

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075666.D
 Acq On : 09 Dec 2022 13:45
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 08:18:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	216076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	309269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43712	19.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.140%#		
35) Dibromofluoromethane	8.171	113	39205	18.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.680%#		
50) Toluene-d8	10.571	98	149820	19.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.340%#		
62) 4-Bromofluorobenzene	12.853	95	49978	18.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	29829	18.770	ug/l	97
3) Chloromethane	2.371	50	35688	18.848	ug/l	95
4) Vinyl Chloride	2.524	62	44528	19.145	ug/l	98
5) Bromomethane	2.954	94	37487	18.924	ug/l	96
6) Chloroethane	3.124	64	34584	19.929	ug/l	95
7) Trichlorofluoromethane	3.506	101	65987	19.555	ug/l	94
8) Diethyl Ether	3.971	74	23387	18.957	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	38086	19.231	ug/l	99
10) Methyl Iodide	4.600	142	64088	19.803	ug/l	98
11) Tert butyl alcohol	5.530	59	32168	94.844	ug/l	99
12) 1,1-Dichloroethene	4.359	96	36475	19.705	ug/l	91
13) Acrolein	4.195	56	38384	98.264	ug/l	99
14) Allyl chloride	5.042	41	40954	17.766	ug/l	98
15) Acrylonitrile	5.736	53	85455	97.543	ug/l	97
16) Acetone	4.442	43	76119	98.040	ug/l	100
17) Carbon Disulfide	4.724	76	92195	18.823	ug/l	100
18) Methyl Acetate	5.042	43	46250	18.538	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	124589	20.009	ug/l	97
20) Methylene Chloride	5.289	84	42065	18.174	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	40674	19.662	ug/l	95
22) Diisopropyl ether	6.683	45	106476	20.301	ug/l	95
23) Vinyl Acetate	6.612	43	399884	99.987	ug/l	99
24) 1,1-Dichloroethane	6.583	63	67541	19.563	ug/l	99
25) 2-Butanone	7.489	43	110491	97.349	ug/l	97
26) 2,2-Dichloropropane	7.494	77	58635	19.914	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	48493	19.310	ug/l	98
28) Bromochloromethane	7.824	49	29063	21.054	ug/l	99
29) Tetrahydrofuran	7.847	42	70201	100.348	ug/l	98
30) Chloroform	7.971	83	76933	20.118	ug/l	99
31) Cyclohexane	8.265	56	65251	19.223	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	71156	20.169	ug/l	95
36) 1,1-Dichloropropene	8.377	75	56312	20.383	ug/l	99
37) Ethyl Acetate	7.565	43	47042	21.208	ug/l	96
38) Carbon Tetrachloride	8.365	117	62888	19.726	ug/l	99
39) Methylcyclohexane	9.606	83	72003	20.553	ug/l	99
40) Benzene	8.612	78	169272	19.964	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21962	19.309	ug/l	95
42) 1,2-Dichloroethane	8.677	62	56114	19.784	ug/l	100
43) Isopropyl Acetate	8.694	43	73943	19.968	ug/l	99
44) Trichloroethene	9.359	130	47064	19.676	ug/l	95
45) 1,2-Dichloropropane	9.624	63	39383	19.530	ug/l	99
46) Dibromomethane	9.712	93	30642	20.239	ug/l	98
47) Bromodichloromethane	9.888	83	59770	20.135	ug/l	89
48) Methyl methacrylate	9.682	41	34103	19.995	ug/l	99
49) 1,4-Dioxane	9.694	88	17239	415.808	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	232251	101.711	ug/l	99
52) Toluene	10.635	92	113431	20.240	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	60059	20.486	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	65430	20.060	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	45034	20.438	ug/l	97
56) Ethyl methacrylate	10.877	69	61083	20.458	ug/l	98
57) 1,3-Dichloropropane	11.165	76	72249	20.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	88513	100.406	ug/l	100
59) 2-Hexanone	11.200	43	168176	101.375	ug/l	100
60) Dibromochloromethane	11.365	129	48526	20.013	ug/l	97
61) 1,2-Dibromoethane	11.471	107	45871	19.870	ug/l	99
64) Tetrachloroethene	11.106	164	43060	19.115	ug/l	89
65) Chlorobenzene	11.894	112	123386	19.390	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	45768	19.769	ug/l	98
67) Ethyl Benzene	11.965	91	215506	20.020	ug/l	98
68) m/p-Xylenes	12.076	106	172588	39.679	ug/l	99
69) o-Xylene	12.400	106	86407	20.472	ug/l	99
70) Styrene	12.412	104	140444	20.746	ug/l	98
71) Bromoform	12.582	173	36507	20.803	ug/l #	100
73) Isopropylbenzene	12.700	105	220854	19.960	ug/l	99
74) N-amyl acetate	12.494	43	63094	19.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	64297	19.344	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	74908	24.204	ug/l	75
77) Bromobenzene	12.982	156	54097	19.441	ug/l	100
78) n-propylbenzene	13.035	91	247750	20.178	ug/l	100
79) 2-Chlorotoluene	13.129	91	148014	19.526	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	188503	20.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16787	19.410	ug/l	98
82) 4-Chlorotoluene	13.129	91	148014	19.526	ug/l	98
83) tert-Butylbenzene	13.441	119	167854	20.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	190595	20.499	ug/l	100
85) sec-Butylbenzene	13.618	105	233937	20.284	ug/l	99
86) p-Isopropyltoluene	13.729	119	199474	20.671	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	102529	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	103662	19.584	ug/l	98
89) n-Butylbenzene	14.059	91	153690	19.871	ug/l	99
90) Hexachloroethane	14.335	117	33667	20.368	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	101509	19.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11756	21.524	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	50196	20.190	ug/l	99
94) Hexachlorobutadiene	15.506	225	28006	19.855	ug/l	96
95) Naphthalene	15.641	128	142069	19.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48208	19.734	ug/l	97

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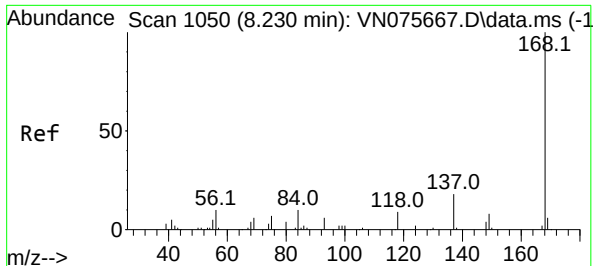
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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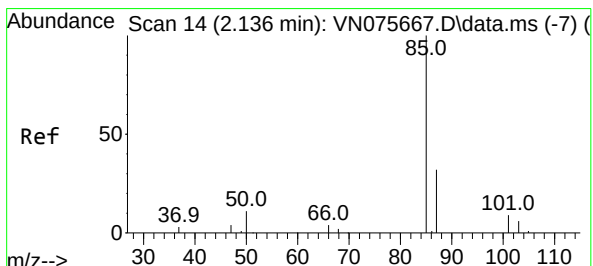
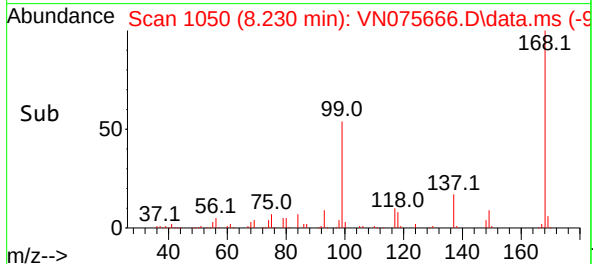
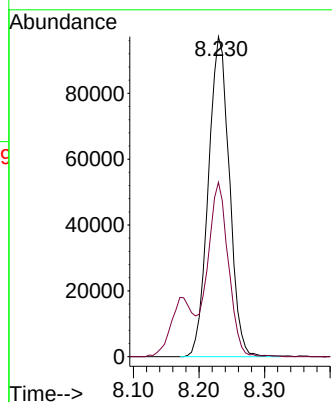
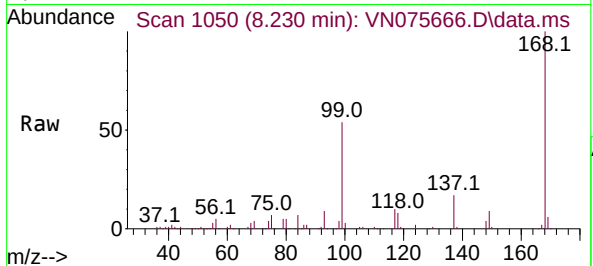




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075666.D
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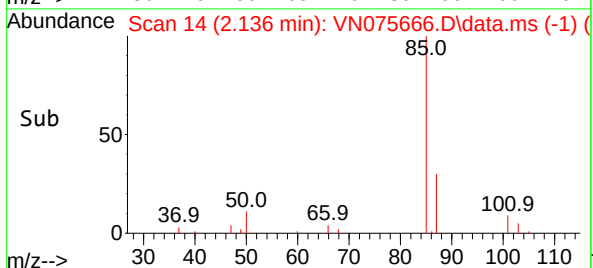
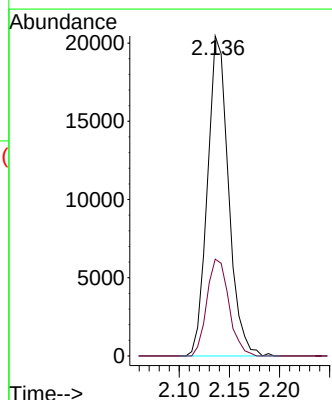
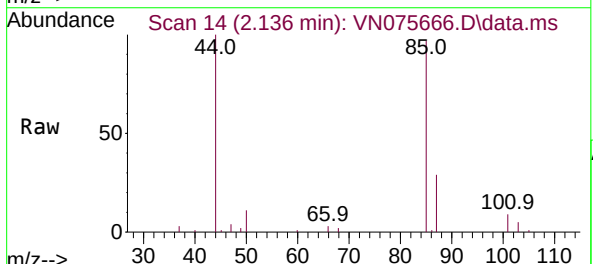
Instrument :
MSVOA_N
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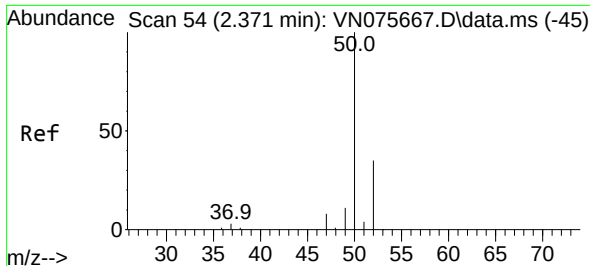
Tgt Ion:168 Resp: 216076
Ion Ratio Lower Upper
168 100
99 54.3 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 18.770 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 85 Resp: 29829
Ion Ratio Lower Upper
85 100
87 30.2 16.1 48.2

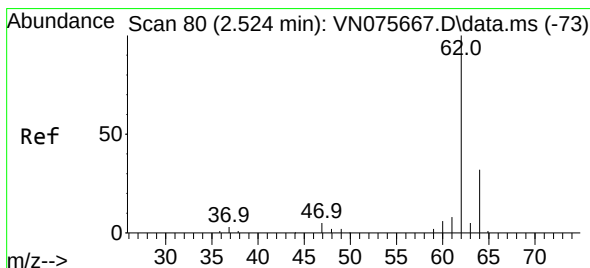
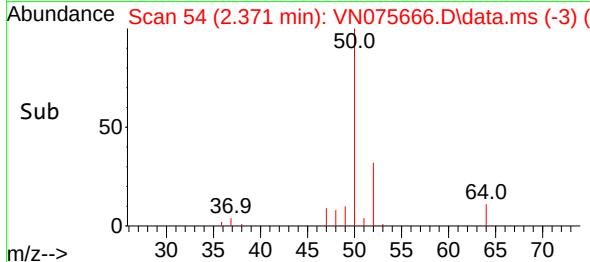
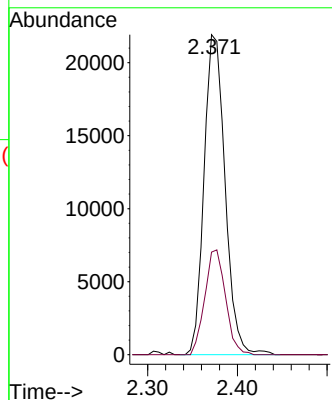
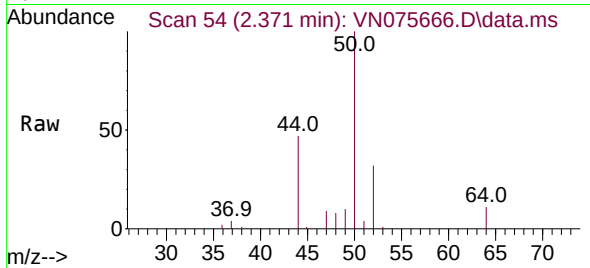




#3
Chloromethane
Concen: 18.848 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

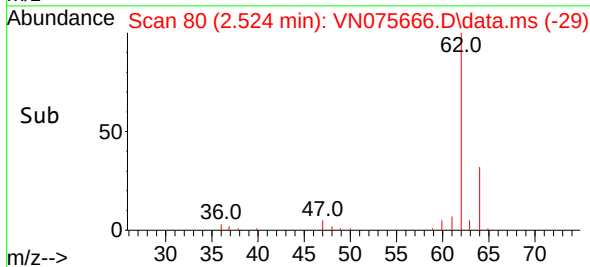
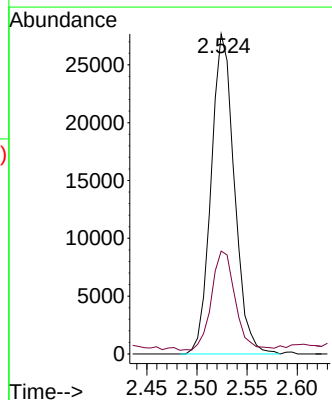
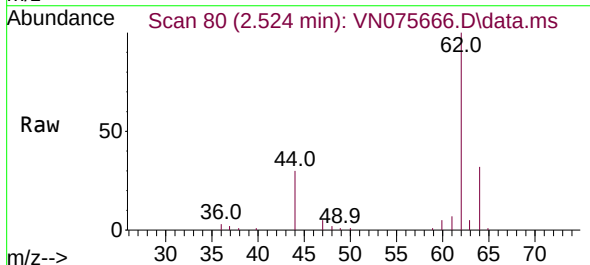
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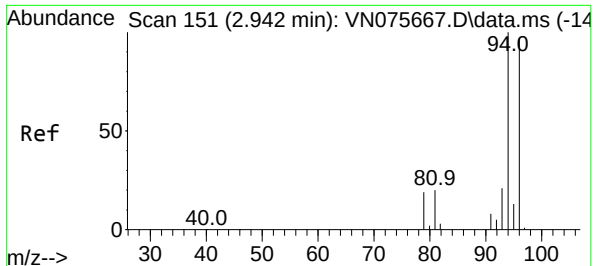
Tgt Ion: 50 Resp: 35688
Ion Ratio Lower Upper
50 100
52 32.1 27.9 41.9



#4
Vinyl Chloride
Concen: 19.145 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 62 Resp: 44528
Ion Ratio Lower Upper
62 100
64 31.0 25.9 38.9

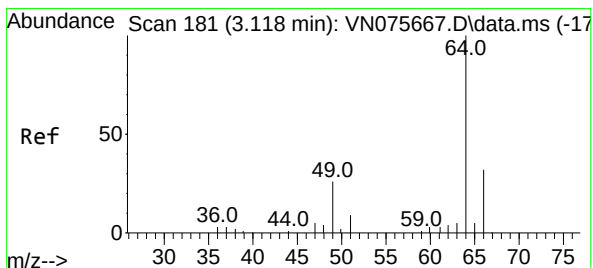
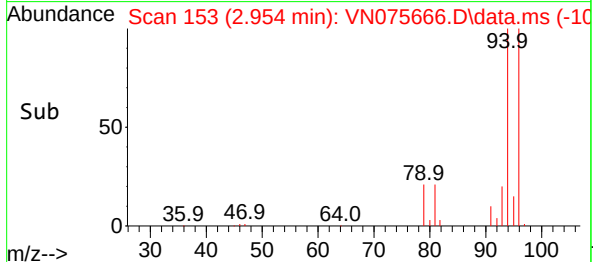
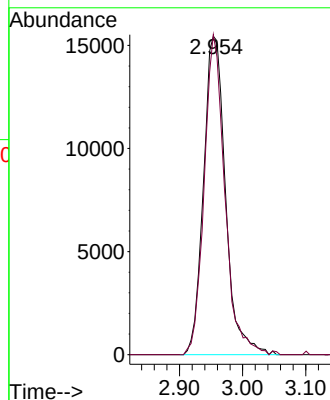
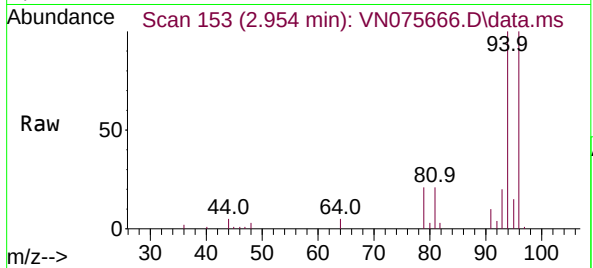




#5
Bromomethane
Concen: 18.924 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

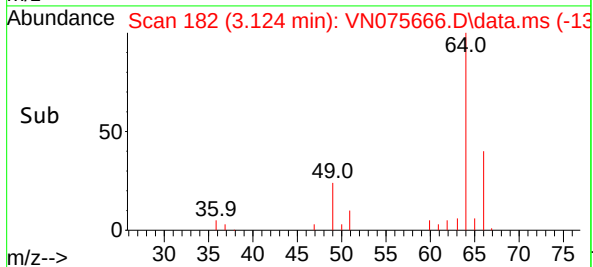
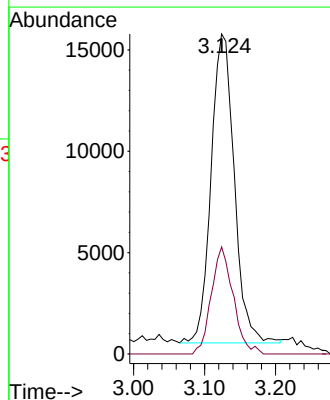
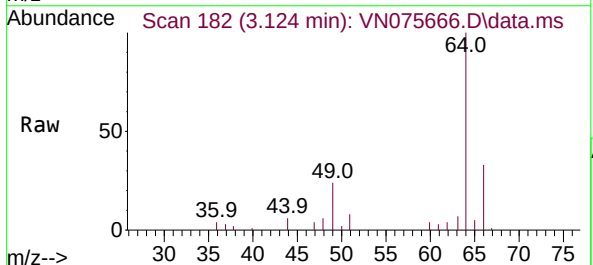
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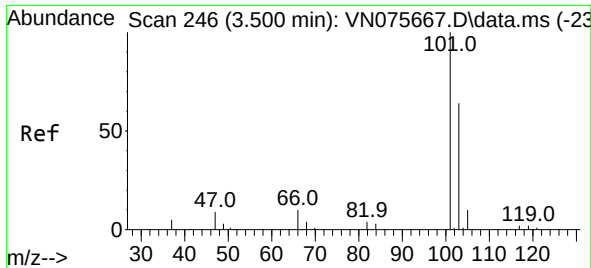
Tgt Ion: 94 Resp: 37487
Ion Ratio Lower Upper
94 100
96 100.5 77.6 116.4



#6
Chloroethane
Concen: 19.929 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 64 Resp: 34584
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5

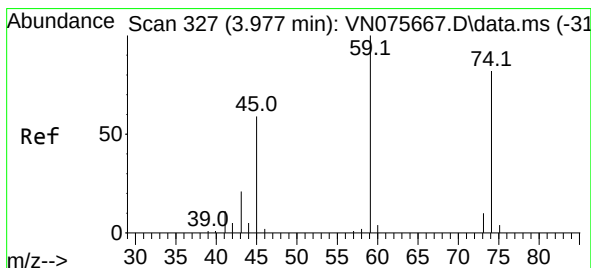
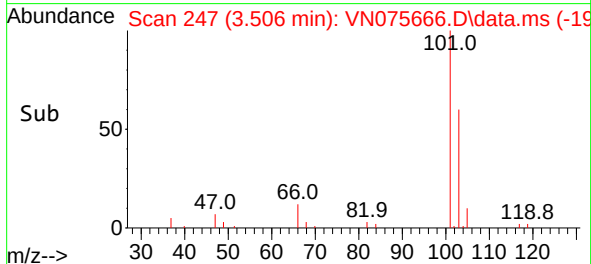
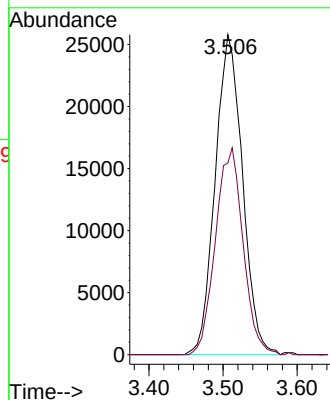
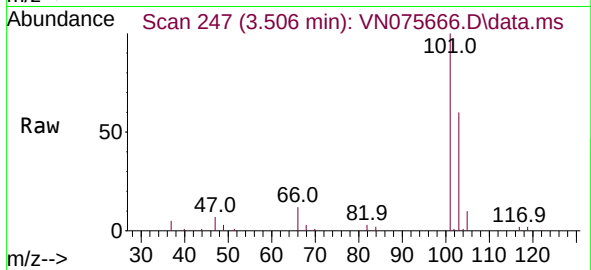




#7
 Trichlorofluoromethane
 Concen: 19.555 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

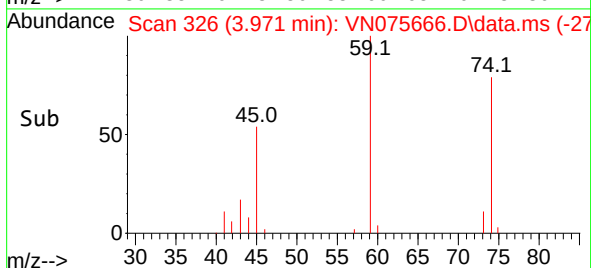
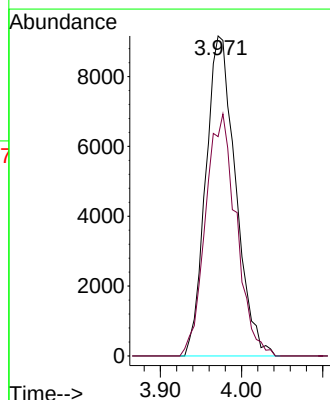
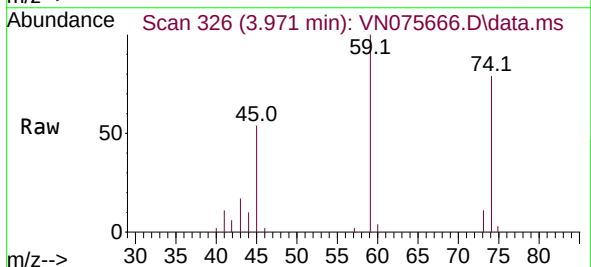
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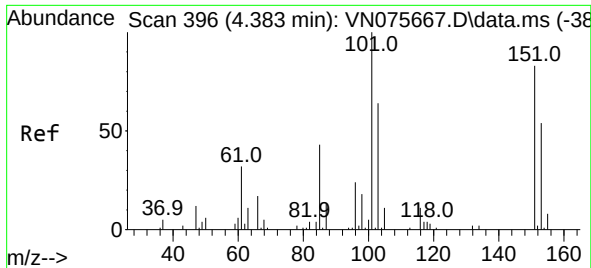
Tgt Ion:101 Resp: 65987
 Ion Ratio Lower Upper
 101 100
 103 59.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 18.957 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion: 74 Resp: 23387
 Ion Ratio Lower Upper
 74 100
 45 78.1 36.8 110.4

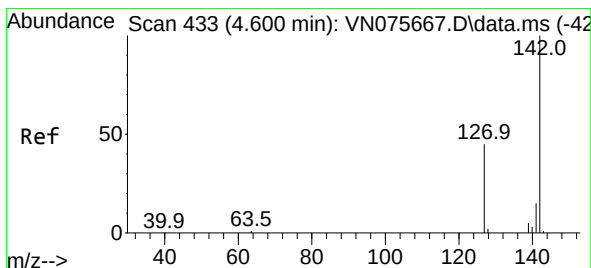
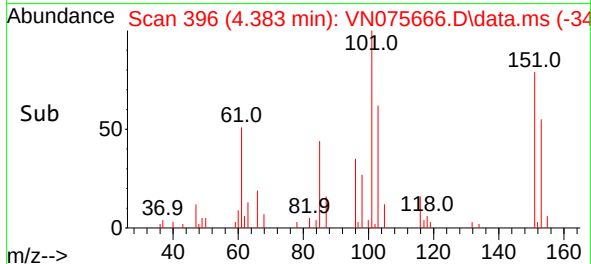
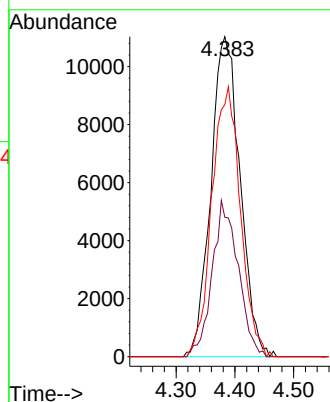
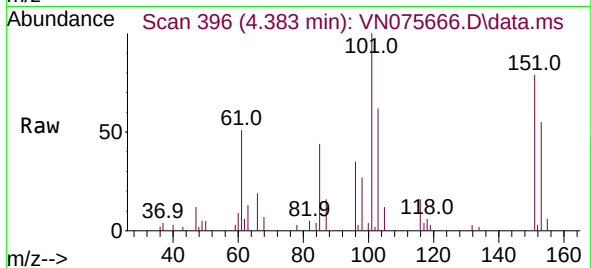




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.231 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

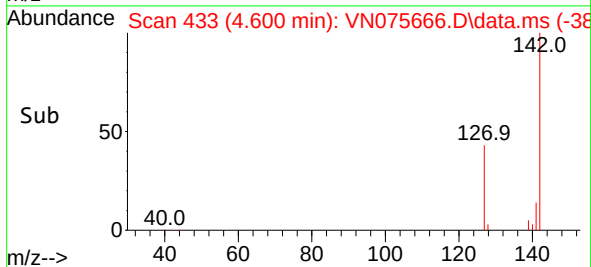
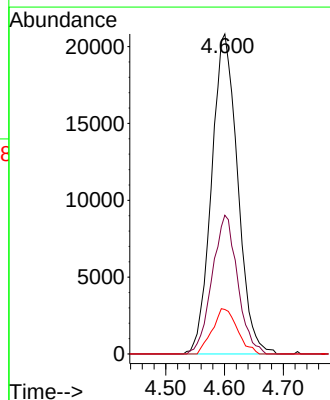
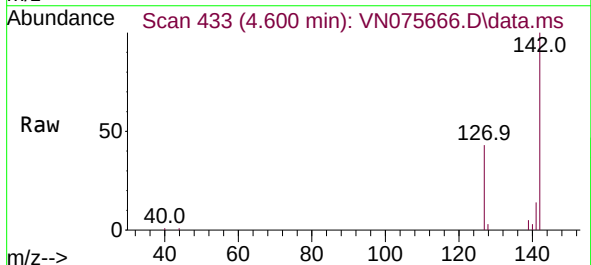
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MSVOA_N
ClientSampleId :

