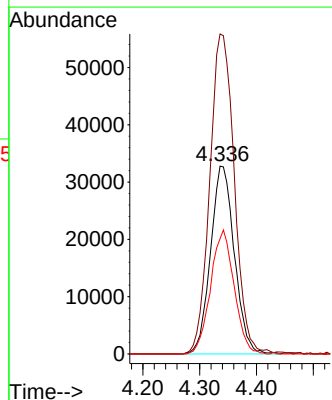
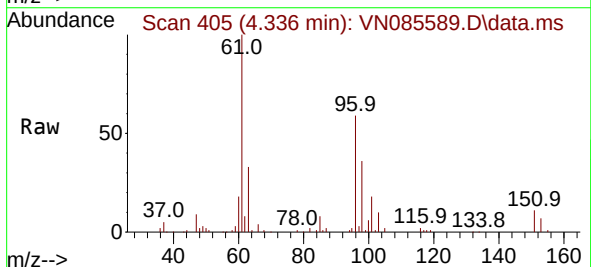
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

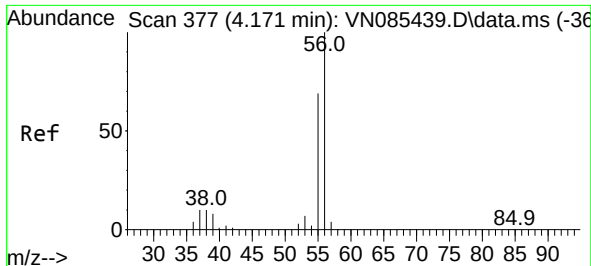
Tgt Ion: 59 Resp: 102264
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.321 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 96 Resp: 95439
Ion Ratio Lower Upper
96 100
61 170.3 141.0 211.4
98 61.3 49.0 73.6





#13

Acrolein

Concen: 202.767 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

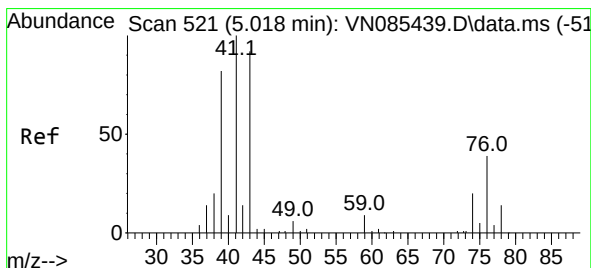
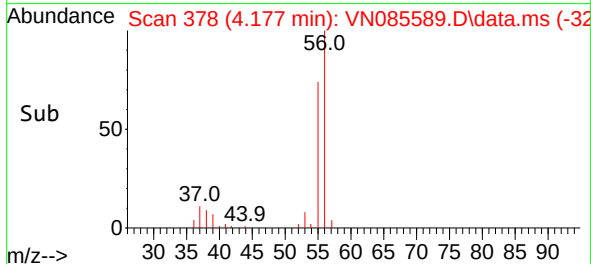
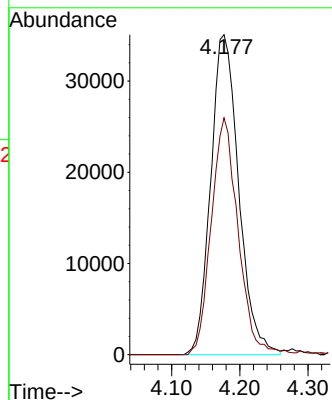
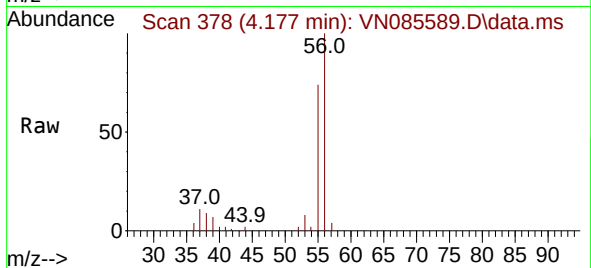
VSTDCCC050EC

Tgt Ion: 56 Resp: 100387

Ion Ratio Lower Upper

56 100

55 70.9 56.3 84.5



#14

Allyl chloride

Concen: 46.569 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

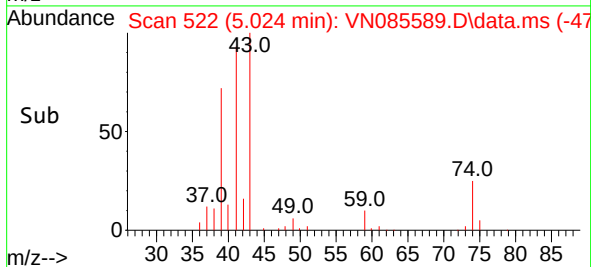
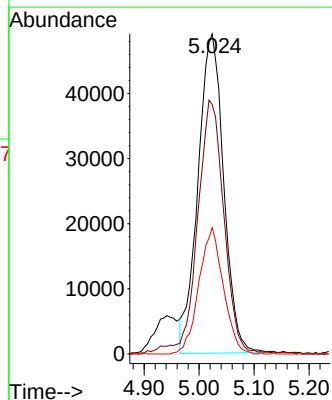
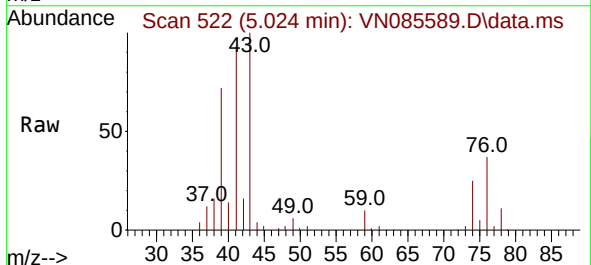
Tgt Ion: 41 Resp: 159132

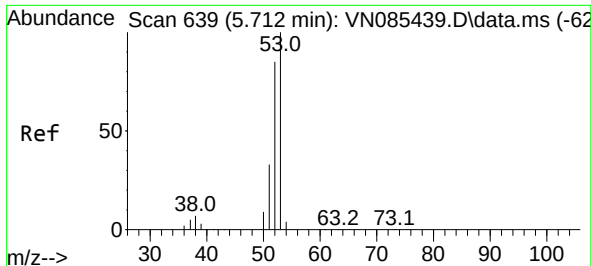
Ion Ratio Lower Upper

41 100

39 82.1 64.4 96.6

76 37.5 30.5 45.7

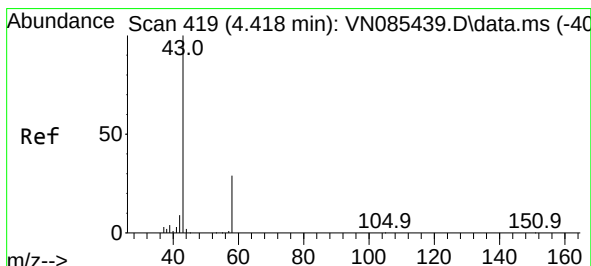
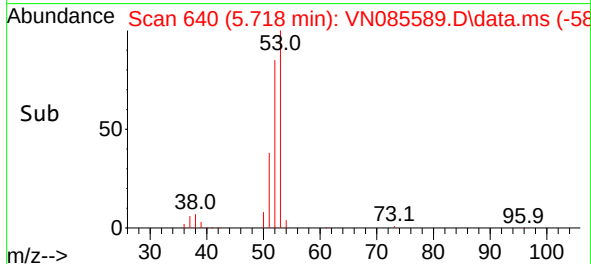
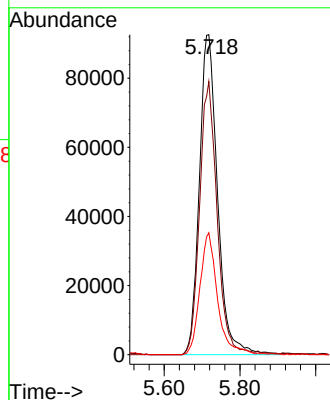
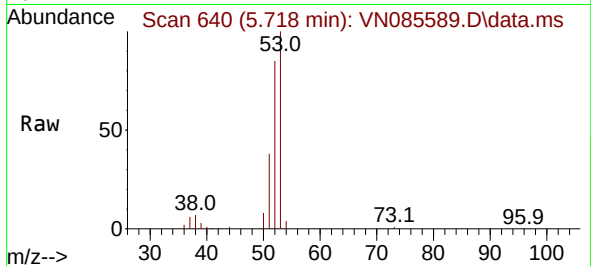




#15
Acrylonitrile
Concen: 268.609 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

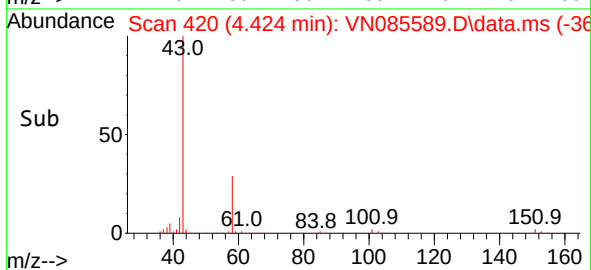
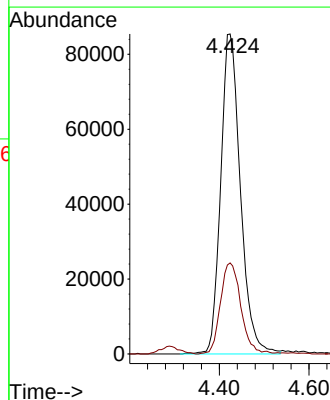
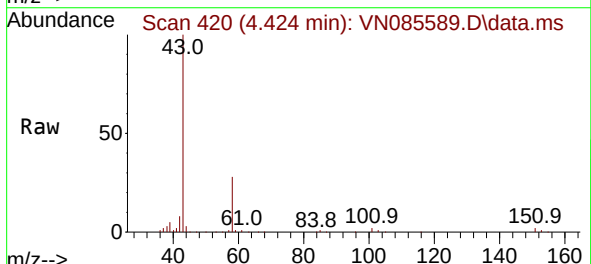
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

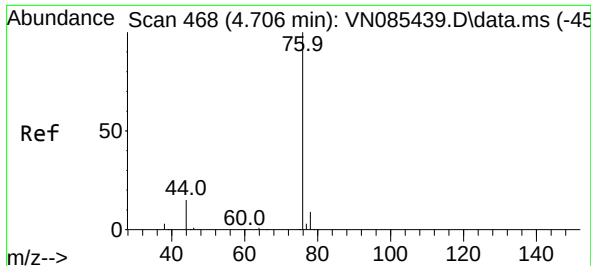
Tgt Ion: 53 Resp: 309432
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.8 29.8 44.8



#16
Acetone
Concen: 254.840 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 43 Resp: 260799
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.6

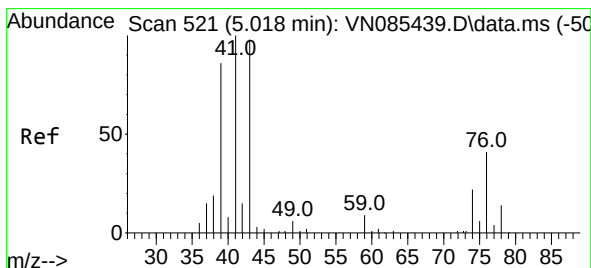
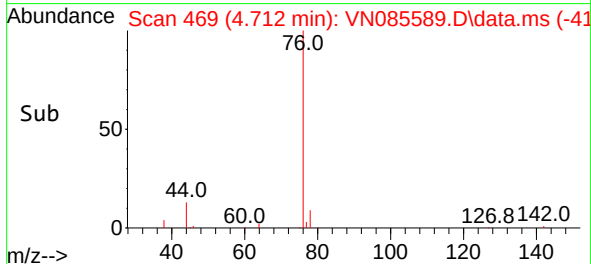
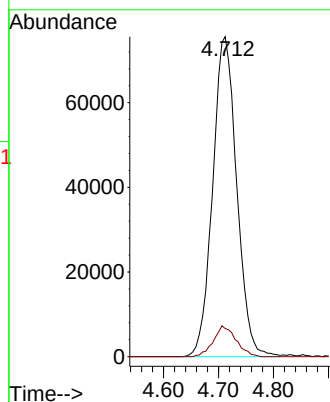
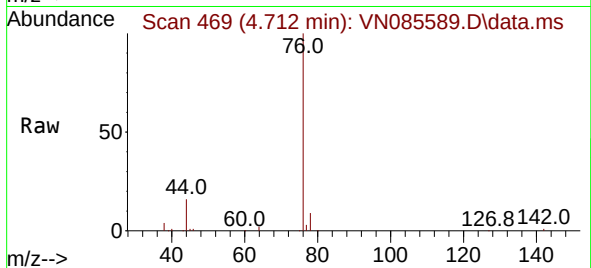




#17
Carbon Disulfide
Concen: 35.427 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

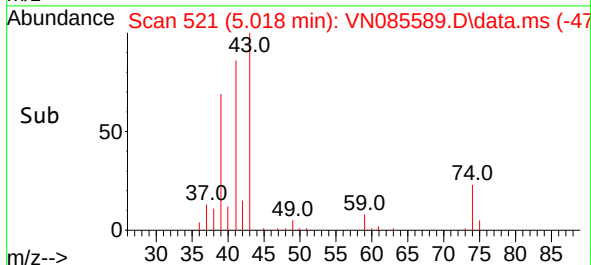
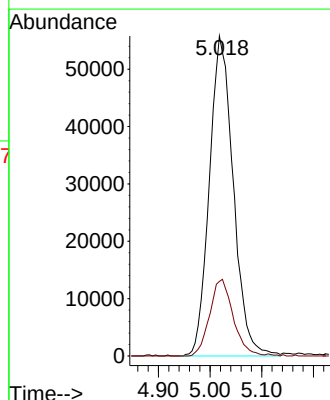
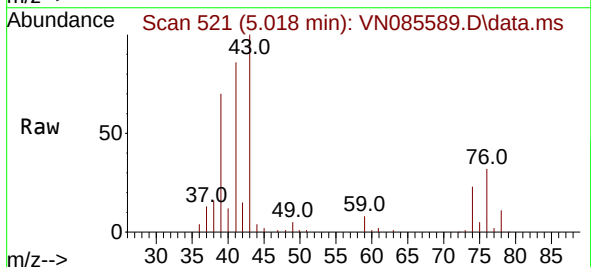
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

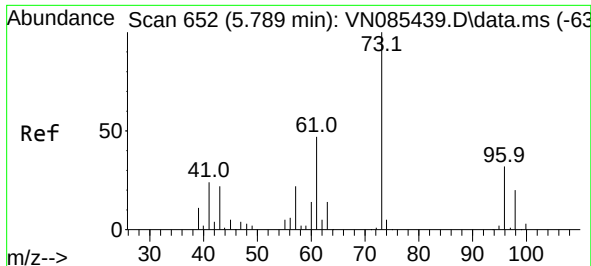
Tgt Ion: 76 Resp: 229703
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 57.659 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 43 Resp: 179430
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0

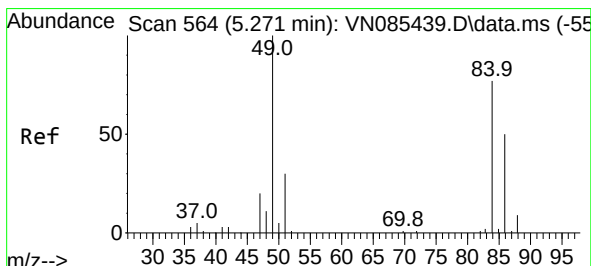
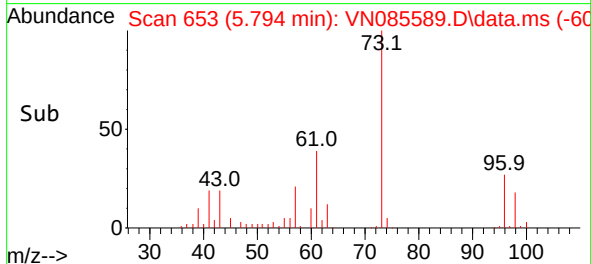
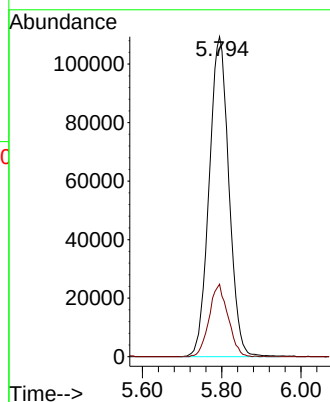
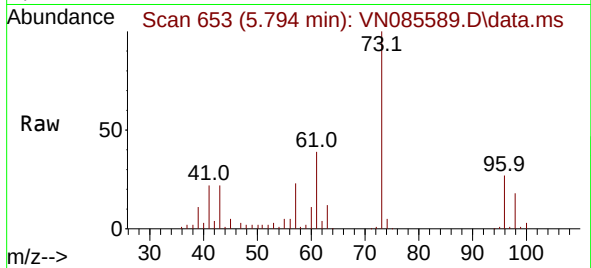




#19
Methyl tert-butyl Ether
Concen: 55.275 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

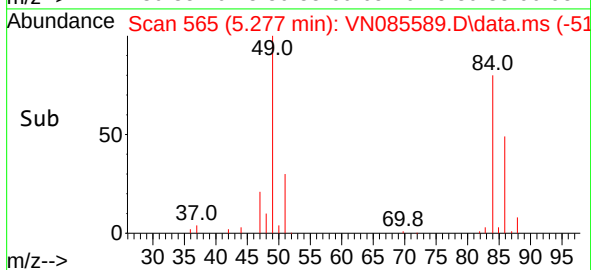
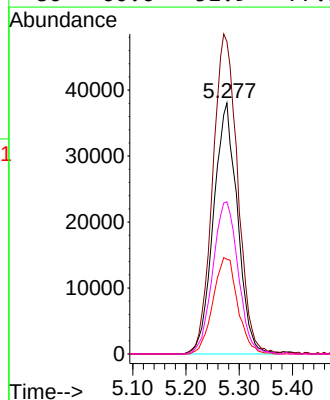
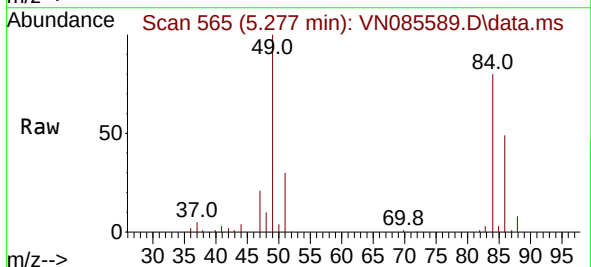
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

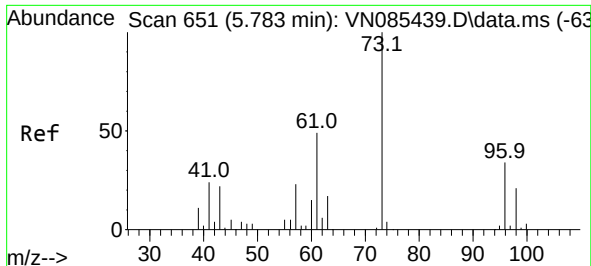
Tgt Ion: 73 Resp: 377960
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 46.969 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 84 Resp: 118994
Ion Ratio Lower Upper
84 100
49 124.5 104.1 156.1
51 37.7 31.0 46.4
86 60.6 51.9 77.9

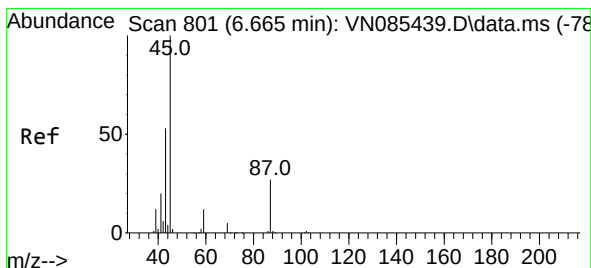
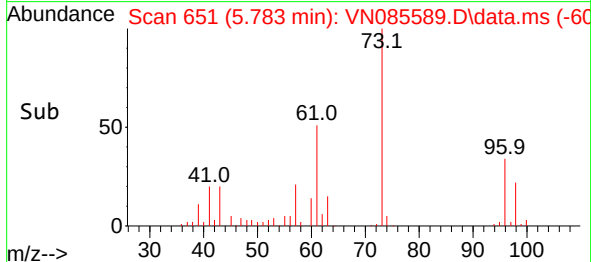
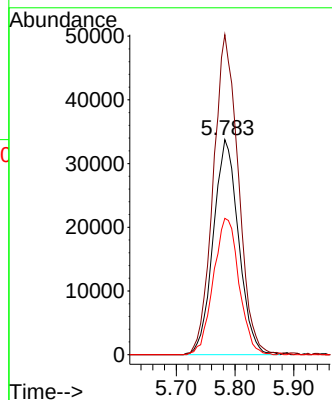
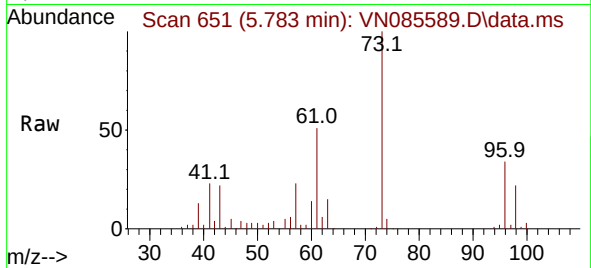




#21
trans-1,2-Dichloroethene
Concen: 44.835 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

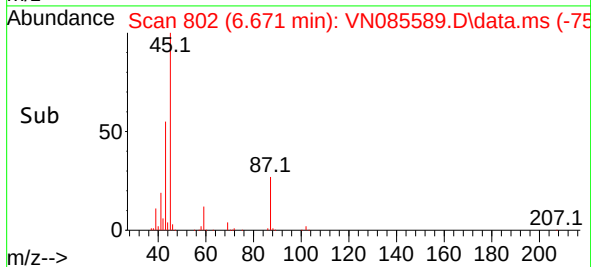
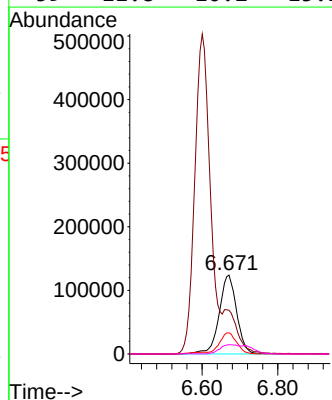
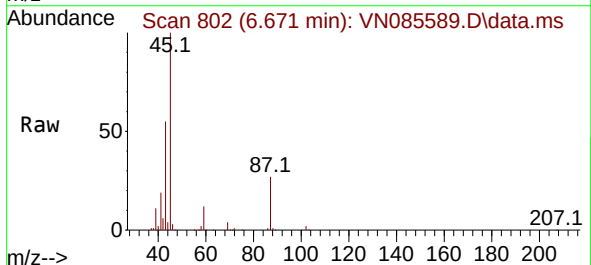
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

