

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076042.D
 Acq On : 29 Dec 2022 12:31
 Operator : JC\MD
 Sample : VN1229WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

Quant Time: Dec 30 05:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	497057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	447334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171757	50.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.320%
35) Dibromofluoromethane	8.171	113	162475	52.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	10.571	98	597808	51.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.853	95	202221	53.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	66343	29.980	ug/l	100
3) Chloromethane	2.377	50	62409	22.680	ug/l	96
4) Vinyl Chloride	2.530	62	73768	22.474	ug/l	98
5) Bromomethane	2.965	94	60597	21.723	ug/l	98
6) Chloroethane	3.136	64	52138	21.450	ug/l	96
7) Trichlorofluoromethane	3.512	101	110859	22.258	ug/l	98
8) Diethyl Ether	3.983	74	38613	21.226	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	63075	22.178	ug/l	98
10) Methyl Iodide	4.600	142	97786	21.186	ug/l	98
11) Tert butyl alcohol	5.536	59	46121	96.133	ug/l	98
12) 1,1-Dichloroethene	4.353	96	58765	21.275	ug/l	94
13) Acrolein	4.195	56	58559	99.560	ug/l	98
14) Allyl chloride	5.042	41	65942	20.422	ug/l	89
15) Acrylonitrile	5.730	53	131320	100.302	ug/l	99
16) Acetone	4.442	43	126672	108.378	ug/l	96
17) Carbon Disulfide	4.730	76	142547	21.314	ug/l	97
18) Methyl Acetate	5.042	43	69995	20.260	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	200271	22.017	ug/l	95
20) Methylene Chloride	5.289	84	66391	20.861	ug/l	# 92
21) trans-1,2-Dichloroethene	5.800	96	65151	21.537	ug/l	86
22) Diisopropyl ether	6.683	45	166154	21.182	ug/l	99
23) Vinyl Acetate	6.618	43	536205	101.560	ug/l	99
24) 1,1-Dichloroethane	6.583	63	107652	20.578	ug/l	99
25) 2-Butanone	7.488	43	168529	102.979	ug/l	96
26) 2,2-Dichloropropane	7.494	77	97030	21.902	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	75625	20.903	ug/l	100
28) Bromochloromethane	7.824	49	43645	19.035	ug/l	100
29) Tetrahydrofuran	7.847	42	104679	102.069	ug/l	97
30) Chloroform	7.971	83	119823	20.343	ug/l	96
31) Cyclohexane	8.265	56	96133	19.797	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	110189	21.101	ug/l	96
36) 1,1-Dichloropropene	8.377	75	86156	21.070	ug/l	97
37) Ethyl Acetate	7.565	43	70220	21.379	ug/l	99
38) Carbon Tetrachloride	8.371	117	100070	21.866	ug/l	98
39) Methylcyclohexane	9.606	83	112986	22.903	ug/l	95
40) Benzene	8.612	78	264729	20.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	35310	20.682	ug/l	97
42) 1,2-Dichloroethane	8.677	62	87855	20.946	ug/l	98
43) Isopropyl Acetate	8.694	43	121036	22.339	ug/l	99
44) Trichloroethene	9.359	130	73999	20.820	ug/l	88
45) 1,2-Dichloropropane	9.630	63	63190	20.582	ug/l	98
46) Dibromomethane	9.712	93	48477	21.289	ug/l	98
47) Bromodichloromethane	9.894	83	93522	20.943	ug/l	96
48) Methyl methacrylate	9.688	41	52318	21.439	ug/l	96
49) 1,4-Dioxane	9.700	88	24824	413.787	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	348940	106.494	ug/l	100
52) Toluene	10.635	92	178826	21.764	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	95012	21.736	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	104832	21.843	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	69158	21.444	ug/l	97
56) Ethyl methacrylate	10.876	69	95518	22.298	ug/l	99
57) 1,3-Dichloropropane	11.165	76	110915	20.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	133044	97.549	ug/l	98
59) 2-Hexanone	11.200	43	253268	105.990	ug/l	100
60) Dibromochloromethane	11.359	129	76233	21.255	ug/l	100
61) 1,2-Dibromoethane	11.471	107	71267	21.836	ug/l	98
64) Tetrachloroethene	11.106	164	74706	23.733	ug/l	99
65) Chlorobenzene	11.894	112	192061	20.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	71657	21.071	ug/l	99
67) Ethyl Benzene	11.965	91	335940	21.679	ug/l	99
68) m/p-Xylenes	12.076	106	270173	44.050	ug/l	99
69) o-Xylene	12.400	106	131959	21.741	ug/l	99
70) Styrene	12.412	104	211851	21.952	ug/l	99
71) Bromoform	12.582	173	53095	21.456	ug/l #	95
73) Isopropylbenzene	12.700	105	346374	22.560	ug/l	100
74) N-amyl acetate	12.500	43	97162	21.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	95331	20.085	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113637	26.533	ug/l	75
77) Bromobenzene	12.982	156	83694	21.539	ug/l	96
78) n-propylbenzene	13.041	91	377618	22.299	ug/l	99
79) 2-Chlorotoluene	13.129	91	225917	21.372	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	289483	22.528	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26644	22.393	ug/l	96
82) 4-Chlorotoluene	13.129	91	225917	21.372	ug/l	99
83) tert-Butylbenzene	13.441	119	253038	22.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	288311	22.616	ug/l	98
85) sec-Butylbenzene	13.617	105	350047	22.385	ug/l	98
86) p-Isopropyltoluene	13.729	119	294978	22.670	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	148684	20.715	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	146995	20.047	ug/l	98
89) n-Butylbenzene	14.059	91	223330	21.186	ug/l	99
90) Hexachloroethane	14.335	117	50733	21.797	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	150055	21.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14952	17.753	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	71478	20.422	ug/l	99
94) Hexachlorobutadiene	15.500	225	39091	20.471	ug/l	98
95) Naphthalene	15.641	128	210897	19.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70260	21.477	ug/l	98

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ClientSampleId :
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QLast Update : Wed Dec 14 13:03:41 2022
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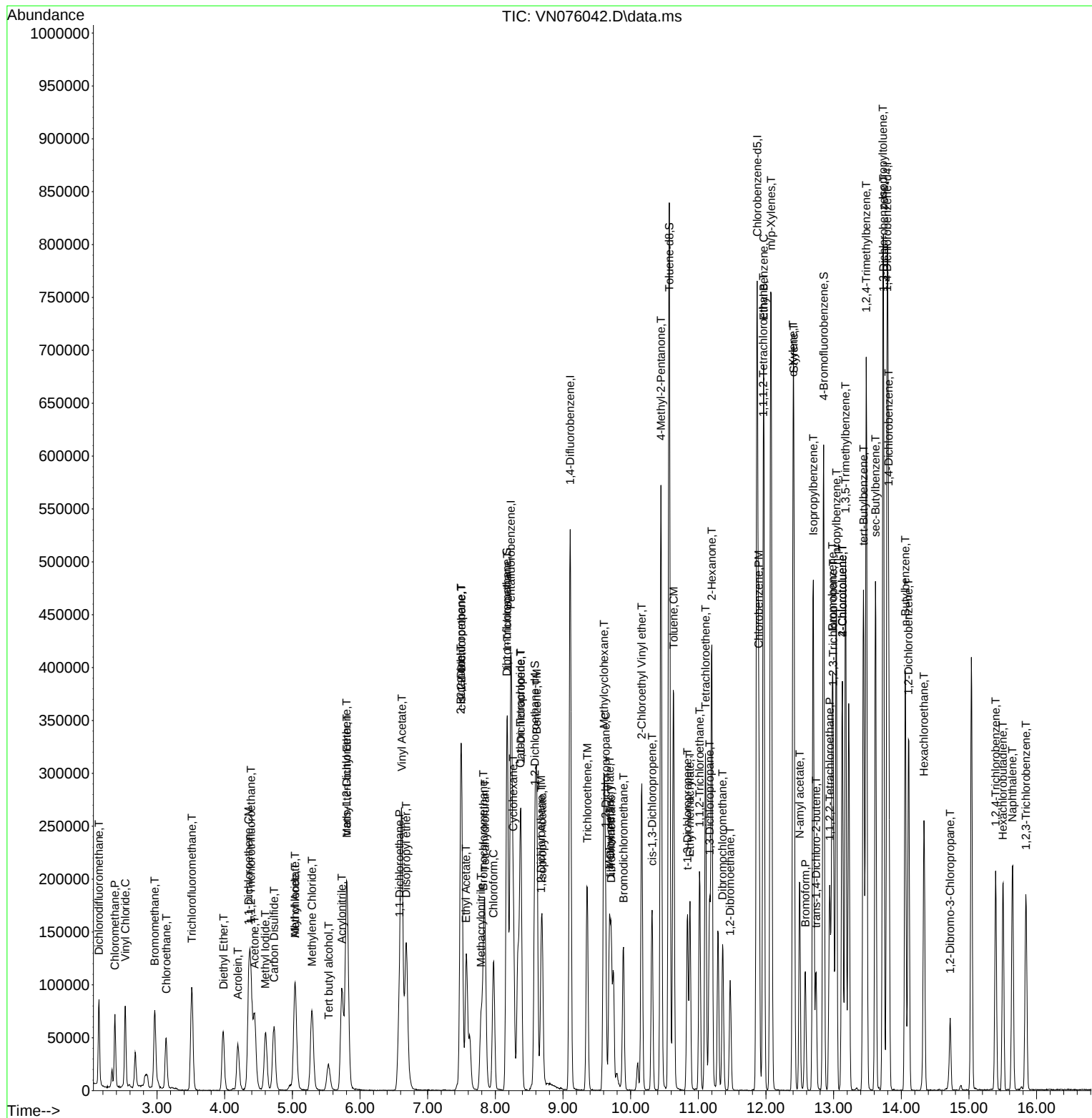
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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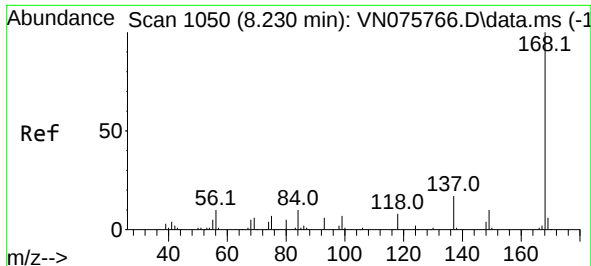
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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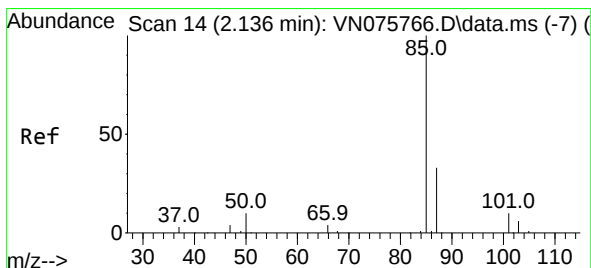
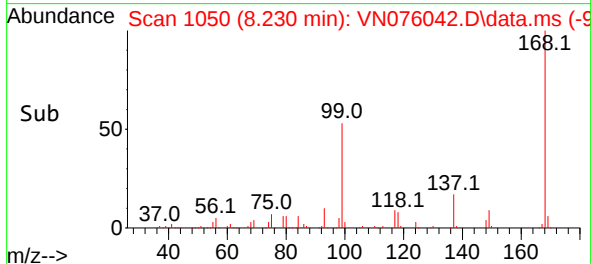
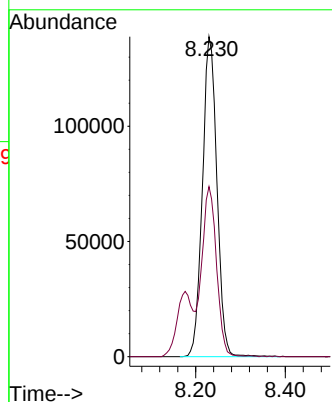
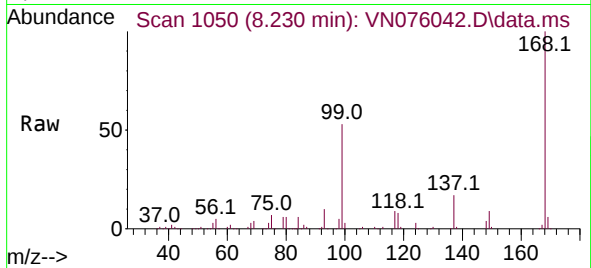




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
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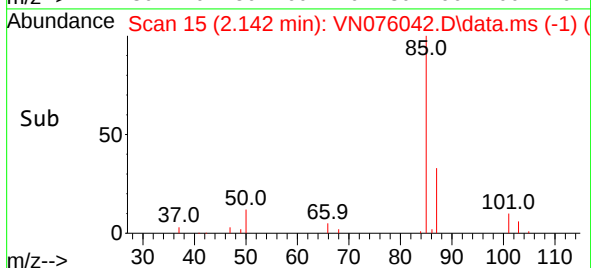
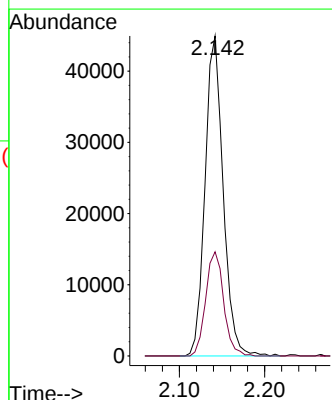
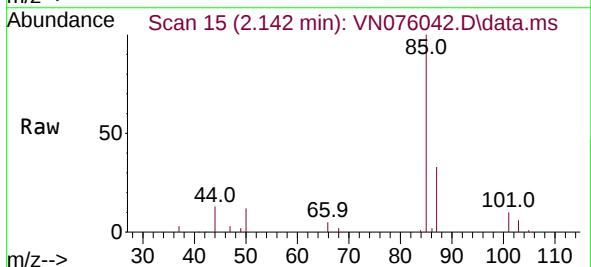
Instrument :
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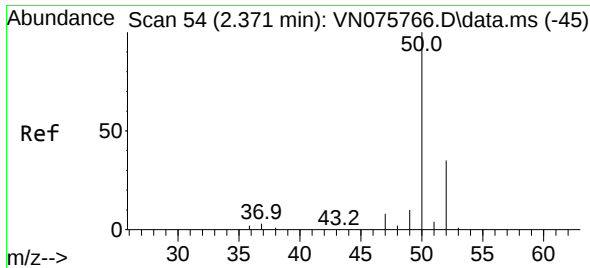
Tgt Ion:168 Resp: 311662
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 29.980 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 85 Resp: 66343
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9

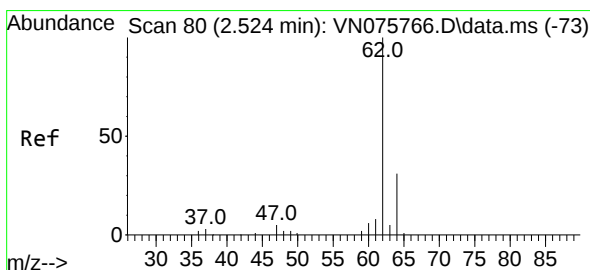
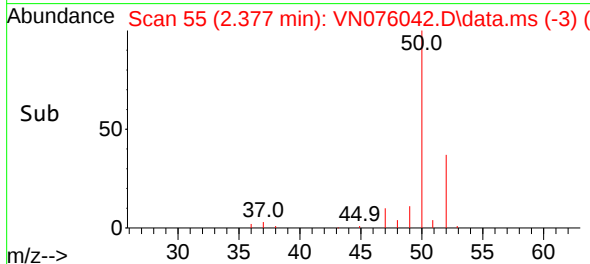
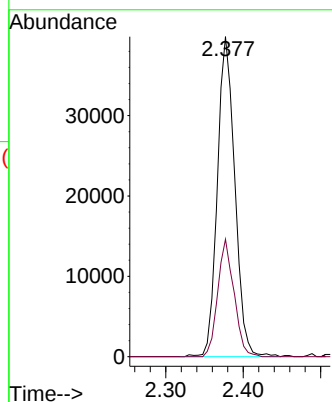
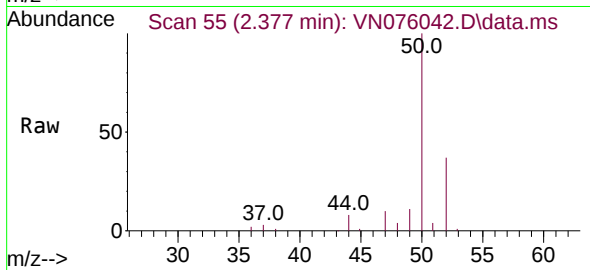




#3
Chloromethane
Concen: 22.680 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

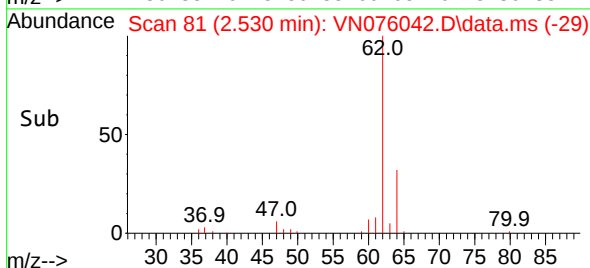
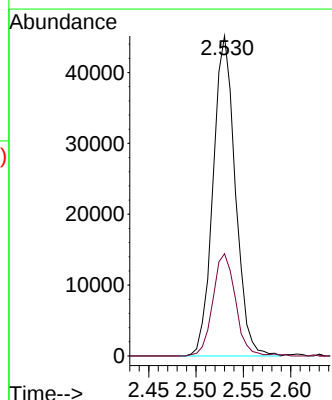
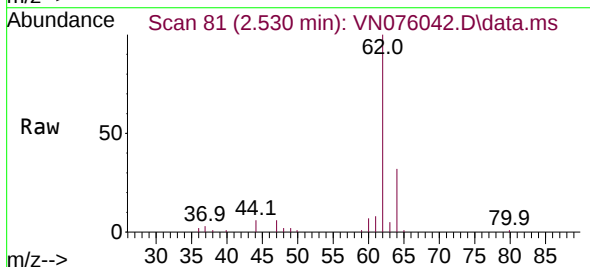
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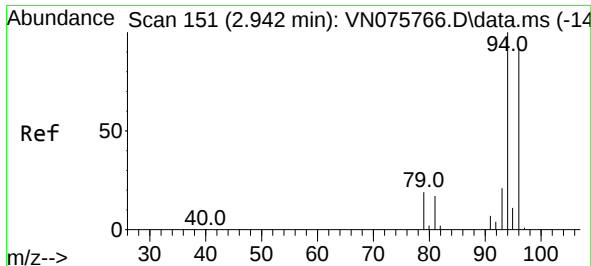
Tgt Ion: 50 Resp: 62409
Ion Ratio Lower Upper
50 100
52 36.7 27.7 41.5



#4
Vinyl Chloride
Concen: 22.474 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 62 Resp: 73768
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3

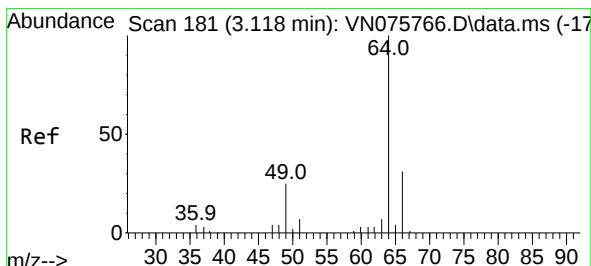
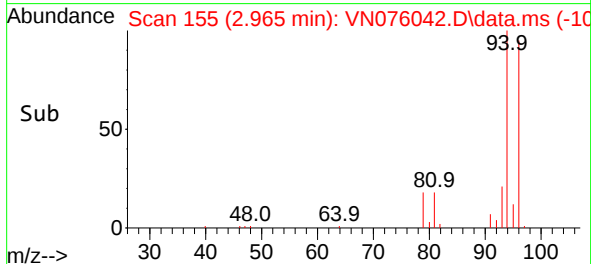
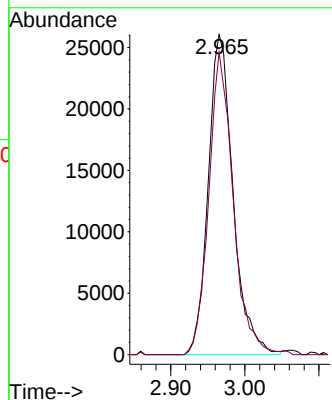
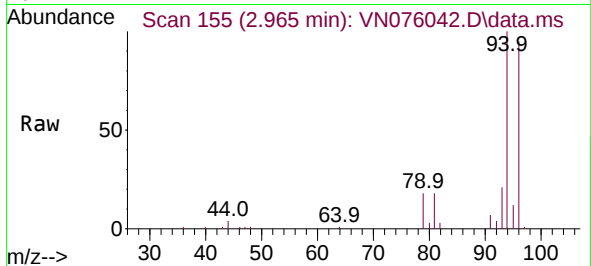




#5
Bromomethane
Concen: 21.723 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076042.D
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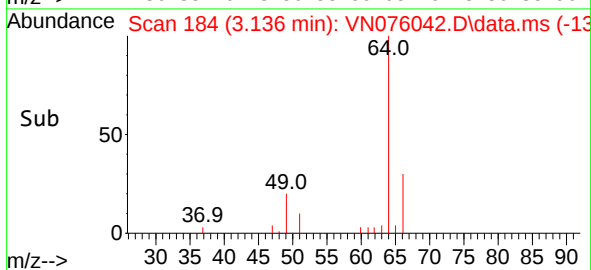
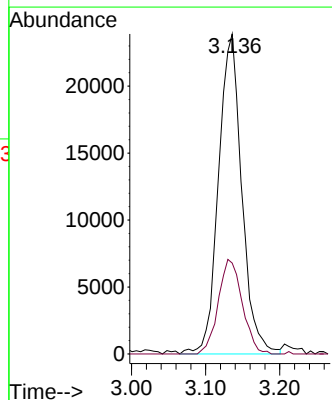
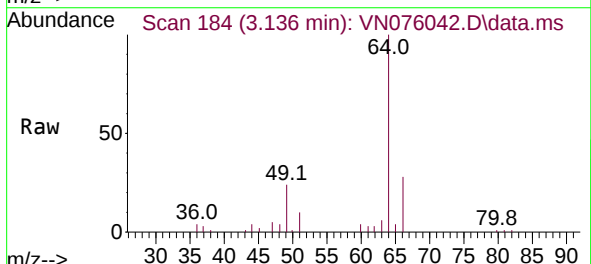
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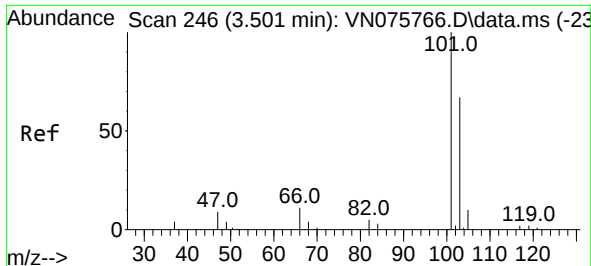
Tgt Ion: 94 Resp: 60597
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.6



#6
Chloroethane
Concen: 21.450 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN076042.D
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Tgt Ion: 64 Resp: 52138
Ion Ratio Lower Upper
64 100
66 28.4 24.6 36.8

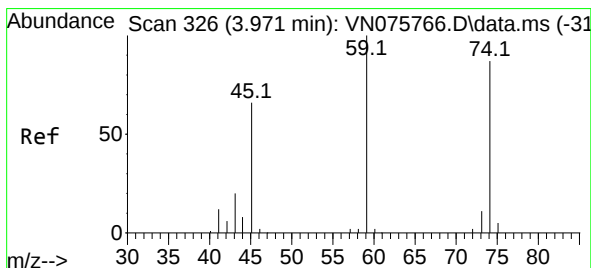
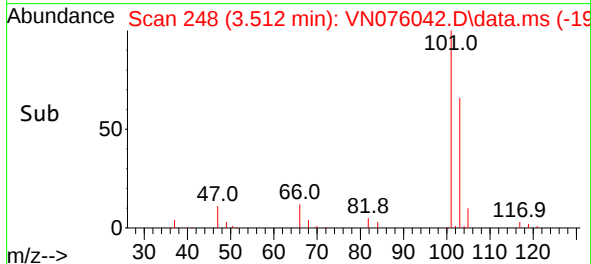
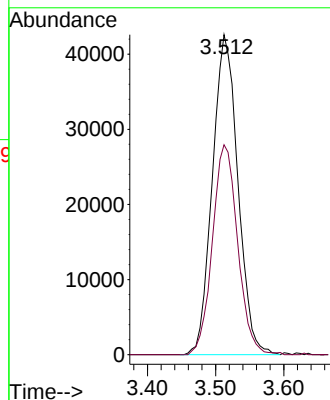
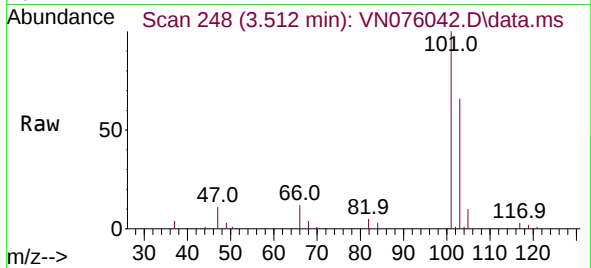




#7
 Trichlorofluoromethane
 Concen: 22.258 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

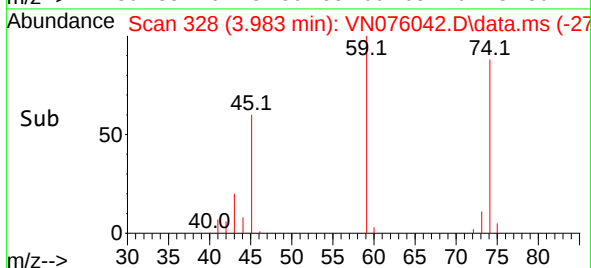
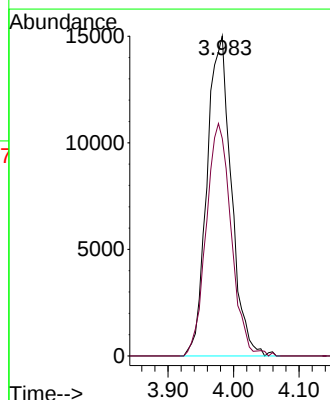
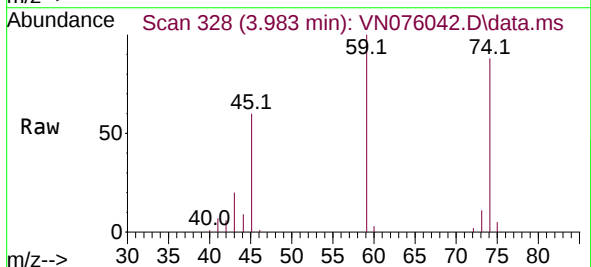
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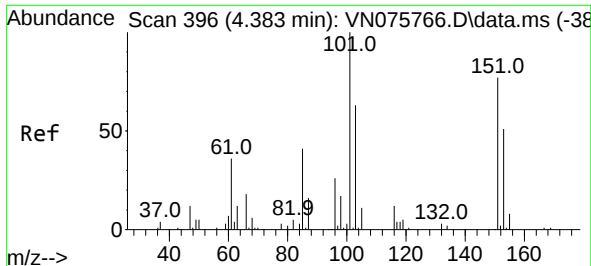
Tgt Ion:101 Resp: 110859
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.4 80.2



