

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076019.D
 Acq On : 28 Dec 2022 23:43
 Operator : JC\MD
 Sample : VN1228WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

Quant Time: Dec 29 07:24:07 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	279115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	471994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167239	55.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.160%	
35) Dibromofluoromethane	8.171	113	152346	52.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.240%	
50) Toluene-d8	10.571	98	546227	49.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.853	95	182301	50.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	32372	16.335	ug/l	96
3) Chloromethane	2.377	50	40600	16.475	ug/l	95
4) Vinyl Chloride	2.530	62	51568	17.543	ug/l	99
5) Bromomethane	2.965	94	43352	17.353	ug/l	90
6) Chloroethane	3.130	64	41746	19.177	ug/l	98
7) Trichlorofluoromethane	3.518	101	81108	18.183	ug/l	91
8) Diethyl Ether	3.977	74	33939	20.832	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	46671	18.324	ug/l	99
10) Methyl Iodide	4.606	142	78545	19.002	ug/l	99
11) Tert butyl alcohol	5.530	59	47164	109.770	ug/l	99
12) 1,1-Dichloroethene	4.353	96	46091	18.632	ug/l	97
13) Acrolein	4.195	56	58772	111.574	ug/l	97
14) Allyl chloride	5.047	41	61395	21.231	ug/l	99
15) Acrylonitrile	5.730	53	128023	109.186	ug/l	98
16) Acetone	4.442	43	98625	94.221	ug/l	96
17) Carbon Disulfide	4.730	76	89468	14.938	ug/l	95
18) Methyl Acetate	5.042	43	69883	22.586	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	183885	22.573	ug/l	100
20) Methylene Chloride	5.295	84	59979	21.049	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	49635	18.321	ug/l	87
22) Diisopropyl ether	6.689	45	155874	22.189	ug/l	96
23) Vinyl Acetate	6.612	43	484617	102.492	ug/l	98
24) 1,1-Dichloroethane	6.583	63	94538	20.179	ug/l	98
25) 2-Butanone	7.494	43	153540	104.760	ug/l	95
26) 2,2-Dichloropropane	7.500	77	74754	18.841	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	63787	19.687	ug/l	95
28) Bromochloromethane	7.824	49	41866	20.388	ug/l	100
29) Tetrahydrofuran	7.847	42	102164	111.232	ug/l	98
30) Chloroform	7.977	83	108433	20.556	ug/l	93
31) Cyclohexane	8.265	56	75797	17.429	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	91908	19.653	ug/l	98
36) 1,1-Dichloropropene	8.377	75	67838	17.471	ug/l	98
37) Ethyl Acetate	7.565	43	63532	20.370	ug/l	99
38) Carbon Tetrachloride	8.371	117	77878	17.920	ug/l	94
39) Methylcyclohexane	9.606	83	81492	17.396	ug/l	96
40) Benzene	8.612	78	226733	18.926	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33395	20.599	ug/l	95
42) 1,2-Dichloroethane	8.677	62	79675	20.004	ug/l	99
43) Isopropyl Acetate	8.694	43	111598	21.691	ug/l	100
44) Trichloroethene	9.359	130	61194	18.131	ug/l	92
45) 1,2-Dichloropropane	9.624	63	56766	19.472	ug/l	96
46) Dibromomethane	9.712	93	43941	20.322	ug/l	99
47) Bromodichloromethane	9.894	83	85635	20.195	ug/l	94
48) Methyl methacrylate	9.688	41	49304	21.277	ug/l	97
49) 1,4-Dioxane	9.706	88	21843	383.430	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	339968	109.265	ug/l	99
52) Toluene	10.635	92	148429	19.024	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83612	20.144	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	91172	20.005	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	64093	20.929	ug/l	95
56) Ethyl methacrylate	10.877	69	89799	22.076	ug/l	99
57) 1,3-Dichloropropane	11.165	76	102382	20.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	133123	102.790	ug/l	99
59) 2-Hexanone	11.200	43	242265	106.769	ug/l	100
60) Dibromochloromethane	11.365	129	68676	20.165	ug/l	98
61) 1,2-Dibromoethane	11.471	107	63223	20.400	ug/l	99
64) Tetrachloroethene	11.106	164	56992	19.952	ug/l	96
65) Chlorobenzene	11.894	112	162920	19.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	63042	20.429	ug/l	97
67) Ethyl Benzene	11.965	91	276758	19.682	ug/l	100
68) m/p-Xylenes	12.071	106	222200	39.924	ug/l	98
69) o-Xylene	12.400	106	112579	20.440	ug/l	98
70) Styrene	12.412	104	182041	20.788	ug/l	99
71) Bromoform	12.582	173	50637	22.550	ug/l #	95
73) Isopropylbenzene	12.700	105	283780	20.143	ug/l	99
74) N-amyl acetate	12.500	43	92169	22.301	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	90904	20.873	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104904	26.695	ug/l	71
77) Bromobenzene	12.982	156	71176	19.963	ug/l	99
78) n-propylbenzene	13.041	91	309988	19.950	ug/l	99
79) 2-Chlorotoluene	13.129	91	193691	19.969	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	235440	19.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	21870	20.032	ug/l	95
82) 4-Chlorotoluene	13.129	91	193691	19.969	ug/l	100
83) tert-Butylbenzene	13.441	119	222110	21.365	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	241684	20.662	ug/l	99
85) sec-Butylbenzene	13.618	105	289959	20.208	ug/l	98
86) p-Isopropyltoluene	13.735	119	240832	20.171	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	127812	19.407	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	127418	18.939	ug/l	100
89) n-Butylbenzene	14.059	91	181925	18.809	ug/l	99
90) Hexachloroethane	14.341	117	41280	19.329	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	129842	20.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15206	19.677	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	60008	18.685	ug/l	99
94) Hexachlorobutadiene	15.506	225	32127	18.335	ug/l	97
95) Naphthalene	15.647	128	190828	19.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59720	19.895	ug/l	97

