

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085465.D
 Acq On : 16 Jan 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:01:28 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	8.224	168	199641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	176373	54.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.165	113	128891	54.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.700%	
50) Toluene-d8	10.565	98	477022	57.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.260%#	
62) 4-Bromofluorobenzene	12.847	95	167696	58.717	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 117.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	135218	50.024	ug/l	98
3) Chloromethane	2.359	50	138365	47.277	ug/l	98
4) Vinyl Chloride	2.512	62	141359	48.053	ug/l	96
5) Bromomethane	2.954	94	83354	46.909	ug/l	100
6) Chloroethane	3.124	64	94821	50.841	ug/l	100
7) Trichlorofluoromethane	3.501	101	216532	50.729	ug/l	99
8) Diethyl Ether	3.959	74	67435	45.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	123916	51.543	ug/l	99
10) Methyl Iodide	4.589	142	141843	51.520	ug/l	97
11) Tert butyl alcohol	5.506	59	93089	252.266	ug/l	100
12) 1,1-Dichloroethene	4.348	96	107679	50.256	ug/l	97
13) Acrolein	4.177	56	163290	324.159	ug/l	100
14) Allyl chloride	5.024	41	167024	48.040	ug/l	99
15) Acrylonitrile	5.712	53	305670	260.789	ug/l	100
16) Acetone	4.418	43	257757	247.544	ug/l	97
17) Carbon Disulfide	4.712	76	306142	46.406	ug/l	99
18) Methyl Acetate	5.018	43	161078	50.873	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	370180	53.208	ug/l	98
20) Methylene Chloride	5.271	84	127429	49.435	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	117249	51.204	ug/l	98
22) Diisopropyl ether	6.665	45	415811	53.883	ug/l	98
23) Vinyl Acetate	6.600	43	1493965	276.633	ug/l	100
24) 1,1-Dichloroethane	6.565	63	239348	50.866	ug/l	99
25) 2-Butanone	7.477	43	395805	258.307	ug/l	100
26) 2,2-Dichloropropane	7.483	77	202496	53.228	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	139435	51.700	ug/l	99
28) Bromochloromethane	7.806	49	111934	51.131	ug/l	99
29) Tetrahydrofuran	7.836	42	267770	275.630	ug/l	99
30) Chloroform	7.959	83	248378	51.073	ug/l	97
31) Cyclohexane	8.253	56	198743	48.594	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	217366	50.955	ug/l	99
36) 1,1-Dichloropropene	8.365	75	167734	50.859	ug/l	99
37) Ethyl Acetate	7.553	43	170946	51.352	ug/l	100
38) Carbon Tetrachloride	8.353	117	191926	50.832	ug/l	98
39) Methylcyclohexane	9.594	83	170717	55.085	ug/l	99
40) Benzene	8.600	78	518597	52.334	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	93303	53.873	ug/l	98
42) 1,2-Dichloroethane	8.665	62	194220	52.039	ug/l	99
43) Isopropyl Acetate	8.683	43	277304	51.988	ug/l	99
44) Trichloroethene	9.347	130	112130	48.611	ug/l	91
45) 1,2-Dichloropropane	9.618	63	133267	52.651	ug/l	98
46) Dibromomethane	9.706	93	93287	51.078	ug/l	99
47) Bromodichloromethane	9.882	83	196530	52.818	ug/l	99
48) Methyl methacrylate	9.677	41	133128	55.460	ug/l	98
49) 1,4-Dioxane	9.688	88	40722	1007.401	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	868635	280.635	ug/l	100
52) Toluene	10.624	92	319722	55.684	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	191792	54.543	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	203202	54.100	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	118849	52.304	ug/l	95
56) Ethyl methacrylate	10.871	69	185312	48.474	ug/l	99
57) 1,3-Dichloropropane	11.159	76	207443	52.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	428511	297.169	ug/l	100
59) 2-Hexanone	11.188	43	626022	287.441	ug/l	100
60) Dibromochloromethane	11.359	129	144841	52.798	ug/l	99
61) 1,2-Dibromoethane	11.465	107	116171	51.361	ug/l	99
64) Tetrachloroethene	11.100	164	105380	50.775	ug/l	98
65) Chlorobenzene	11.888	112	335733	50.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	123970	50.647	ug/l	98
67) Ethyl Benzene	11.959	91	599634	55.203	ug/l	99
68) m/p-Xylenes	12.065	106	461597	114.982	ug/l	100
69) o-Xylene	12.394	106	213833	55.736	ug/l	99
70) Styrene	12.406	104	373173	58.773	ug/l	99
71) Bromoform	12.576	173	92987	53.094	ug/l #	99
73) Isopropylbenzene	12.694	105	552186	53.105	ug/l	100
74) N-amyl acetate	12.488	43	241933	51.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	172681	47.013	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	229999	73.449	ug/l	47
77) Bromobenzene	12.976	156	133783	49.246	ug/l	99
78) n-propylbenzene	13.029	91	676228	54.935	ug/l	100
79) 2-Chlorotoluene	13.123	91	412865	51.824	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	476484	55.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	59768	51.641	ug/l	99
82) 4-Chlorotoluene	13.218	91	412584	52.013	ug/l	99
83) tert-Butylbenzene	13.435	119	387308	53.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	483293	56.458	ug/l	100
85) sec-Butylbenzene	13.612	105	555200	55.539	ug/l	100
86) p-Isopropyltoluene	13.723	119	461811	51.156	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	254498	50.869	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	247321	47.693	ug/l	99
89) n-Butylbenzene	14.053	91	388032	54.107	ug/l	99
90) Hexachloroethane	14.329	117	91177	47.911	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	241778	48.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31679	47.231	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111351	48.009	ug/l	96
94) Hexachlorobutadiene	15.494	225	54999	44.665	ug/l	98
95) Naphthalene	15.635	128	337055	48.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110163	46.941	ug/l	98

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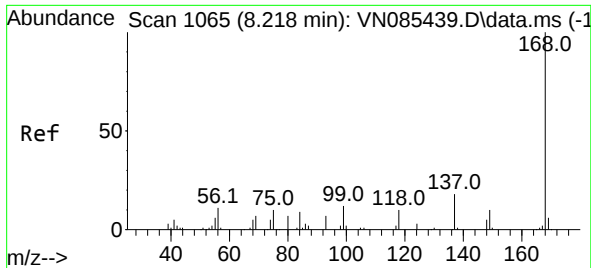
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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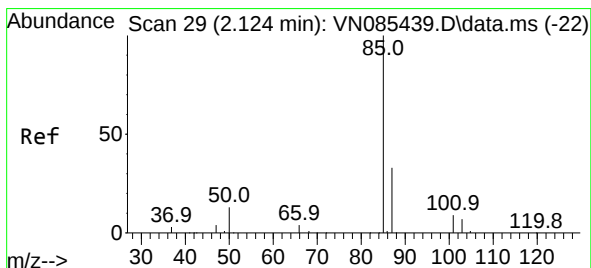
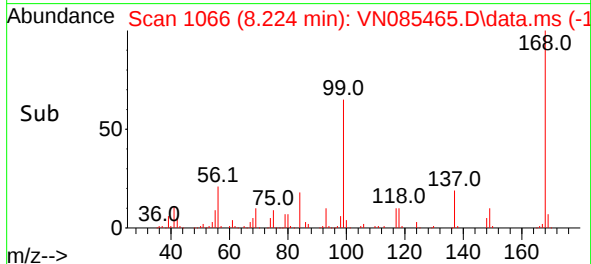
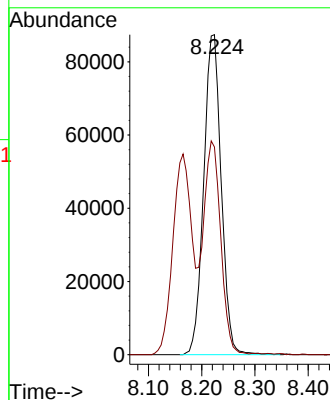
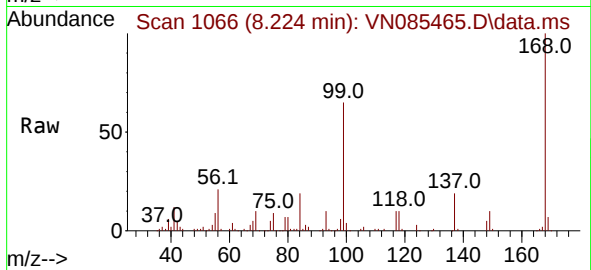




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

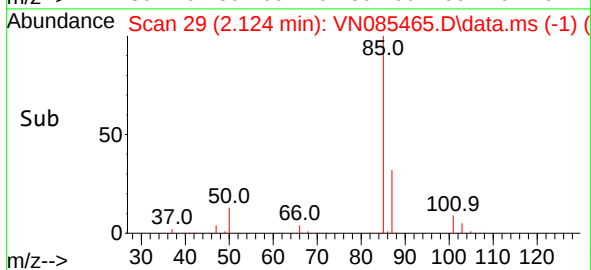
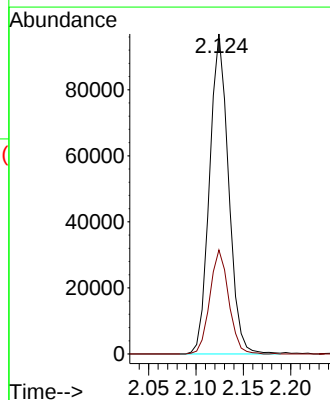
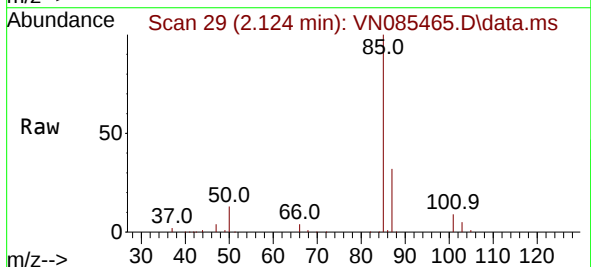
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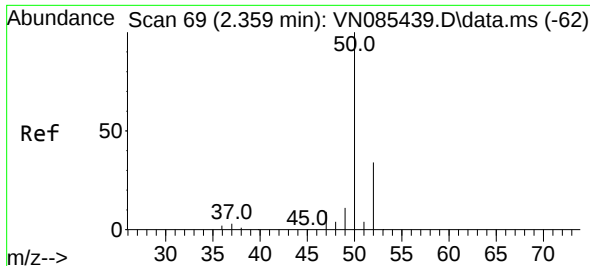
Tgt Ion:168 Resp: 199641
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 50.024 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 85 Resp: 135218
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

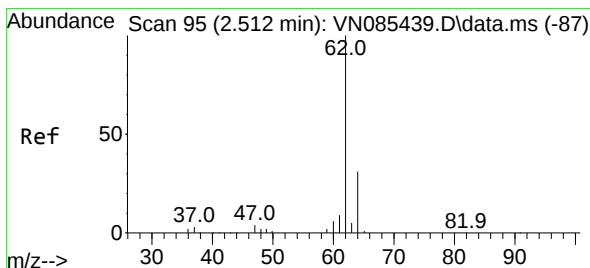
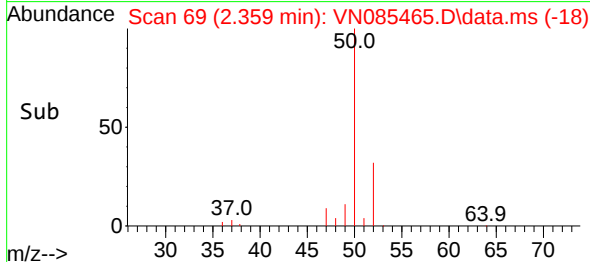
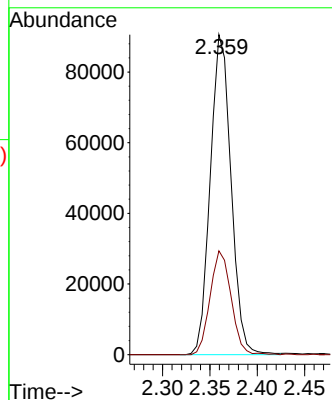
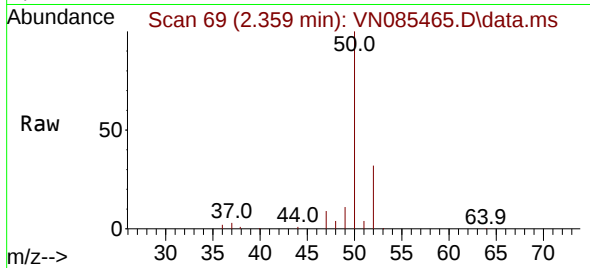




#3
Chloromethane
Concen: 47.277 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

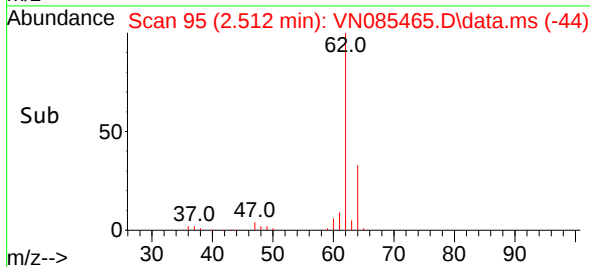
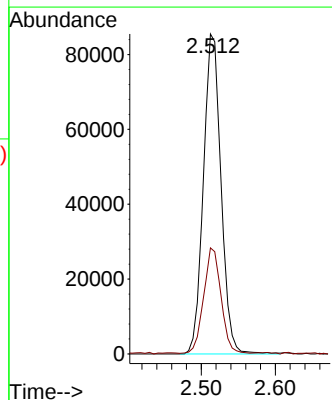
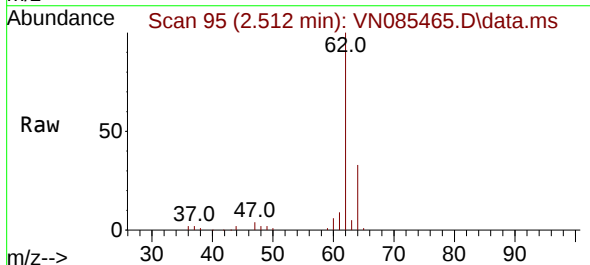
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MSVOA_N
ClientSampleId :

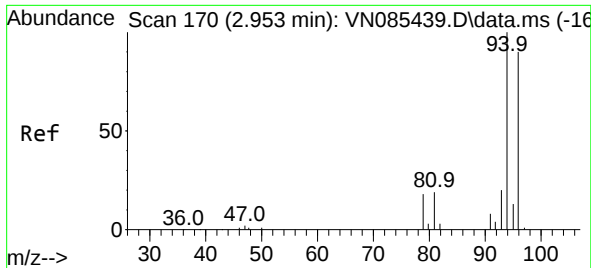
Tgt Ion: 50 Resp: 138365
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6



#4
Vinyl Chloride
Concen: 48.053 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 62 Resp: 141359
Ion Ratio Lower Upper
62 100
64 33.1 24.8 37.2

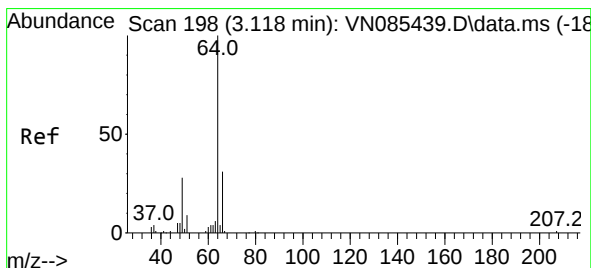
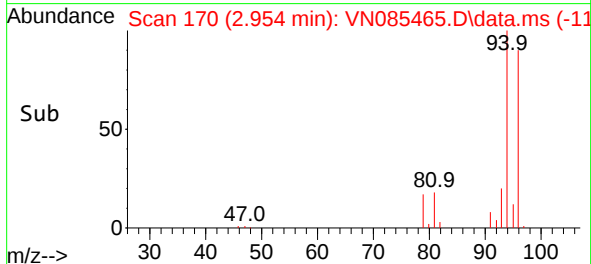
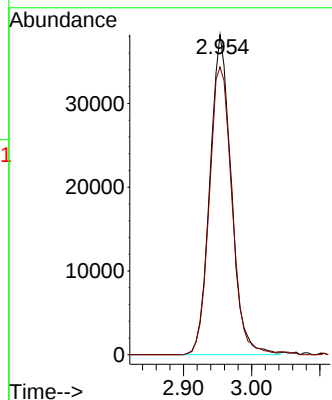
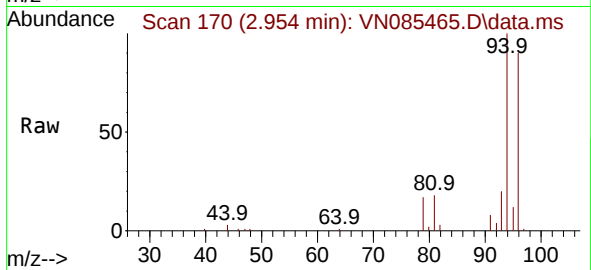




#5
Bromomethane
Concen: 46.909 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

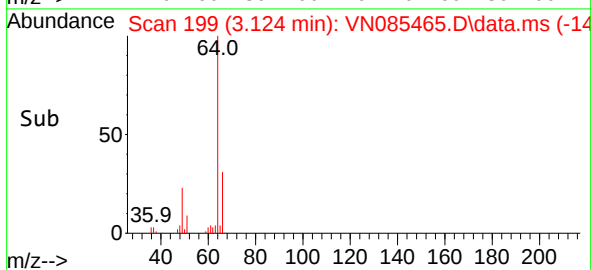
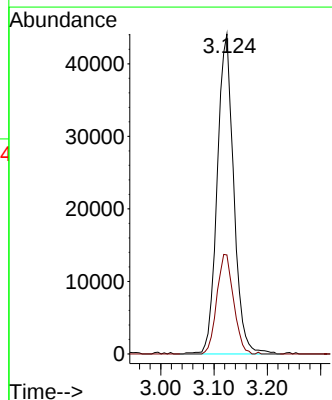
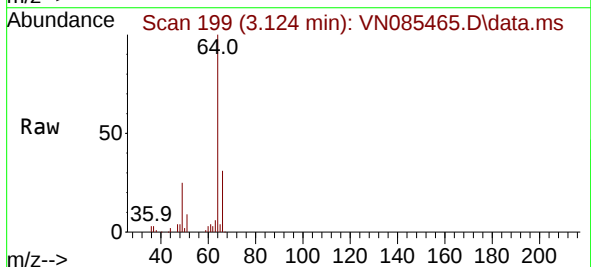
Instrument :
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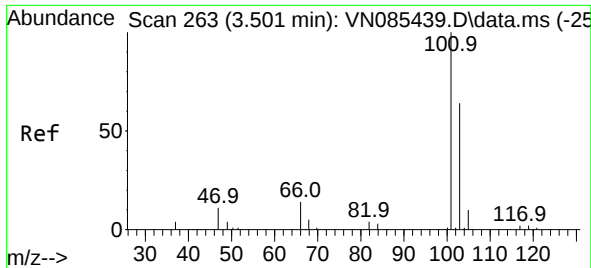
Tgt Ion: 94 Resp: 83354
Ion Ratio Lower Upper
94 100
96 89.9 71.8 107.6



#6
Chloroethane
Concen: 50.841 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 64 Resp: 94821
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8

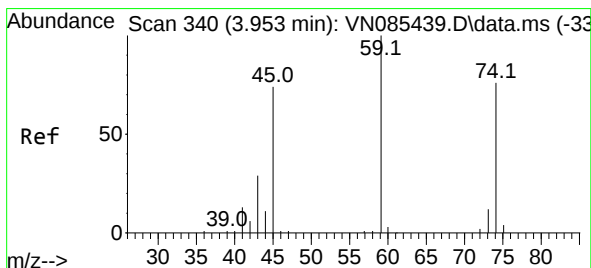
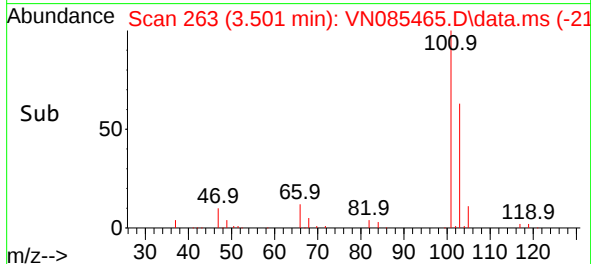
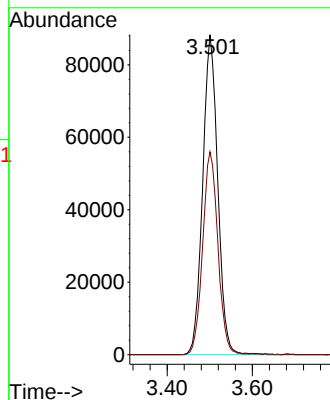
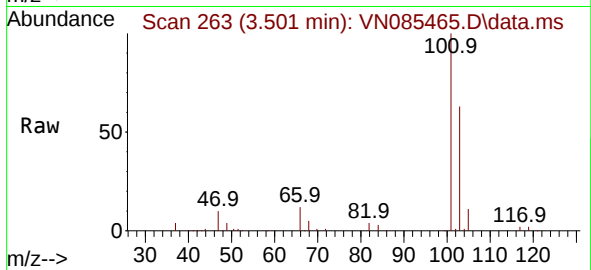




#7
 Trichlorofluoromethane
 Concen: 50.729 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

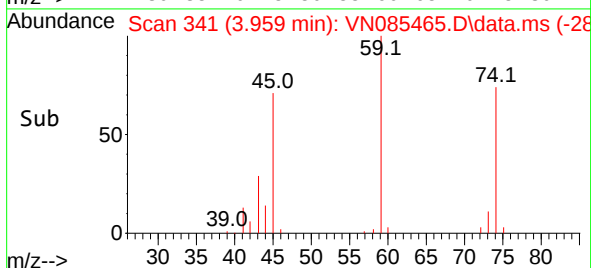
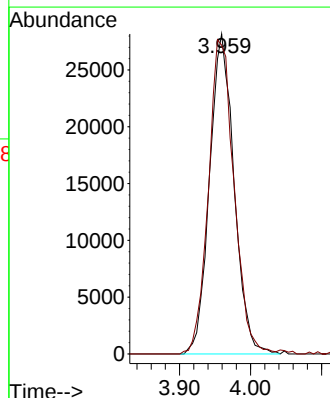
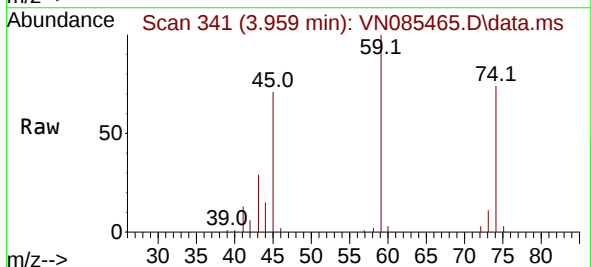
Instrument :
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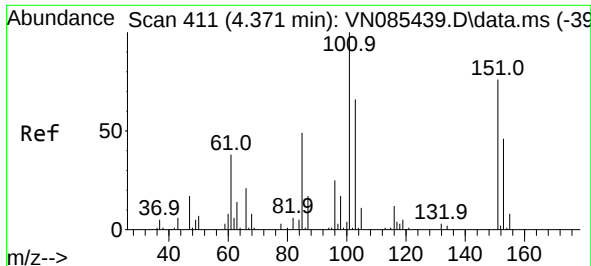
Tgt Ion:101 Resp: 216532
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 45.732 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion: 74 Resp: 67435
 Ion Ratio Lower Upper
 74 100
 45 103.0 49.7 149.1

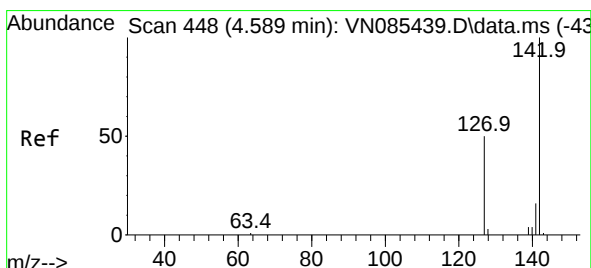
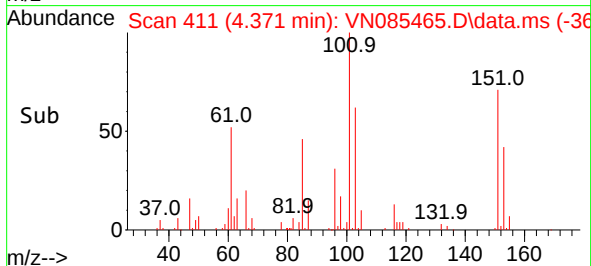
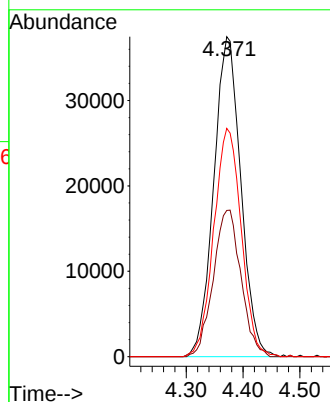
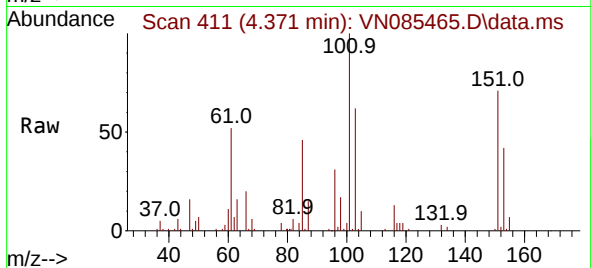




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.543 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

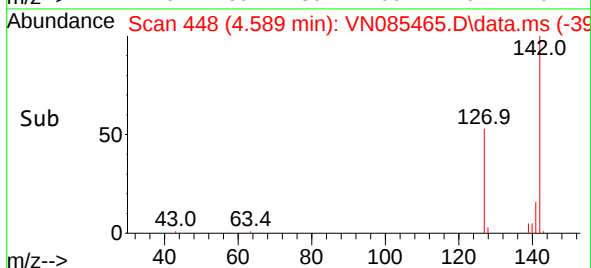
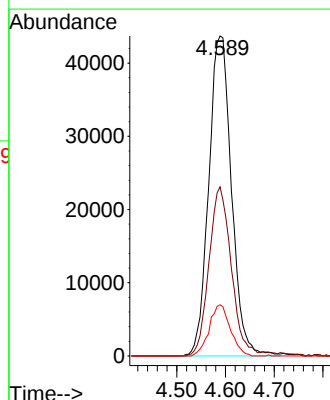
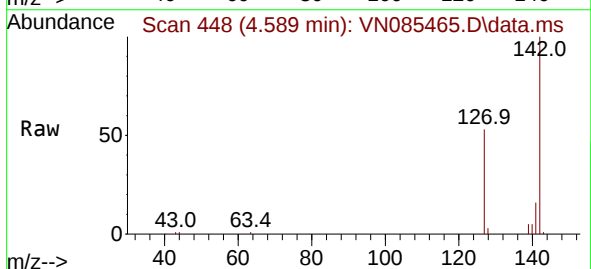
Instrument :
MSVOA_N
ClientSampleId :