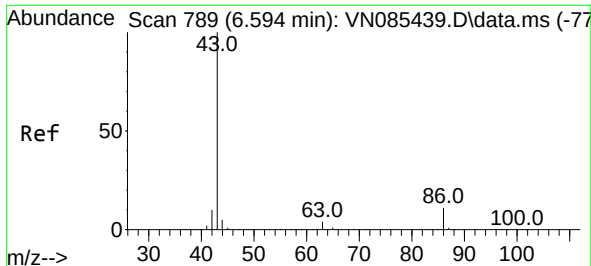
Tgt Ion: 96 Resp: 100903
Ion Ratio Lower Upper
96 100
61 148.8 115.7 173.5
98 63.4 49.8 74.8



#22
Diisopropyl ether
Concen: 52.595 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 45 Resp: 398907
Ion Ratio Lower Upper
45 100
43 54.6 45.0 67.6
87 26.8 21.8 32.8
59 11.8 10.2 15.2

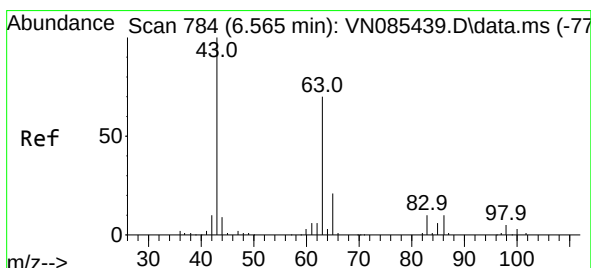
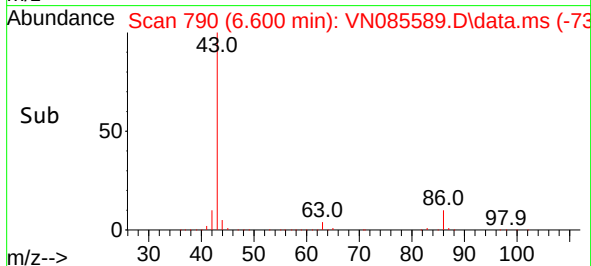
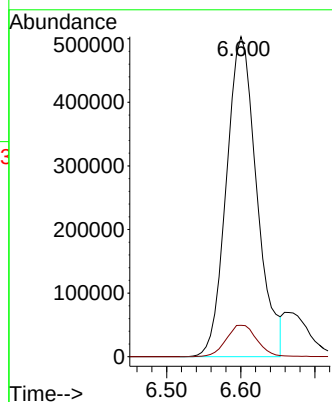
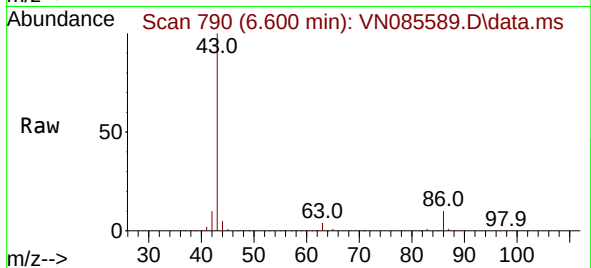




#23
 Vinyl Acetate
 Concen: 270.274 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

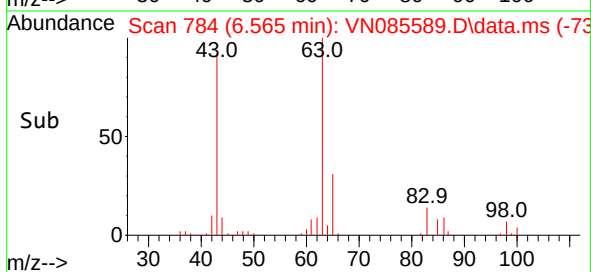
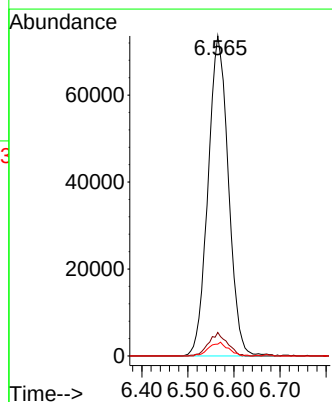
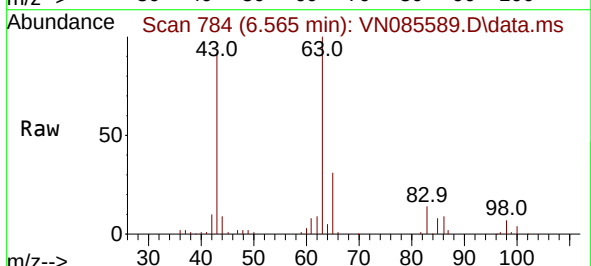
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

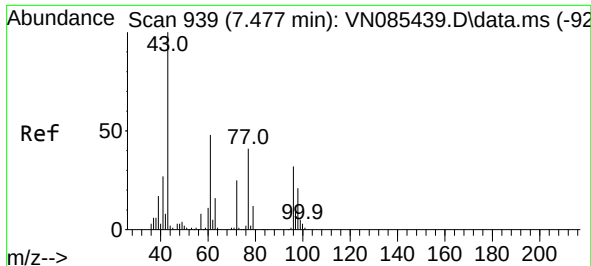
Tgt Ion: 43 Resp: 1434572
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.895 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion: 63 Resp: 226122
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 3.7 2.0 6.0

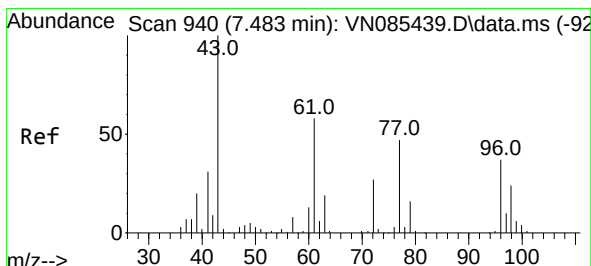
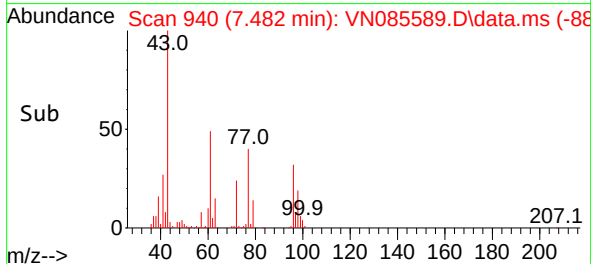
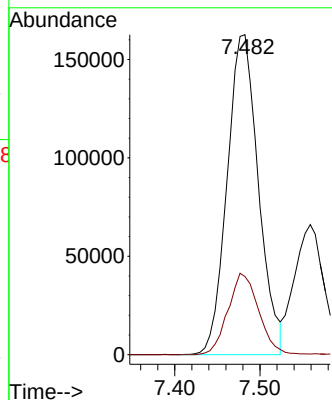
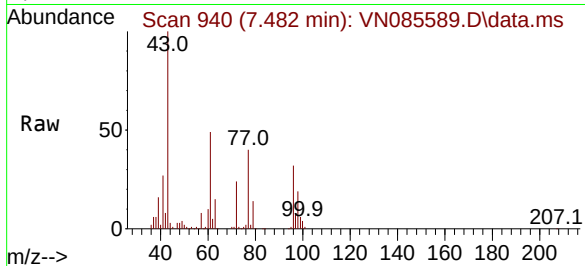




#25
2-Butanone
Concen: 276.111 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

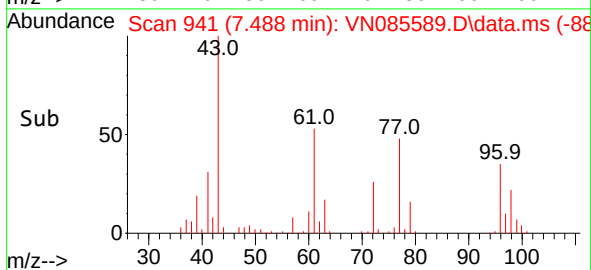
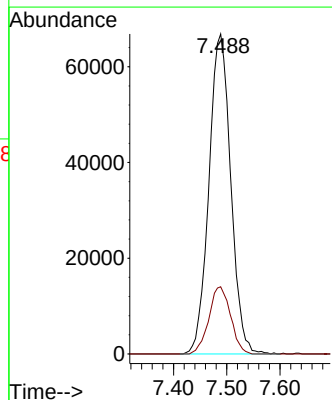
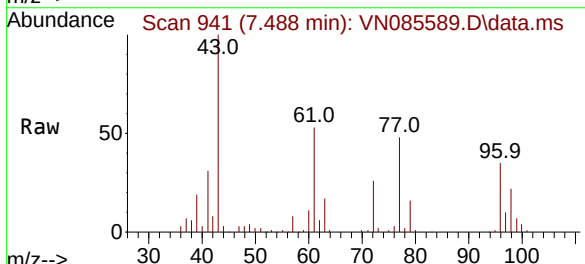
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

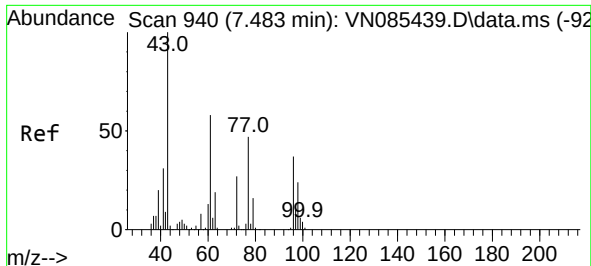
Tgt Ion: 43 Resp: 415823
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.4



#26
2,2-Dichloropropane
Concen: 50.904 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 77 Resp: 190331
Ion Ratio Lower Upper
77 100
97 20.9 10.7 32.1

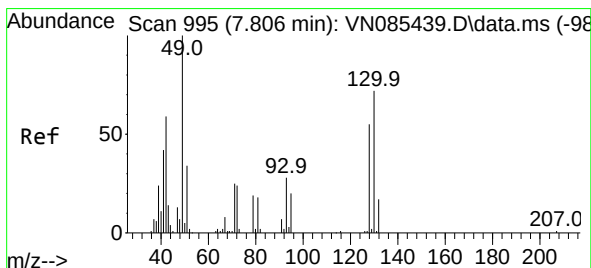
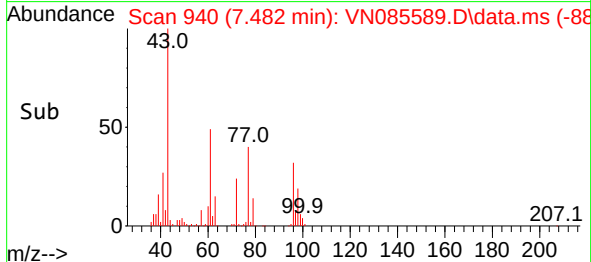
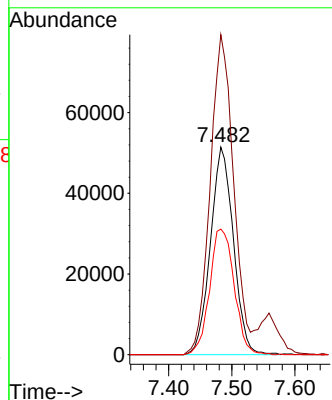
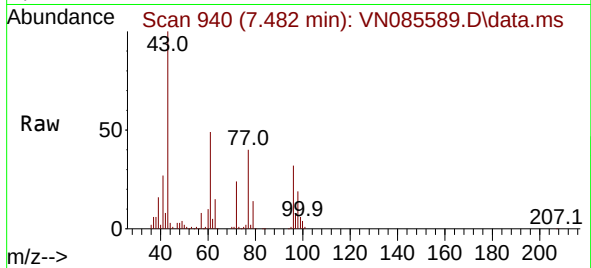




#27
 cis-1,2-Dichloroethene
 Concen: 49.172 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

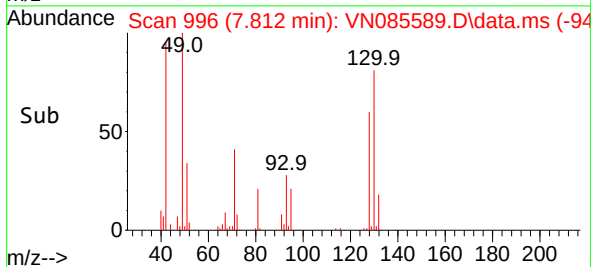
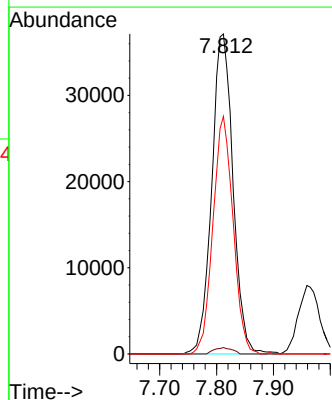
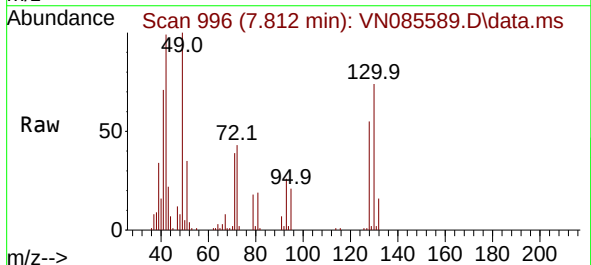
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

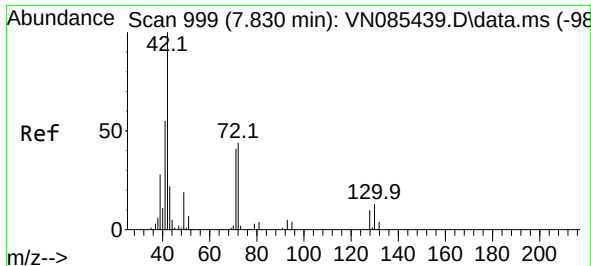
Tgt Ion: 96 Resp: 130341
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 311.8
 98 64.5 0.0 126.0



#28
 Bromochloromethane
 Concen: 44.848 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion: 49 Resp: 96493
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 70.1 55.0 82.4

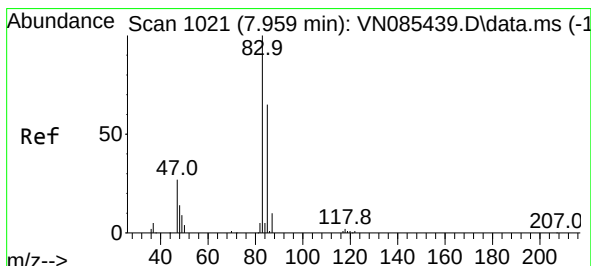
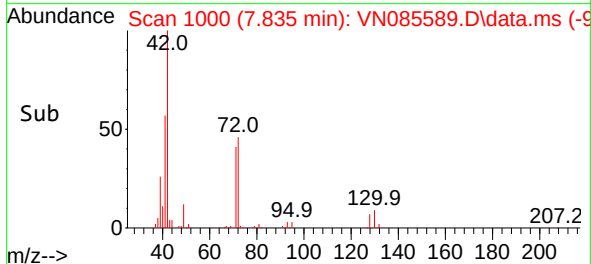
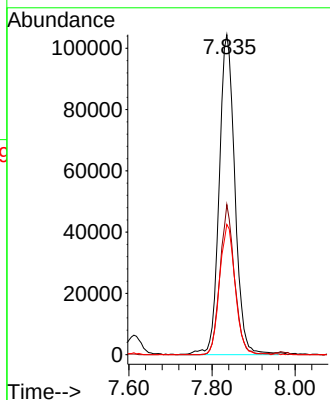
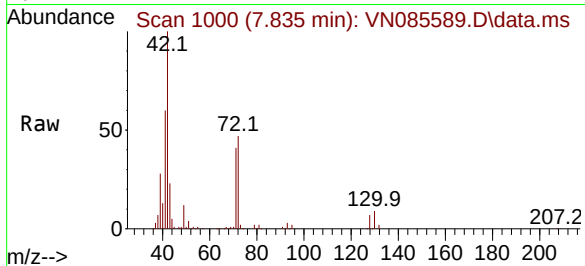




#29
Tetrahydrofuran
Concen: 286.849 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

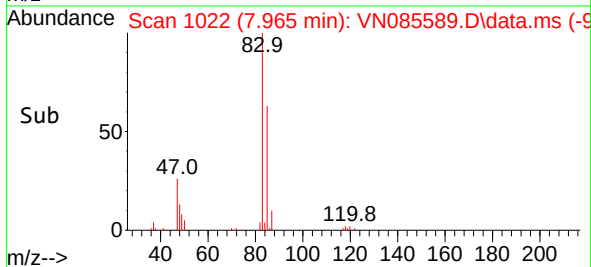
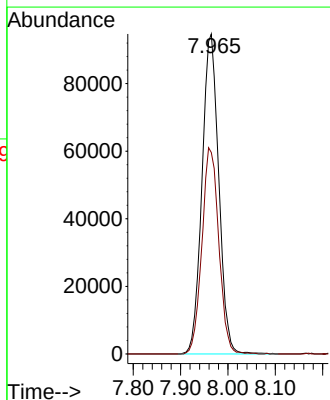
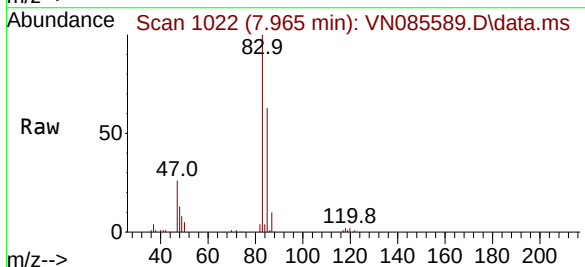
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

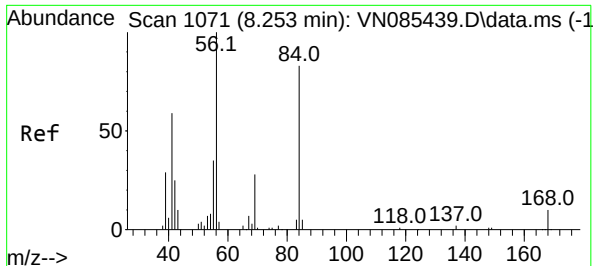
Tgt Ion: 42 Resp: 273886
Ion Ratio Lower Upper
42 100
72 43.3 34.2 51.2
71 40.3 32.5 48.7



#30
Chloroform
Concen: 48.506 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 83 Resp: 231846
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6

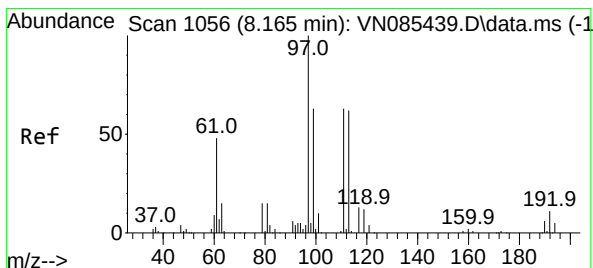
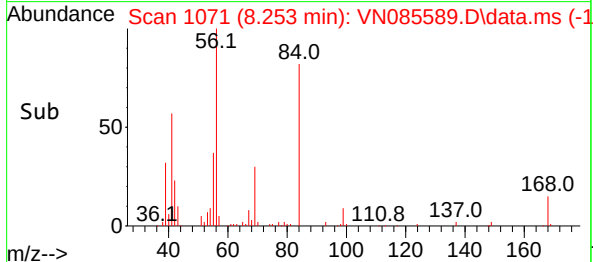
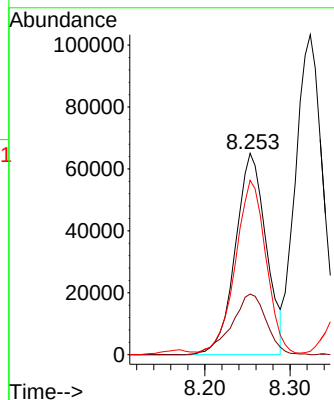
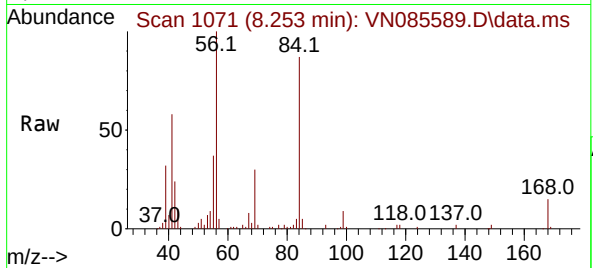




#31
Cyclohexane
Concen: 40.660 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

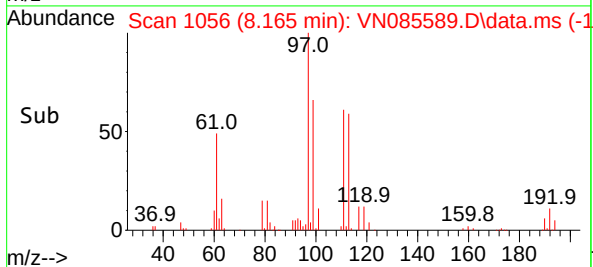
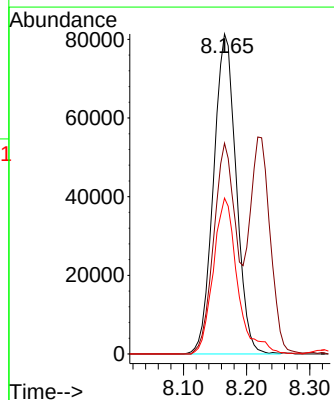
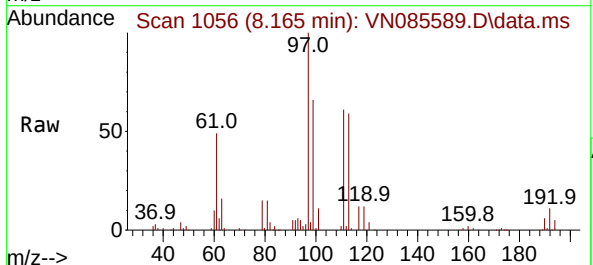
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

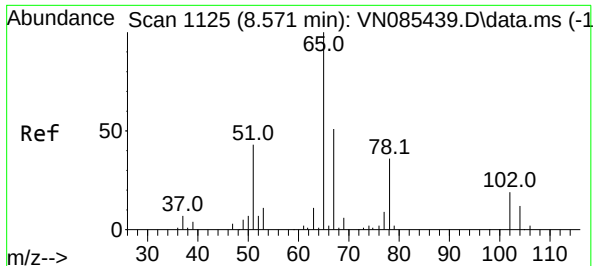
Tgt Ion: 56 Resp: 163440
Ion Ratio Lower Upper
56 100
69 30.2 22.2 33.4
84 84.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.316 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 97 Resp: 202572
Ion Ratio Lower Upper
97 100
99 65.4 49.8 74.6
61 52.0 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 51.410 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