#8
 Diethyl Ether
 Concen: 21.226 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.012 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion: 74 Resp: 38613
 Ion Ratio Lower Upper
 74 100
 45 74.8 37.8 113.4

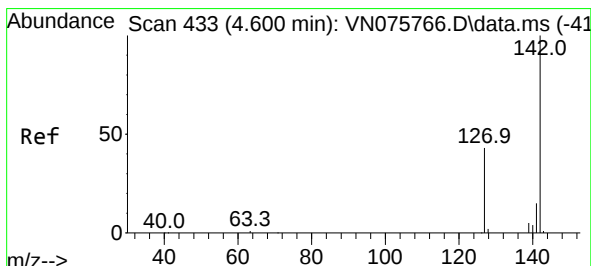
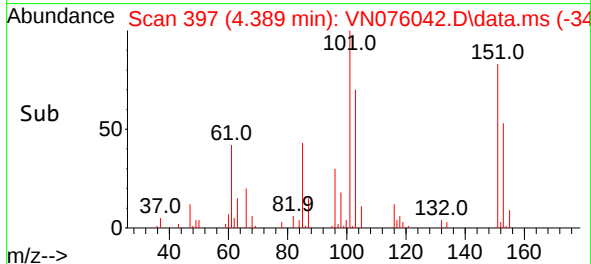
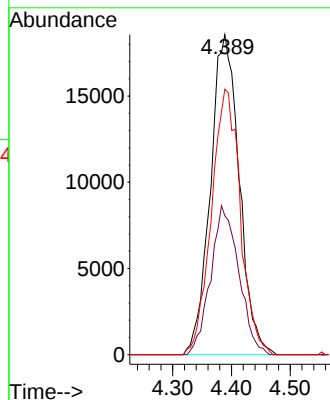
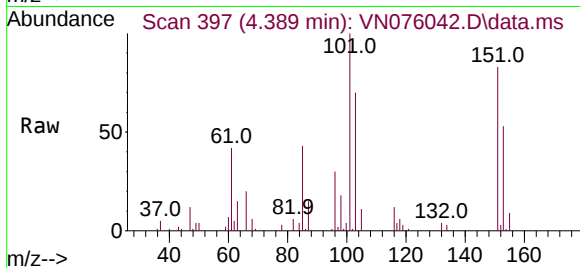




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.178 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

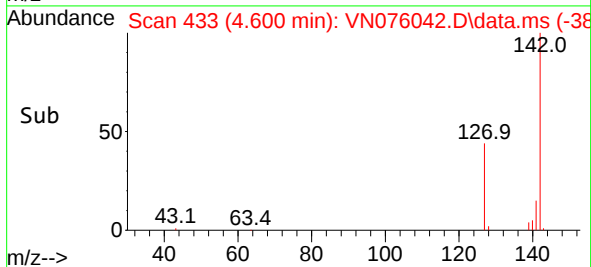
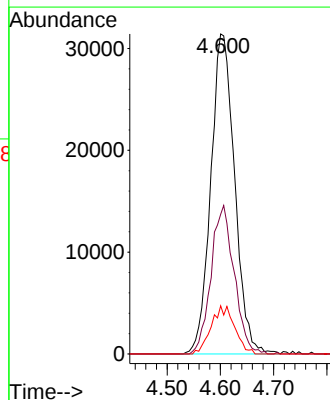
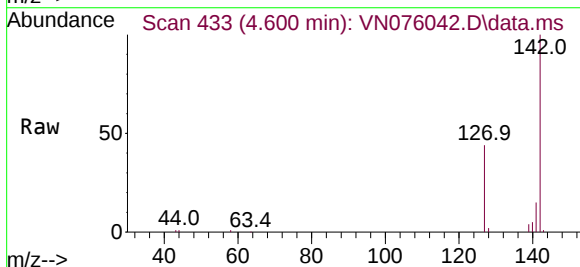
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

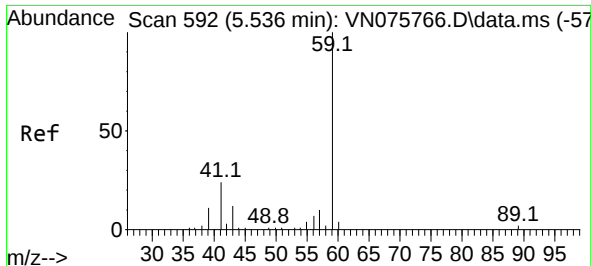
Tgt Ion:101 Resp: 63075
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.3 52.9
 151 83.3 65.6 98.4



#10
 Methyl Iodide
 Concen: 21.186 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion:142 Resp: 97786
 Ion Ratio Lower Upper
 142 100
 127 45.0 34.7 52.1
 141 14.7 11.4 17.2

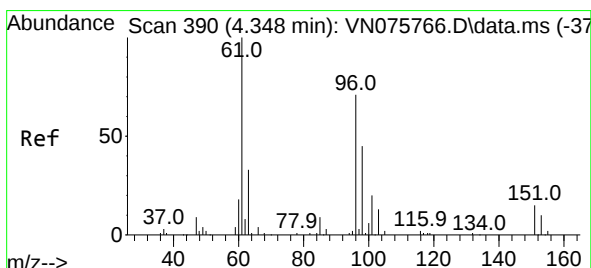
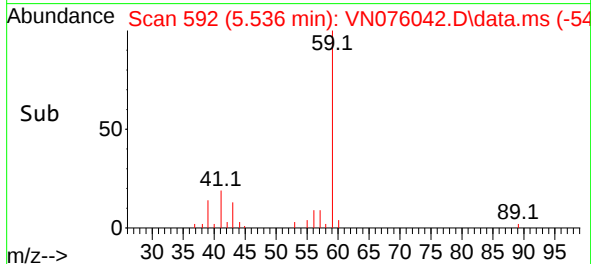
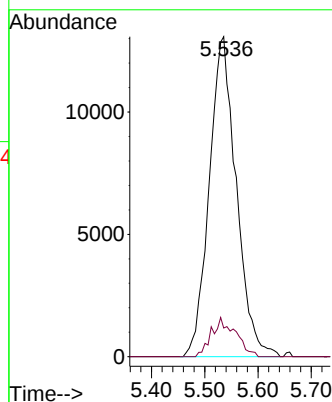
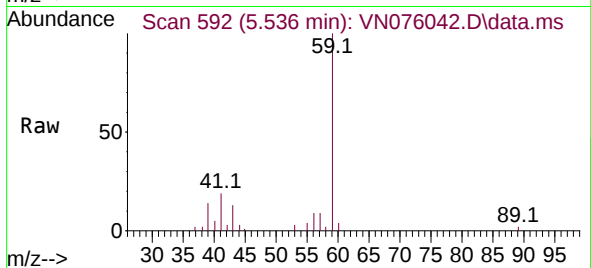




#11
Tert butyl alcohol
Concen: 96.133 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

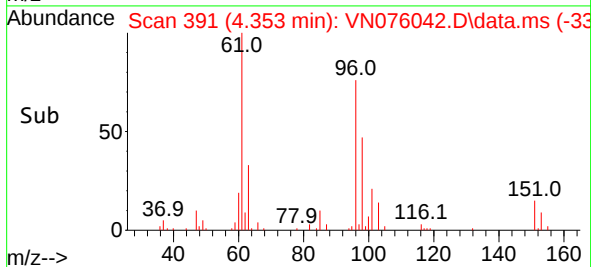
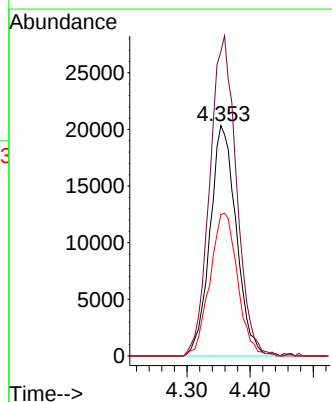
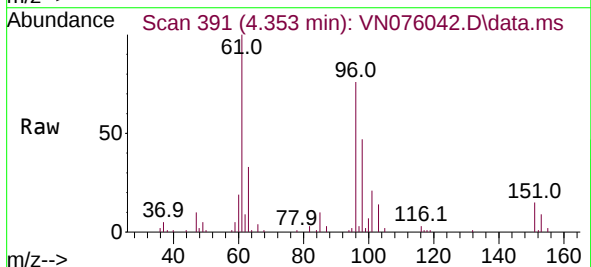
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

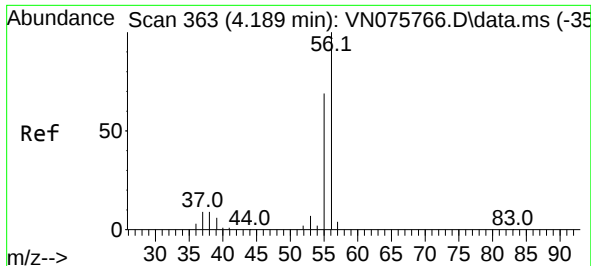
Tgt Ion: 59 Resp: 46121
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.275 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 96 Resp: 58765
Ion Ratio Lower Upper
96 100
61 132.0 113.3 169.9
98 61.4 50.9 76.3

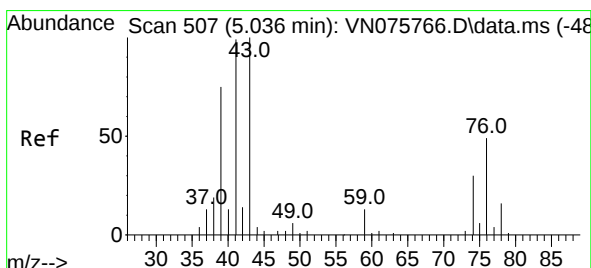
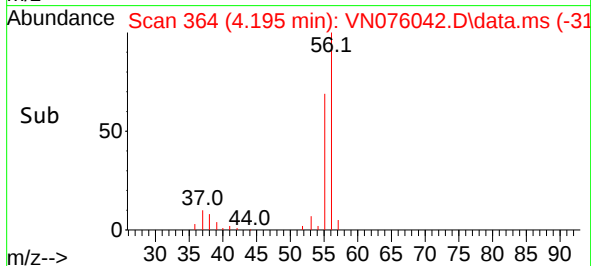
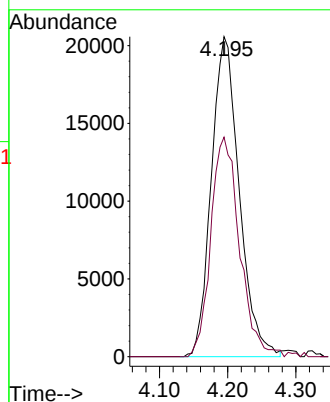
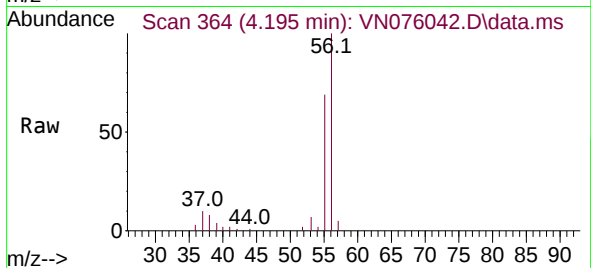




#13
Acrolein
Concen: 99.560 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

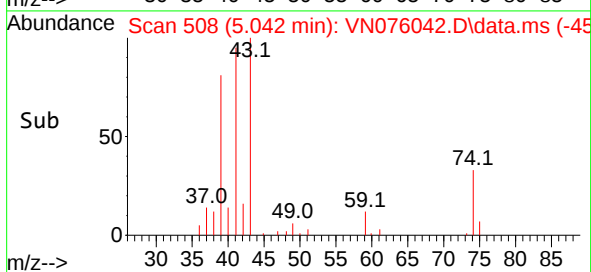
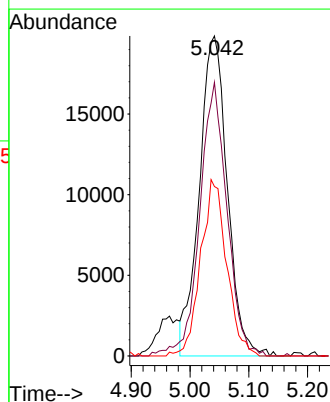
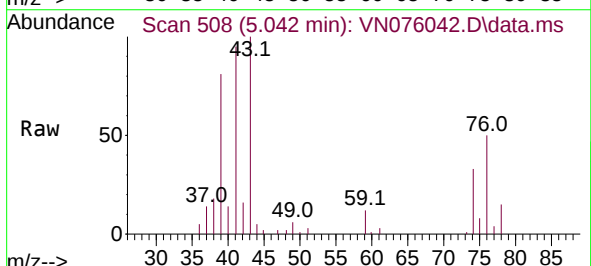
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

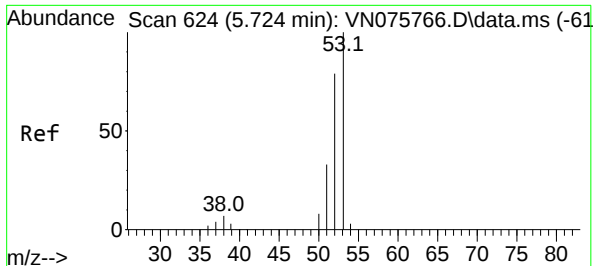
Tgt Ion: 56 Resp: 58559
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2



#14
Allyl chloride
Concen: 20.422 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 41 Resp: 65942
Ion Ratio Lower Upper
41 100
39 82.9 58.3 87.5
76 51.1 35.8 53.6

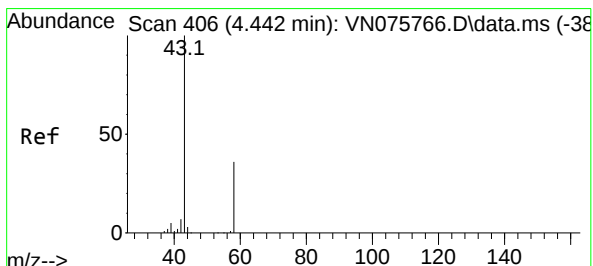
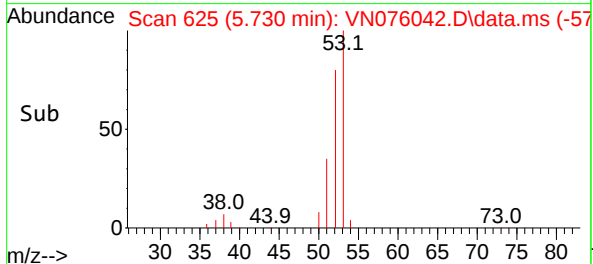
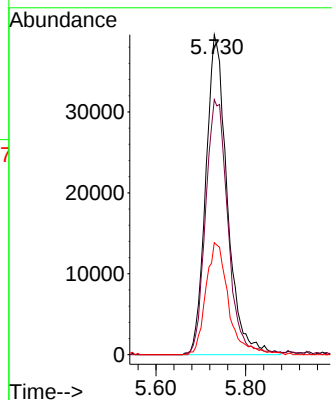
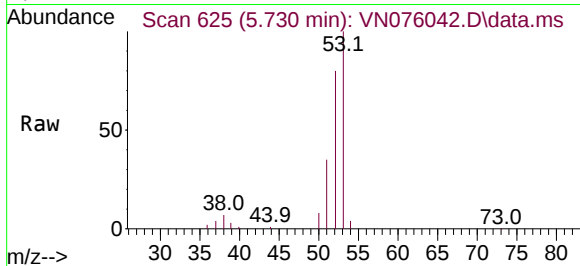




#15
Acrylonitrile
Concen: 100.302 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

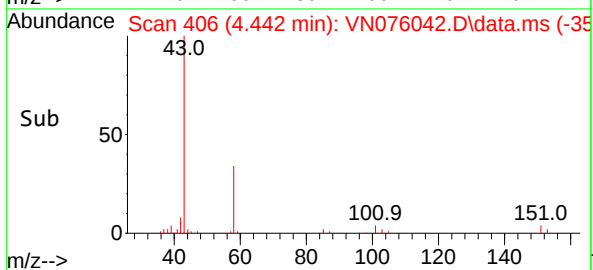
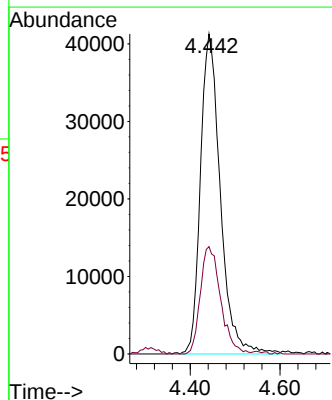
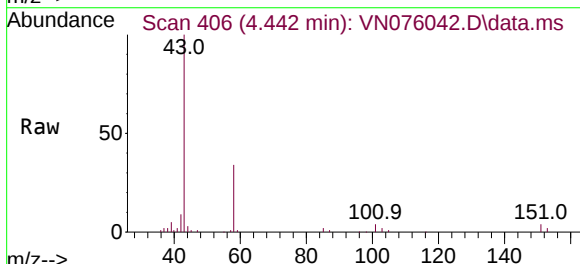
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

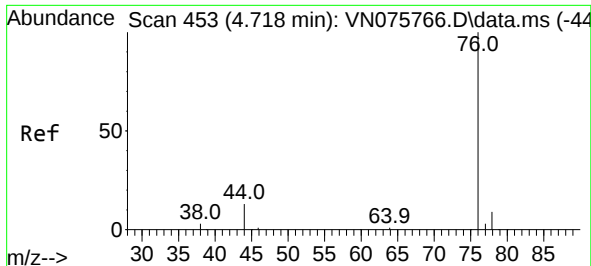
Tgt Ion: 53 Resp: 131320
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 37.0 28.9 43.3



#16
Acetone
Concen: 108.378 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 43 Resp: 126672
Ion Ratio Lower Upper
43 100
58 33.5 28.6 43.0

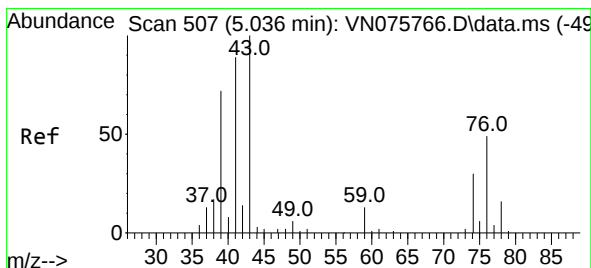
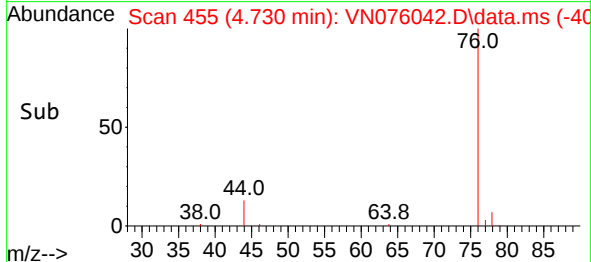
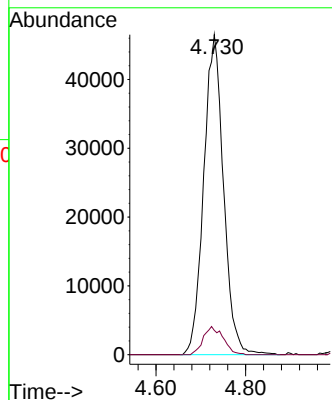
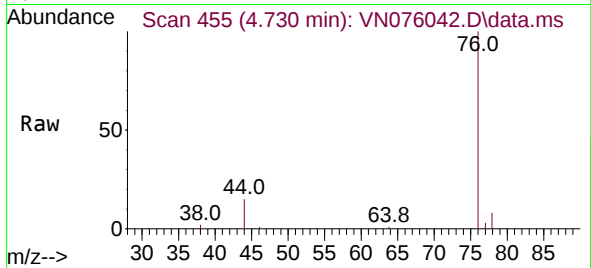




#17
Carbon Disulfide
Concen: 21.314 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

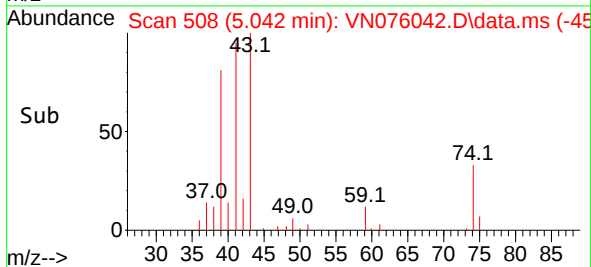
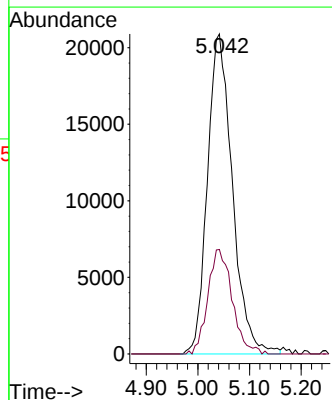
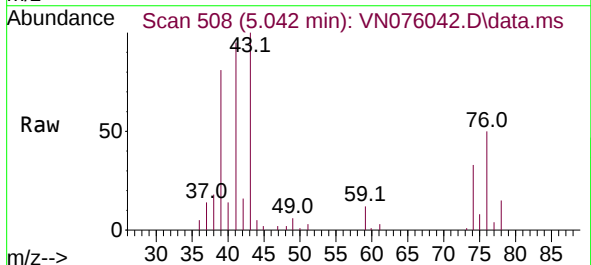
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

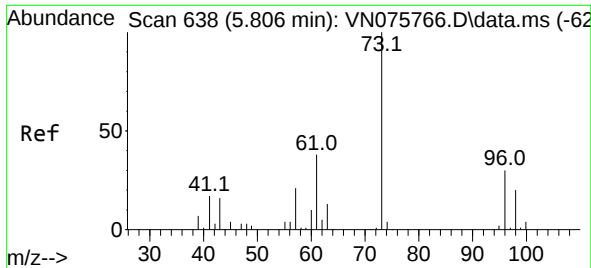
Tgt Ion: 76 Resp: 142547
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 20.260 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 43 Resp: 69995
Ion Ratio Lower Upper
43 100
74 31.9 23.6 35.4

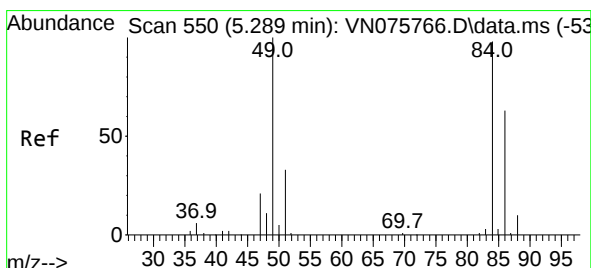
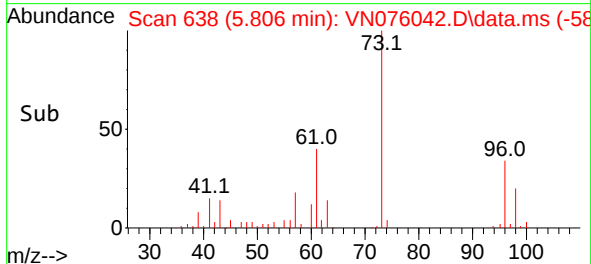
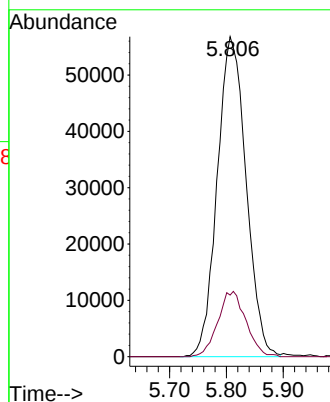
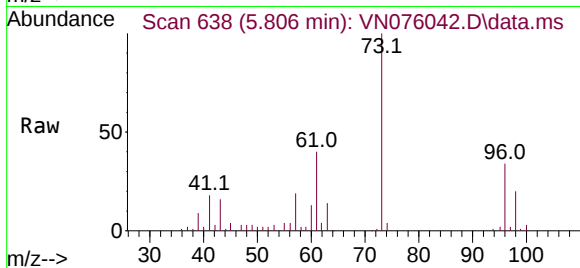




#19
Methyl tert-butyl Ether
Concen: 22.017 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

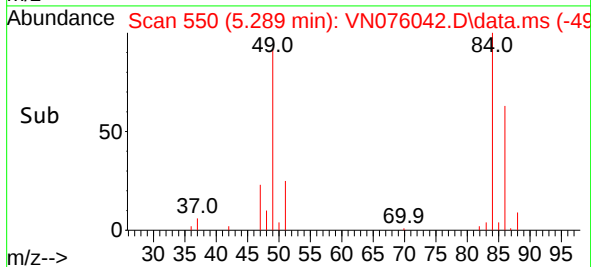
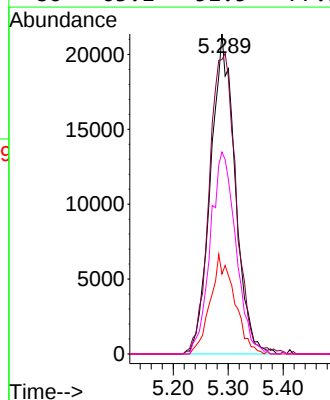
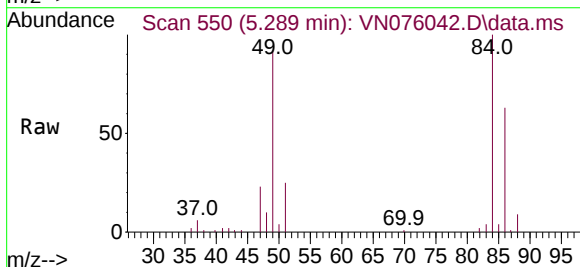
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

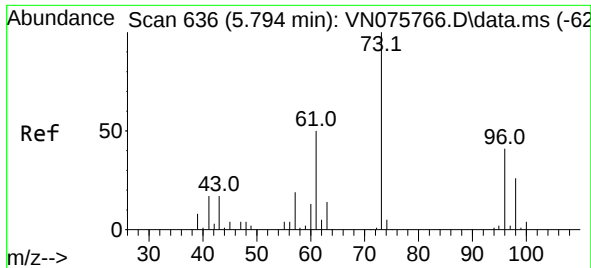
Tgt Ion: 73 Resp: 200271
Ion Ratio Lower Upper
73 100
57 19.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.861 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 84 Resp: 66391
Ion Ratio Lower Upper
84 100
49 92.0 81.8 122.6
51 25.0 26.7 40.1#
86 63.1 51.5 77.3