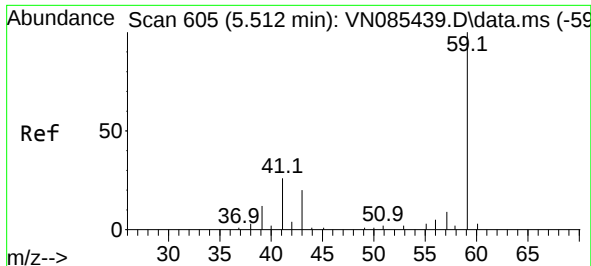
Tgt Ion:101 Resp: 123916
Ion Ratio Lower Upper
101 100
85 46.8 37.8 56.8
151 72.4 58.8 88.2



#10
Methyl Iodide
Concen: 51.520 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:142 Resp: 141843
Ion Ratio Lower Upper
142 100
127 52.8 40.3 60.5
141 16.0 12.8 19.2

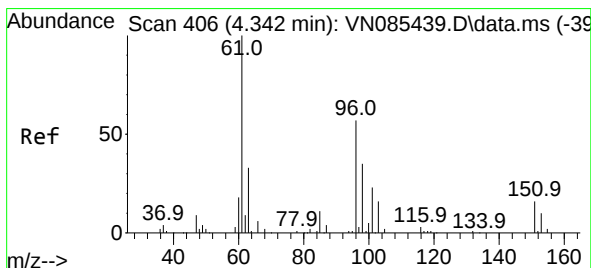
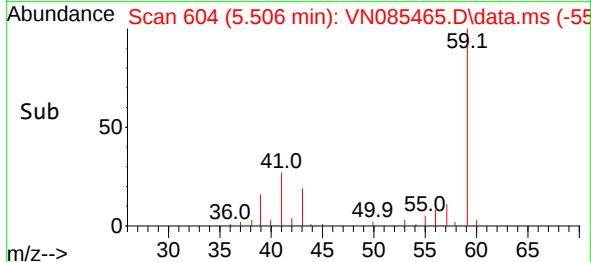
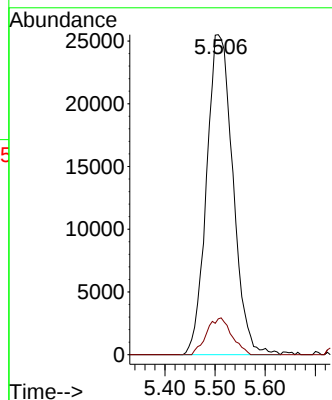
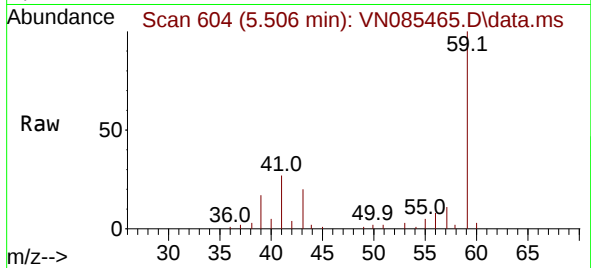




#11
Tert butyl alcohol
Concen: 252.266 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

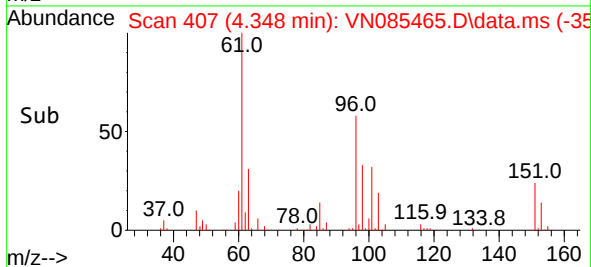
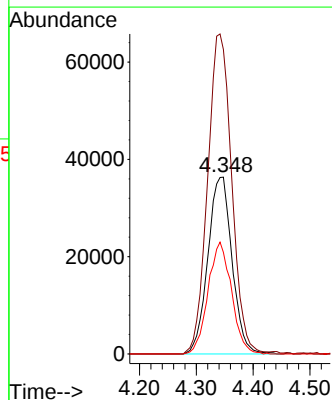
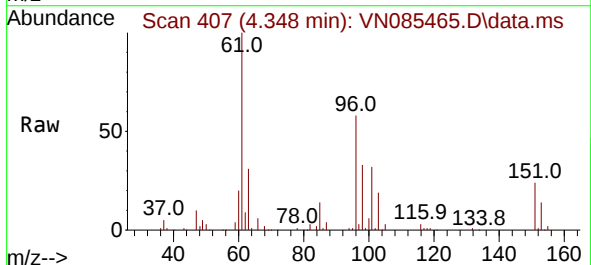
Instrument :
MSVOA_N
ClientSampleId :

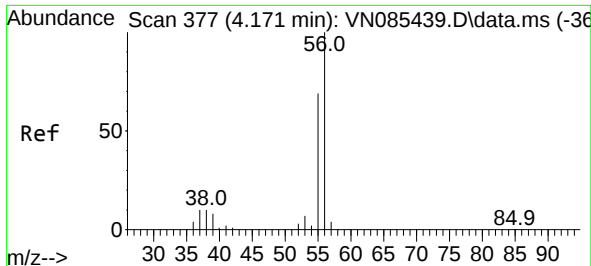
Tgt Ion: 59 Resp: 93089
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.256 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 96 Resp: 107679
Ion Ratio Lower Upper
96 100
61 172.3 141.0 211.4
98 57.5 49.0 73.6





#13

Acrolein

Concen: 324.159 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

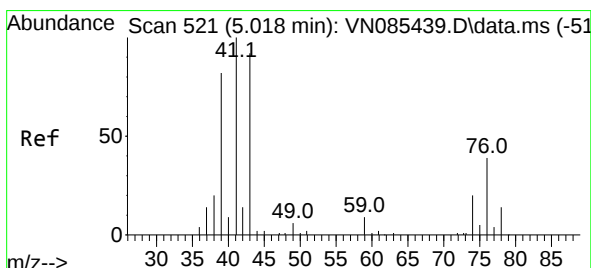
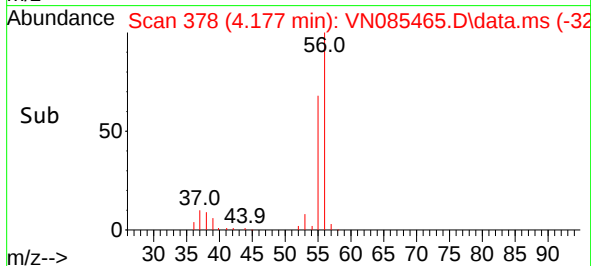
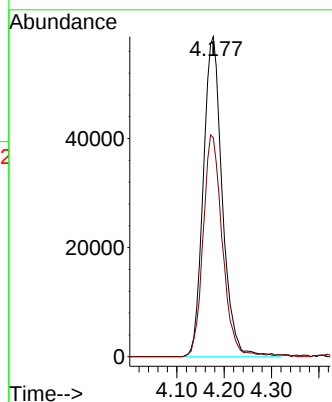
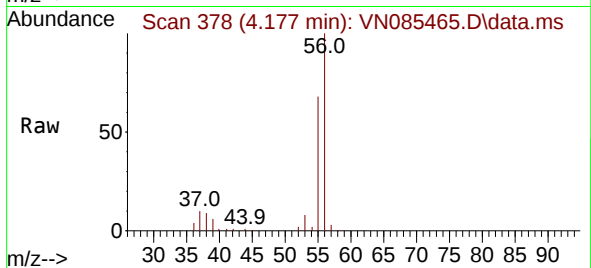
ClientSampleId :

Tgt Ion: 56 Resp: 163290

Ion Ratio Lower Upper

56 100

55 70.1 56.3 84.5



#14

Allyl chloride

Concen: 48.040 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

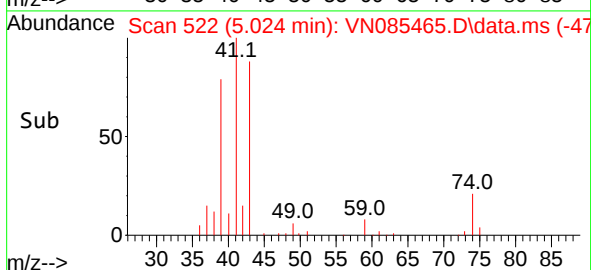
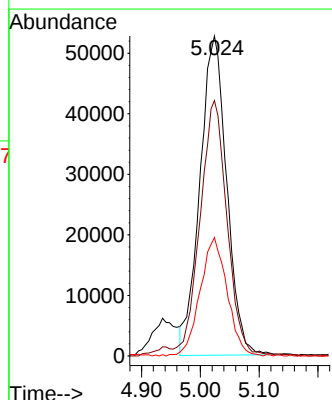
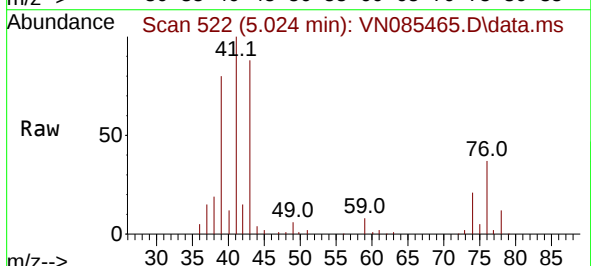
Tgt Ion: 41 Resp: 167024

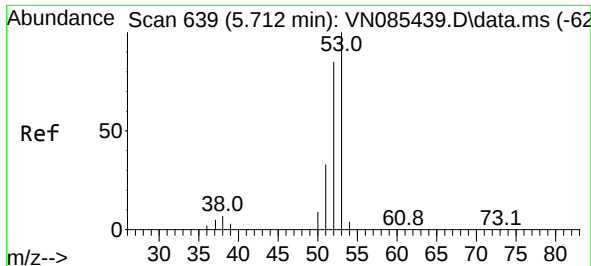
Ion Ratio Lower Upper

41 100

39 79.6 64.4 96.6

76 37.4 30.5 45.7

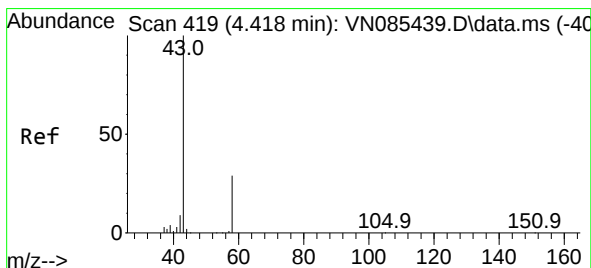
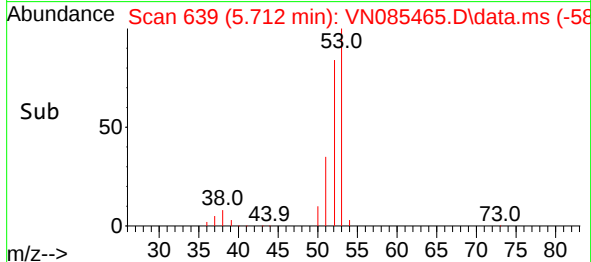
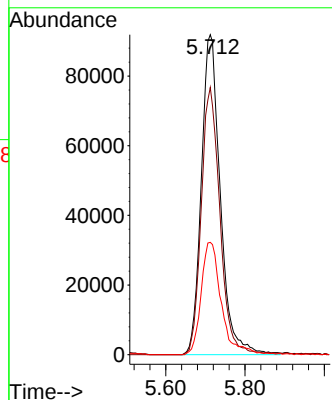
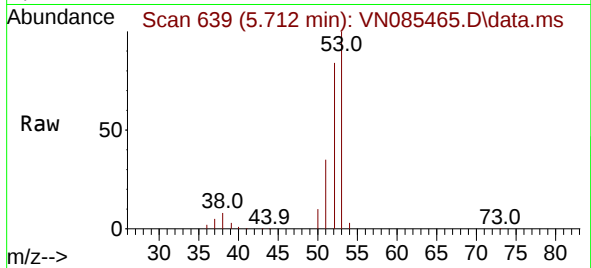




#15
Acrylonitrile
Concen: 260.789 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

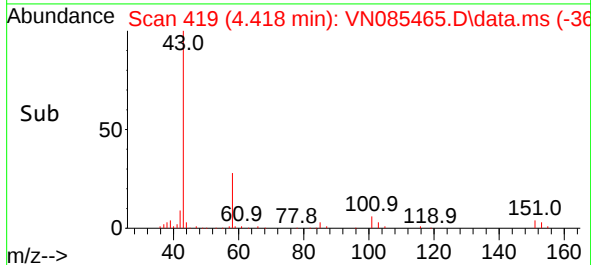
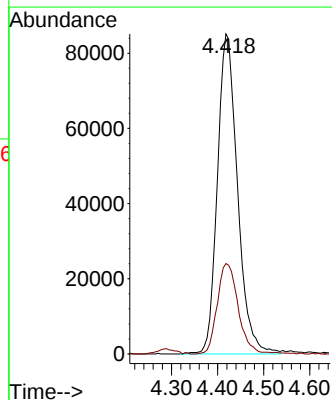
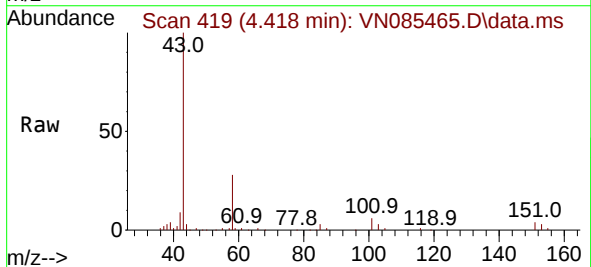
Instrument :
MSVOA_N
ClientSampleId :

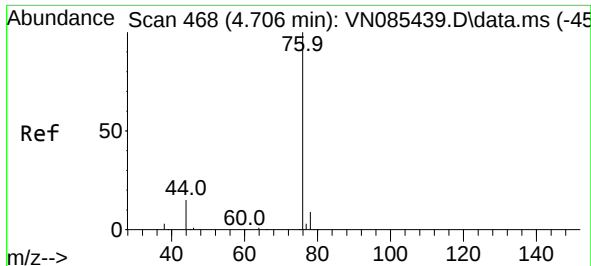
Tgt Ion: 53 Resp: 305670
Ion Ratio Lower Upper
53 100
52 82.1 65.5 98.3
51 37.4 29.8 44.8



#16
Acetone
Concen: 247.544 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 43 Resp: 257757
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6

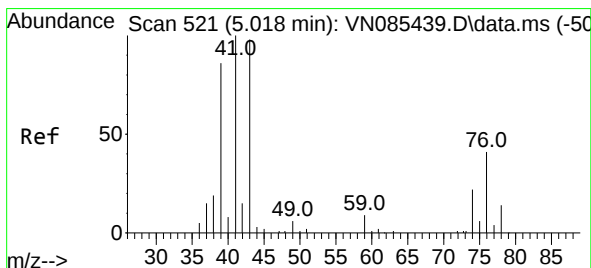
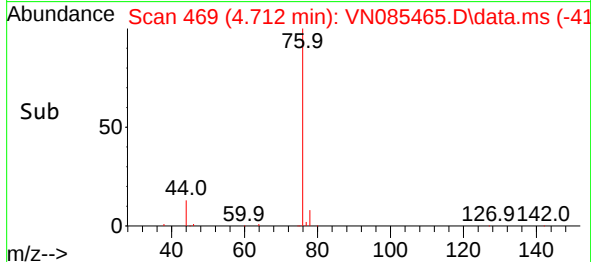
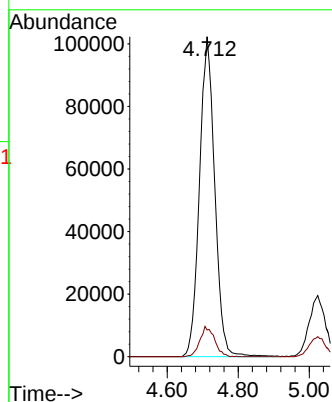
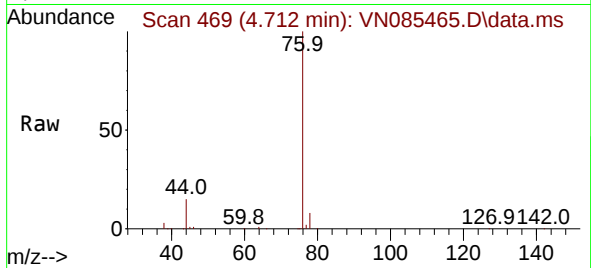




#17
Carbon Disulfide
Concen: 46.406 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

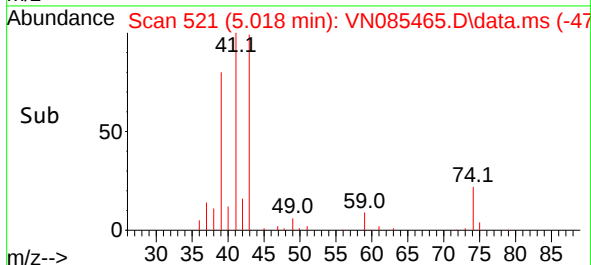
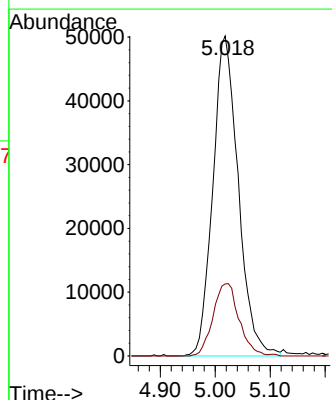
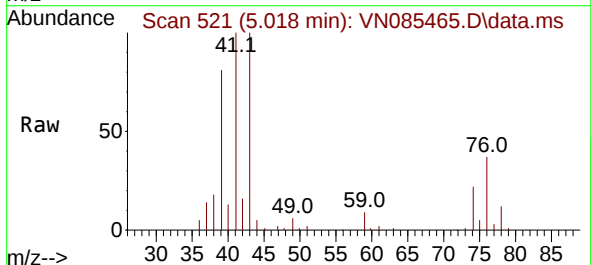
Instrument :
MSVOA_N
ClientSampleId :

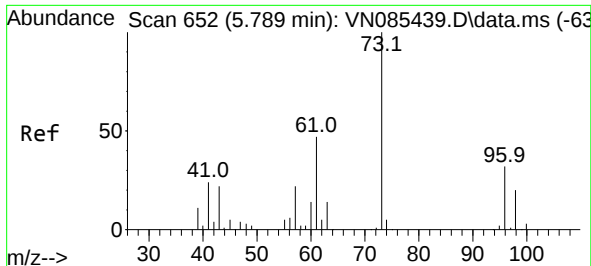
Tgt Ion: 76 Resp: 306142
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#18
Methyl Acetate
Concen: 50.873 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 43 Resp: 161078
Ion Ratio Lower Upper
43 100
74 23.0 18.6 28.0

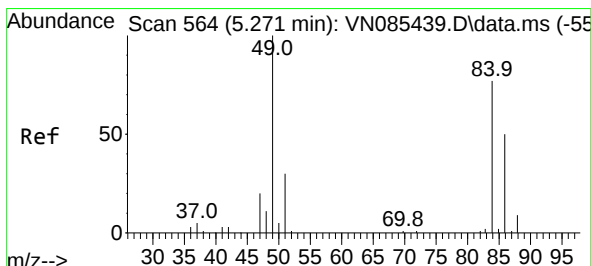
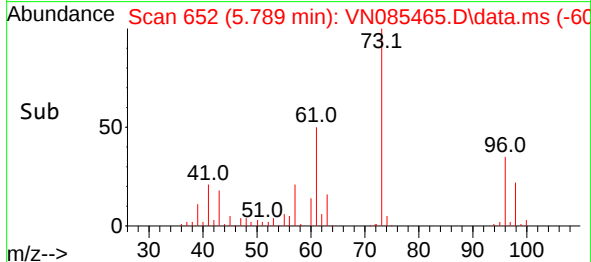
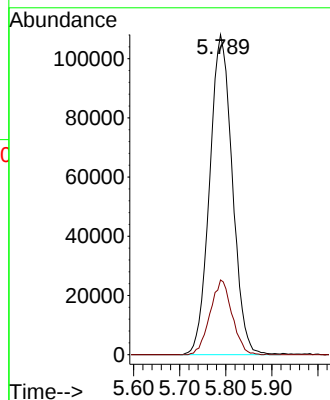
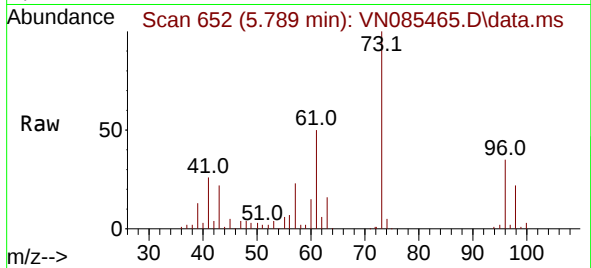




#19
Methyl tert-butyl Ether
Concen: 53.208 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

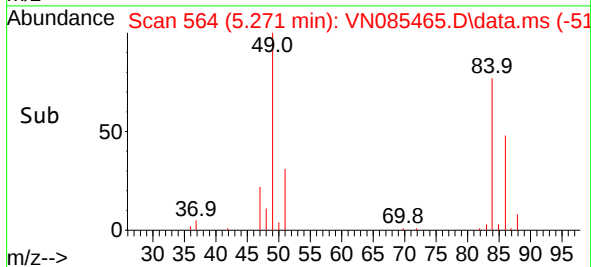
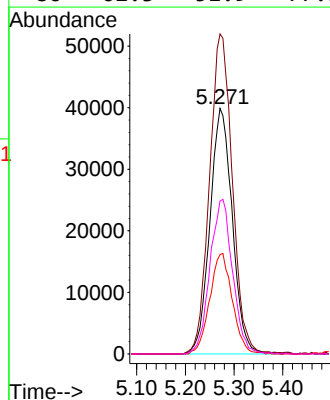
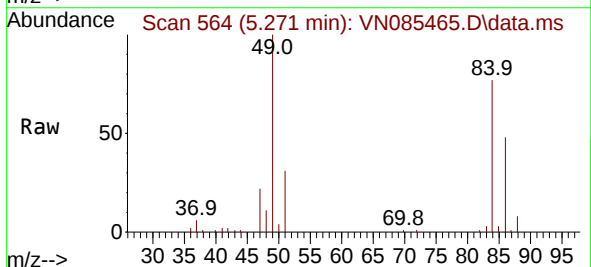
Instrument :
MSVOA_N
ClientSampleId :

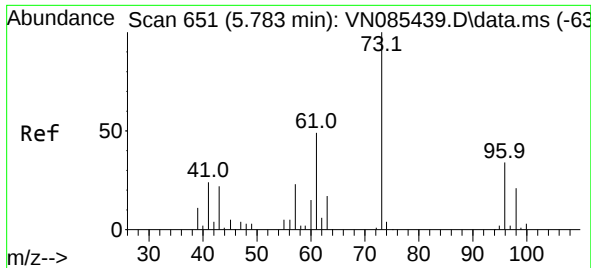
Tgt Ion: 73 Resp: 370180
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.8



#20
Methylene Chloride
Concen: 49.435 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

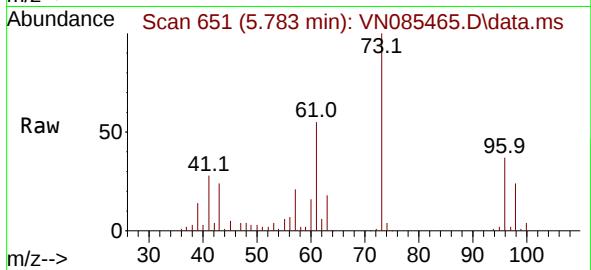
Tgt Ion: 84 Resp: 127429
Ion Ratio Lower Upper
84 100
49 130.3 104.1 156.1
51 40.5 31.0 46.4
86 62.3 51.9 77.9



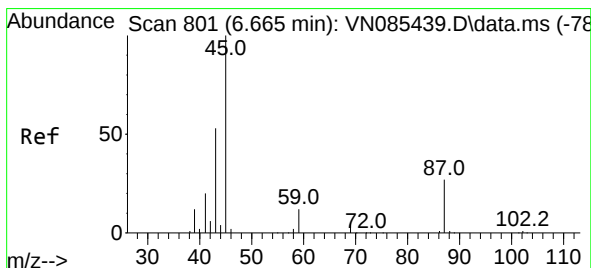
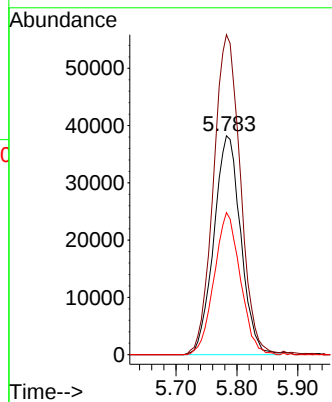
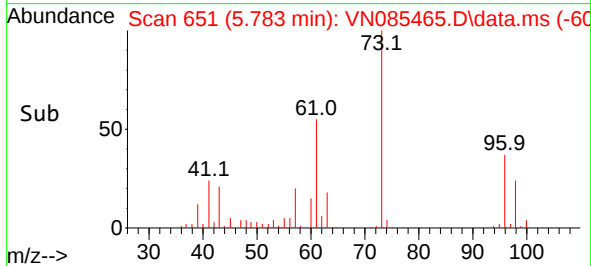


#21
trans-1,2-Dichloroethene
Concen: 51.204 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

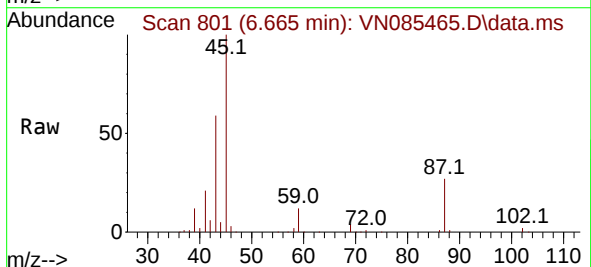
Instrument :
MSVOA_N
ClientSampleId :



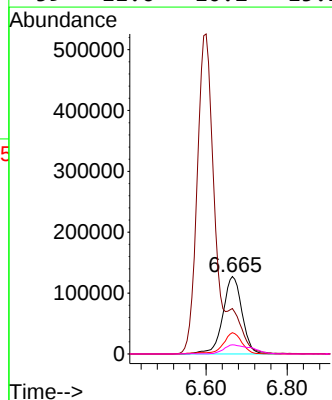
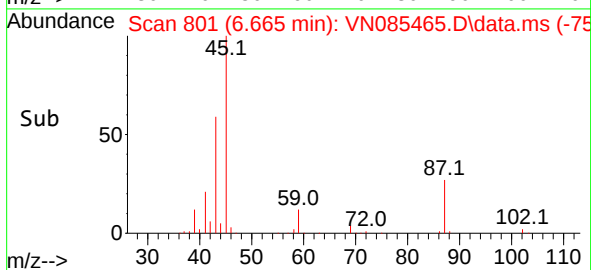
Tgt Ion: 96 Resp: 117249
Ion Ratio Lower Upper
96 100
61 146.2 115.7 173.5
98 64.9 49.8 74.8