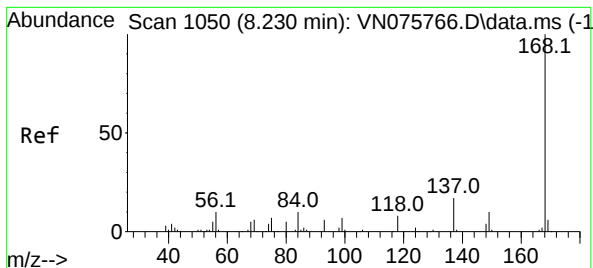
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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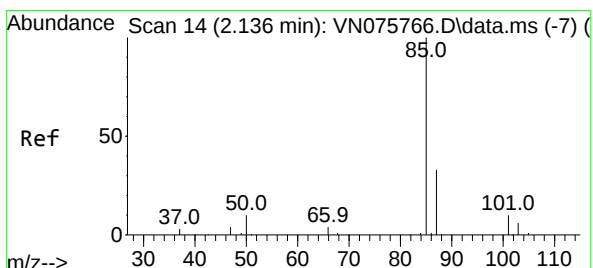
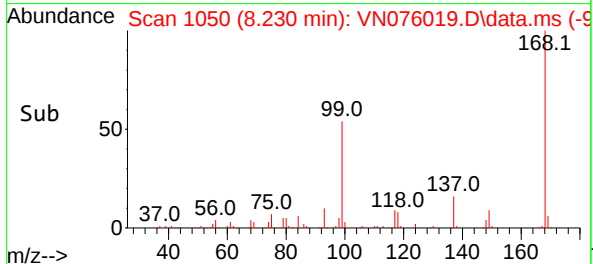
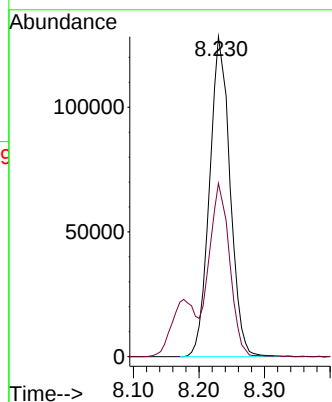
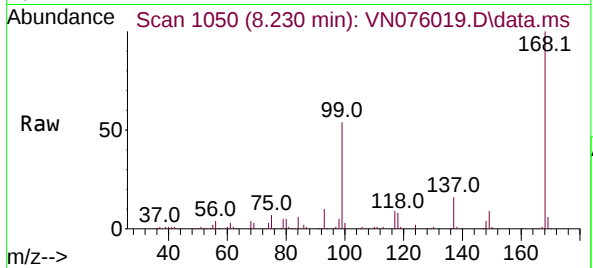
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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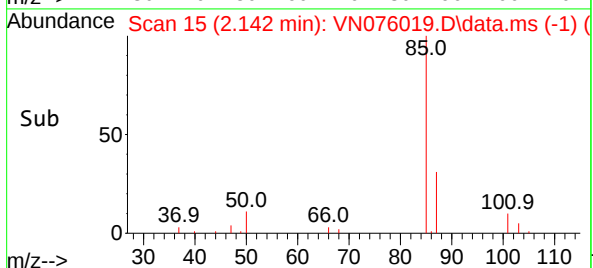
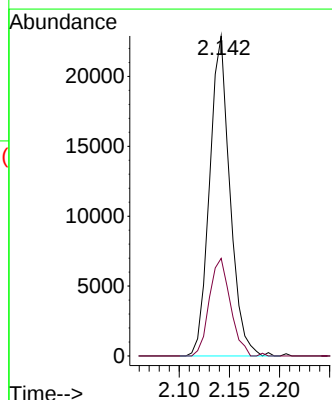
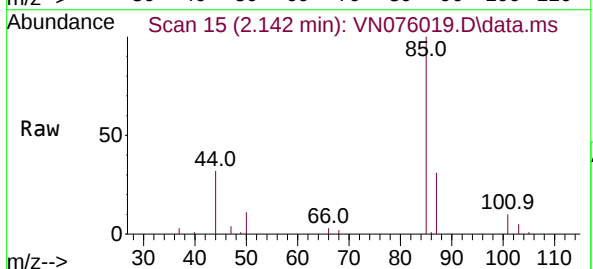
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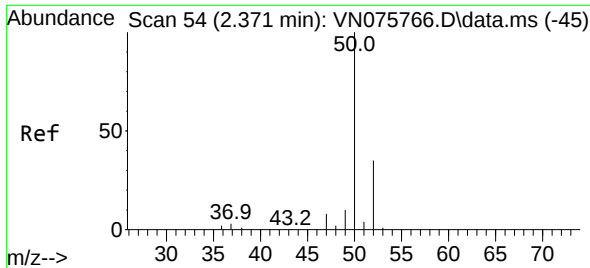
Tgt Ion:168 Resp: 279115
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.335 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 85 Resp: 32372
Ion Ratio Lower Upper
85 100
87 30.5 16.3 48.9