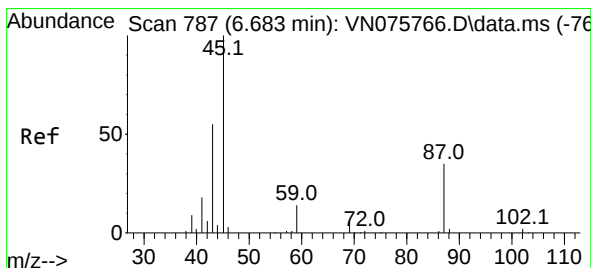
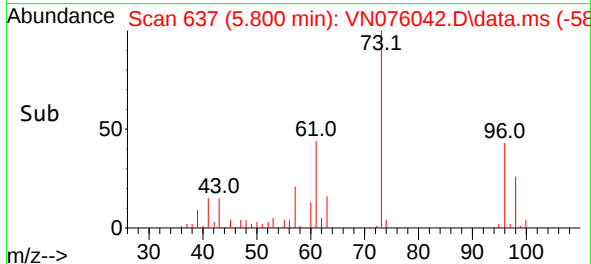
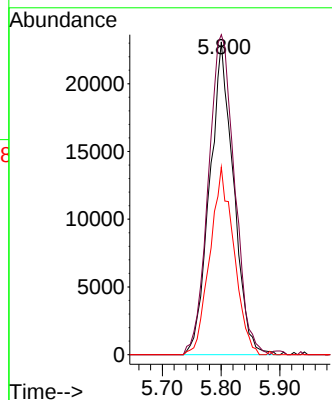
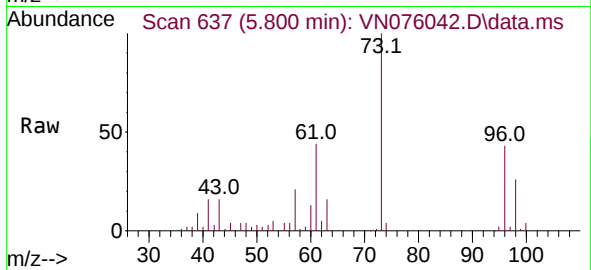




#21
trans-1,2-Dichloroethene
Concen: 21.537 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

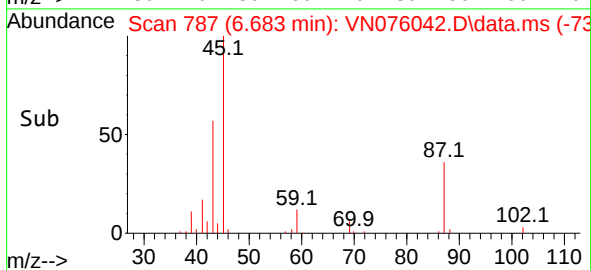
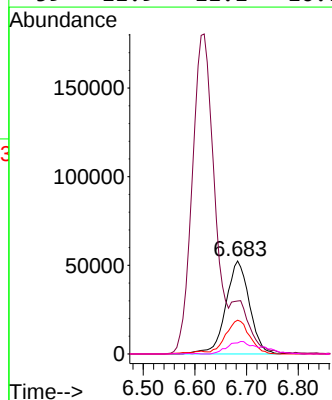
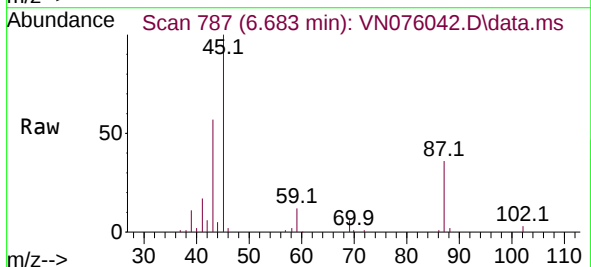
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

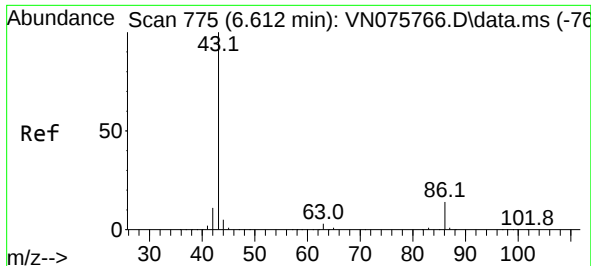
Tgt Ion: 96 Resp: 65151
Ion Ratio Lower Upper
96 100
61 102.3 98.1 147.1
98 59.9 51.4 77.2



#22
Diisopropyl ether
Concen: 21.182 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 45 Resp: 166154
Ion Ratio Lower Upper
45 100
43 55.3 44.2 66.4
87 36.4 28.3 42.5
59 11.9 11.1 16.7

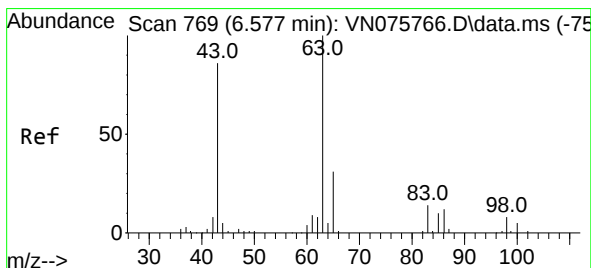
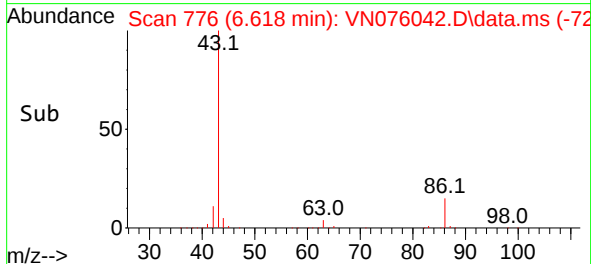
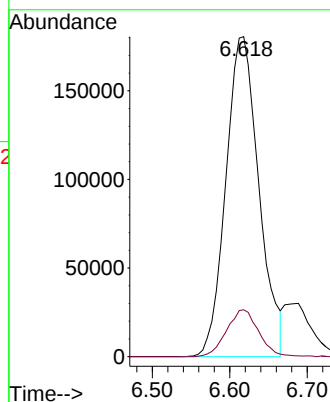
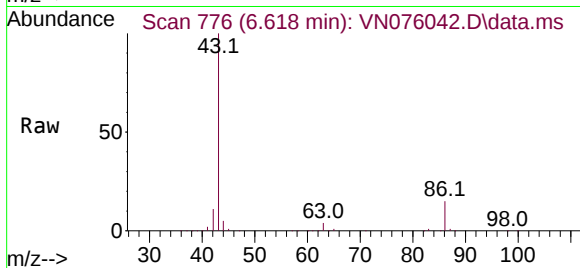




#23
 Vinyl Acetate
 Concen: 101.560 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

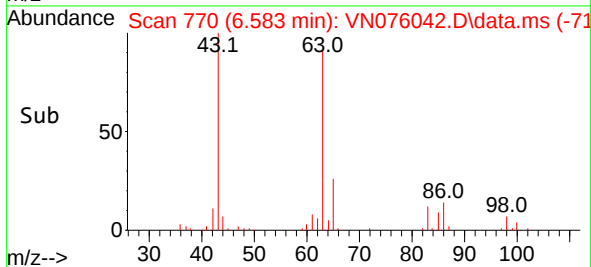
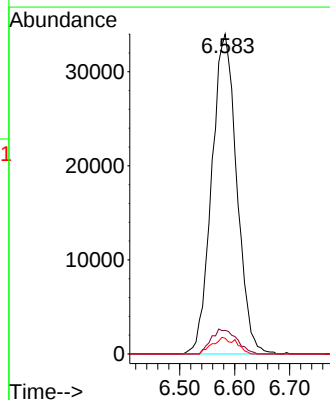
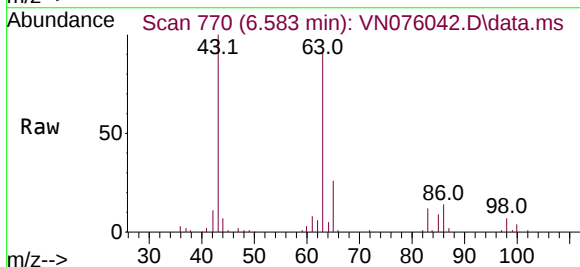
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

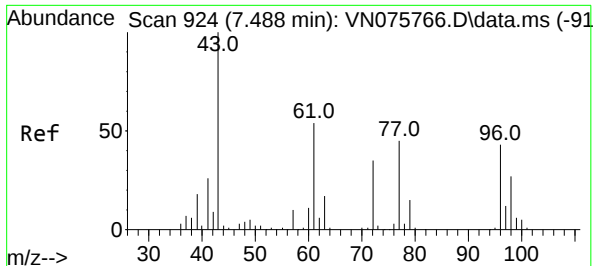
Tgt Ion: 43 Resp: 536205
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 20.578 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion: 63 Resp: 107652
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.9 2.5 7.6





#25

2-Butanone

Concen: 102.979 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

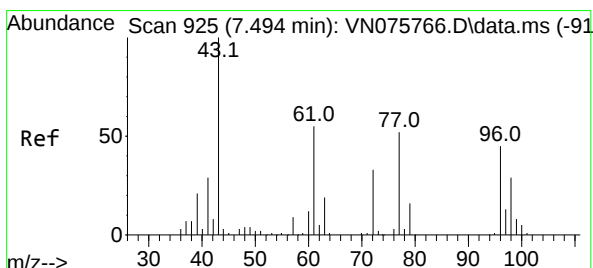
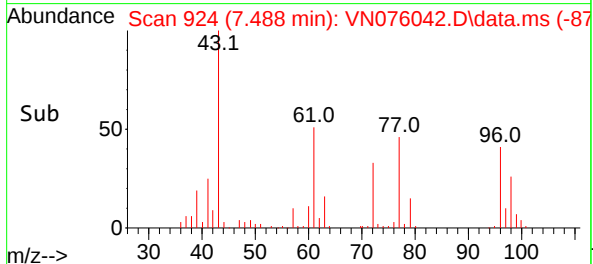
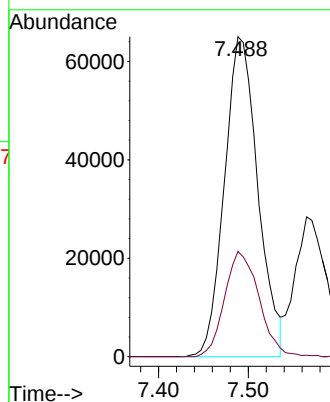
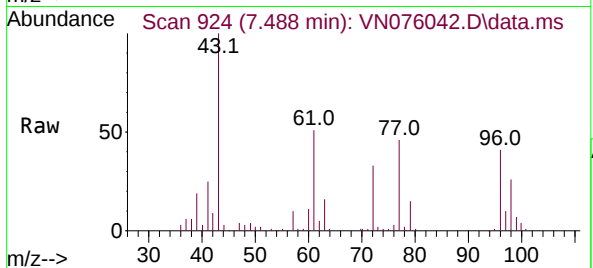
VN1229WBSD01

Tgt Ion: 43 Resp: 168529

Ion Ratio Lower Upper

43 100

72 32.9 28.0 42.0



#26

2,2-Dichloropropane

Concen: 21.902 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN076042.D

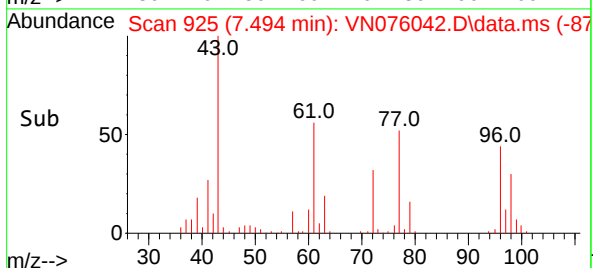
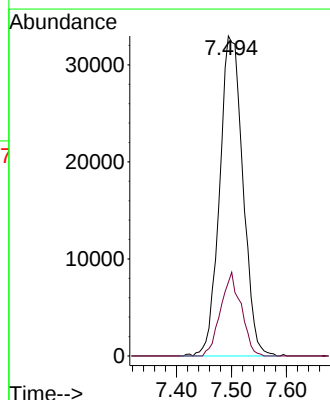
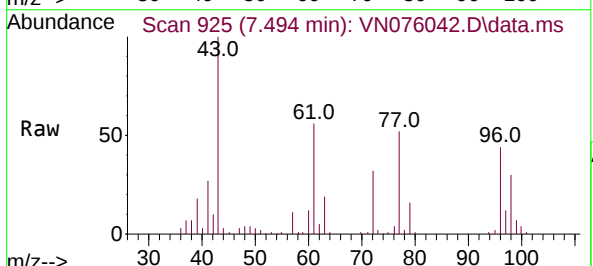
Acq: 29 Dec 2022 12:31

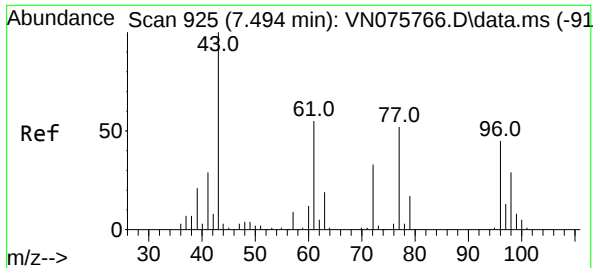
Tgt Ion: 77 Resp: 97030

Ion Ratio Lower Upper

77 100

97 23.1 12.7 38.0

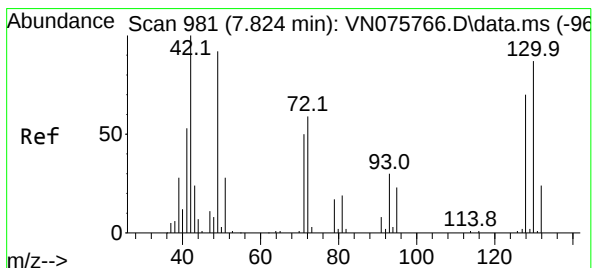
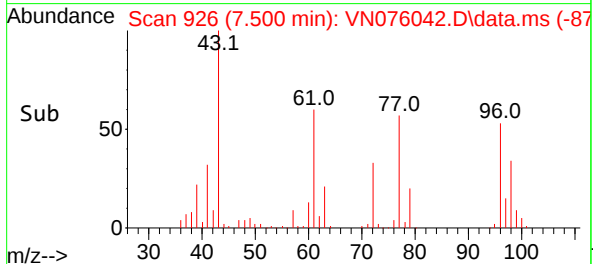
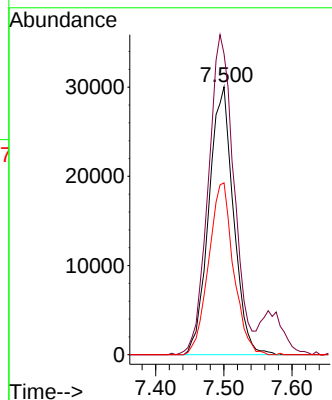
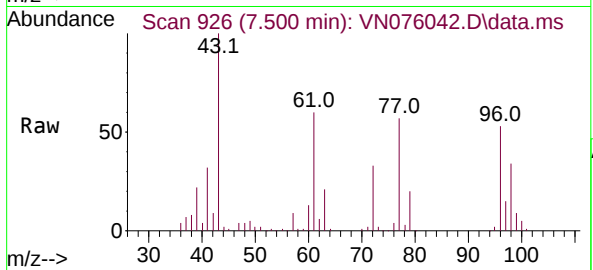




#27
 cis-1,2-Dichloroethene
 Concen: 20.903 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

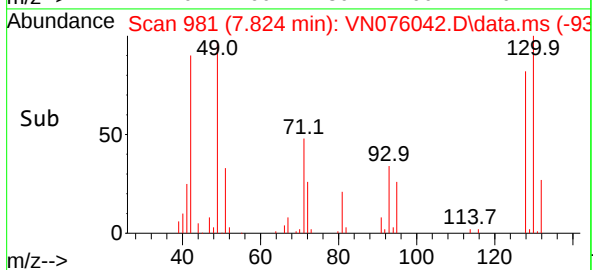
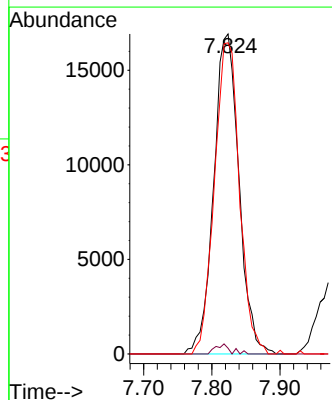
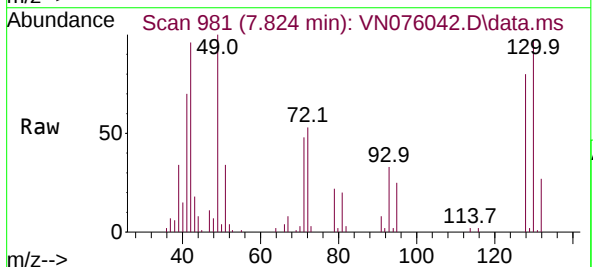
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

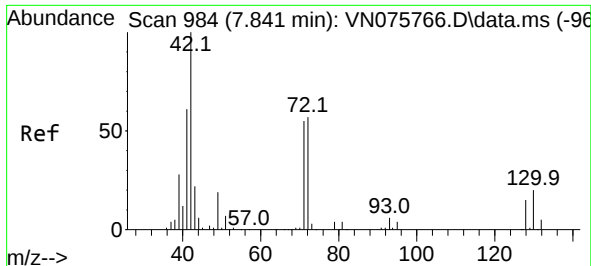
Tgt Ion: 96 Resp: 75625
 Ion Ratio Lower Upper
 96 100
 61 124.1 0.0 247.8
 98 64.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.035 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion: 49 Resp: 43645
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.0
 130 96.5 77.0 115.4





#29

Tetrahydrofuran

Concen: 102.069 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

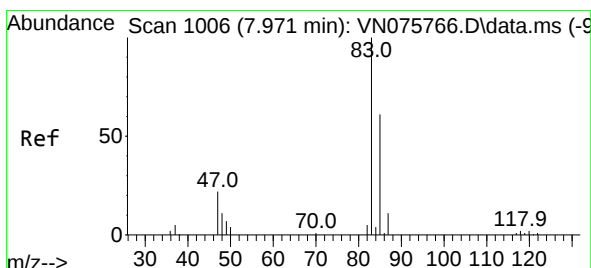
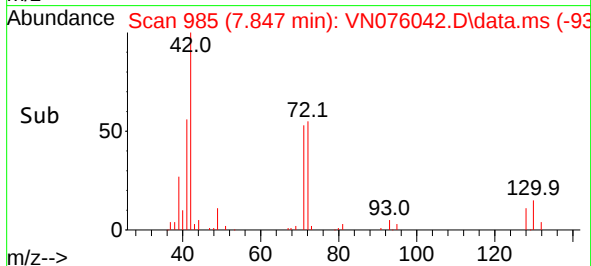
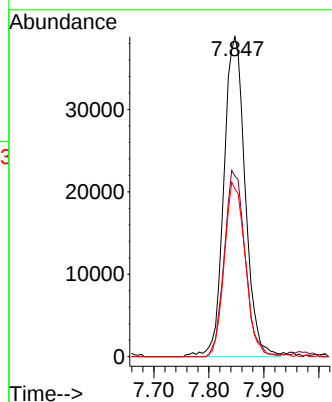
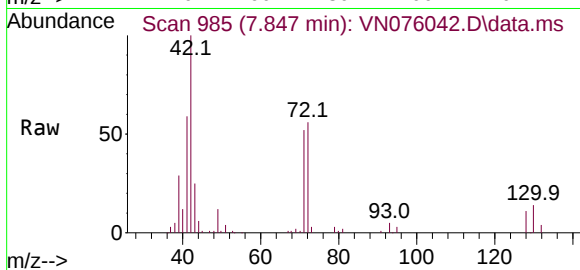
Tgt Ion: 42 Resp: 104679

Ion Ratio Lower Upper

42 100

72 57.1 44.5 66.7

71 53.5 41.0 61.6



#30

Chloroform

Concen: 20.343 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076042.D

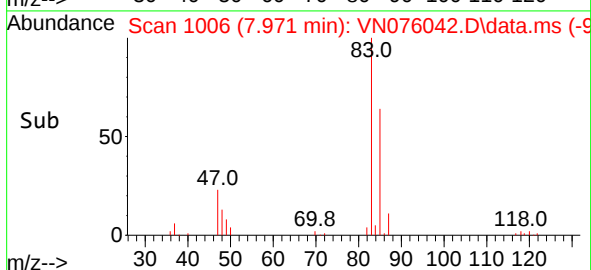
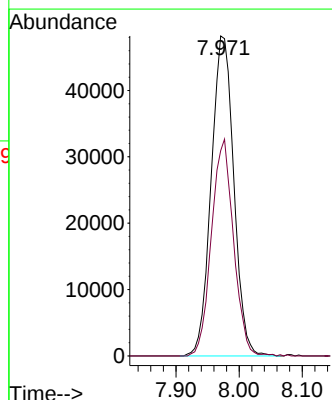
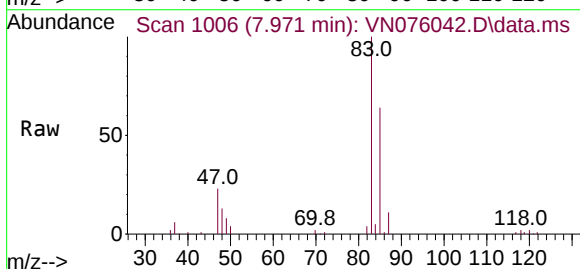
Acq: 29 Dec 2022 12:31

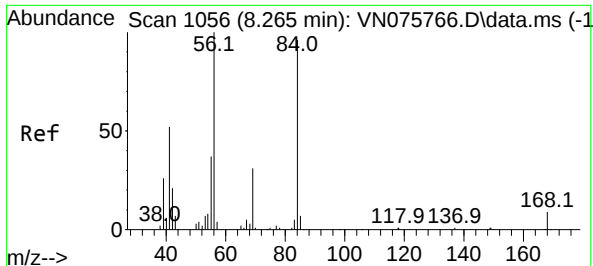
Tgt Ion: 83 Resp: 119823

Ion Ratio Lower Upper

83 100

85 64.1 49.1 73.7

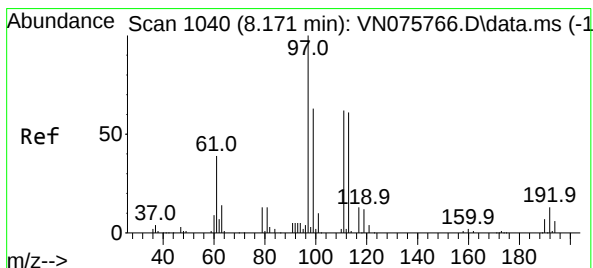
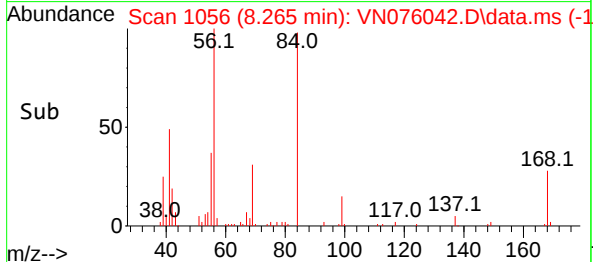
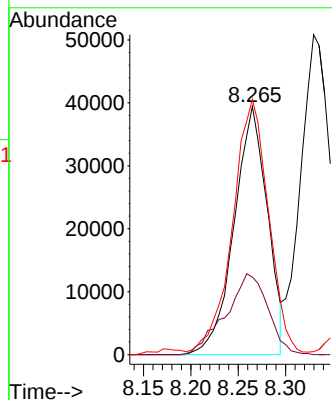
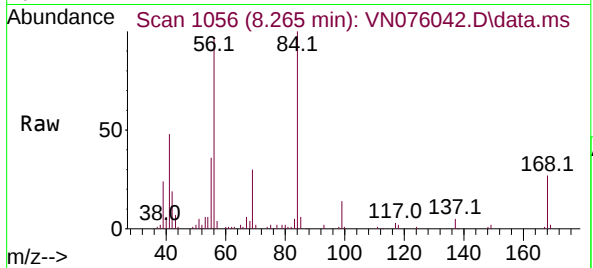




#31
Cyclohexane
Concen: 19.797 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

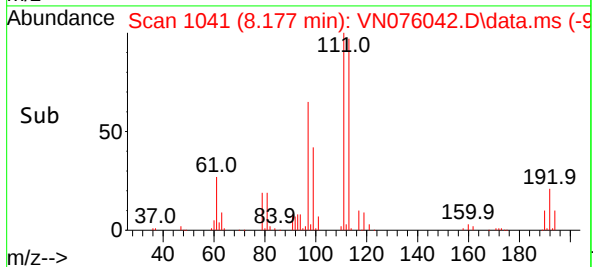
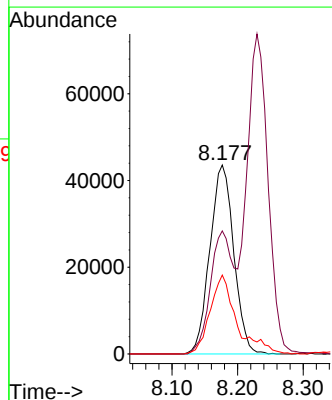
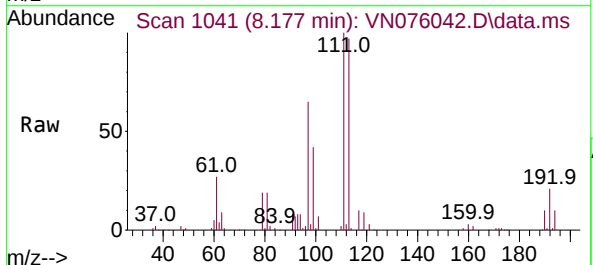
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

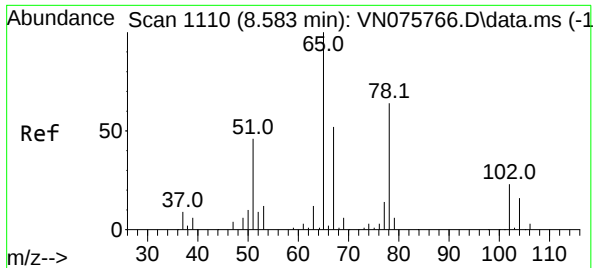
Tgt Ion: 56 Resp: 96133
Ion Ratio Lower Upper
56 100
69 31.3 24.7 37.1
84 101.1 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 21.101 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 97 Resp: 110189
Ion Ratio Lower Upper
97 100
99 65.4 50.2 75.2
61 46.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.657 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

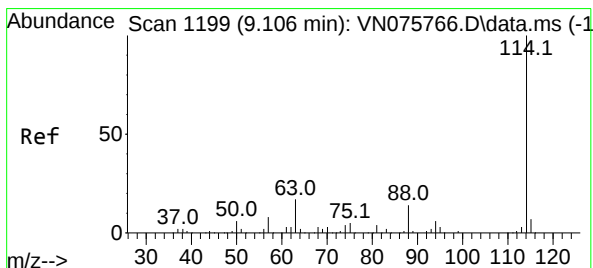
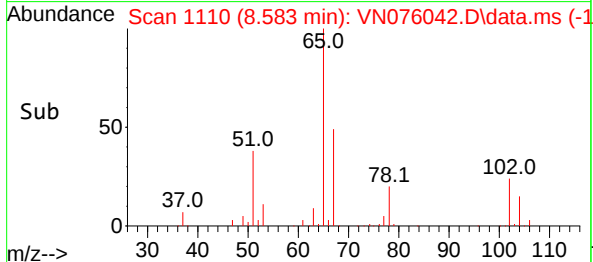
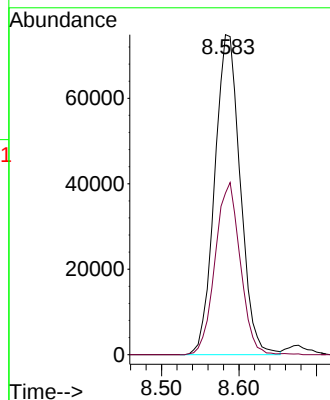
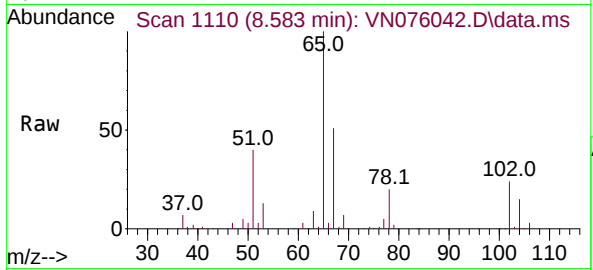
VN1229WBSD01