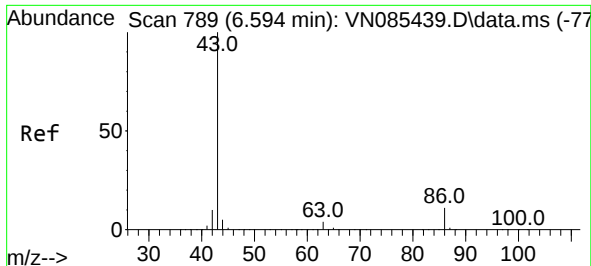


#22
Diisopropyl ether
Concen: 53.883 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30



Tgt Ion: 45 Resp: 415811
Ion Ratio Lower Upper
45 100
43 57.8 45.0 67.6
87 27.3 21.8 32.8
59 11.6 10.2 15.2

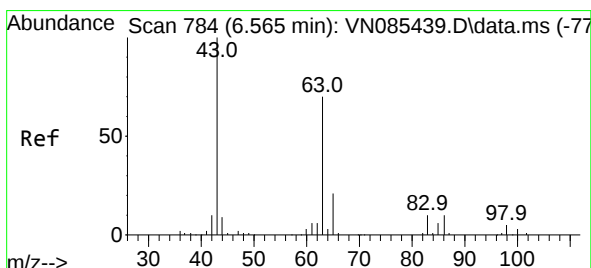
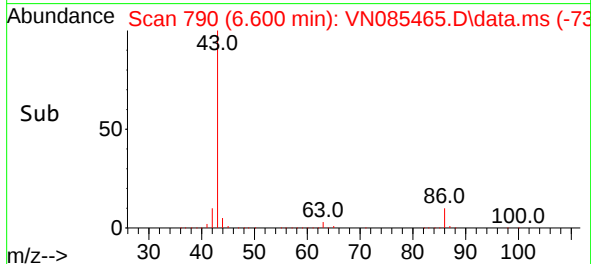
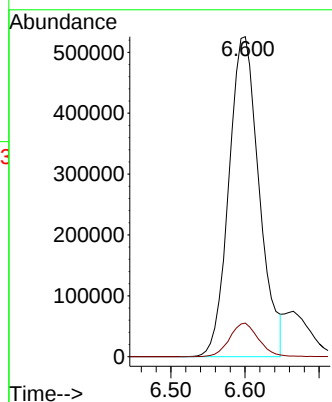
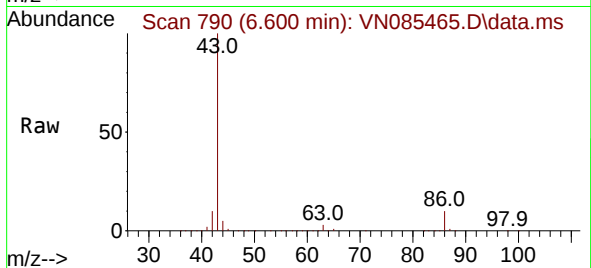




#23
 Vinyl Acetate
 Concen: 276.633 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

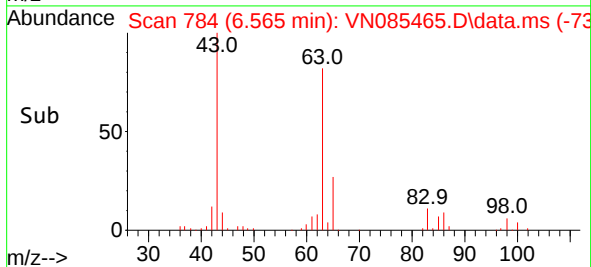
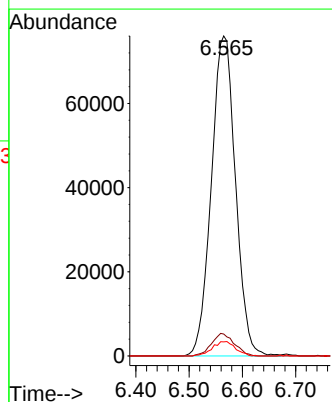
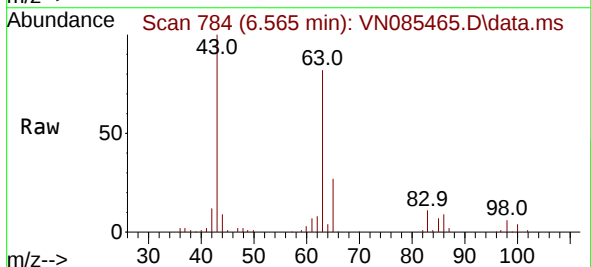
Instrument :
 MSVOA_N
 ClientSampleId :

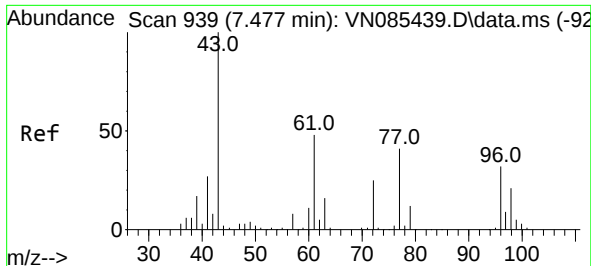
Tgt Ion: 43 Resp: 1493965
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 50.866 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion: 63 Resp: 239348
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.0 6.0

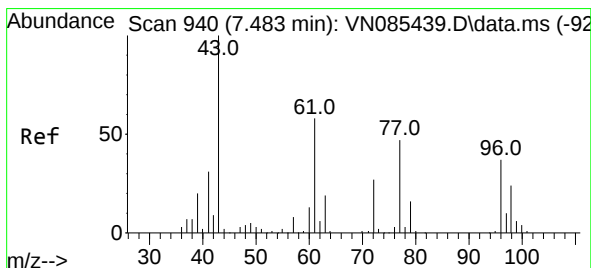
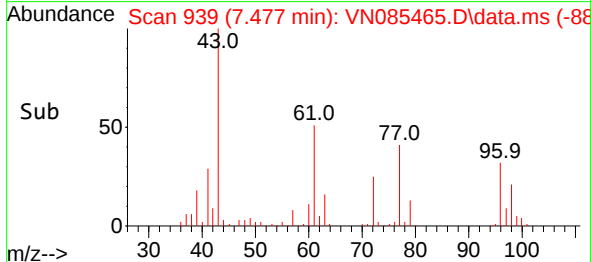
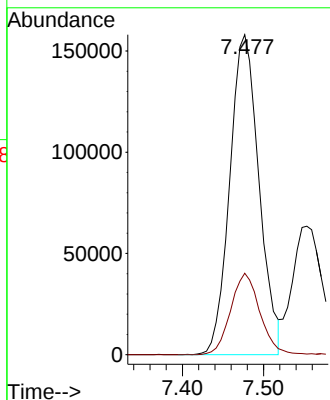
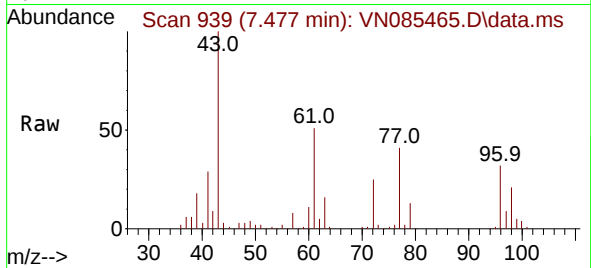




#25
2-Butanone
Concen: 258.307 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

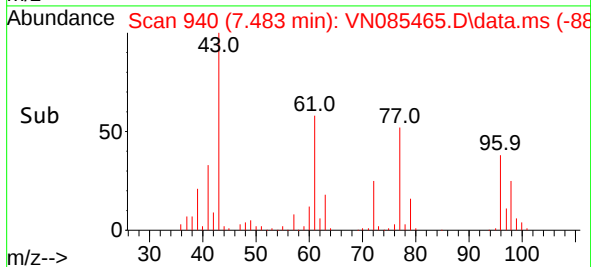
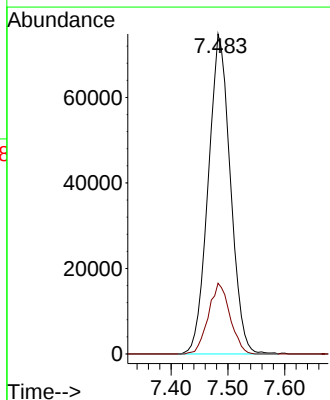
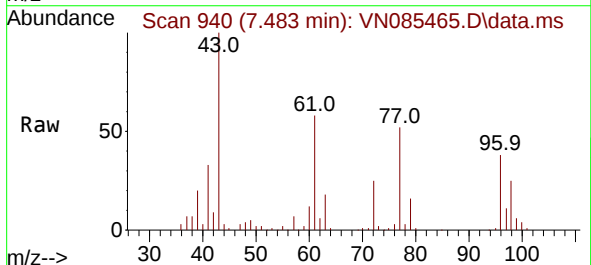
Instrument :
MSVOA_N
ClientSampleId :

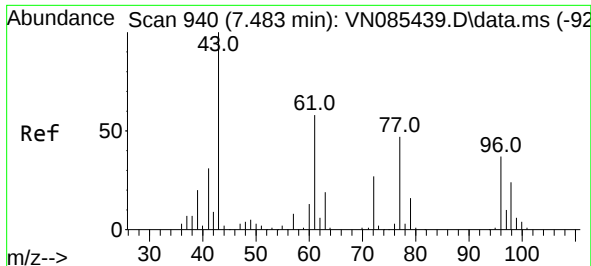
Tgt Ion: 43 Resp: 395805
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 53.228 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 77 Resp: 202496
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1

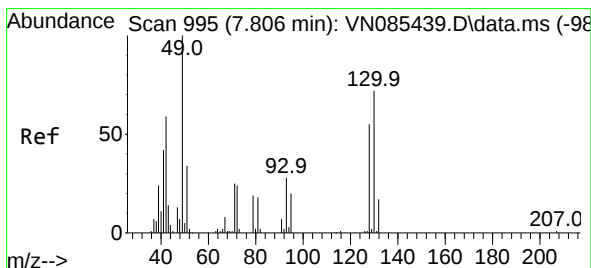
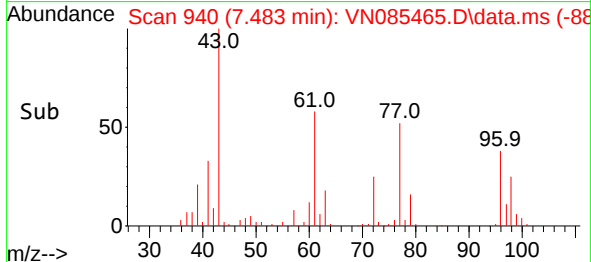
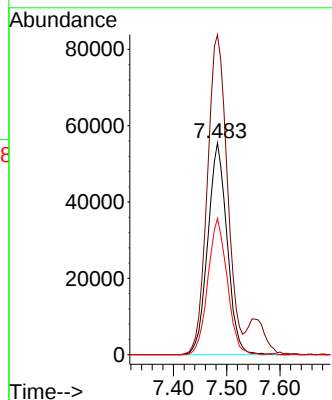
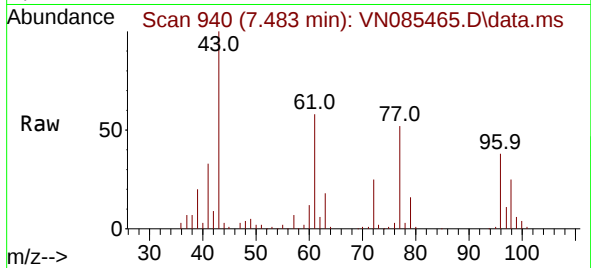




#27
 cis-1,2-Dichloroethene
 Concen: 51.700 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

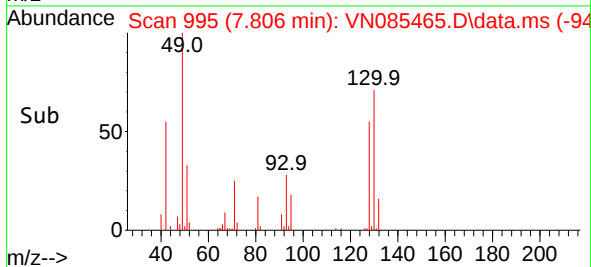
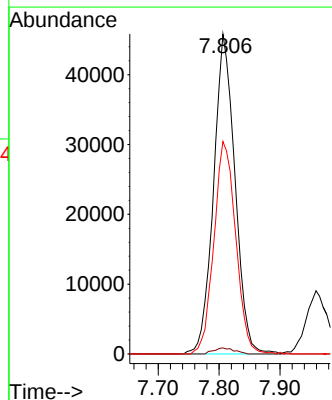
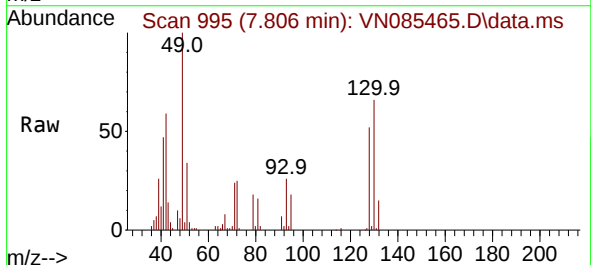
Instrument :
 MSVOA_N
 ClientSampleId :

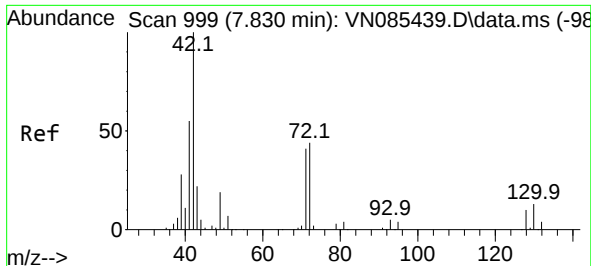
Tgt Ion: 96 Resp: 139435
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 311.8
 98 64.4 0.0 126.0



#28
 Bromochloromethane
 Concen: 51.131 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion: 49 Resp: 111934
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 67.6 55.0 82.4





#29

Tetrahydrofuran

Concen: 275.630 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

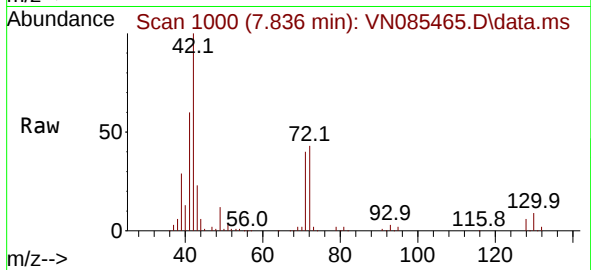
Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :



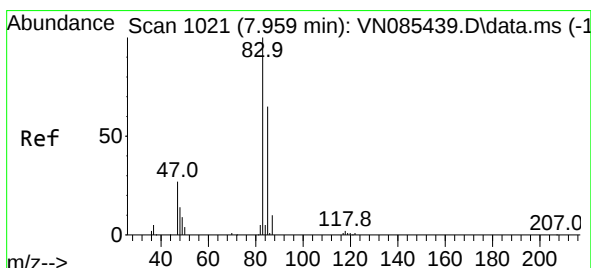
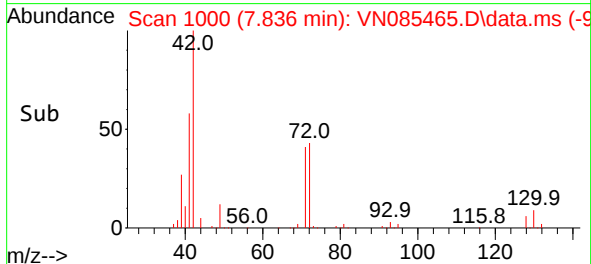
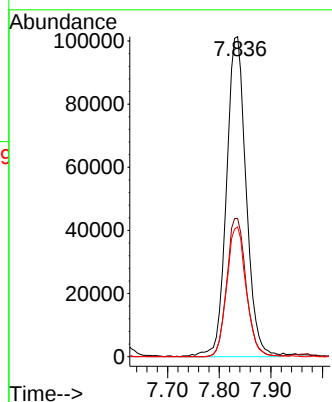
Tgt Ion: 42 Resp: 267770

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.2

71 40.0 32.5 48.7



#30

Chloroform

Concen: 51.073 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085465.D

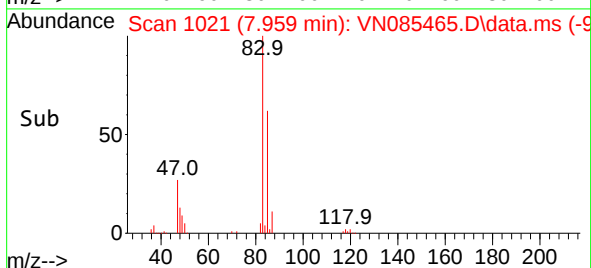
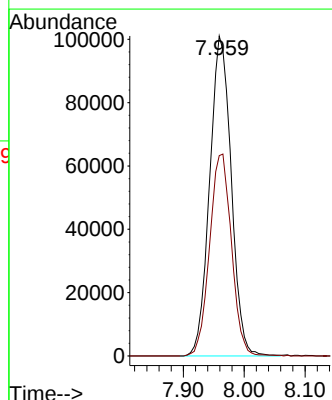
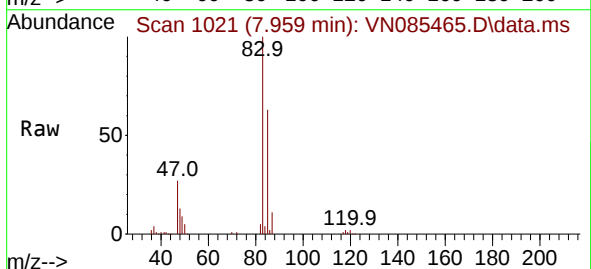
Acq: 16 Jan 2025 12:30

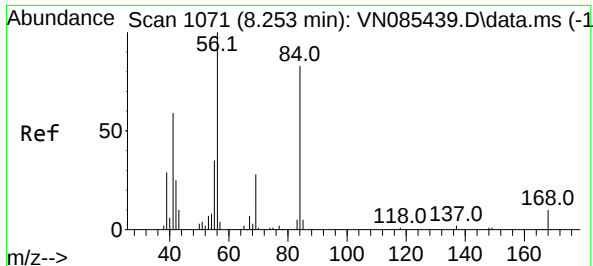
Tgt Ion: 83 Resp: 248378

Ion Ratio Lower Upper

83 100

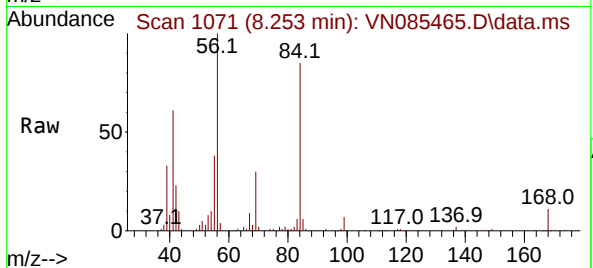
85 62.6 51.8 77.6



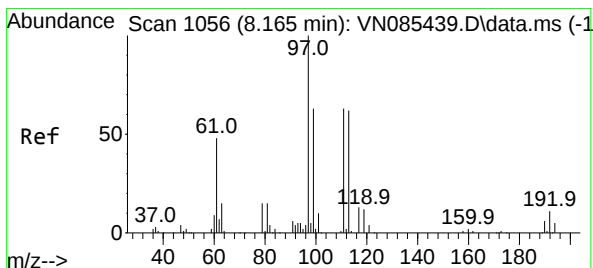
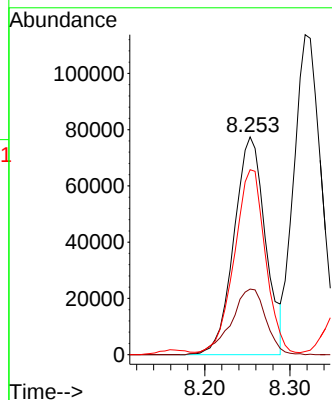
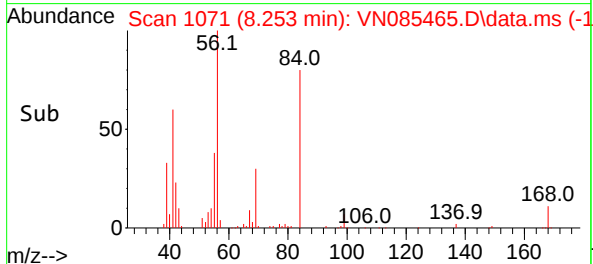


#31
Cyclohexane
Concen: 48.594 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

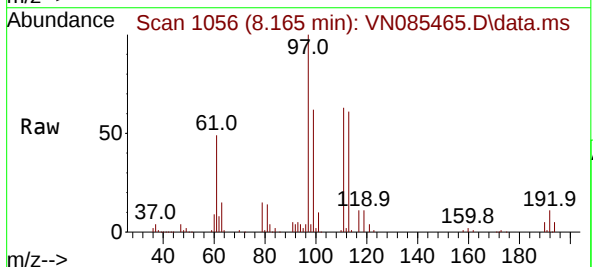
Instrument :
MSVOA_N
ClientSampleId :



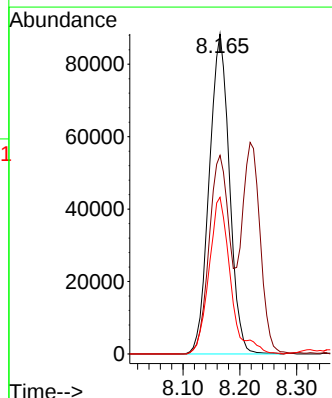
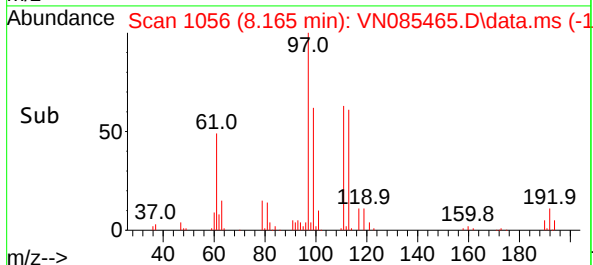
Tgt Ion: 56 Resp: 198743
Ion Ratio Lower Upper
56 100
69 30.1 22.2 33.4
84 83.1 66.4 99.6

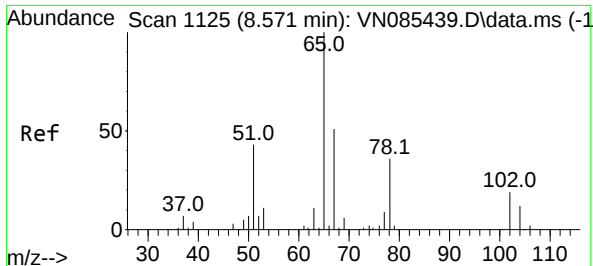


#32
1,1,1-Trichloroethane
Concen: 50.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30



Tgt Ion: 97 Resp: 217366
Ion Ratio Lower Upper
97 100
99 61.4 49.8 74.6
61 52.1 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 54.730 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

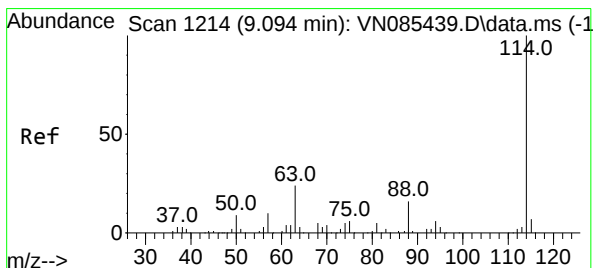
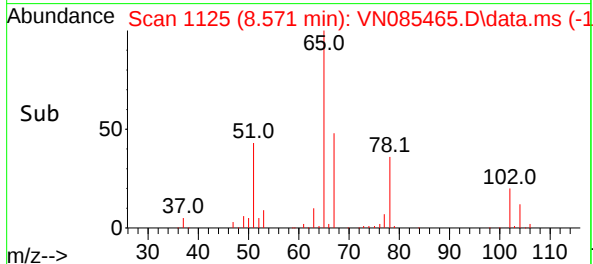
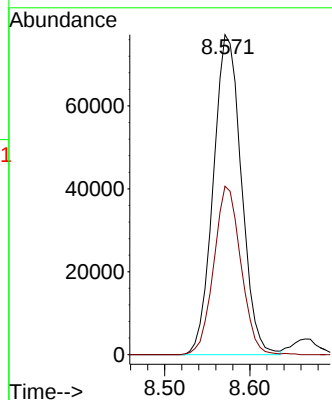
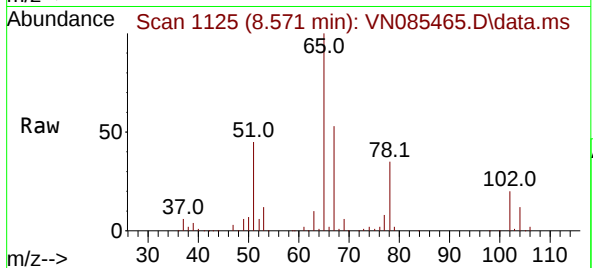
ClientSampleId :

Tgt Ion: 65 Resp: 176373

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

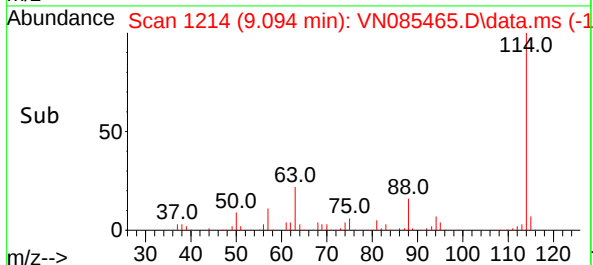
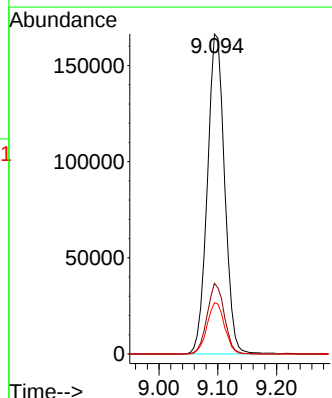
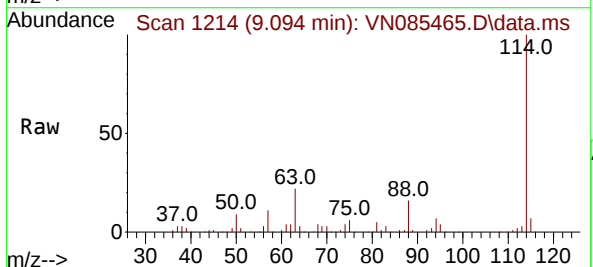
Tgt Ion: 114 Resp: 338720