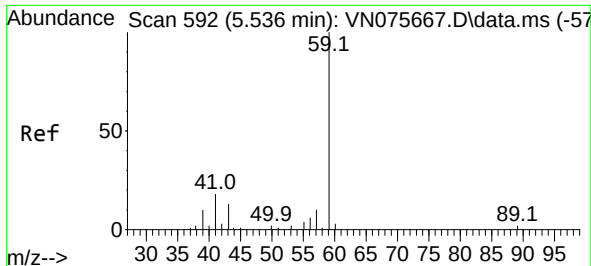
Tgt Ion:101 Resp: 38086
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 82.5 65.6 98.4



#10
Methyl Iodide
Concen: 19.803 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:142 Resp: 64088
Ion Ratio Lower Upper
142 100
127 42.4 35.0 52.4
141 13.6 11.4 17.2

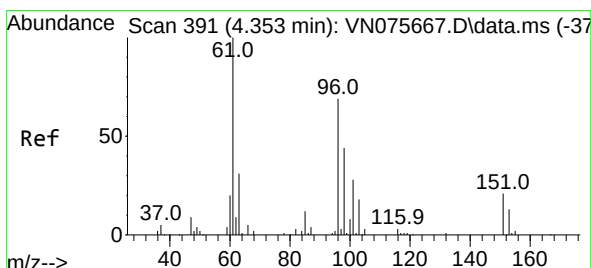
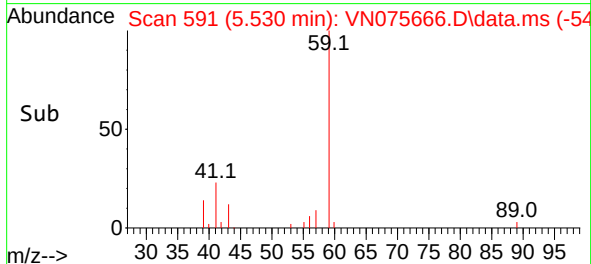
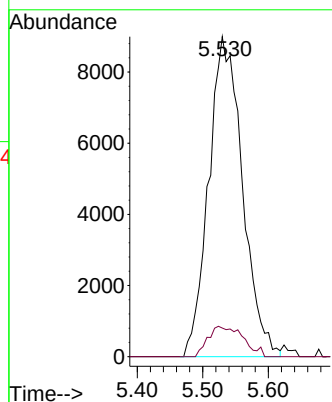
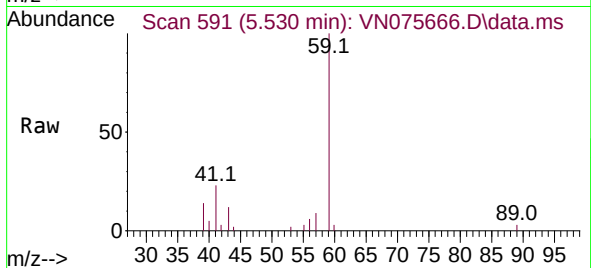




#11
Tert butyl alcohol
Concen: 94.844 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

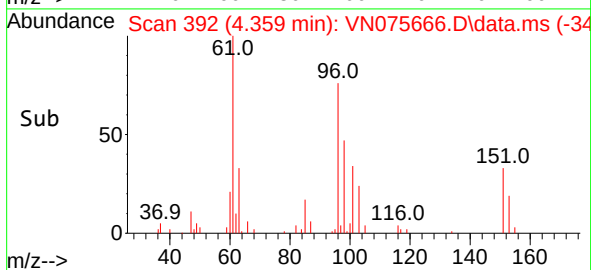
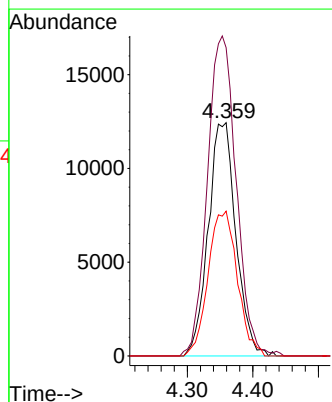
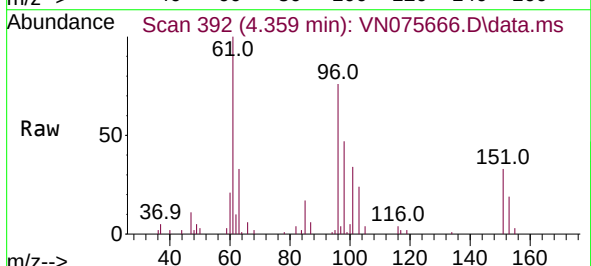
Instrument :
MSVOA_N
ClientSampleId :

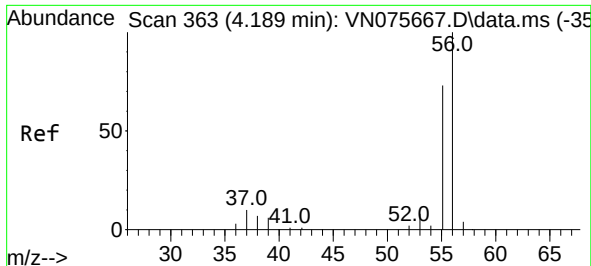
Tgt Ion: 59 Resp: 32168
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.705 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 96 Resp: 36475
Ion Ratio Lower Upper
96 100
61 132.2 116.8 175.2
98 62.1 51.6 77.4





#13

Acrolein

Concen: 98.264 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

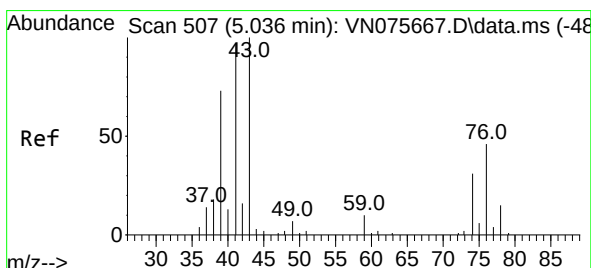
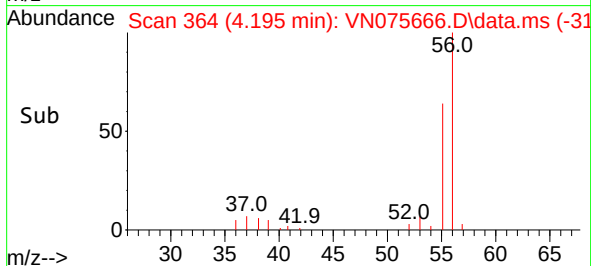
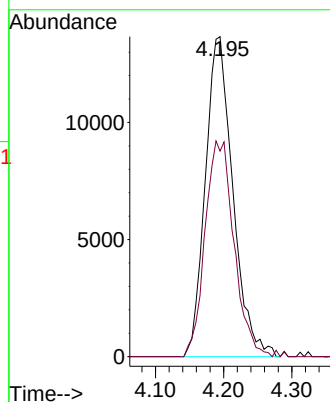
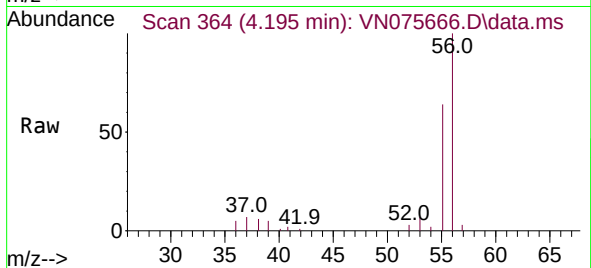
ClientSampleId :

Tgt Ion: 56 Resp: 38384

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 17.766 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

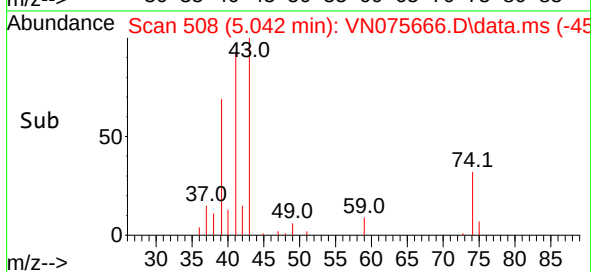
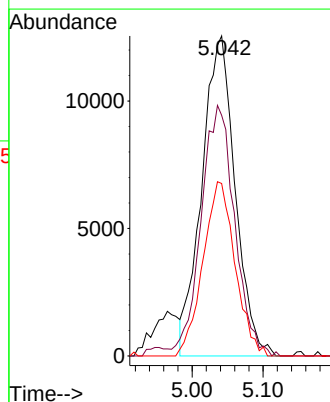
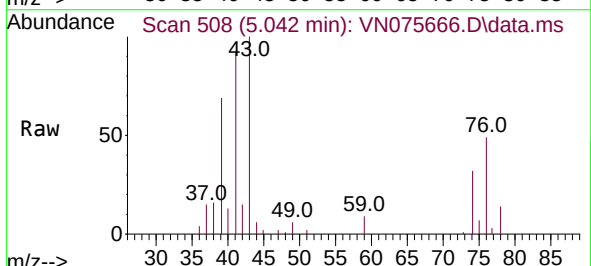
Tgt Ion: 41 Resp: 40954

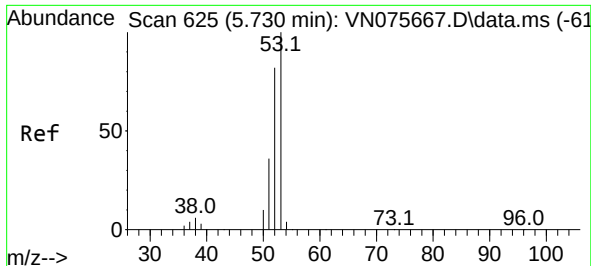
Ion Ratio Lower Upper

41 100

39 78.8 64.6 96.8

76 52.3 40.9 61.3

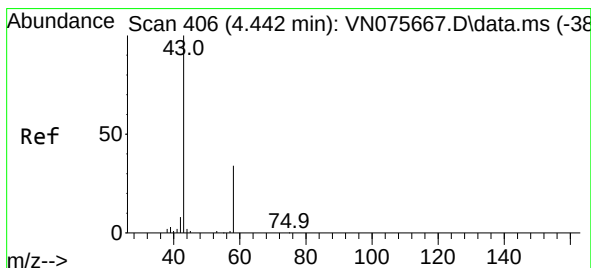
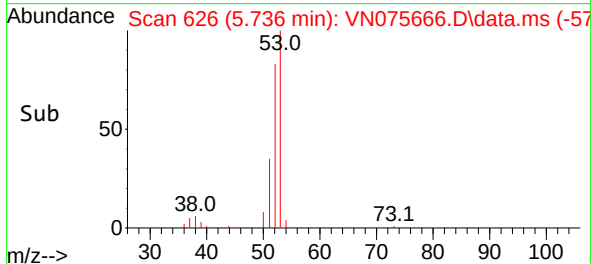
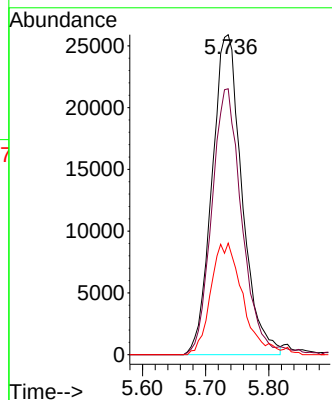
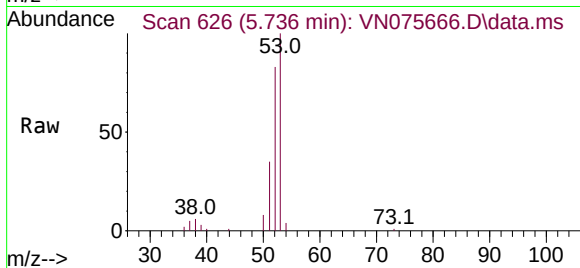




#15
Acrylonitrile
Concen: 97.543 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

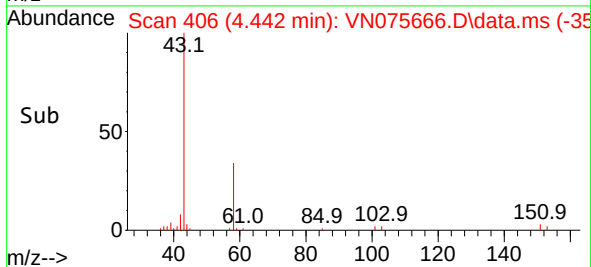
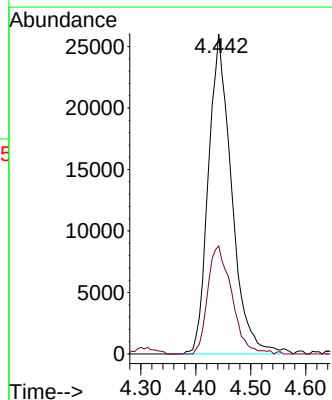
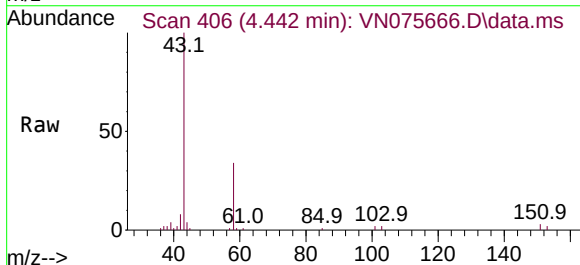
Instrument :
MSVOA_N
ClientSampleId :

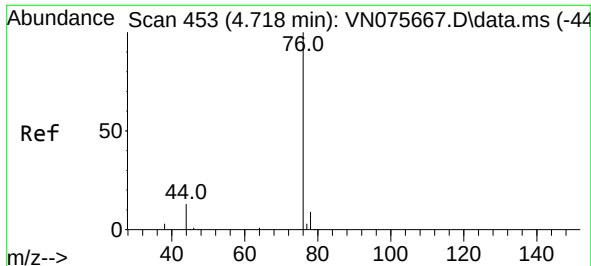
Tgt Ion: 53 Resp: 85455
Ion Ratio Lower Upper
53 100
52 83.9 65.0 97.4
51 37.1 28.9 43.3



#16
Acetone
Concen: 98.040 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 43 Resp: 76119
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.4

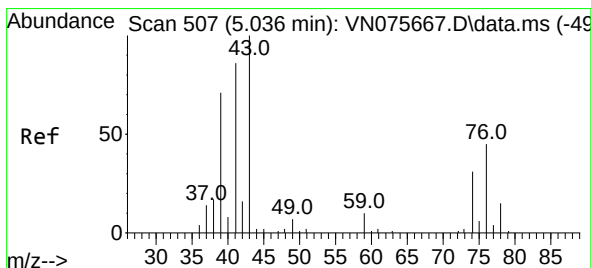
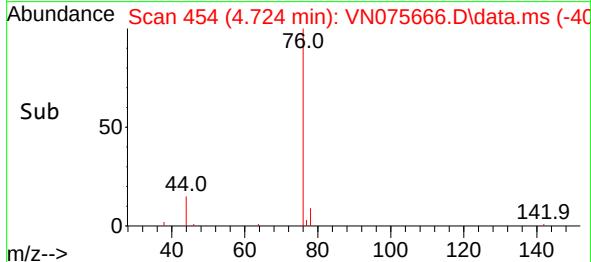
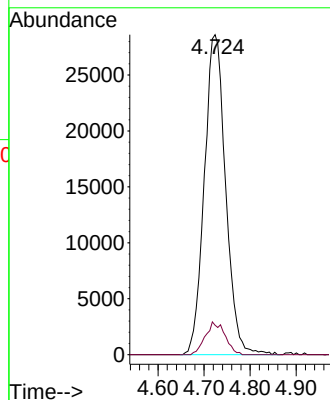
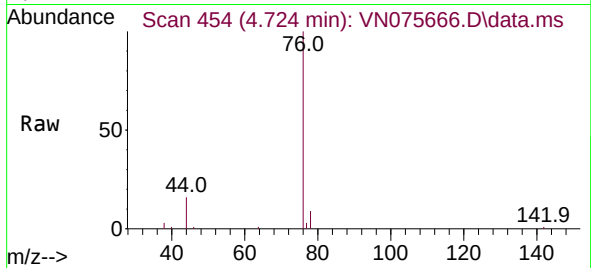




#17
Carbon Disulfide
Concen: 18.823 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

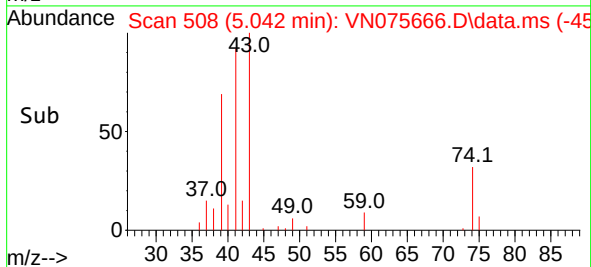
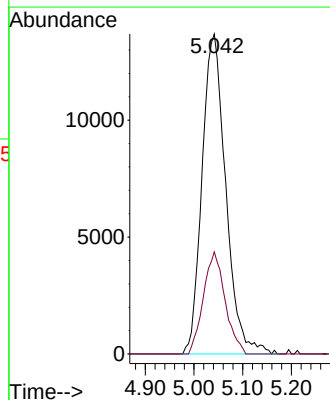
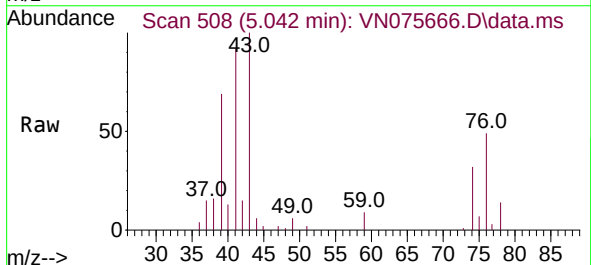
Instrument :
MSVOA_N
ClientSampleId :

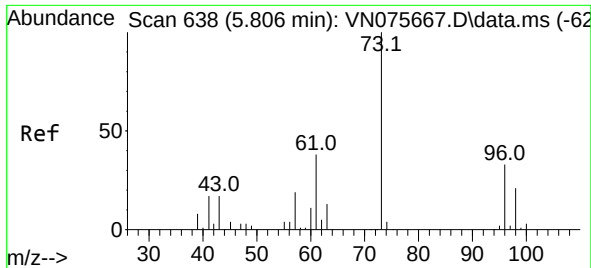
Tgt Ion: 76 Resp: 92195
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 18.538 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 43 Resp: 46250
Ion Ratio Lower Upper
43 100
74 29.1 24.5 36.7

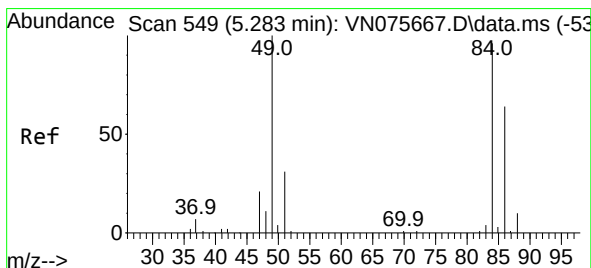
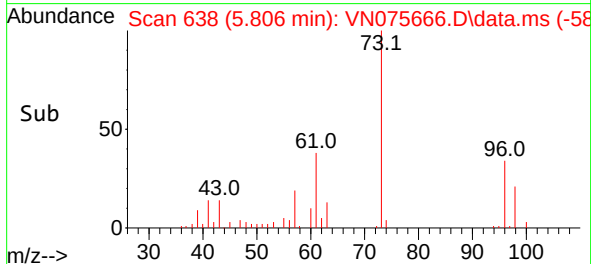
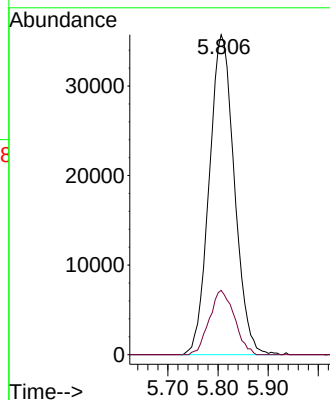
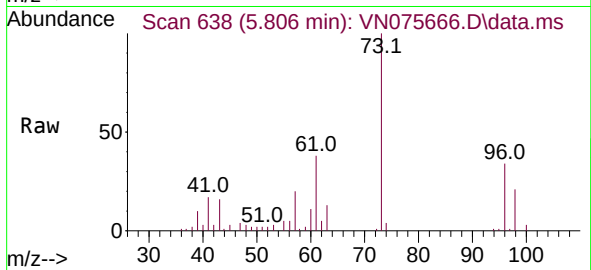




#19
Methyl tert-butyl Ether
Concen: 20.009 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

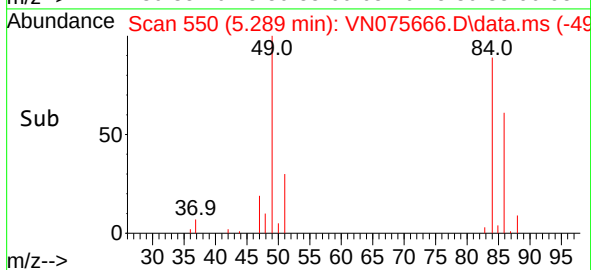
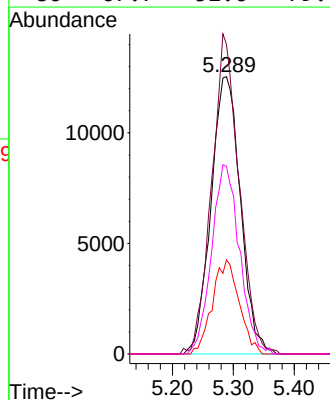
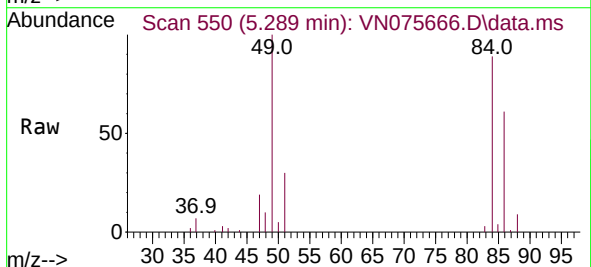
Instrument :
MSVOA_N
ClientSampleId :

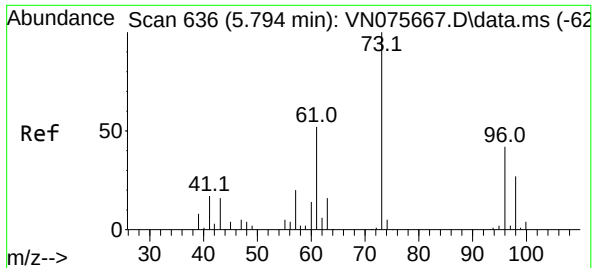
Tgt Ion: 73 Resp: 124589
Ion Ratio Lower Upper
73 100
57 20.1 15.1 22.7



#20
Methylene Chloride
Concen: 18.174 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 84 Resp: 42065
Ion Ratio Lower Upper
84 100
49 111.7 83.0 124.4
51 33.9 26.0 39.0
86 67.7 52.6 79.0

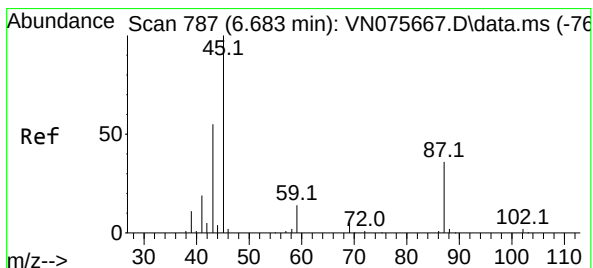
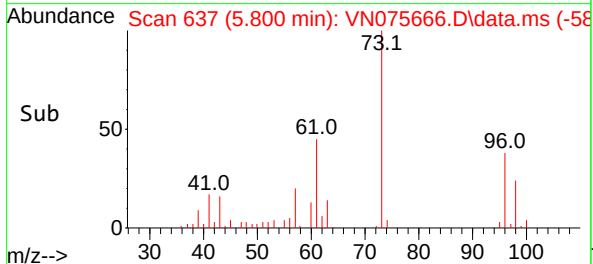
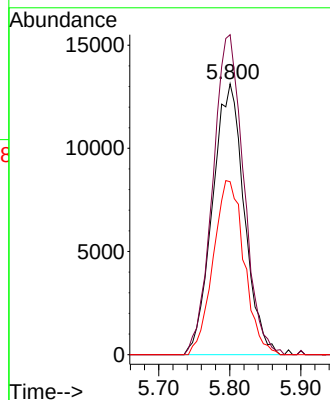
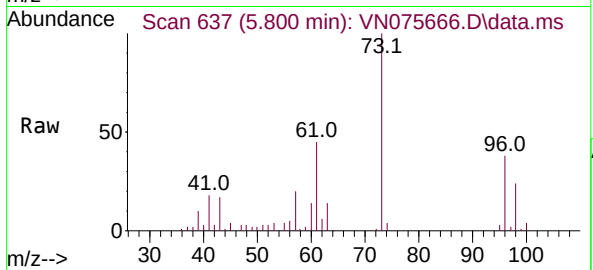




#21
trans-1,2-Dichloroethene
Concen: 19.662 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

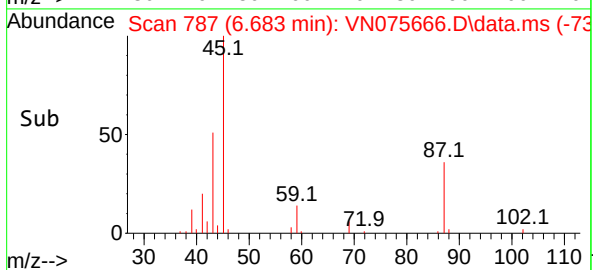
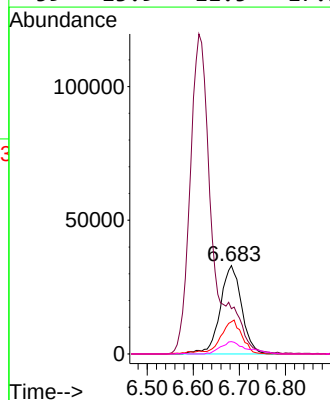
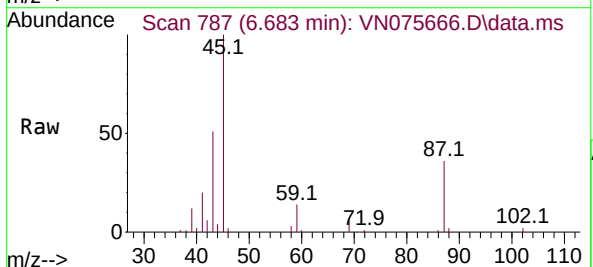
Instrument :
MSVOA_N
ClientSampleId :