Tgt Ion: 65 Resp: 171757

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

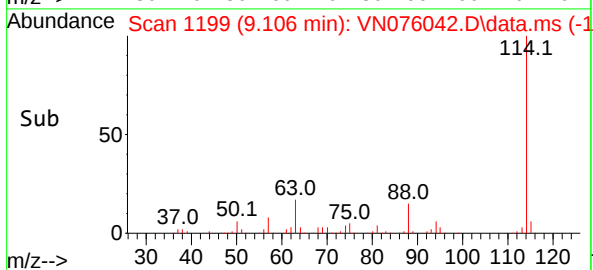
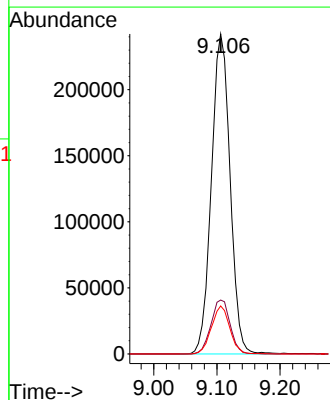
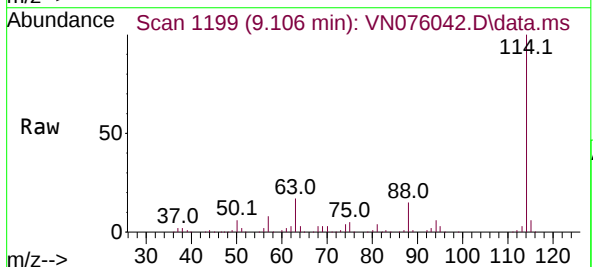
Tgt Ion: 114 Resp: 497057

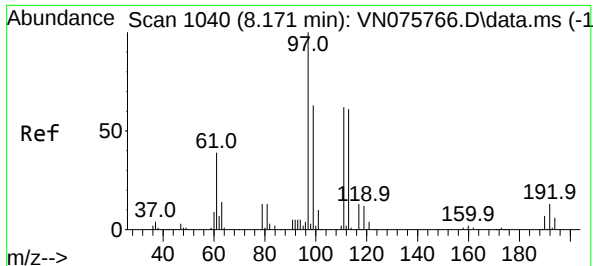
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.782 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

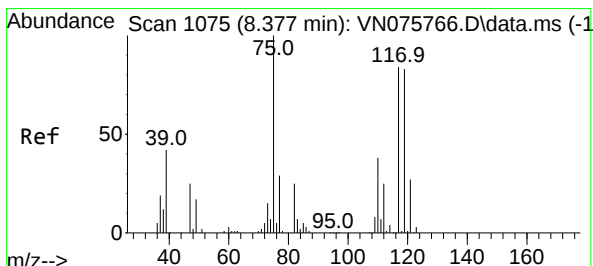
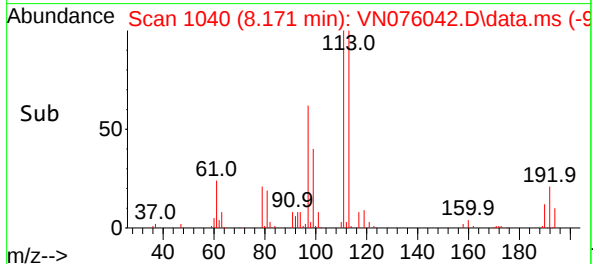
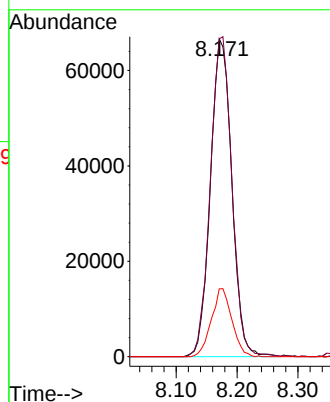
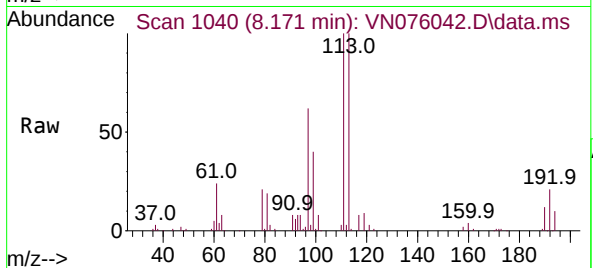
Tgt Ion:113 Resp: 162475

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 20.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 21.070 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

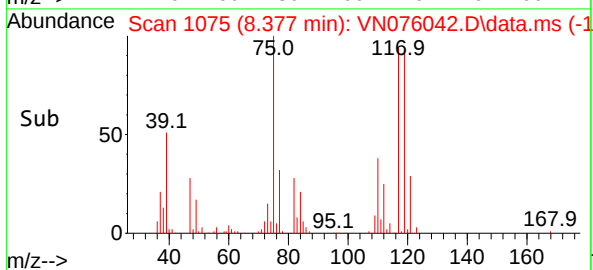
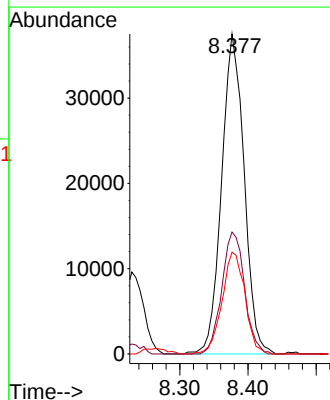
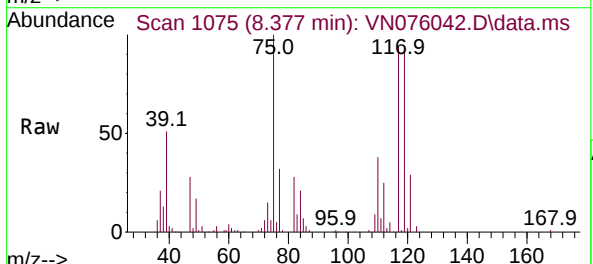
Tgt Ion: 75 Resp: 86156

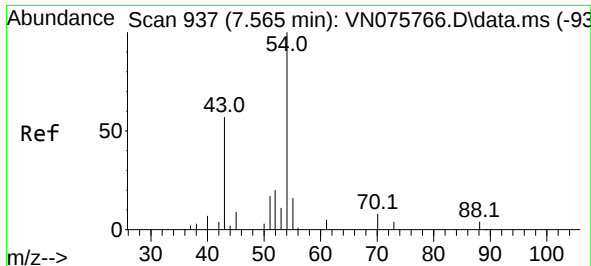
Ion Ratio Lower Upper

75 100

110 38.5 18.8 56.4

77 32.3 24.1 36.1

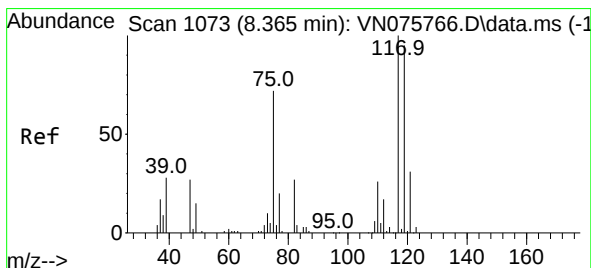
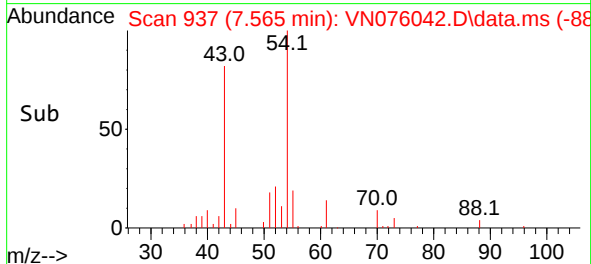
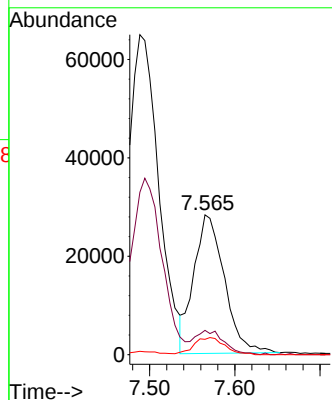
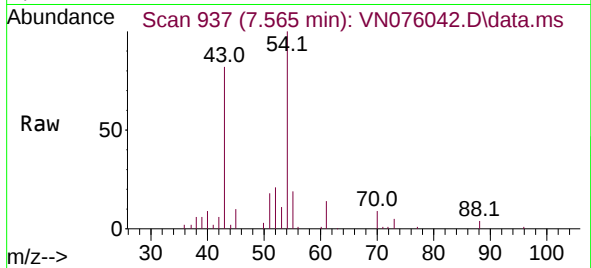




#37
Ethyl Acetate
Concen: 21.379 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

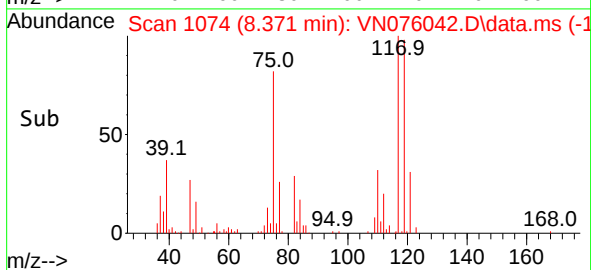
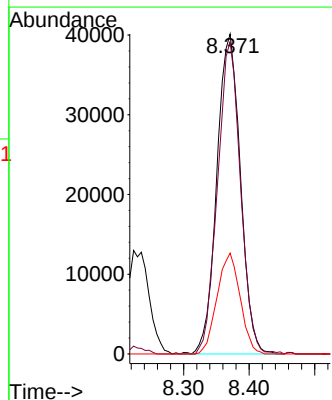
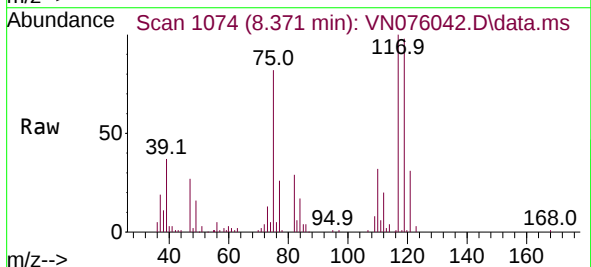
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

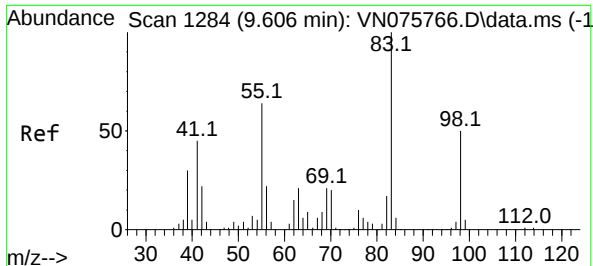
Tgt Ion: 43 Resp: 70220
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.866 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 117 Resp: 100070
Ion Ratio Lower Upper
117 100
119 97.5 76.1 114.1
121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 22.903 ug/l

RT: 9.606 min Scan# 112986

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

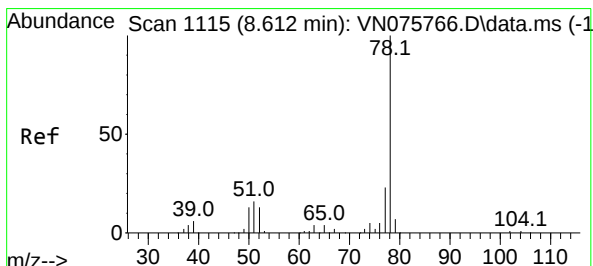
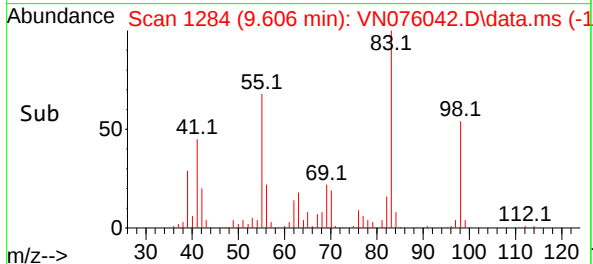
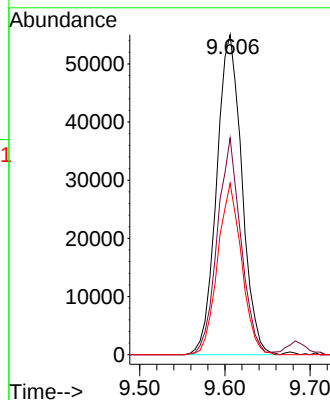
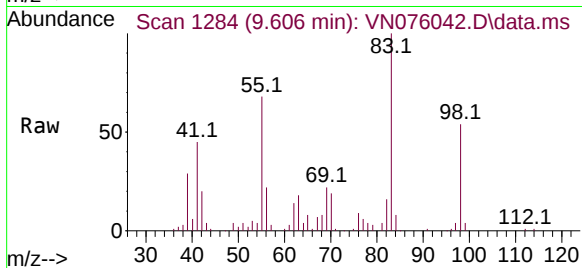
Tgt Ion: 83 Resp: 112986

Ion Ratio Lower Upper

83 100

55 67.8 51.4 77.0

98 53.5 39.8 59.8



#40

Benzene

Concen: 20.983 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076042.D

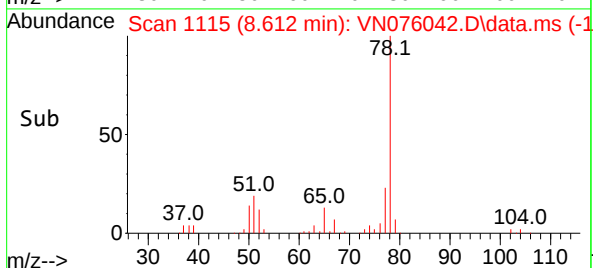
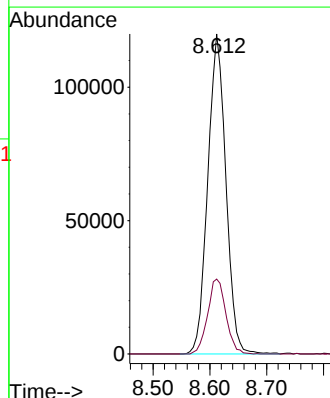
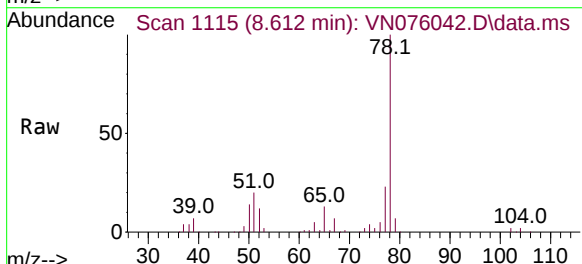
Acq: 29 Dec 2022 12:31

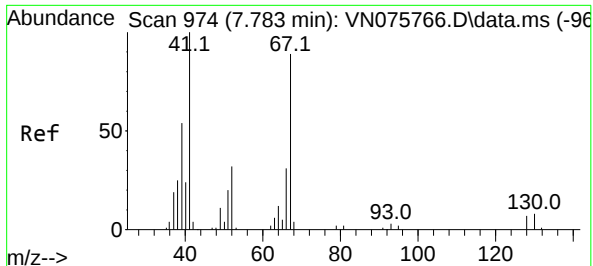
Tgt Ion: 78 Resp: 264729

Ion Ratio Lower Upper

78 100

77 23.4 18.5 27.7

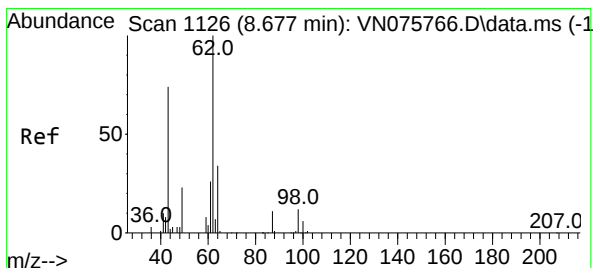
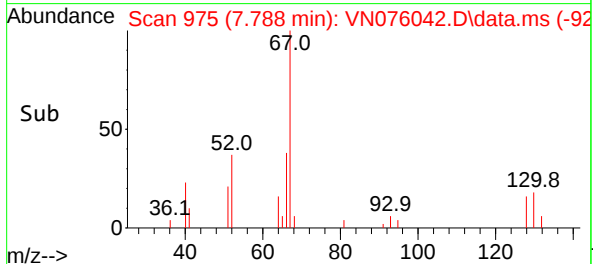
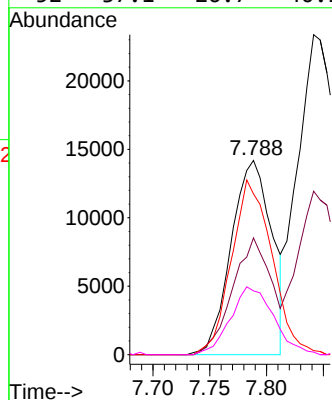
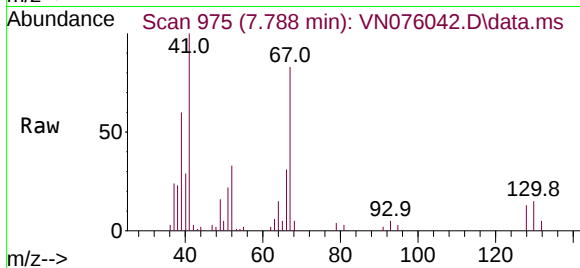




#41
Methacrylonitrile
Concen: 20.682 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

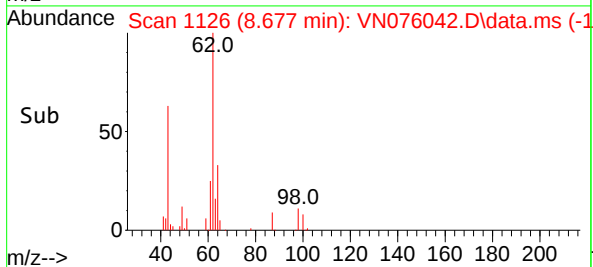
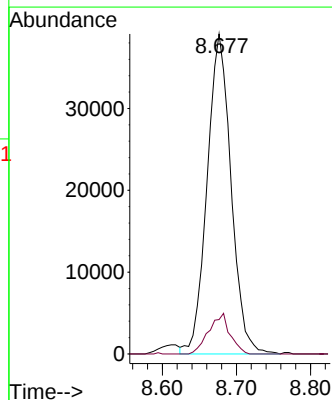
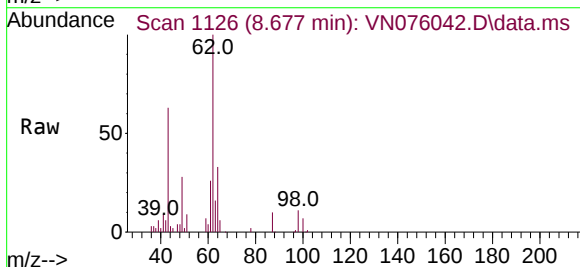
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

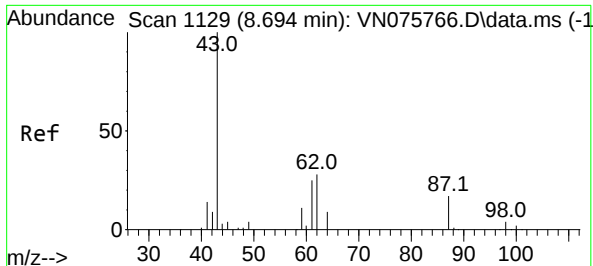
Tgt Ion:	41	Resp:	35310
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.1	64.7
67	89.9	70.7	106.1
52	37.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.946 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:	62	Resp:	87855
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 22.339 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

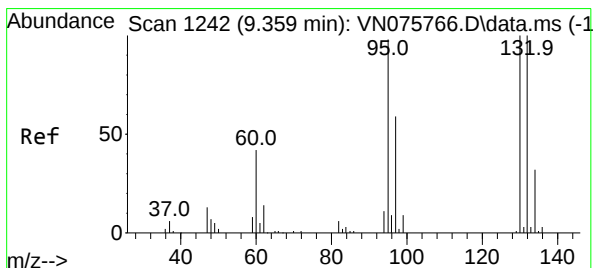
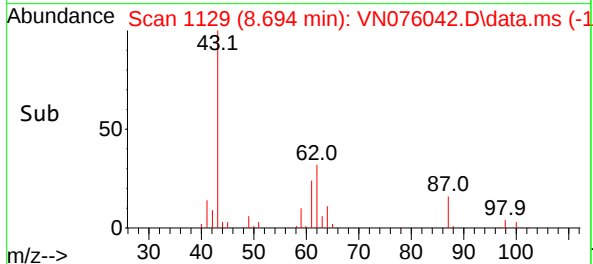
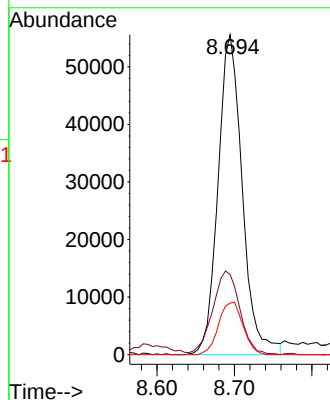
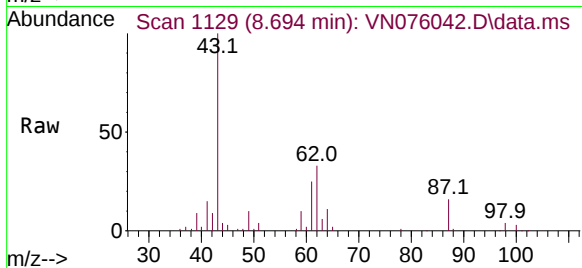
Tgt Ion: 43 Resp: 121036

Ion Ratio Lower Upper

43 100

61 29.3 24.2 36.4

87 16.5 13.3 19.9



#44

Trichloroethene

Concen: 20.820 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN076042.D

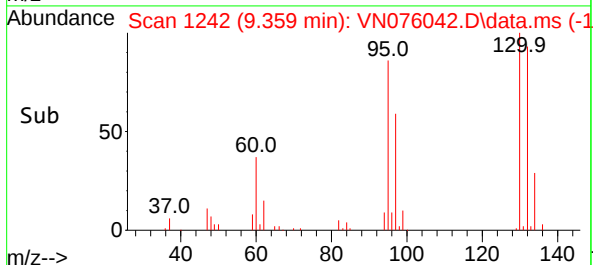
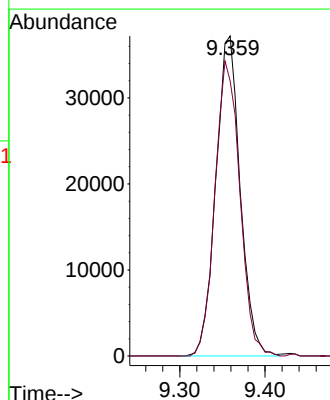
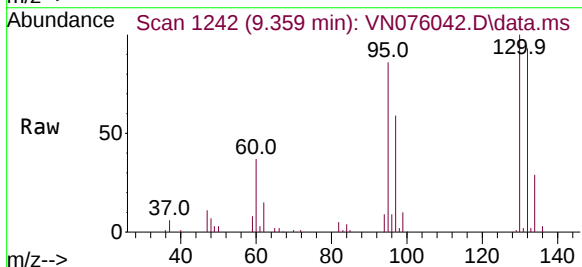
Acq: 29 Dec 2022 12:31

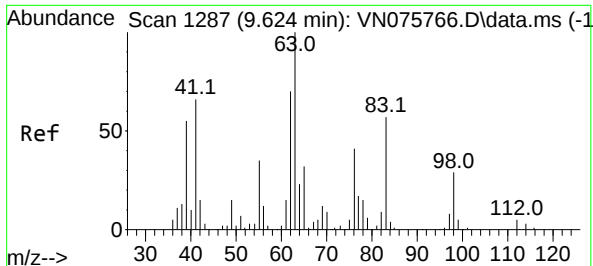
Tgt Ion:130 Resp: 73999

Ion Ratio Lower Upper

130 100

95 86.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.582 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

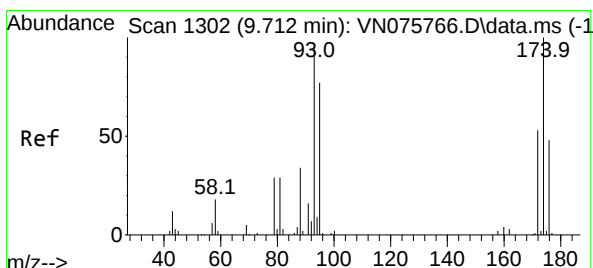
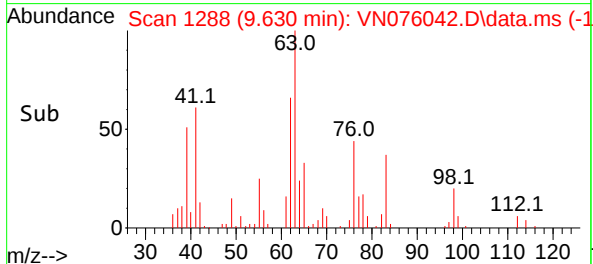
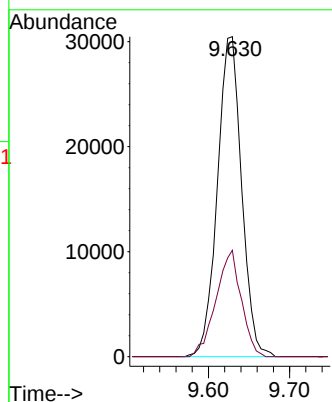
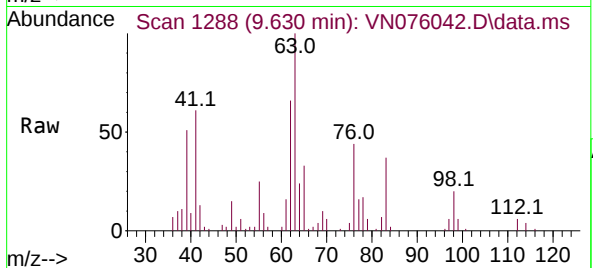
VN1229WBSD01