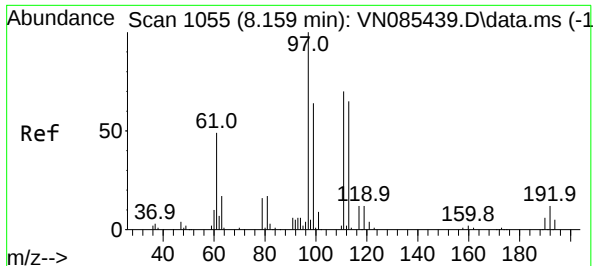
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.850 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

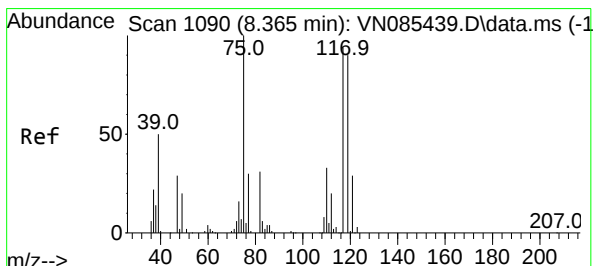
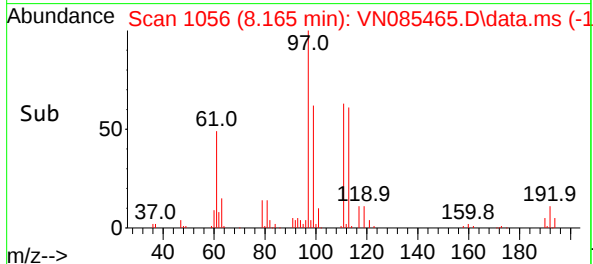
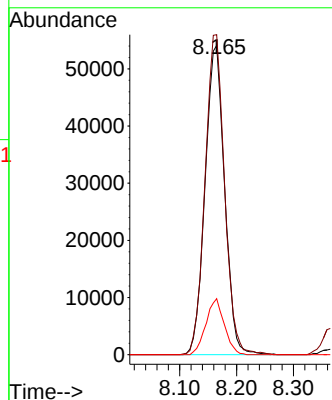
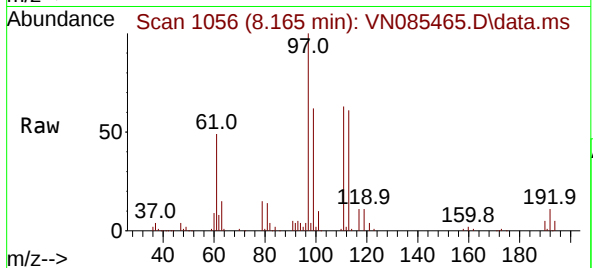
Tgt Ion:113 Resp: 128891

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

192 17.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 50.859 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

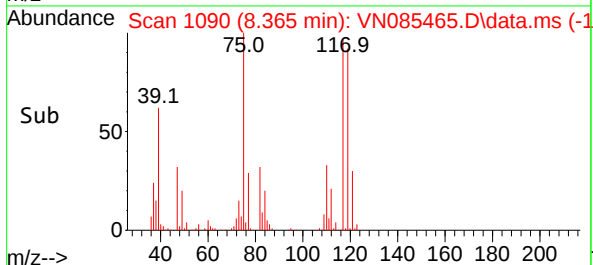
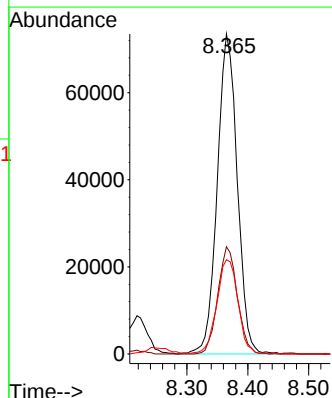
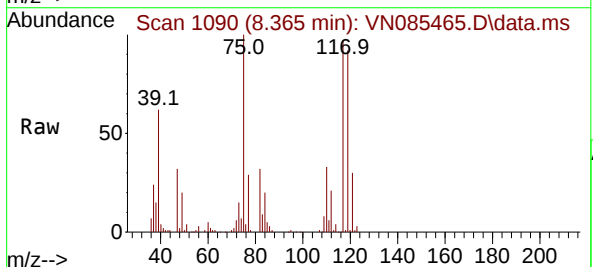
Tgt Ion: 75 Resp: 167734

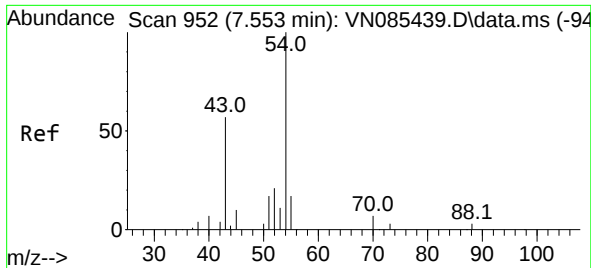
Ion Ratio Lower Upper

75 100

110 32.7 16.5 49.5

77 31.1 24.4 36.6

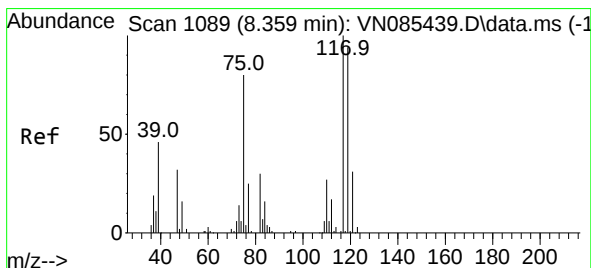
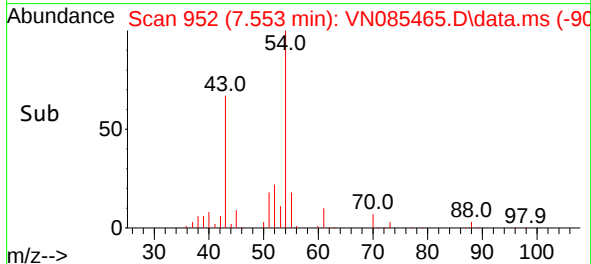
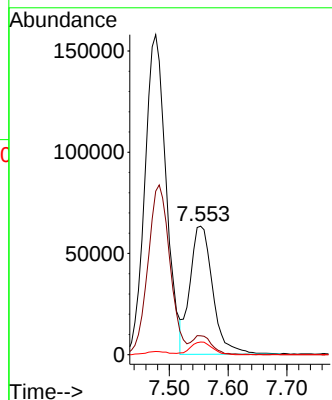
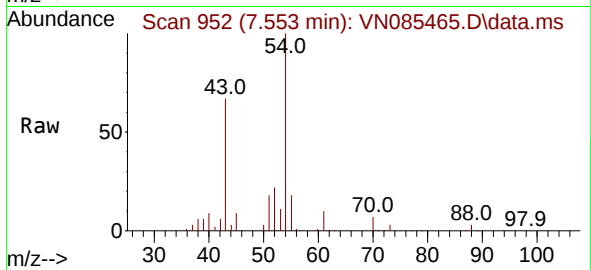




#37
Ethyl Acetate
Concen: 51.352 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

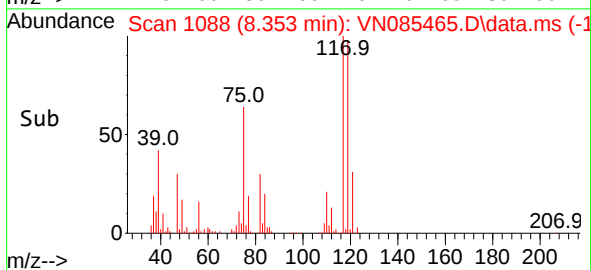
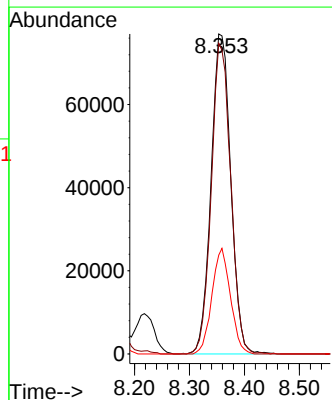
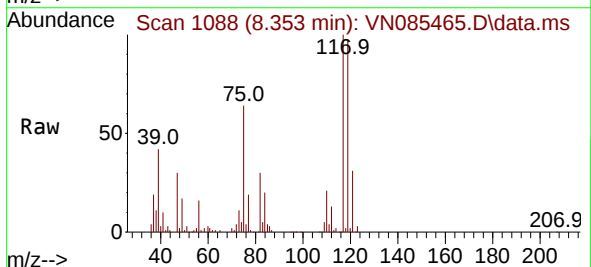
Instrument :
MSVOA_N
ClientSampleId :

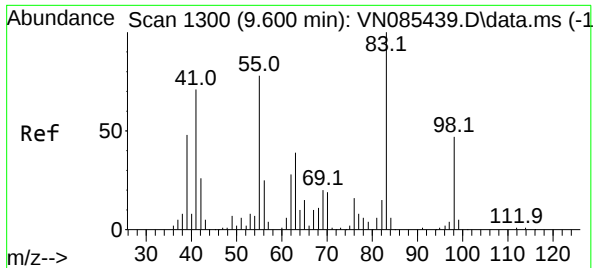
Tgt Ion: 43 Resp: 170946
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 50.832 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 117 Resp: 191926
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 55.085 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

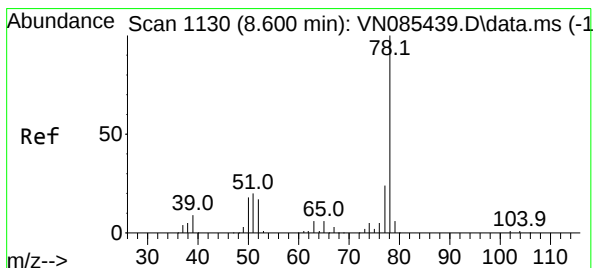
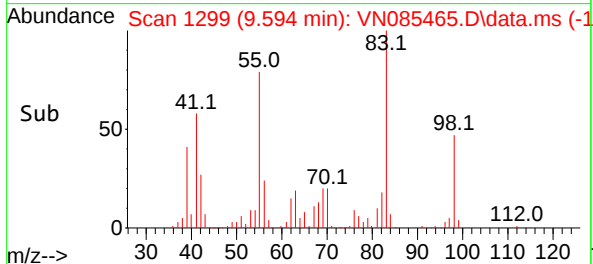
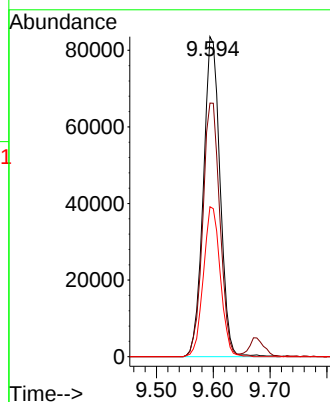
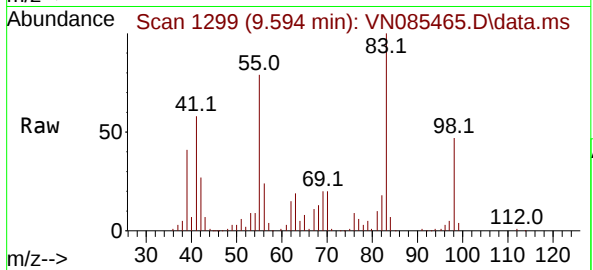
Tgt Ion: 83 Resp: 170717

Ion Ratio Lower Upper

83 100

55 79.2 62.6 94.0

98 46.9 37.7 56.5



#40

Benzene

Concen: 52.334 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085465.D

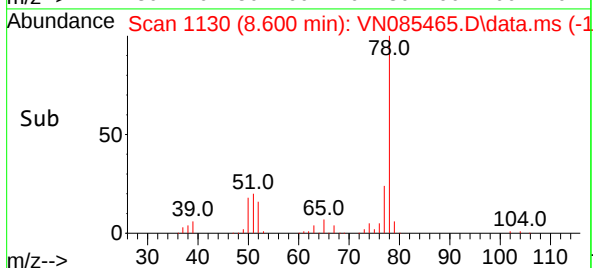
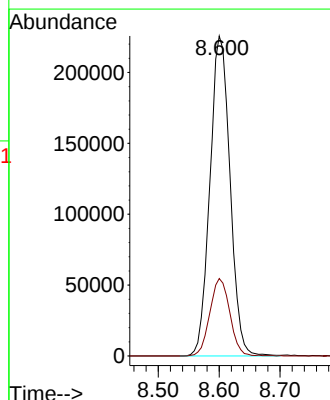
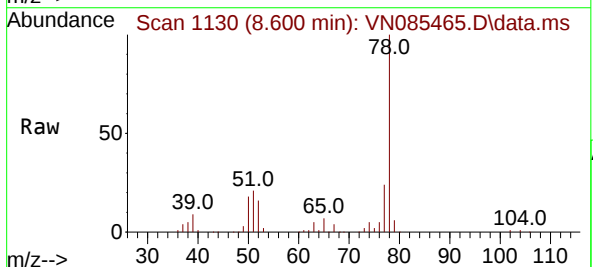
Acq: 16 Jan 2025 12:30

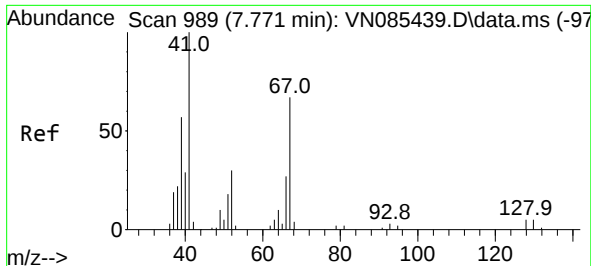
Tgt Ion: 78 Resp: 518597

Ion Ratio Lower Upper

78 100

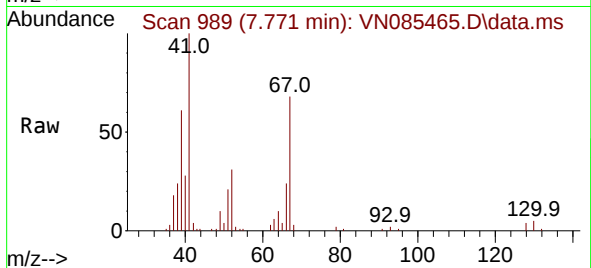
77 24.2 19.0 28.6



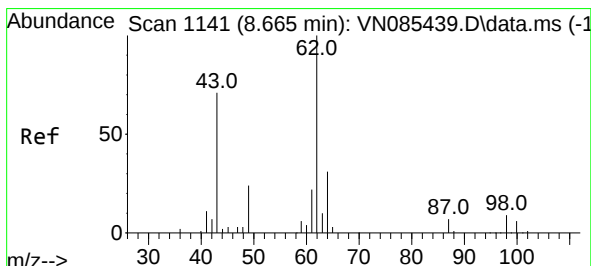
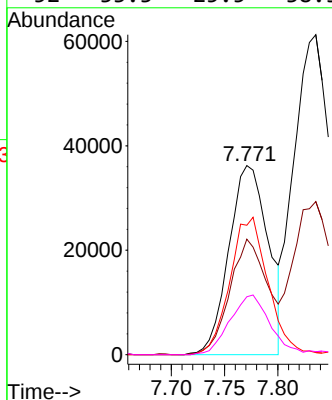
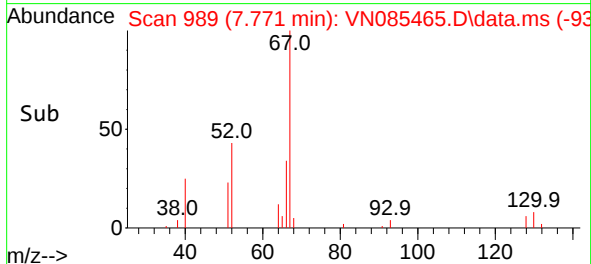


#41
Methacrylonitrile
Concen: 53.873 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :

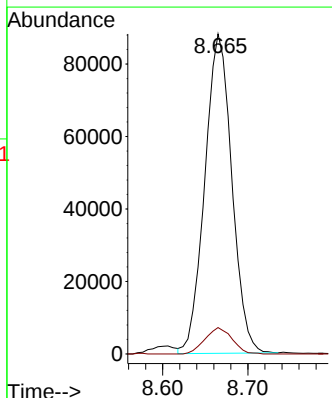
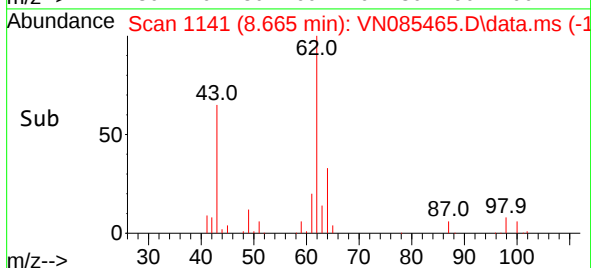
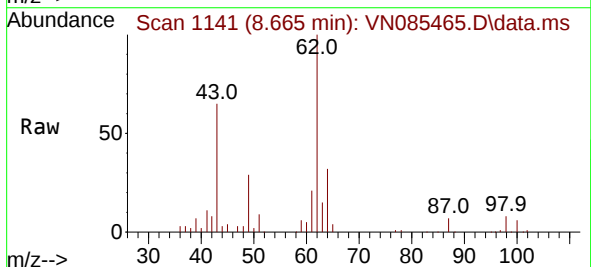


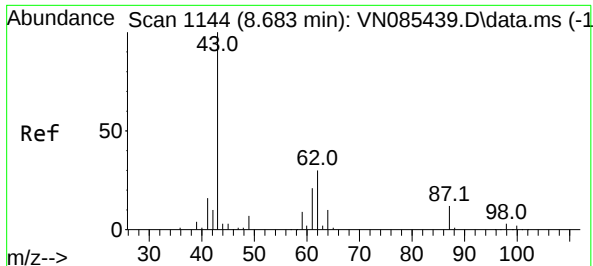
Tgt Ion:	41	Resp:	93303
Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.0	69.0
67	70.2	57.4	86.2
52	33.3	25.5	38.3



#42
1,2-Dichloroethane
Concen: 52.039 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:	62	Resp:	194220
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.988 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

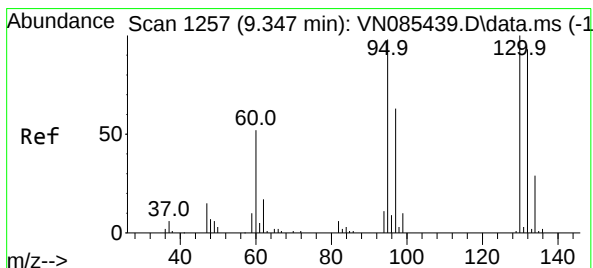
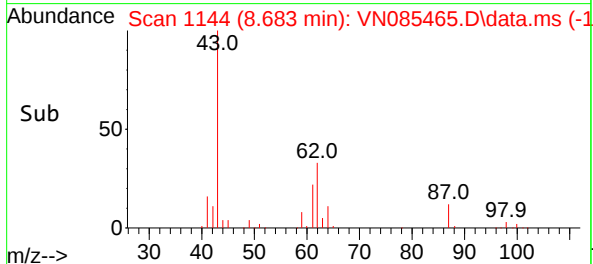
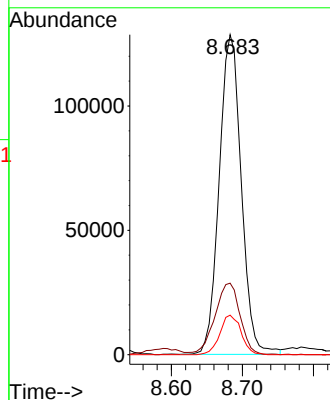
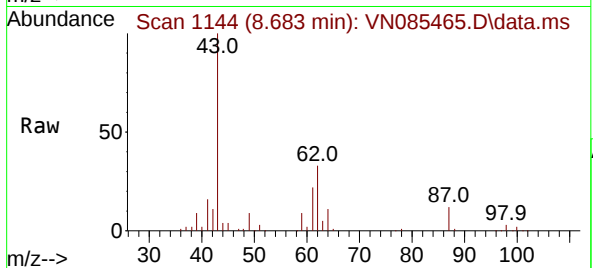
Tgt Ion: 43 Resp: 277304

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 48.611 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085465.D

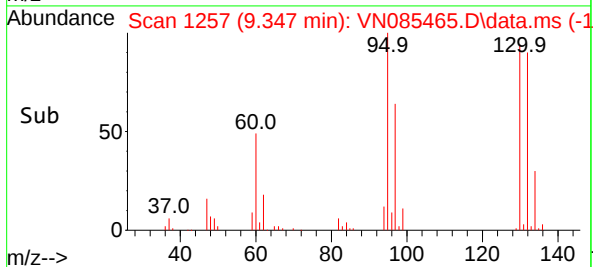
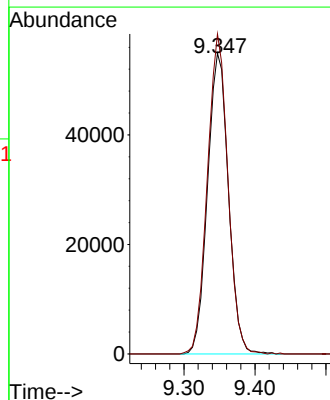
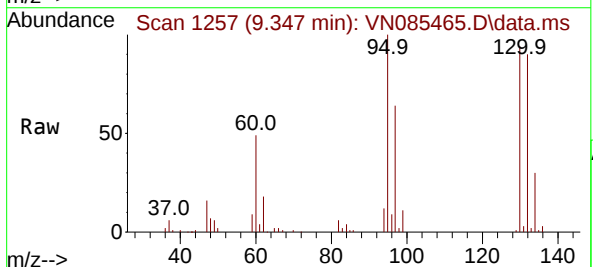
Acq: 16 Jan 2025 12:30

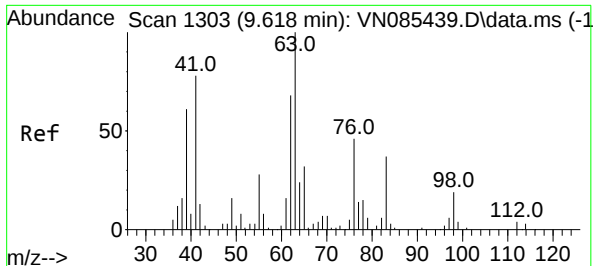
Tgt Ion:130 Resp: 112130

Ion Ratio Lower Upper

130 100

95 106.5 0.0 195.8





#45

1,2-Dichloropropane

Concen: 52.651 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

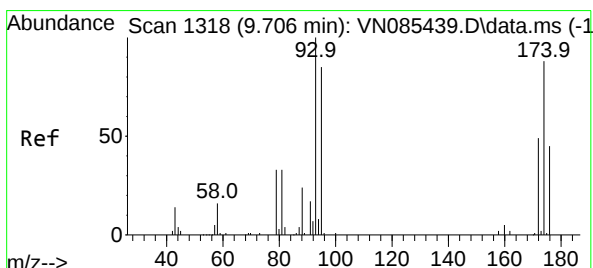
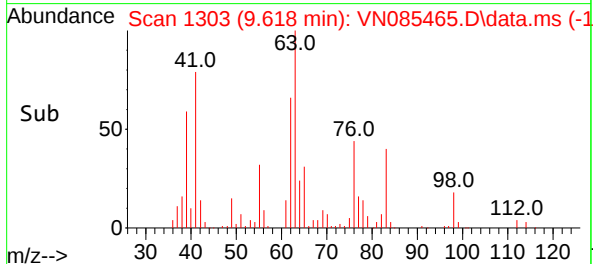
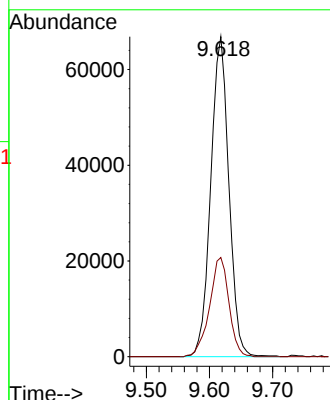
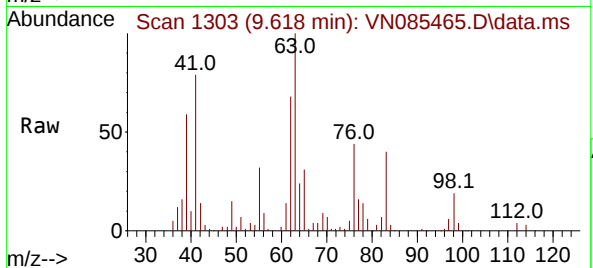
ClientSampleId :

Tgt Ion: 63 Resp: 133267

Ion Ratio Lower Upper

63 100

65 31.0 25.6 38.4



#46

Dibromomethane

Concen: 51.078 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

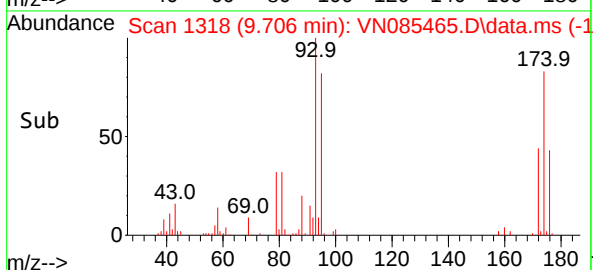
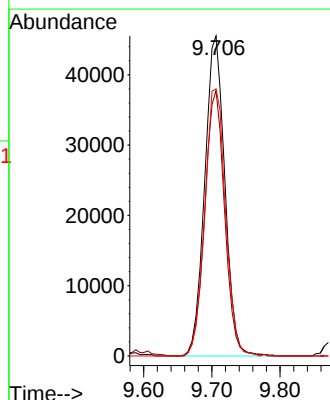
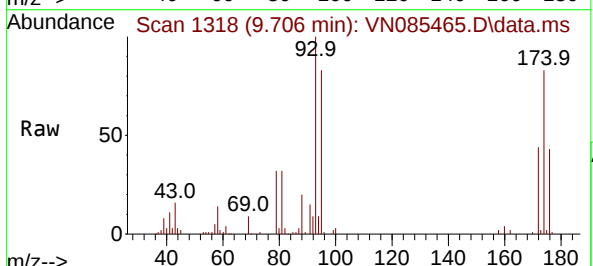
Tgt Ion: 93 Resp: 93287