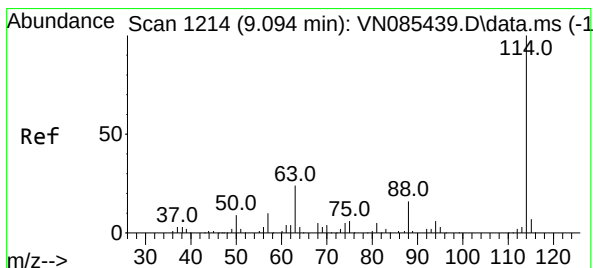
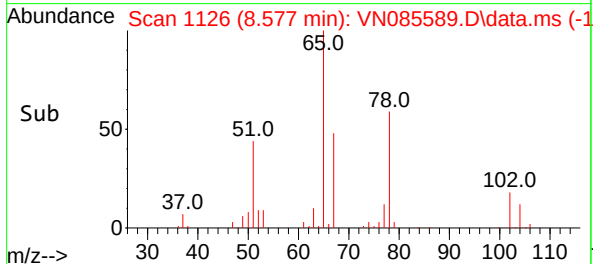
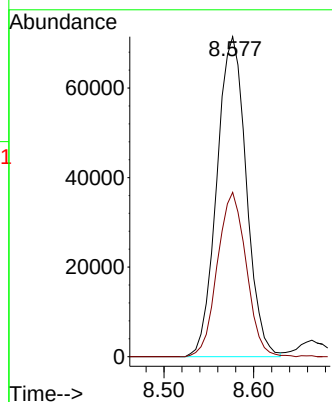
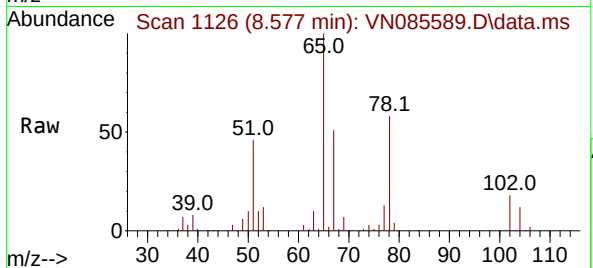
VSTDCCC050EC

Tgt Ion: 65 Resp: 162831

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

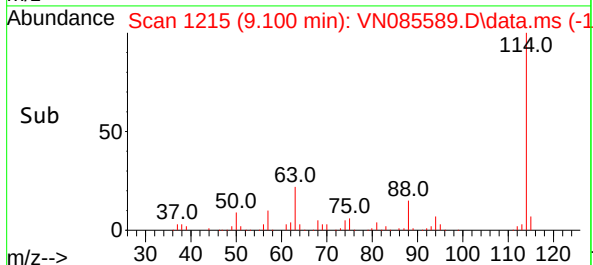
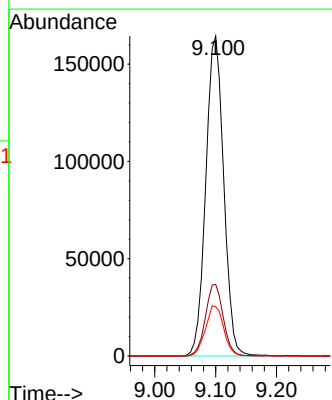
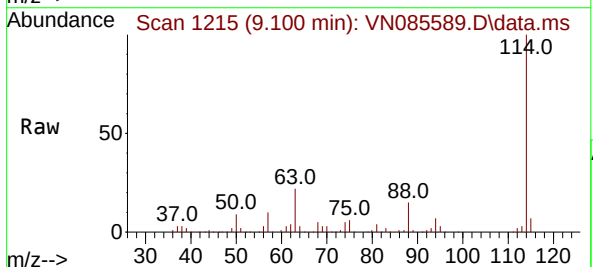
Tgt Ion: 114 Resp: 335615

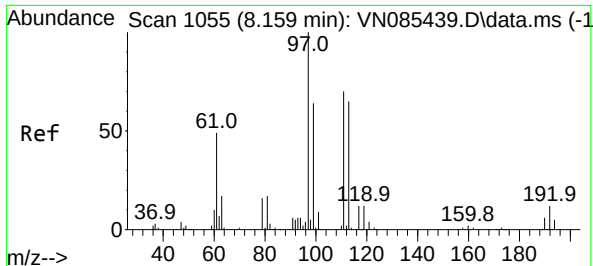
Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.6

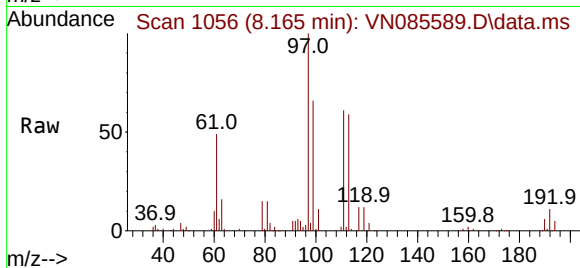
88 15.4 0.0 32.6



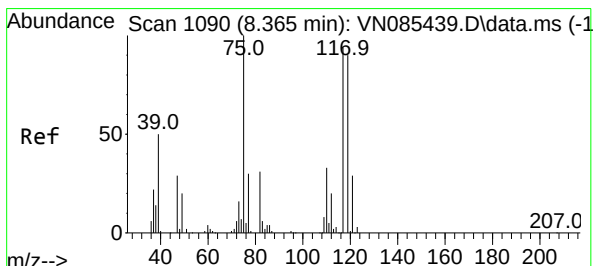
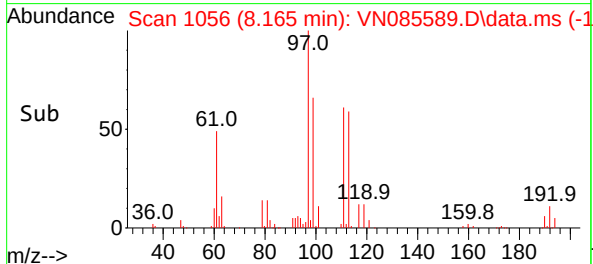
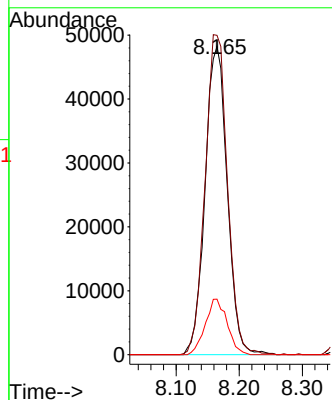


#35
Dibromofluoromethane
Concen: 50.505 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

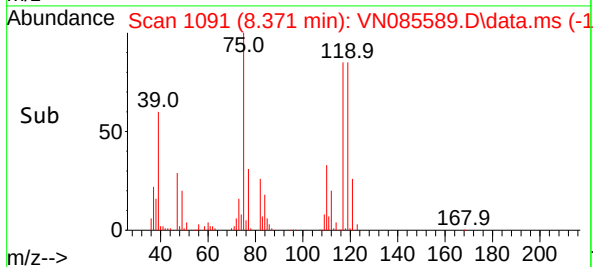
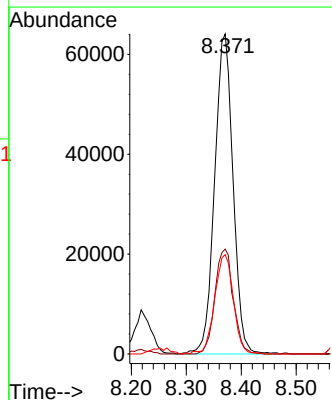
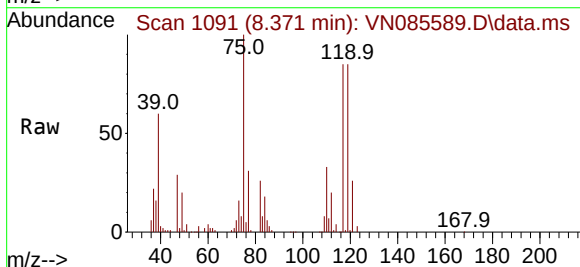


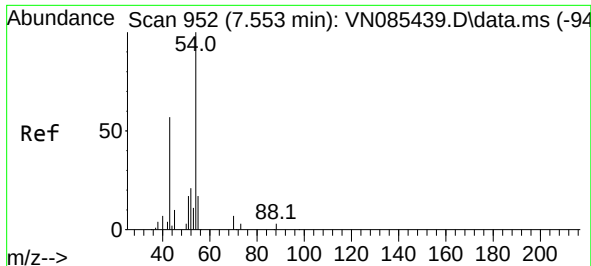
Tgt Ion:113 Resp: 117594
Ion Ratio Lower Upper
113 100
111 104.7 82.7 124.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 45.649 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 75 Resp: 149170
Ion Ratio Lower Upper
75 100
110 32.7 16.5 49.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 50.358 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

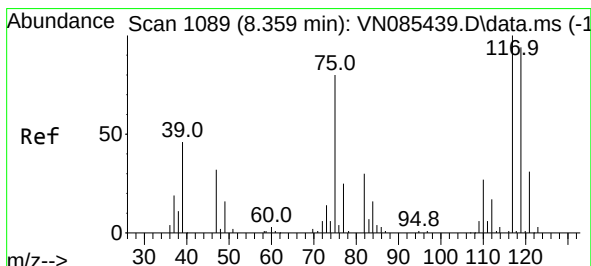
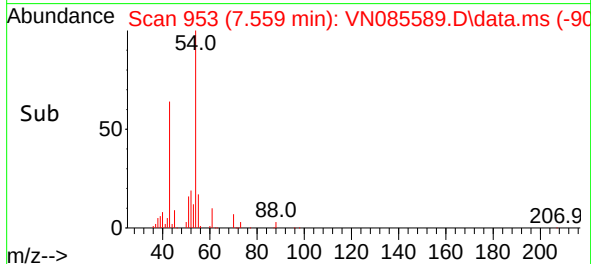
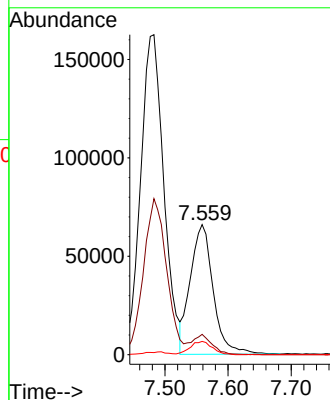
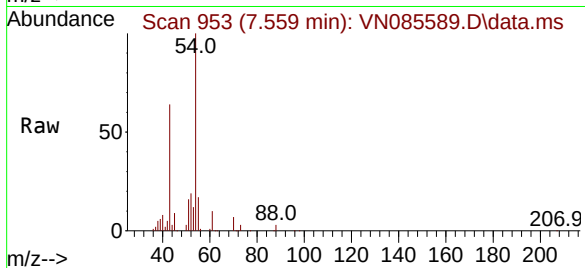
Tgt Ion: 43 Resp: 166099

Ion Ratio Lower Upper

43 100

61 13.0 10.9 16.3

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 46.643 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

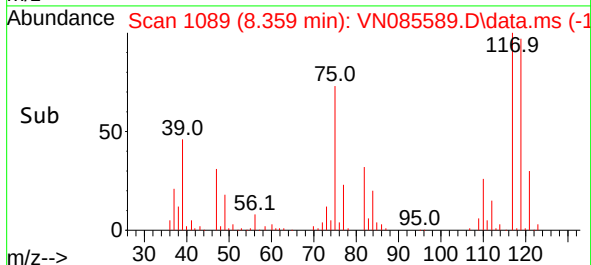
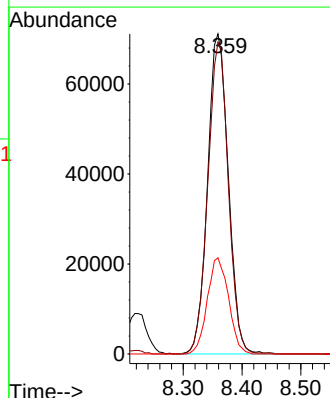
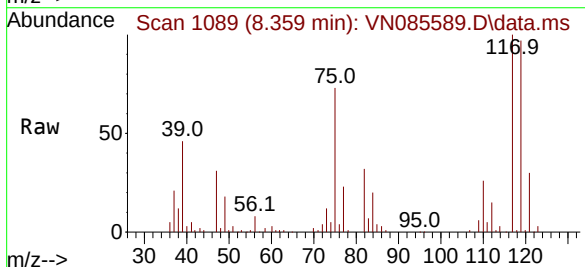
Tgt Ion: 117 Resp: 174494

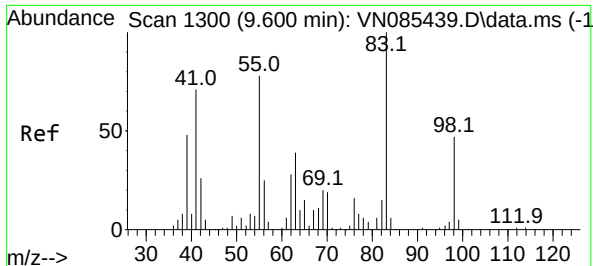
Ion Ratio Lower Upper

117 100

119 97.4 75.4 113.2

121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 46.457 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

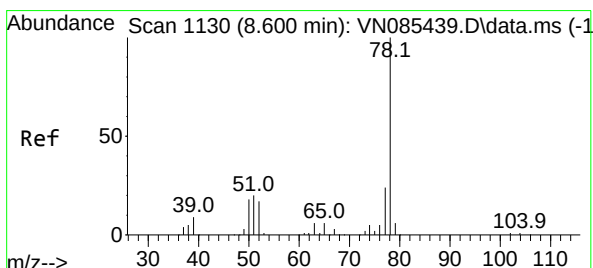
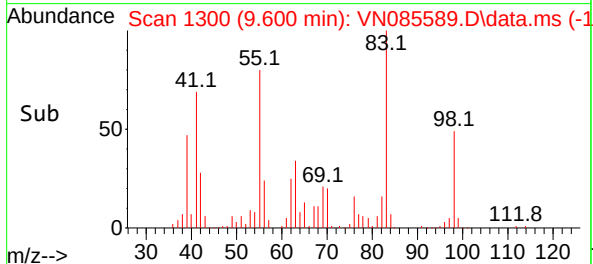
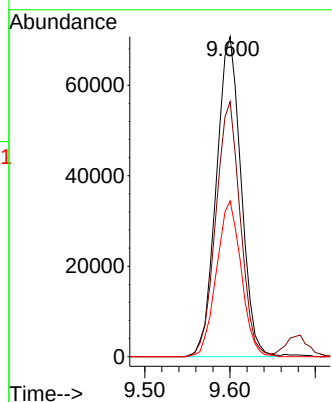
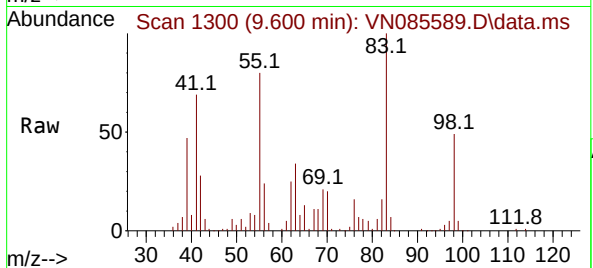
Tgt Ion: 83 Resp: 142657

Ion Ratio Lower Upper

83 100

55 79.7 62.6 94.0

98 48.7 37.7 56.5



#40

Benzene

Concen: 47.711 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085589.D

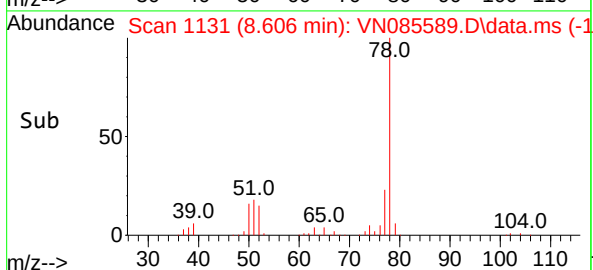
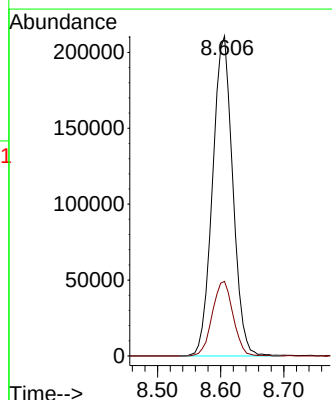
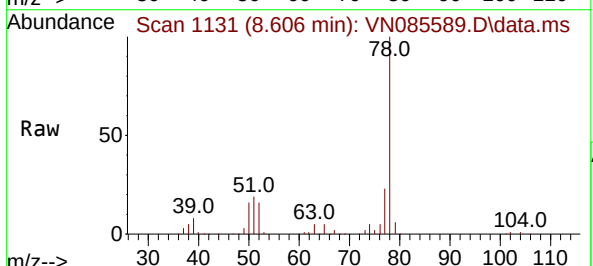
Acq: 30 Jan 2025 19:06

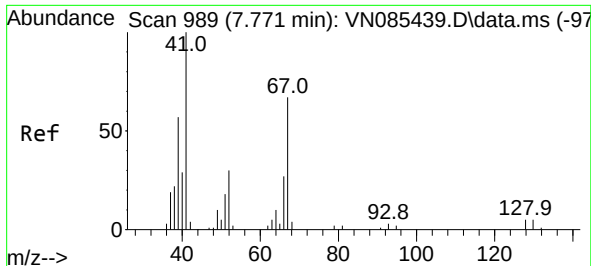
Tgt Ion: 78 Resp: 468453

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

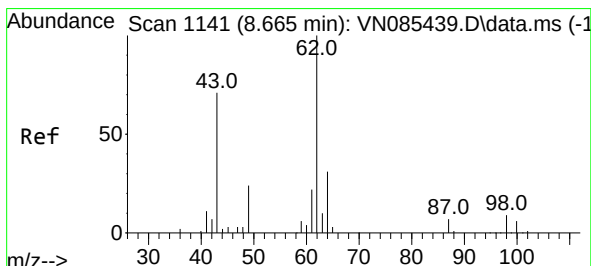
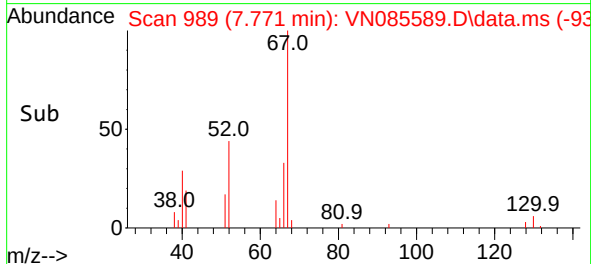
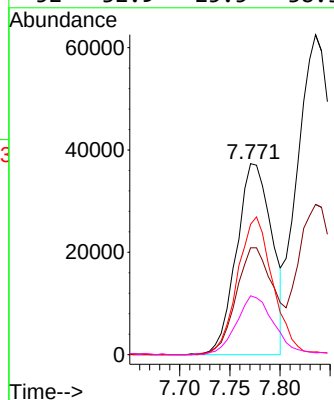
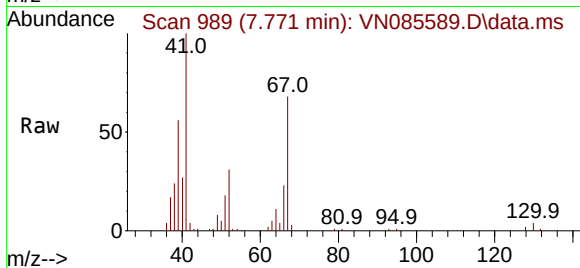




#41
Methacrylonitrile
Concen: 53.618 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

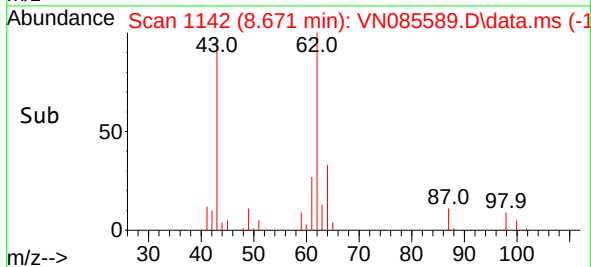
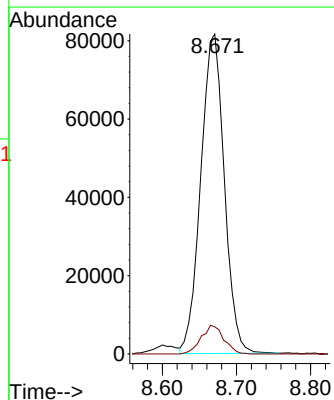
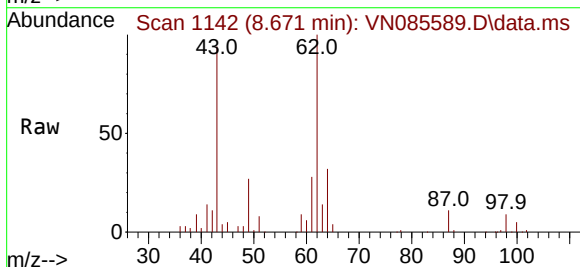
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

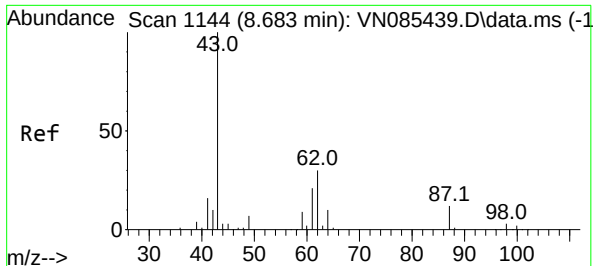
Tgt Ion:	41	Resp:	92010
Ion	Ratio	Lower	Upper
41	100		
39	60.9	46.0	69.0
67	72.7	57.4	86.2
52	32.9	25.5	38.3



#42
1,2-Dichloroethane
Concen: 48.718 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:	62	Resp:	180158
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

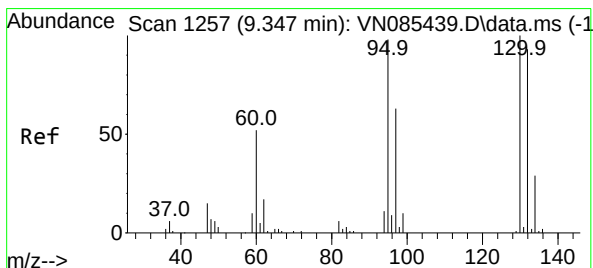
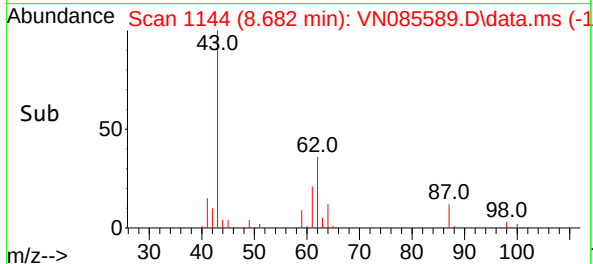
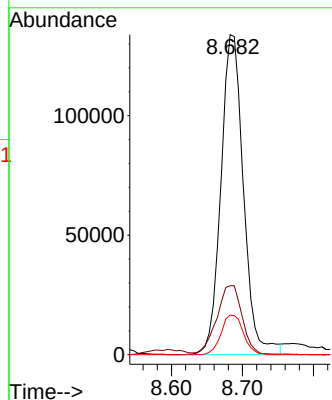
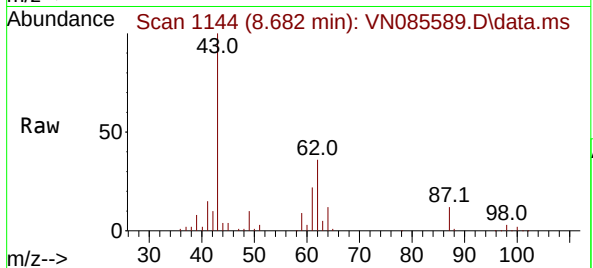