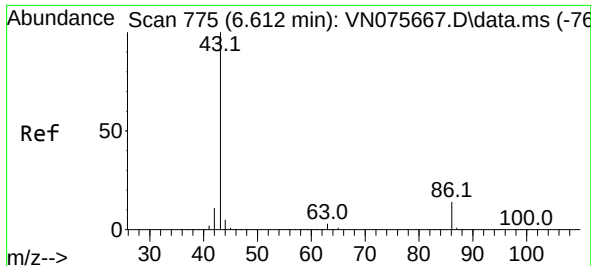
Tgt Ion: 96 Resp: 40674
Ion Ratio Lower Upper
96 100
61 118.1 100.5 150.7
98 63.8 52.7 79.1



#22
Diisopropyl ether
Concen: 20.301 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 45 Resp: 106476
Ion Ratio Lower Upper
45 100
43 50.2 44.9 67.3
87 36.5 28.8 43.2
59 13.9 11.5 17.3

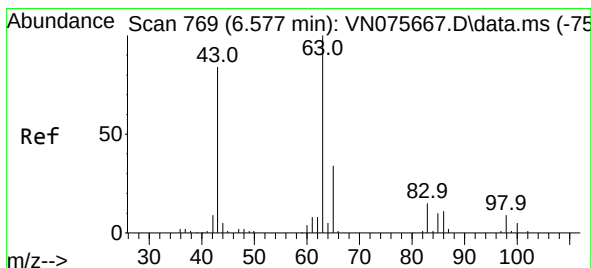
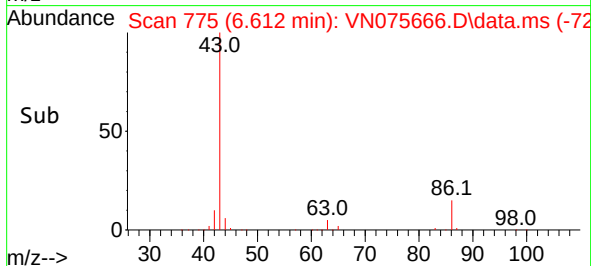
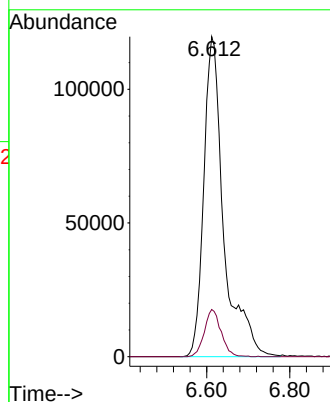
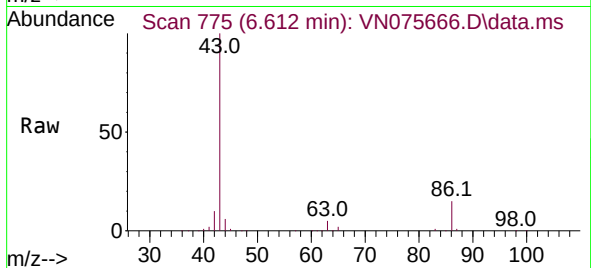




#23
 Vinyl Acetate
 Concen: 99.987 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

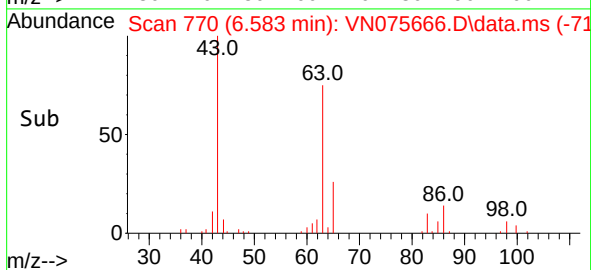
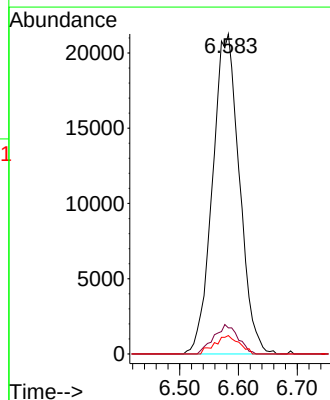
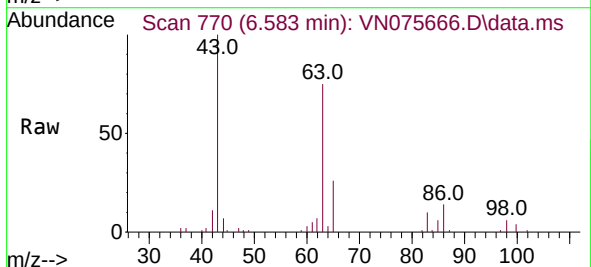
Instrument :
 MSVOA_N
 ClientSampleId :

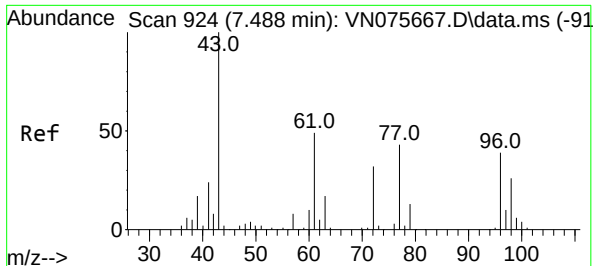
Tgt Ion: 43 Resp: 399884
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 19.563 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion: 63 Resp: 67541
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 12.9
 100 5.7 2.6 7.8





#25

2-Butanone

Concen: 97.349 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

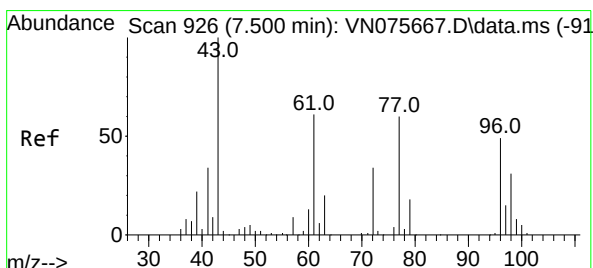
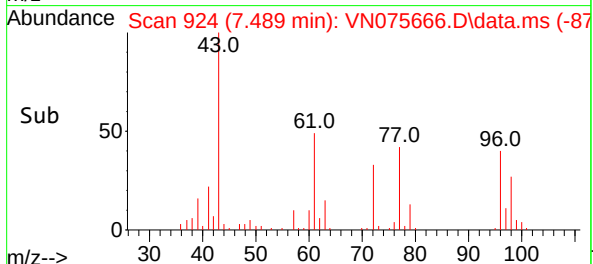
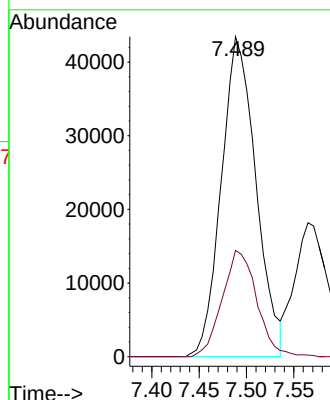
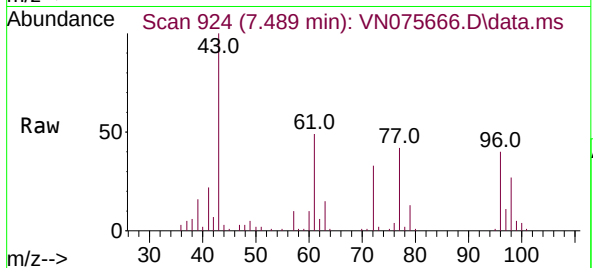
ClientSampleId :

Tgt Ion: 43 Resp: 110491

Ion Ratio Lower Upper

43 100

72 33.2 25.3 37.9



#26

2,2-Dichloropropane

Concen: 19.914 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075666.D

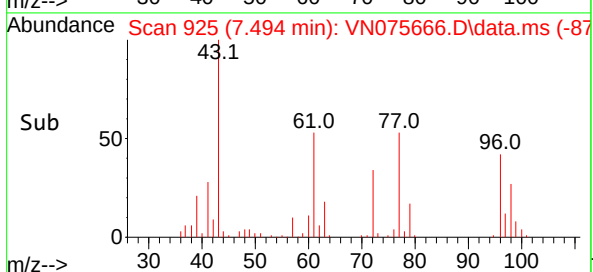
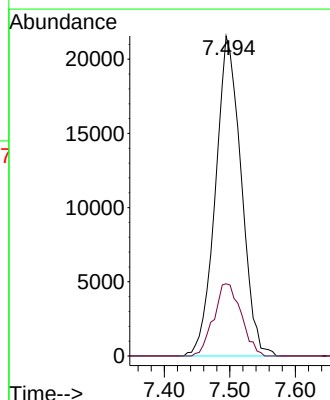
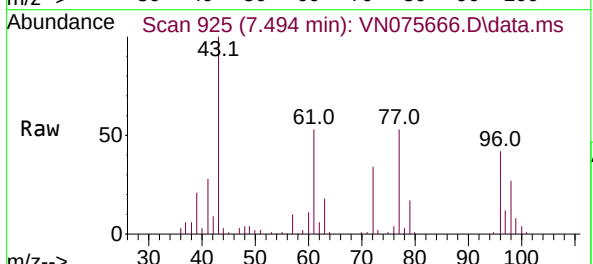
Acq: 09 Dec 2022 13:45

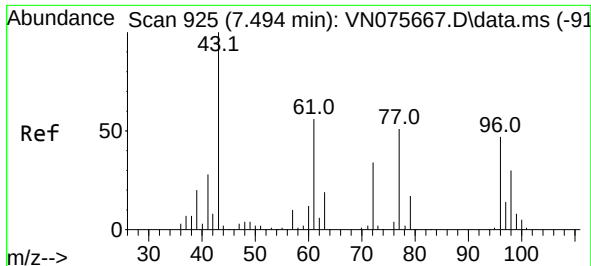
Tgt Ion: 77 Resp: 58635

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 19.310 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

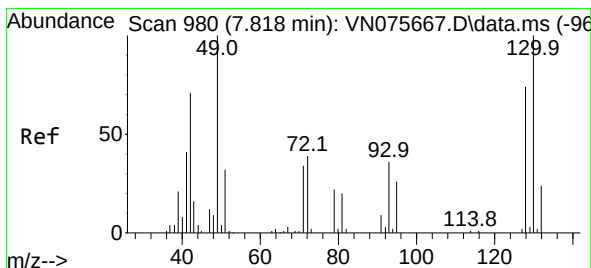
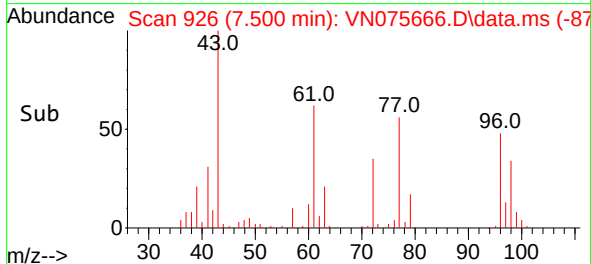
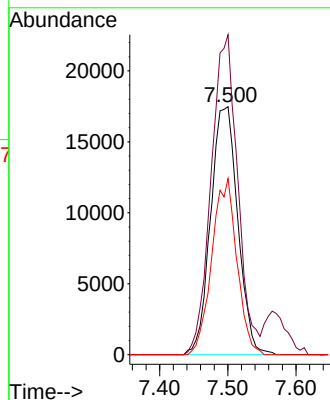
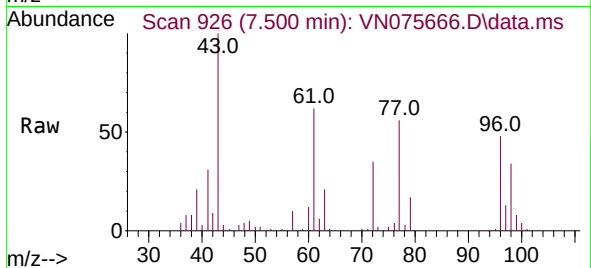
Tgt Ion: 96 Resp: 48493

Ion Ratio Lower Upper

96 100

61 126.1 0.0 247.8

98 65.3 0.0 126.0



#28

Bromochloromethane

Concen: 21.054 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

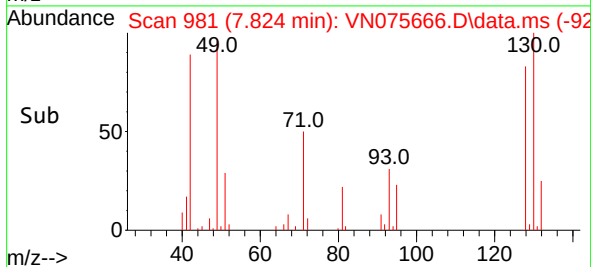
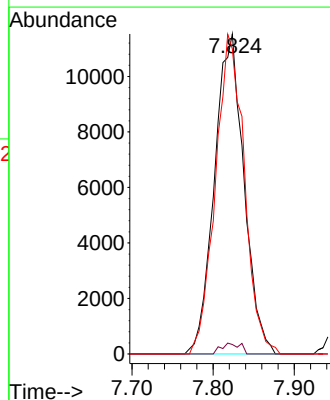
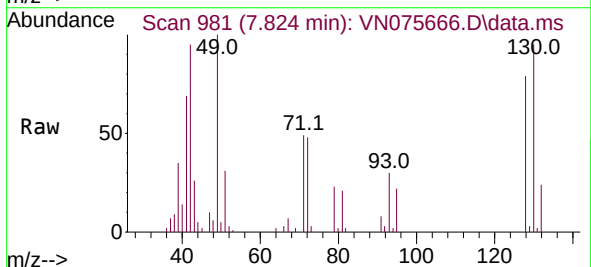
Tgt Ion: 49 Resp: 29063

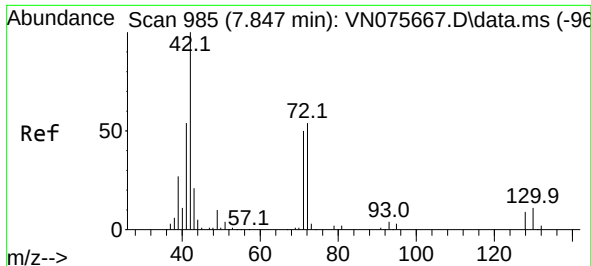
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.4

130 97.6 78.5 117.7





#29

Tetrahydrofuran

Concen: 100.348 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

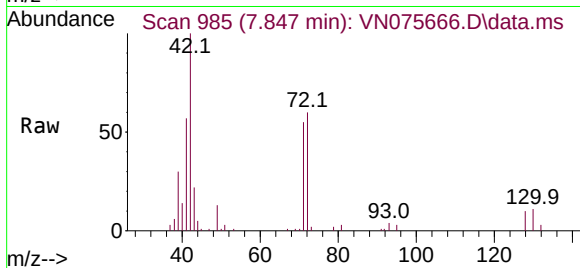
Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

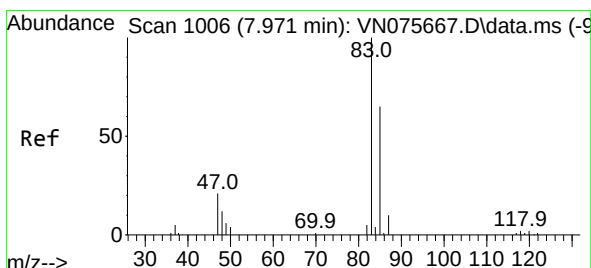
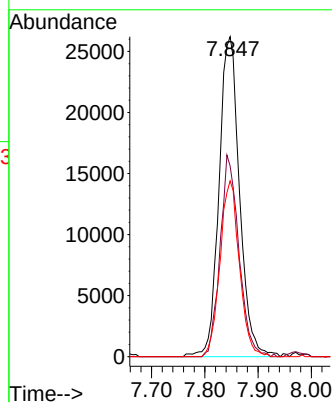
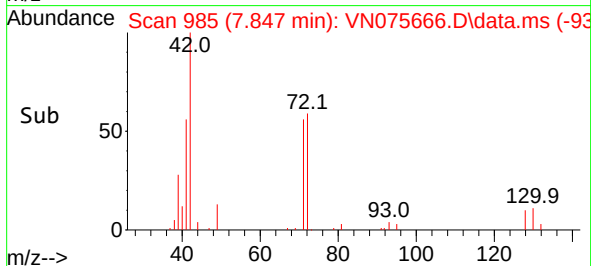
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	70201
Ion	Ratio	Lower	Upper
42	100		
72	57.7	44.6	67.0
71	51.8	41.2	61.8



#30

Chloroform

Concen: 20.118 ug/l

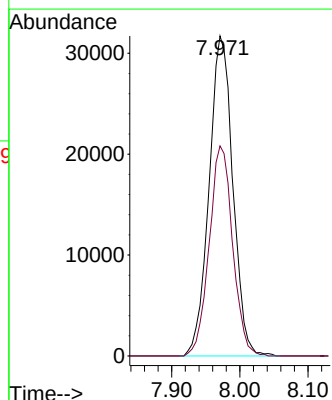
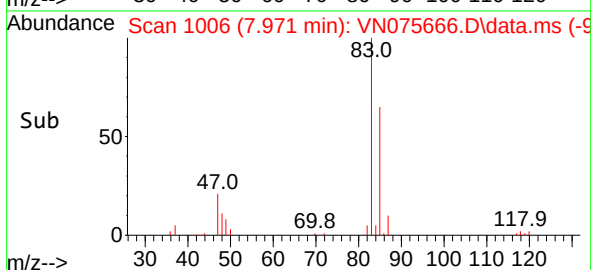
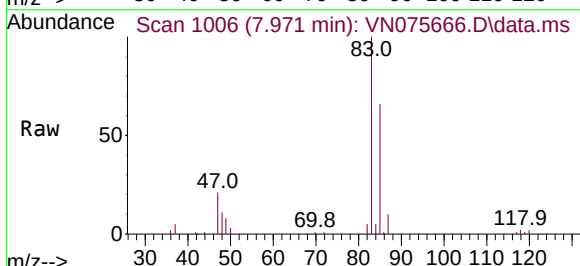
RT: 7.971 min Scan# 1006

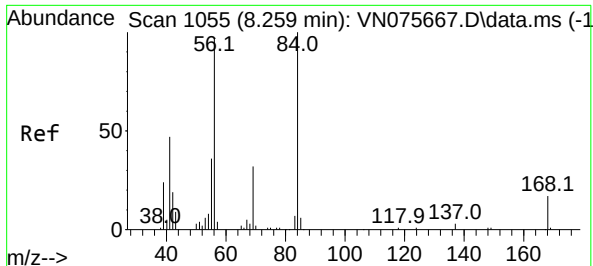
Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

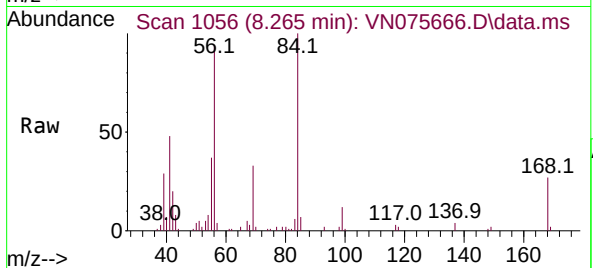
Tgt Ion:	83	Resp:	76933
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6





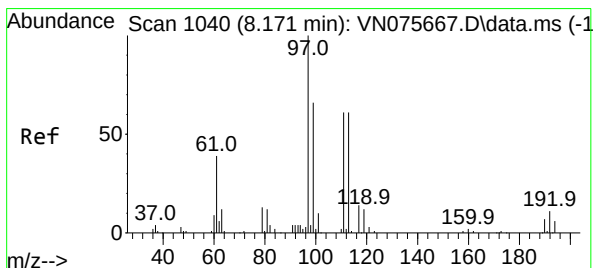
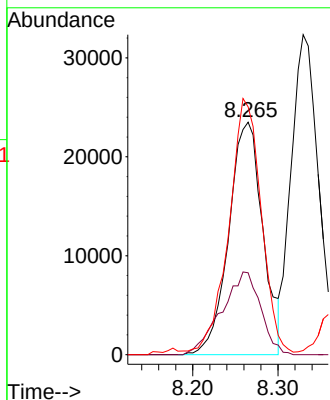
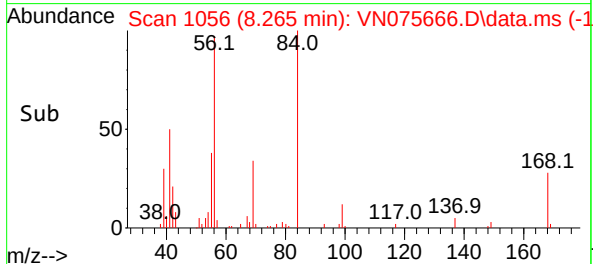
#31
Cyclohexane
Concen: 19.223 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :

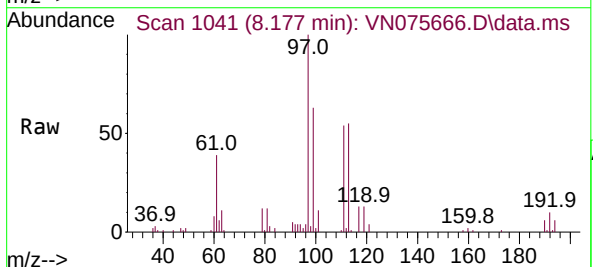


Tgt Ion: 56 Resp: 65251

Ion	Ratio	Lower	Upper
56	100		
69	35.2	26.2	39.2
84	105.1	82.8	124.2

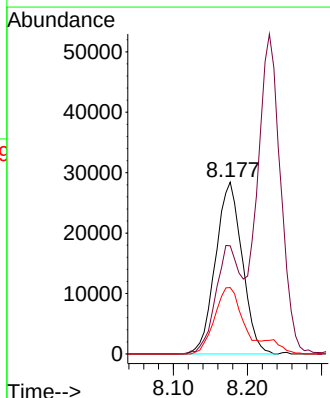
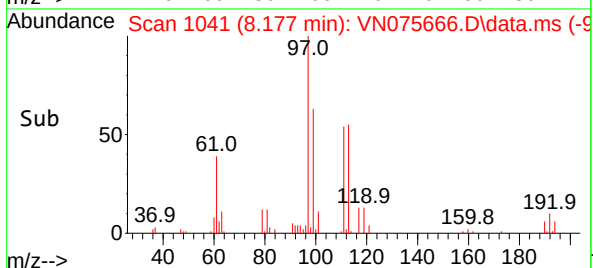


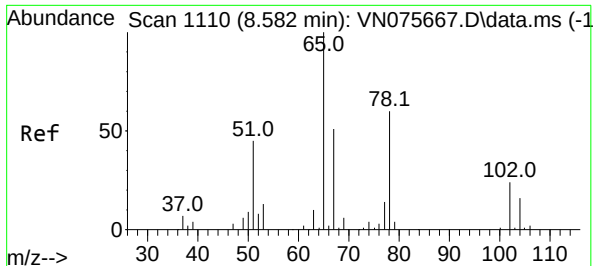
#32
1,1,1-Trichloroethane
Concen: 20.169 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45



Tgt Ion: 97 Resp: 71156

Ion	Ratio	Lower	Upper
97	100		
99	58.8	51.2	76.8
61	41.1	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 19.066 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

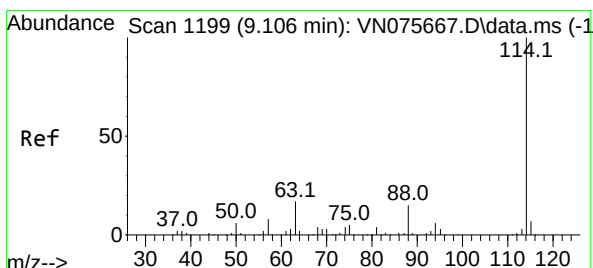
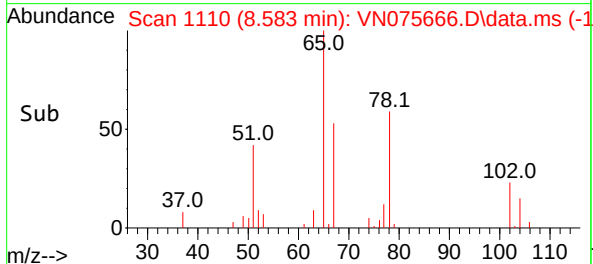
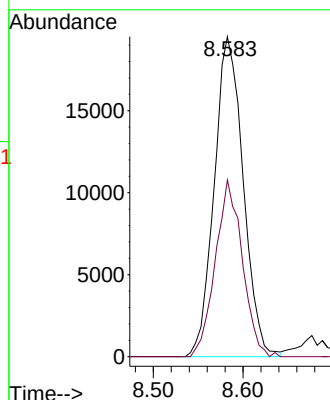
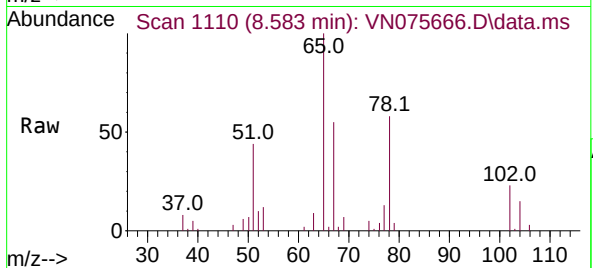
ClientSampleId :

Tgt Ion: 65 Resp: 43712

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

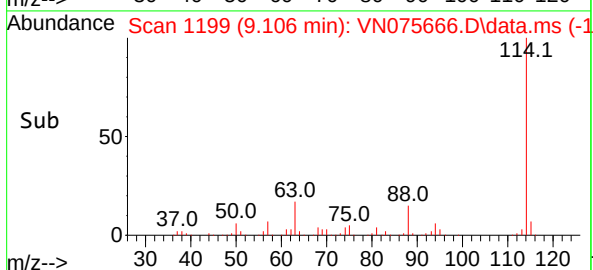
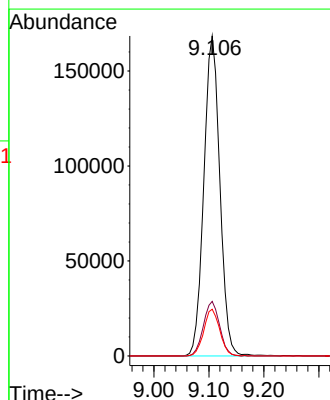
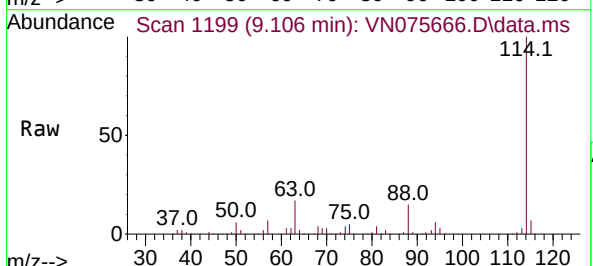
Tgt Ion: 114 Resp: 341023

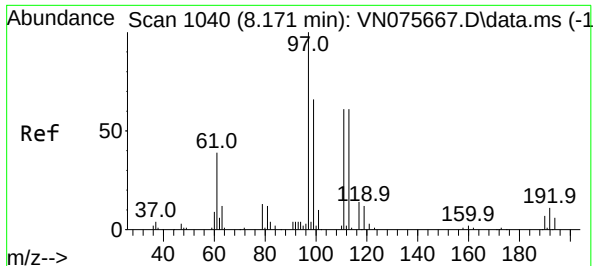
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 18.843 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