Tgt Ion: 63 Resp: 63190

Ion Ratio Lower Upper

63 100

65 33.2 25.7 38.5



#46

Dibromomethane

Concen: 21.289 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

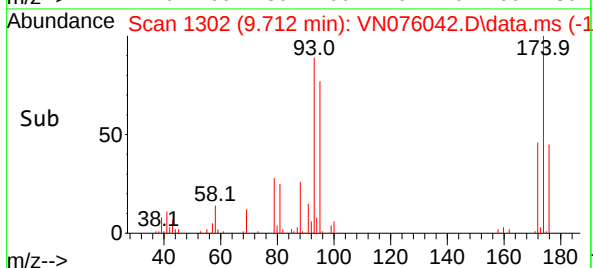
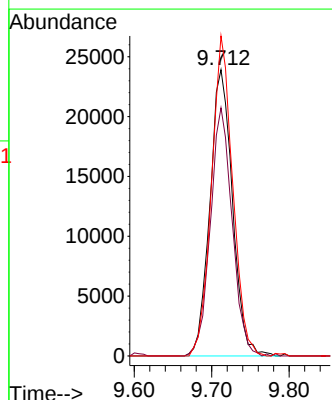
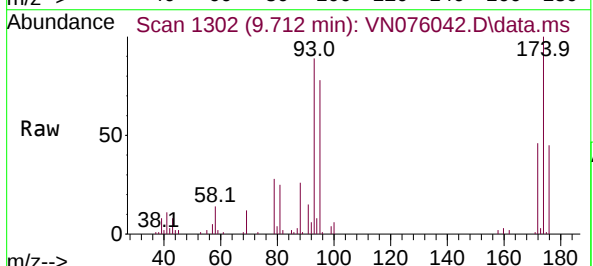
Tgt Ion: 93 Resp: 48477

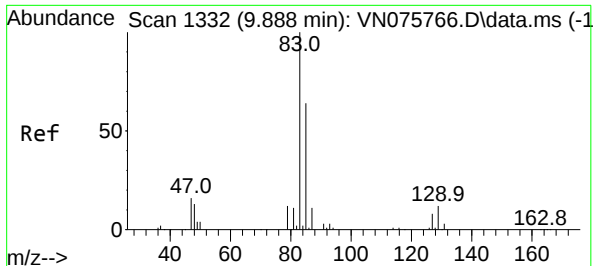
Ion Ratio Lower Upper

93 100

95 83.8 65.2 97.8

174 105.3 82.4 123.6

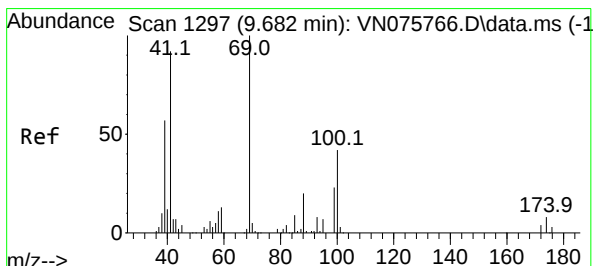
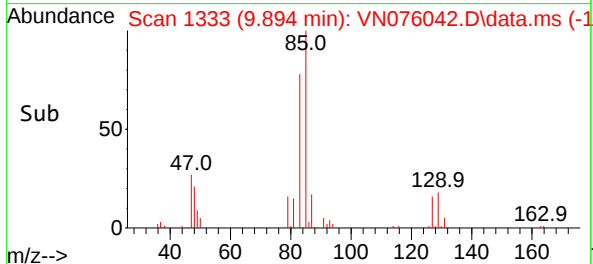
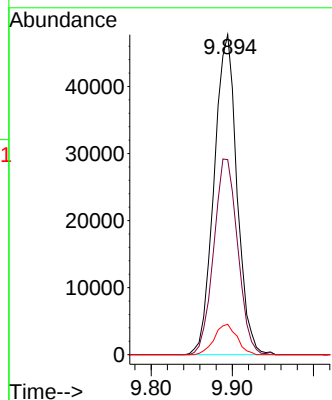
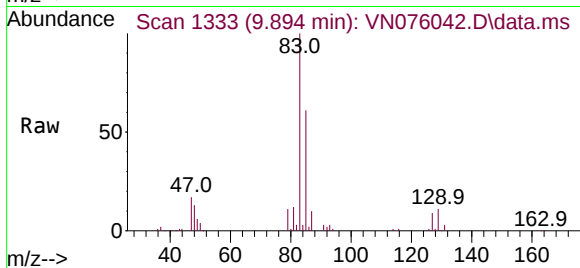




#47
Bromodichloromethane
Concen: 20.943 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

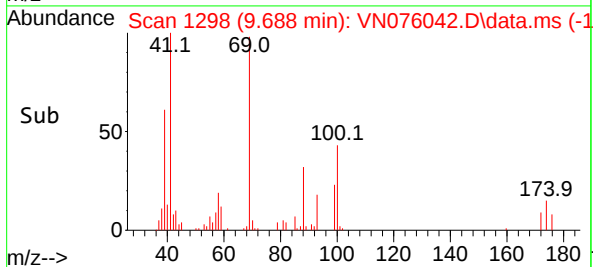
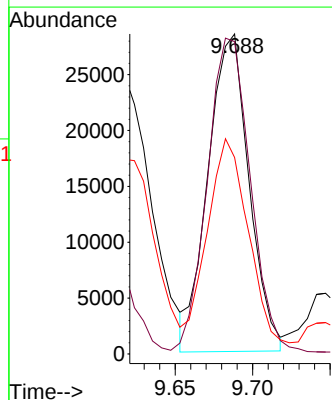
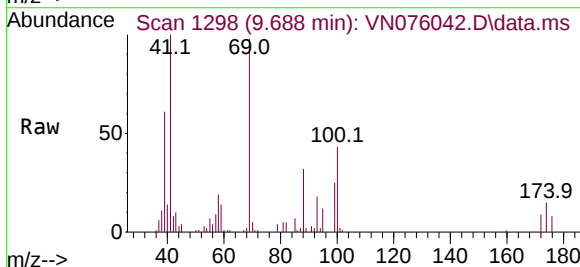
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

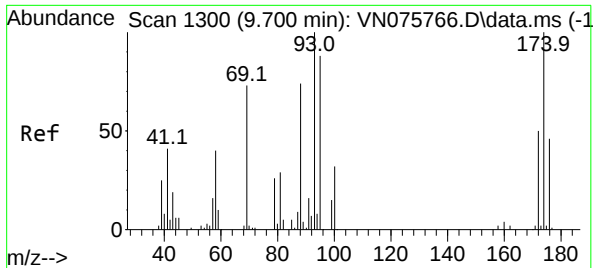
Tgt Ion: 83 Resp: 93522
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3
127 9.5 6.6 10.0



#48
Methyl methacrylate
Concen: 21.439 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 41 Resp: 52318
Ion Ratio Lower Upper
41 100
69 104.2 81.9 122.9
39 70.6 51.6 77.4

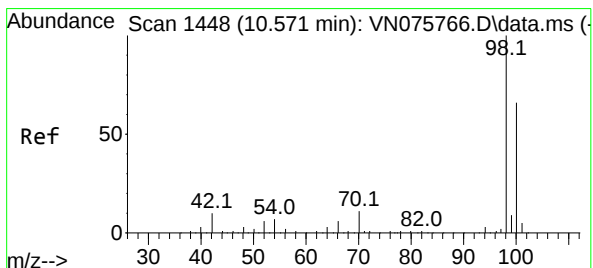
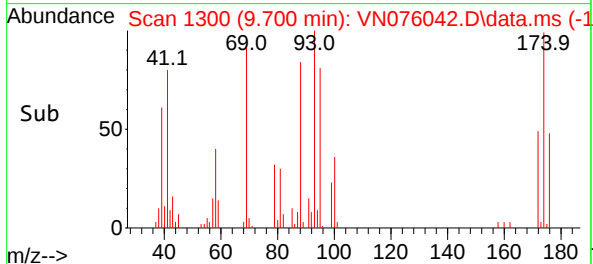
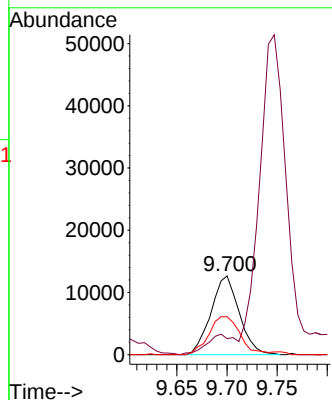
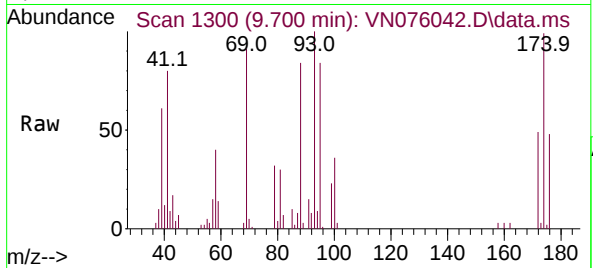




#49
1,4-Dioxane
Concen: 413.787 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

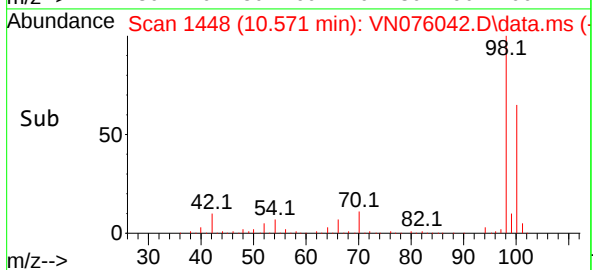
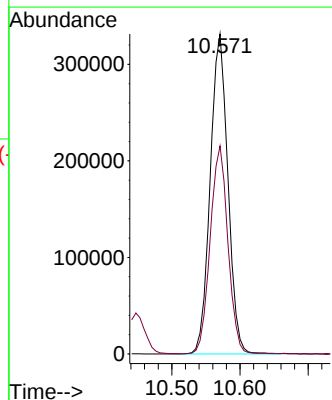
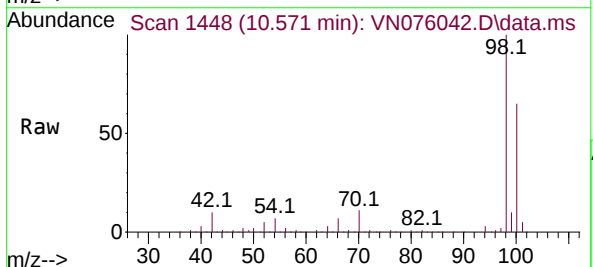
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

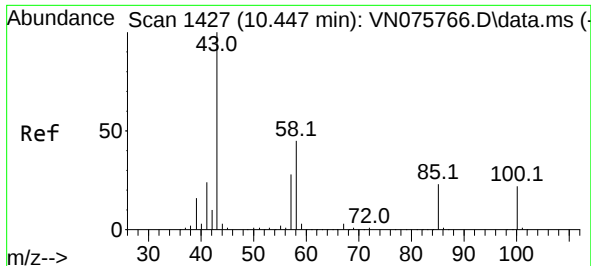
Tgt Ion: 88 Resp: 24824
Ion Ratio Lower Upper
88 100
43 19.3 17.1 25.7
58 55.0 47.8 71.8



#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 98 Resp: 597808
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

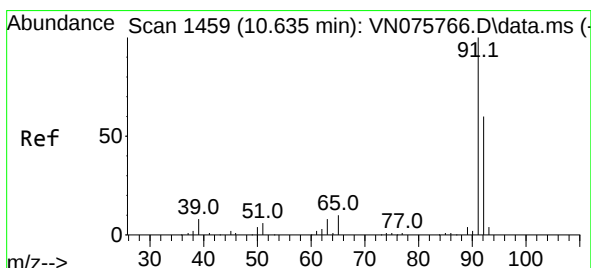
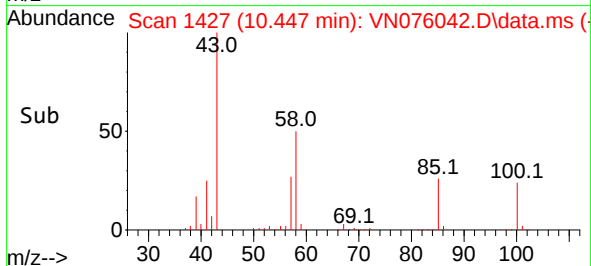
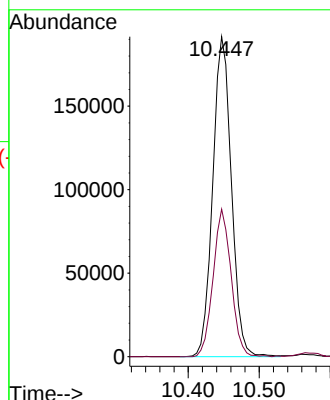
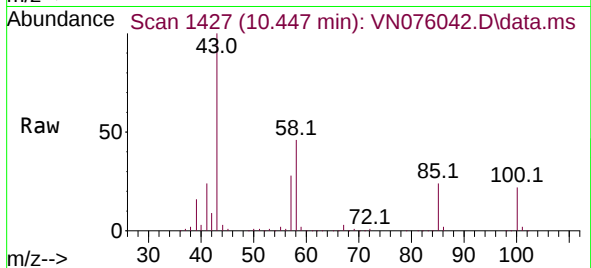




#51
4-Methyl-2-Pentanone
Concen: 106.494 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

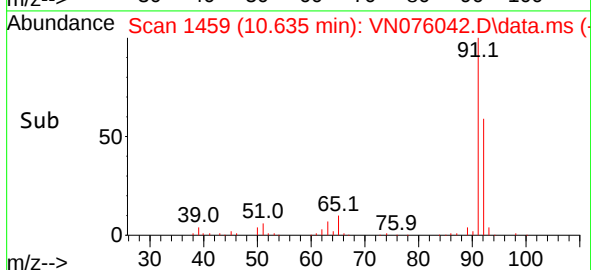
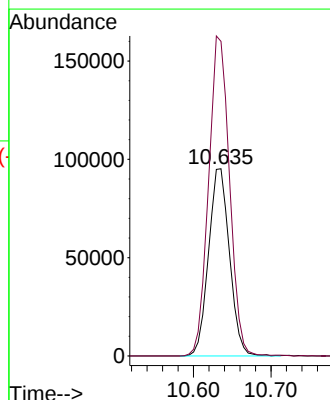
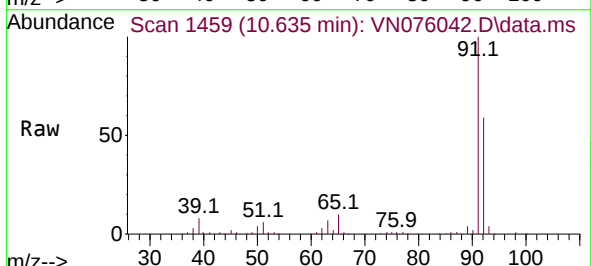
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

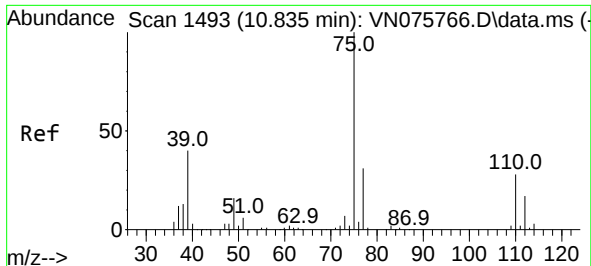
Tgt Ion: 43 Resp: 348940
Ion Ratio Lower Upper
43 100
58 44.6 35.5 53.3



#52
Toluene
Concen: 21.764 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 92 Resp: 178826
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9

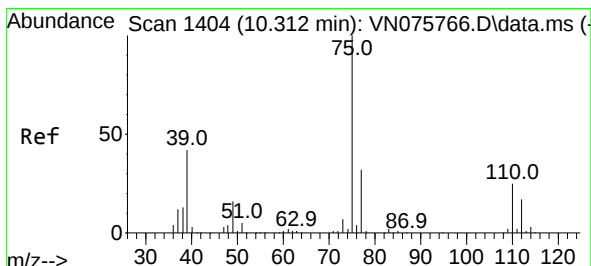
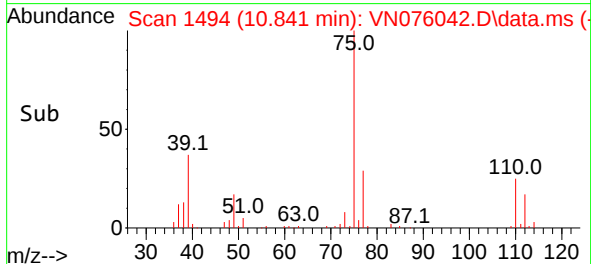
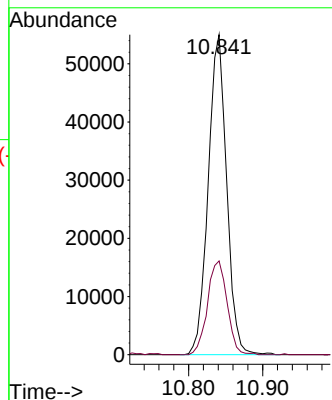
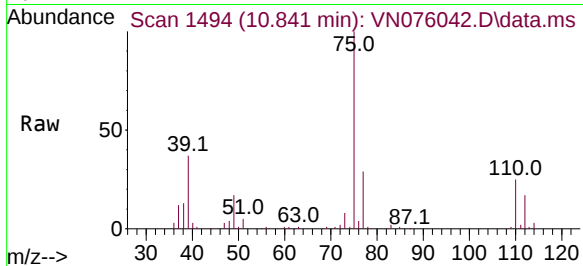




#53
 t-1,3-Dichloropropene
 Concen: 21.736 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

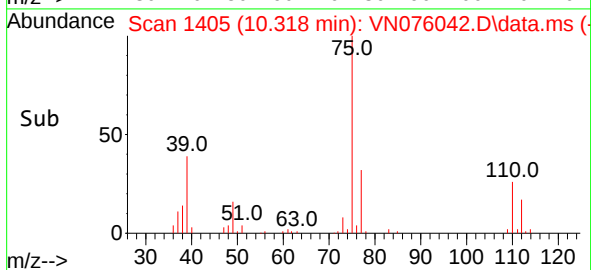
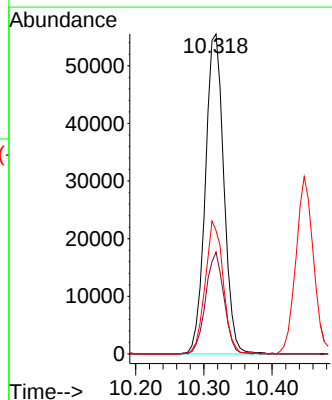
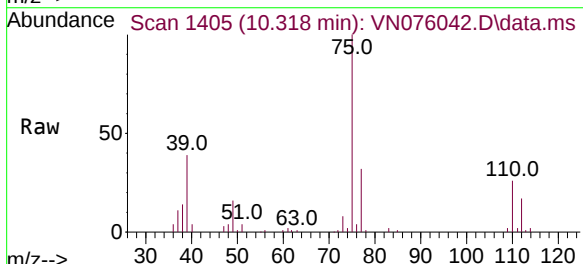
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

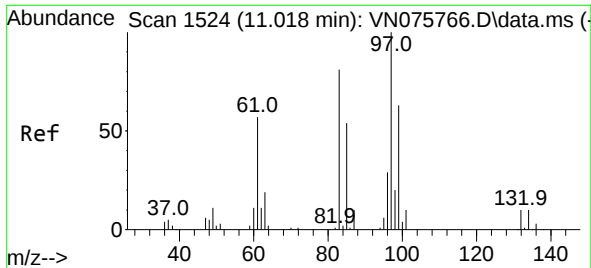
Tgt Ion: 75 Resp: 95012
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.843 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion: 75 Resp: 104832
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 38.6 33.4 50.2

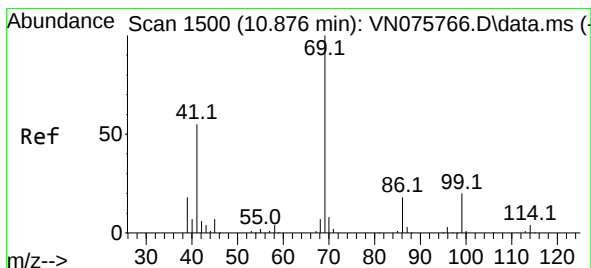
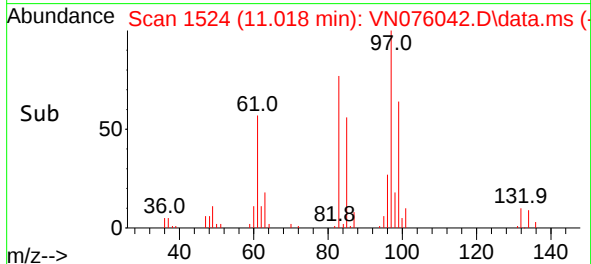
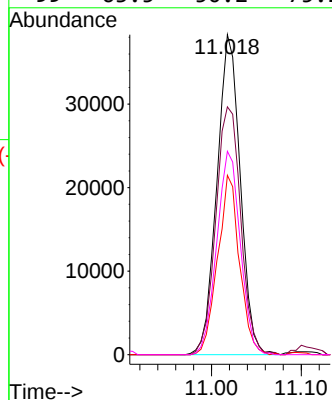
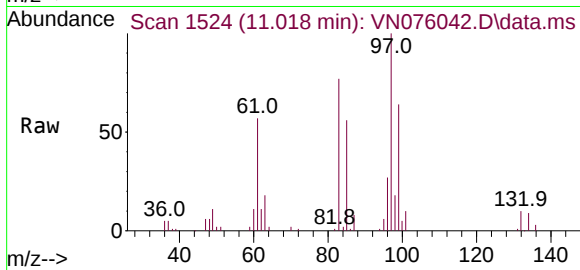




#55
1,1,2-Trichloroethane
Concen: 21.444 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

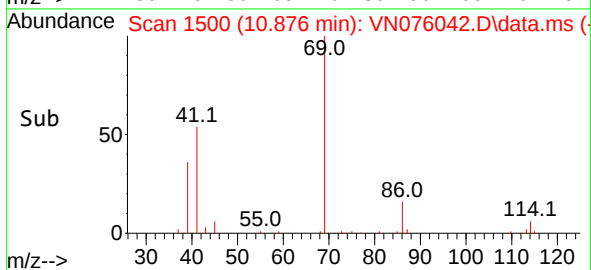
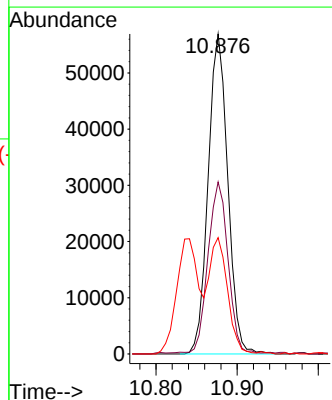
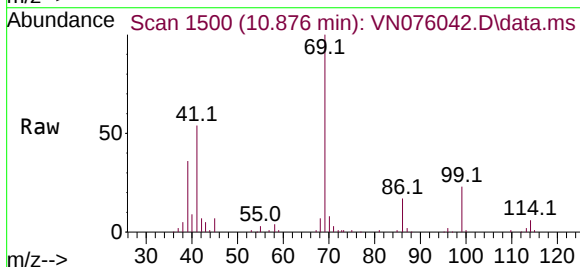
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

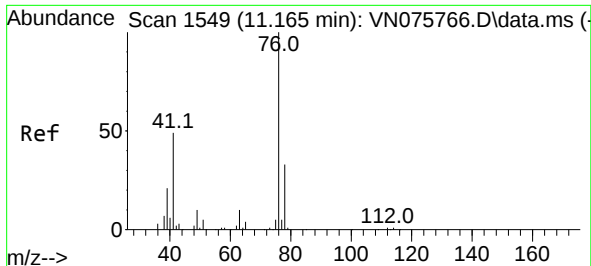
Tgt Ion:	97	Resp:	69158
Ion	Ratio	Lower	Upper
97	100		
83	77.5	65.0	97.4
85	56.1	43.0	64.6
99	63.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 22.298 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:	69	Resp:	95518
Ion	Ratio	Lower	Upper
69	100		
41	54.2	44.2	66.4
39	33.3	26.4	39.6





#57

1,3-Dichloropropane

Concen: 20.967 ug/l

RT: 11.165 min Scan# 110915

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

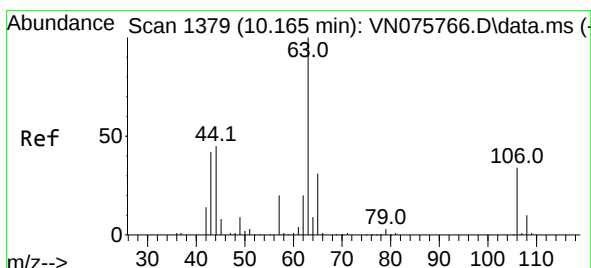
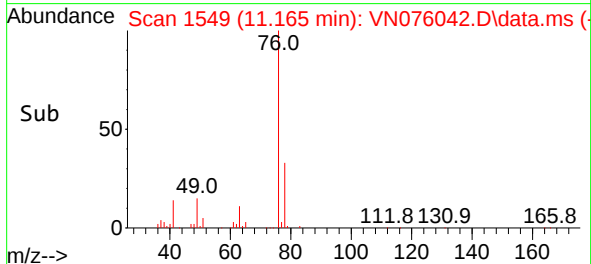
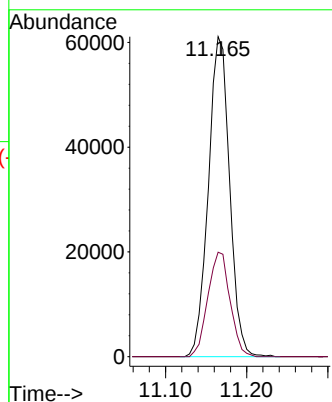
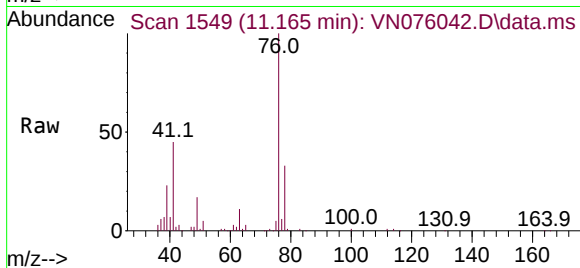
VN1229WBSD01

Tgt Ion: 76 Resp: 110915

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.549 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076042.D

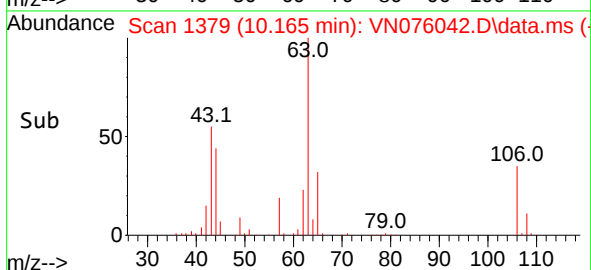
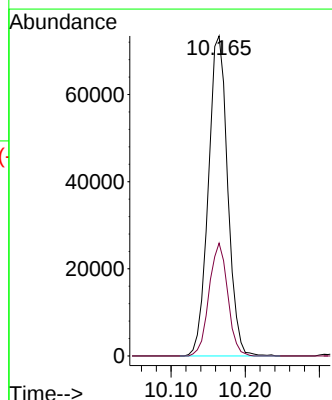
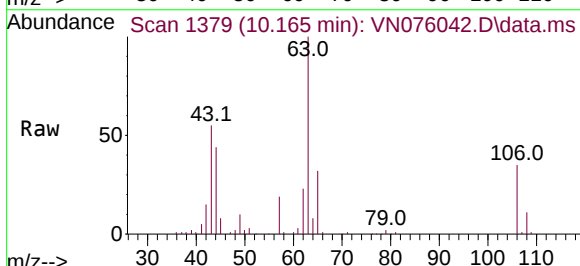
Acq: 29 Dec 2022 12:31