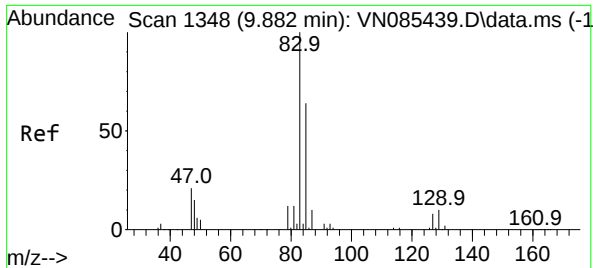
Ion Ratio Lower Upper

93 100

95 82.4 64.7 97.1

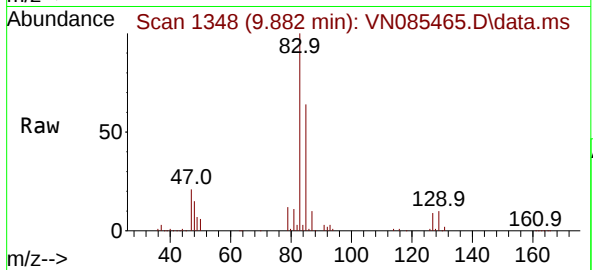
174 86.1 69.0 103.4



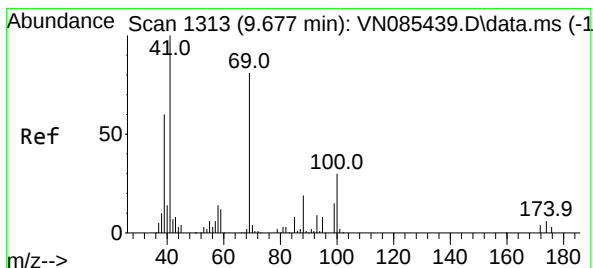
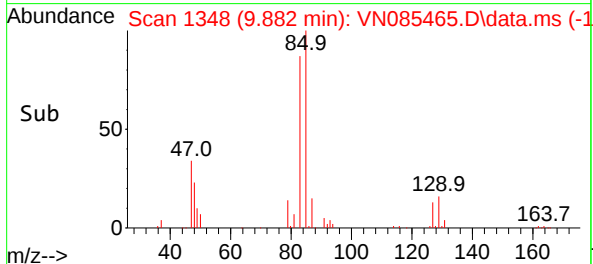
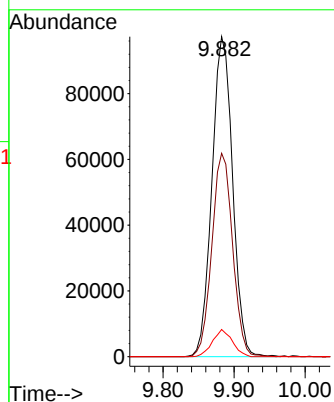


#47
Bromodichloromethane
Concen: 52.818 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :

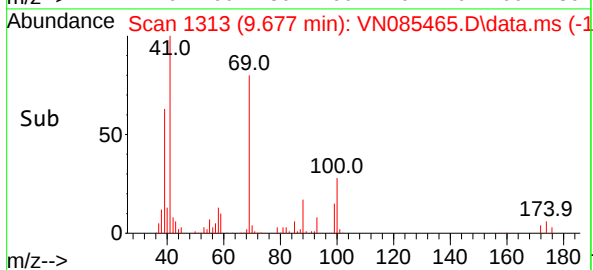
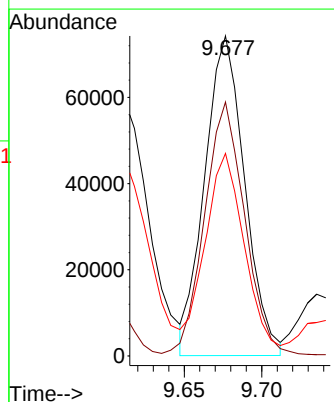
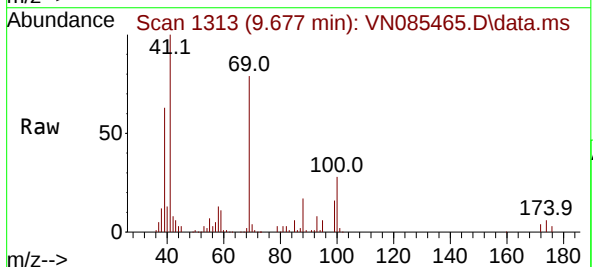


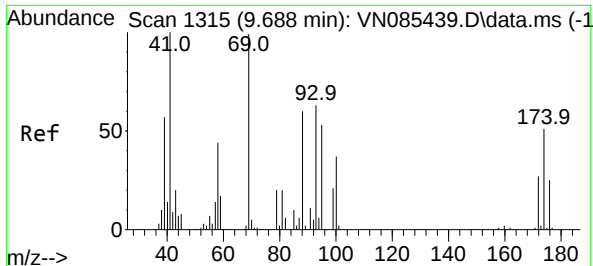
Tgt Ion: 83 Resp: 196530
Ion Ratio Lower Upper
83 100
85 63.6 51.2 76.8
127 8.5 6.5 9.7



#48
Methyl methacrylate
Concen: 55.460 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 41 Resp: 133128
Ion Ratio Lower Upper
41 100
69 79.3 64.7 97.1
39 63.3 49.0 73.6





#49

1,4-Dioxane

Concen: 1007.401 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

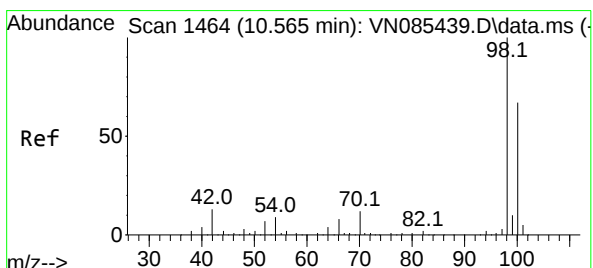
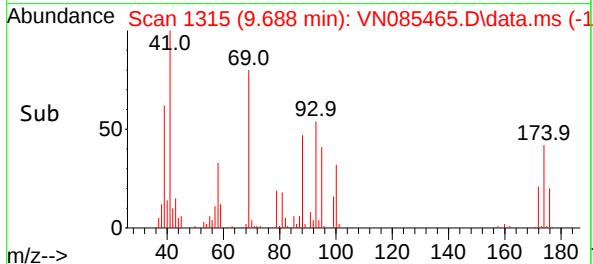
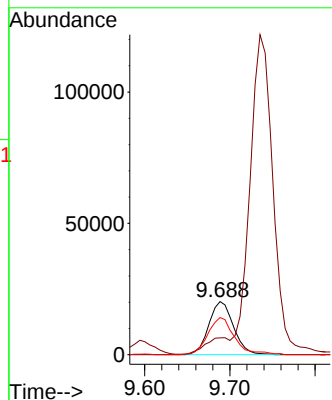
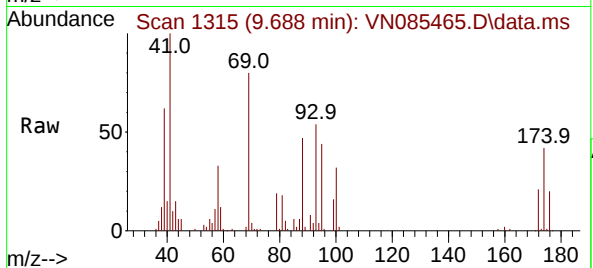
Tgt Ion: 88 Resp: 40722

Ion Ratio Lower Upper

88 100

43 31.6 26.6 39.8

58 75.3 59.5 89.3



#50

Toluene-d8

Concen: 57.135 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085465.D

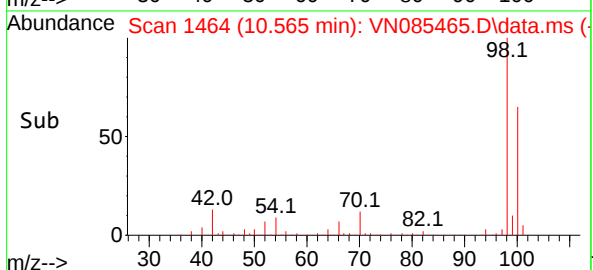
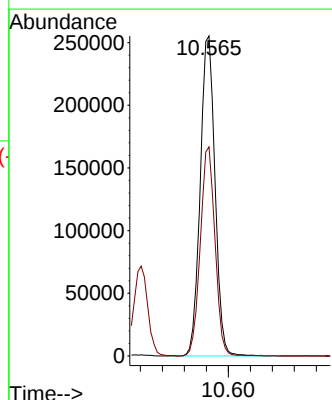
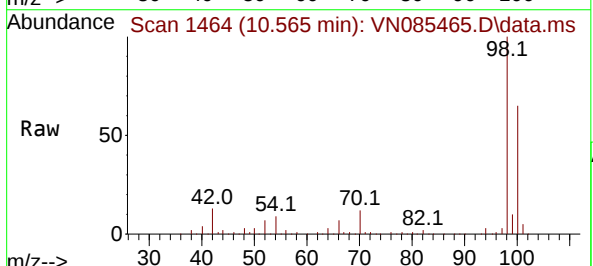
Acq: 16 Jan 2025 12:30

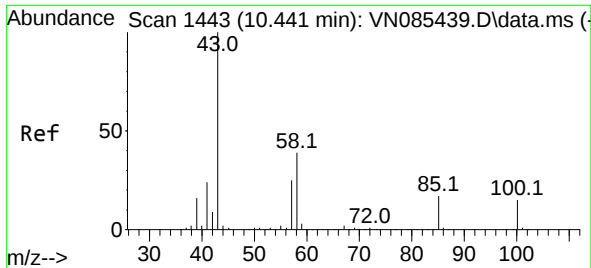
Tgt Ion: 98 Resp: 477022

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

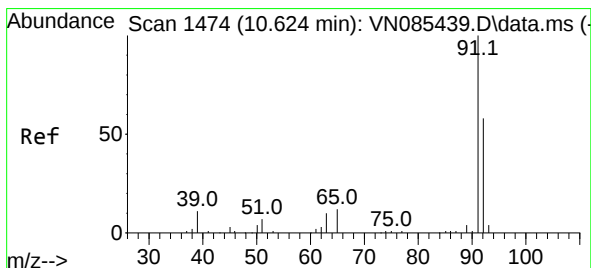
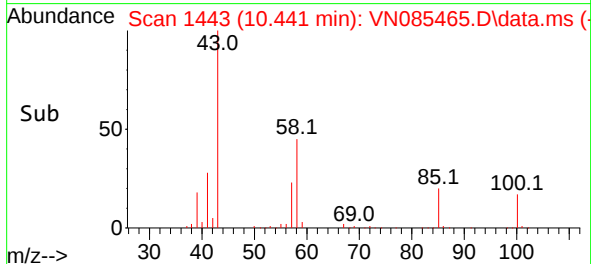
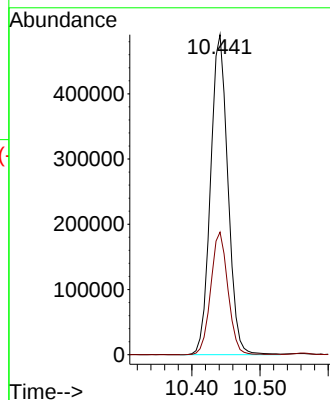
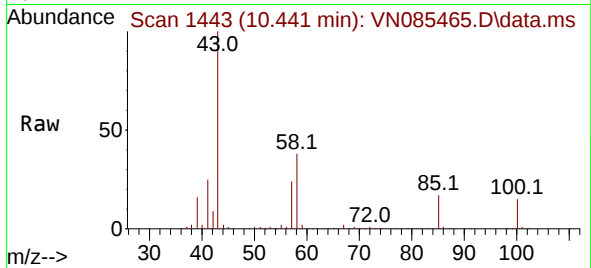




#51
4-Methyl-2-Pentanone
Concen: 280.635 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

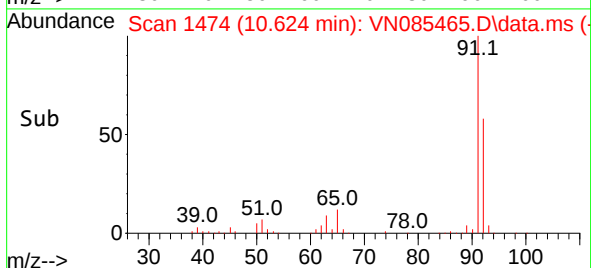
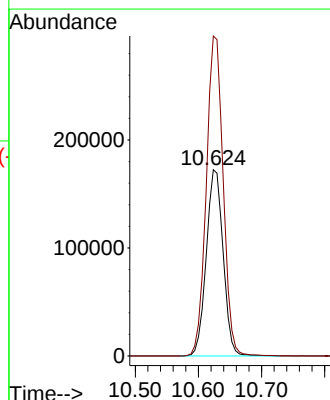
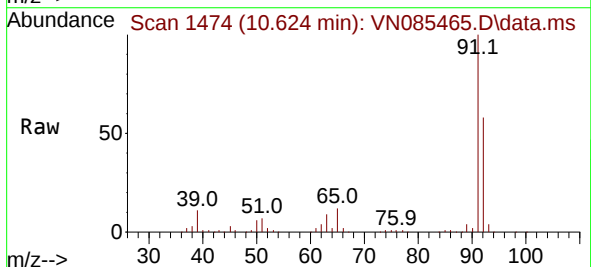
Instrument :
MSVOA_N
ClientSampleId :

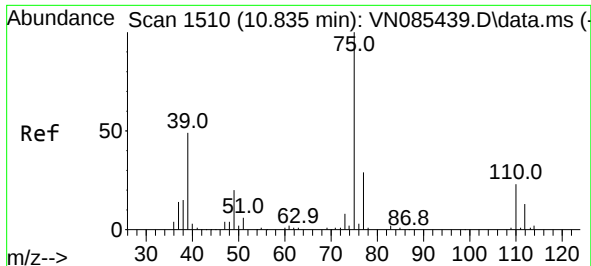
Tgt Ion: 43 Resp: 868635
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7



#52
Toluene
Concen: 55.684 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 92 Resp: 319722
Ion Ratio Lower Upper
92 100
91 172.1 139.2 208.8

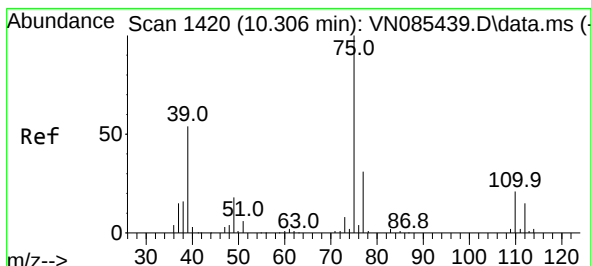
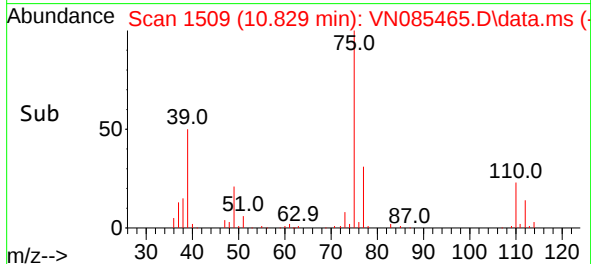
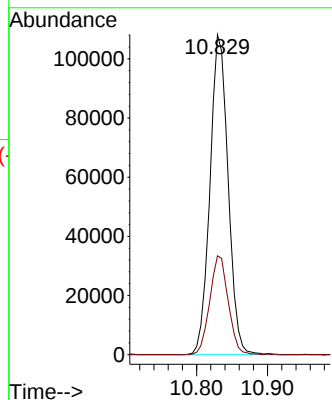
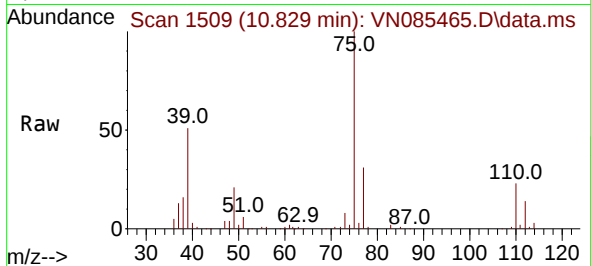




#53
 t-1,3-Dichloropropene
 Concen: 54.543 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

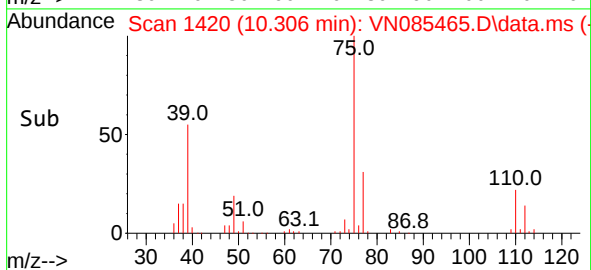
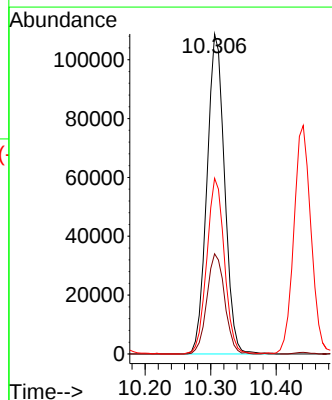
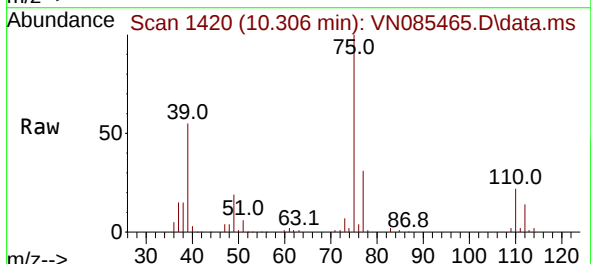
Instrument :
 MSVOA_N
 ClientSampleId :

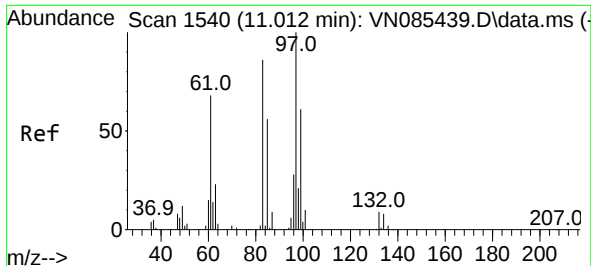
Tgt Ion: 75 Resp: 191792
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.100 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

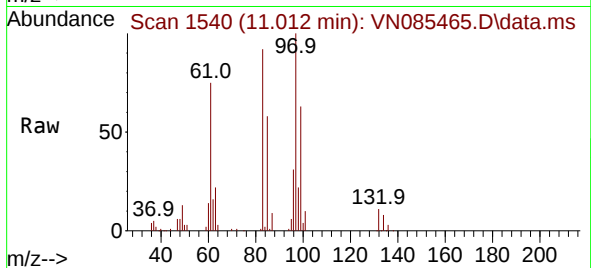
Tgt Ion: 75 Resp: 203202
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4
 39 54.9 43.1 64.7



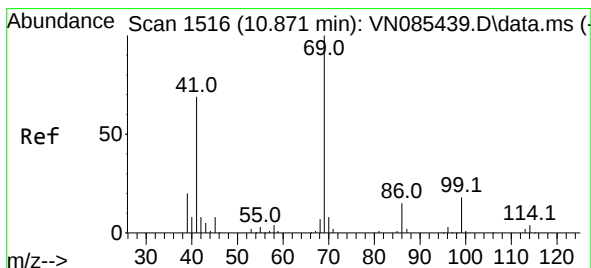
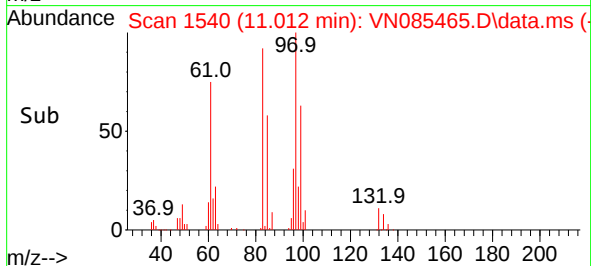
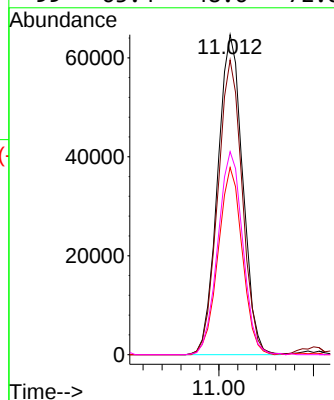


#55
1,1,2-Trichloroethane
Concen: 52.304 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :

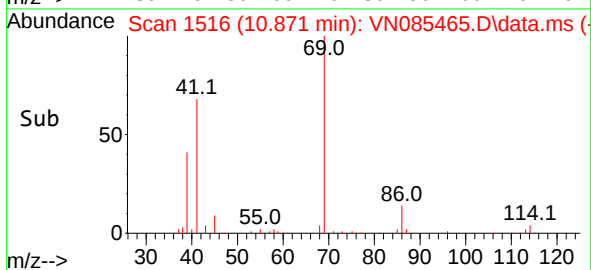
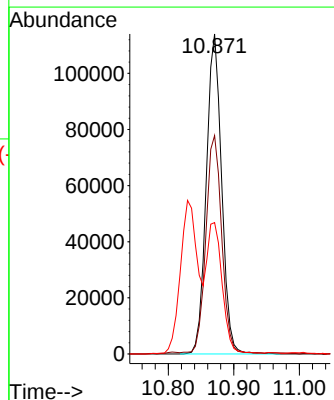
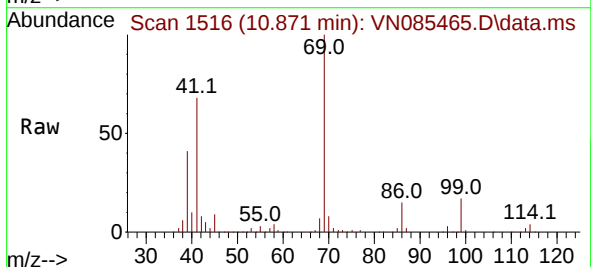


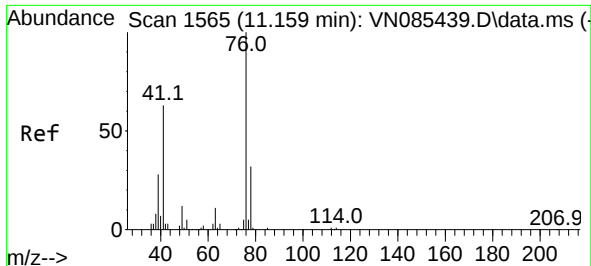
Tgt Ion:	97	Resp:	118849
Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.0	103.6
85	58.5	44.6	66.8
99	63.4	48.6	72.8



#56
Ethyl methacrylate
Concen: 48.474 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:	69	Resp:	185312
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.6	82.0
39	40.2	32.4	48.6





#57

1,3-Dichloropropane

Concen: 52.503 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

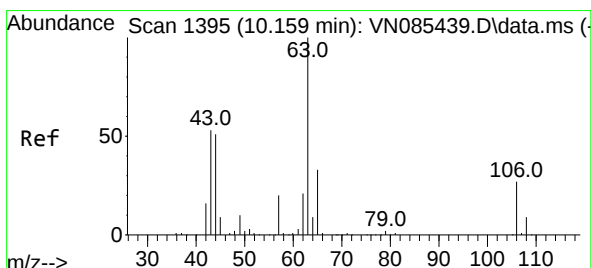
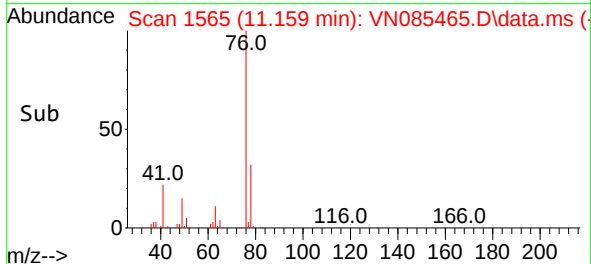
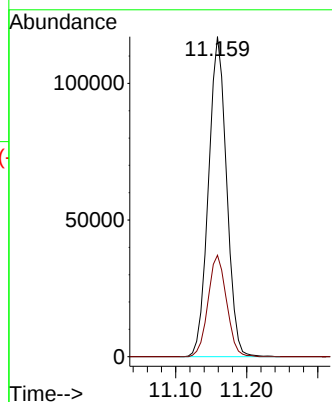
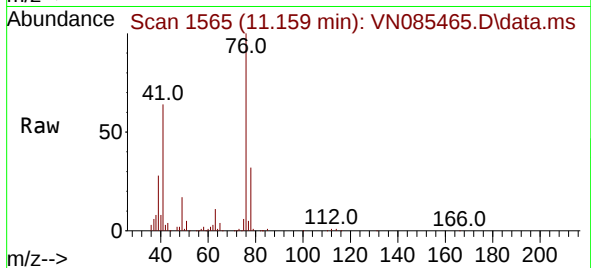
ClientSampleId :

Tgt Ion: 76 Resp: 207443

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 297.169 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085465.D

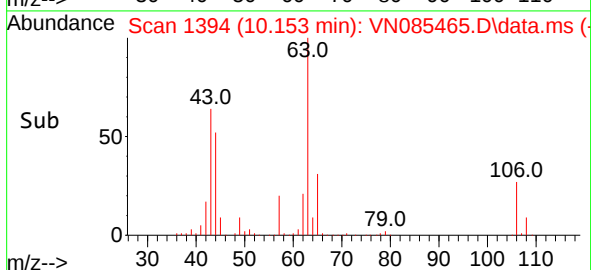
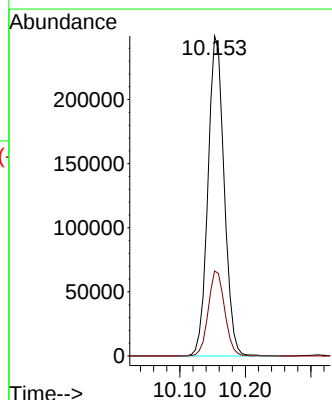
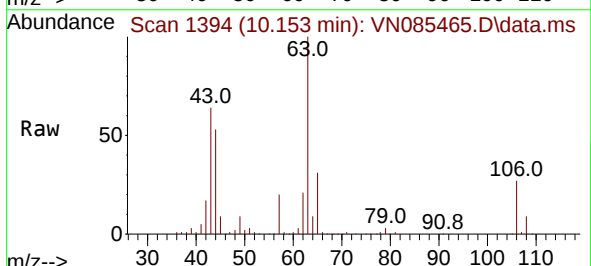
Acq: 16 Jan 2025 12:30