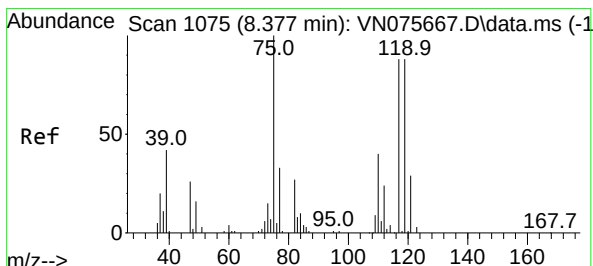
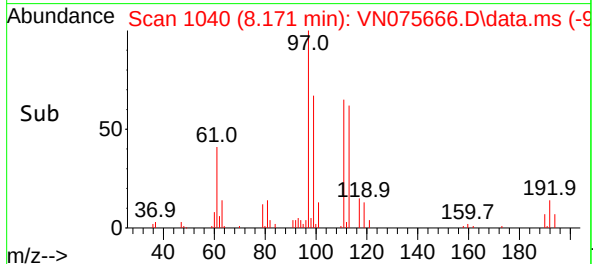
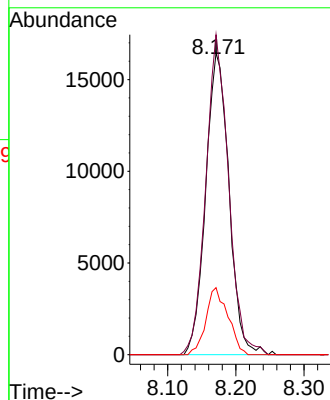
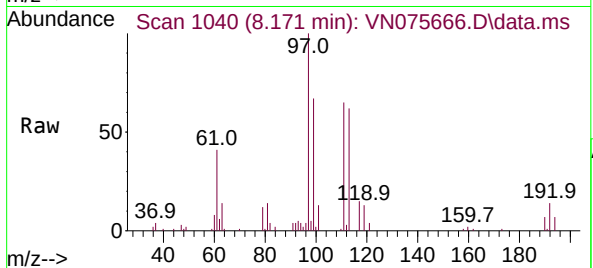
Tgt Ion:113 Resp: 39205

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.6

192 20.9 16.2 24.2



#36

1,1-Dichloropropene

Concen: 20.383 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

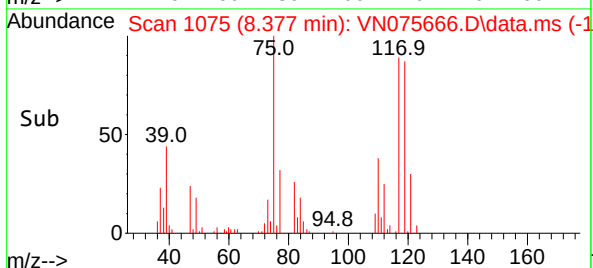
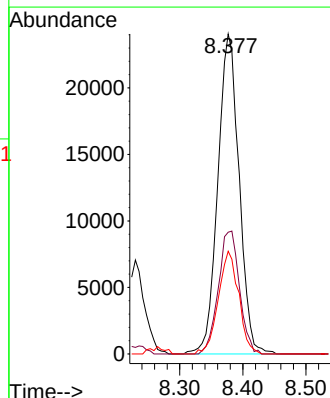
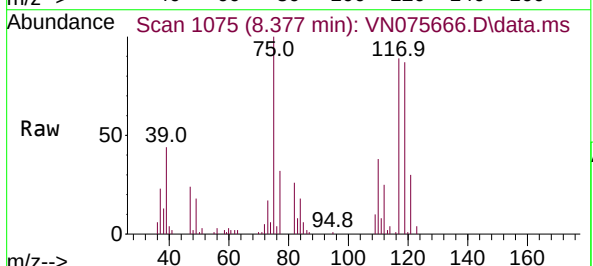
Tgt Ion: 75 Resp: 56312

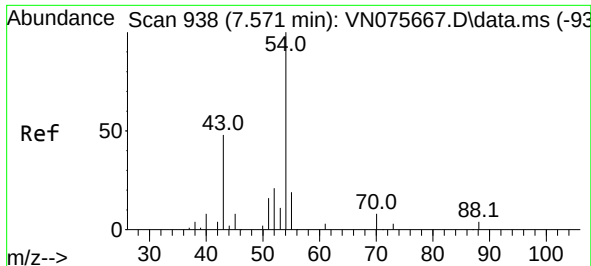
Ion Ratio Lower Upper

75 100

110 38.2 18.9 56.9

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 21.208 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

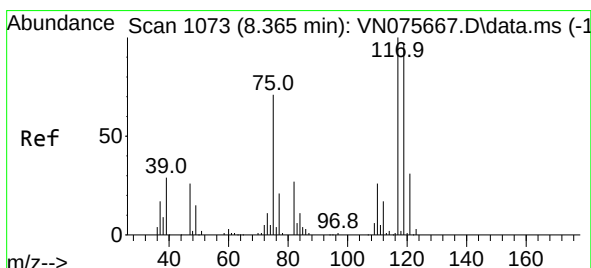
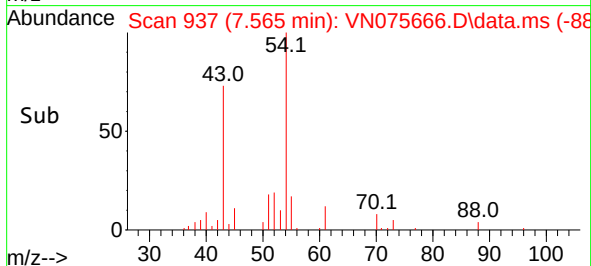
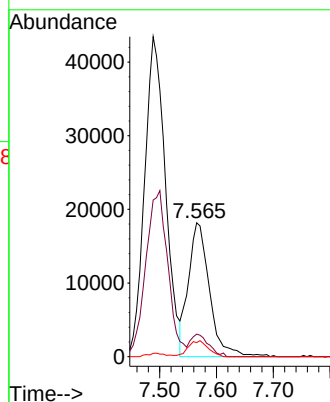
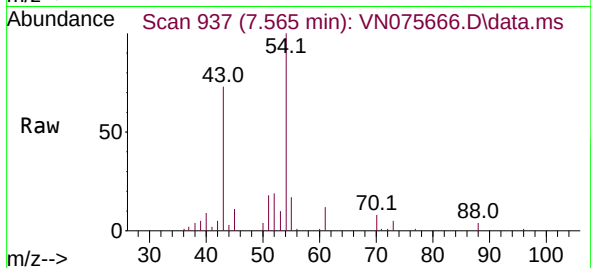
Tgt Ion: 43 Resp: 47042

Ion Ratio Lower Upper

43 100

61 14.4 13.3 19.9

70 11.3 9.9 14.9



#38

Carbon Tetrachloride

Concen: 19.726 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

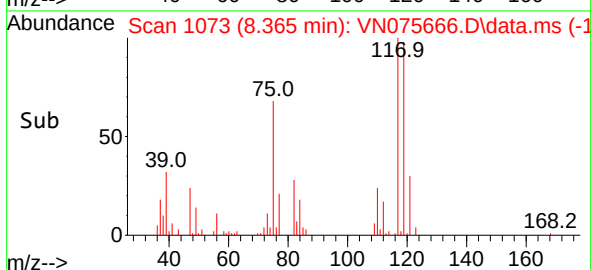
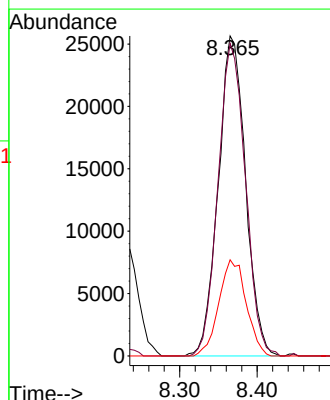
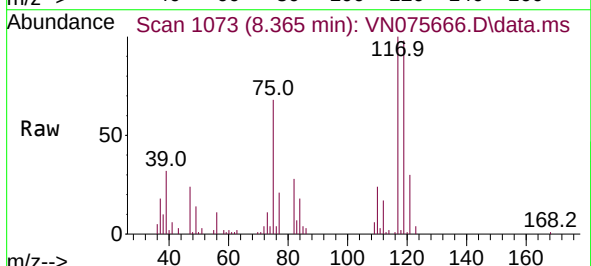
Tgt Ion: 117 Resp: 62888

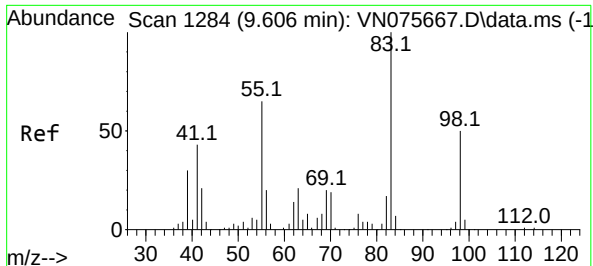
Ion Ratio Lower Upper

117 100

119 97.7 77.2 115.8

121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 20.553 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

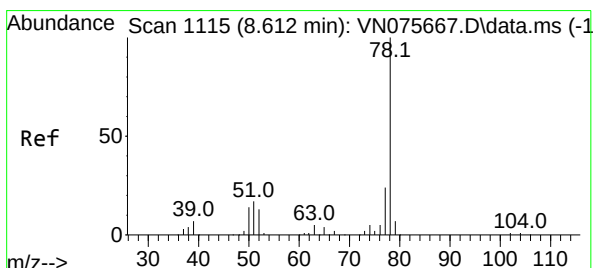
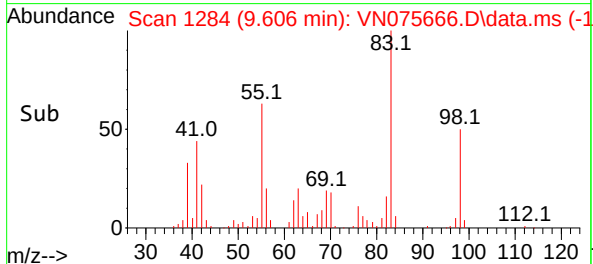
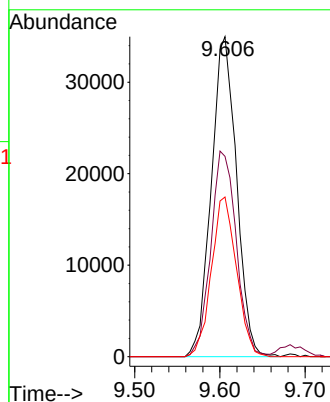
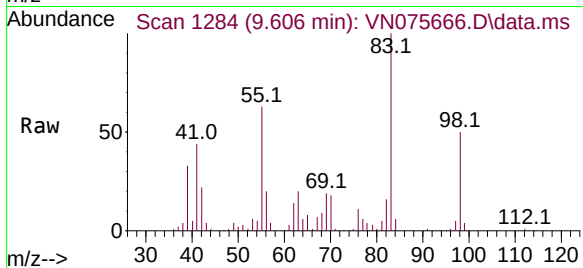
Tgt Ion: 83 Resp: 72003

Ion Ratio Lower Upper

83 100

55 62.6 51.6 77.4

98 49.9 39.8 59.8



#40

Benzene

Concen: 19.964 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075666.D

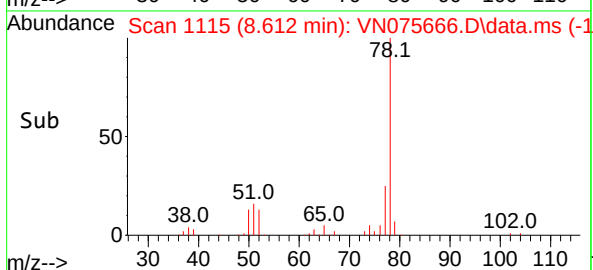
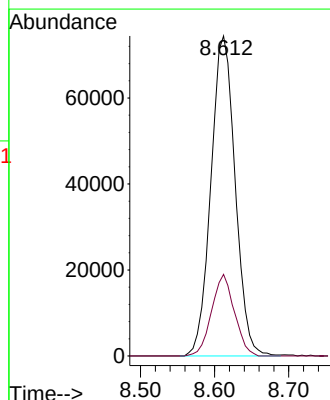
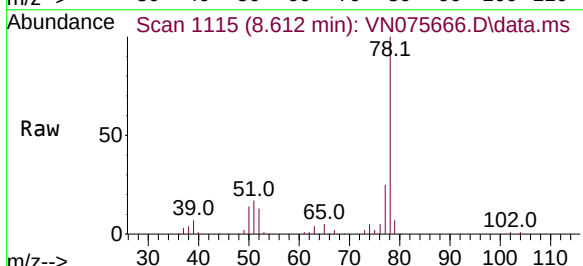
Acq: 09 Dec 2022 13:45

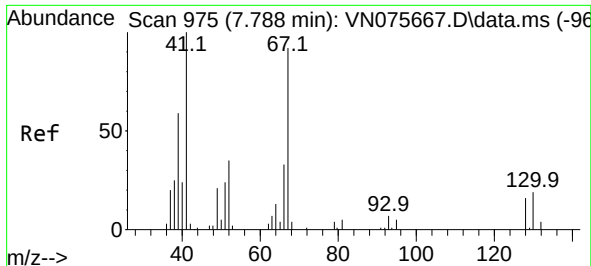
Tgt Ion: 78 Resp: 169272

Ion Ratio Lower Upper

78 100

77 25.5 19.1 28.7

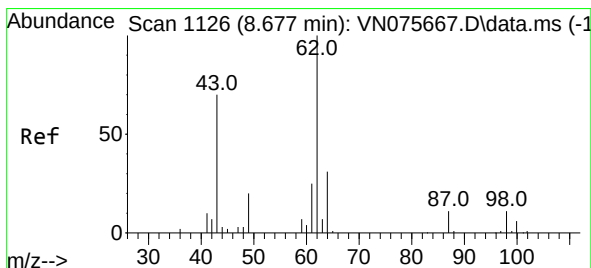
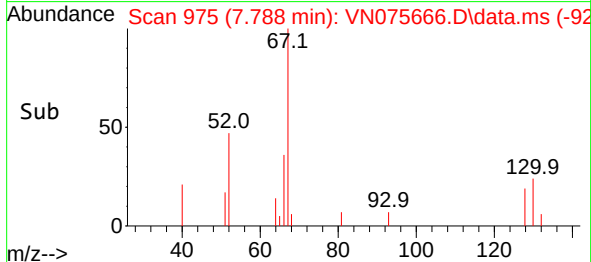
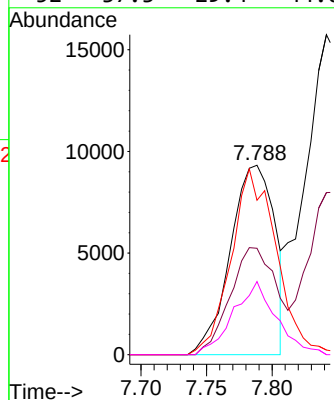
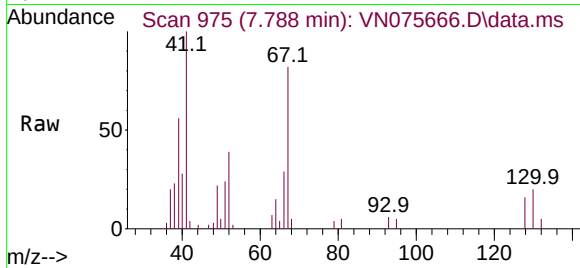




#41
Methacrylonitrile
Concen: 19.309 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

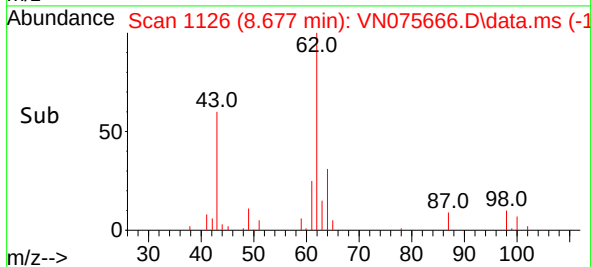
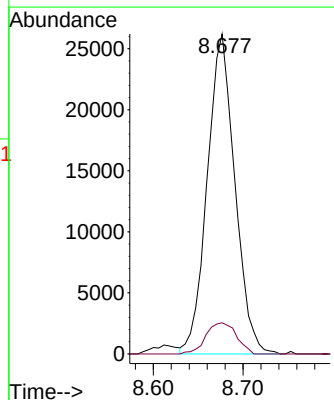
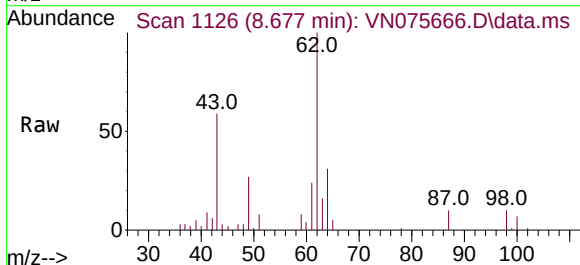
Instrument :
MSVOA_N
ClientSampleId :

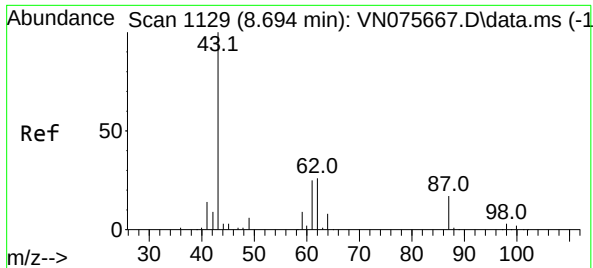
Tgt Ion:	41	Resp:	21962
Ion	Ratio	Lower	Upper
41	100		
39	59.2	46.3	69.5
67	99.8	74.0	111.0
52	37.3	29.4	44.0



#42
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:	62	Resp:	56114
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8

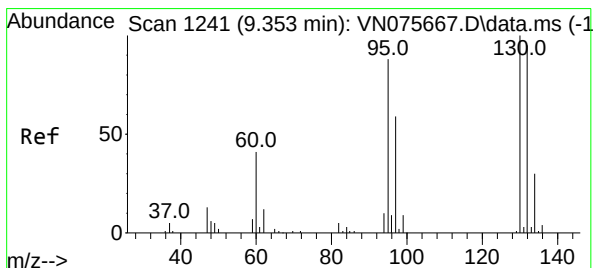
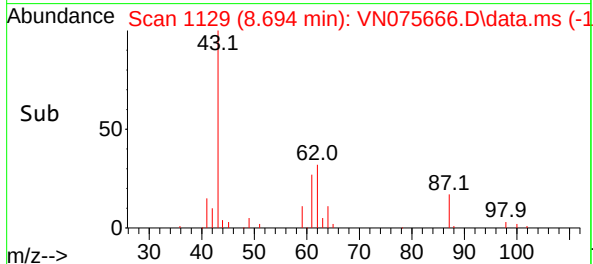
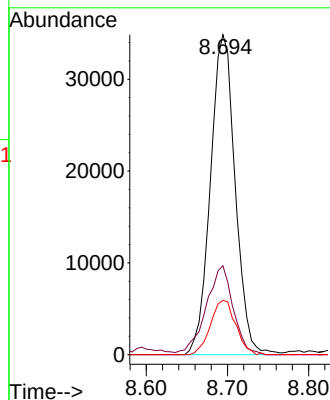
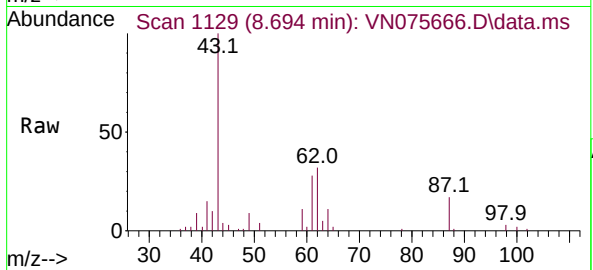




#43
Isopropyl Acetate
Concen: 19.968 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

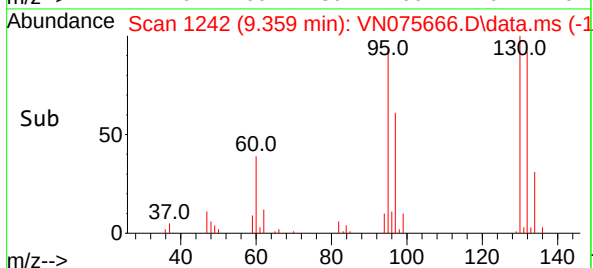
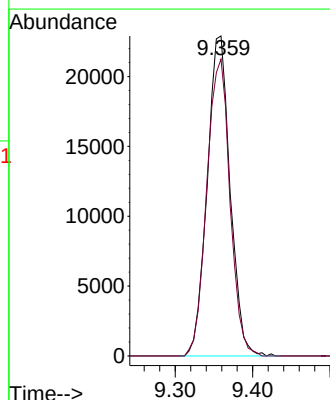
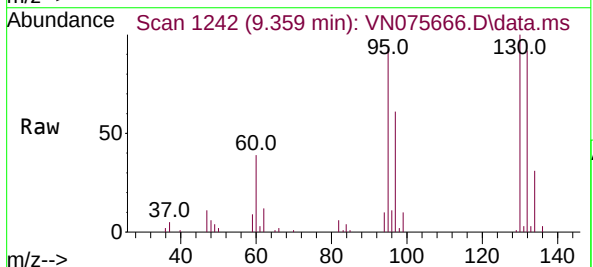
Instrument :
MSVOA_N
ClientSampleId :

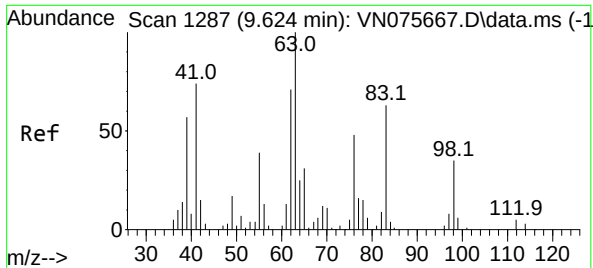
Tgt Ion: 43 Resp: 73943
Ion Ratio Lower Upper
43 100
61 30.4 23.8 35.8
87 17.3 13.7 20.5



#44
Trichloroethene
Concen: 19.676 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:130 Resp: 47064
Ion Ratio Lower Upper
130 100
95 92.8 0.0 176.8





#45

1,2-Dichloropropane

Concen: 19.530 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

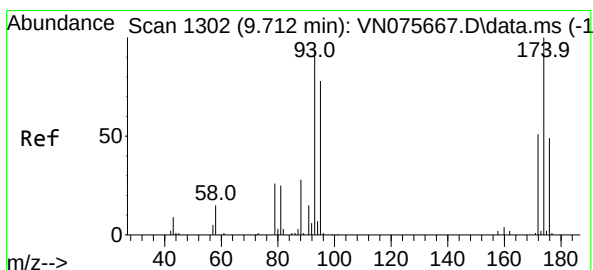
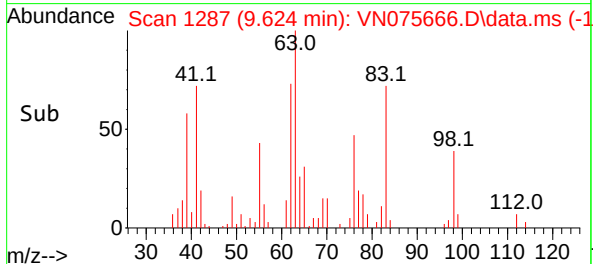
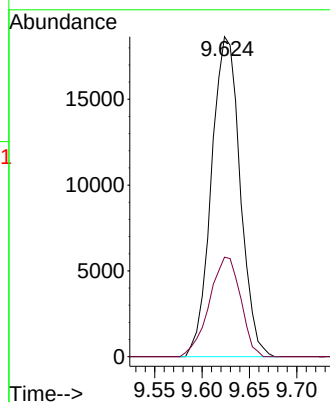
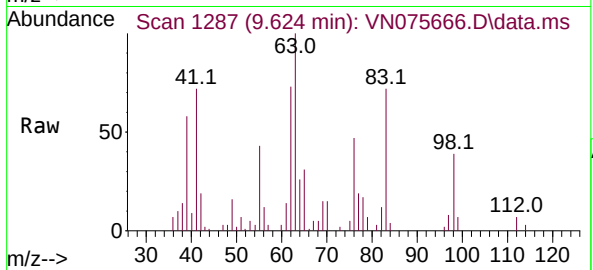
ClientSampleId :

Tgt Ion: 63 Resp: 39383

Ion Ratio Lower Upper

63 100

65 31.1 25.1 37.7



#46

Dibromomethane

Concen: 20.239 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

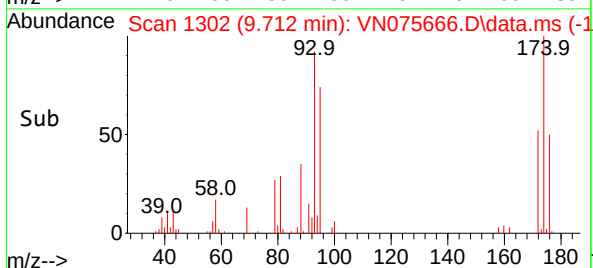
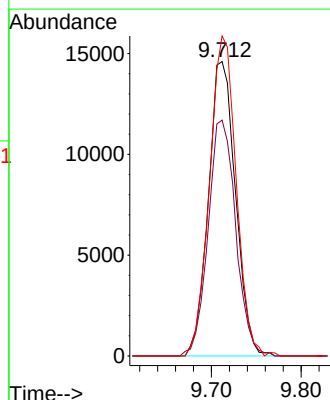
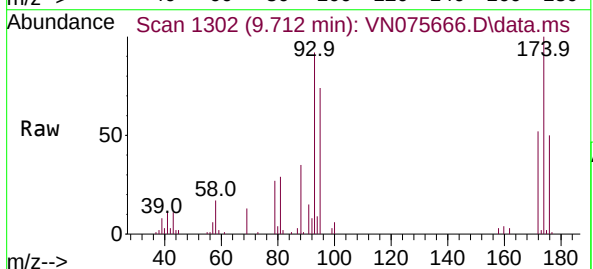
Tgt Ion: 93 Resp: 30642