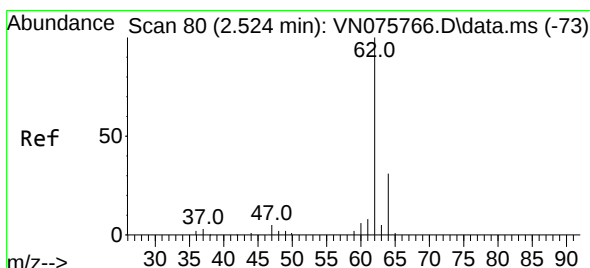
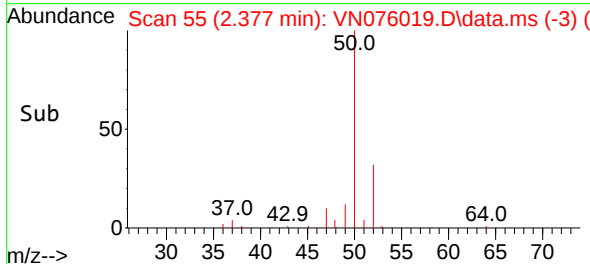
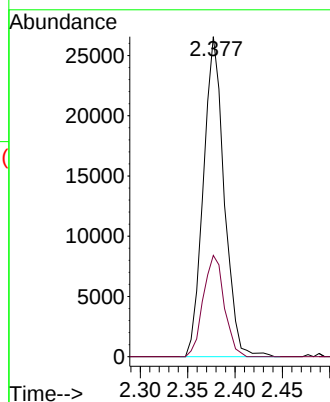
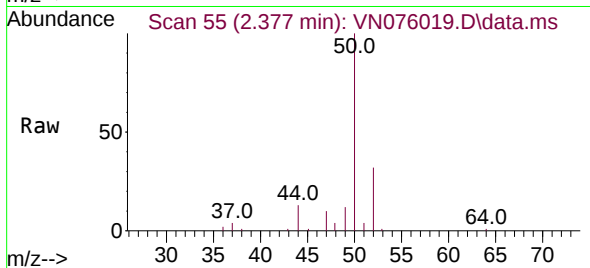




#3
Chloromethane
Concen: 16.475 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

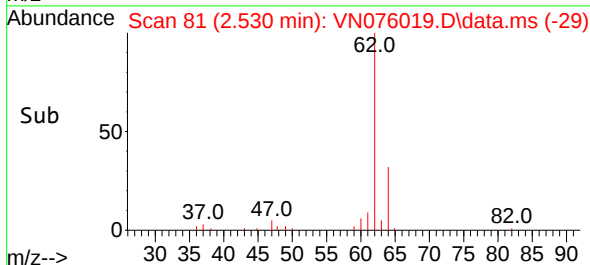
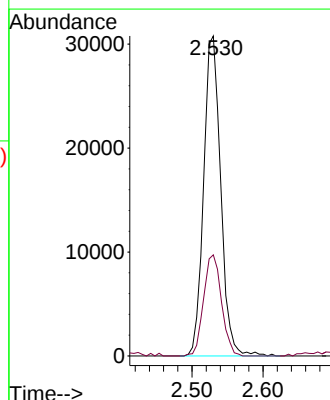
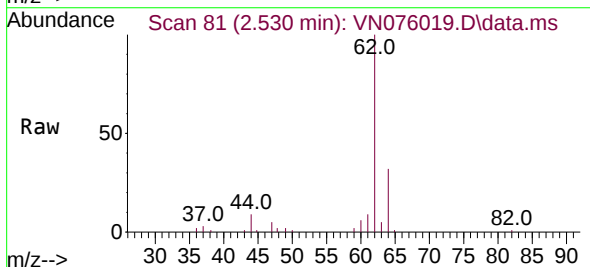
Instrument :
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ClientSampleId :
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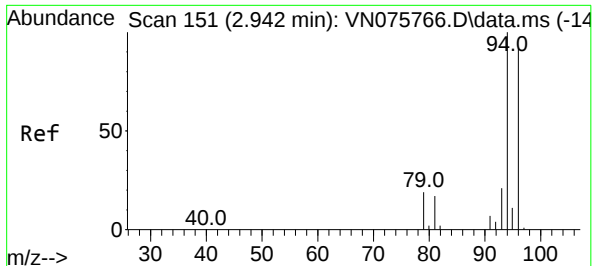
Tgt Ion: 50 Resp: 40600
Ion Ratio Lower Upper
50 100
52 31.7 27.7 41.5



#4
Vinyl Chloride
Concen: 17.543 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 62 Resp: 51568
Ion Ratio Lower Upper
62 100
64 31.6 24.9 37.3

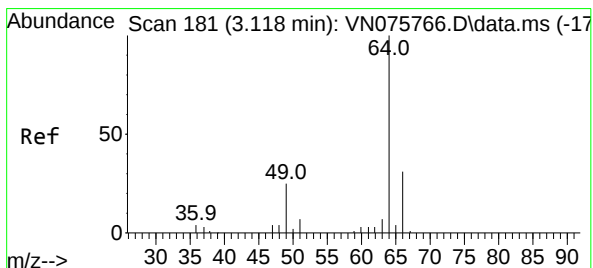
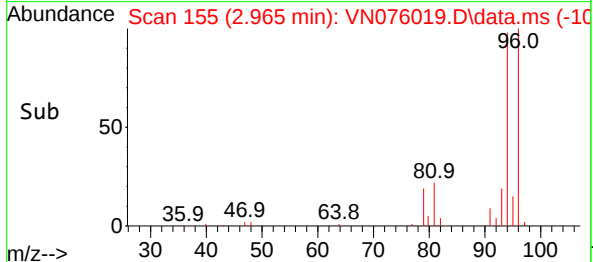
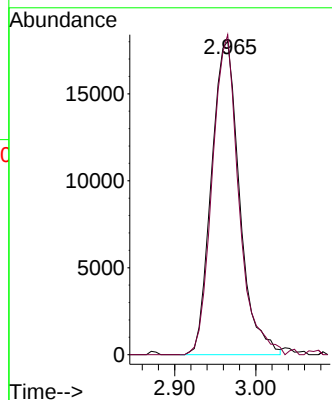
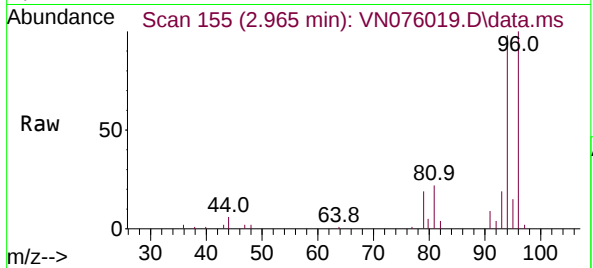