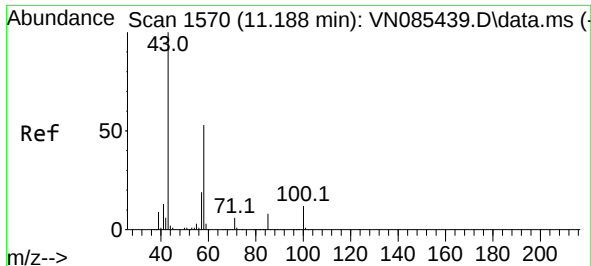
Tgt Ion: 63 Resp: 428511

Ion Ratio Lower Upper

63 100

106 26.9 21.6 32.4

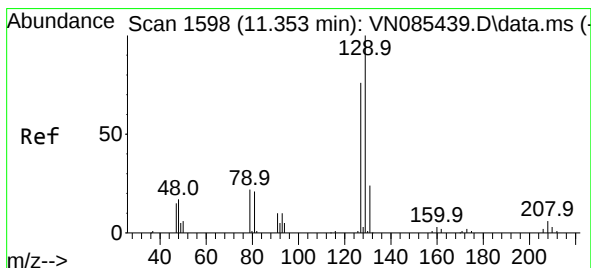
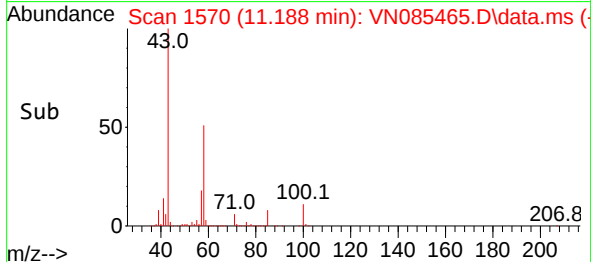
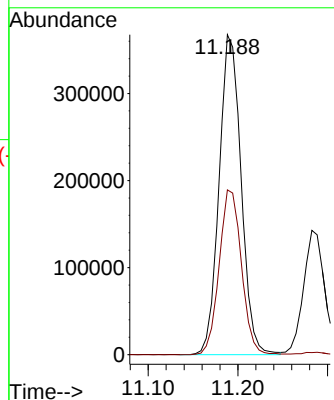
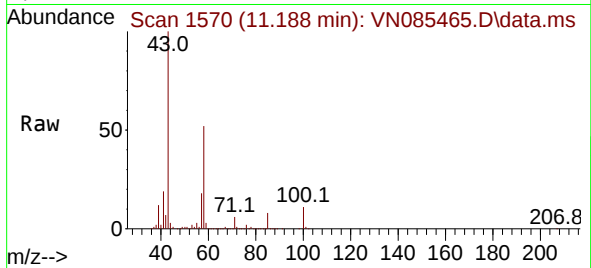




#59
2-Hexanone
Concen: 287.441 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

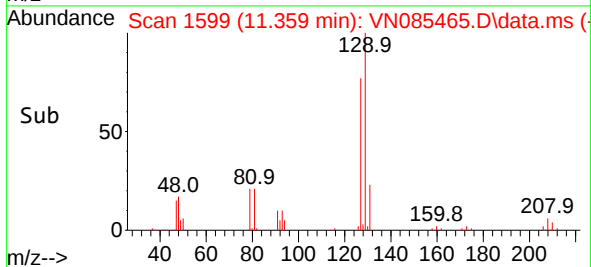
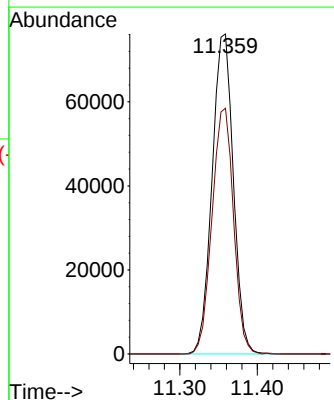
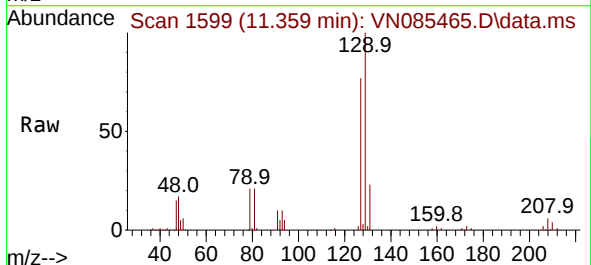
Instrument :
MSVOA_N
ClientSampleId :

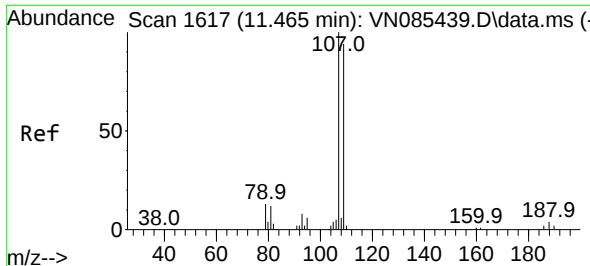
Tgt Ion: 43 Resp: 626022
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.6



#60
Dibromochloromethane
Concen: 52.798 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:129 Resp: 144841
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

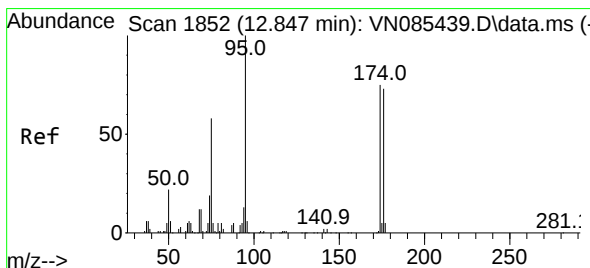
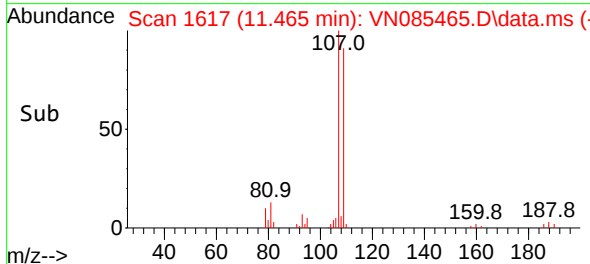
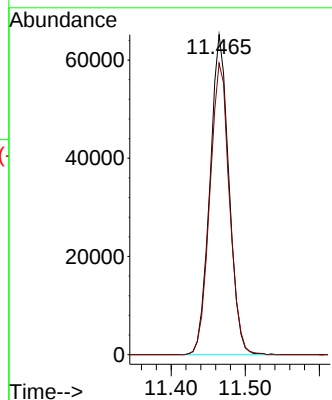
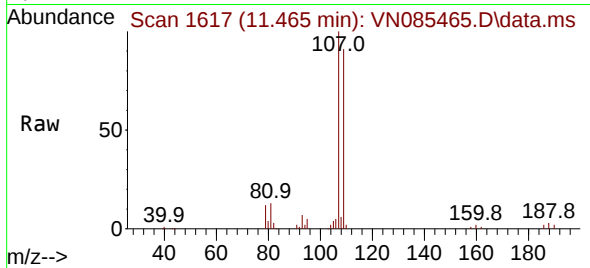




#61
1,2-Dibromoethane
Concen: 51.361 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

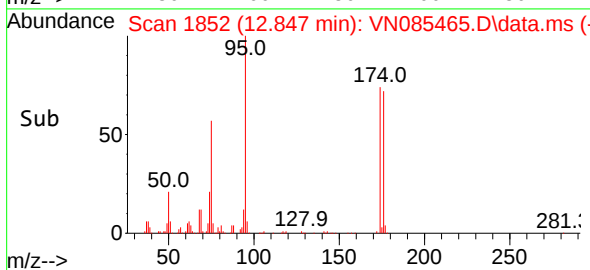
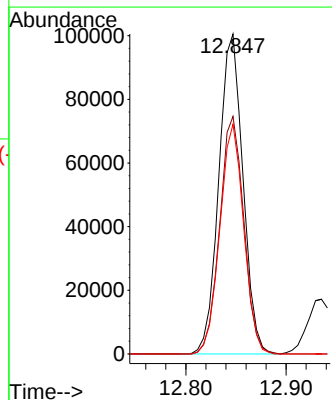
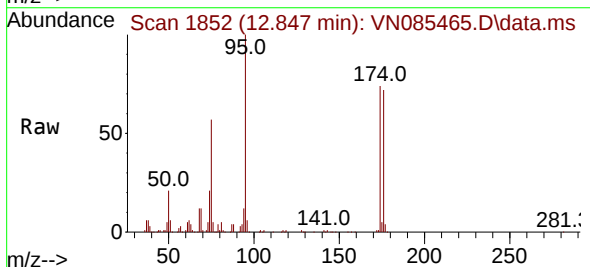
Instrument :
MSVOA_N
ClientSampleId :

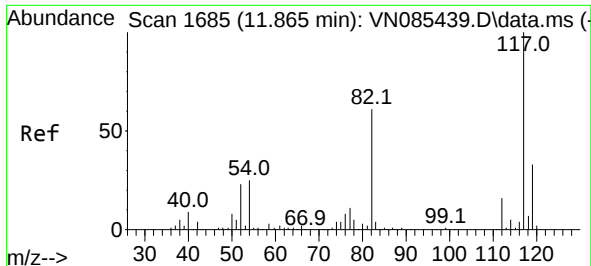
Tgt Ion:107 Resp: 116171
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 58.717 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 95 Resp: 167696
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.0
176 70.9 0.0 142.4

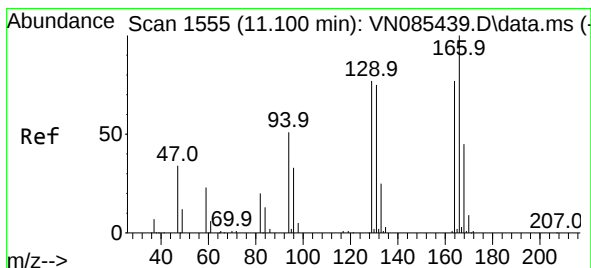
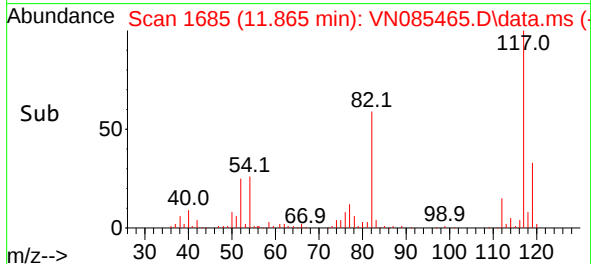
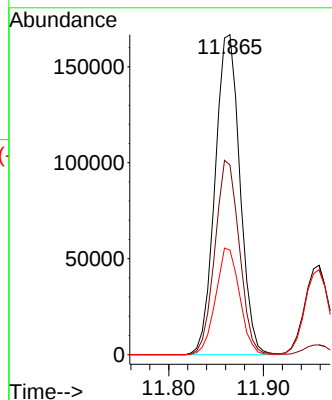
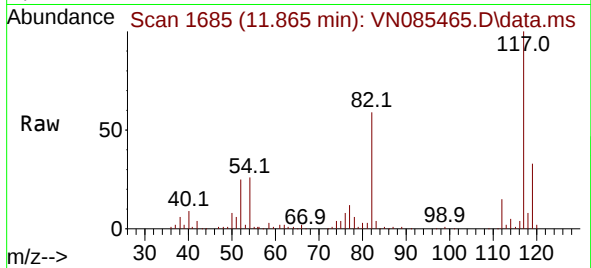




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

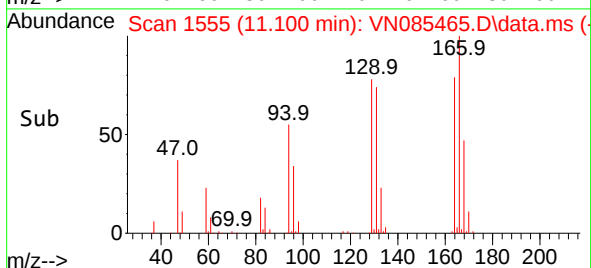
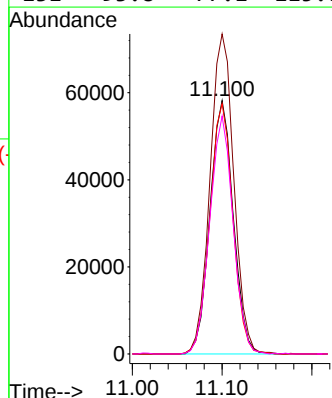
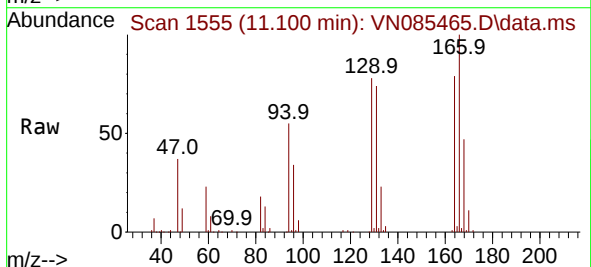
Instrument :
MSVOA_N
ClientSampleId :

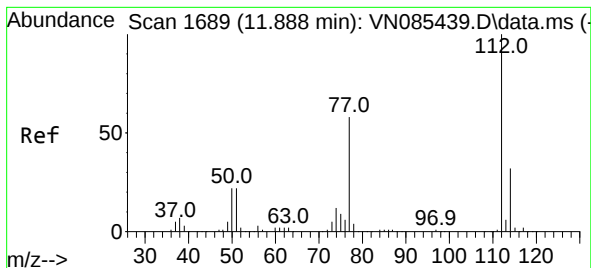
Tgt Ion:117 Resp: 304435
Ion Ratio Lower Upper
117 100
82 59.3 48.6 72.8
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 50.775 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:164 Resp: 105380
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 98.7 79.2 118.8
131 93.8 77.1 115.7





#65

Chlorobenzene

Concen: 50.341 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

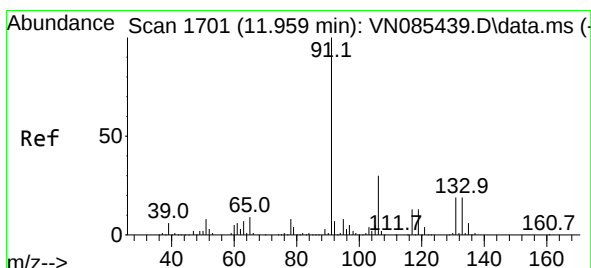
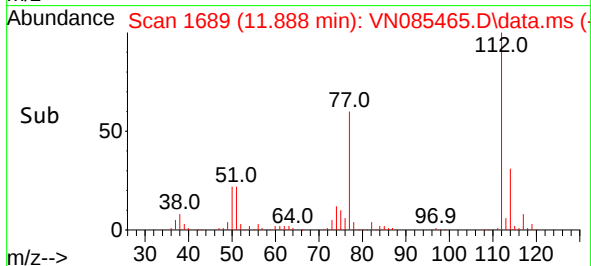
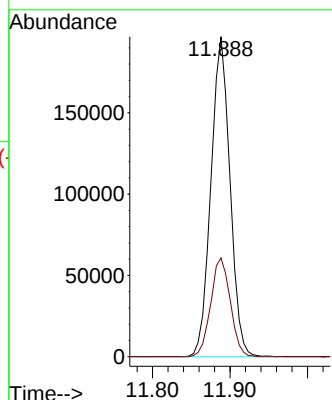
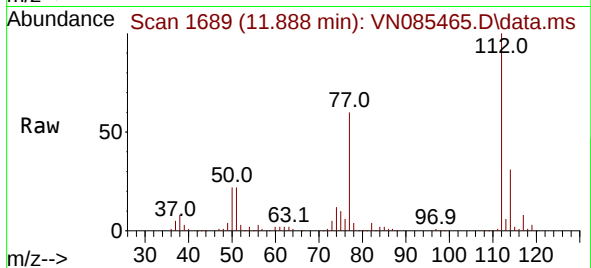
ClientSampleId :

Tgt Ion:112 Resp: 335733

Ion Ratio Lower Upper

112 100

114 30.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.647 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

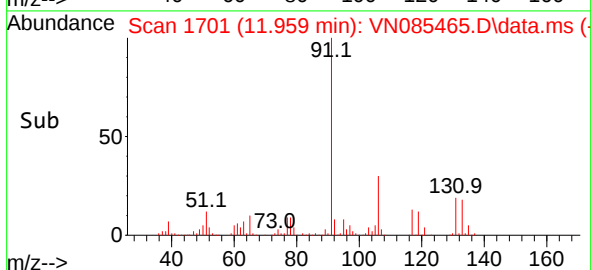
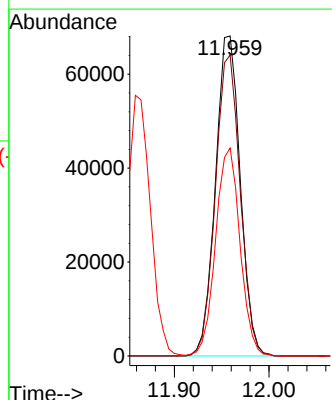
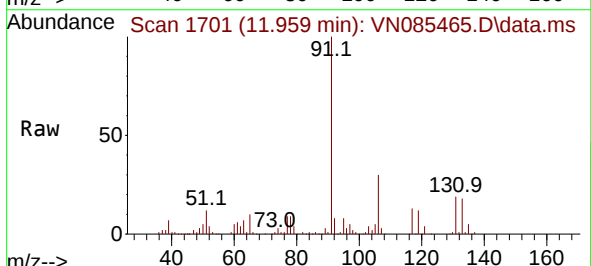
Tgt Ion:131 Resp: 123970

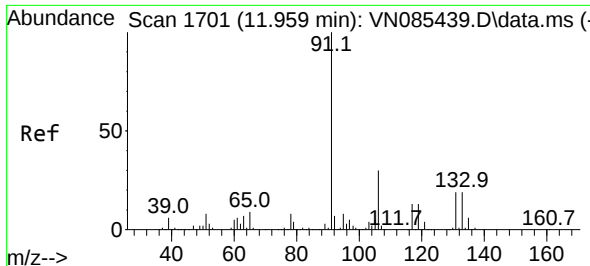
Ion Ratio Lower Upper

131 100

133 94.2 47.4 142.3

119 64.1 33.1 99.5

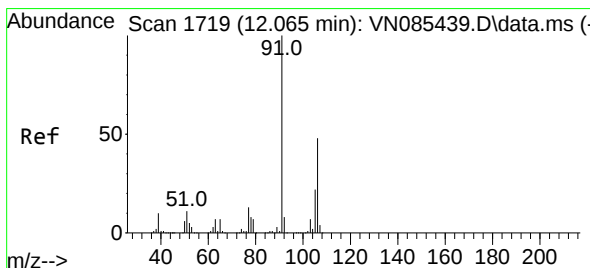
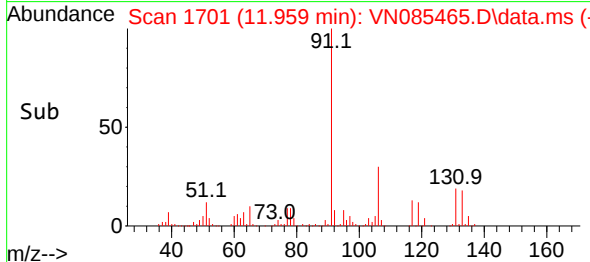
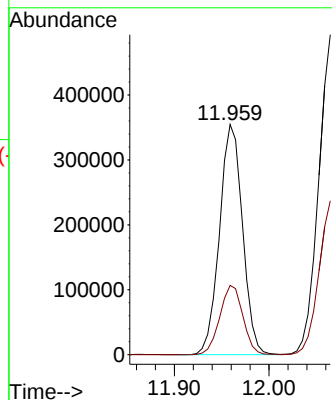
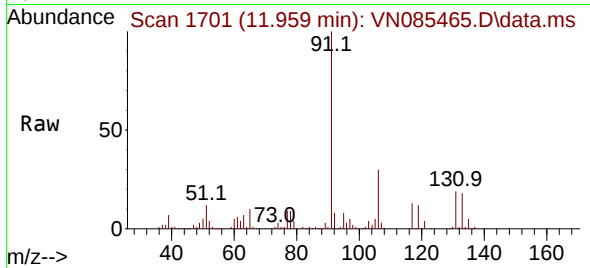




#67
Ethyl Benzene
Concen: 55.203 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

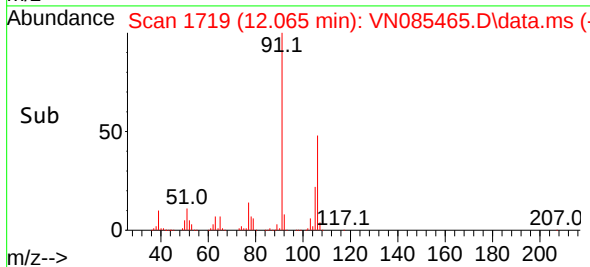
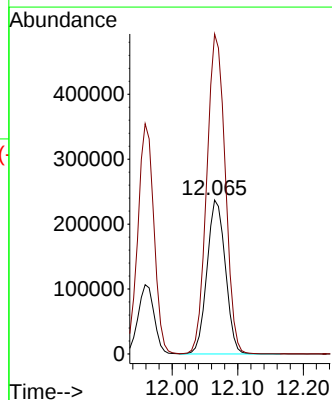
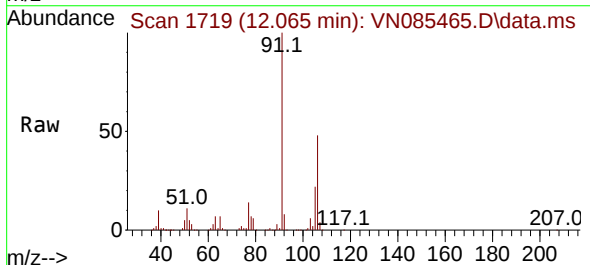
Instrument :
MSVOA_N
ClientSampleId :

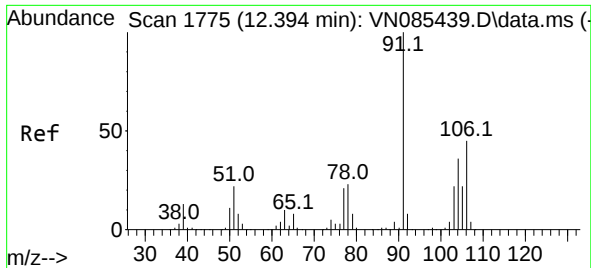
Tgt Ion: 91 Resp: 599634
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 114.982 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:106 Resp: 461597
Ion Ratio Lower Upper
106 100
91 209.0 167.7 251.5

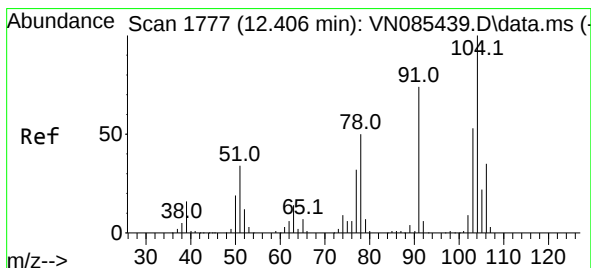
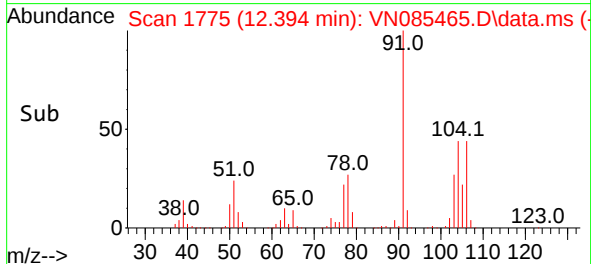
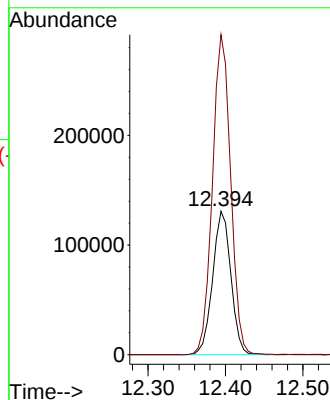
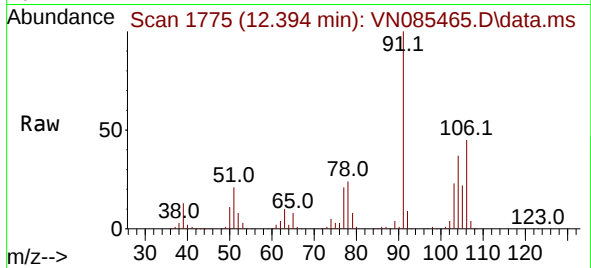




#69
o-Xylene
Concen: 55.736 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

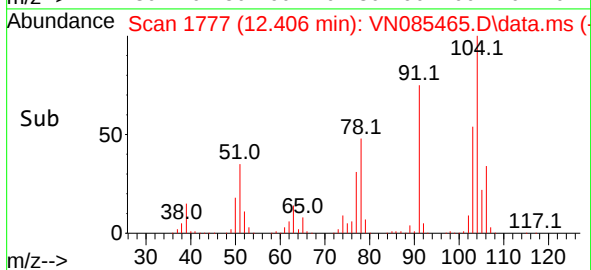
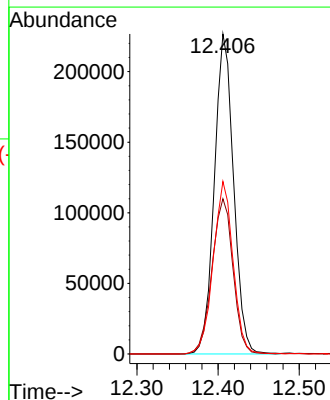
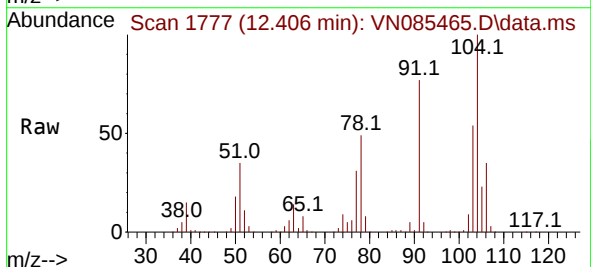
Instrument :
MSVOA_N
ClientSampleId :

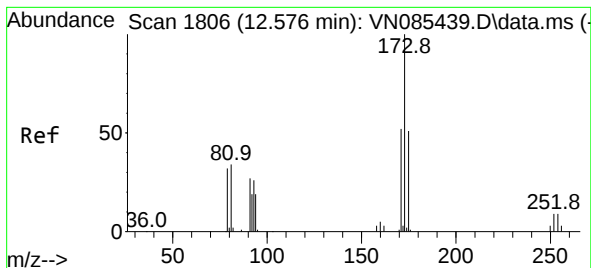
Tgt Ion:106 Resp: 213833
Ion Ratio Lower Upper
106 100
91 222.9 110.4 331.2



#70
Styrene
Concen: 58.773 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:104 Resp: 373173
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.8 43.8 65.8





#71

Bromoform

Concen: 53.094 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

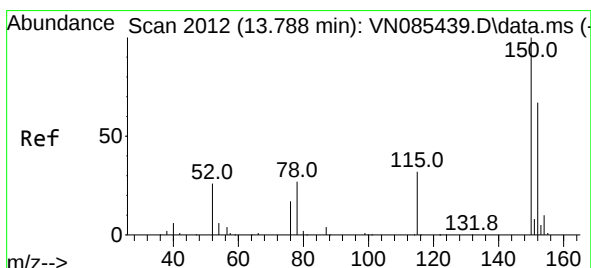
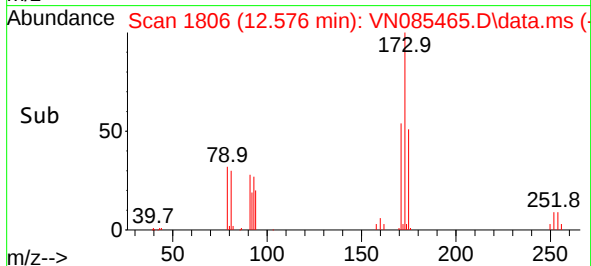
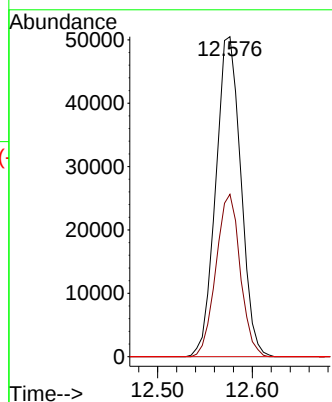
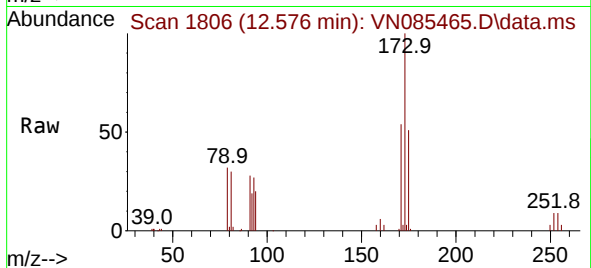
Tgt Ion:173 Resp: 92987