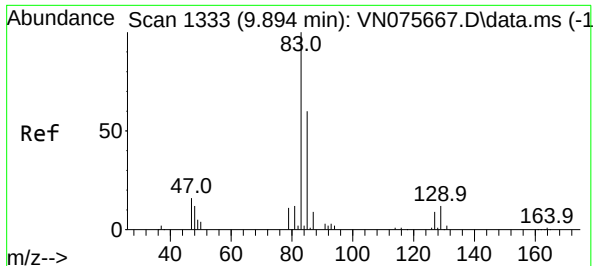
Ion Ratio Lower Upper

93 100

95 81.4 67.3 100.9

174 106.8 85.0 127.6

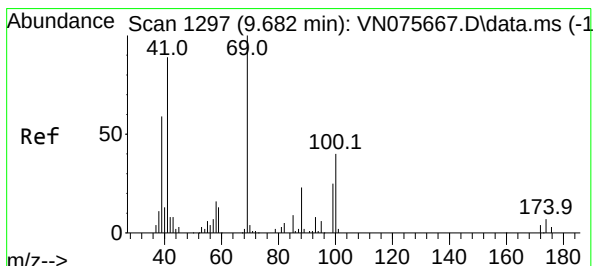
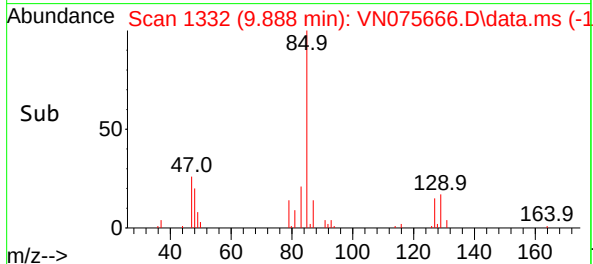
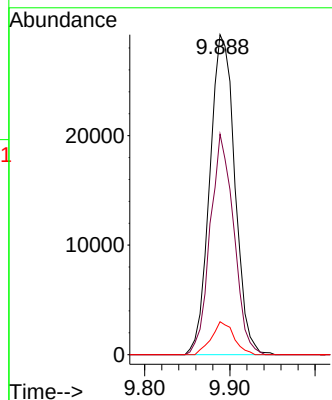
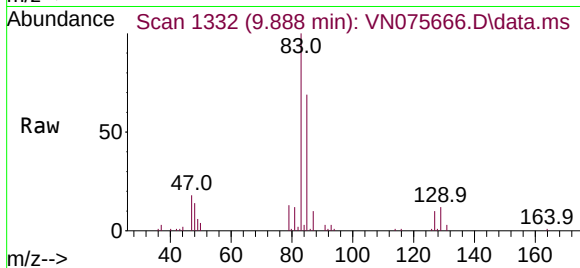




#47
Bromodichloromethane
Concen: 20.135 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

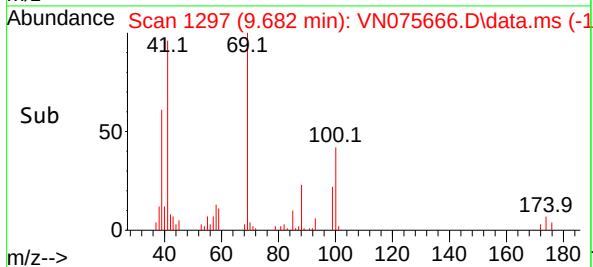
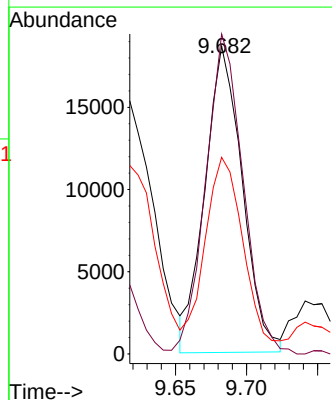
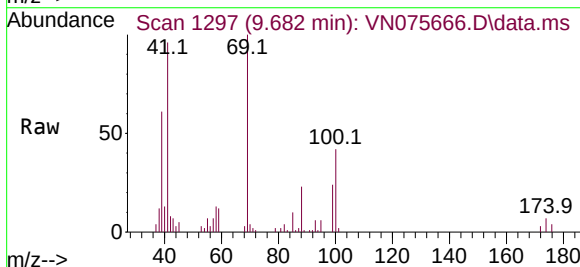
Instrument :
MSVOA_N
ClientSampleId :

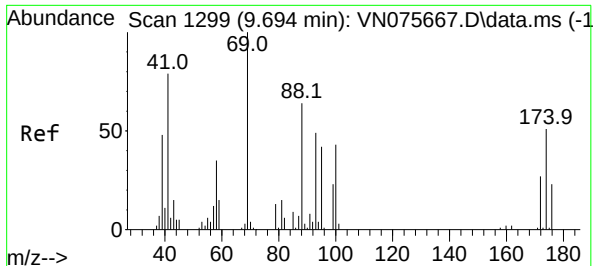
Tgt Ion: 83 Resp: 59770
Ion Ratio Lower Upper
83 100
85 68.9 48.0 72.0
127 10.3 7.4 11.2



#48
Methyl methacrylate
Concen: 19.995 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 41 Resp: 34103
Ion Ratio Lower Upper
41 100
69 104.4 82.5 123.7
39 67.6 53.2 79.8





#49

1,4-Dioxane

Concen: 415.808 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

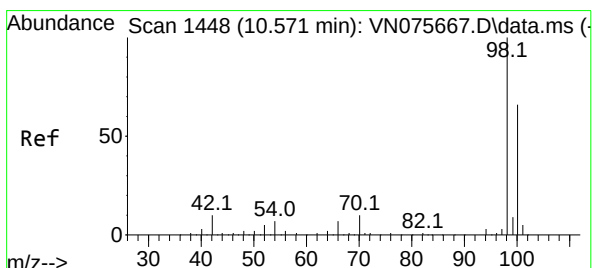
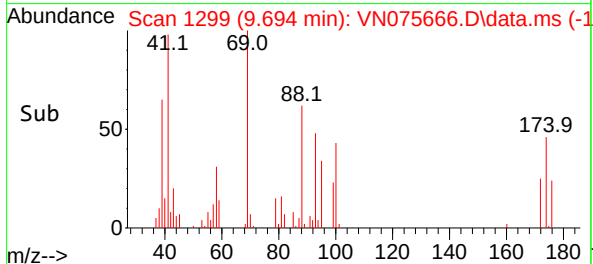
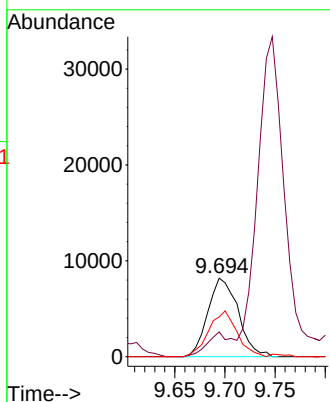
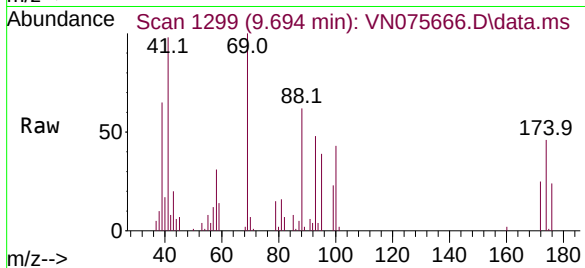
Tgt Ion: 88 Resp: 17239

Ion Ratio Lower Upper

88 100

43 25.9 17.4 26.0

58 54.3 46.8 70.2



#50

Toluene-d8

Concen: 19.174 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075666.D

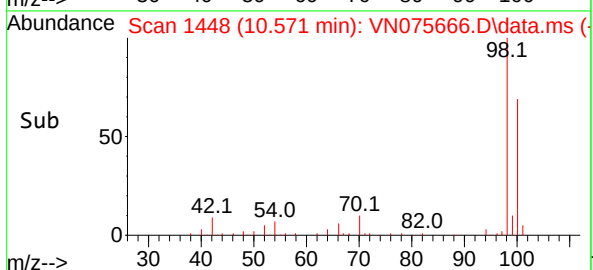
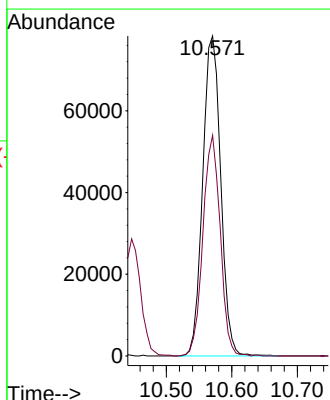
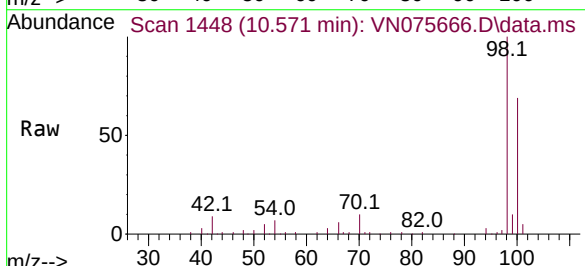
Acq: 09 Dec 2022 13:45

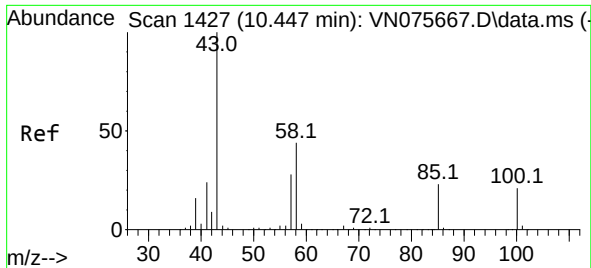
Tgt Ion: 98 Resp: 149820

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 101.711 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

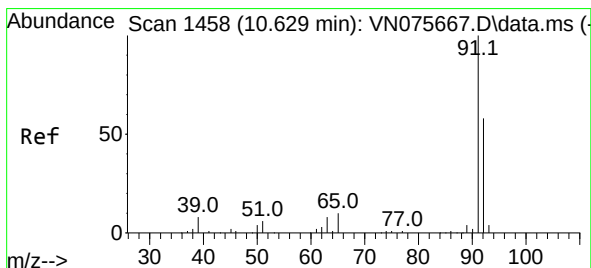
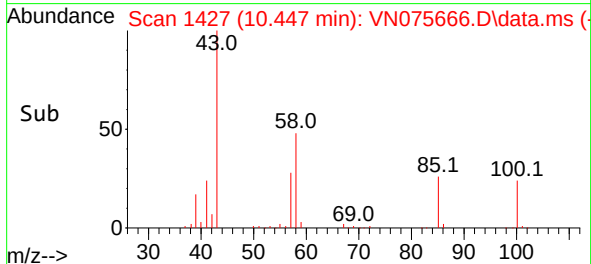
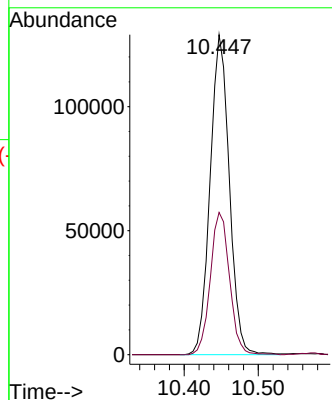
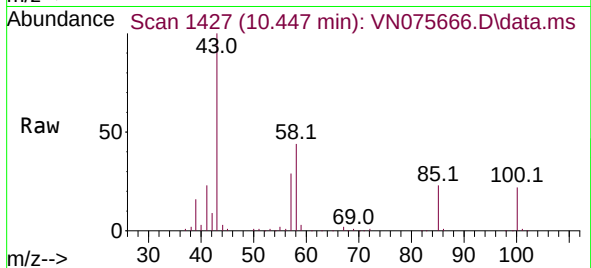
ClientSampleId :

Tgt Ion: 43 Resp: 232251

Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6



#52

Toluene

Concen: 20.240 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN075666.D

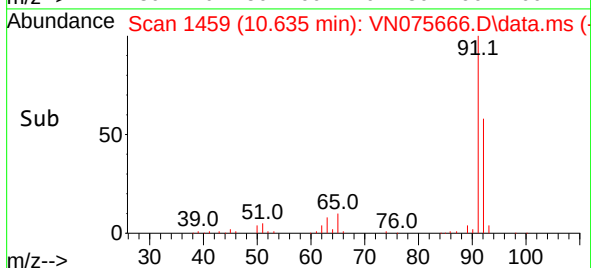
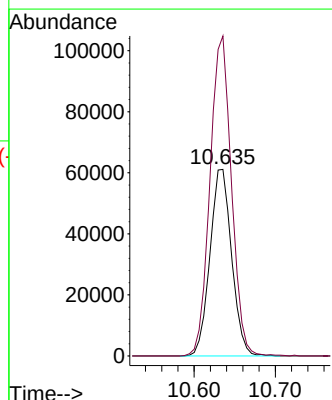
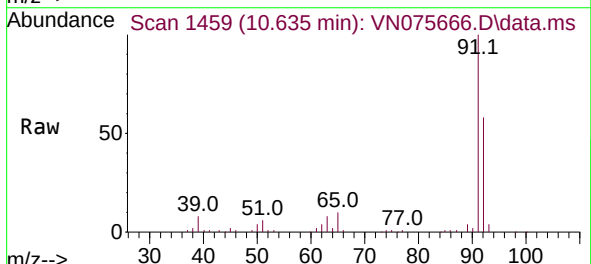
Acq: 09 Dec 2022 13:45

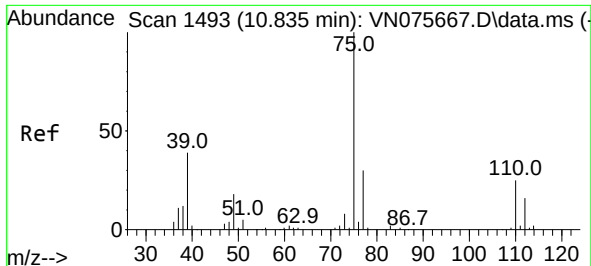
Tgt Ion: 92 Resp: 113431

Ion Ratio Lower Upper

92 100

91 169.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 20.486 ug/l

RT: 10.835 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

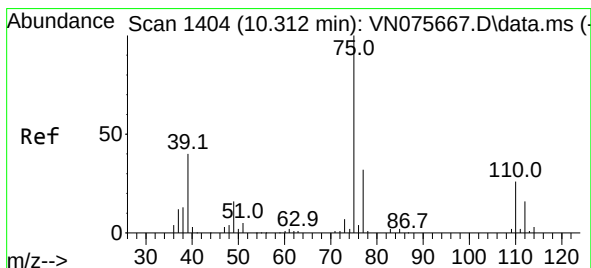
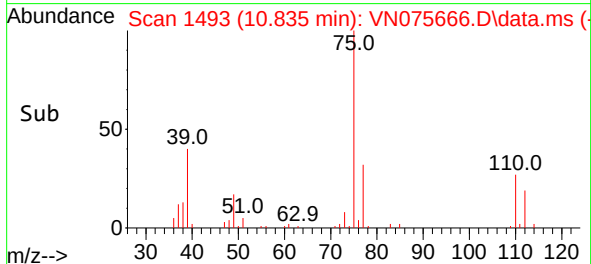
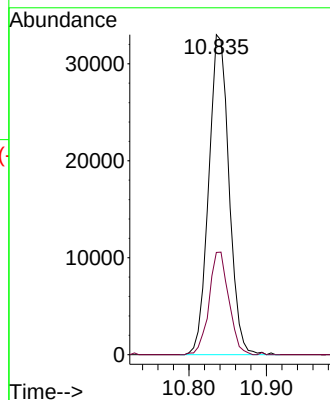
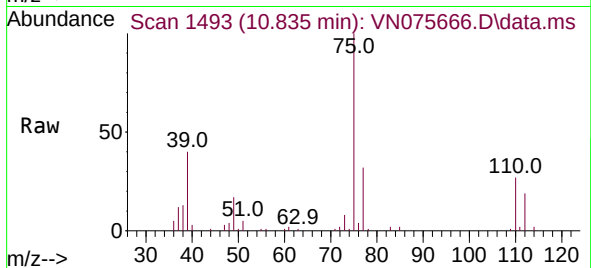
ClientSampleId :

Tgt Ion: 75 Resp: 60059

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 20.060 ug/l

RT: 10.318 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

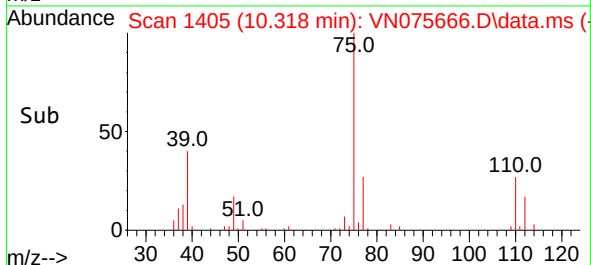
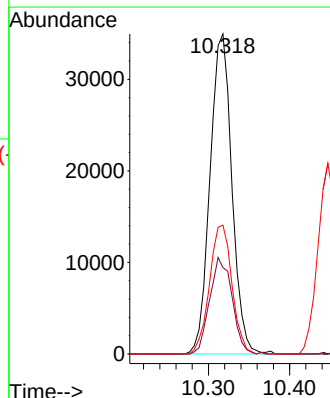
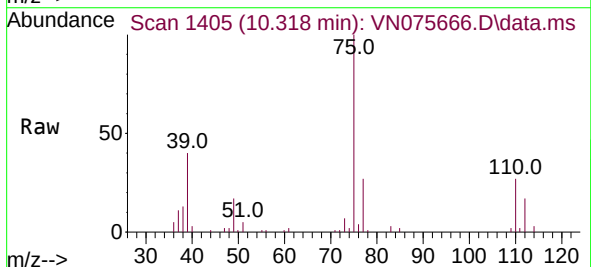
Tgt Ion: 75 Resp: 65430

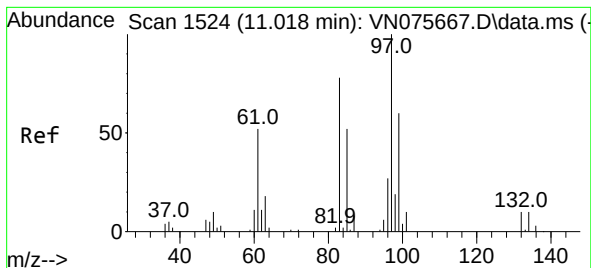
Ion Ratio Lower Upper

75 100

77 27.0 25.3 37.9

39 40.2 32.0 48.0





#55

1,1,2-Trichloroethane

Concen: 20.438 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 45034

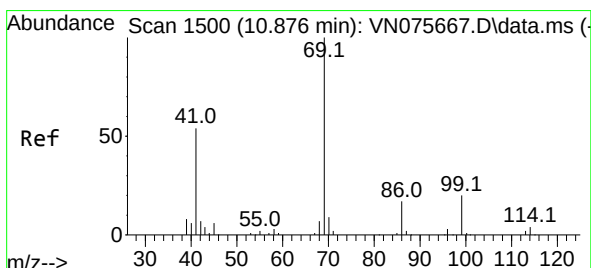
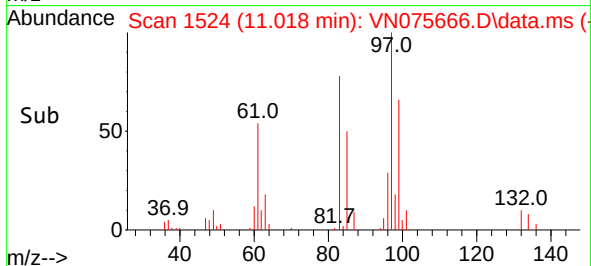
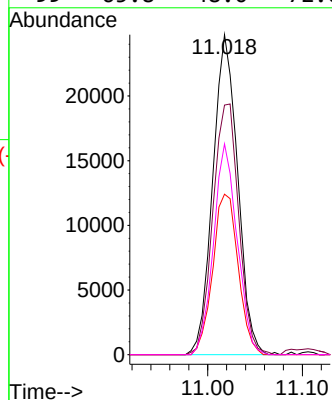
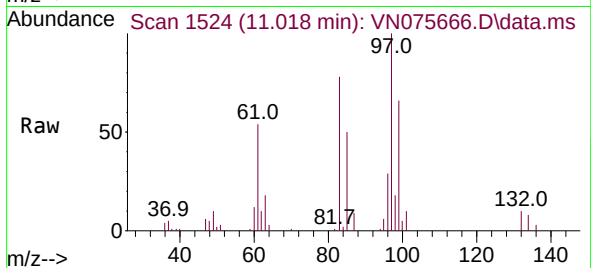
Ion Ratio Lower Upper

97 100

83 78.0 62.7 94.1

85 50.1 41.8 62.6

99 65.8 48.0 72.0



#56

Ethyl methacrylate

Concen: 20.458 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

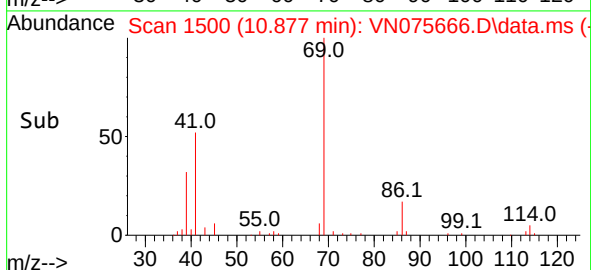
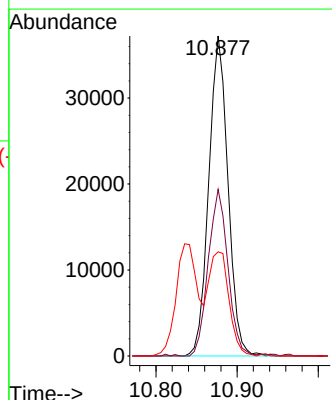
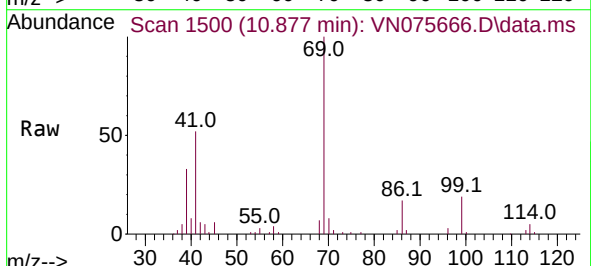
Tgt Ion: 69 Resp: 61083

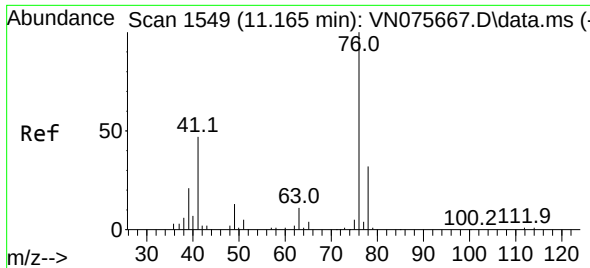
Ion Ratio Lower Upper

69 100

41 53.4 44.1 66.1

39 33.9 27.7 41.5

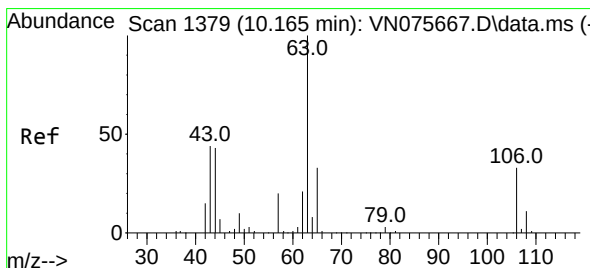
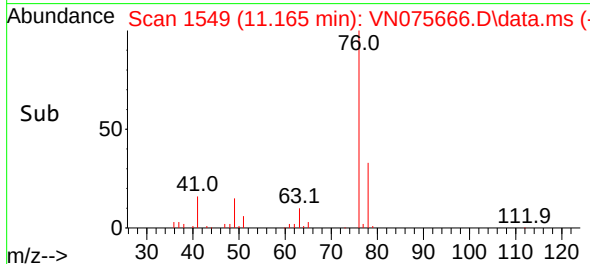
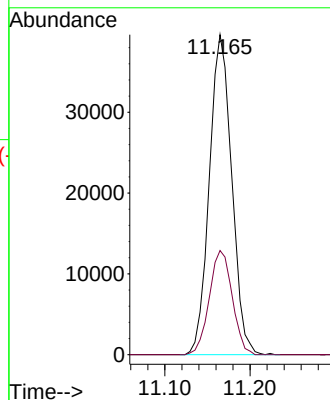
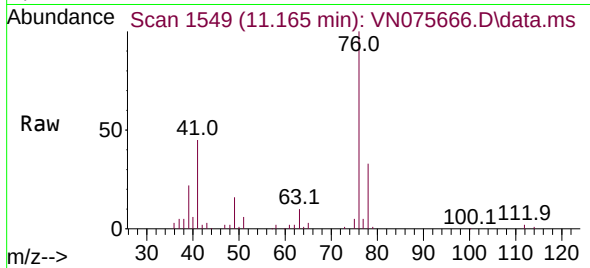




#57
1,3-Dichloropropane
Concen: 20.286 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

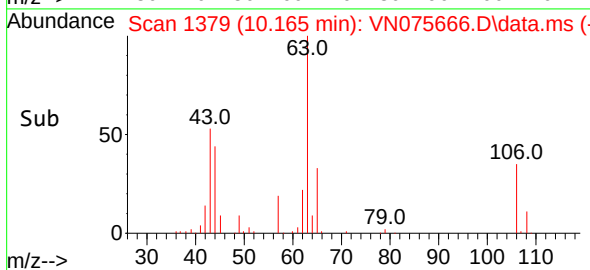
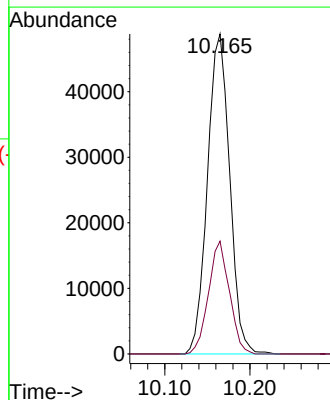
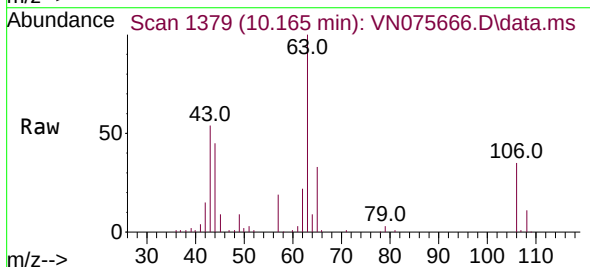
Instrument :
MSVOA_N
ClientSampleId :

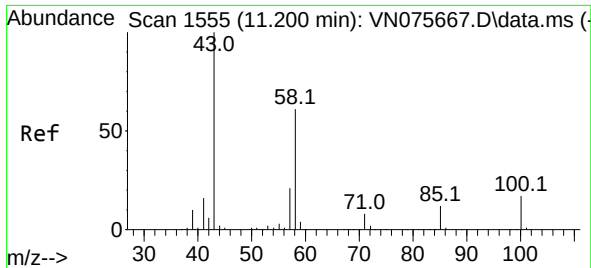
Tgt Ion: 76 Resp: 72249
Ion Ratio Lower Upper
76 100
78 33.3 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 100.406 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 63 Resp: 88513
Ion Ratio Lower Upper
63 100
106 33.2 26.6 40.0