#5
Bromomethane
Concen: 17.353 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

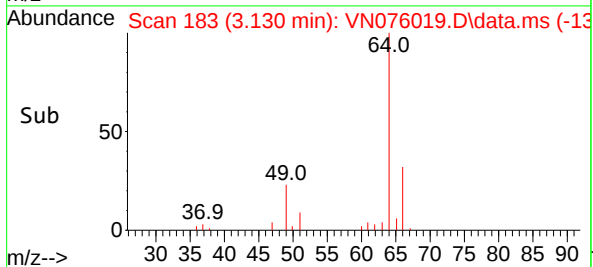
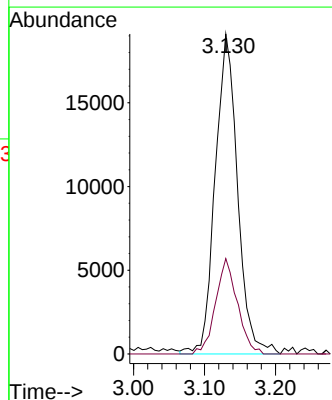
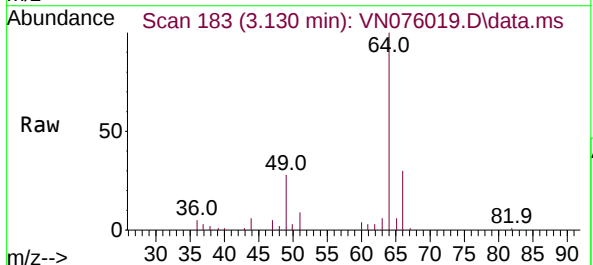
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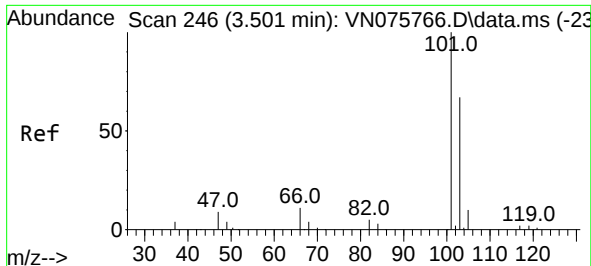
Tgt Ion: 94 Resp: 43352
Ion Ratio Lower Upper
94 100
96 102.1 73.8 110.6



#6
Chloroethane
Concen: 19.177 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 64 Resp: 41746
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8

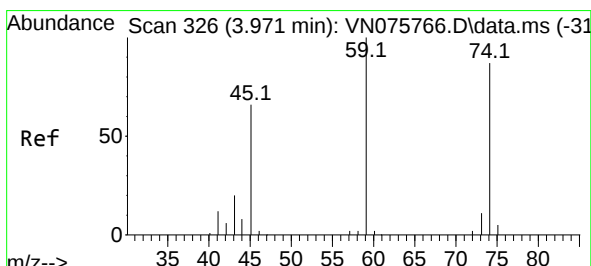
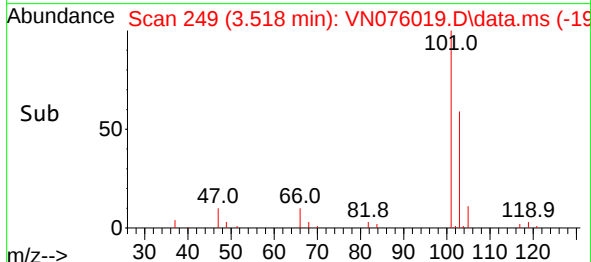
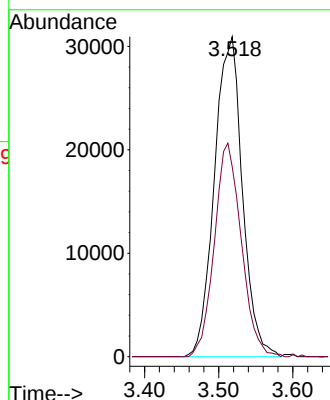
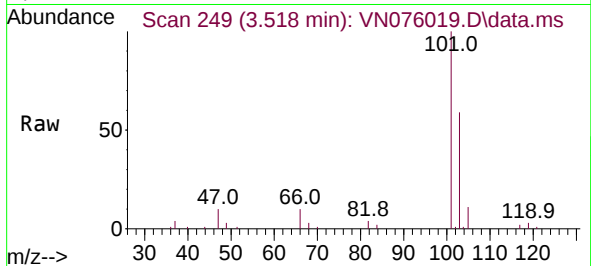




#7
 Trichlorofluoromethane
 Concen: 18.183 ug/l
 RT: 3.518 min Scan# 246
 Delta R.T. 0.018 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