#43
Isopropyl Acetate
Concen: 55.903 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

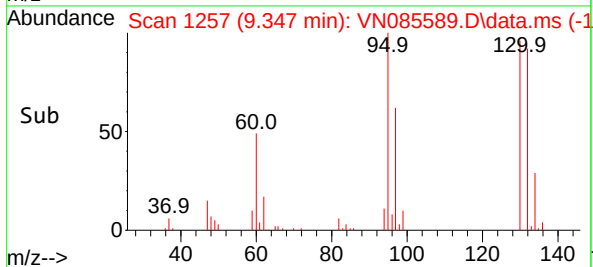
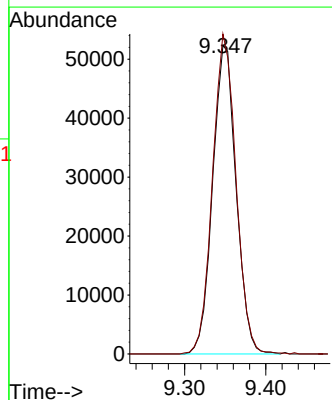
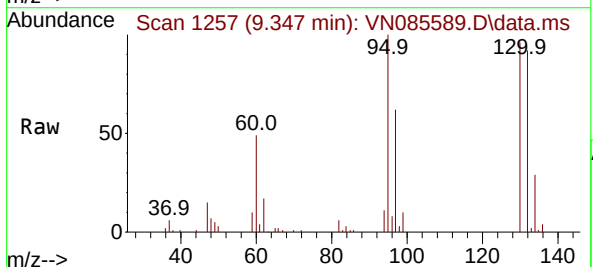
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

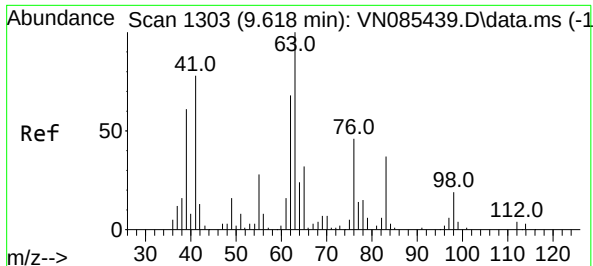
Tgt Ion: 43 Resp: 295453
Ion Ratio Lower Upper
43 100
61 24.5 20.7 31.1
87 12.1 9.8 14.8



#44
Trichloroethene
Concen: 46.011 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:130 Resp: 105161
Ion Ratio Lower Upper
130 100
95 103.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 49.634 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

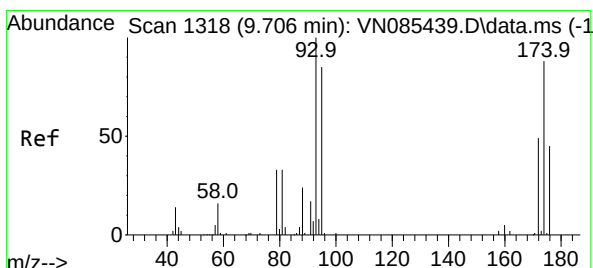
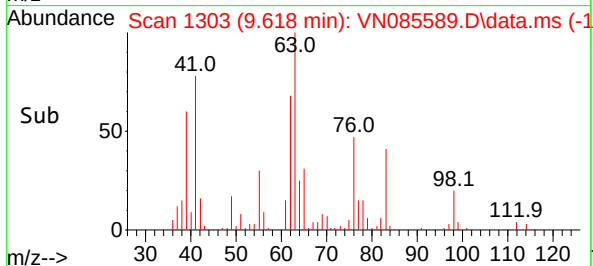
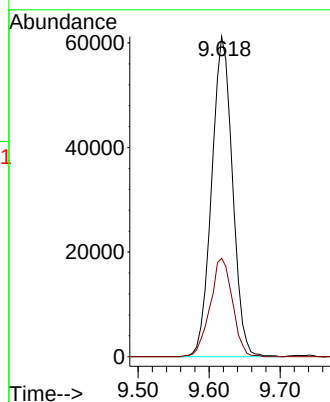
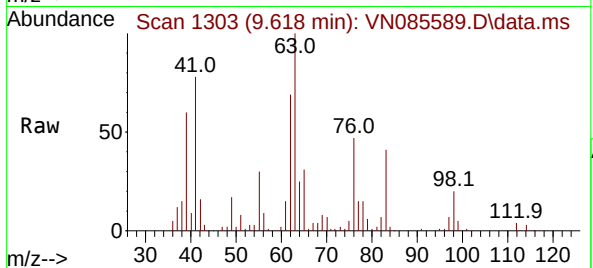
VSTDCCC050EC

Tgt Ion: 63 Resp: 124479

Ion Ratio Lower Upper

63 100

65 30.8 25.6 38.4



#46

Dibromomethane

Concen: 48.009 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

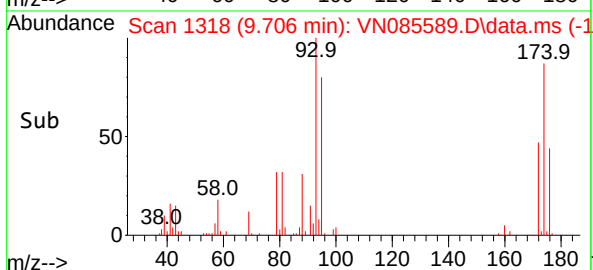
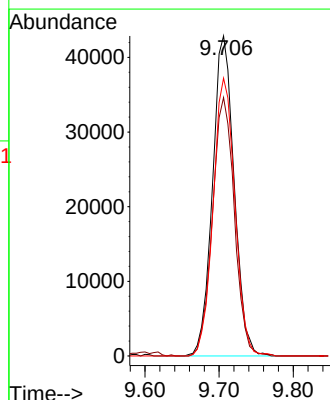
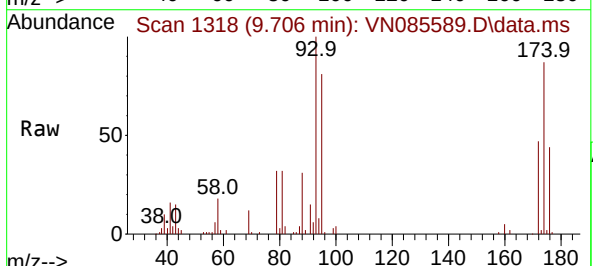
Tgt Ion: 93 Resp: 86879

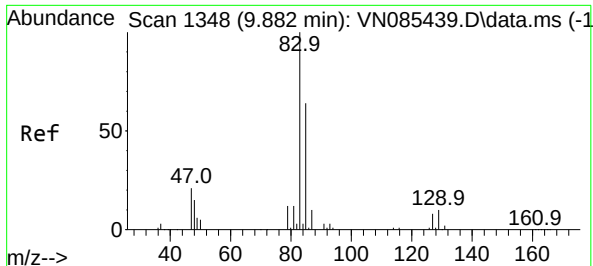
Ion Ratio Lower Upper

93 100

95 81.8 64.7 97.1

174 87.4 69.0 103.4

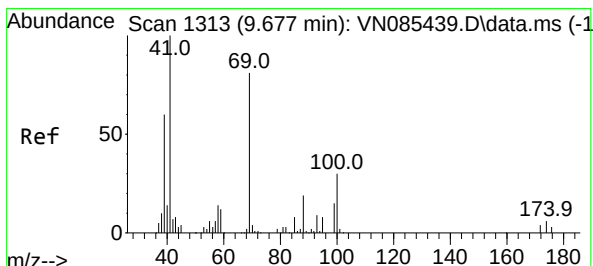
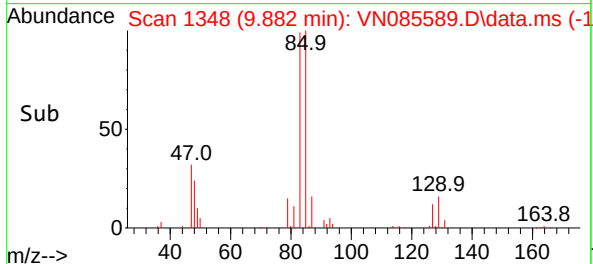
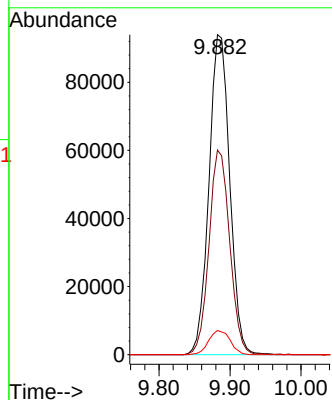
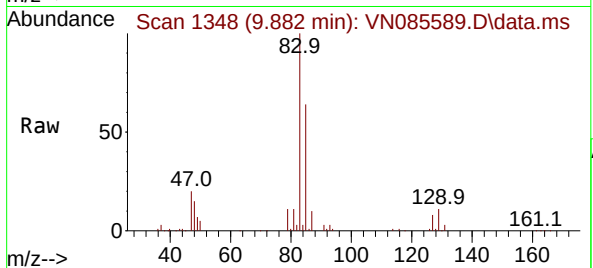




#47
Bromodichloromethane
Concen: 51.714 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

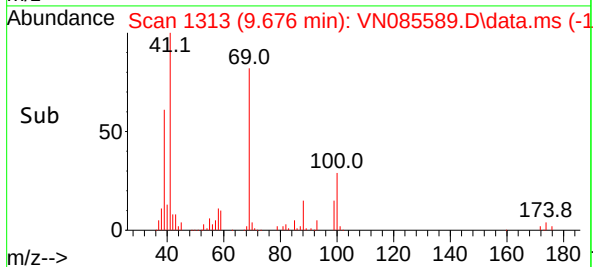
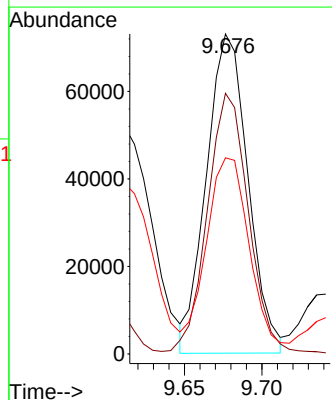
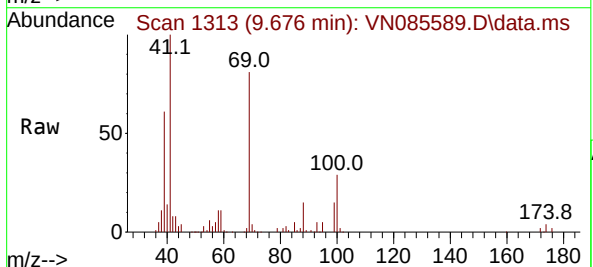
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

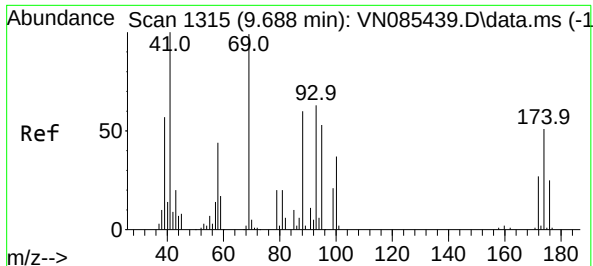
Tgt Ion: 83 Resp: 190657
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8
127 7.6 6.5 9.7



#48
Methyl methacrylate
Concen: 57.175 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 41 Resp: 135987
Ion Ratio Lower Upper
41 100
69 80.4 64.7 97.1
39 64.5 49.0 73.6





#49

1,4-Dioxane

Concen: 1115.842 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

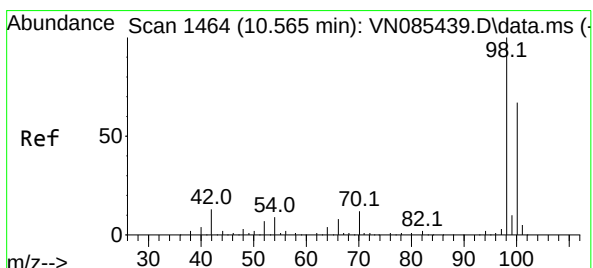
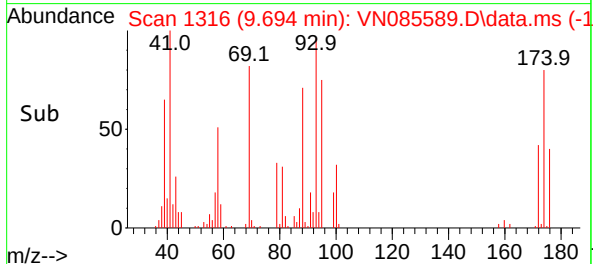
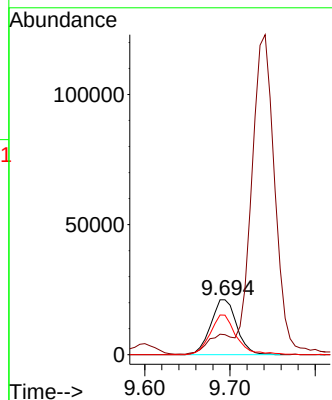
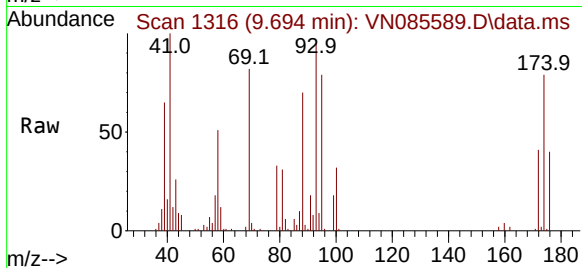
Tgt Ion: 88 Resp: 44692

Ion Ratio Lower Upper

88 100

43 36.7 26.6 39.8

58 72.9 59.5 89.3



#50

Toluene-d8

Concen: 52.529 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085589.D

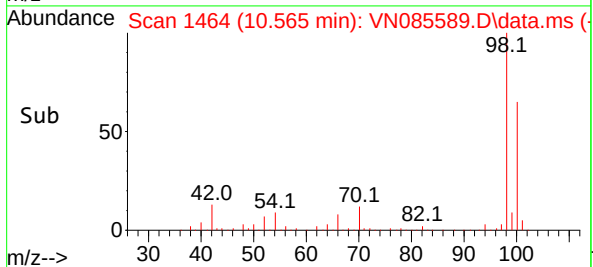
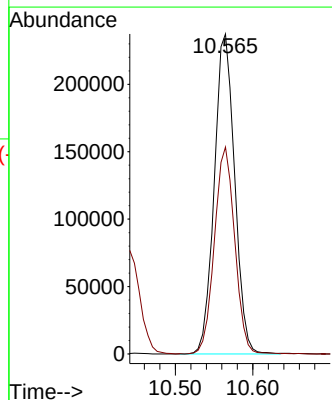
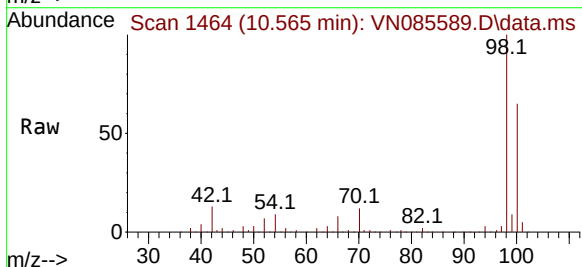
Acq: 30 Jan 2025 19:06

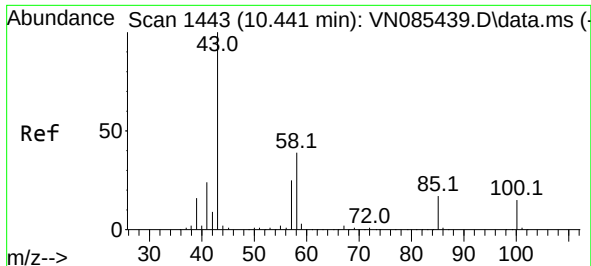
Tgt Ion: 98 Resp: 434546

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4

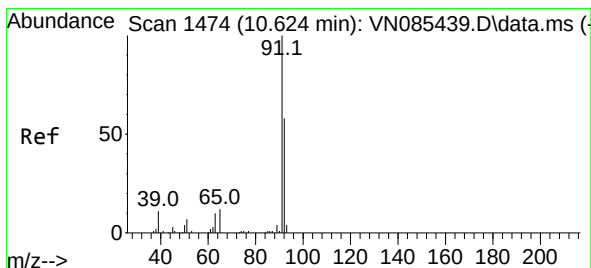
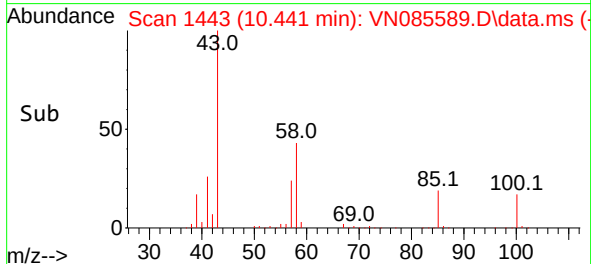
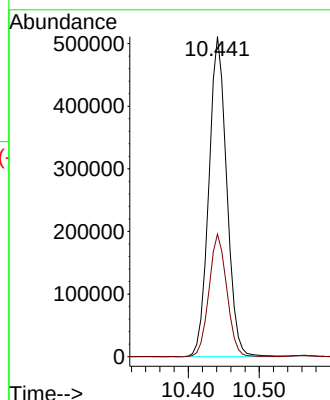
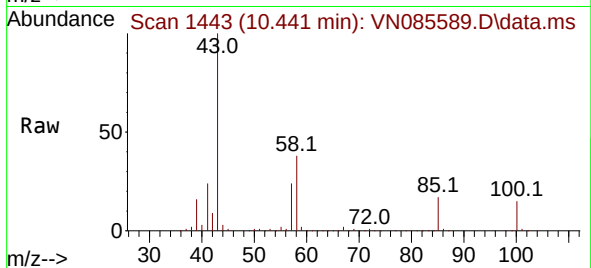




#51
4-Methyl-2-Pentanone
Concen: 291.772 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

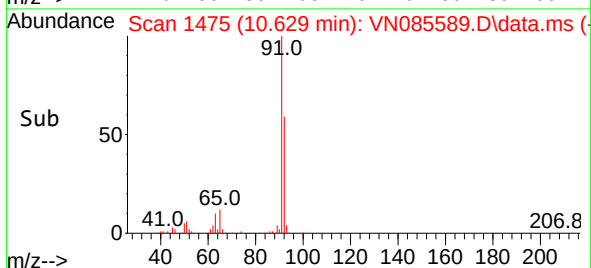
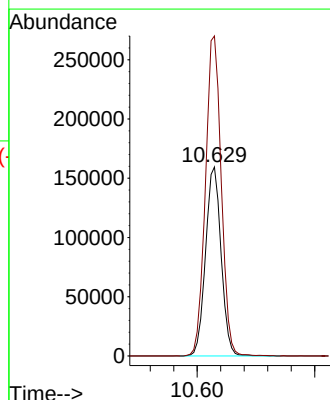
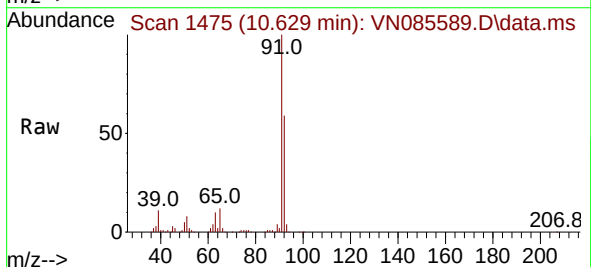
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

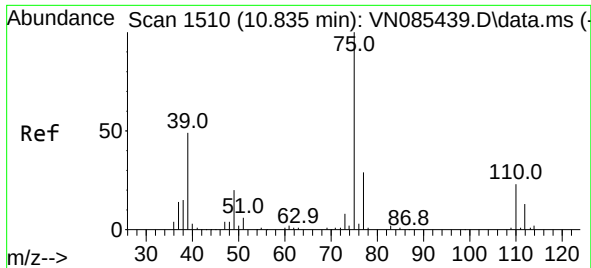
Tgt Ion: 43 Resp: 894830
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7



#52
Toluene
Concen: 51.578 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 92 Resp: 293434
Ion Ratio Lower Upper
92 100
91 172.3 139.2 208.8

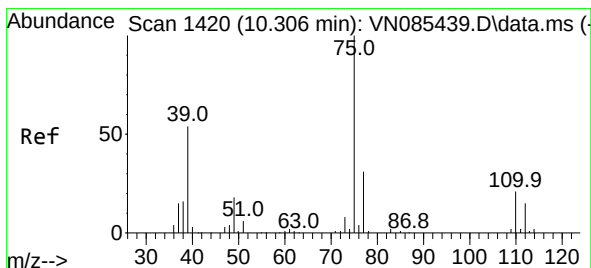
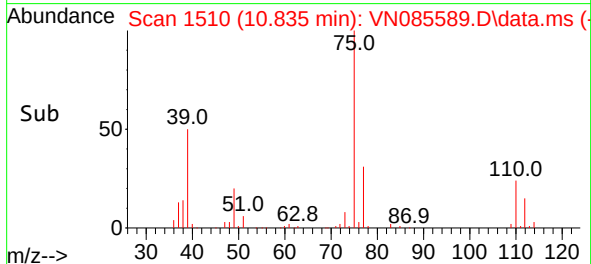
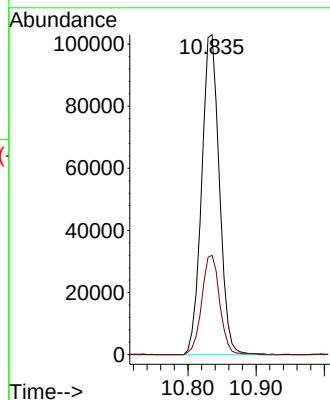
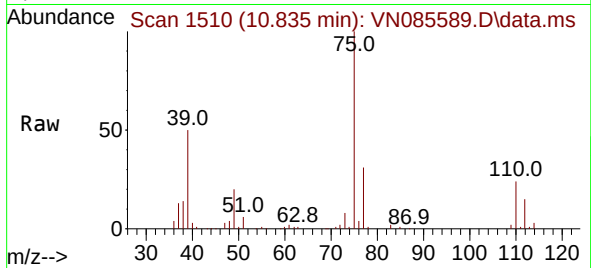