Ion Ratio Lower Upper

173 100

175 49.2 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: VN085465.D

Acq: 16 Jan 2025 12:30

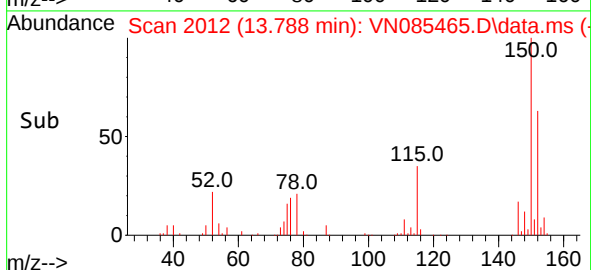
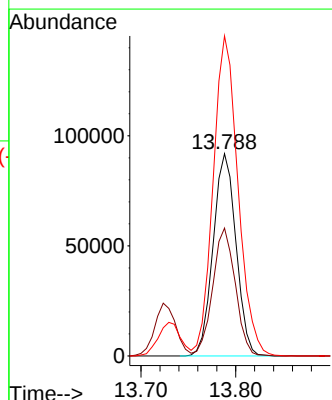
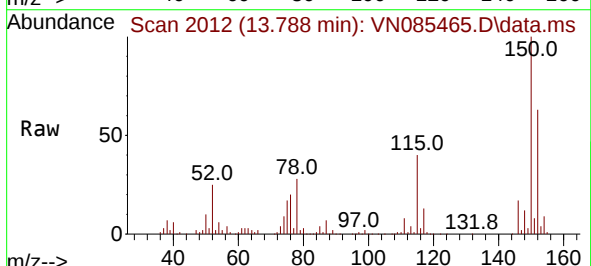
Tgt Ion:152 Resp: 154064

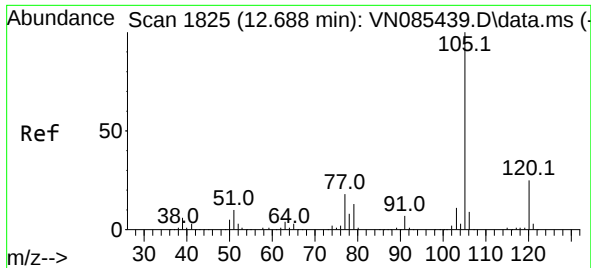
Ion Ratio Lower Upper

152 100

115 62.4 31.1 93.3

150 172.1 0.0 343.6

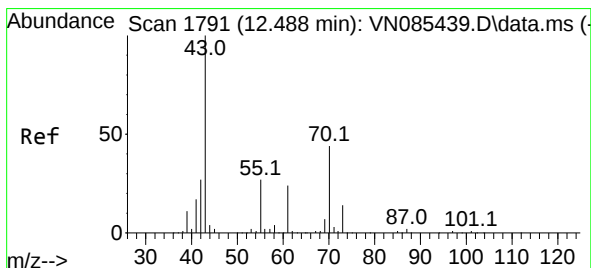
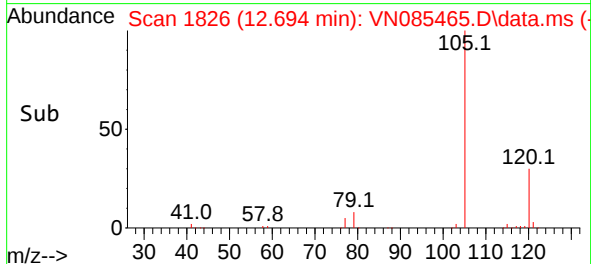
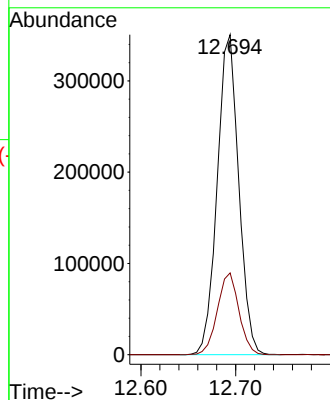
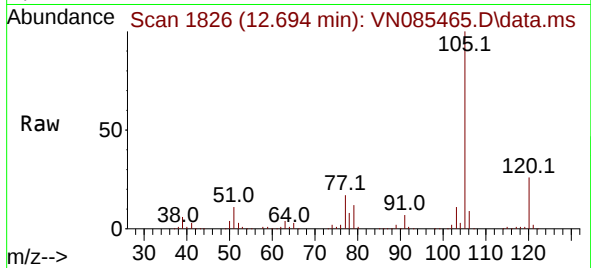




#73
Isopropylbenzene
Concen: 53.105 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

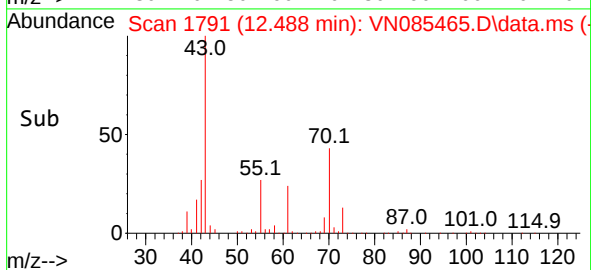
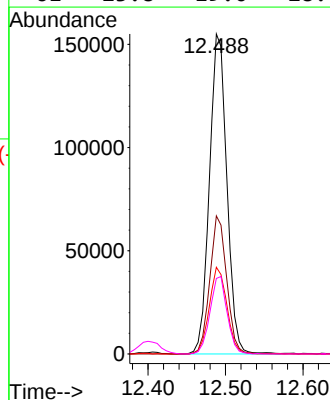
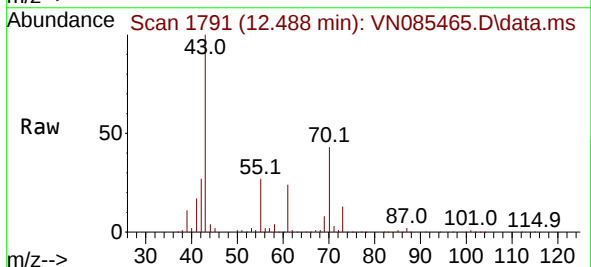
Instrument :
MSVOA_N
ClientSampleId :

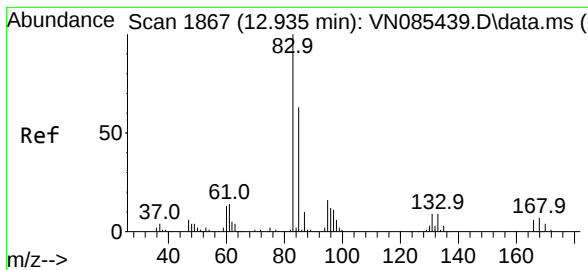
Tgt Ion:105 Resp: 552186
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 51.765 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 43 Resp: 241933
Ion Ratio Lower Upper
43 100
70 41.9 34.0 51.0
55 27.4 21.4 32.2
61 23.8 19.0 28.4

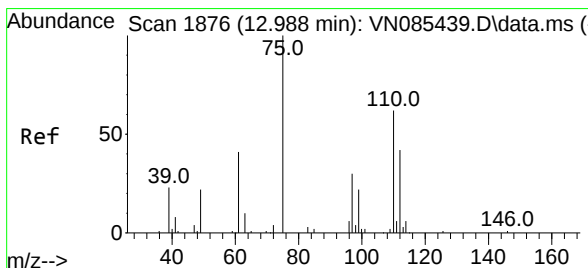
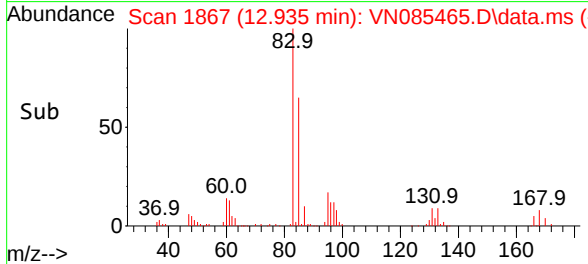
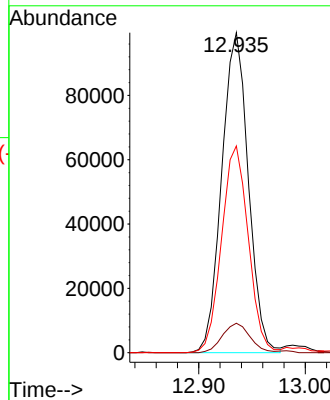
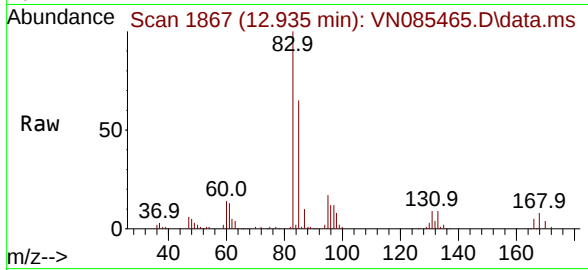




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.013 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

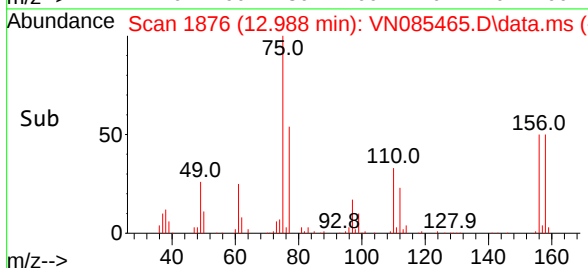
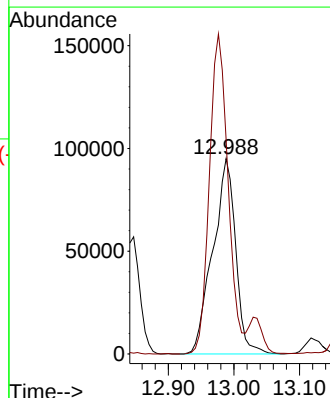
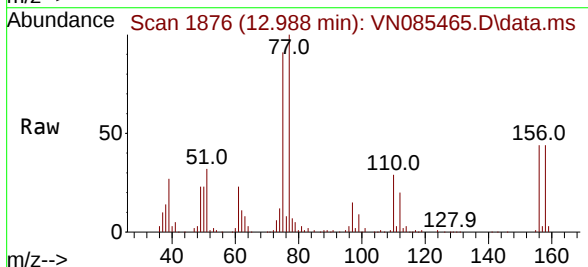
Instrument :
 MSVOA_N
 ClientSampleId :

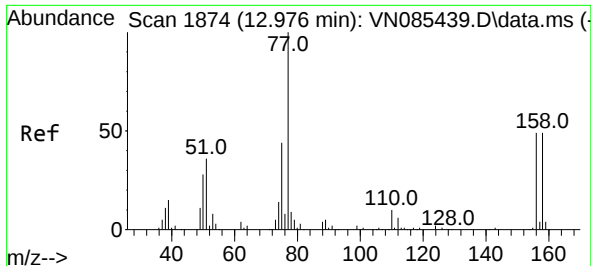
Tgt Ion: 83 Resp: 172681
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.9 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 73.449 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion: 75 Resp: 229999
 Ion Ratio Lower Upper
 75 100
 77 134.5 109.7 329.2

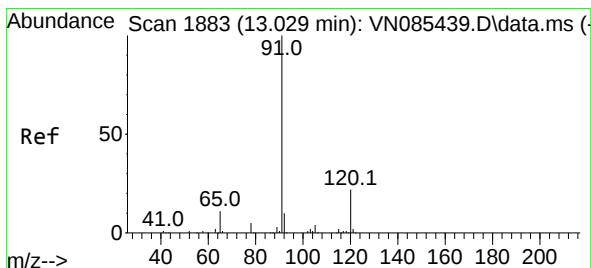
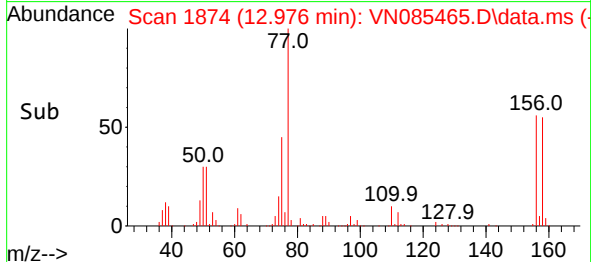
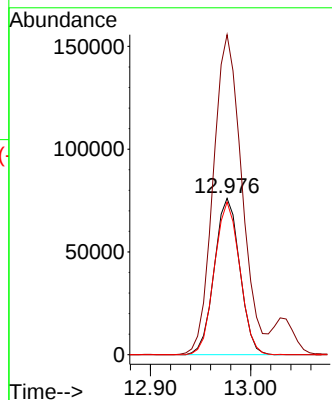
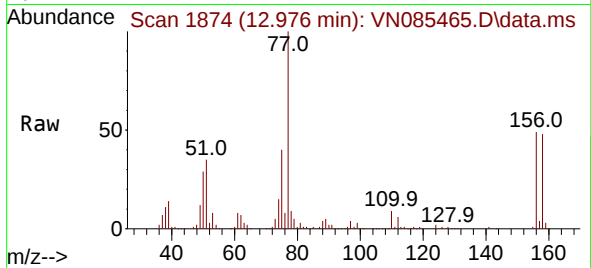




#77
Bromobenzene
Concen: 49.246 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

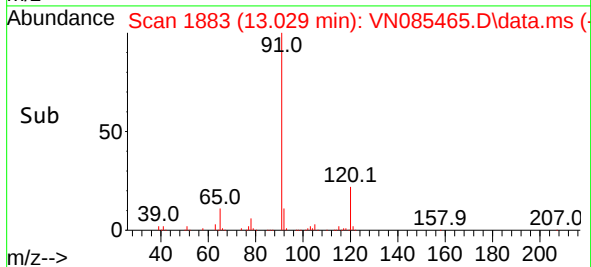
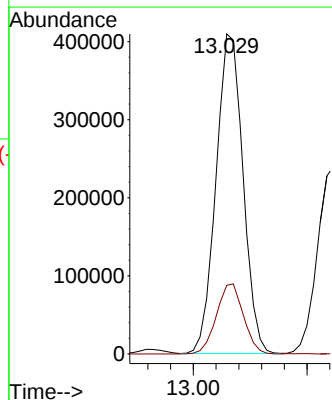
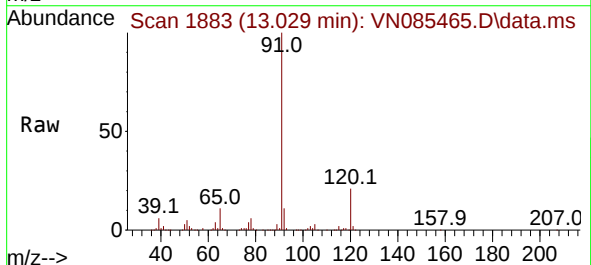
Instrument :
MSVOA_N
ClientSampleId :

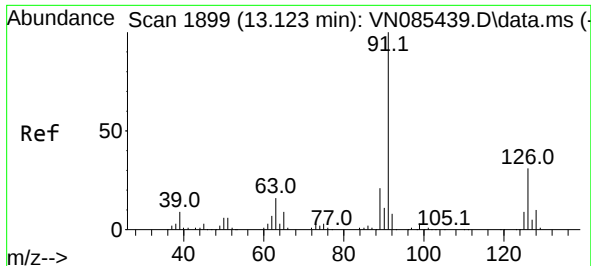
Tgt Ion:156 Resp: 133783
Ion Ratio Lower Upper
156 100
77 231.3 114.1 342.4
158 97.5 48.9 146.8



#78
n-propylbenzene
Concen: 54.935 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 91 Resp: 676228
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6

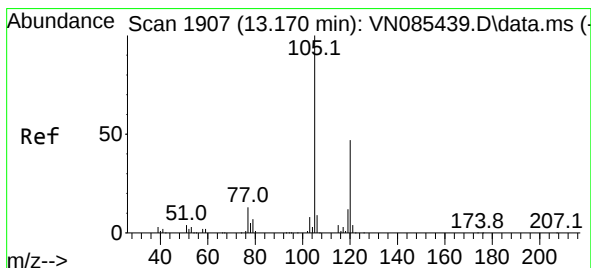
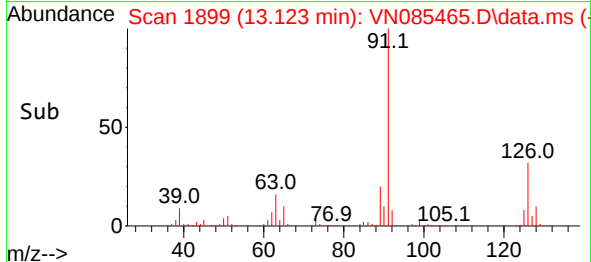
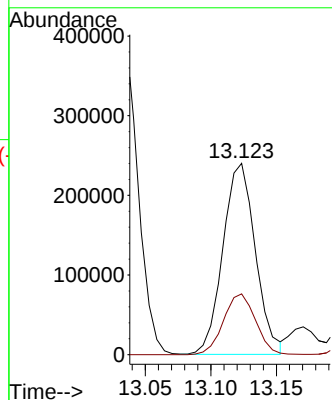
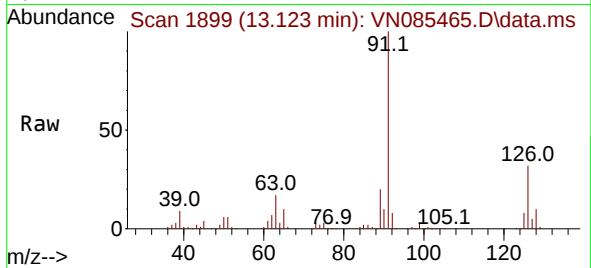




#79
2-Chlorotoluene
Concen: 51.824 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

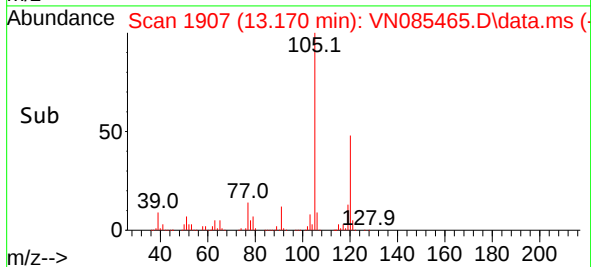
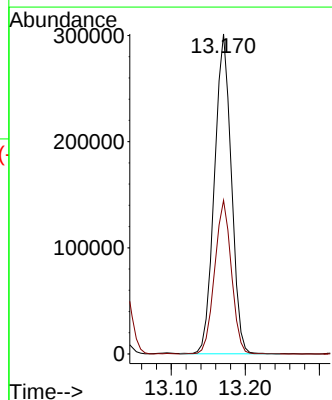
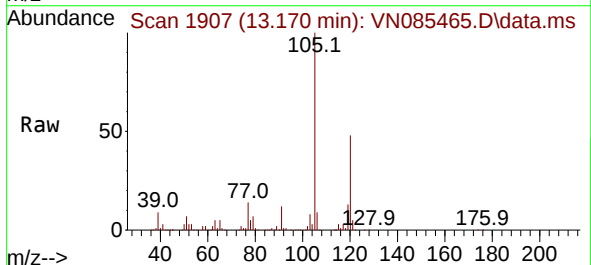
Instrument :
MSVOA_N
ClientSampleId :

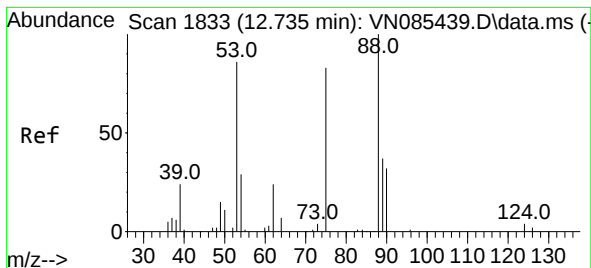
Tgt Ion: 91 Resp: 412865
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 55.477 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion:105 Resp: 476484
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

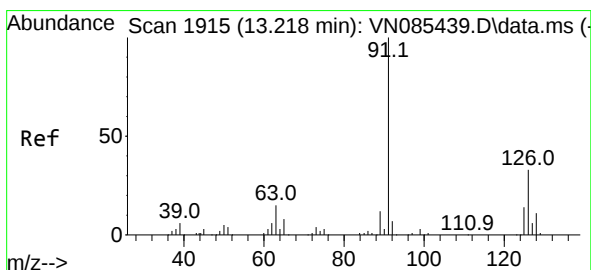
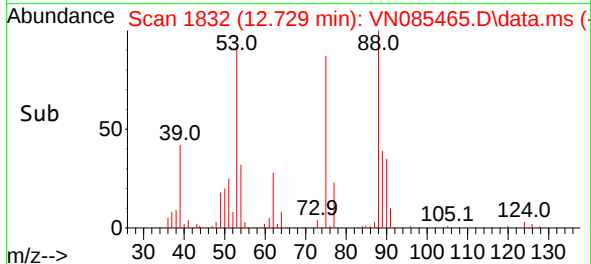
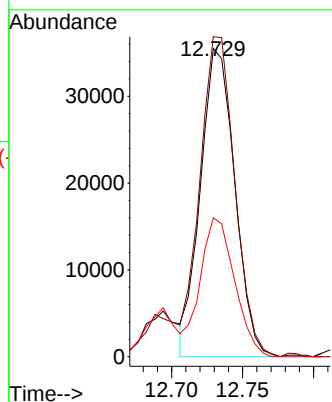
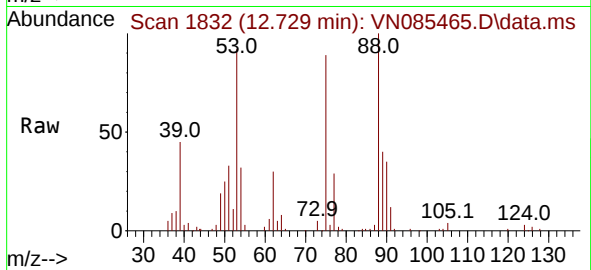




#81
trans-1,4-Dichloro-2-butene
Concen: 51.641 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

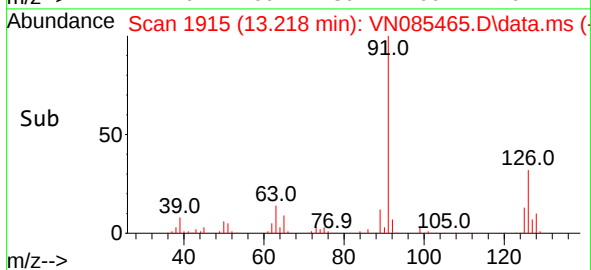
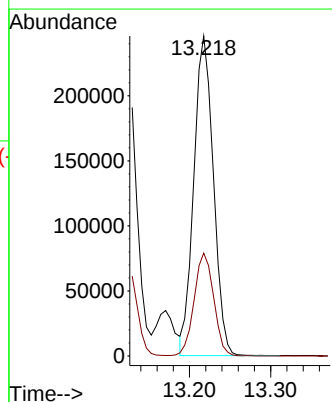
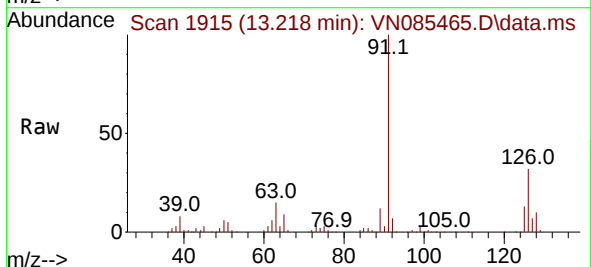
Instrument :
MSVOA_N
ClientSampleId :

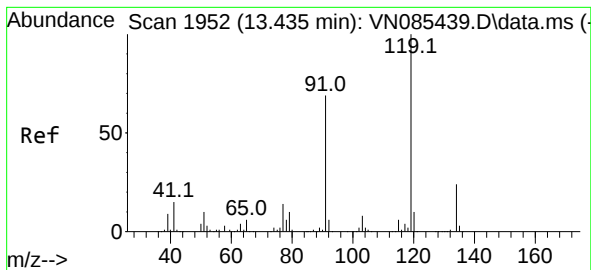
Tgt Ion: 75 Resp: 59768
Ion Ratio Lower Upper
75 100
53 118.5 95.6 143.4
89 45.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.013 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 91 Resp: 412584
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.7





#83

tert-Butylbenzene

Concen: 53.698 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

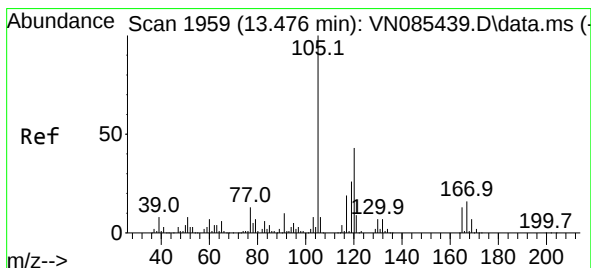
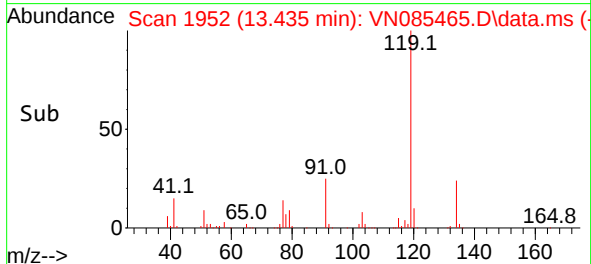
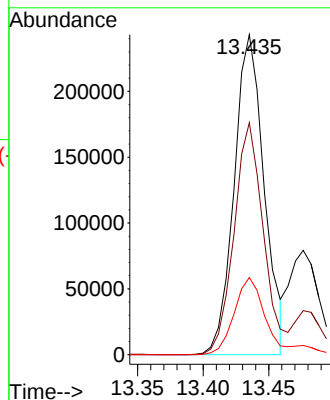
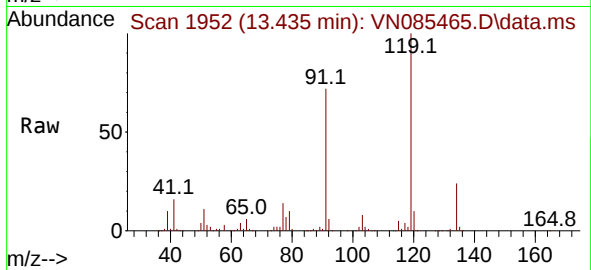
Tgt Ion:119 Resp: 387308