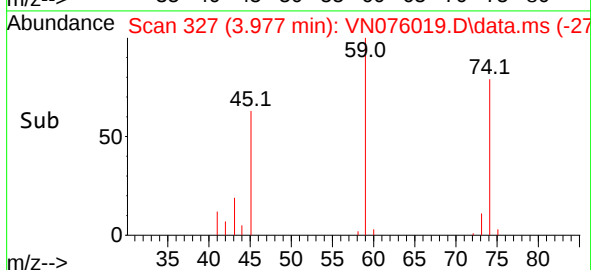
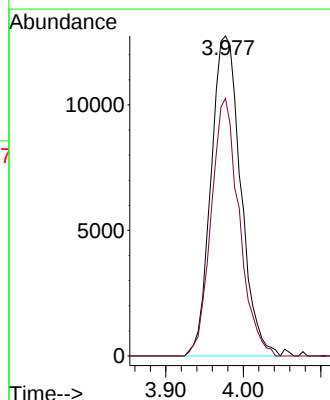
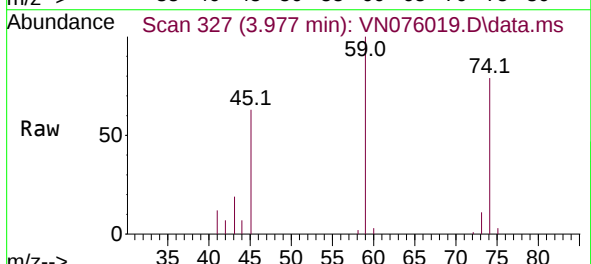
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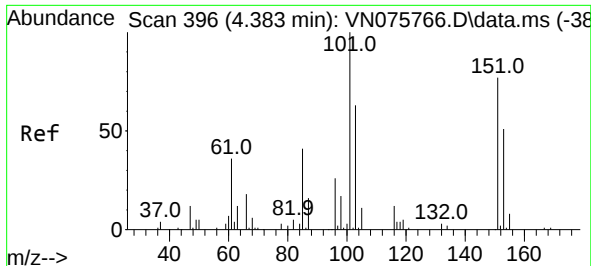
Tgt Ion:101 Resp: 81108
 Ion Ratio Lower Upper
 101 100
 103 59.3 53.4 80.2



#8
 Diethyl Ether
 Concen: 20.832 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Tgt Ion: 74 Resp: 33939
 Ion Ratio Lower Upper
 74 100
 45 75.9 37.8 113.4

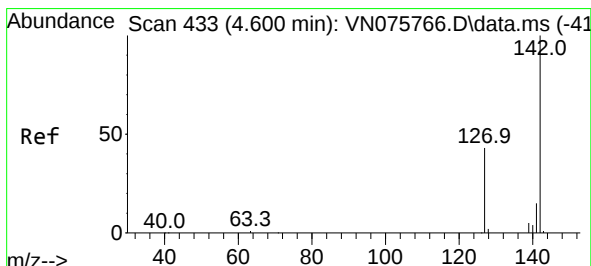
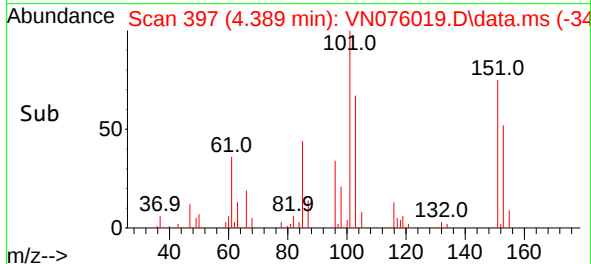
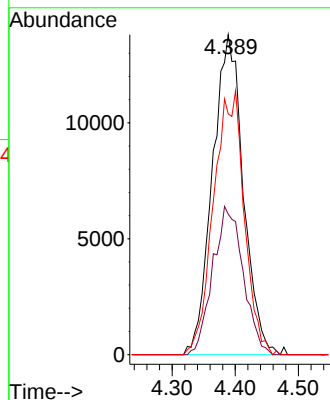
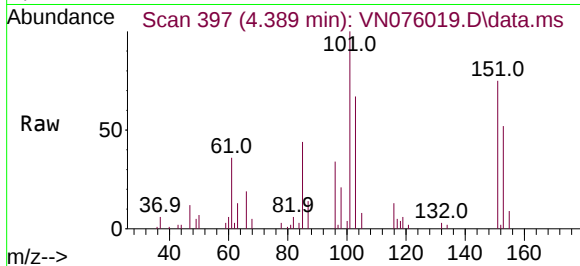




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.324 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076019.D
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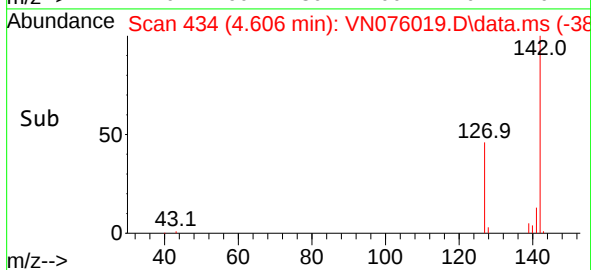
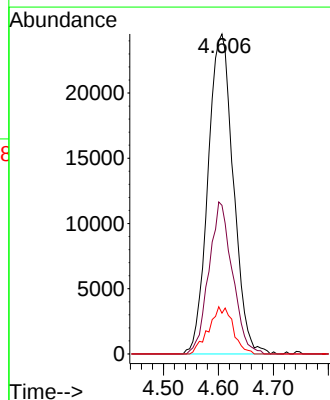
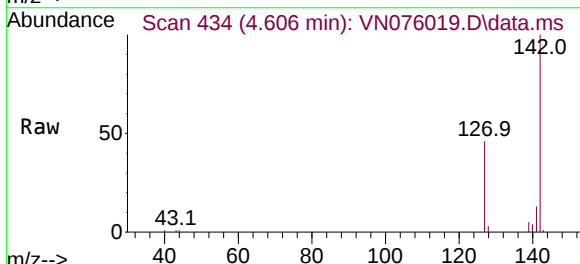
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion:	101	Resp:	46671
Ion	Ratio	Lower	Upper
101	100		
85	45.8	35.3	52.9
151	81.9	65.6	98.4



#10
Methyl Iodide
Concen: 19.002 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:	142	Resp:	78545
Ion	Ratio	Lower	Upper
142	100		
127	44.2	34.7	52.1
141	14.1	11.4	17.2