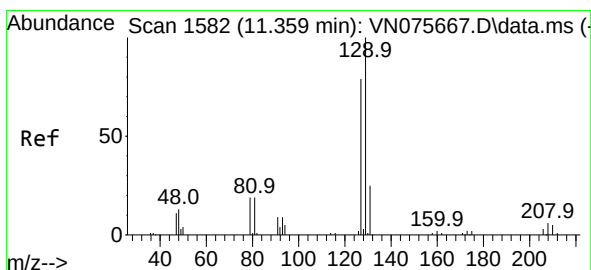
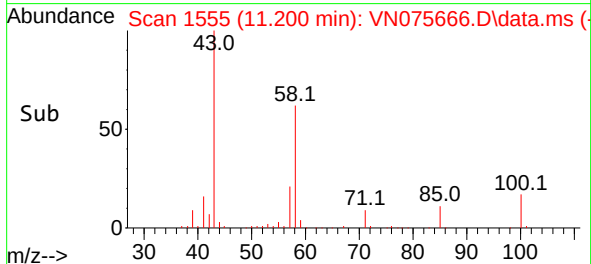
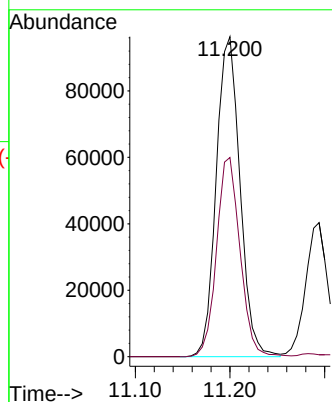
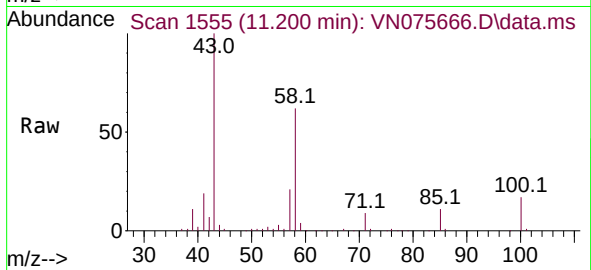




#59
2-Hexanone
Concen: 101.375 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

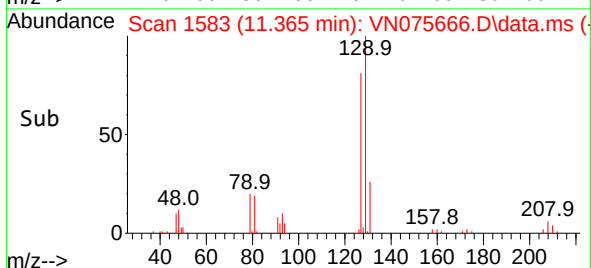
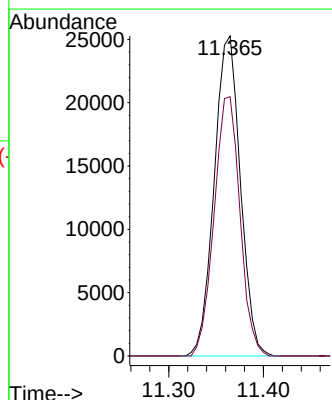
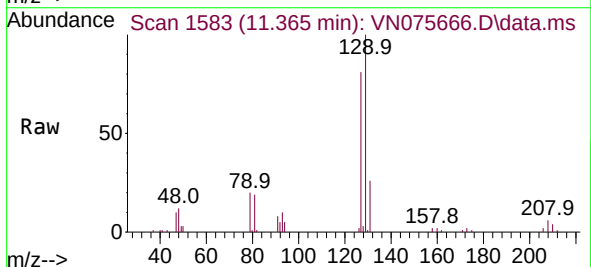
Instrument :
MSVOA_N
ClientSampleId :

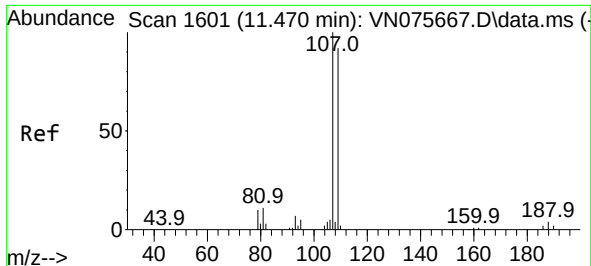
Tgt Ion: 43 Resp: 168176
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5



#60
Dibromochloromethane
Concen: 20.013 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 129 Resp: 48526
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0

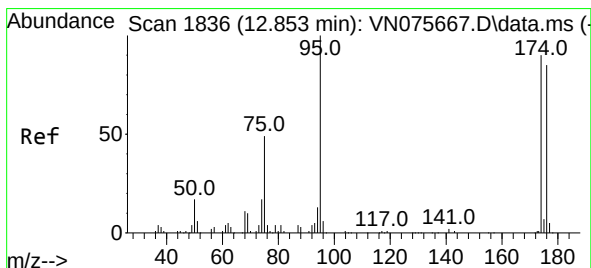
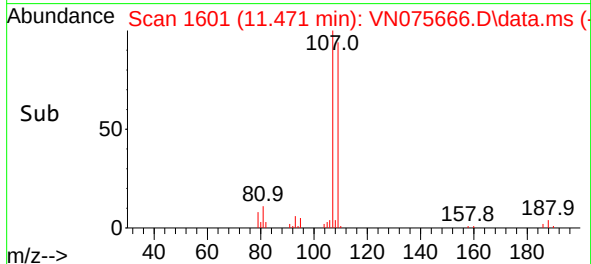
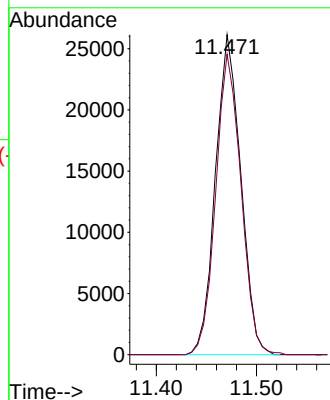
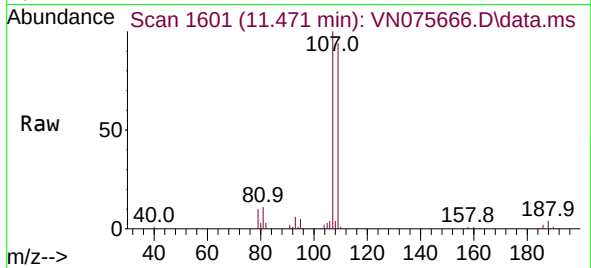




#61
1,2-Dibromoethane
Concen: 19.870 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

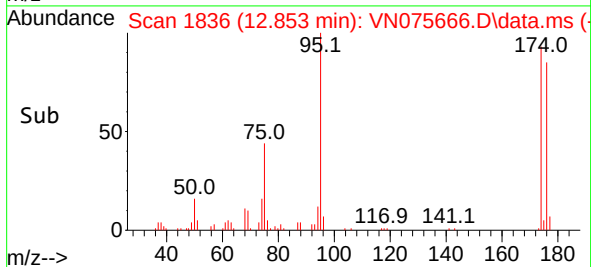
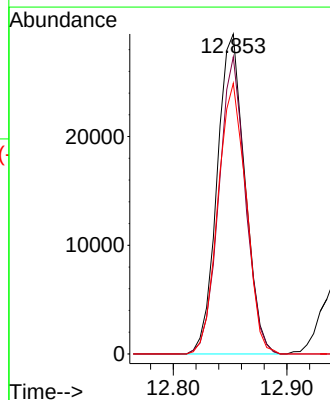
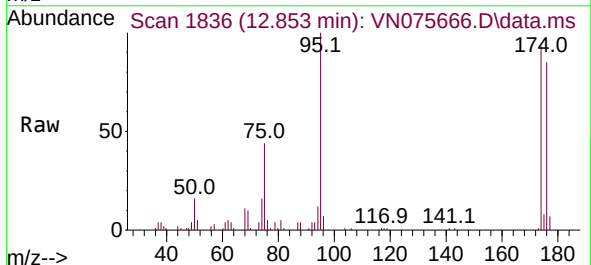
Instrument :
MSVOA_N
ClientSampleId :

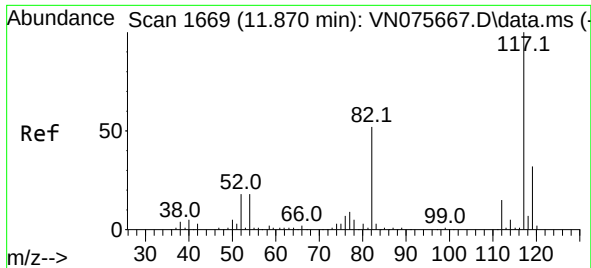
Tgt Ion:107 Resp: 45871
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 18.707 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 95 Resp: 49978
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.6
176 85.6 0.0 170.8

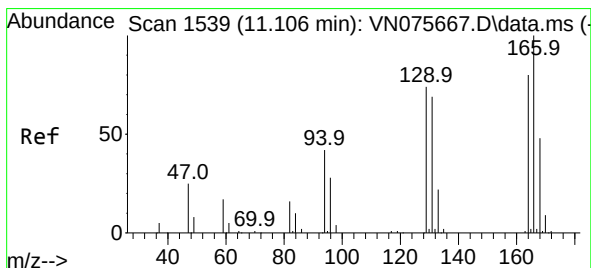
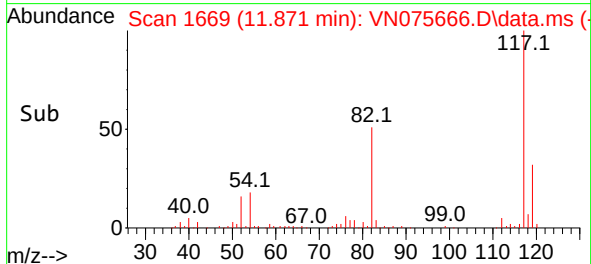
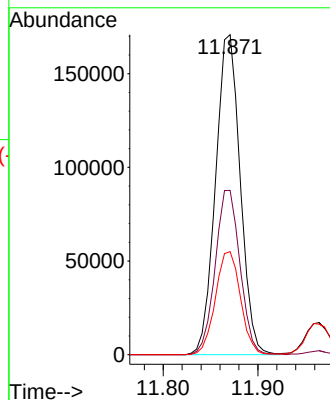
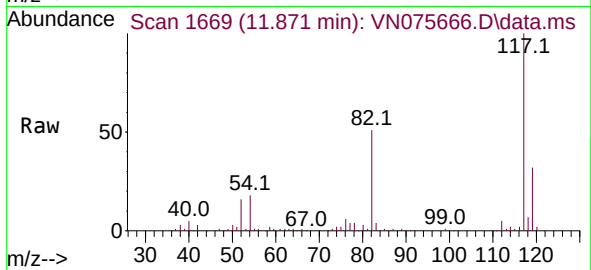




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

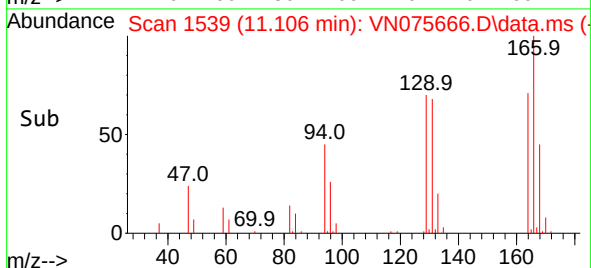
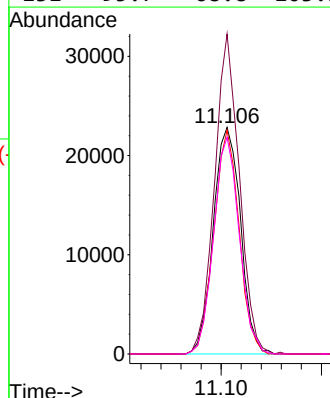
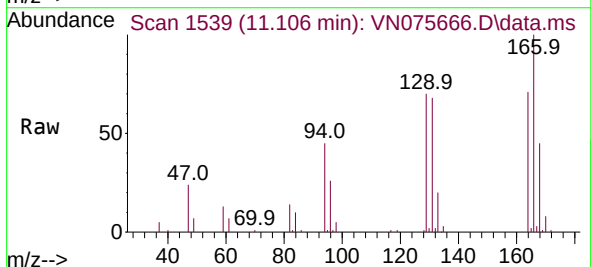
Instrument :
MSVOA_N
ClientSampleId :

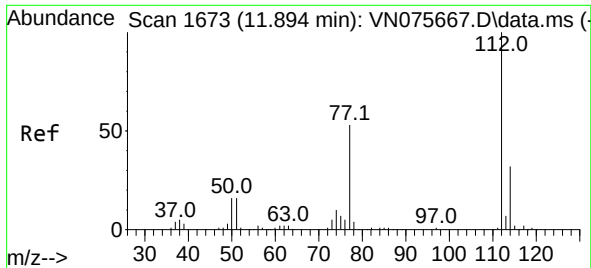
Tgt Ion:117 Resp: 309269
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.115 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:164 Resp: 43060
Ion Ratio Lower Upper
164 100
166 141.3 100.3 150.5
129 98.8 73.9 110.9
131 95.7 68.8 103.2

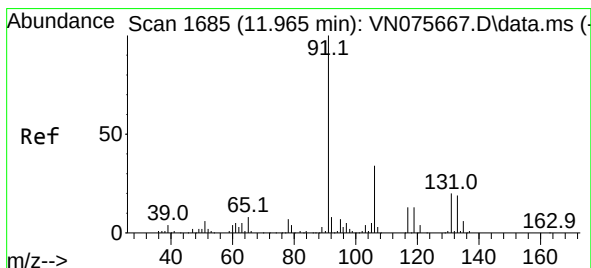
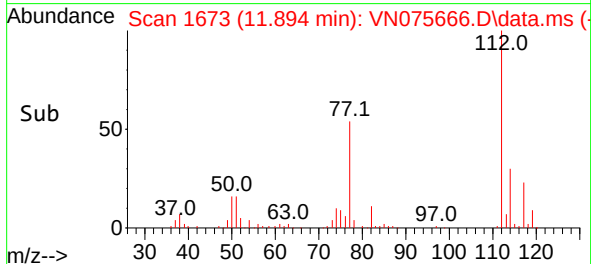
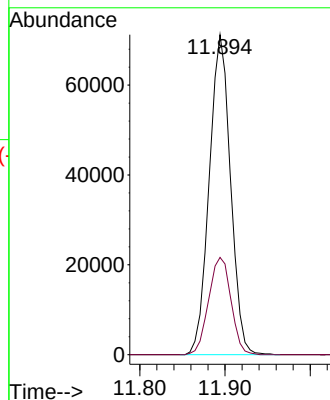
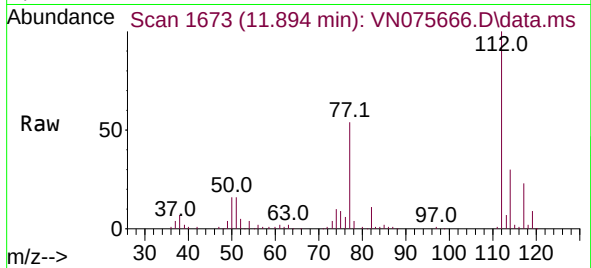




#65
Chlorobenzene
Concen: 19.390 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

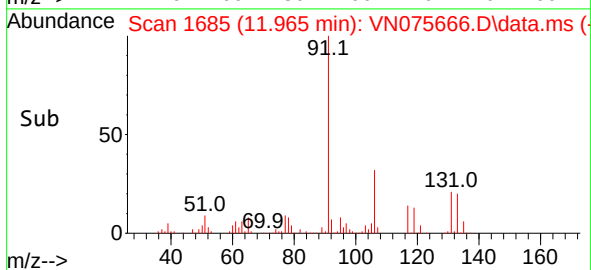
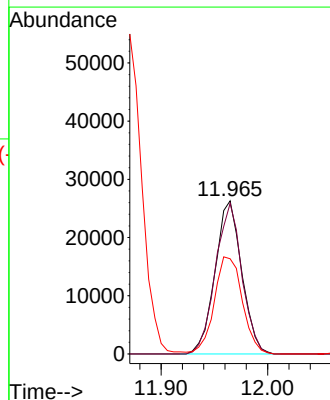
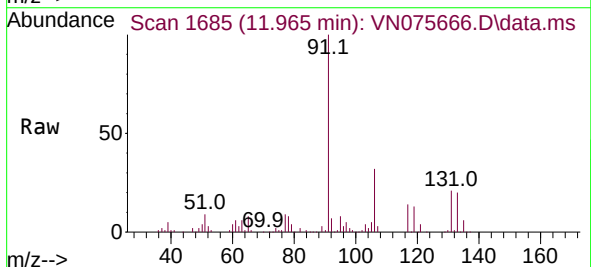
Instrument :
MSVOA_N
ClientSampleId :

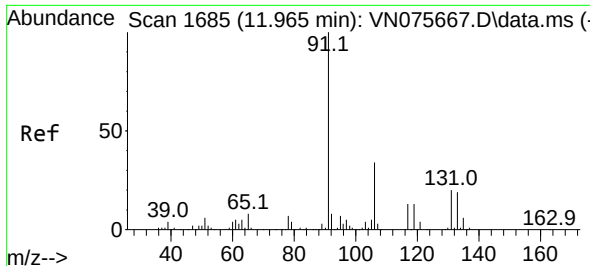
Tgt Ion:112 Resp: 123386
Ion Ratio Lower Upper
112 100
114 30.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.769 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:131 Resp: 45768
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 66.7 32.5 97.4

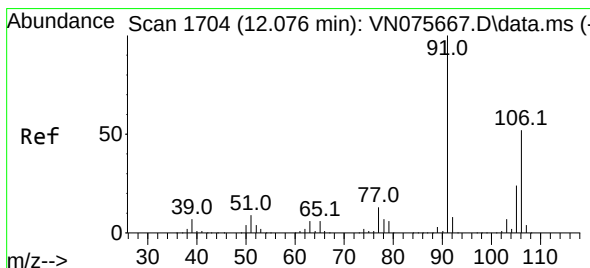
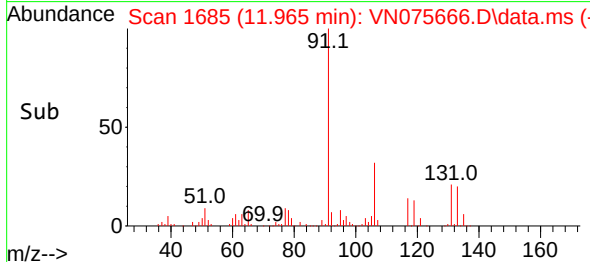
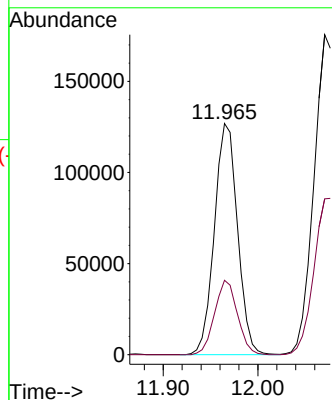
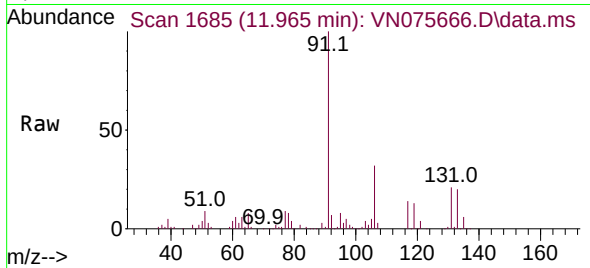




#67
Ethyl Benzene
Concen: 20.020 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

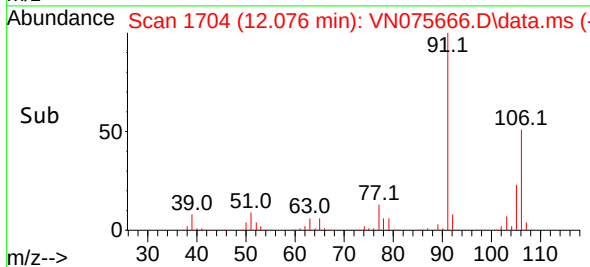
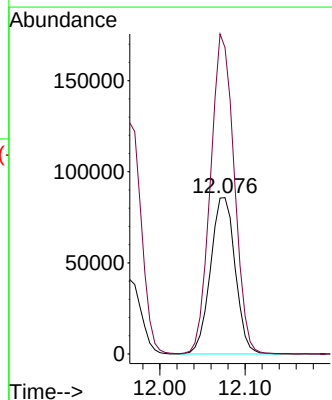
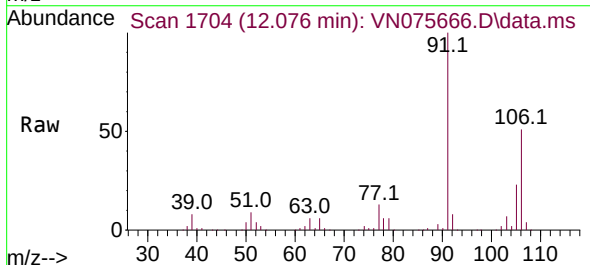
Instrument :
MSVOA_N
ClientSampleId :

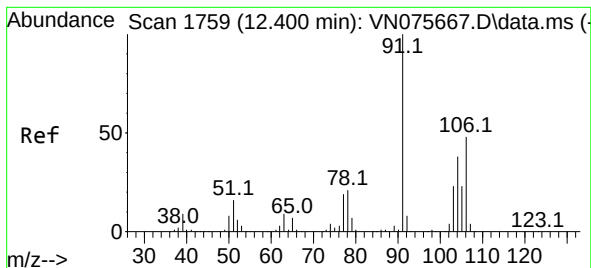
Tgt Ion: 91 Resp: 215506
Ion Ratio Lower Upper
91 100
106 32.2 26.9 40.3



#68
m/p-Xylenes
Concen: 39.679 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:106 Resp: 172588
Ion Ratio Lower Upper
106 100
91 197.3 156.2 234.4

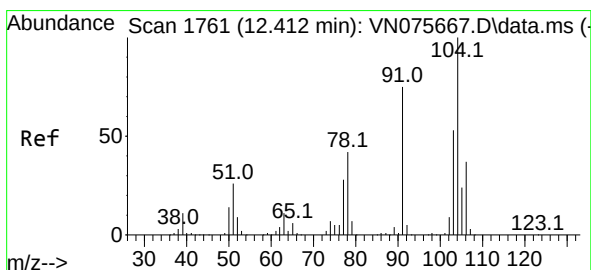
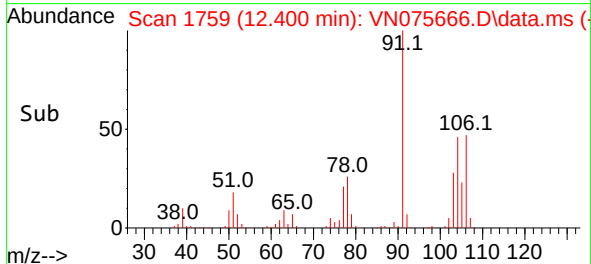
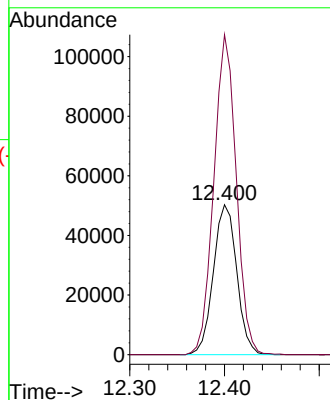
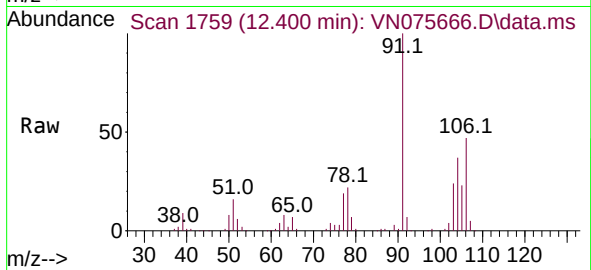




#69
o-Xylene
Concen: 20.472 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

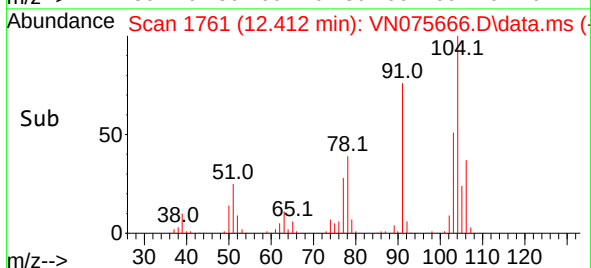
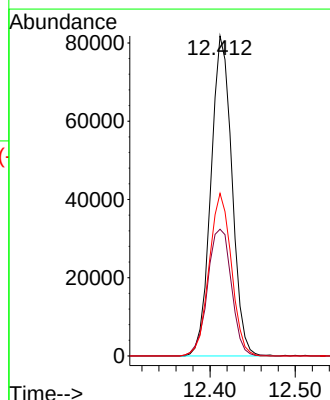
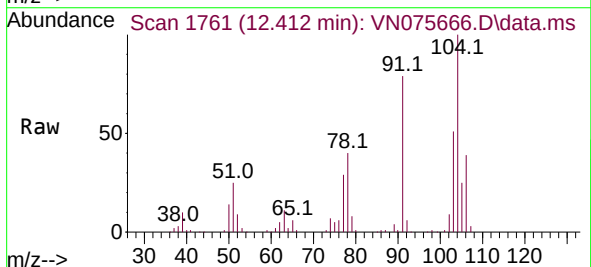
Instrument :
MSVOA_N
ClientSampleId :

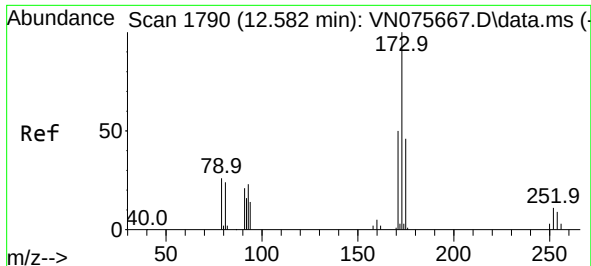
Tgt Ion:106 Resp: 86407
Ion Ratio Lower Upper
106 100
91 204.4 102.8 308.5



#70
Styrene
Concen: 20.746 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:104 Resp: 140444
Ion Ratio Lower Upper
104 100
78 44.9 36.7 55.1
103 53.8 44.0 66.0

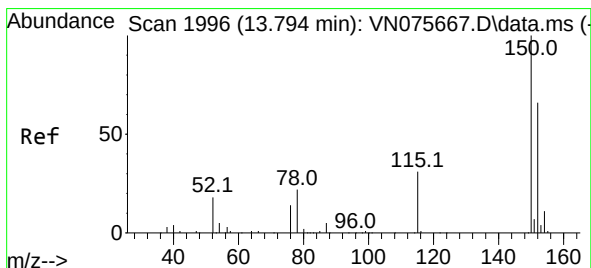
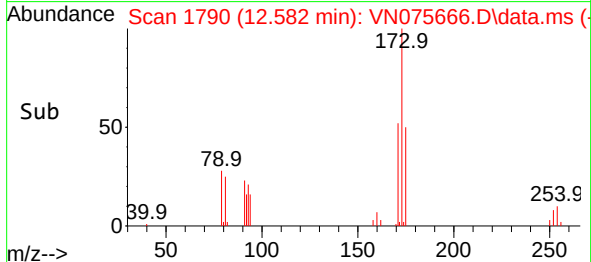
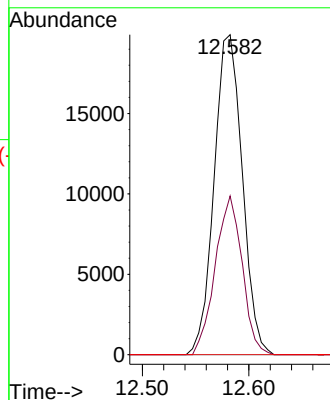
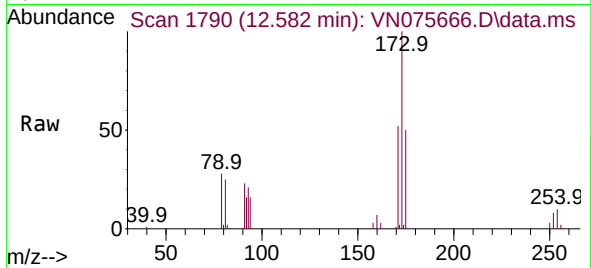