#53
 t-1,3-Dichloropropene
 Concen: 53.277 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

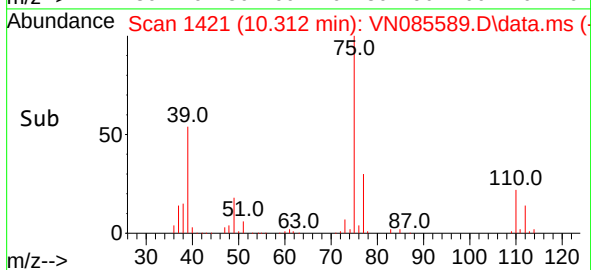
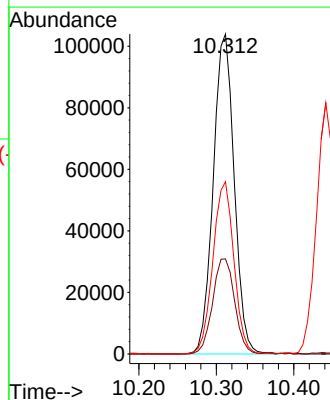
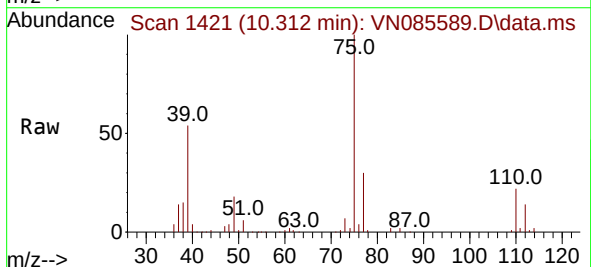
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

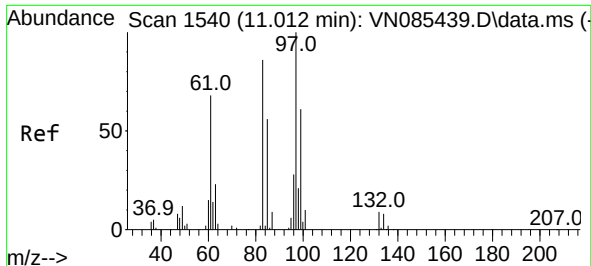
Tgt Ion: 75 Resp: 185623
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.519 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion: 75 Resp: 195455
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.0 37.4
 39 53.9 43.1 64.7

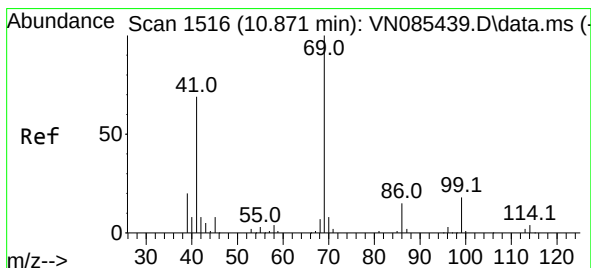
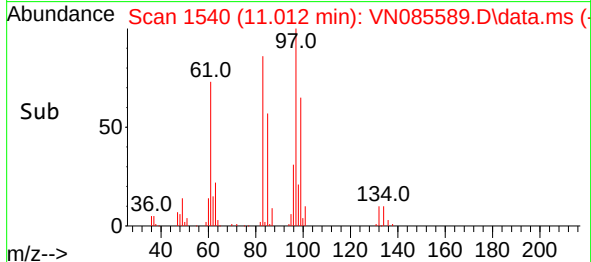
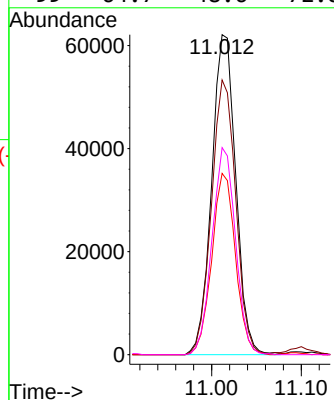
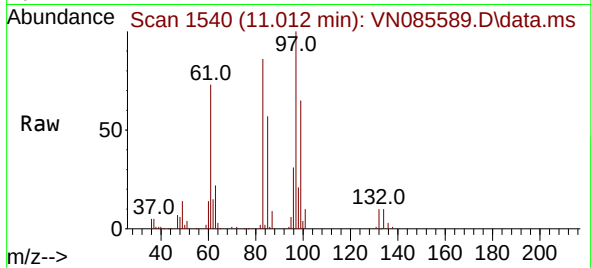




#55
1,1,2-Trichloroethane
Concen: 51.501 ug/l
RT: 11.012 min Scan# 115952
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

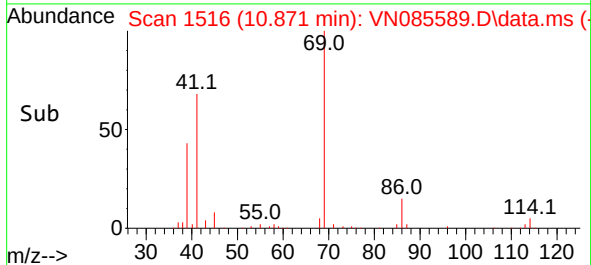
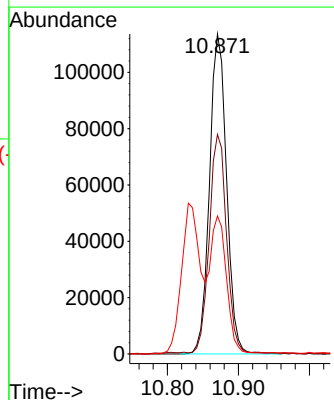
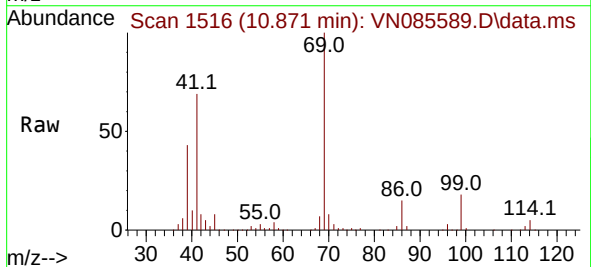
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

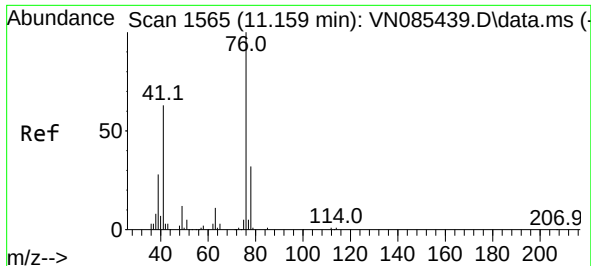
Tgt Ion:	97	Resp:	115952
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	56.7	44.6	66.8
99	64.7	48.6	72.8



#56
Ethyl methacrylate
Concen: 50.062 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:	69	Resp:	189877
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.6	82.0
39	40.5	32.4	48.6





#57

1,3-Dichloropropane

Concen: 52.723 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

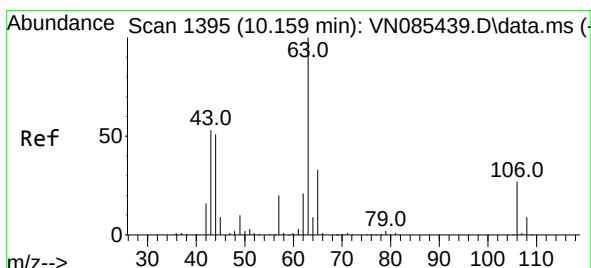
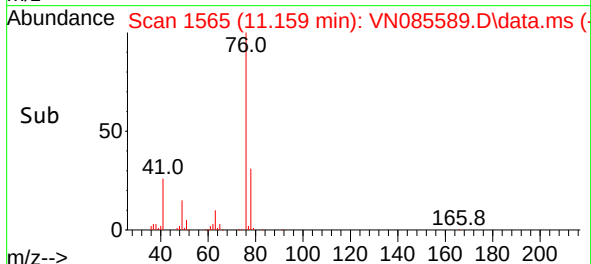
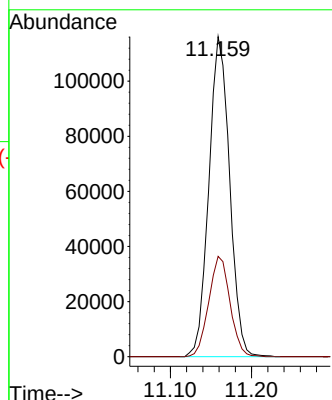
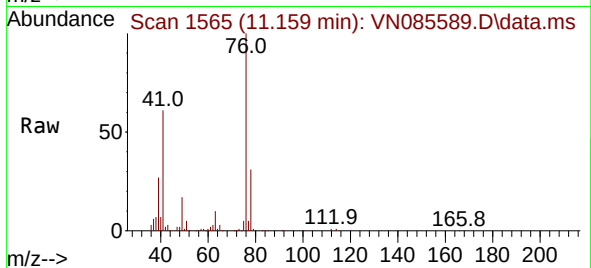
VSTDCCC050EC

Tgt Ion: 76 Resp: 206402

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.567 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085589.D

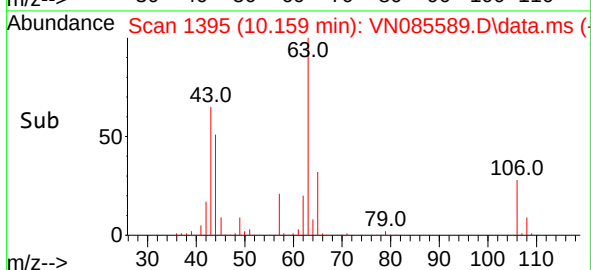
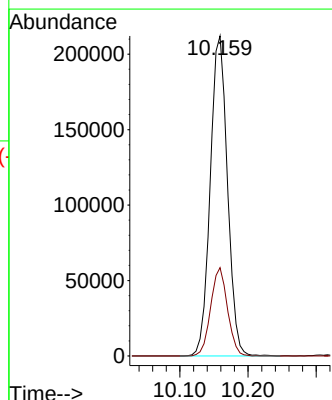
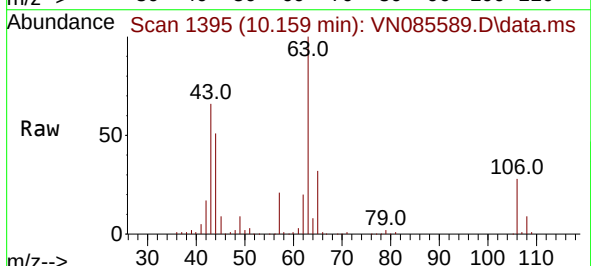
Acq: 30 Jan 2025 19:06

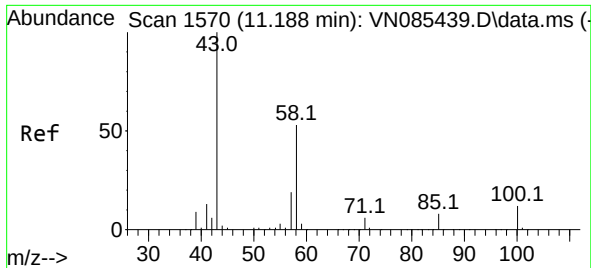
Tgt Ion: 63 Resp: 372287

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

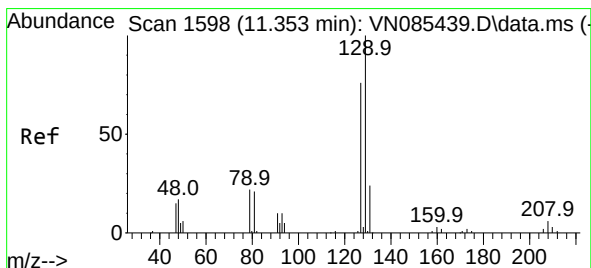
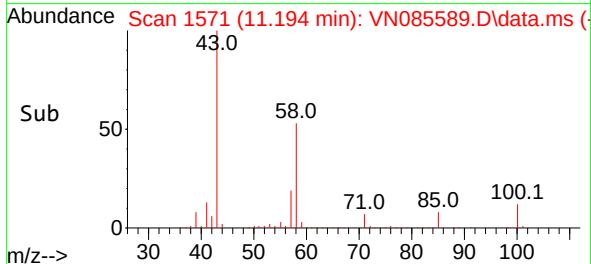
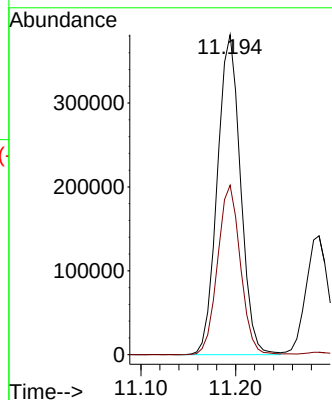
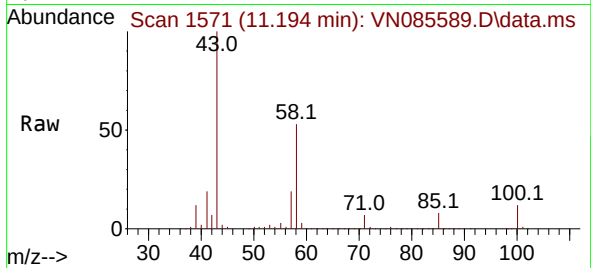




#59
2-Hexanone
Concen: 300.823 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

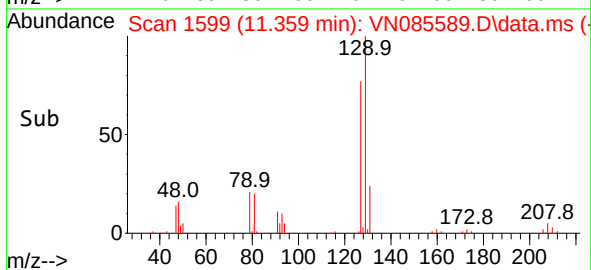
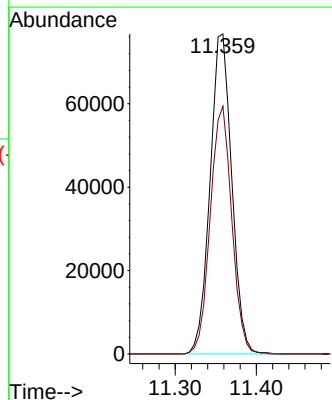
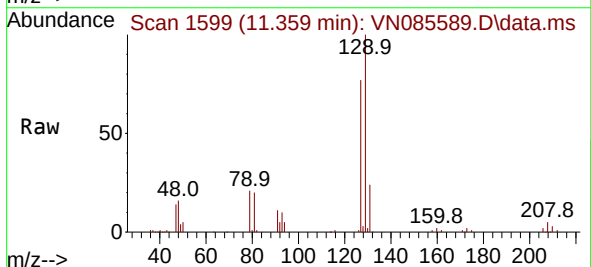
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

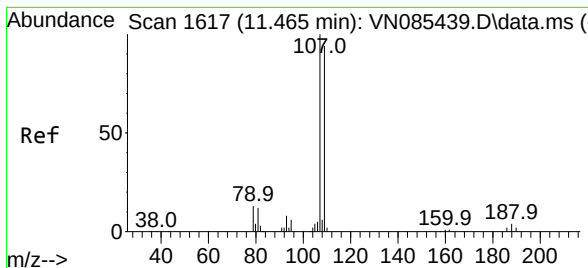
Tgt Ion: 43 Resp: 649161
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.6



#60
Dibromochloromethane
Concen: 52.438 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 129 Resp: 142533
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

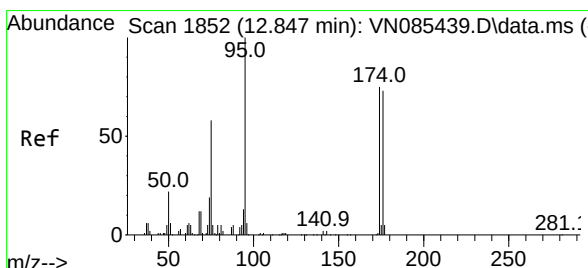
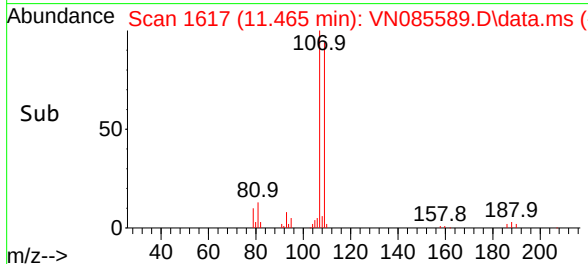
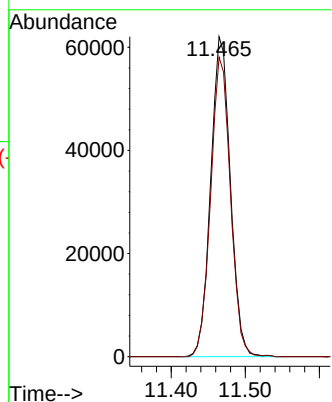
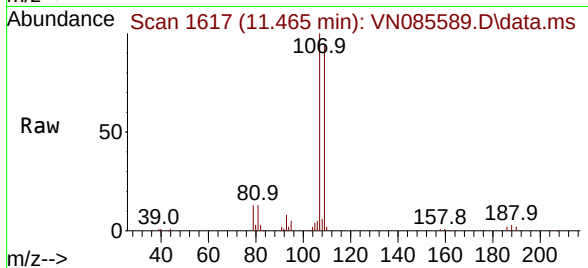




#61
1,2-Dibromoethane
Concen: 51.076 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

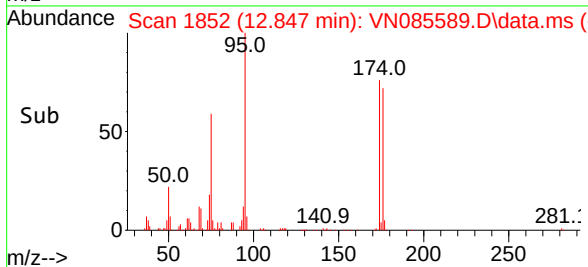
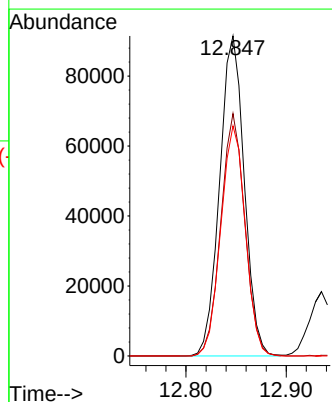
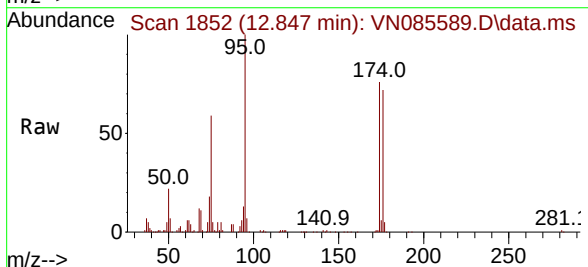
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

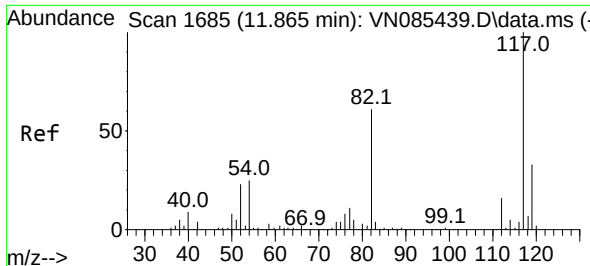
Tgt Ion:107 Resp: 114468
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.135 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 95 Resp: 156024
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 71.6 0.0 142.4

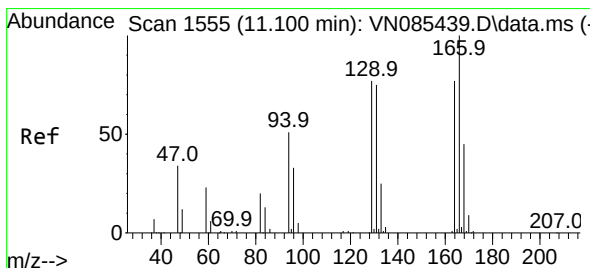
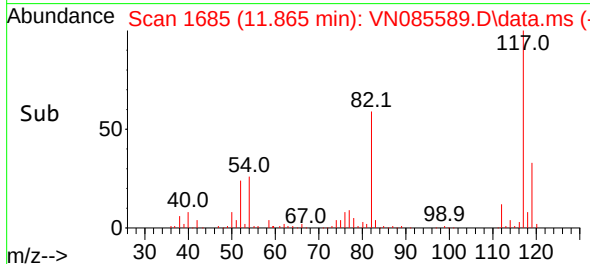
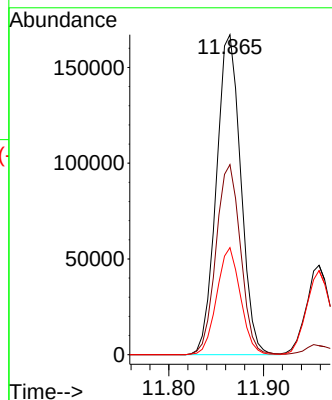
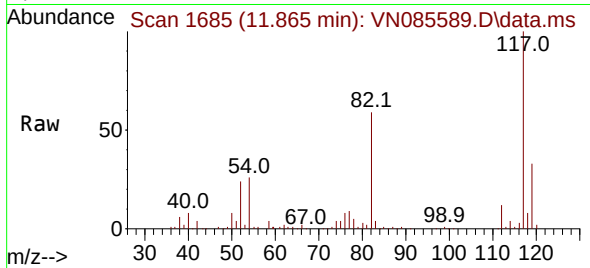




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

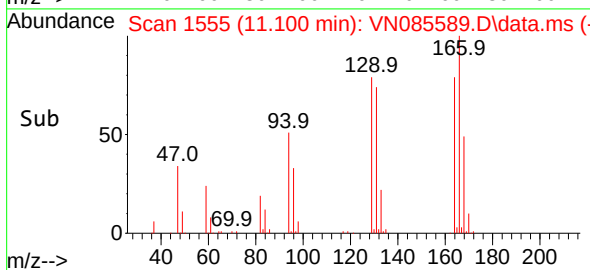
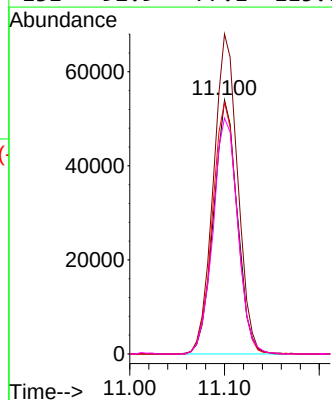
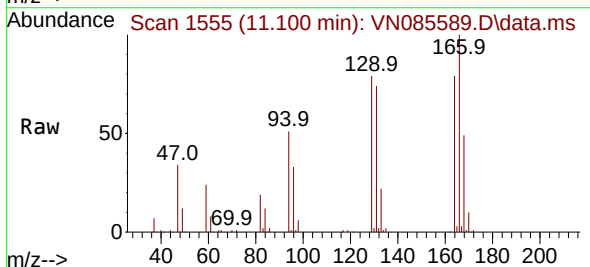
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