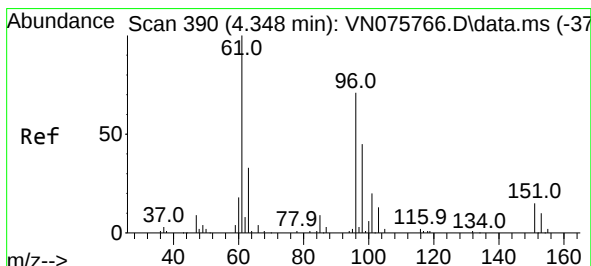
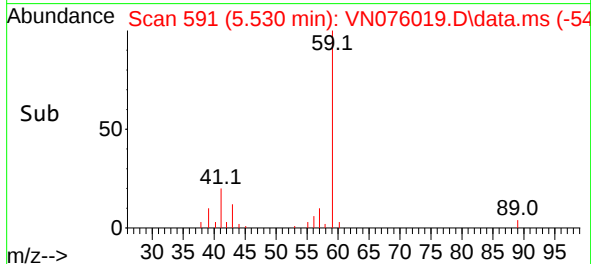
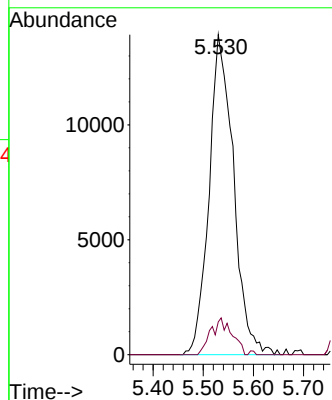
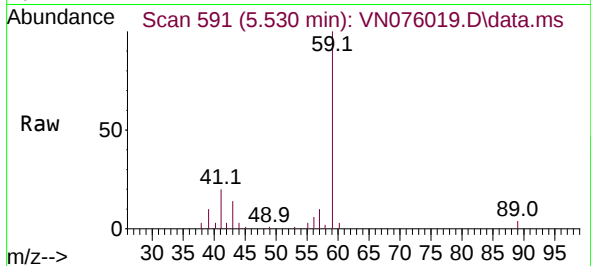




#11
Tert butyl alcohol
Concen: 109.770 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

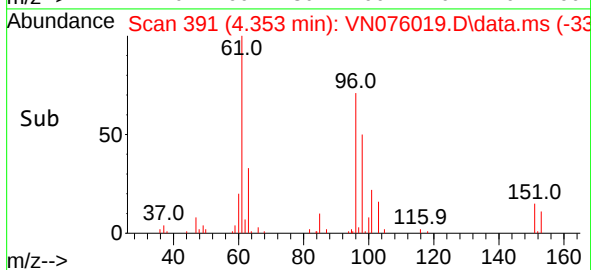
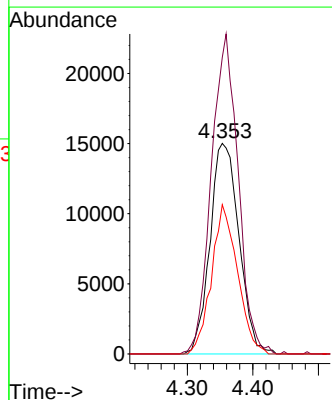
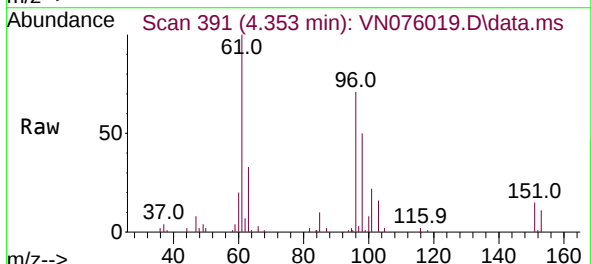
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion: 59 Resp: 47164
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.632 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 96 Resp: 46091
Ion Ratio Lower Upper
96 100
61 140.8 113.3 169.9
98 70.9 50.9 76.3

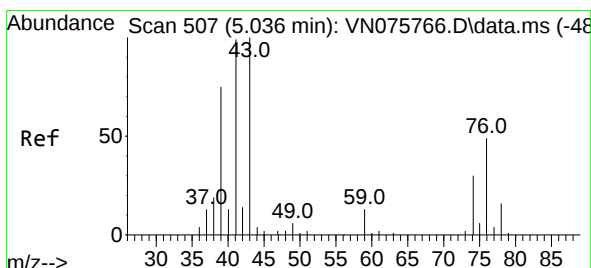
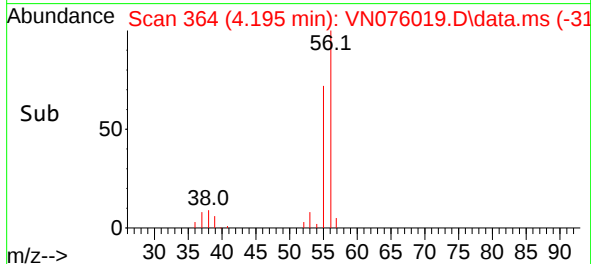
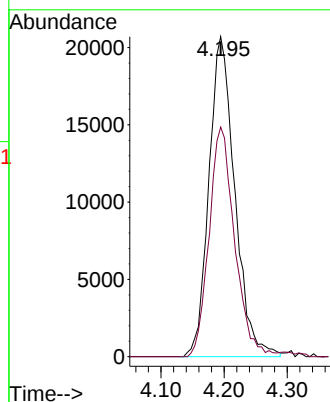
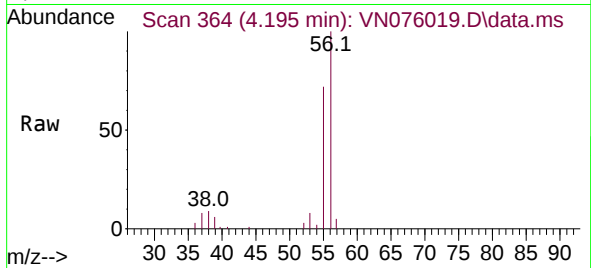