#71
Bromoform
Concen: 20.803 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

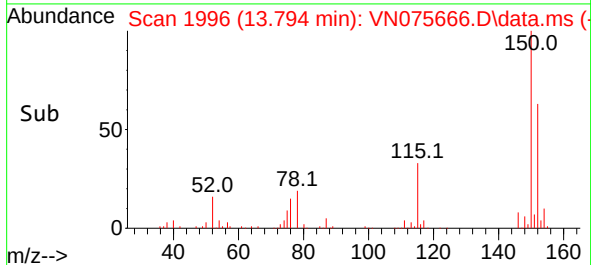
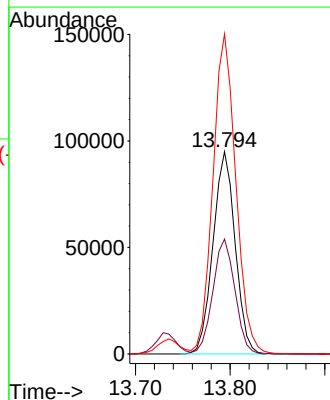
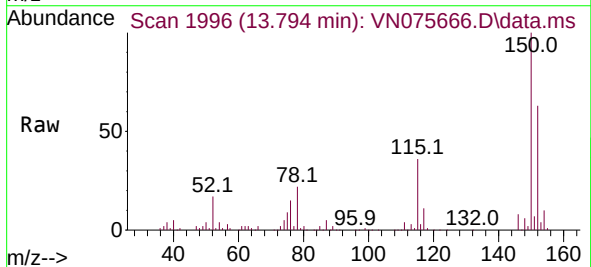
Instrument :
MSVOA_N
ClientSampleId :

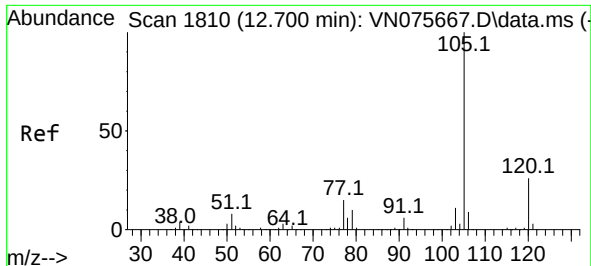
Tgt Ion:173 Resp: 36507
Ion Ratio Lower Upper
173 100
175 47.4 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:152 Resp: 154105
Ion Ratio Lower Upper
152 100
115 56.6 28.4 85.2
150 163.8 0.0 347.6

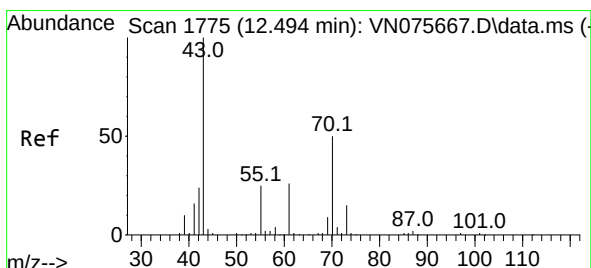
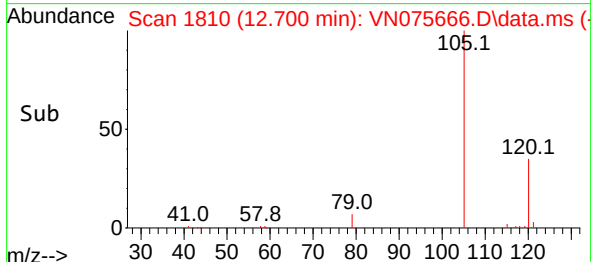
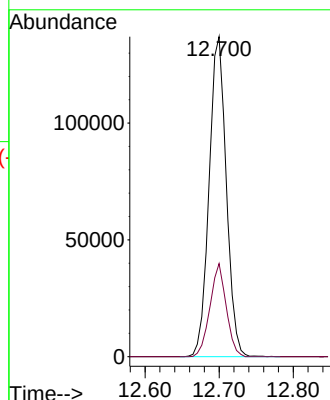
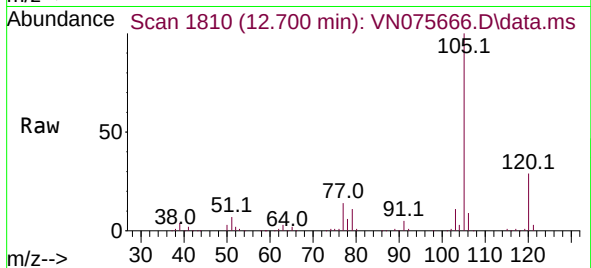




#73
Isopropylbenzene
Concen: 19.960 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

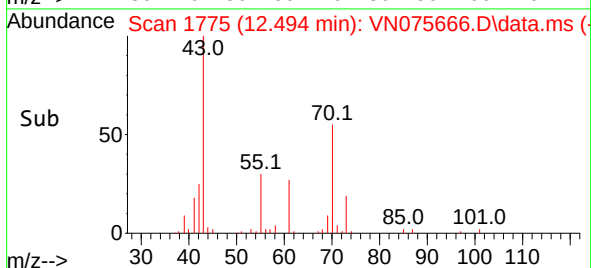
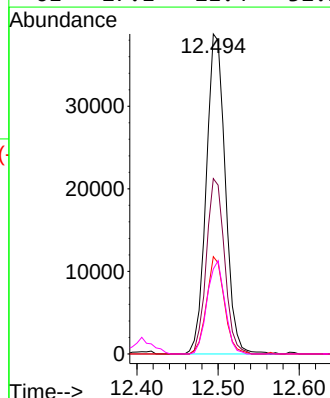
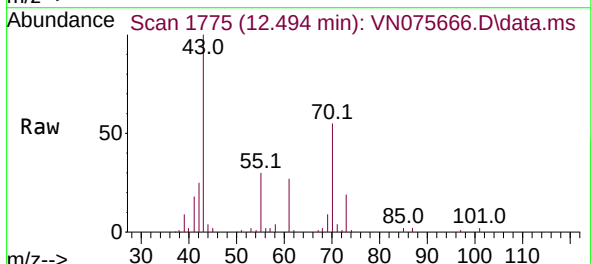
Instrument :
MSVOA_N
ClientSampleId :

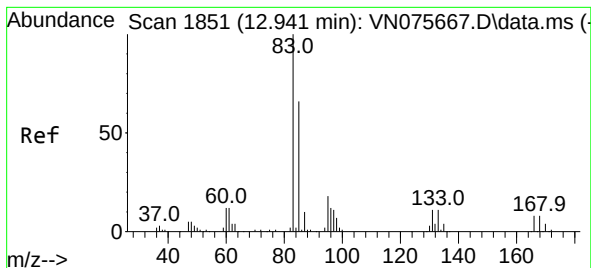
Tgt Ion:105 Resp: 220854
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 19.625 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 43 Resp: 63094
Ion Ratio Lower Upper
43 100
70 52.3 41.0 61.6
55 28.2 20.7 31.1
61 27.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.344 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

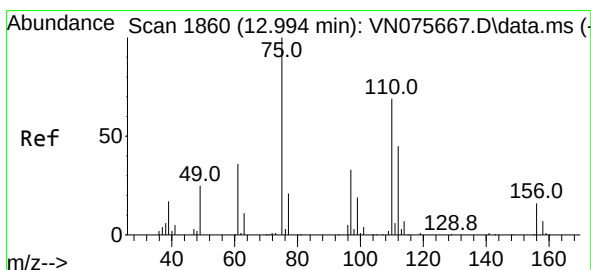
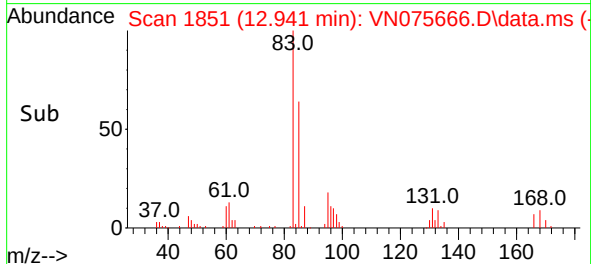
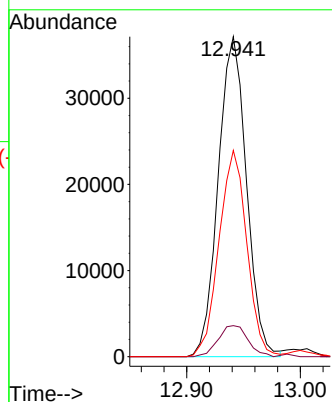
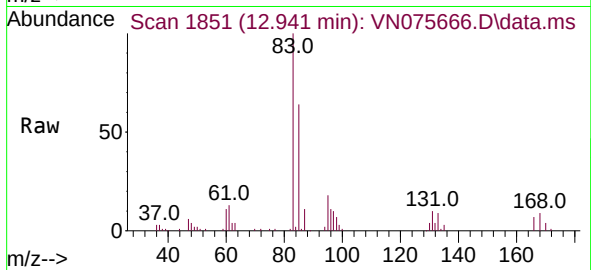
Tgt Ion: 83 Resp: 64297

Ion Ratio Lower Upper

83 100

131 10.2 5.6 16.8

85 63.5 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 24.204 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN075666.D

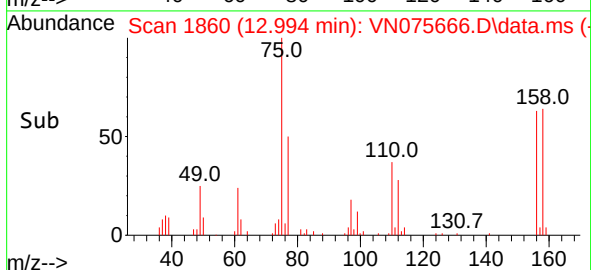
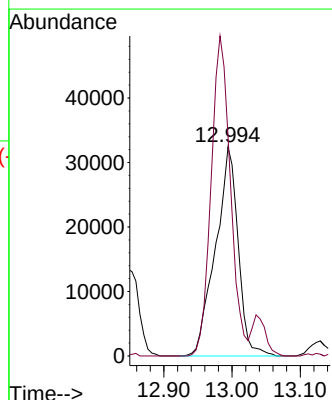
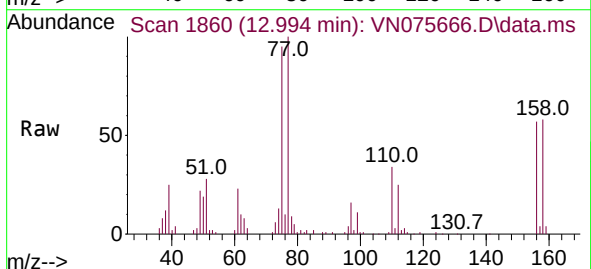
Acq: 09 Dec 2022 13:45

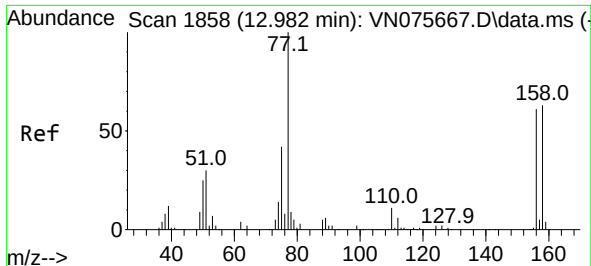
Tgt Ion: 75 Resp: 74908

Ion Ratio Lower Upper

75 100

77 130.6 81.8 245.4

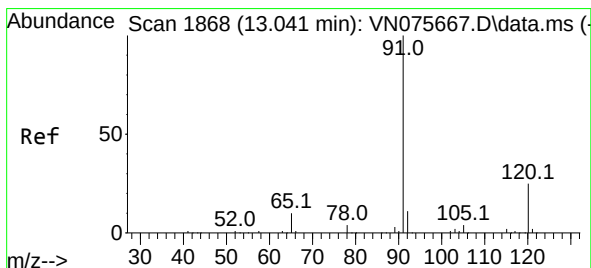
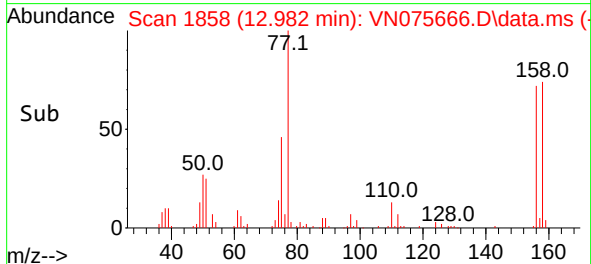
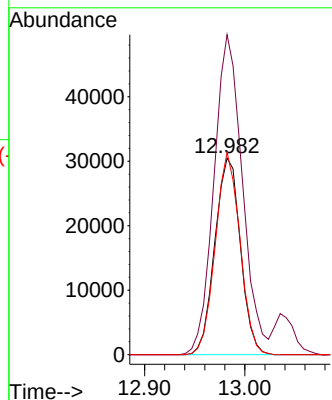
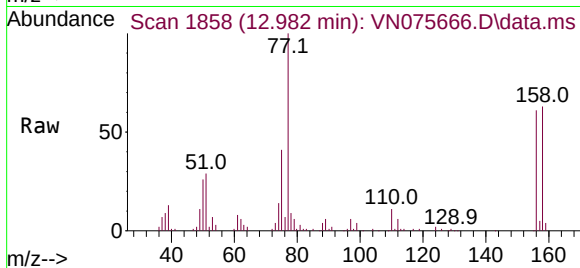




#77
Bromobenzene
Concen: 19.441 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

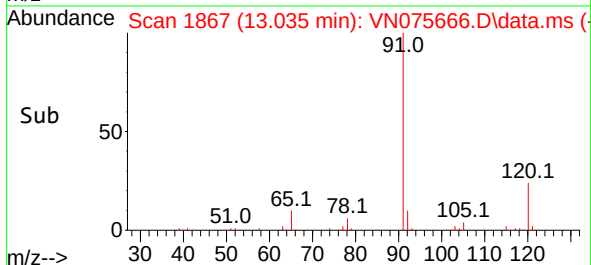
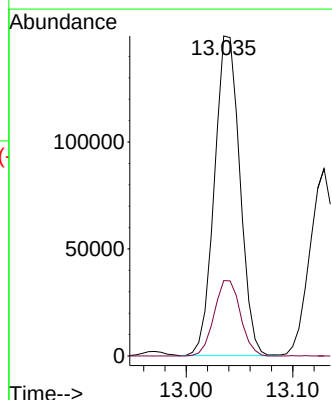
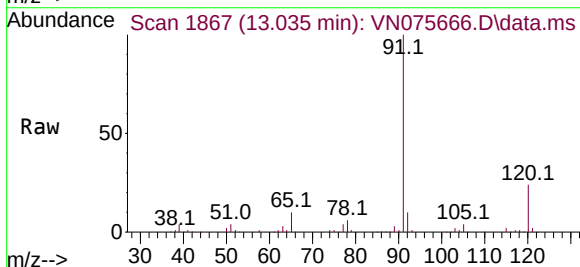
Instrument :
MSVOA_N
ClientSampleId :

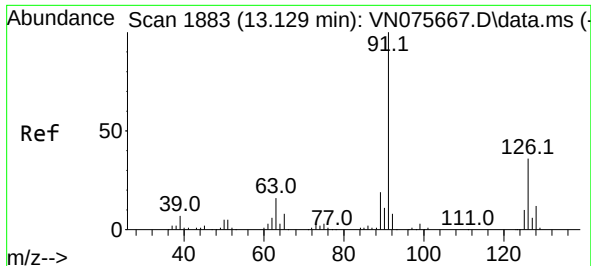
Tgt Ion:156 Resp: 54097
Ion Ratio Lower Upper
156 100
77 180.9 90.8 272.5
158 98.9 49.3 147.8



#78
n-propylbenzene
Concen: 20.178 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 91 Resp: 247750
Ion Ratio Lower Upper
91 100
120 24.3 12.1 36.3

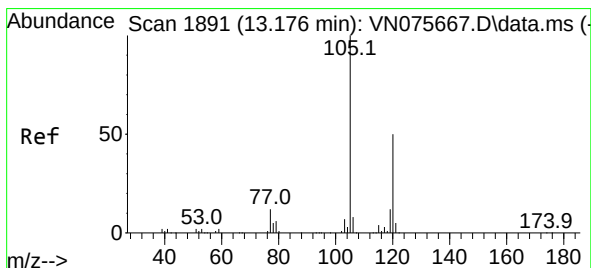
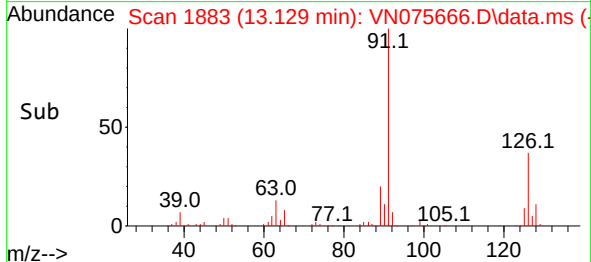
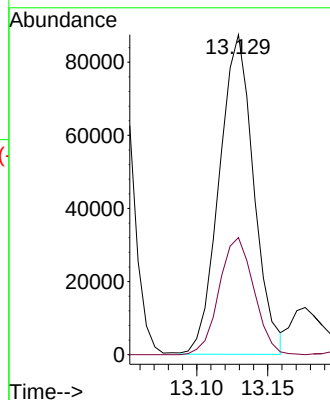
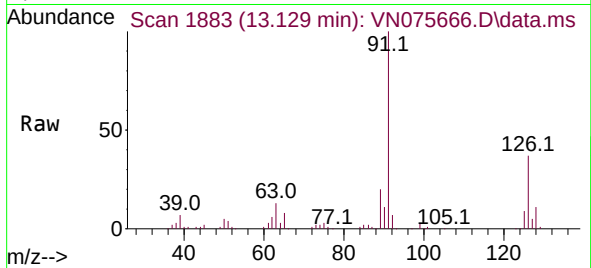




#79
2-Chlorotoluene
Concen: 19.526 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

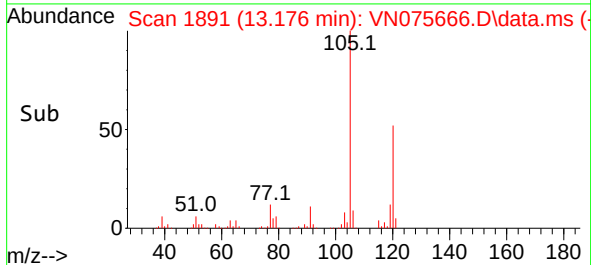
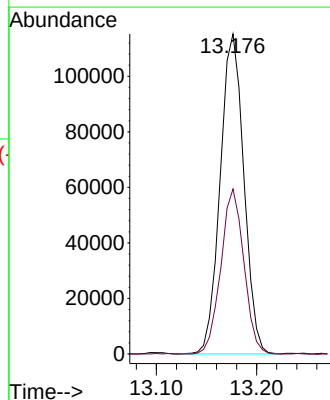
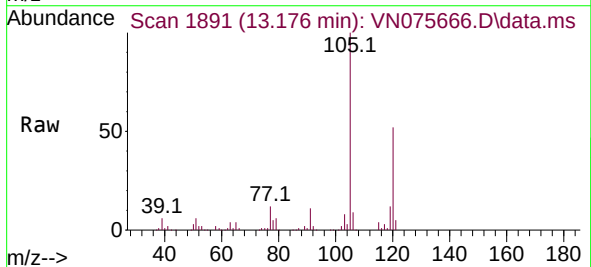
Instrument :
MSVOA_N
ClientSampleId :

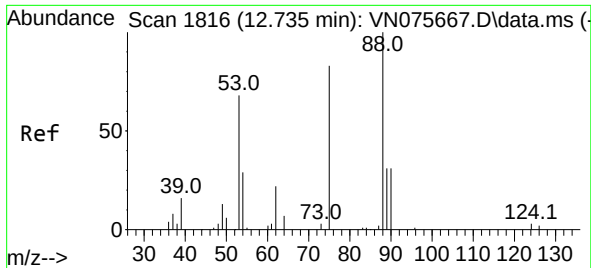
Tgt Ion: 91 Resp: 148014
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 20.377 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:105 Resp: 188503
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6

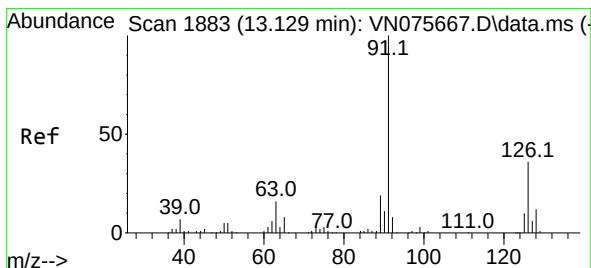
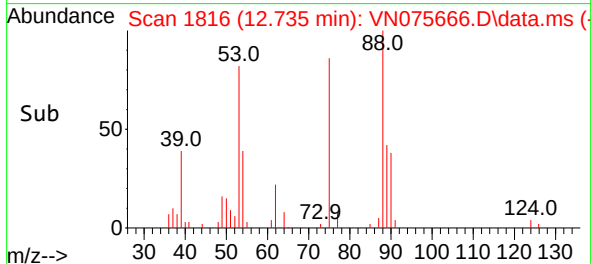
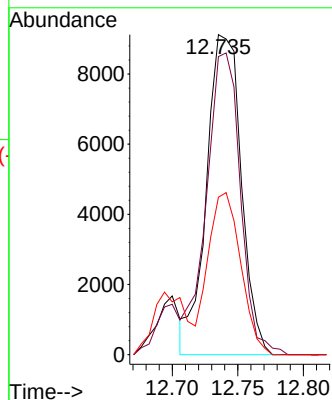
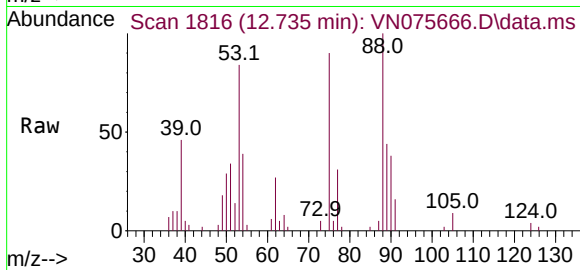




#81
trans-1,4-Dichloro-2-butene
Concen: 19.410 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

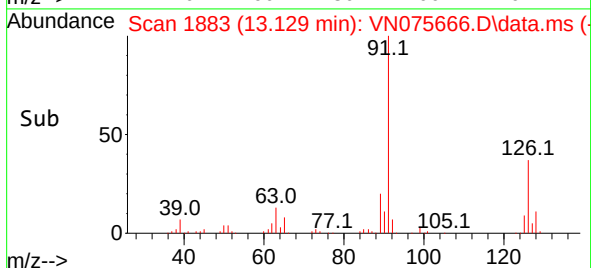
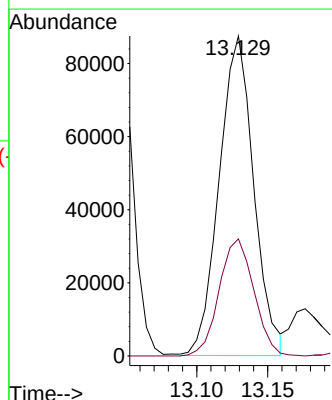
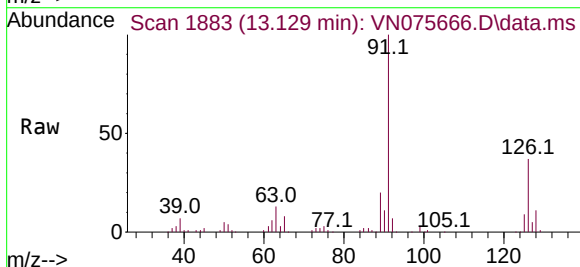
Instrument :
MSVOA_N
ClientSampleId :

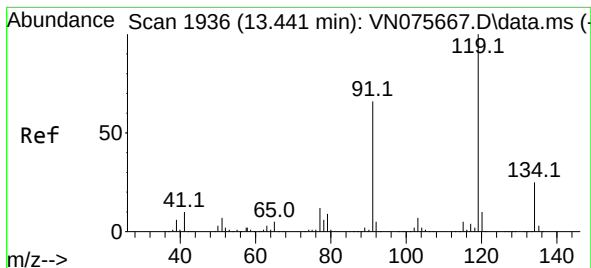
Tgt Ion: 75 Resp: 16787
Ion Ratio Lower Upper
75 100
53 92.9 72.4 108.6
89 47.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.526 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion: 91 Resp: 148014
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.4

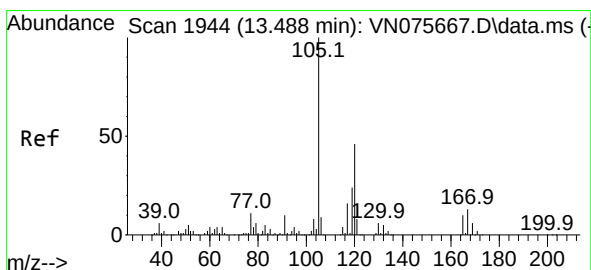
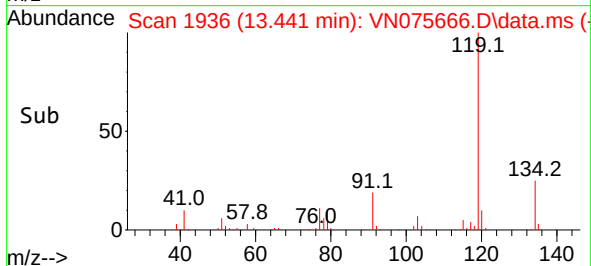
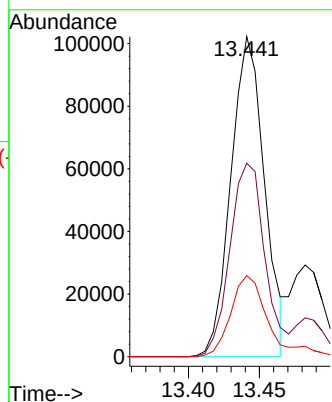
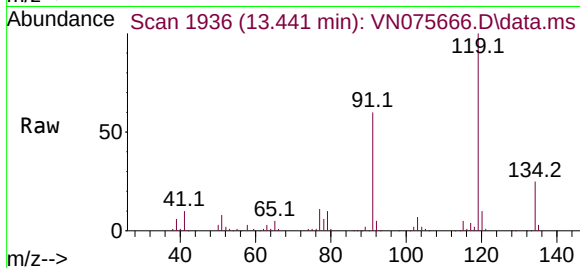