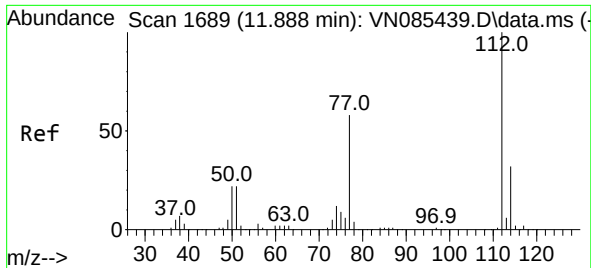
Tgt Ion:117 Resp: 299857
Ion Ratio Lower Upper
117 100
82 59.4 48.6 72.8
119 33.5 26.6 39.8



#64
Tetrachloroethene
Concen: 46.147 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:164 Resp: 94335
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.2
129 99.1 79.2 118.8
131 92.9 77.1 115.7

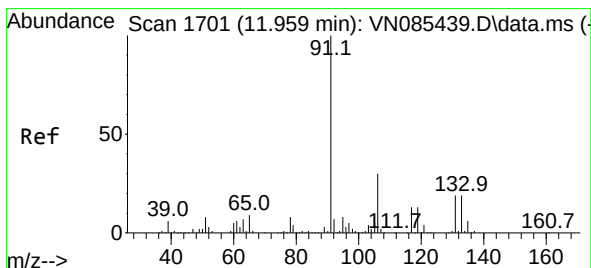
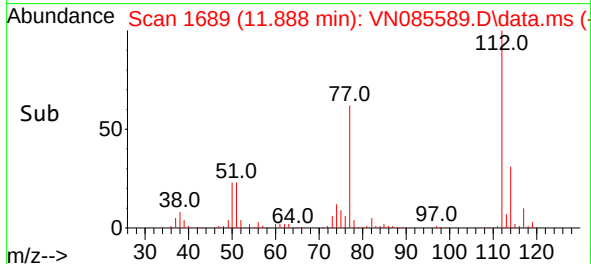
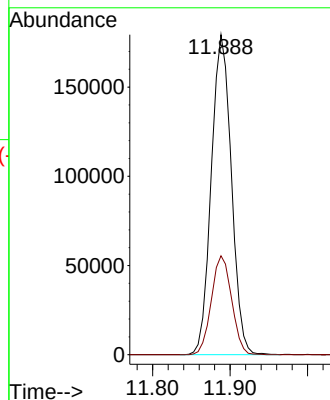
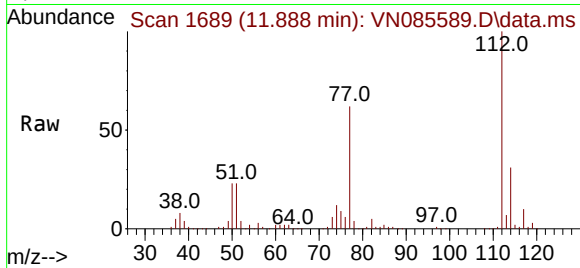




#65
Chlorobenzene
Concen: 49.111 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

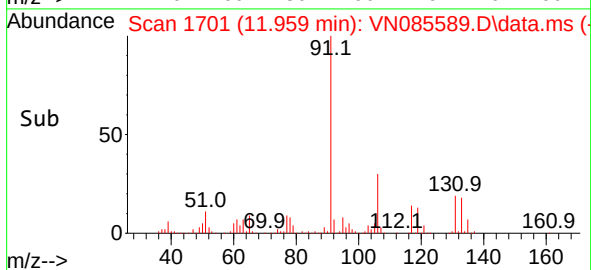
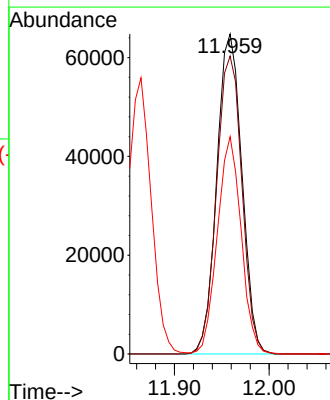
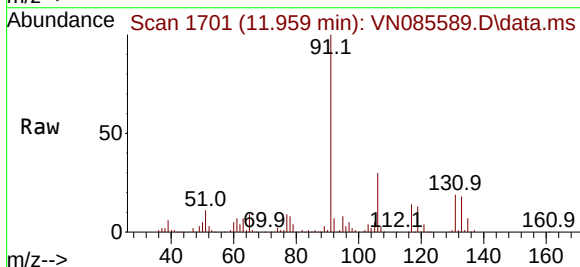
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

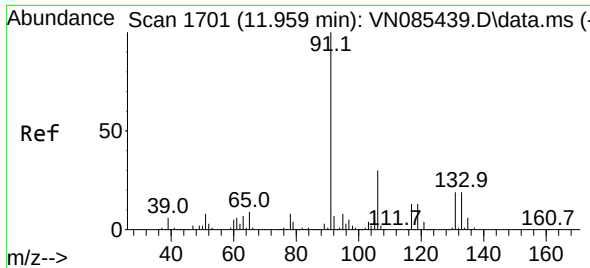
Tgt Ion:112 Resp: 322603
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.597 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:131 Resp: 119573
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 64.4 33.1 99.5

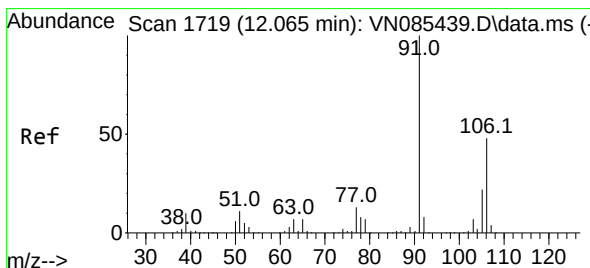
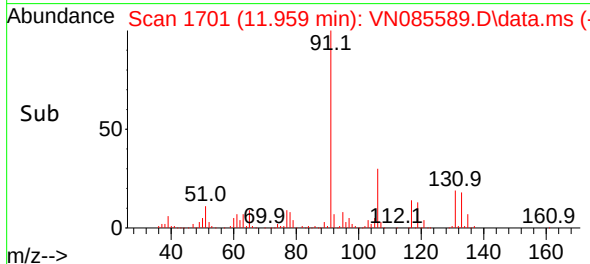
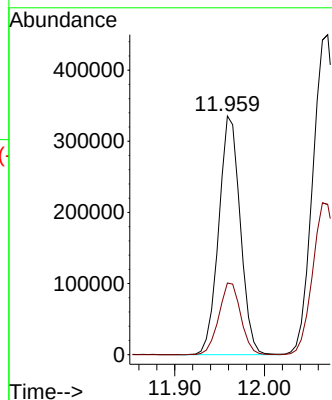
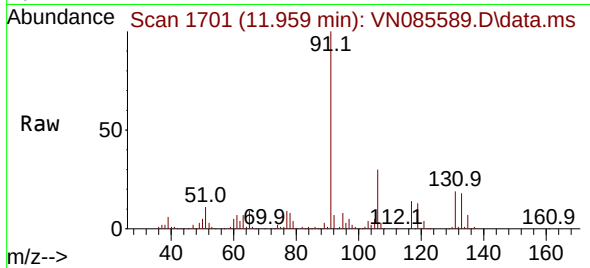




#67
Ethyl Benzene
Concen: 52.224 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

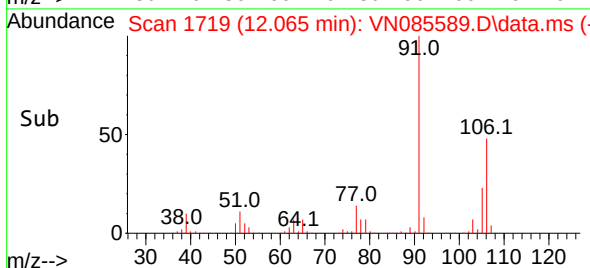
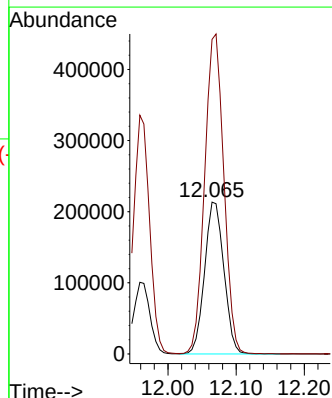
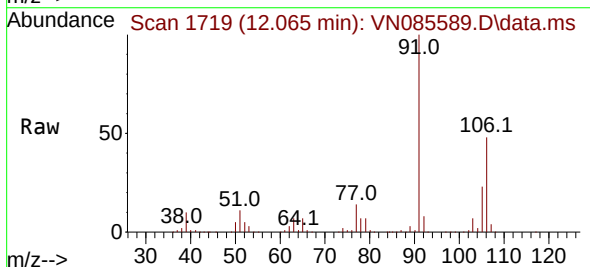
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

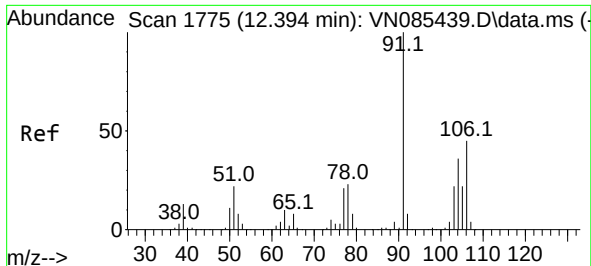
Tgt Ion: 91 Resp: 558745
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 106.156 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 106 Resp: 419759
Ion Ratio Lower Upper
106 100
91 209.8 167.7 251.5

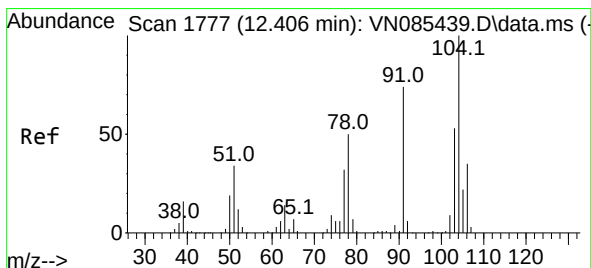
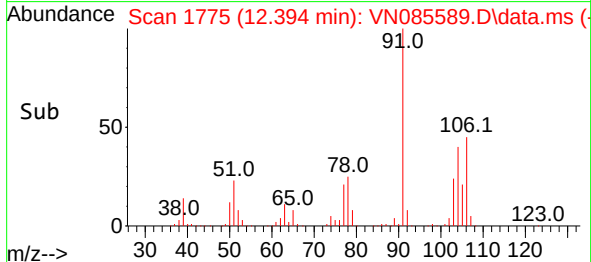
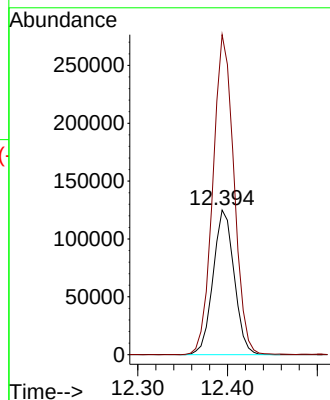
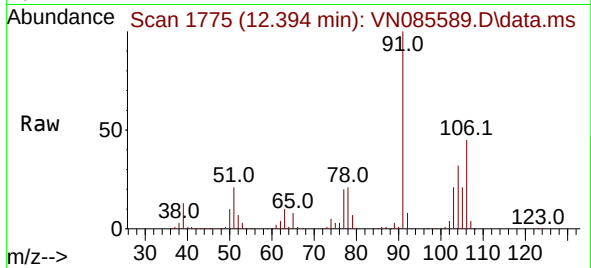




#69
o-Xylene
Concen: 53.912 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

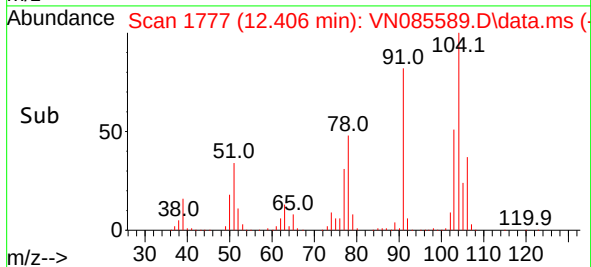
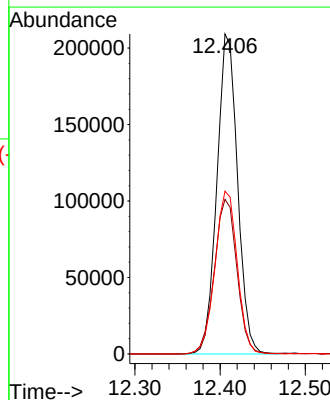
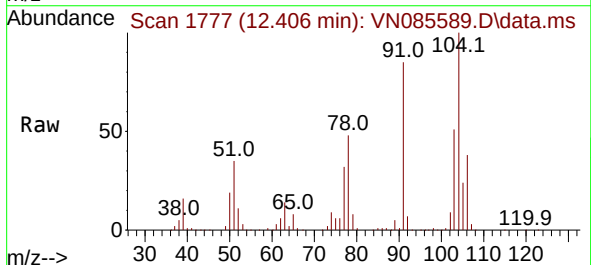
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

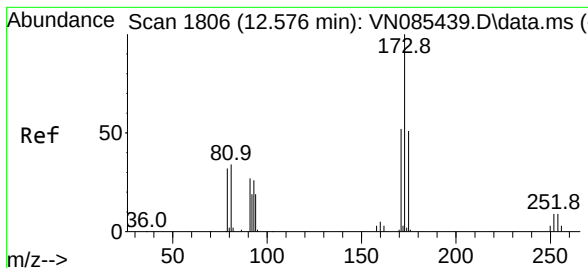
Tgt Ion:106 Resp: 203725
Ion Ratio Lower Upper
106 100
91 221.8 110.4 331.2



#70
Styrene
Concen: 56.360 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:104 Resp: 352471
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 54.9 43.8 65.8

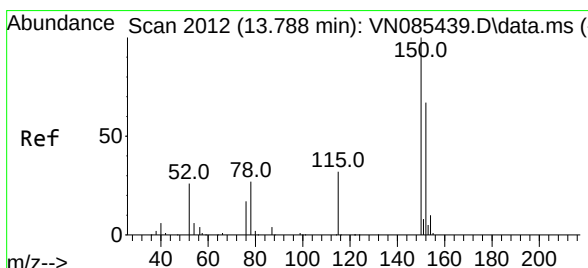
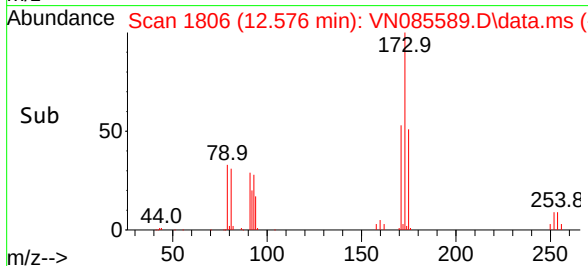
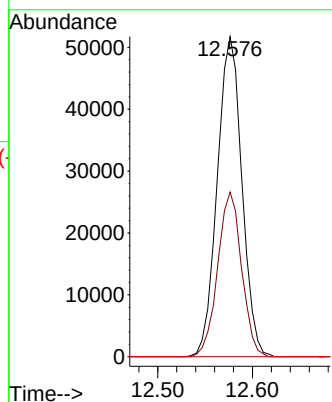
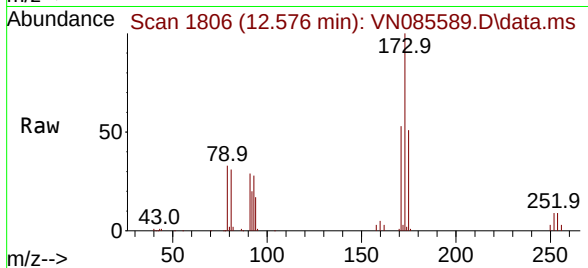




#71
Bromoform
Concen: 54.197 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

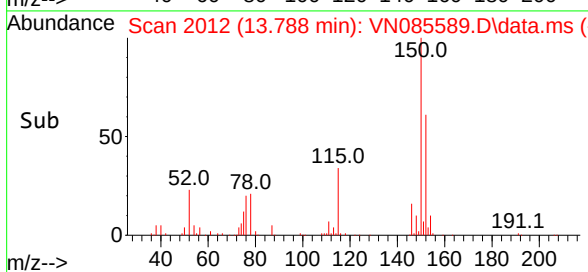
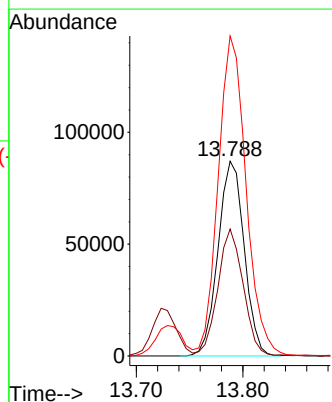
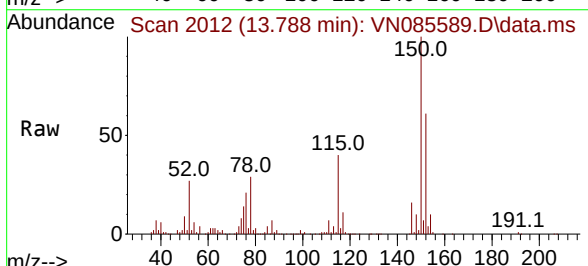
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

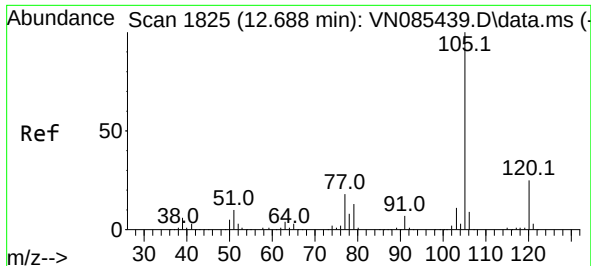
Tgt Ion:173 Resp: 93492
Ion Ratio Lower Upper
173 100
175 49.9 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:152 Resp: 148704
Ion Ratio Lower Upper
152 100
115 62.9 31.1 93.3
150 175.1 0.0 343.6

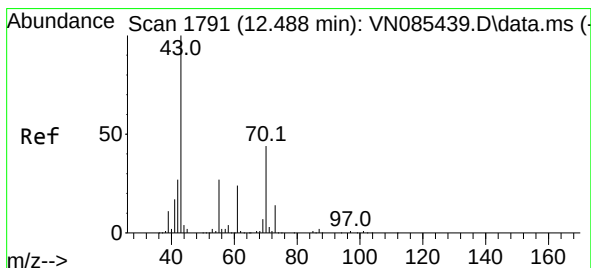
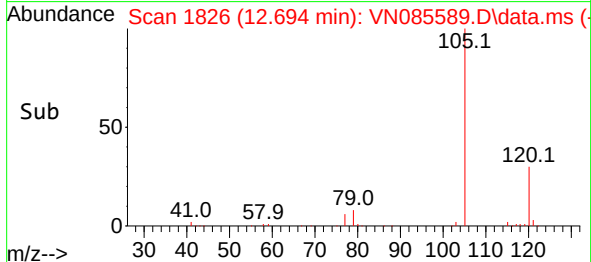
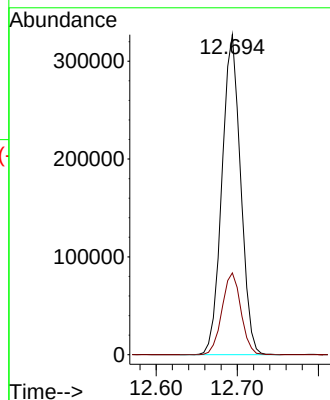
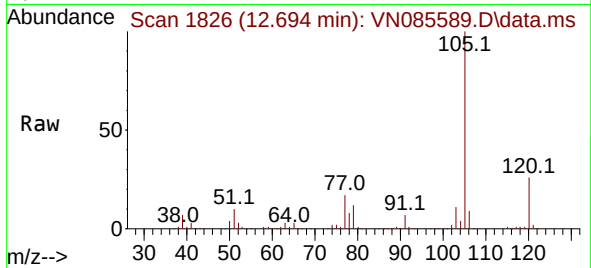




#73
Isopropylbenzene
Concen: 52.104 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

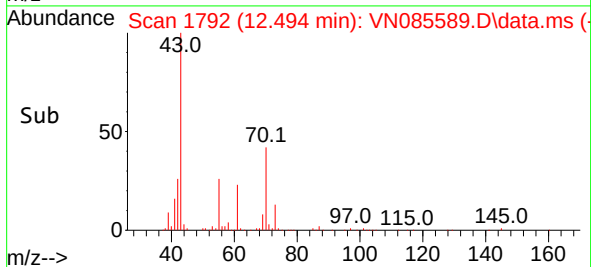
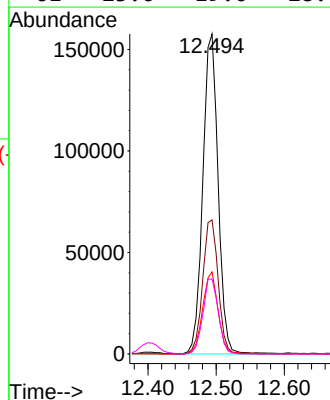
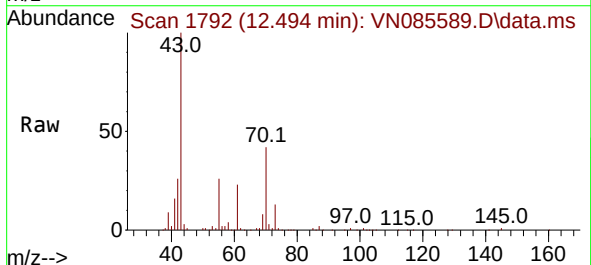
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

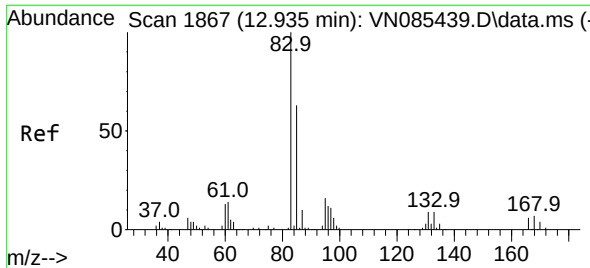
Tgt Ion:105 Resp: 522932
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#74
N-ethyl acetate
Concen: 54.507 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 43 Resp: 245884
Ion Ratio Lower Upper
43 100
70 42.4 34.0 51.0
55 26.0 21.4 32.2
61 23.6 19.0 28.4