#13
Acrolein
Concen: 111.574 ug/l
RT: 4.195 min Scan# 309
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

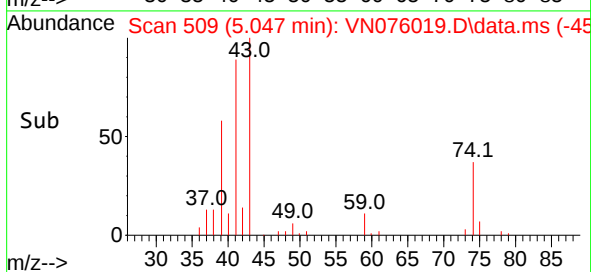
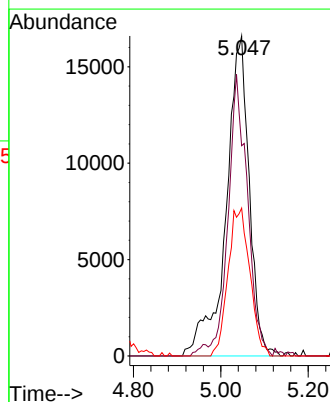
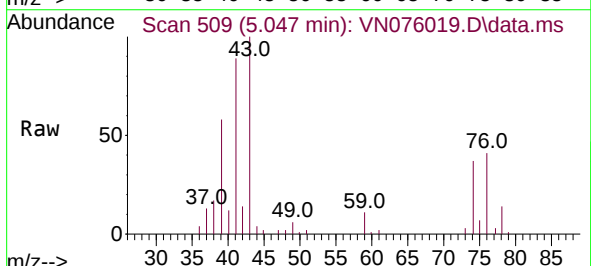
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

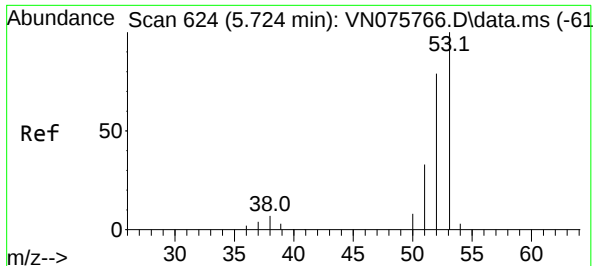
Tgt Ion: 56 Resp: 58772
Ion Ratio Lower Upper
56 100
55 70.9 54.8 82.2



#14
Allyl chloride
Concen: 21.231 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 41 Resp: 61395
Ion Ratio Lower Upper
41 100
39 73.6 58.3 87.5
76 43.3 35.8 53.6

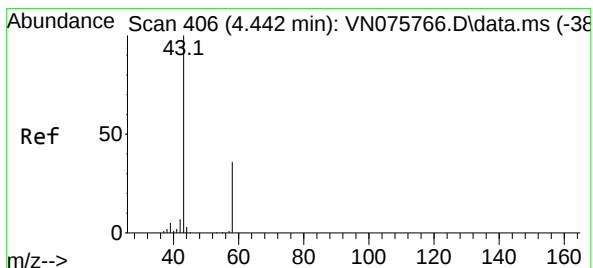
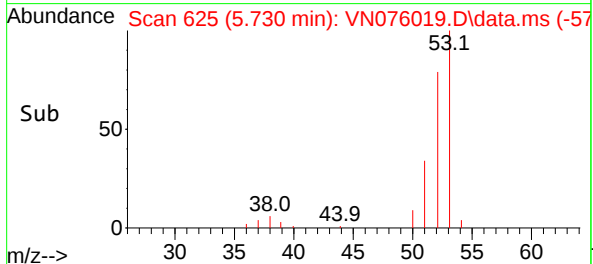
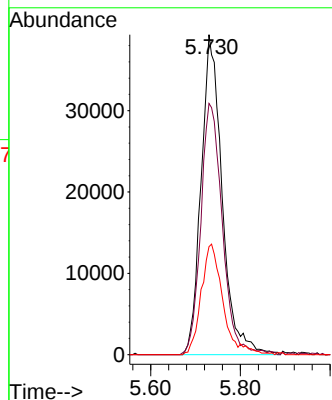
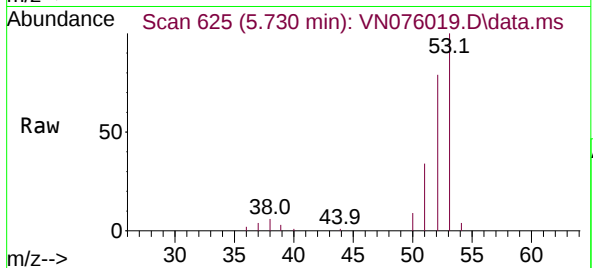




#15
Acrylonitrile
Concen: 109.186 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

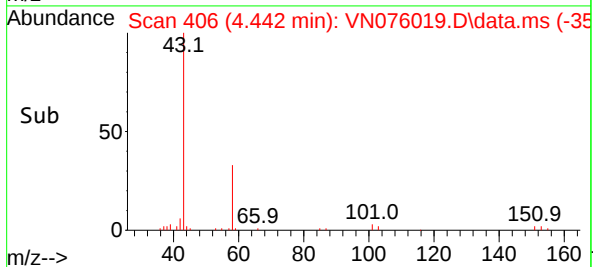
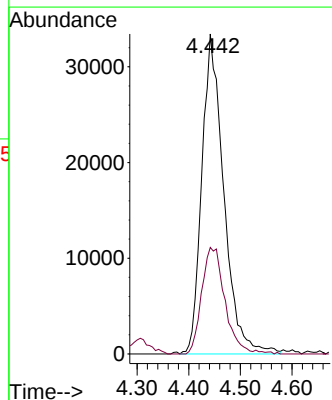
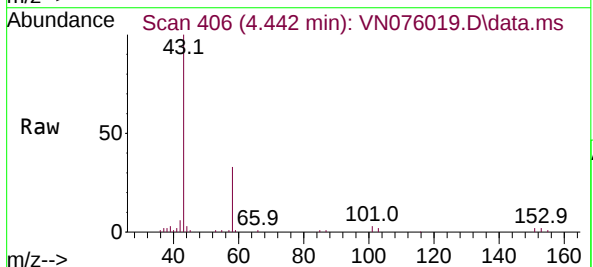
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