Ion Ratio Lower Upper

119 100

91 71.4 35.1 105.3

134 24.3 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 56.458 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085465.D

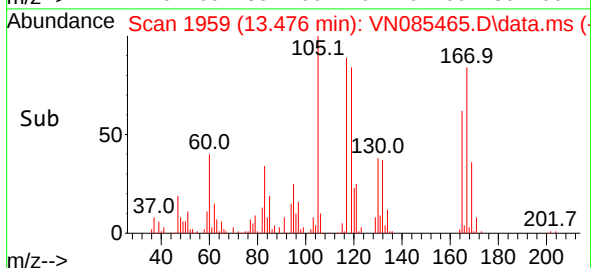
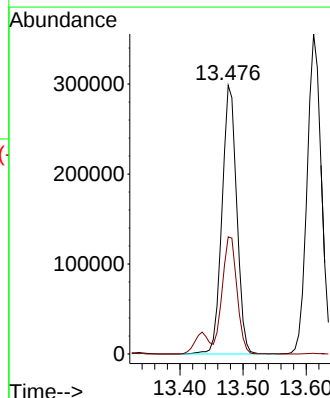
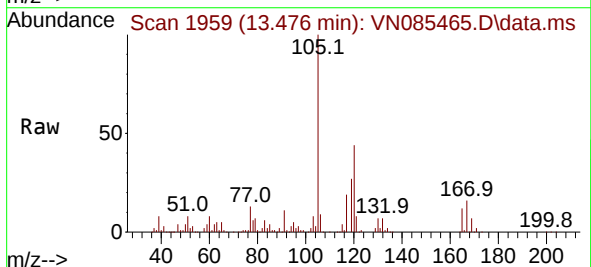
Acq: 16 Jan 2025 12:30

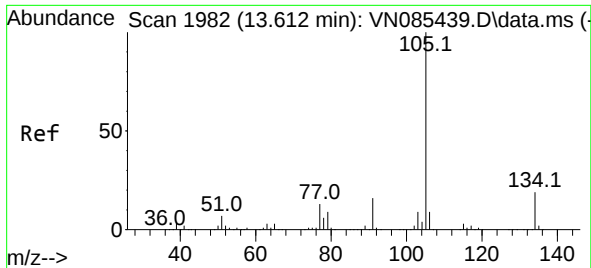
Tgt Ion:105 Resp: 483293

Ion Ratio Lower Upper

105 100

120 43.4 21.6 65.0

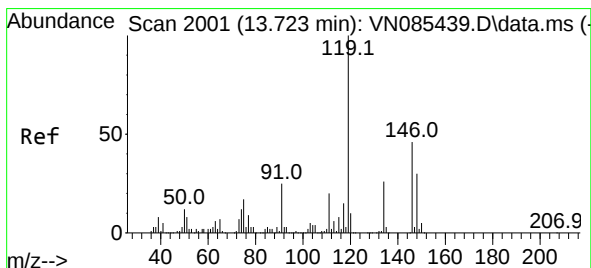
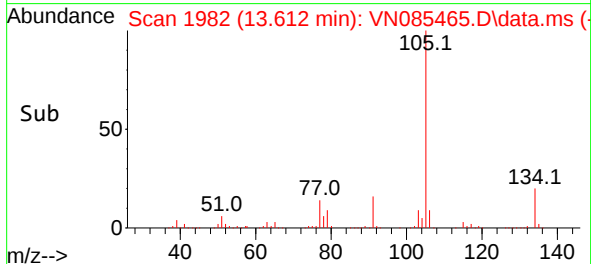
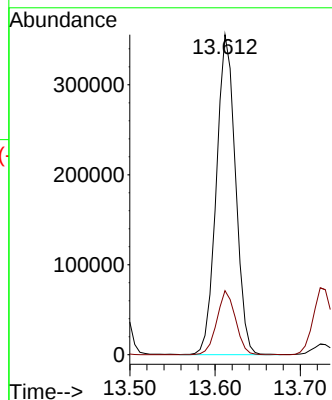
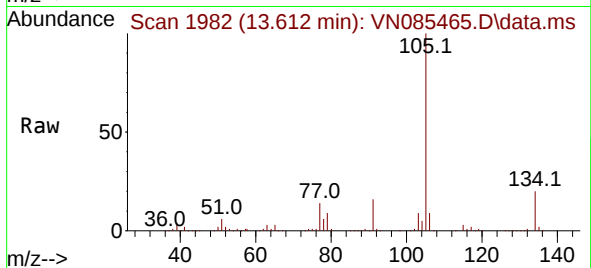




#85
 sec-Butylbenzene
 Concen: 55.539 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

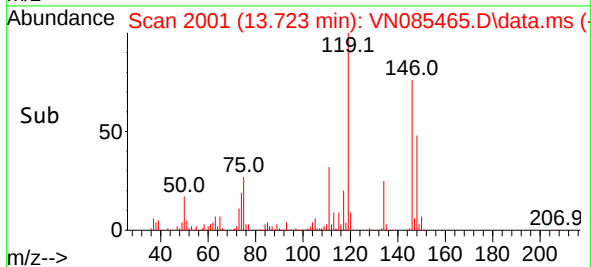
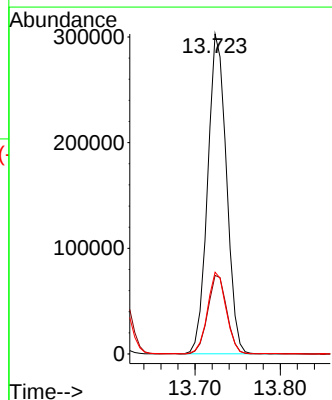
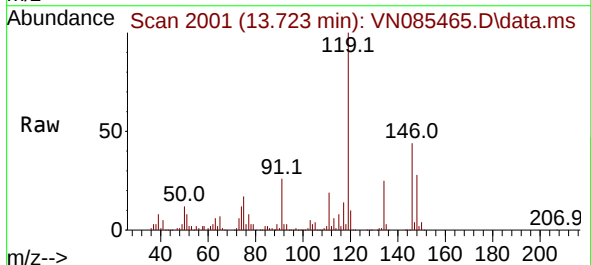
Instrument :
 MSVOA_N
 ClientSampleId :

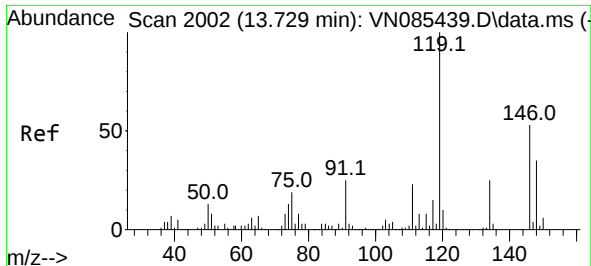
Tgt Ion:105 Resp: 555200
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.156 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion:119 Resp: 461811
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.0
 91 25.2 12.7 38.1

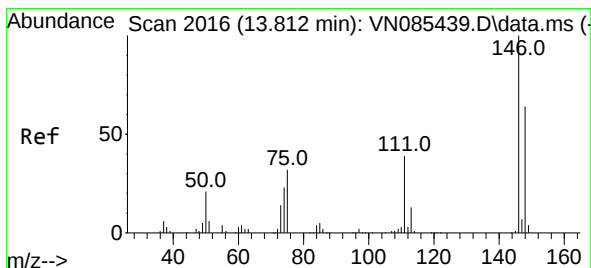
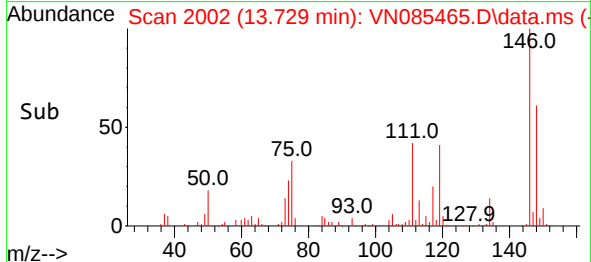
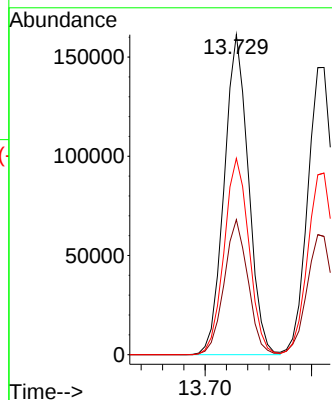
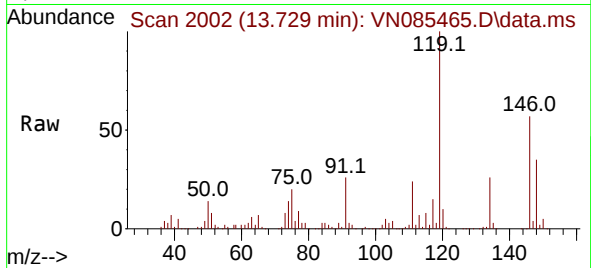




#87
 1,3-Dichlorobenzene
 Concen: 50.869 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

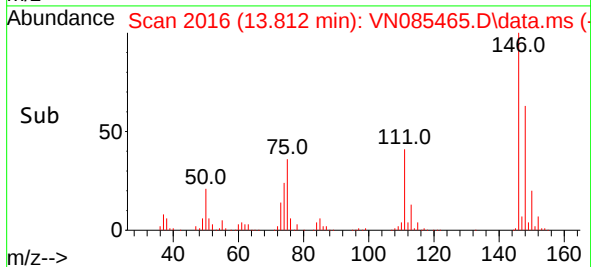
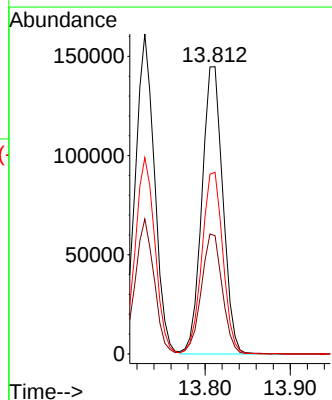
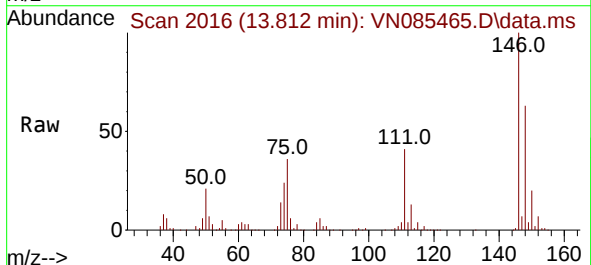
Instrument :
 MSVOA_N
 ClientSampleId :

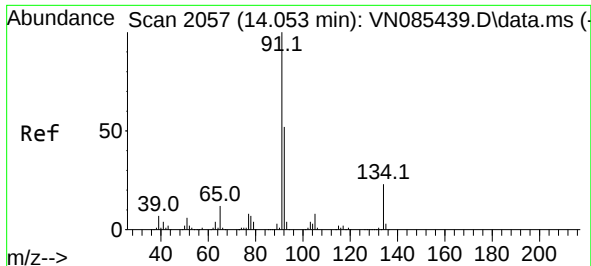
Tgt Ion:146 Resp: 254498
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.4 64.3
 148 62.9 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 47.693 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085465.D
 Acq: 16 Jan 2025 12:30

Tgt Ion:146 Resp: 247321
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.7
 148 63.4 32.4 97.0

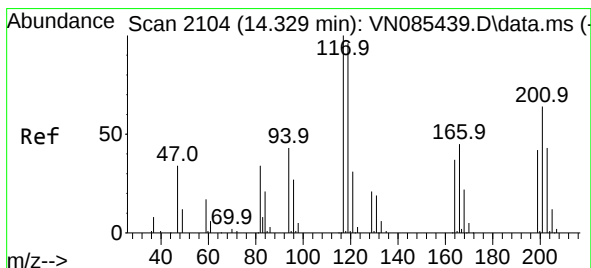
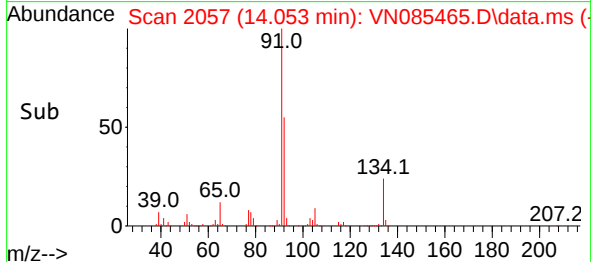
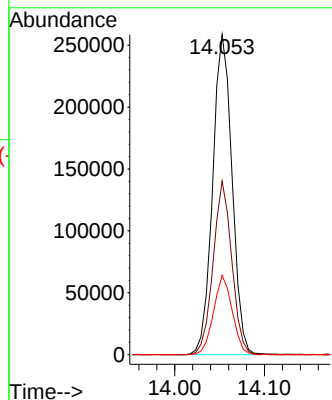
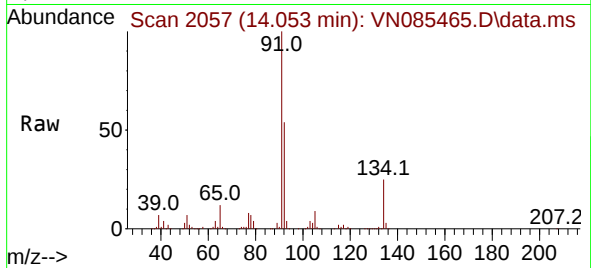




#89
n-Butylbenzene
Concen: 54.107 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

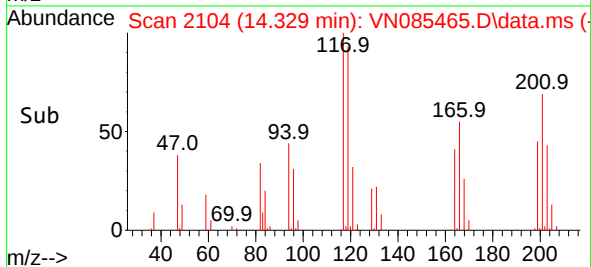
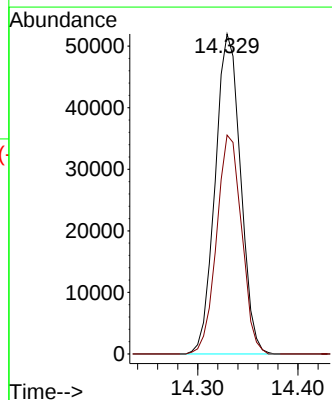
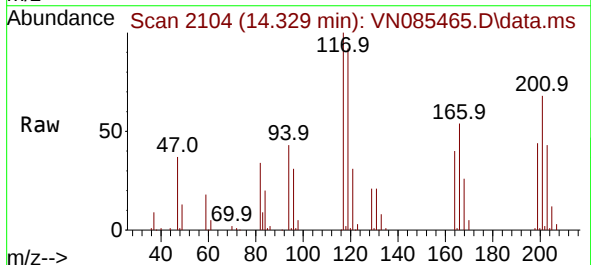
Instrument :
MSVOA_N
ClientSampleId :

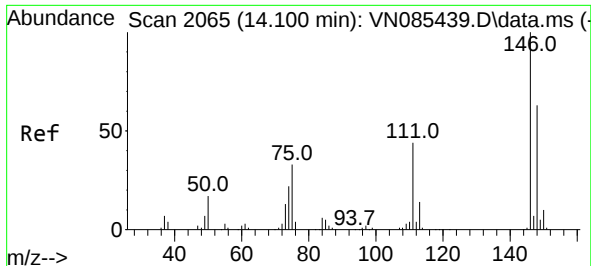
Tgt Ion: 91 Resp: 388032
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 23.9 11.7 35.1



#90
Hexachloroethane
Concen: 47.911 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 117 Resp: 91177
Ion Ratio Lower Upper
117 100
201 67.5 33.7 101.0

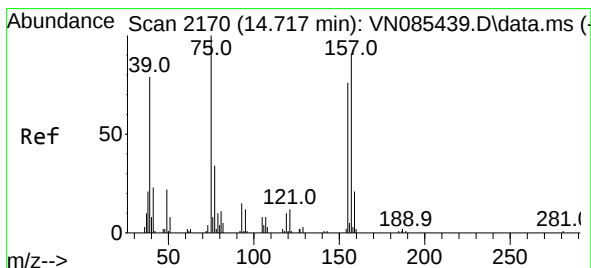
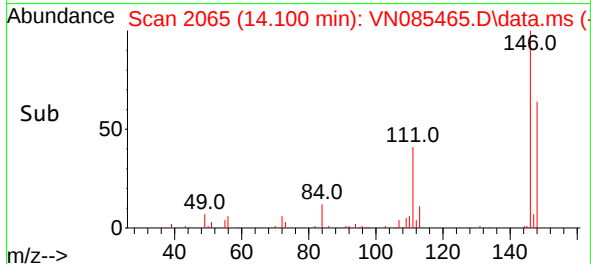
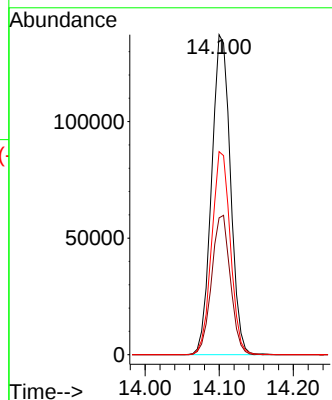
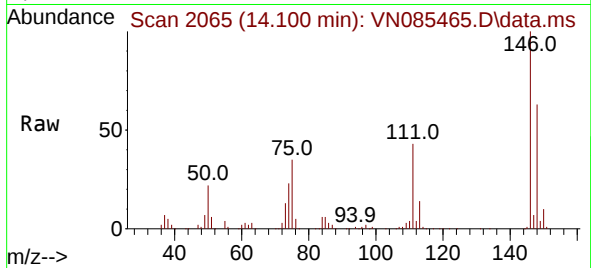




#91
1,2-Dichlorobenzene
Concen: 48.449 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

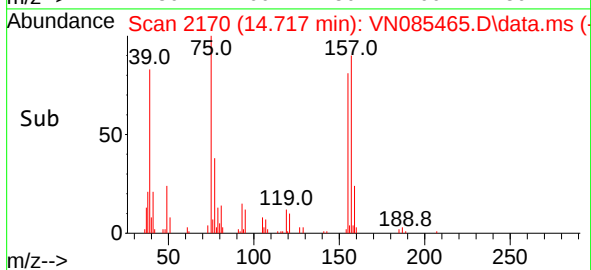
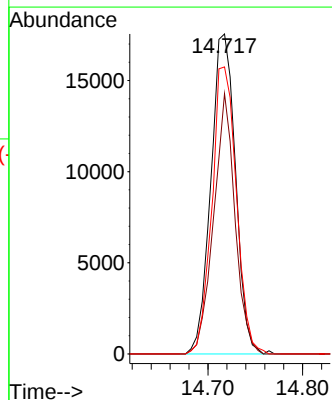
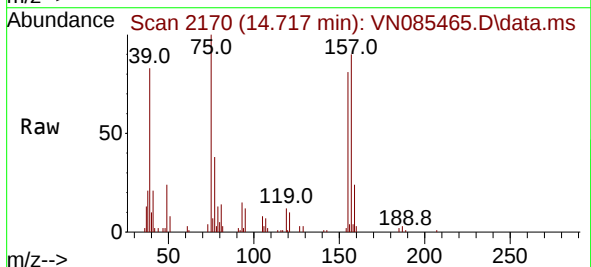
Instrument :
MSVOA_N
ClientSampleId :

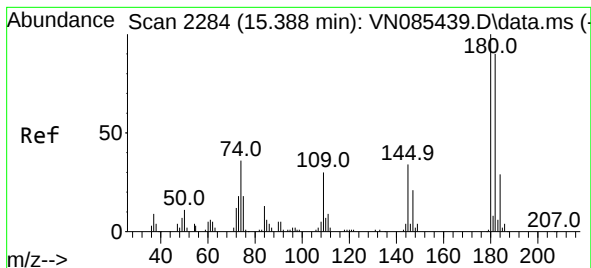
Tgt Ion:146 Resp: 241778
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 62.9 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.231 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085465.D
Acq: 16 Jan 2025 12:30

Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
155 70.8 36.4 109.2
157 89.3 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.009 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

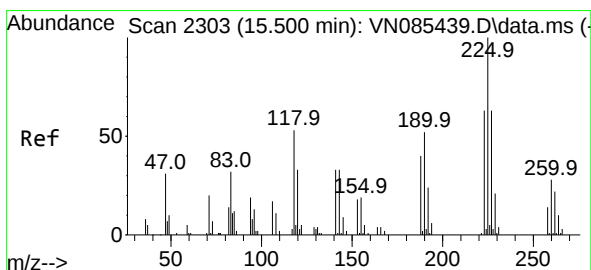
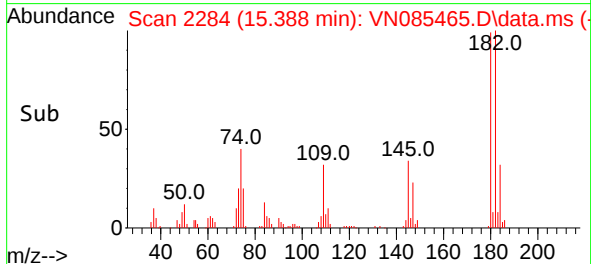
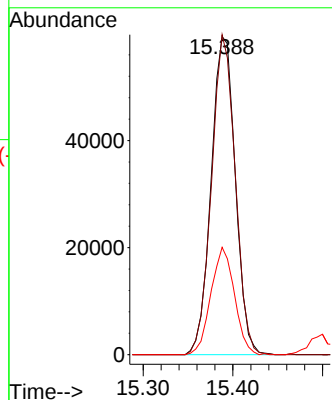
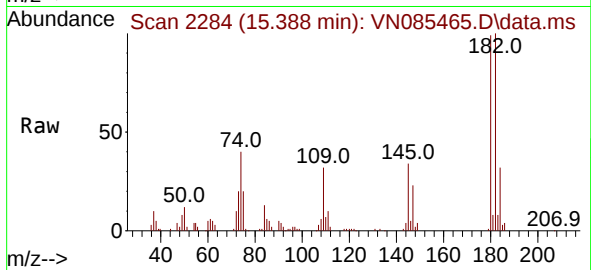
Tgt Ion:180 Resp: 111351

Ion Ratio Lower Upper

180 100

182 98.2 46.8 140.3

145 32.9 16.0 48.0



#94

Hexachlorobutadiene

Concen: 44.665 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

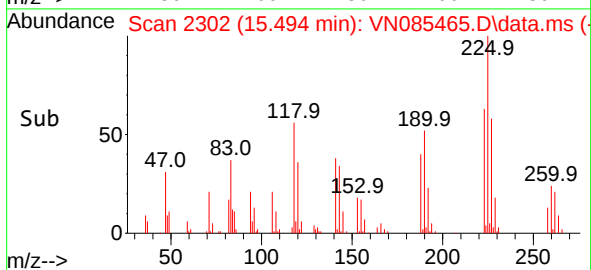
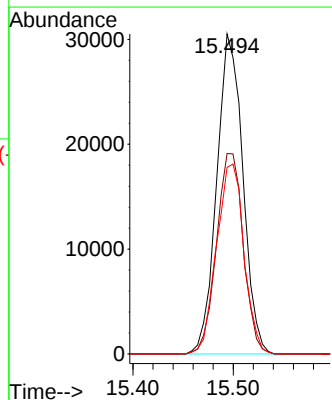
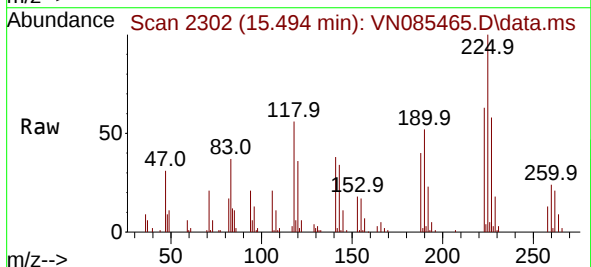
Tgt Ion:225 Resp: 54999

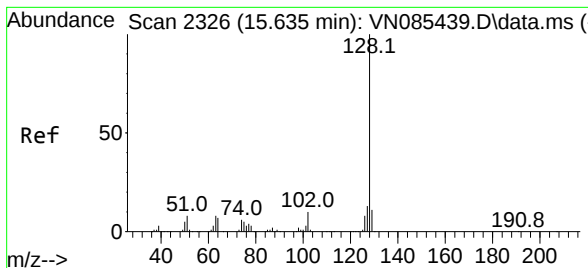
Ion Ratio Lower Upper

225 100

223 64.1 30.7 92.1

227 62.5 30.9 92.5





#95

Naphthalene

Concen: 48.699 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

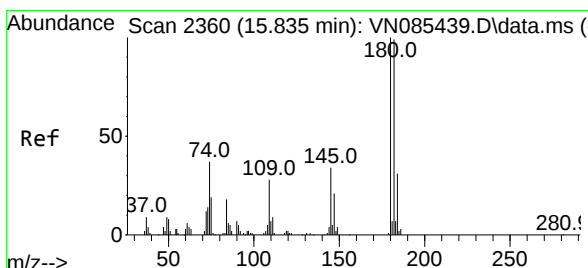
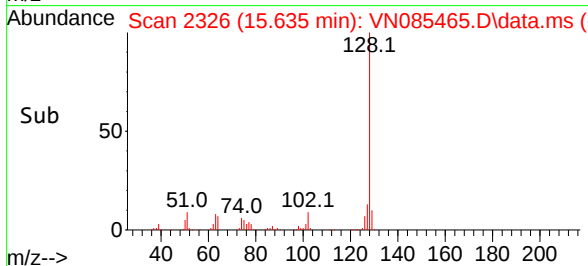
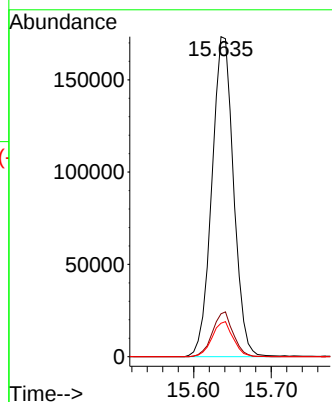
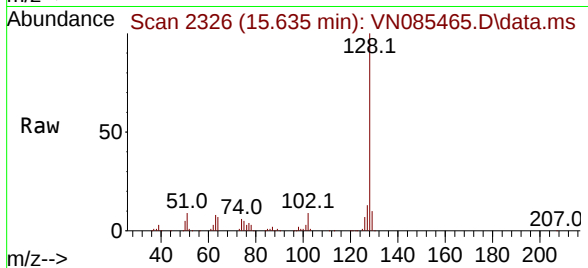
Tgt Ion:128 Resp: 337055

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.941 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085465.D

Acq: 16 Jan 2025 12:30

Tgt Ion:180 Resp: 110163

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

145 35.1 16.9 50.7