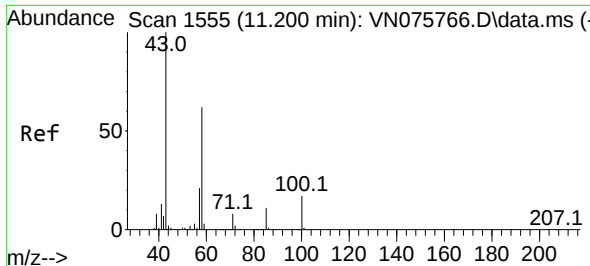
Tgt Ion: 63 Resp: 133044

Ion Ratio Lower Upper

63 100

106 33.9 26.4 39.6

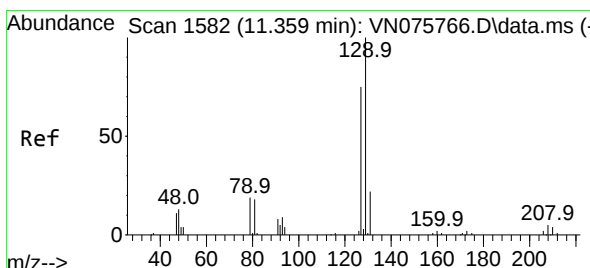
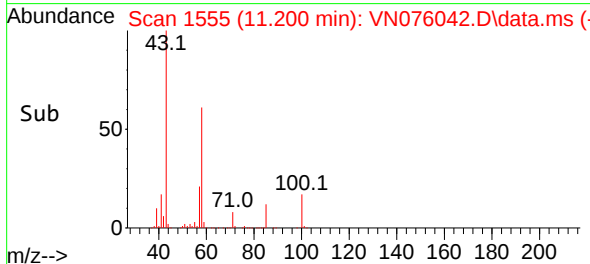
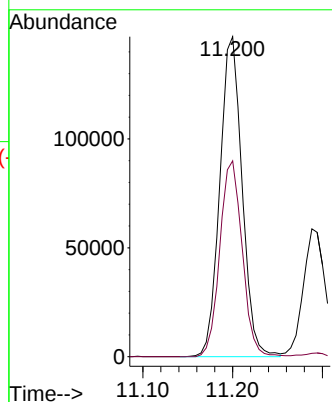
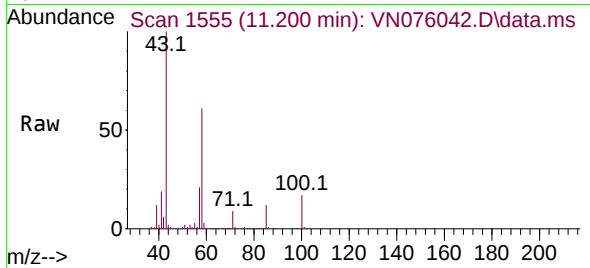




#59
2-Hexanone
Concen: 105.990 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

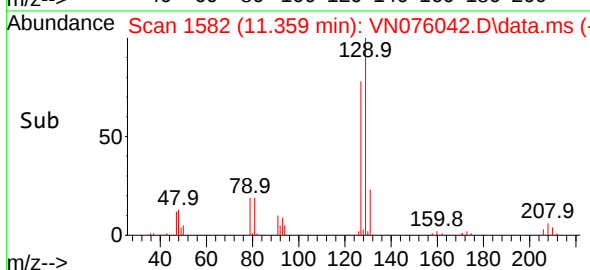
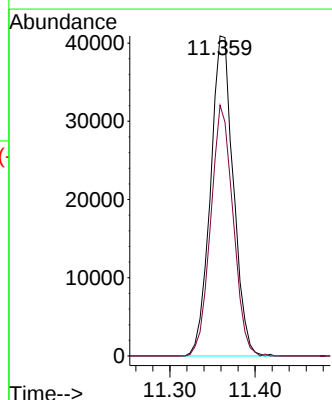
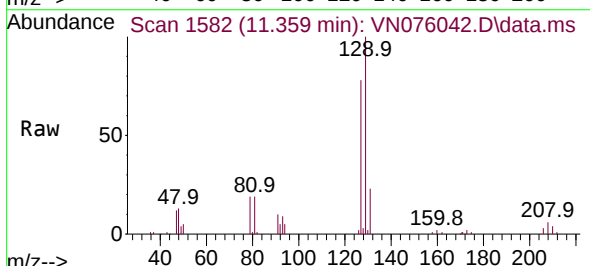
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

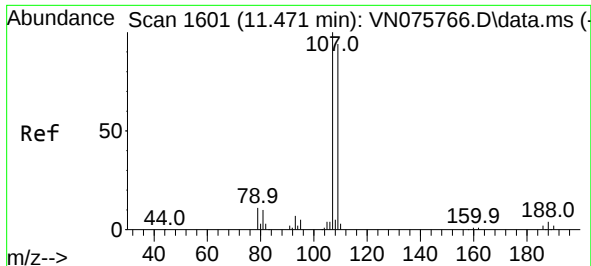
Tgt Ion: 43 Resp: 253268
Ion Ratio Lower Upper
43 100
58 61.5 30.6 92.0



#60
Dibromochloromethane
Concen: 21.255 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 129 Resp: 76233
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

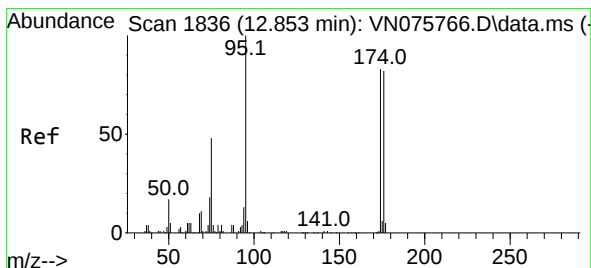
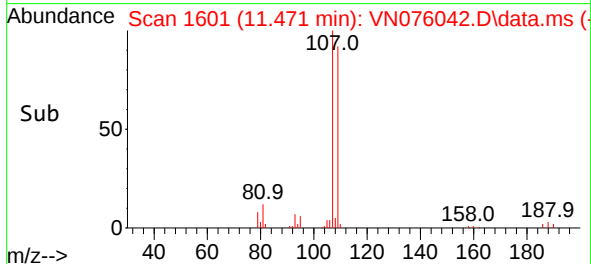
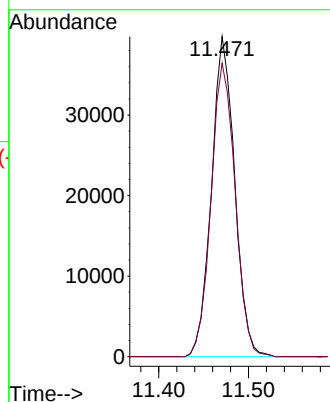
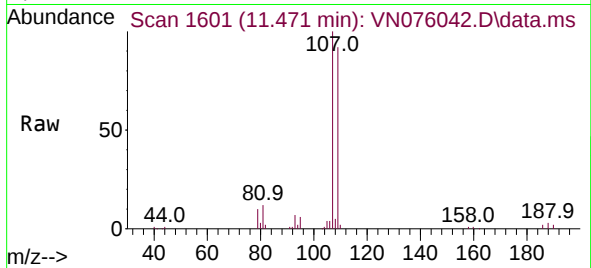




#61
1,2-Dibromoethane
Concen: 21.836 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

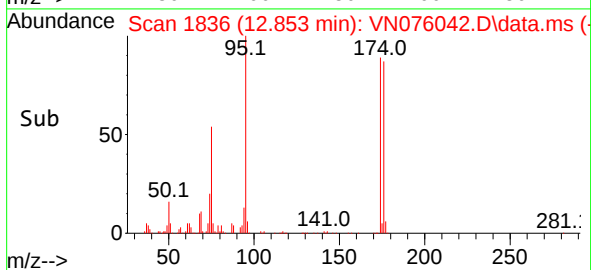
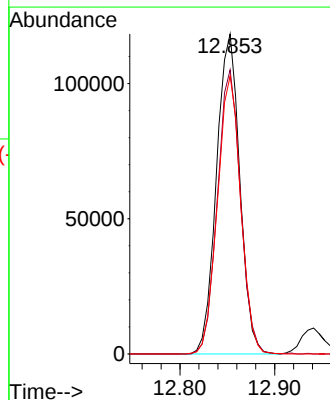
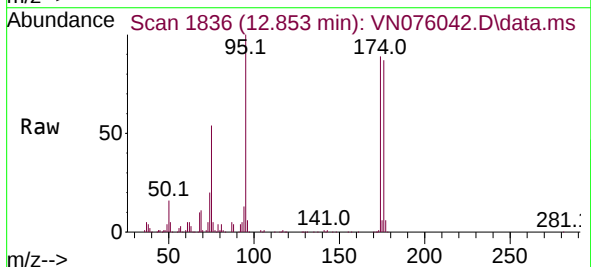
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

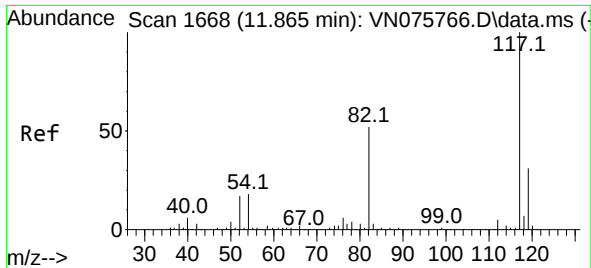
Tgt Ion:107 Resp: 71267
Ion Ratio Lower Upper
107 100
109 95.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.050 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 95 Resp: 202221
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 86.6 0.0 169.2

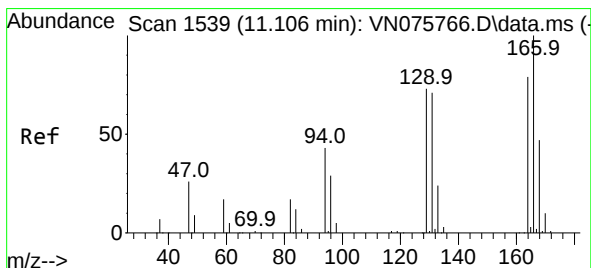
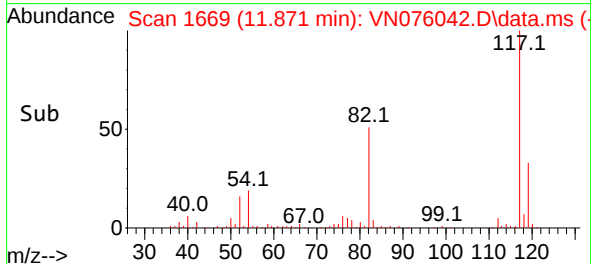
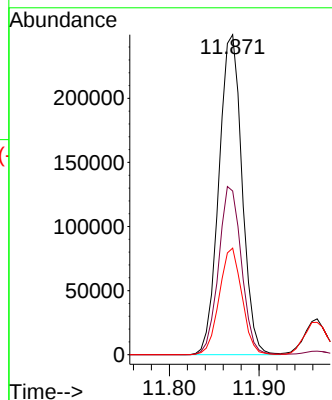
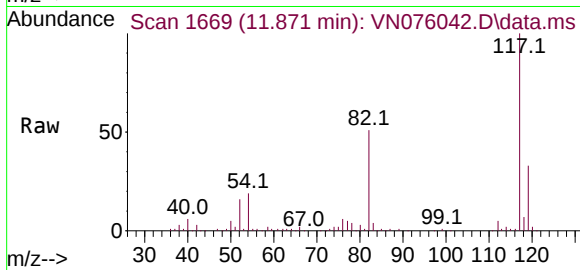




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

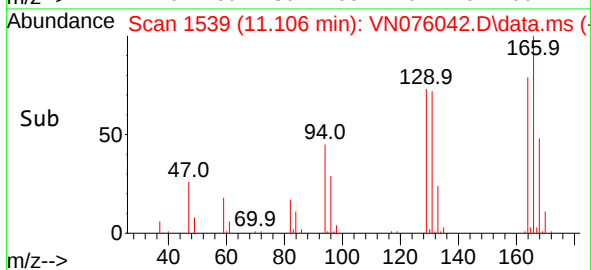
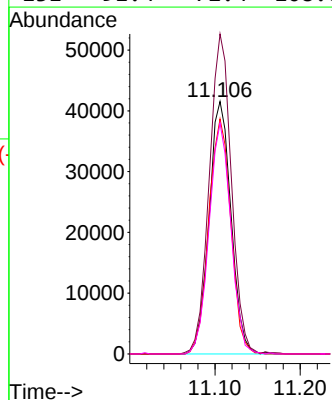
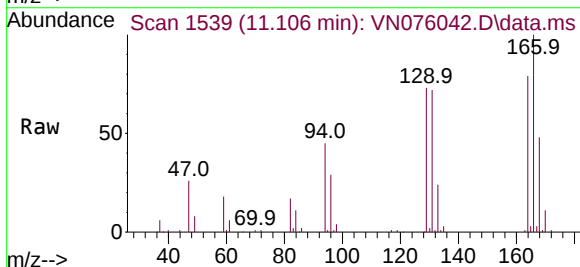
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

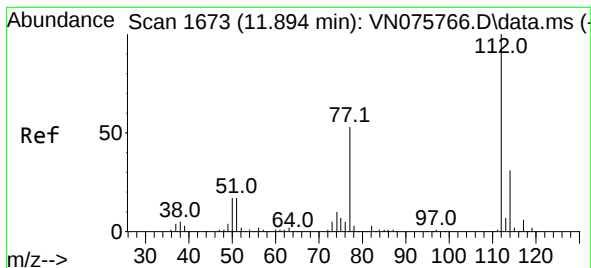
Tgt Ion:117 Resp: 447334
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 33.3 24.6 37.0



#64
Tetrachloroethene
Concen: 23.733 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:164 Resp: 74706
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 93.1 74.2 111.2
131 91.4 72.4 108.6

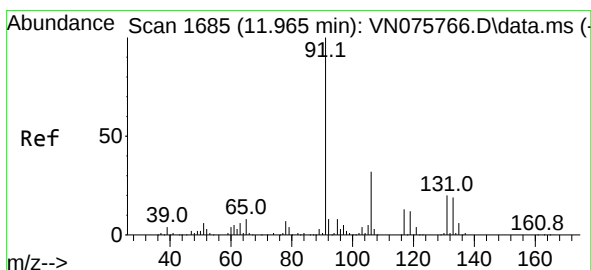
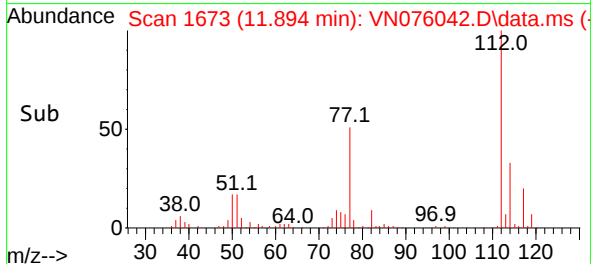
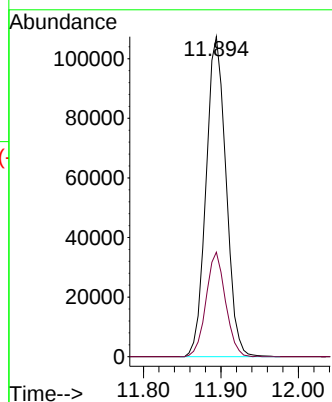
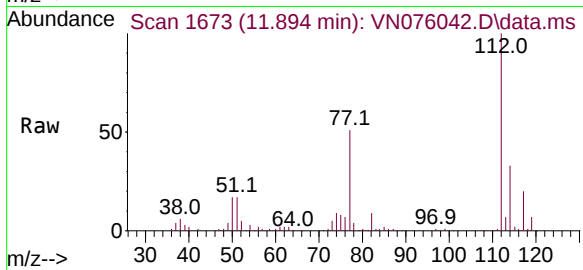




#65
Chlorobenzene
Concen: 20.918 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

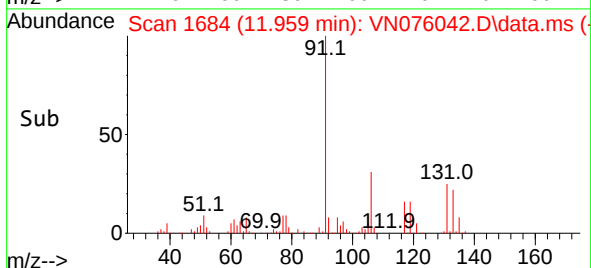
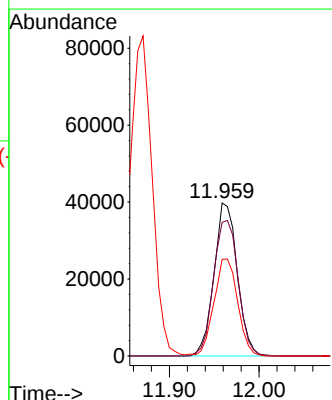
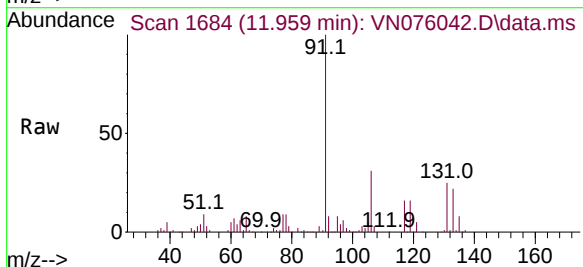
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

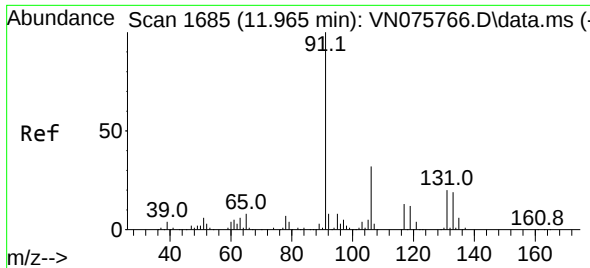
Tgt Ion:112 Resp: 192061
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:131 Resp: 71657
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 64.7 31.9 95.7

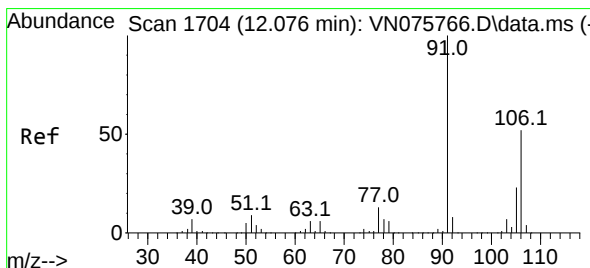
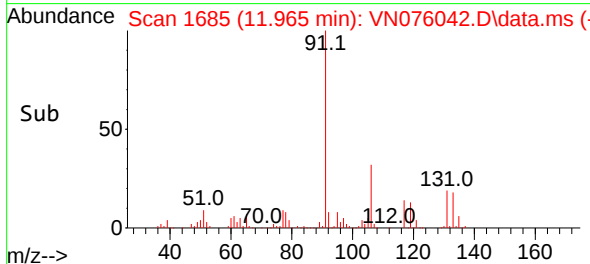
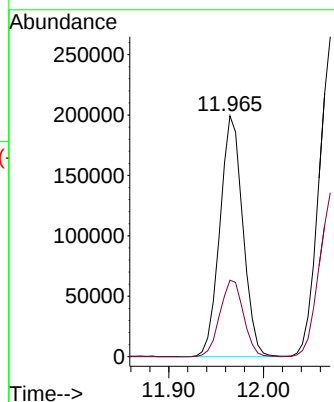
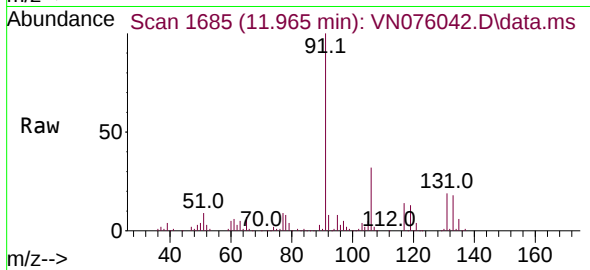




#67
Ethyl Benzene
Concen: 21.679 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

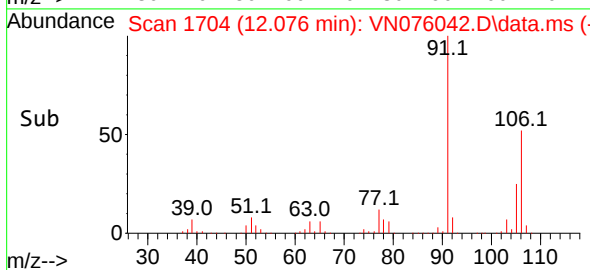
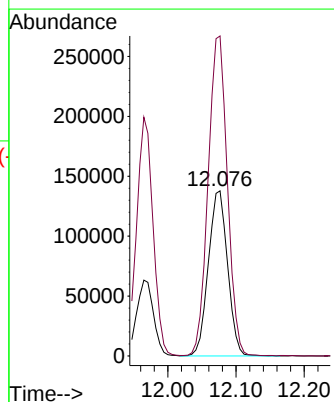
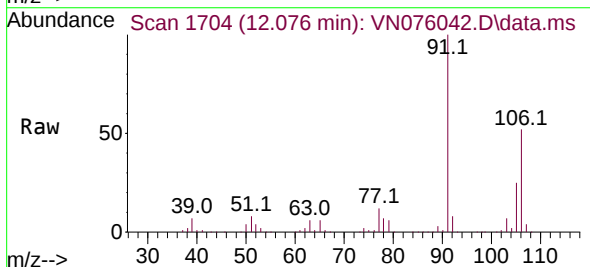
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

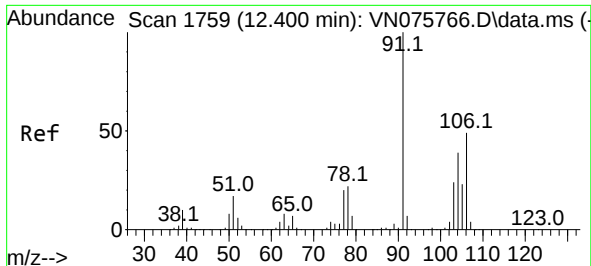
Tgt Ion: 91 Resp: 335940
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 44.050 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:106 Resp: 270173
Ion Ratio Lower Upper
106 100
91 193.8 156.6 235.0

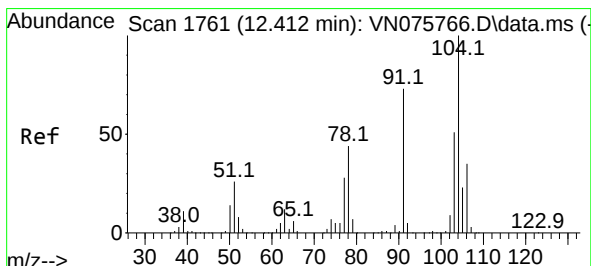
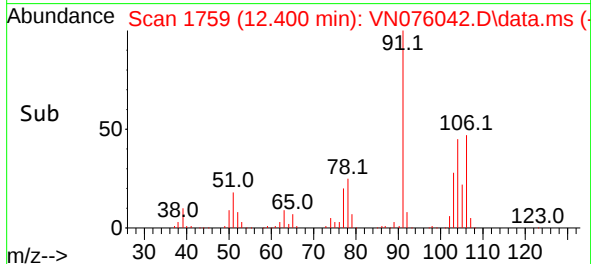
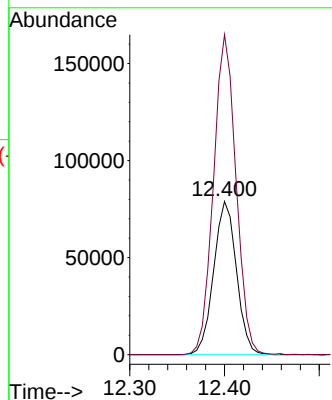
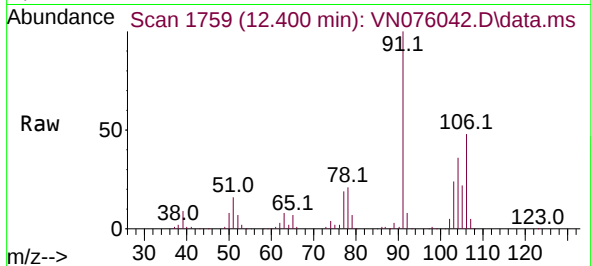




#69
o-Xylene
Concen: 21.741 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

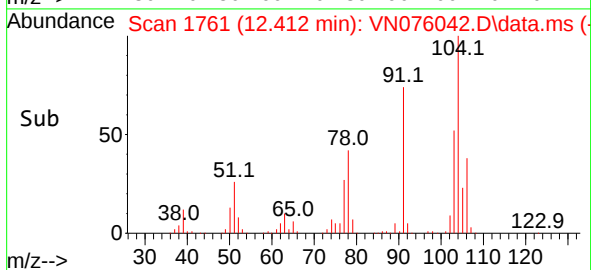
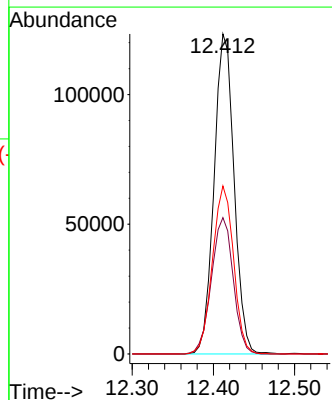
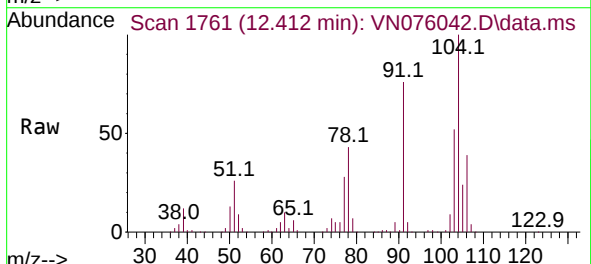
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

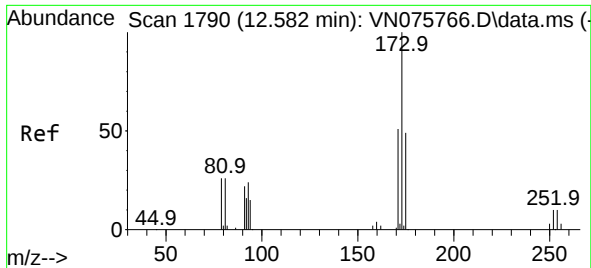
Tgt Ion:106 Resp: 131959
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.6



#70
Styrene
Concen: 21.952 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:104 Resp: 211851
Ion Ratio Lower Upper
104 100
78 46.2 37.5 56.3
103 55.2 43.5 65.3