#83
tert-Butylbenzene
Concen: 20.008 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

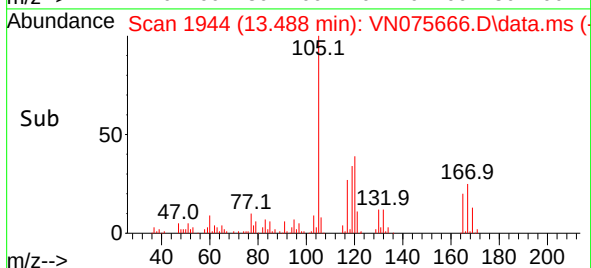
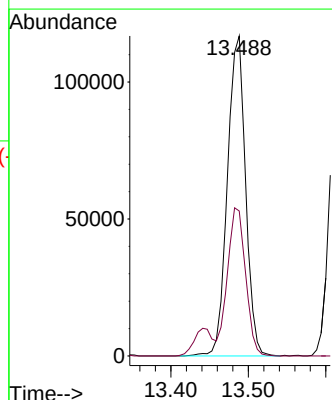
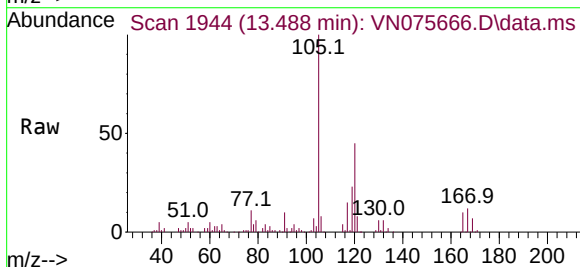
Instrument :
MSVOA_N
ClientSampleId :

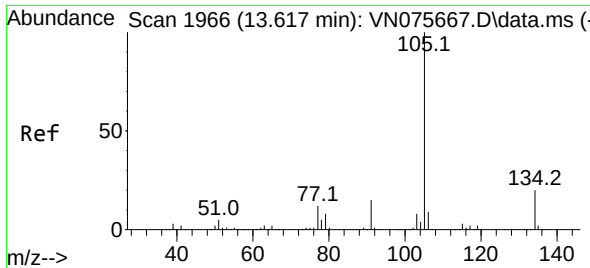
Tgt Ion:119 Resp: 167854
Ion Ratio Lower Upper
119 100
91 63.5 31.9 95.9
134 28.2 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 20.499 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:105 Resp: 190595
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

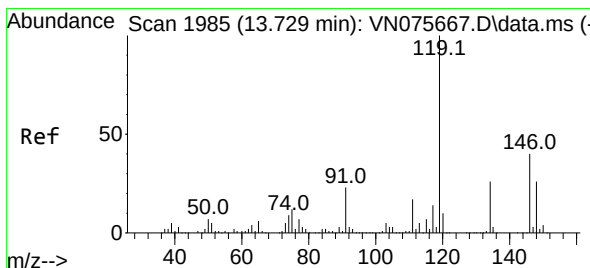
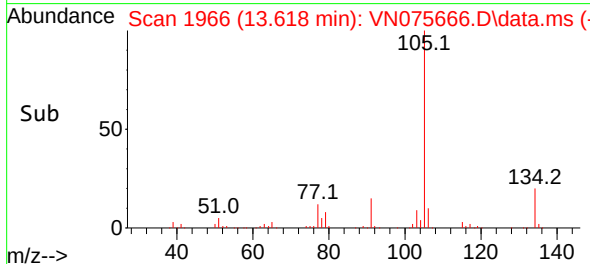
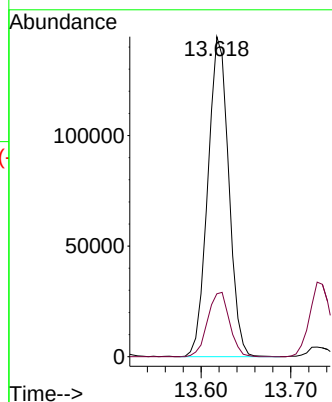
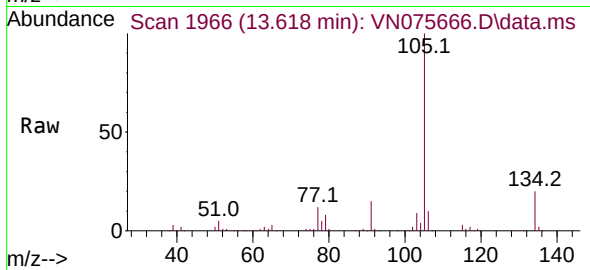




#85
 sec-Butylbenzene
 Concen: 20.284 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

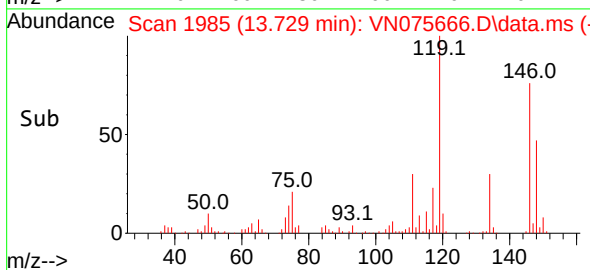
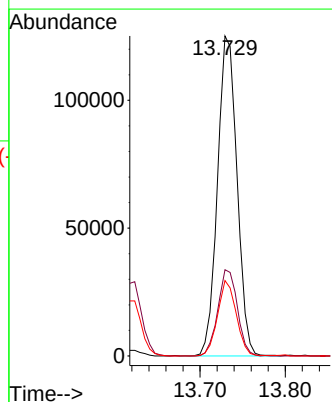
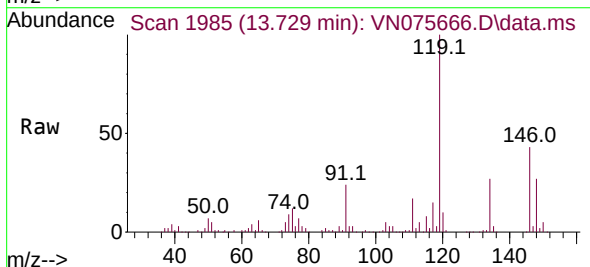
Instrument :
 MSVOA_N
 ClientSampleId :

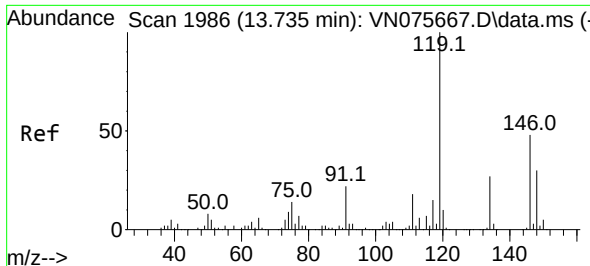
Tgt Ion:105 Resp: 233937
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.671 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion:119 Resp: 199474
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.5 11.4 34.1

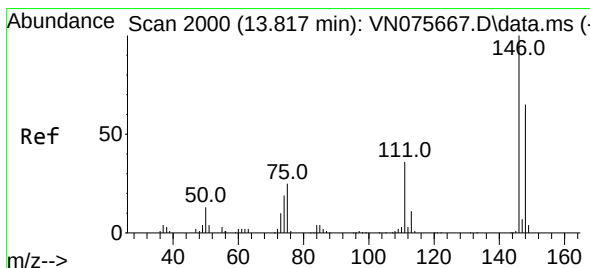
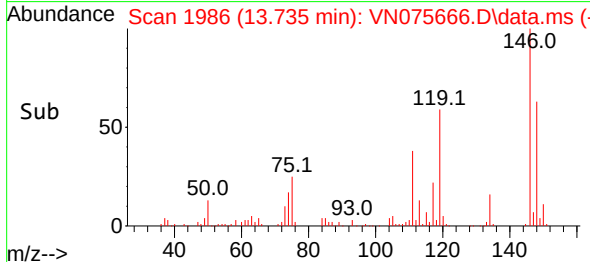
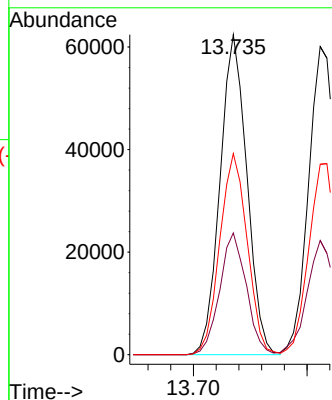
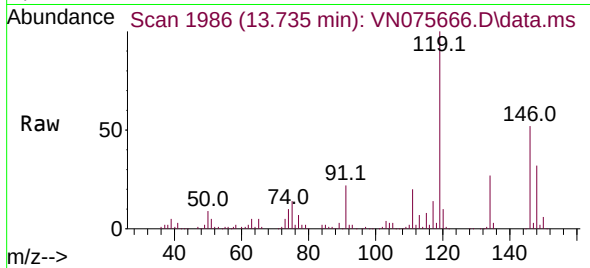




#87
 1,3-Dichlorobenzene
 Concen: 19.702 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

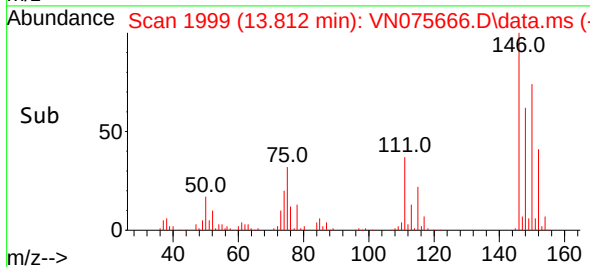
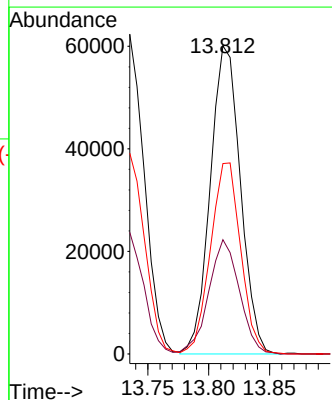
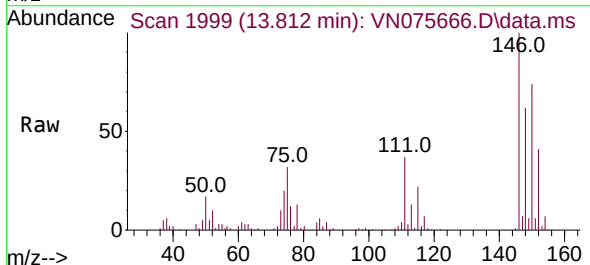
Instrument :
 MSVOA_N
 ClientSampleId :

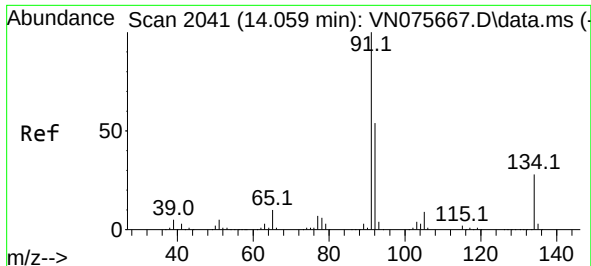
Tgt Ion:146 Resp: 102529
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.8 59.3
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.584 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VN075666.D
 Acq: 09 Dec 2022 13:45

Tgt Ion:146 Resp: 103662
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 62.1 32.1 96.3





#89

n-Butylbenzene

Concen: 19.871 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

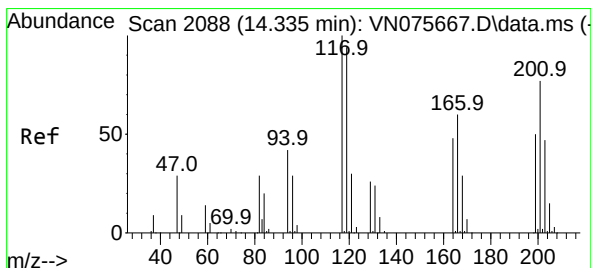
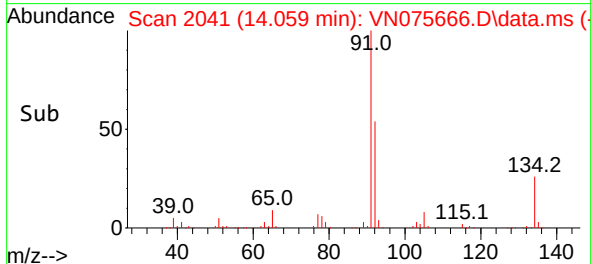
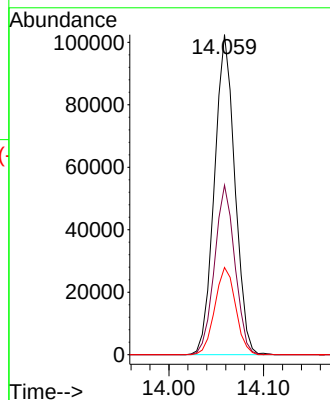
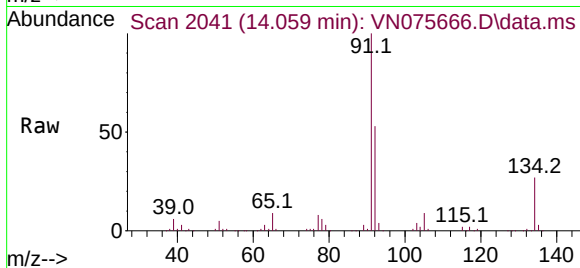
Tgt Ion: 91 Resp: 153690

Ion Ratio Lower Upper

91 100

92 52.7 26.7 80.1

134 27.6 13.9 41.7



#90

Hexachloroethane

Concen: 20.368 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075666.D

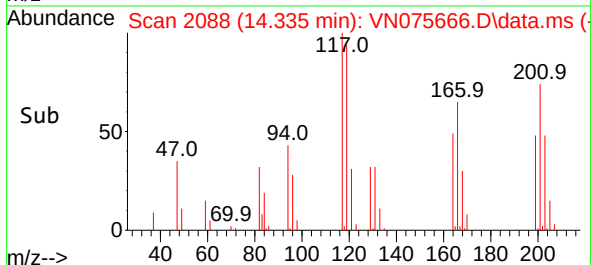
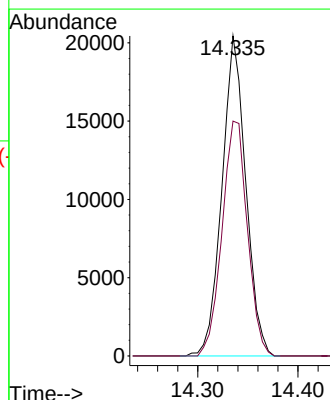
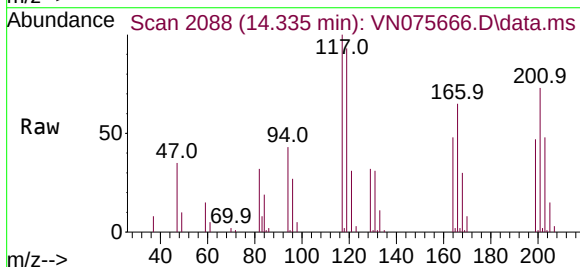
Acq: 09 Dec 2022 13:45

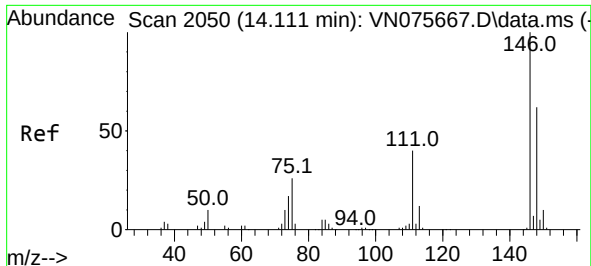
Tgt Ion: 117 Resp: 33667

Ion Ratio Lower Upper

117 100

201 77.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 19.603 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

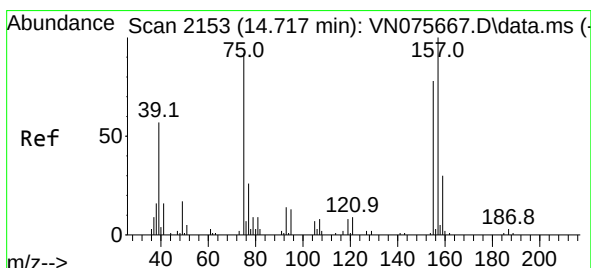
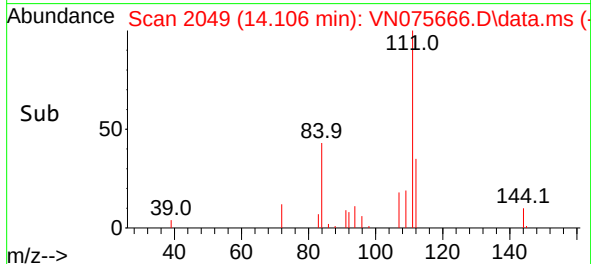
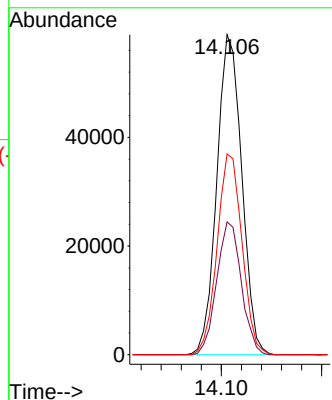
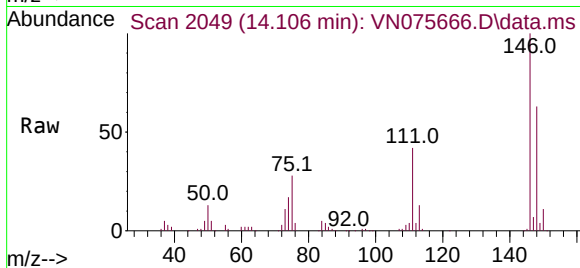
Tgt Ion:146 Resp: 101509

Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.3

148 62.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.524 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

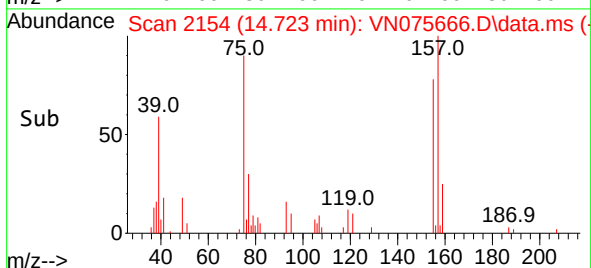
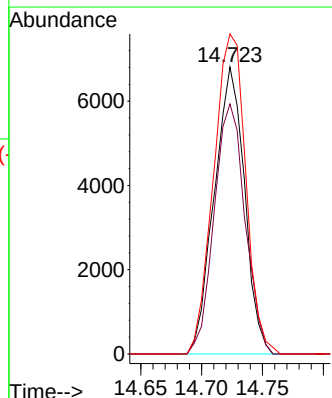
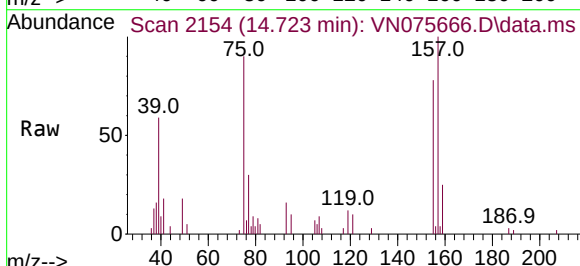
Tgt Ion: 75 Resp: 11756

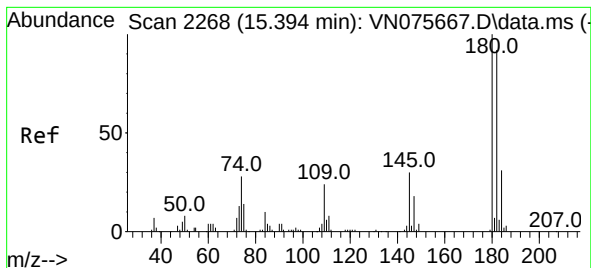
Ion Ratio Lower Upper

75 100

155 88.9 48.4 145.2

157 118.5 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 20.190 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075666.D

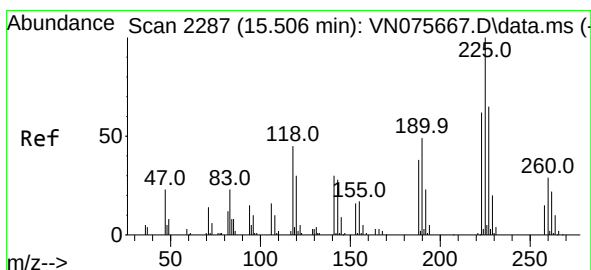
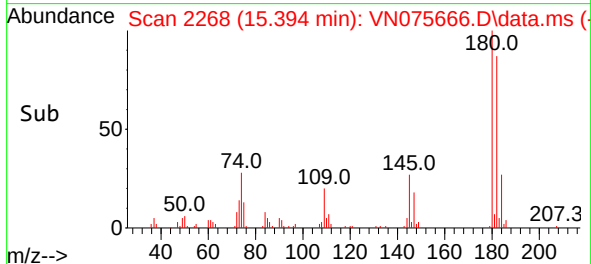
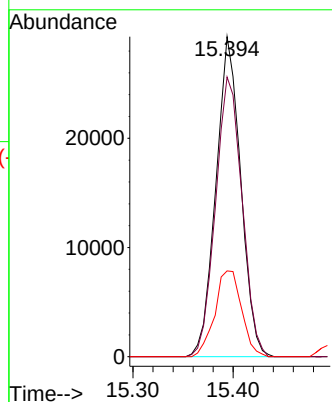
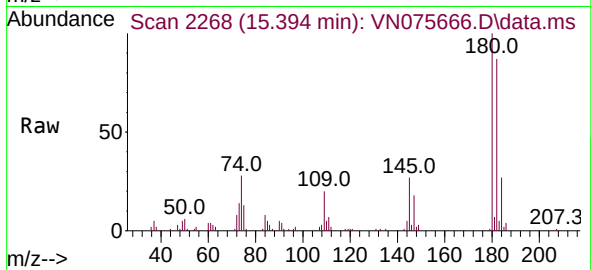
Acq: 09 Dec 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	50196
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.1 141.3
145	29.0	15.2 45.5



#94

Hexachlorobutadiene

Concen: 19.855 ug/l

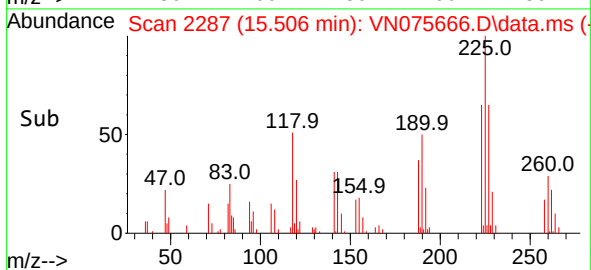
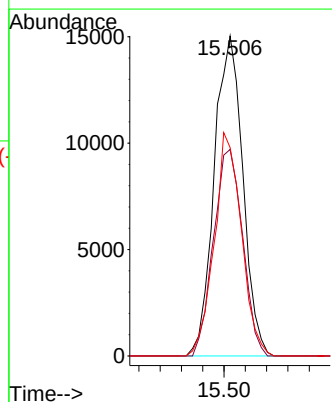
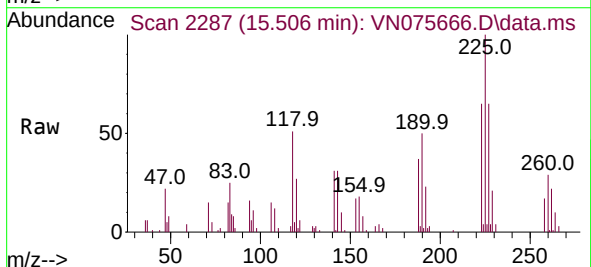
RT: 15.506 min Scan# 2287

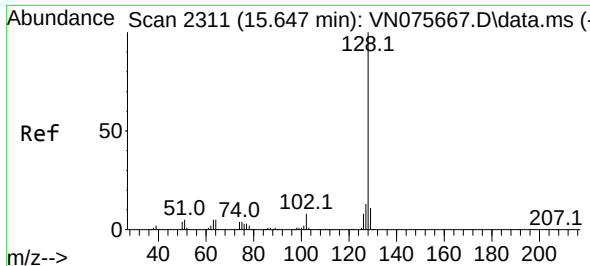
Delta R.T. 0.000 min

Lab File: VN075666.D

Acq: 09 Dec 2022 13:45

Tgt Ion:225	Resp:	28006
Ion Ratio	Lower	Upper
225	100	
223	65.6	31.4 94.2
227	66.0	31.3 93.9

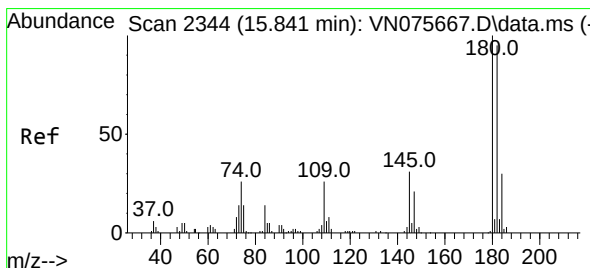
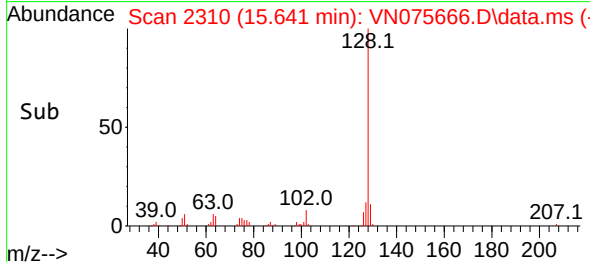
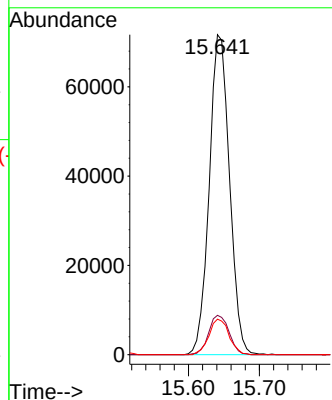
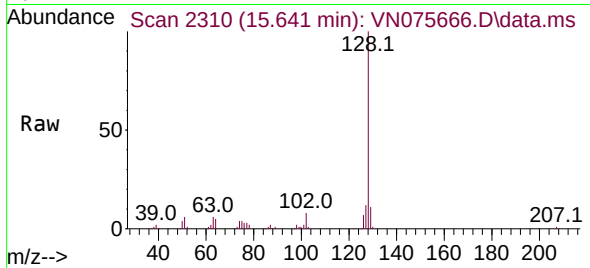




#95
Naphthalene
Concen: 19.335 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp: 142069
Ion Ratio	Lower Upper
128 100	
127 12.3	10.2 15.4
129 11.1	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.734 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075666.D
Acq: 09 Dec 2022 13:45

Tgt Ion:180	Resp: 48208
Ion Ratio	Lower Upper
180 100	
182 96.8	46.8 140.4
145 32.1	15.6 46.8