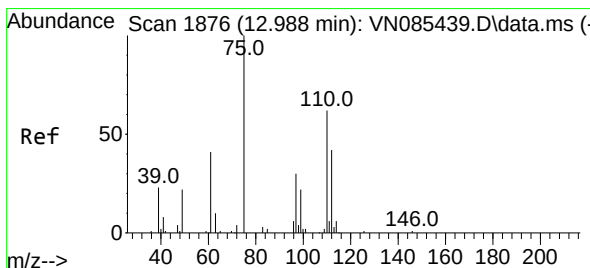
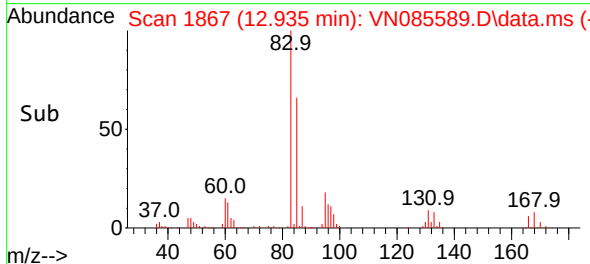
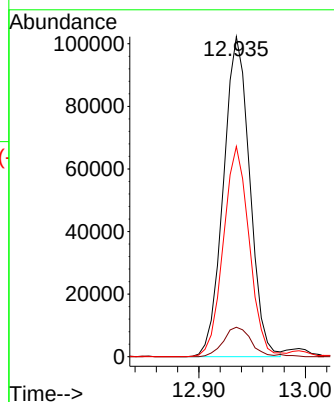
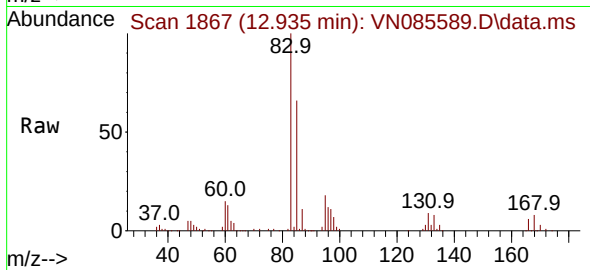




#75
1,1,2,2-Tetrachloroethane
Concen: 49.536 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

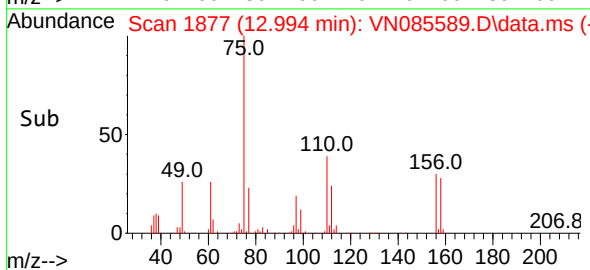
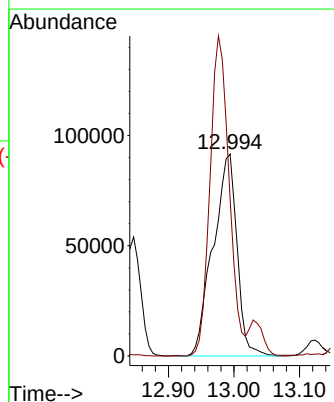
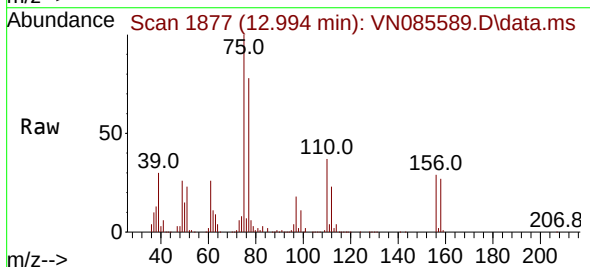
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

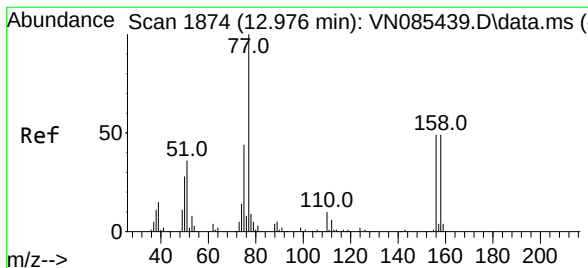
Tgt Ion: 83 Resp: 175616
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 76.593 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 75 Resp: 231498
Ion Ratio Lower Upper
75 100
77 127.5 109.7 329.2





#77

Bromobenzene

Concen: 48.107 ug/l

RT: 12.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

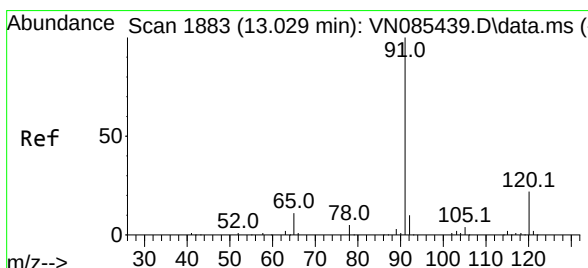
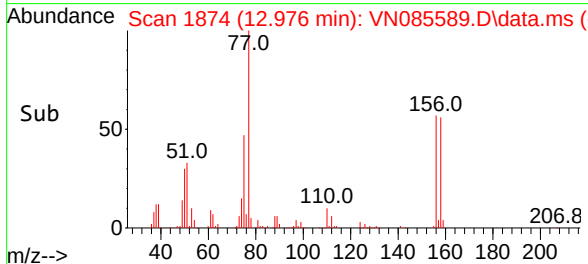
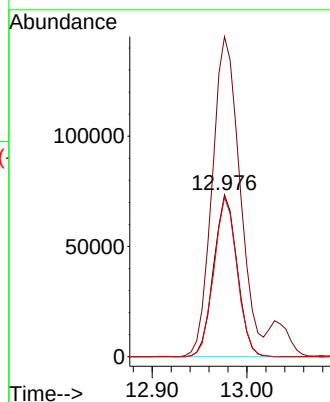
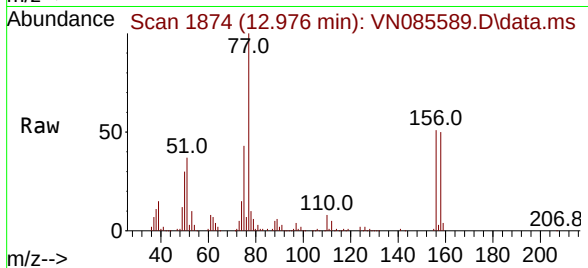
Tgt Ion:156 Resp: 126143

Ion Ratio Lower Upper

156 100

77 234.0 114.1 342.4

158 97.7 48.9 146.8



#78

n-propylbenzene

Concen: 51.600 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085589.D

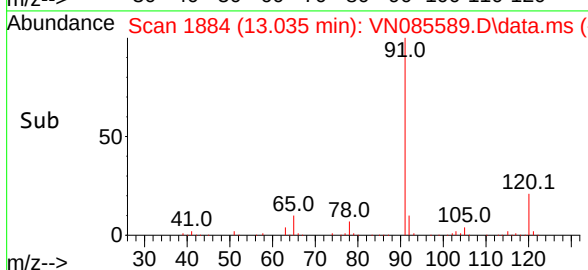
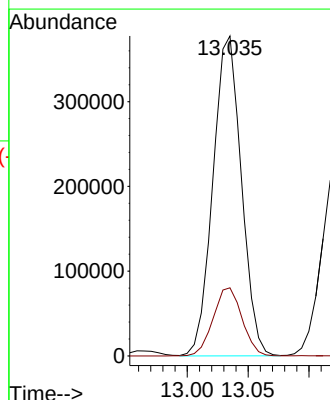
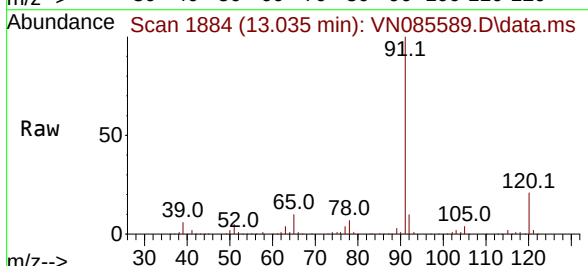
Acq: 30 Jan 2025 19:06

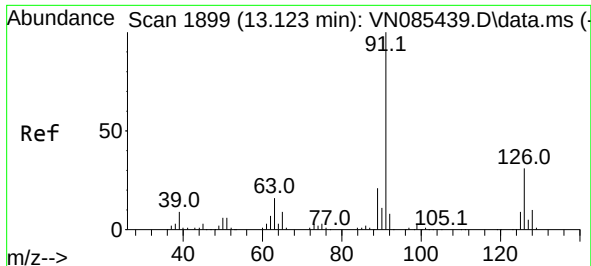
Tgt Ion: 91 Resp: 613075

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

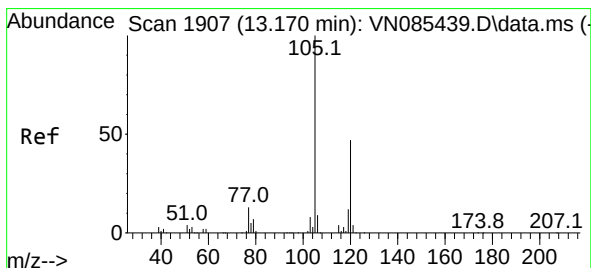
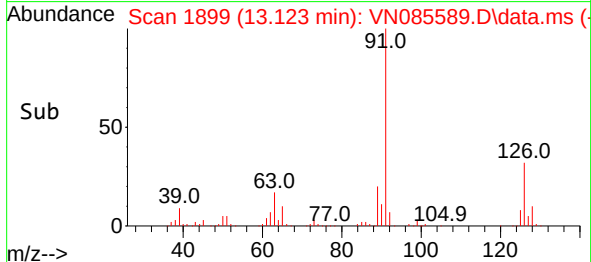
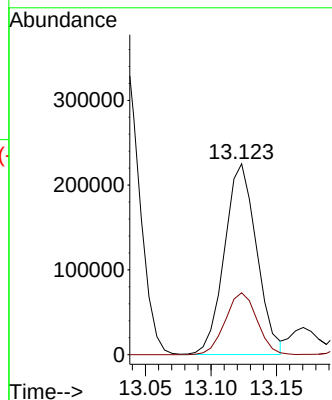
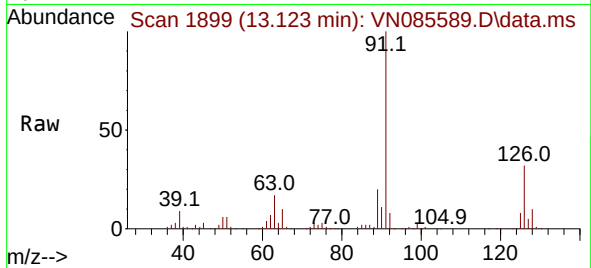




#79
2-Chlorotoluene
Concen: 50.064 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

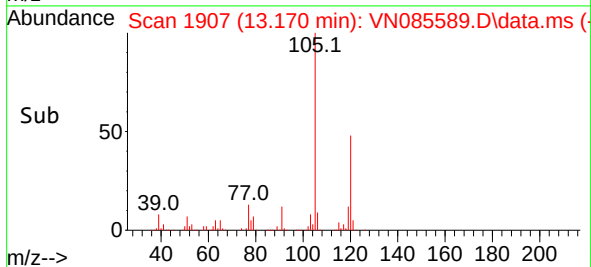
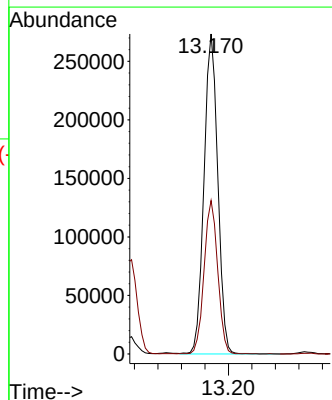
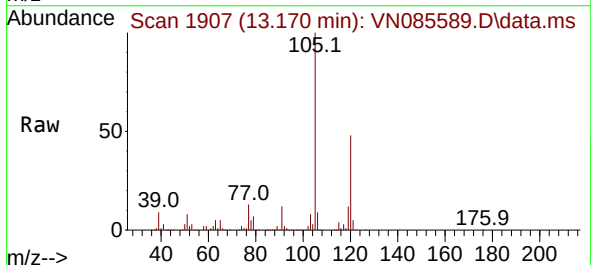
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

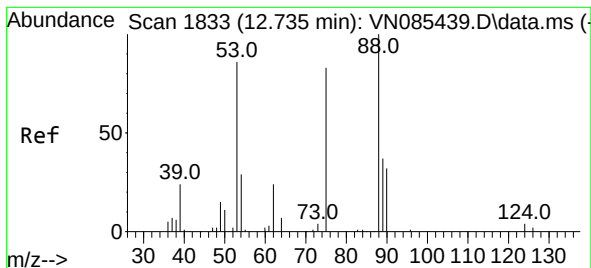
Tgt Ion: 91 Resp: 384964
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 53.624 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 105 Resp: 444548
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7

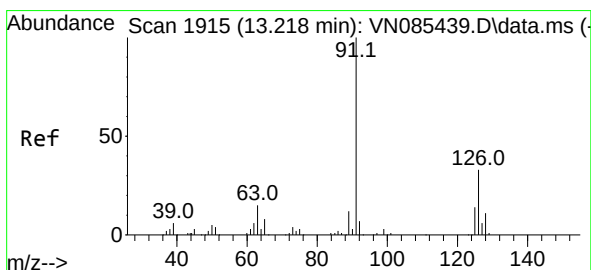
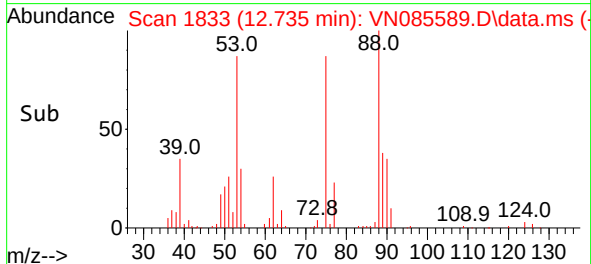
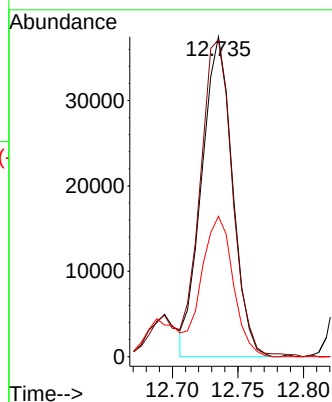
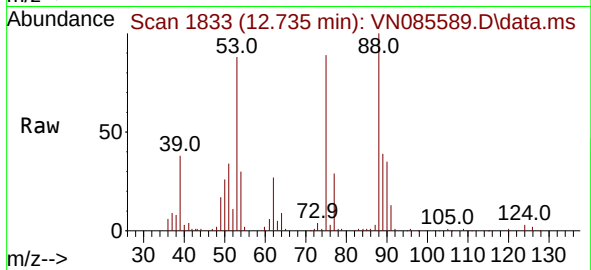




#81
trans-1,4-Dichloro-2-butene
Concen: 54.771 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

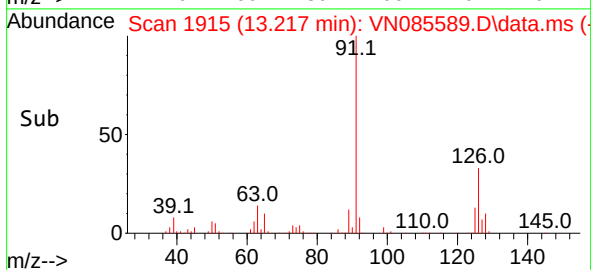
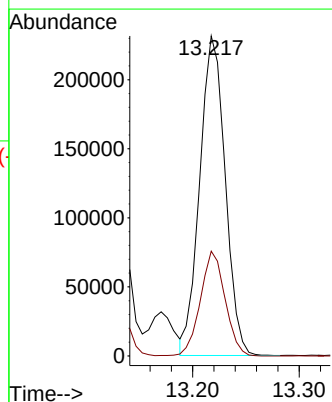
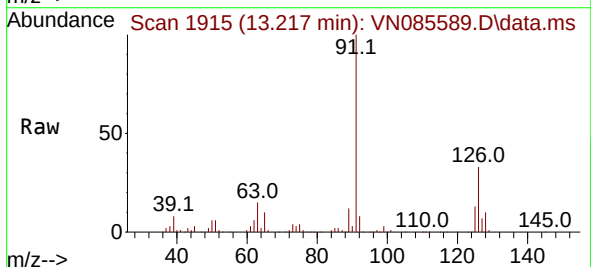
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

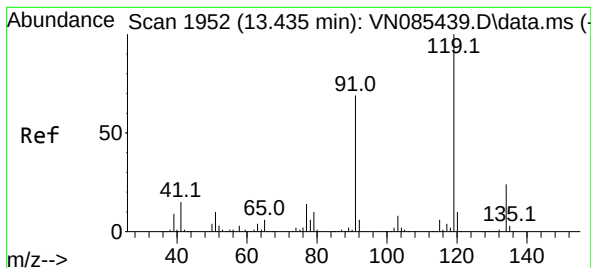
Tgt Ion: 75 Resp: 61186
Ion Ratio Lower Upper
75 100
53 103.9 95.6 143.4
89 45.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.271 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 91 Resp: 384892
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 52.829 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

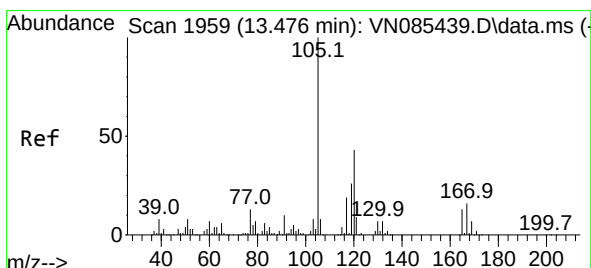
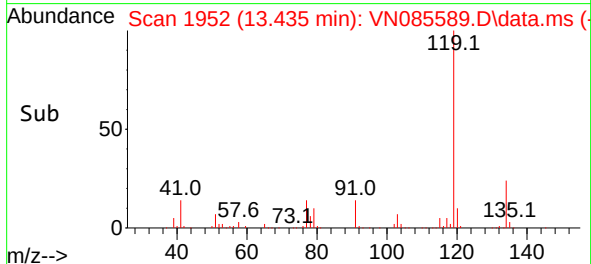
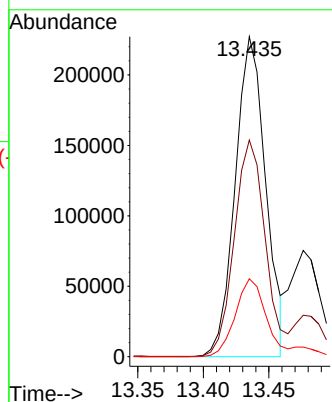
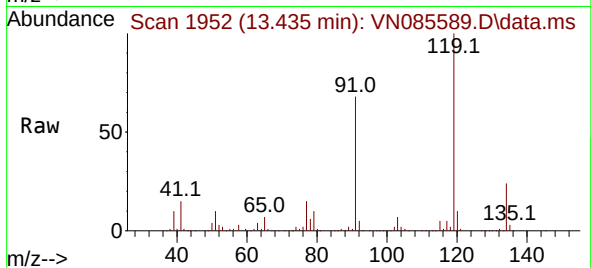
Tgt Ion:119 Resp: 367782

Ion Ratio Lower Upper

119 100

91 69.0 35.1 105.3

134 24.5 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 53.867 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085589.D

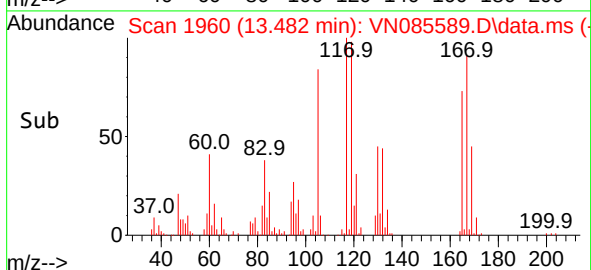
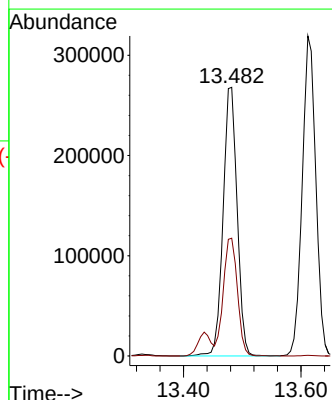
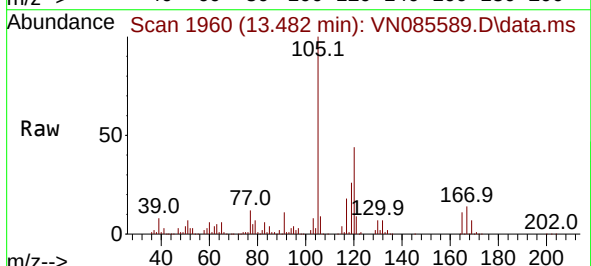
Acq: 30 Jan 2025 19:06

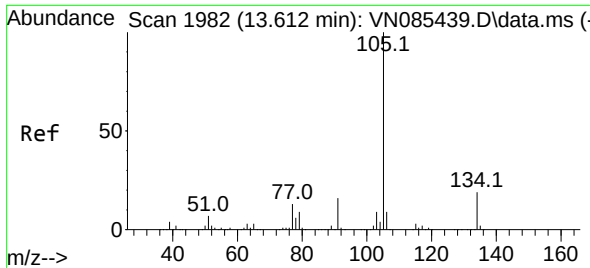
Tgt Ion:105 Resp: 445077

Ion Ratio Lower Upper

105 100

120 43.7 21.6 65.0

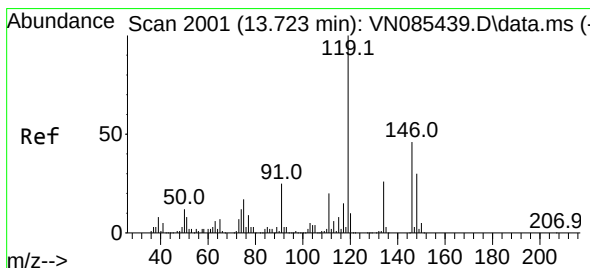
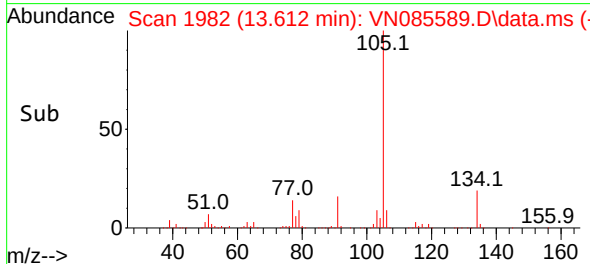
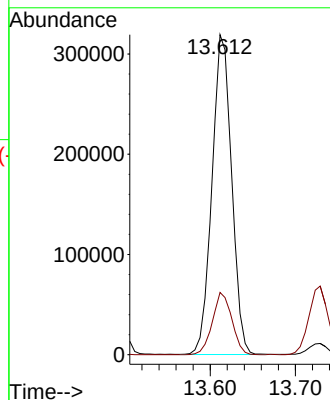
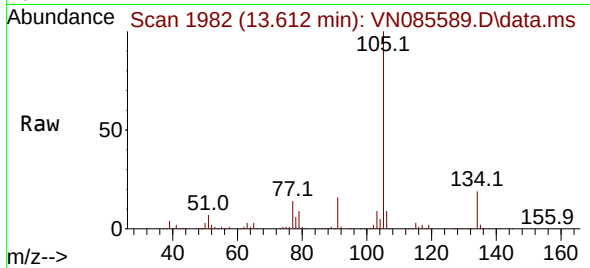