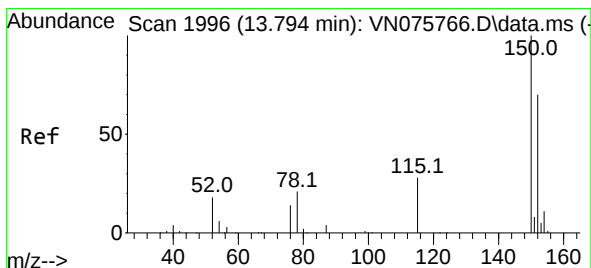
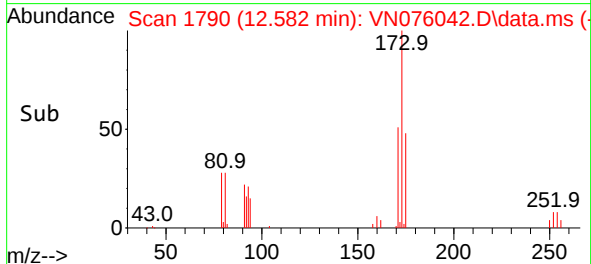
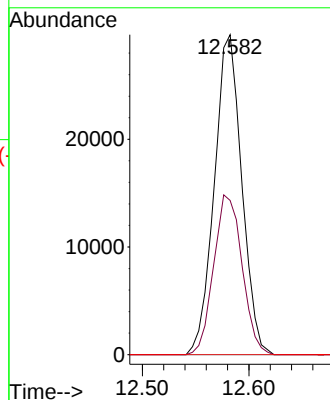
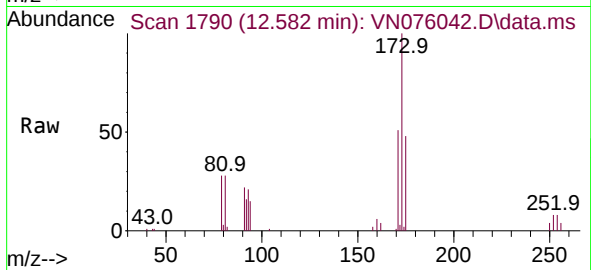




#71
Bromoform
Concen: 21.456 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

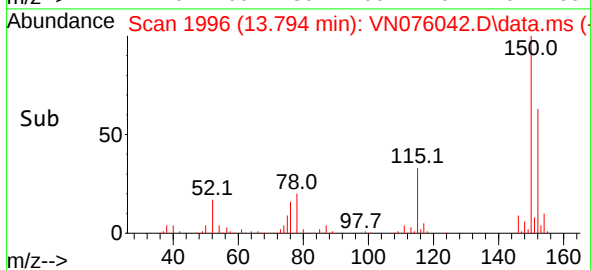
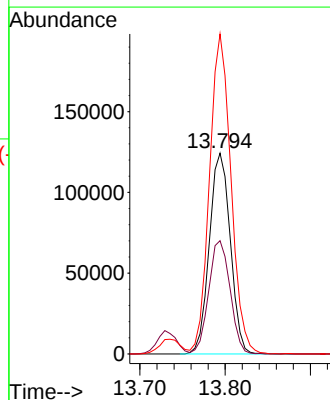
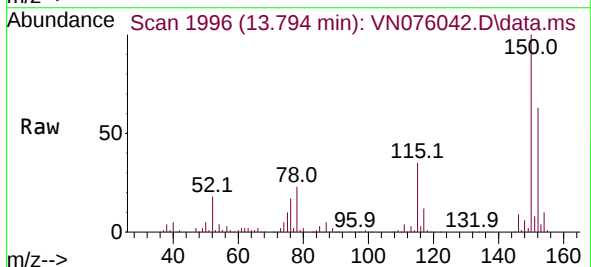
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

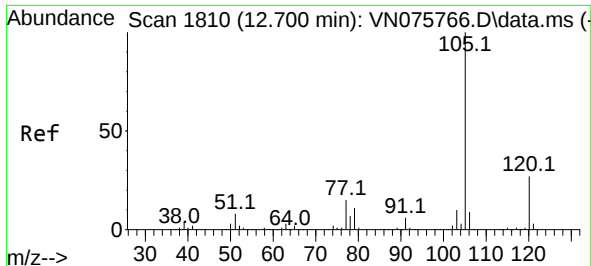
Tgt Ion:173 Resp: 53095
Ion Ratio Lower Upper
173 100
175 51.7 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:152 Resp: 212465
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 162.9 0.0 347.0

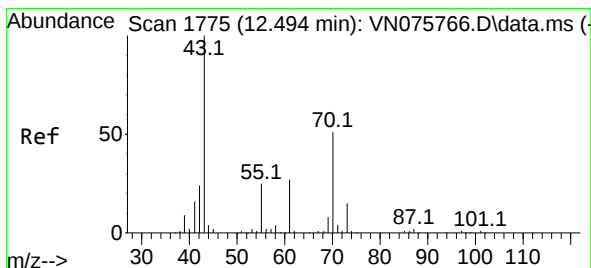
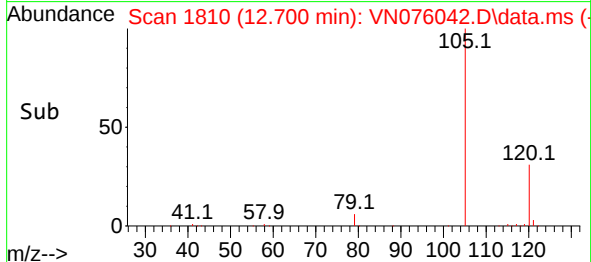
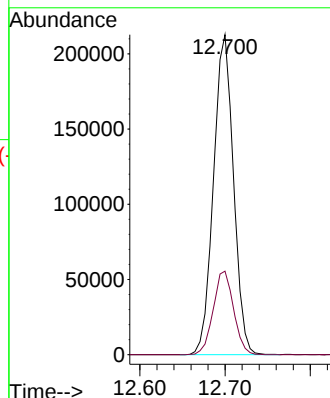
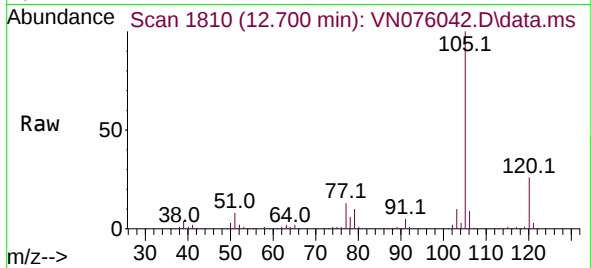




#73
Isopropylbenzene
Concen: 22.560 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

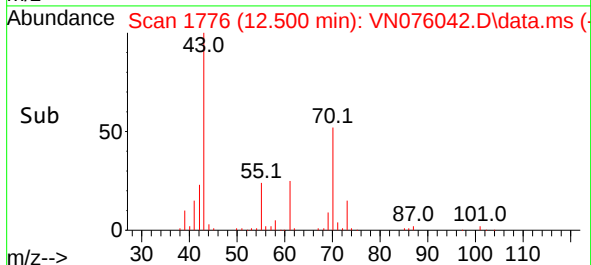
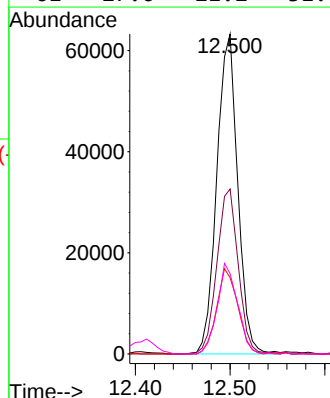
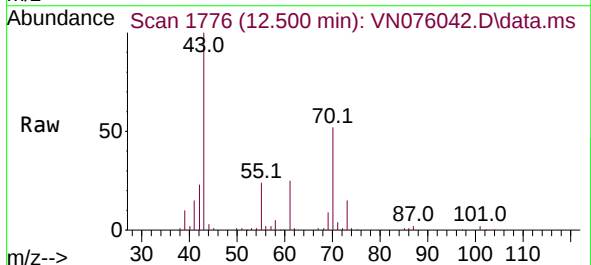
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

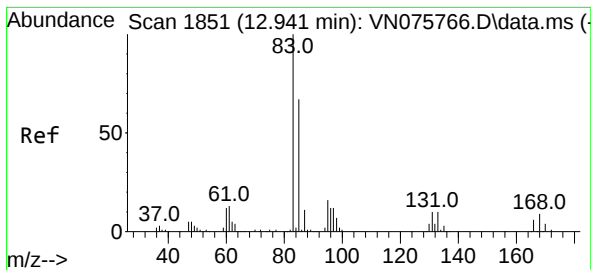
Tgt Ion:105 Resp: 346374
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 21.571 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 43 Resp: 97162
Ion Ratio Lower Upper
43 100
70 52.5 41.4 62.0
55 26.9 21.3 31.9
61 27.6 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.085 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

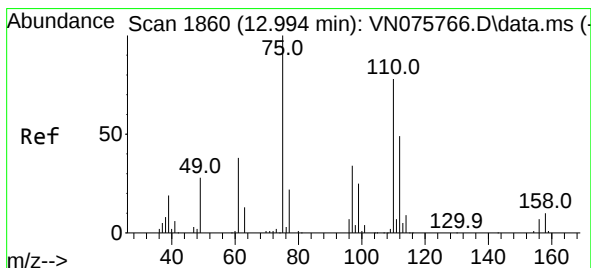
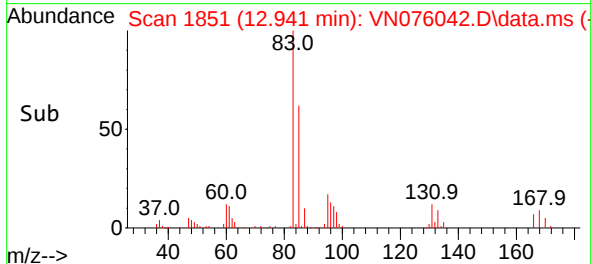
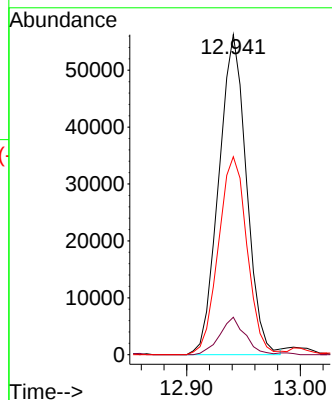
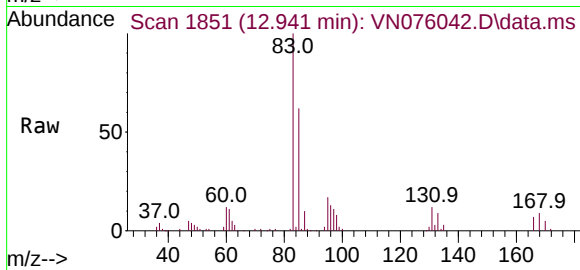
Tgt Ion: 83 Resp: 95331

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.533 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076042.D

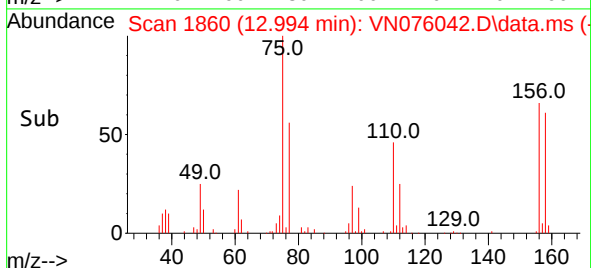
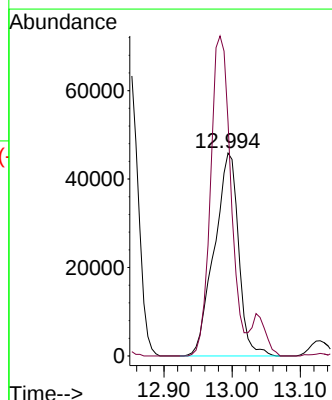
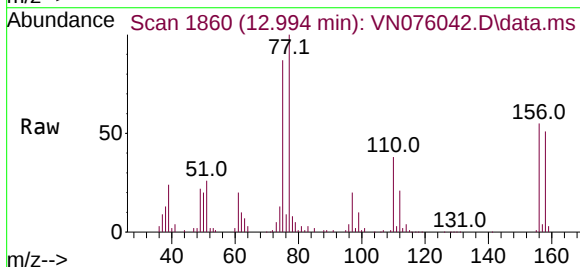
Acq: 29 Dec 2022 12:31

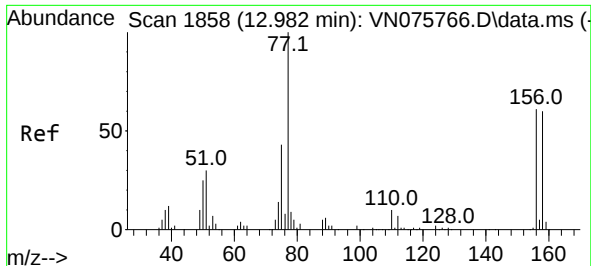
Tgt Ion: 75 Resp: 113637

Ion Ratio Lower Upper

75 100

77 132.1 82.6 247.8

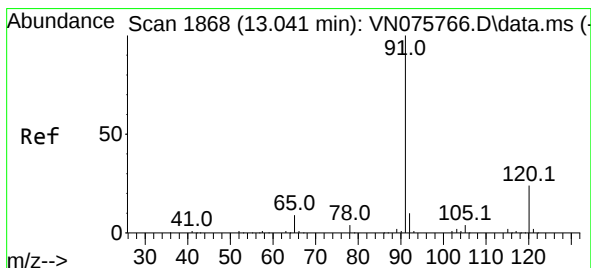
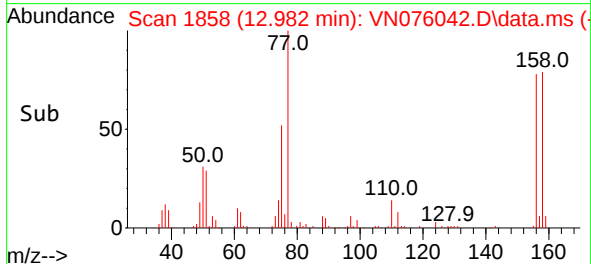
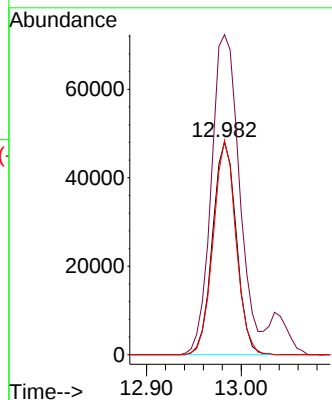
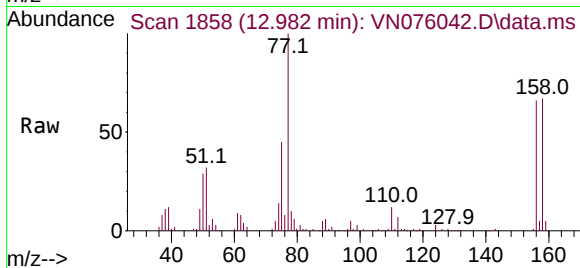




#77
Bromobenzene
Concen: 21.539 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

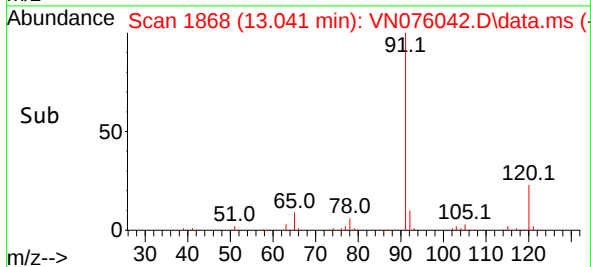
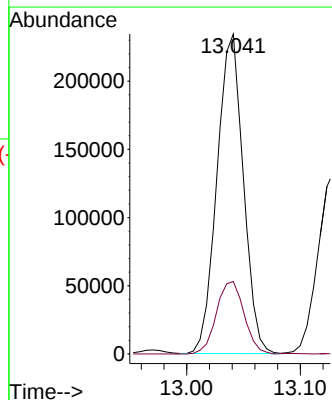
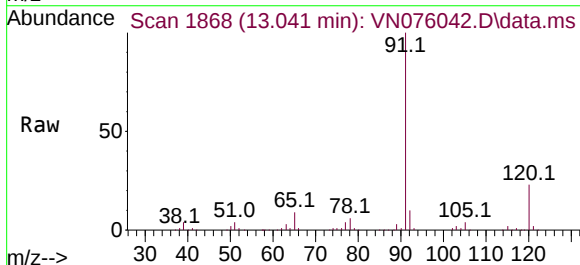
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

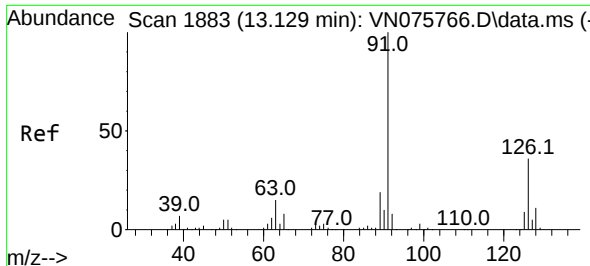
Tgt Ion:156 Resp: 83694
Ion Ratio Lower Upper
156 100
77 179.4 93.8 281.3
158 96.8 48.9 146.6



#78
n-propylbenzene
Concen: 22.299 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 91 Resp: 377618
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1

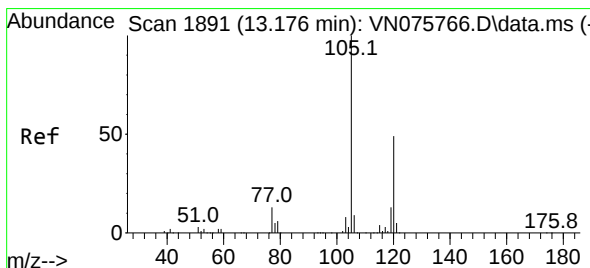
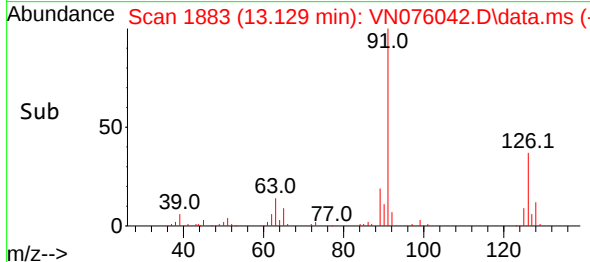
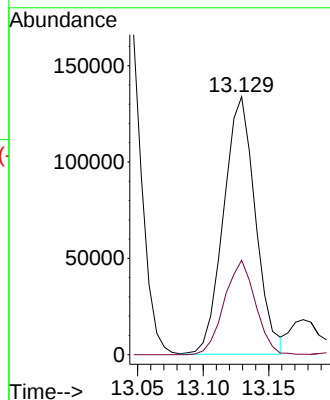
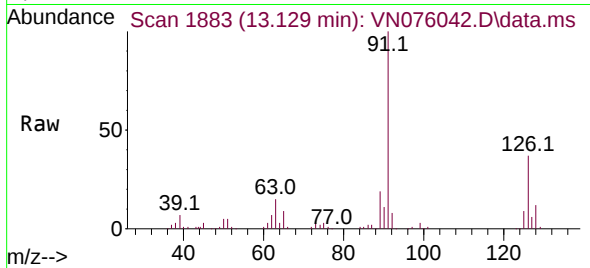




#79
2-Chlorotoluene
Concen: 21.372 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

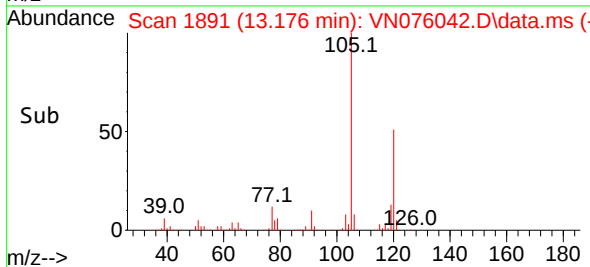
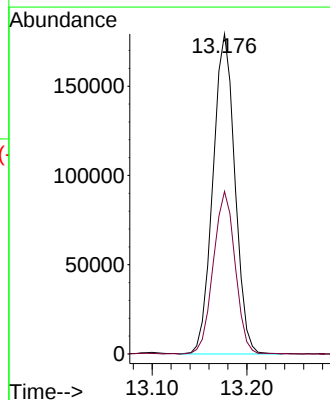
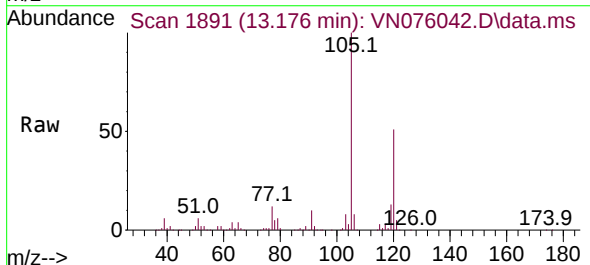
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

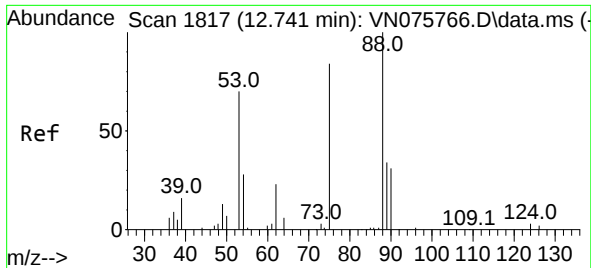
Tgt Ion: 91 Resp: 225917
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 22.528 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 105 Resp: 289483
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1

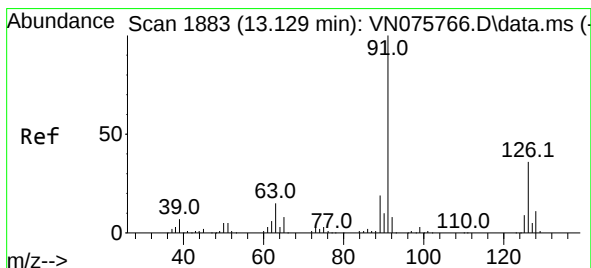
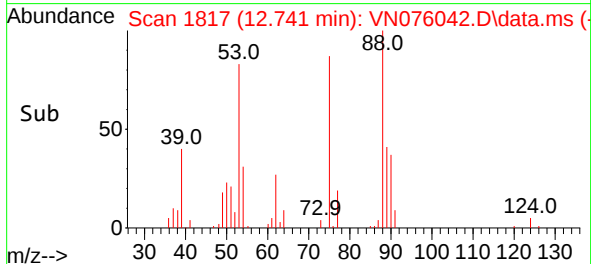
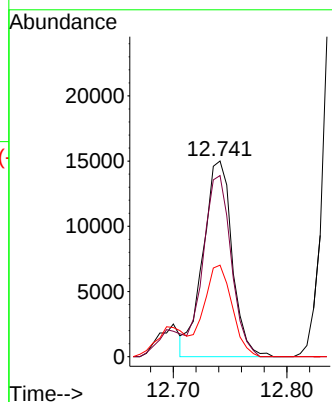
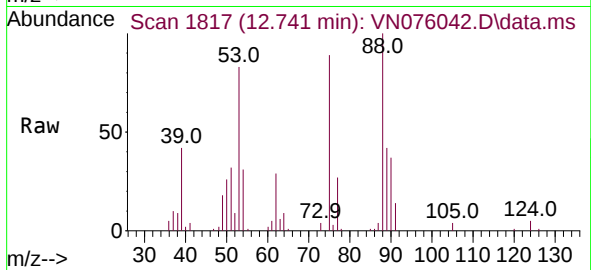




#81
trans-1,4-Dichloro-2-butene
Concen: 22.393 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

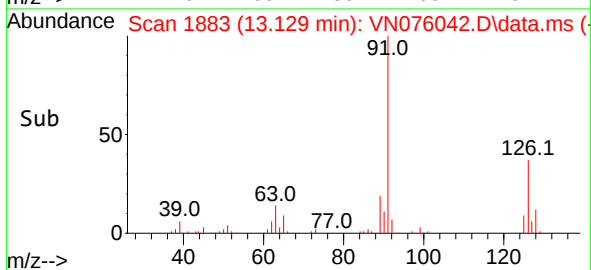
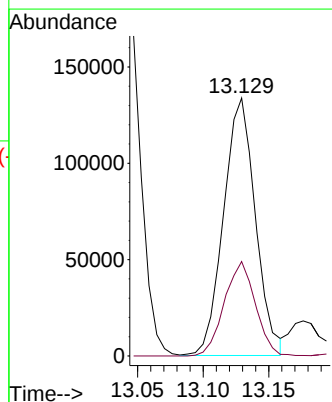
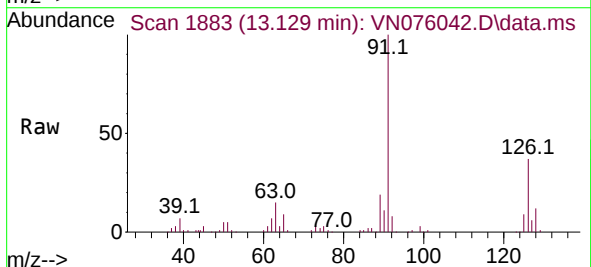
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

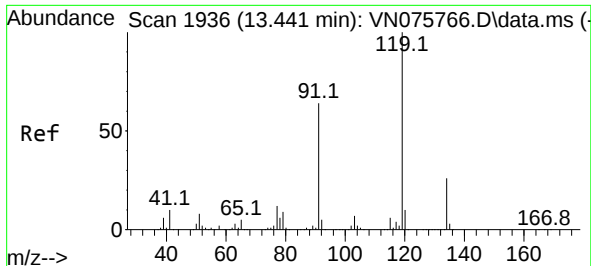
Tgt Ion: 75 Resp: 26644
Ion Ratio Lower Upper
75 100
53 88.7 73.8 110.6
89 46.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 21.372 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 91 Resp: 225917
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.5

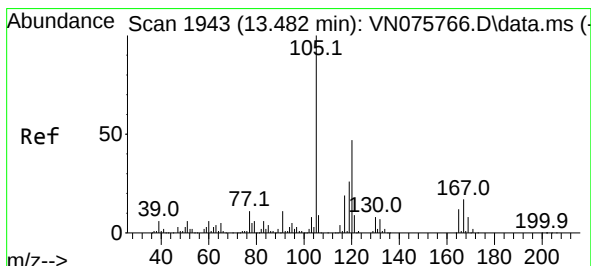
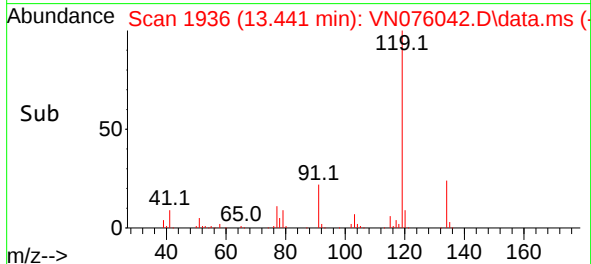
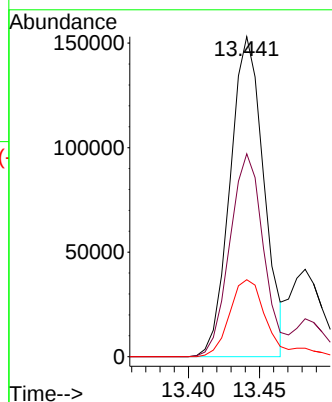
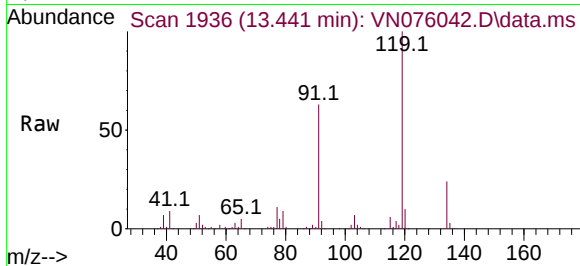




#83
tert-Butylbenzene
Concen: 22.334 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

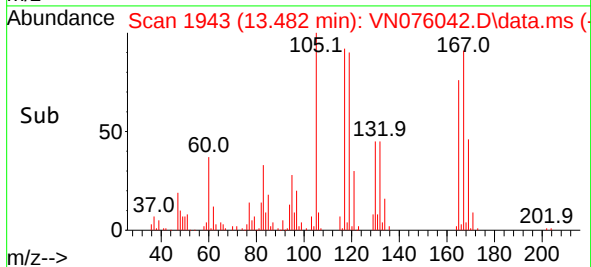
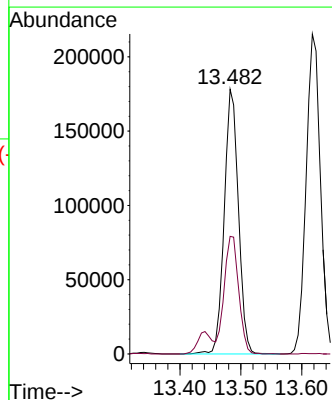
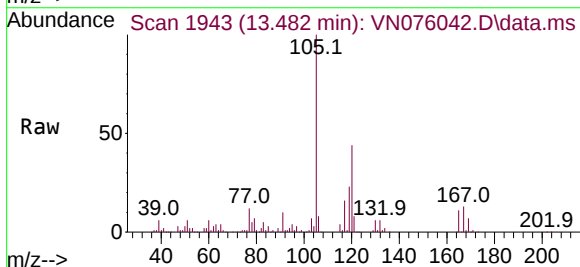
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

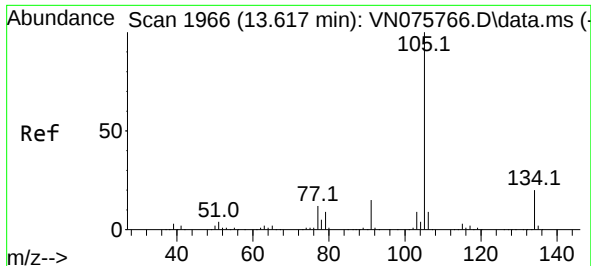
Tgt Ion:119 Resp: 253038
Ion Ratio Lower Upper
119 100
91 64.2 31.9 95.5
134 27.0 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 22.616 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:105 Resp: 288311
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8

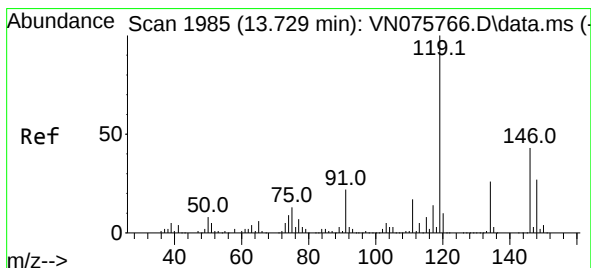
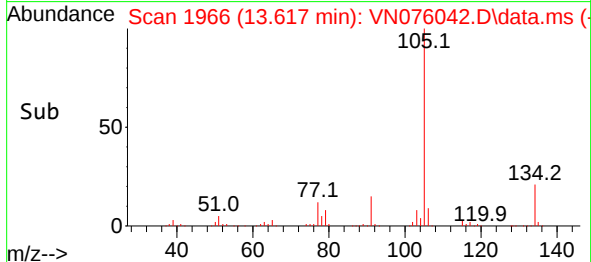
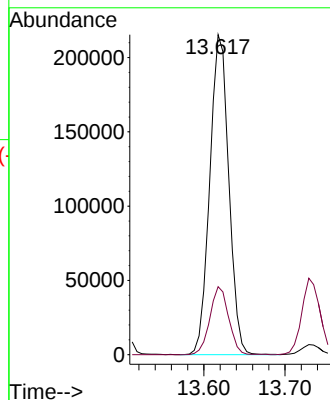
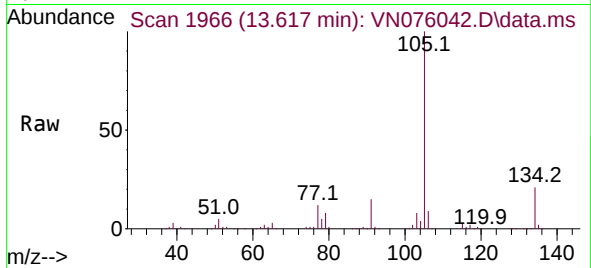




#85
 sec-Butylbenzene
 Concen: 22.385 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

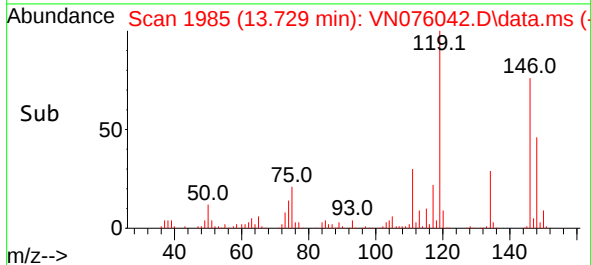
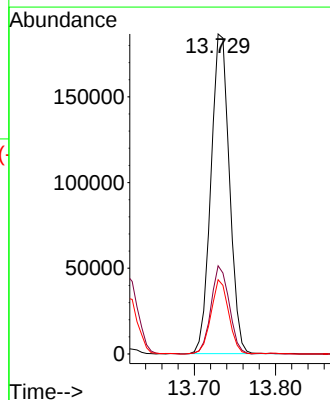
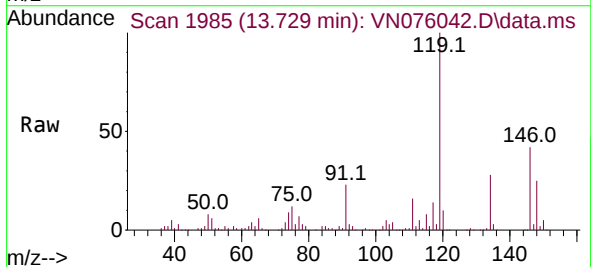
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

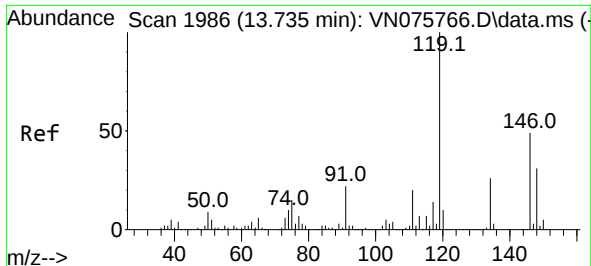
Tgt Ion:105 Resp: 350047
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.670 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076042.D
 Acq: 29 Dec 2022 12:31

Tgt Ion:119 Resp: 294978
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 39.0
 91 22.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.715 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

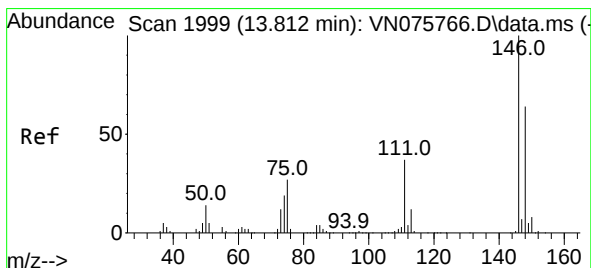
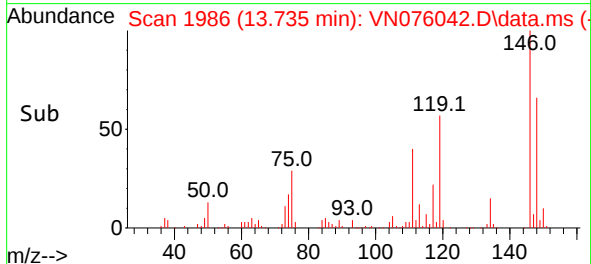
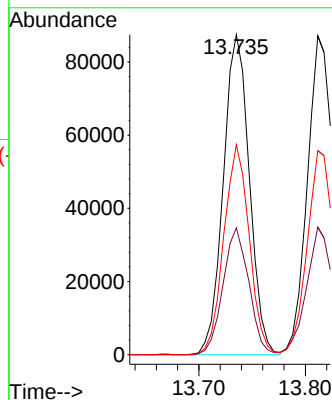
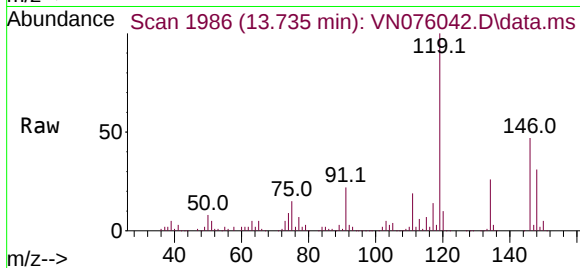
Tgt Ion:146 Resp: 148684

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 20.047 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

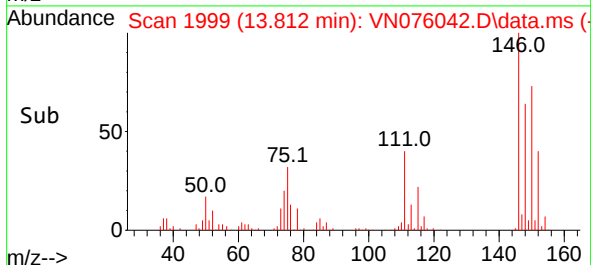
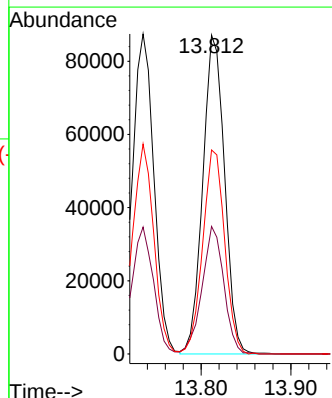
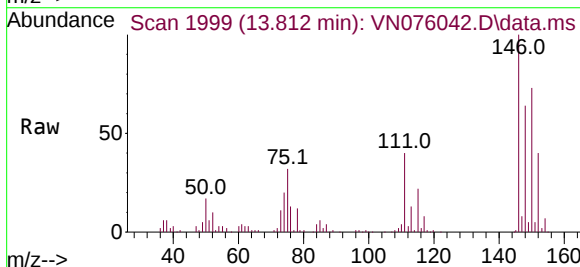
Tgt Ion:146 Resp: 146995

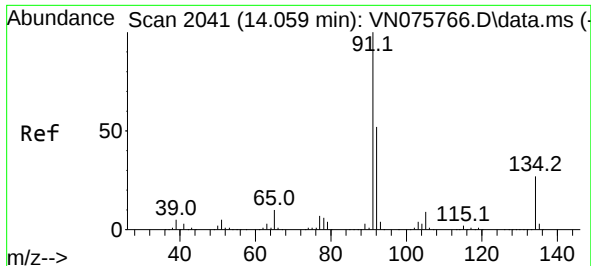
Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.1

148 64.7 32.0 96.2

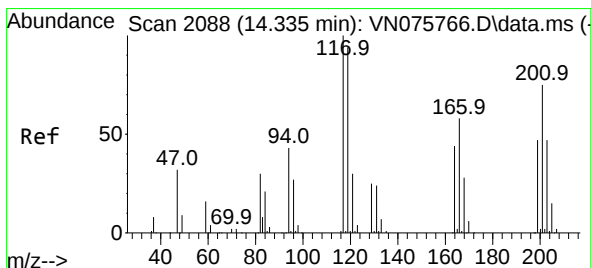
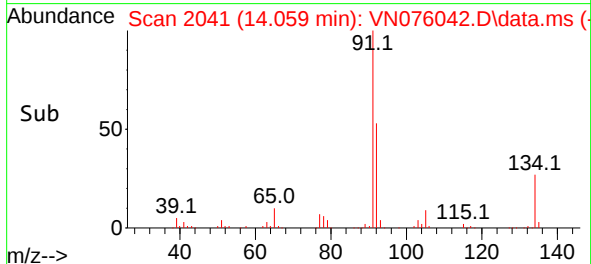
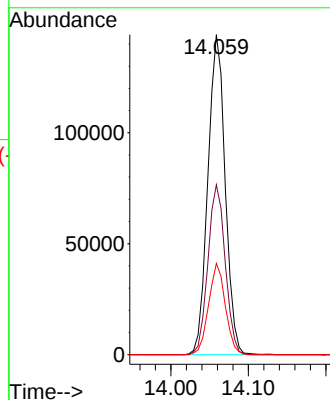
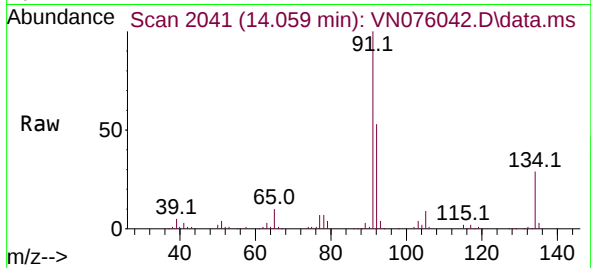




#89
n-Butylbenzene
Concen: 21.186 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

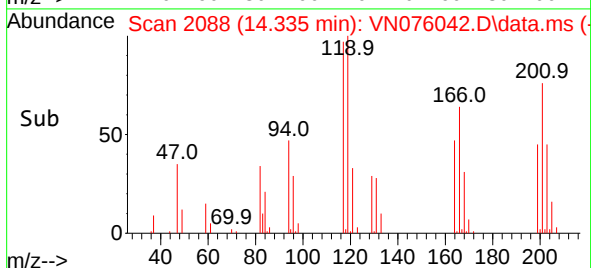
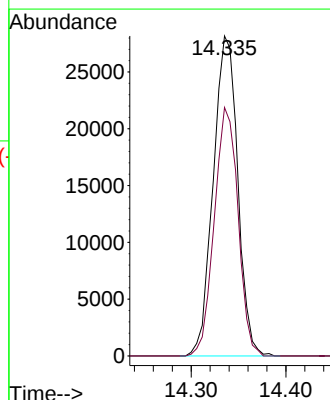
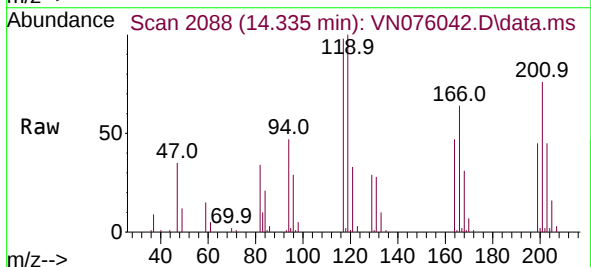
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

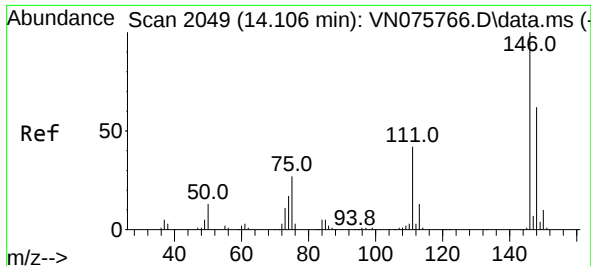
Tgt Ion: 91 Resp: 223330
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 27.6 13.4 40.2



#90
Hexachloroethane
Concen: 21.797 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion: 117 Resp: 50733
Ion Ratio Lower Upper
117 100
201 75.1 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 21.225 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

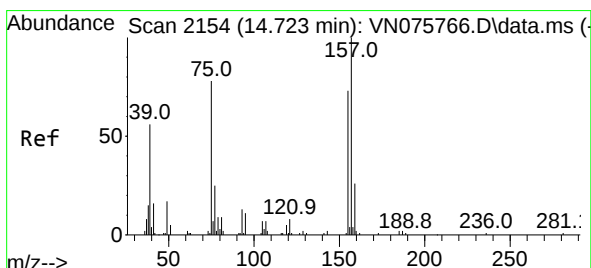
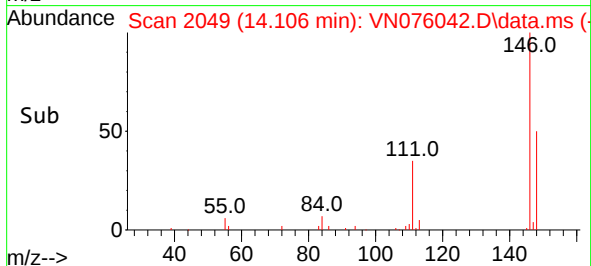
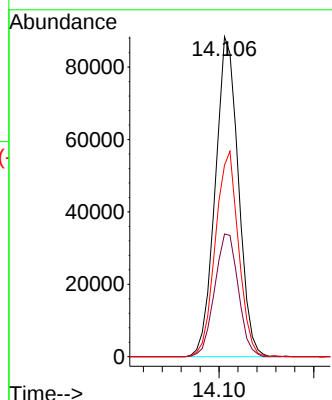
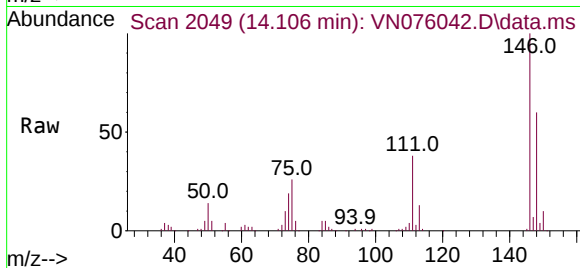
Tgt Ion:146 Resp: 150055

Ion Ratio Lower Upper

146 100

111 39.3 20.3 61.0

148 64.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.753 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

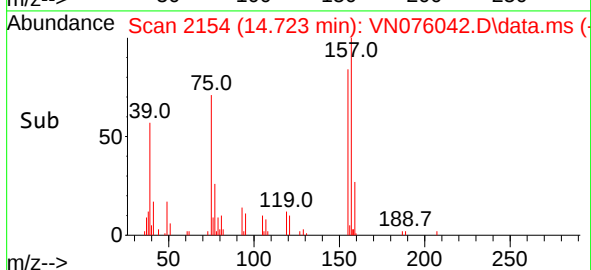
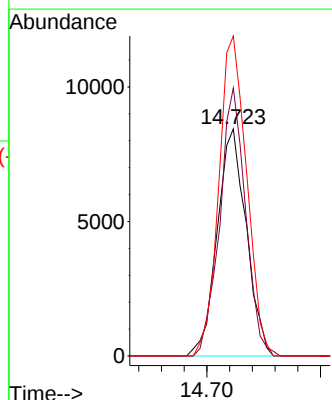
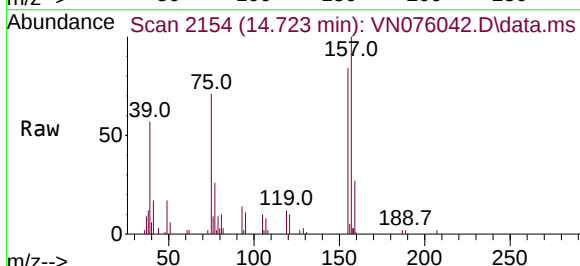
Tgt Ion: 75 Resp: 14952

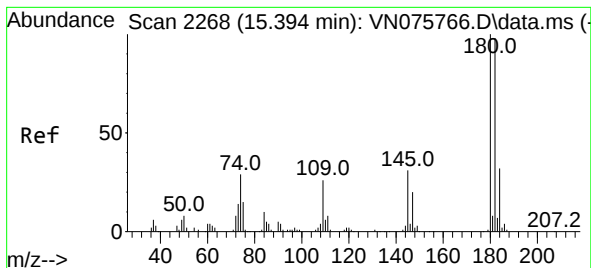
Ion Ratio Lower Upper

75 100

155 105.3 49.3 147.8

157 134.6 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 20.422 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBSD01

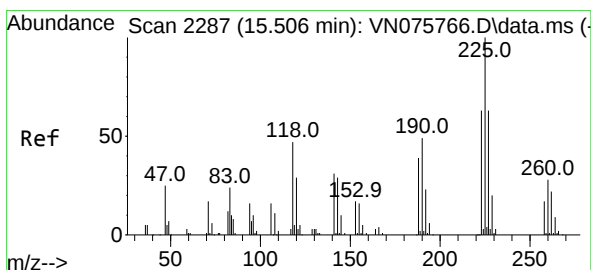
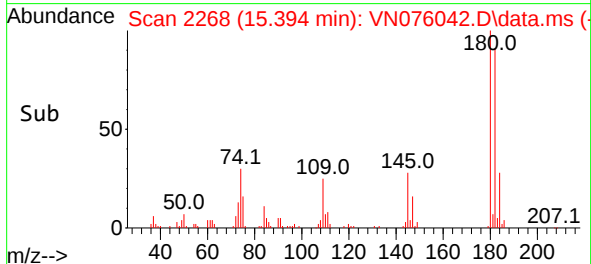
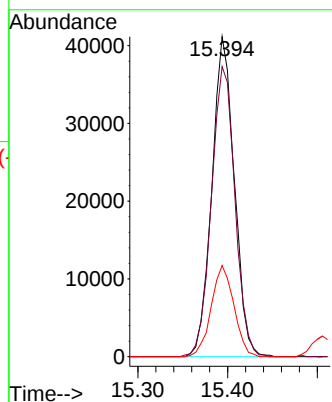
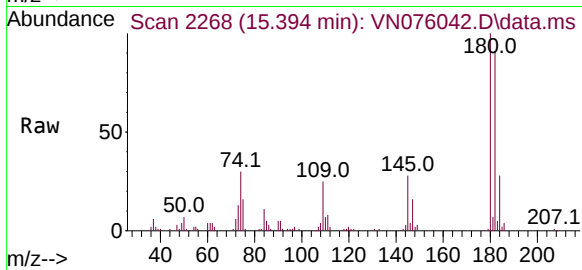
Tgt Ion:180 Resp: 71478

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 28.8 15.3 45.8



#94

Hexachlorobutadiene

Concen: 20.471 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076042.D

Acq: 29 Dec 2022 12:31

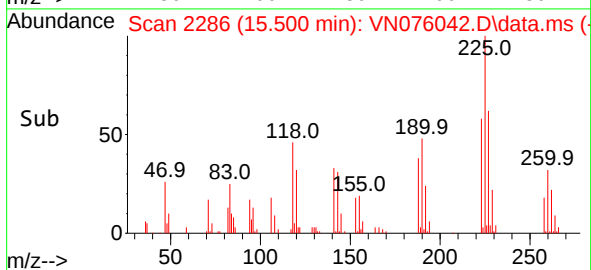
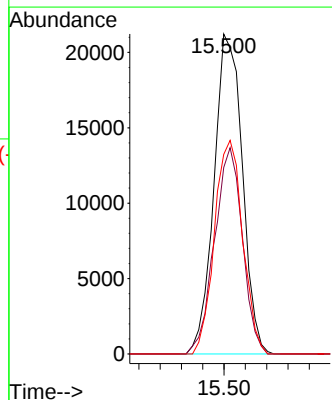
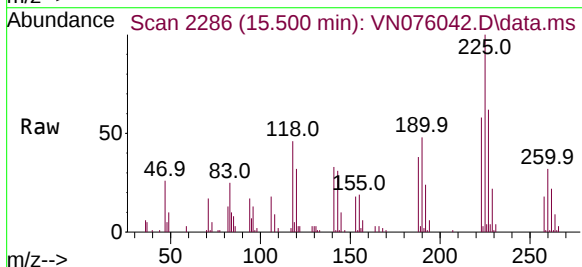
Tgt Ion:225 Resp: 39091

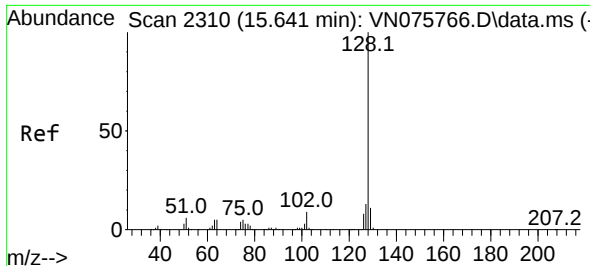
Ion Ratio Lower Upper

225 100

223 63.6 31.5 94.5

227 66.5 31.6 95.0

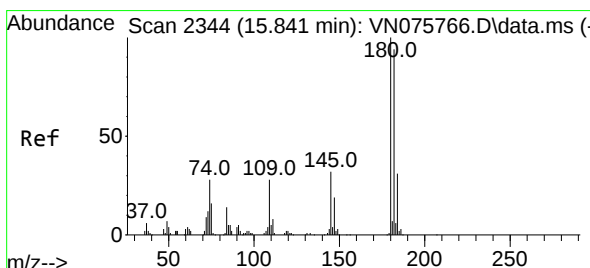
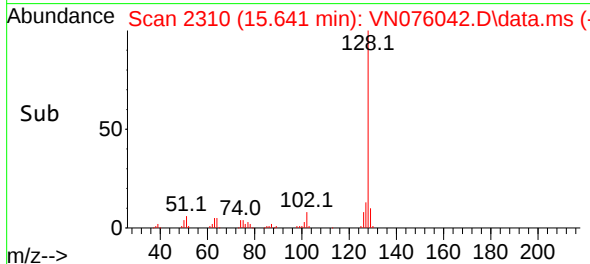
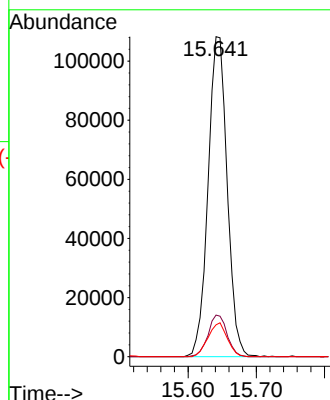
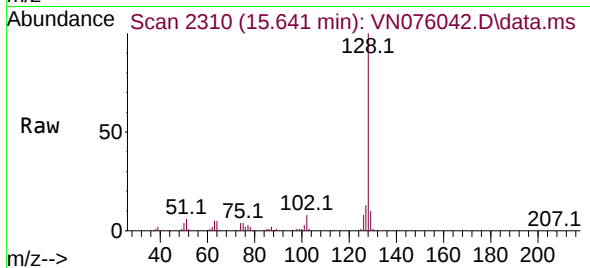




#95
Naphthalene
Concen: 19.622 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBSD01

Tgt Ion:128 Resp: 210897
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.477 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076042.D
Acq: 29 Dec 2022 12:31

Tgt Ion:180 Resp: 70260
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 31.6 16.0 47.9