#85
 sec-Butylbenzene
 Concen: 52.984 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

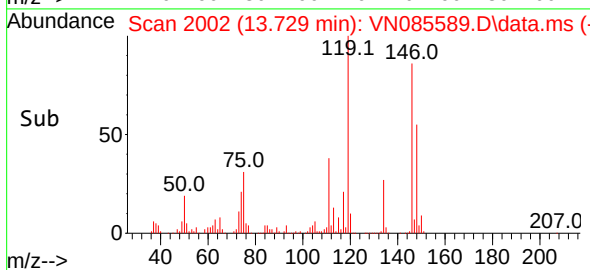
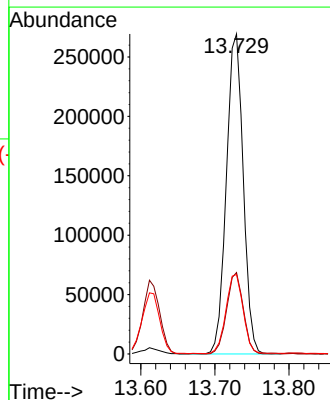
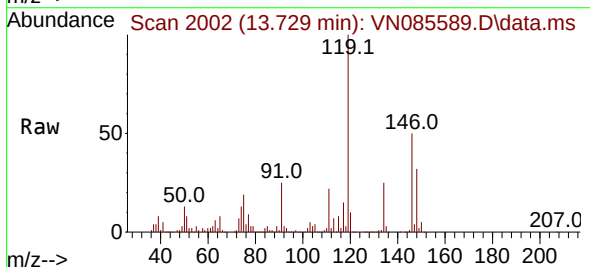
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

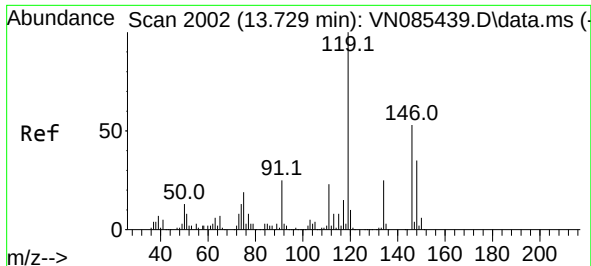
Tgt Ion:105 Resp: 511233
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.070 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion:119 Resp: 425364
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.0
 91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 47.888 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

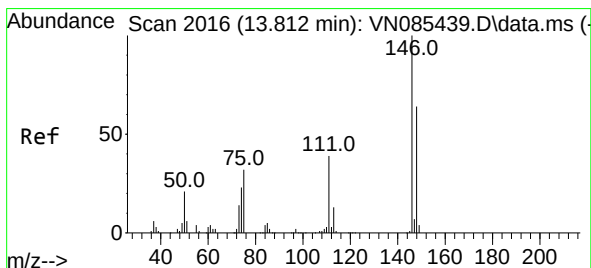
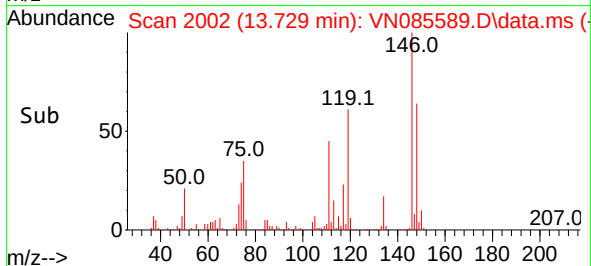
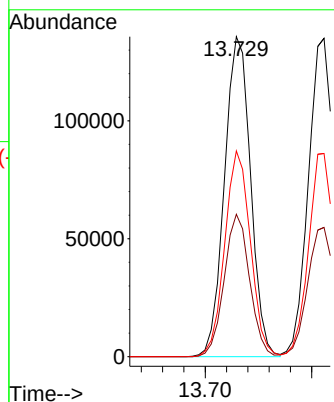
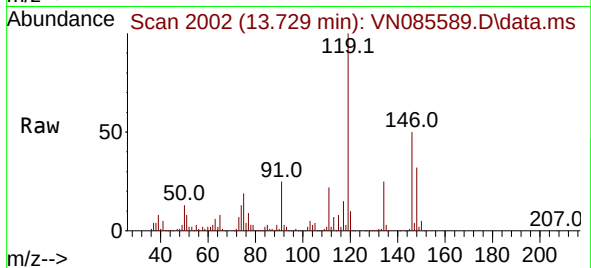
Tgt Ion:146 Resp: 231245

Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.3

148 63.3 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 46.314 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

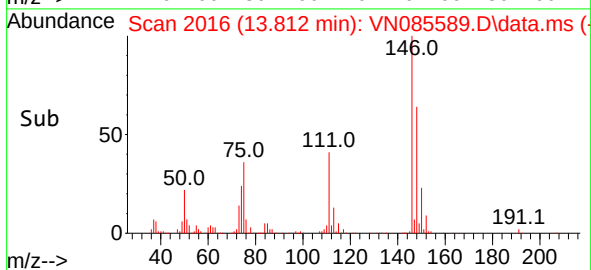
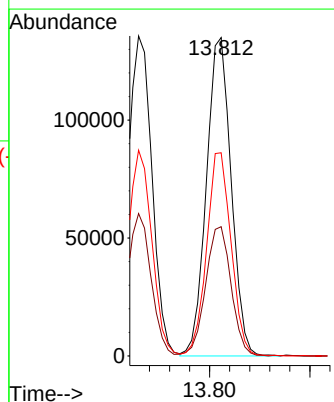
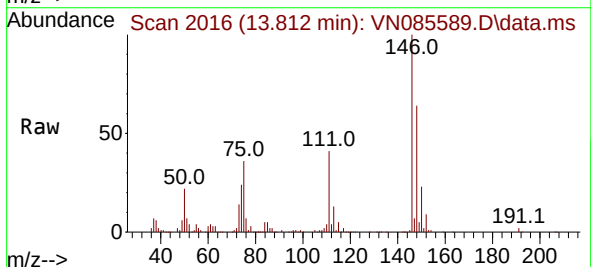
Tgt Ion:146 Resp: 231814

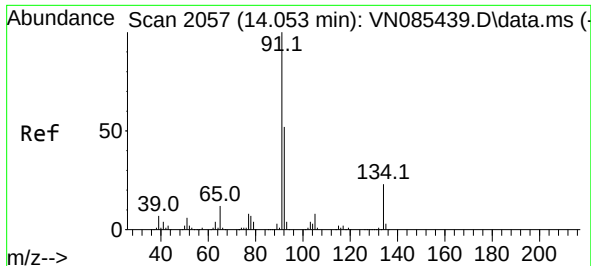
Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.7

148 63.2 32.4 97.0

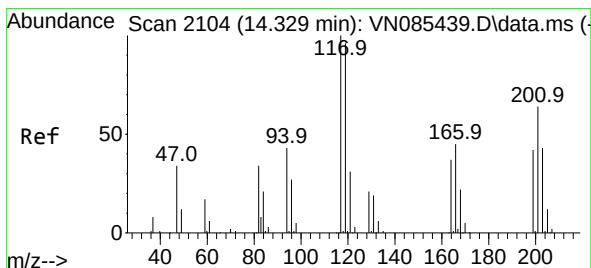
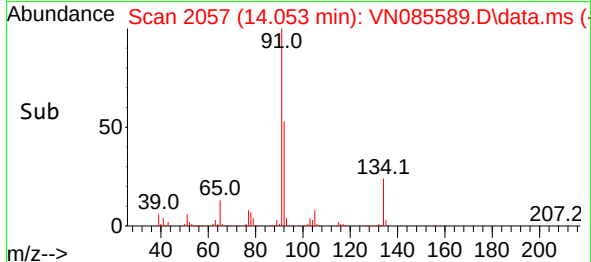
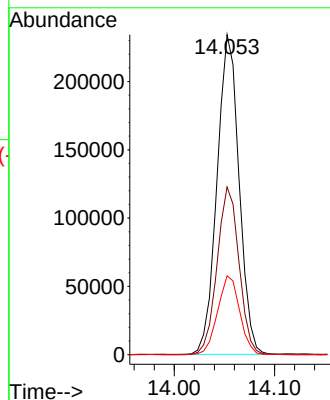
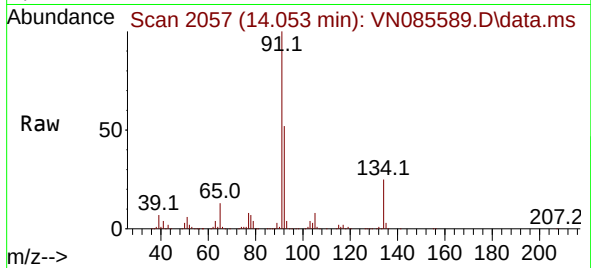




#89
n-Butylbenzene
Concen: 51.554 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

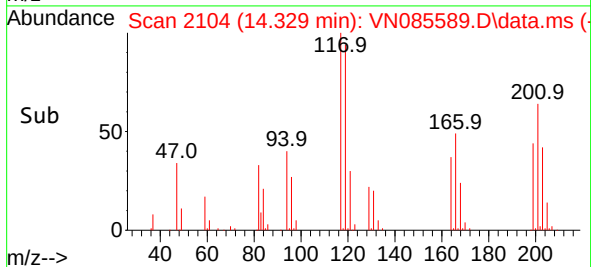
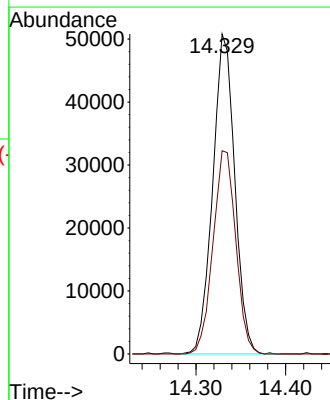
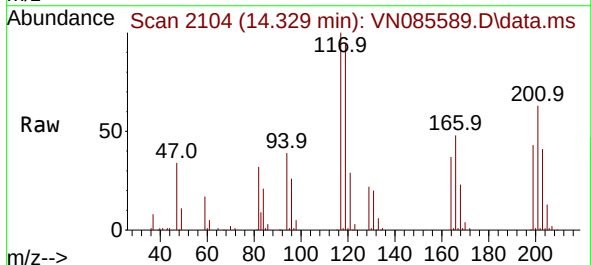
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

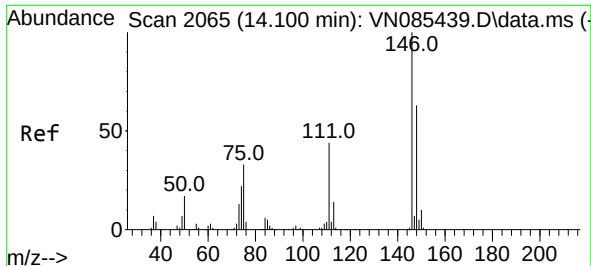
Tgt Ion: 91 Resp: 356860
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 24.8 11.7 35.1



#90
Hexachloroethane
Concen: 47.180 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 117 Resp: 86662
Ion Ratio Lower Upper
117 100
201 65.7 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 47.781 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

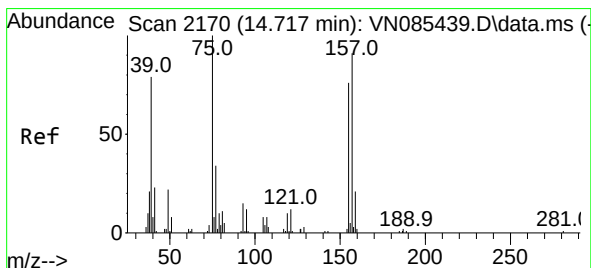
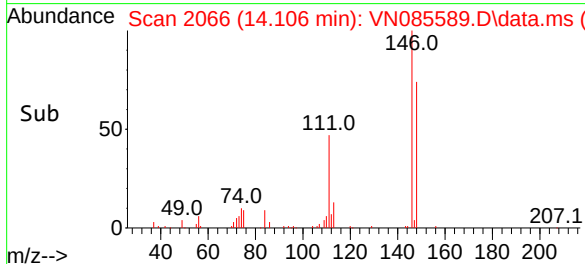
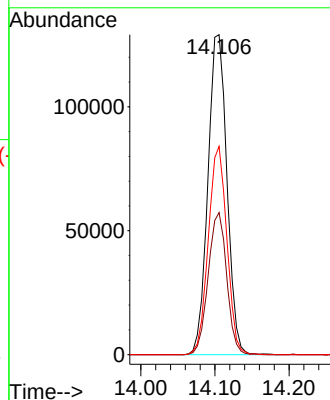
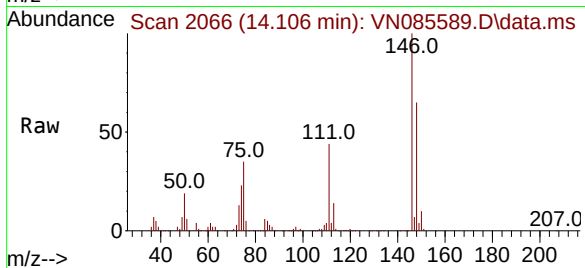
Tgt Ion:146 Resp: 230150

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 63.5 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.352 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

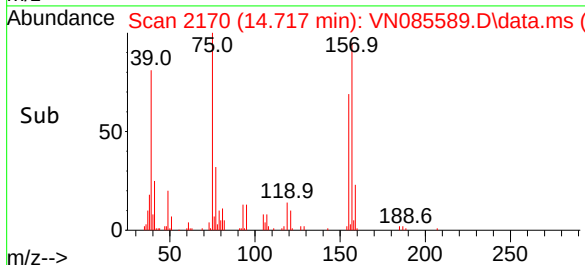
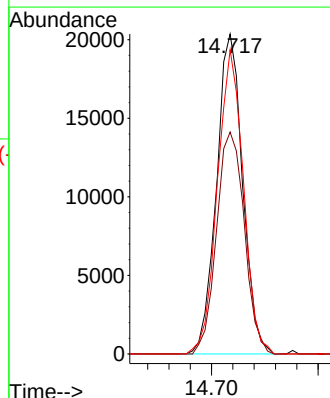
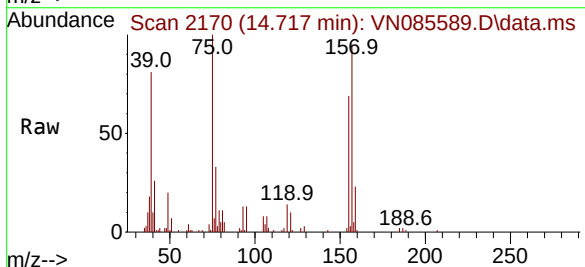
Tgt Ion: 75 Resp: 34539

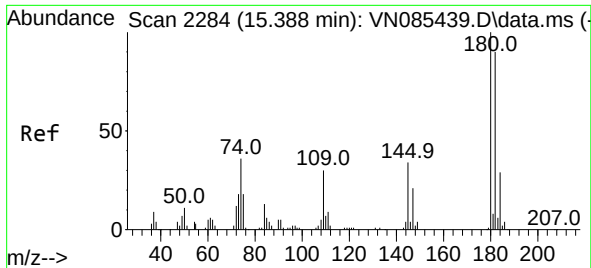
Ion Ratio Lower Upper

75 100

155 74.1 36.4 109.2

157 94.6 45.4 136.1

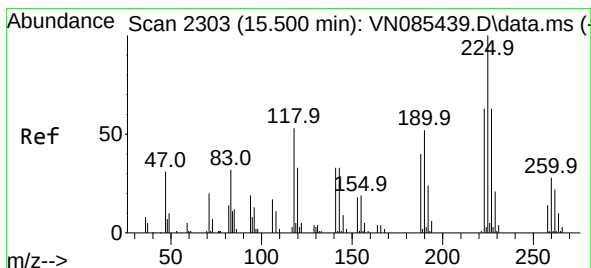
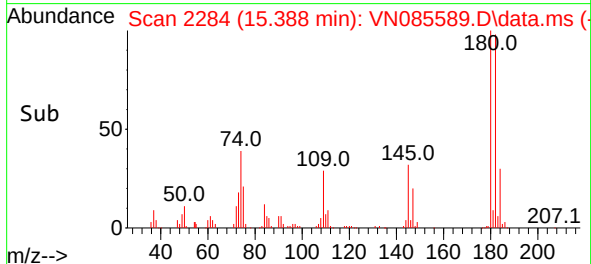
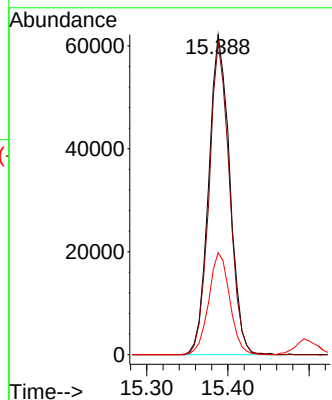
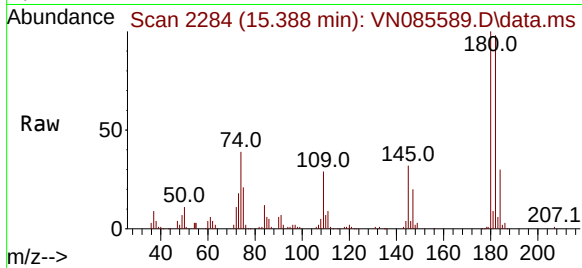




#93
 1,2,4-Trichlorobenzene
 Concen: 49.955 ug/l
 RT: 15.388 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

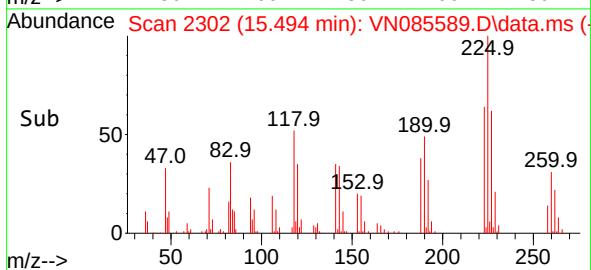
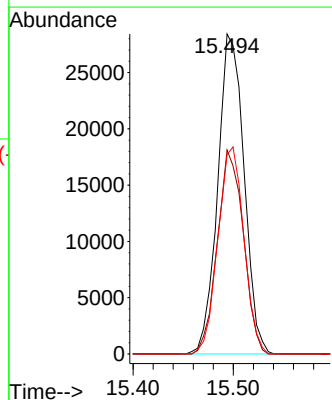
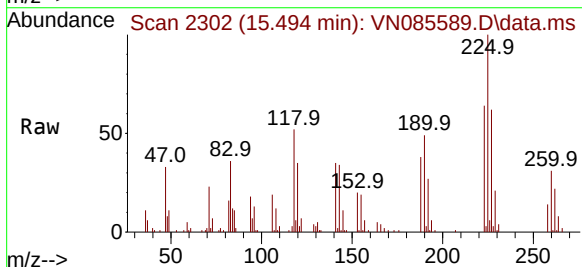
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

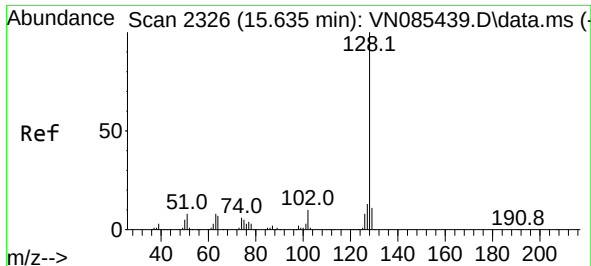
Tgt Ion:180 Resp: 111833
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.8 140.3
 145 32.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 43.524 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion:225 Resp: 51730
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.7 92.1
 227 63.8 30.9 92.5

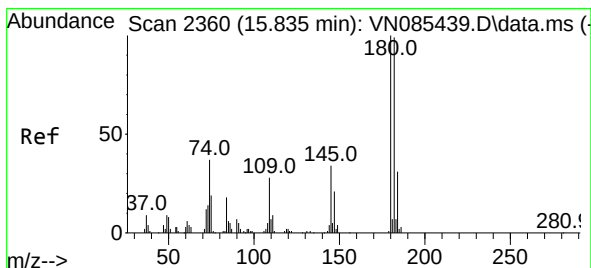
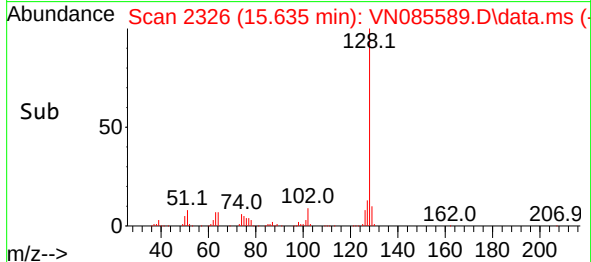
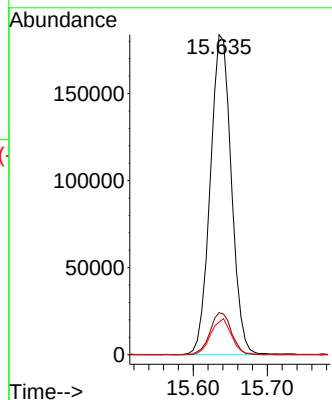
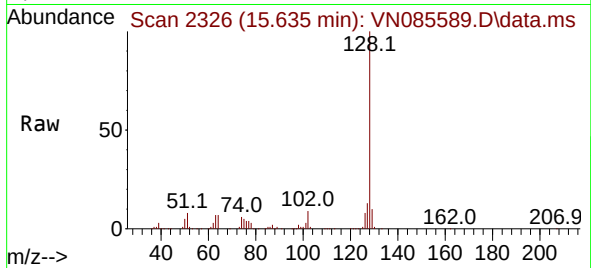




#95
Naphthalene
Concen: 54.350 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 363079
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.527 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:180 Resp: 109924
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.2
145 35.4 16.9 50.7