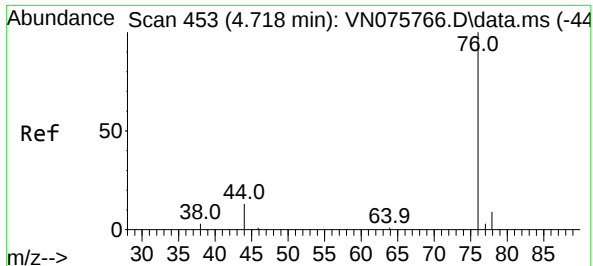
Tgt Ion: 53 Resp: 128023
Ion Ratio Lower Upper
53 100
52 80.1 65.4 98.0
51 35.5 28.9 43.3



#16
Acetone
Concen: 94.221 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 43 Resp: 98625
Ion Ratio Lower Upper
43 100
58 33.3 28.6 43.0

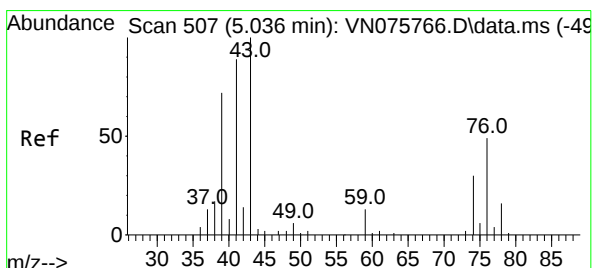
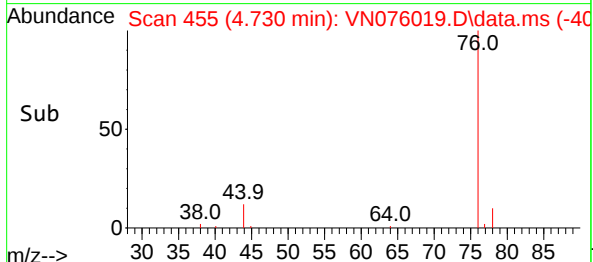
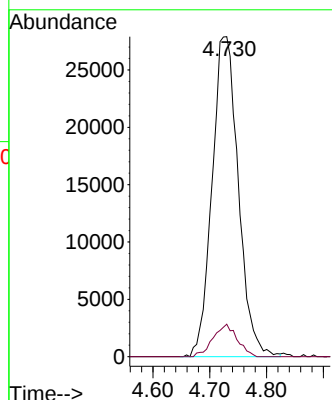
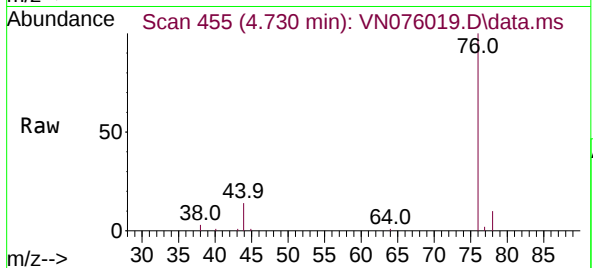




#17
Carbon Disulfide
Concen: 14.938 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

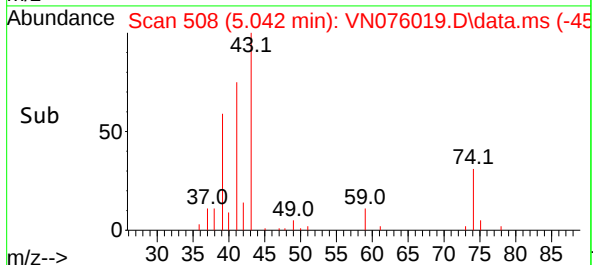
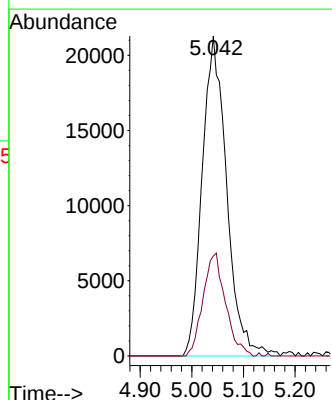
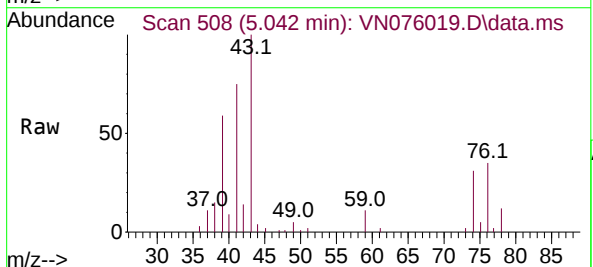
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

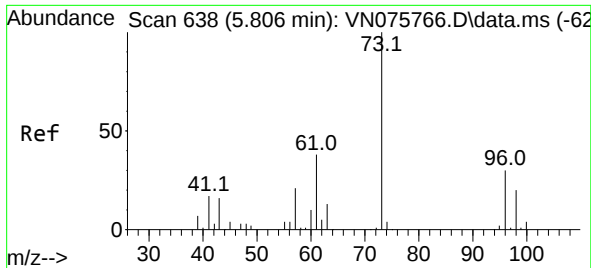
Tgt Ion: 76 Resp: 89468
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2



#18
Methyl Acetate
Concen: 22.586 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 43 Resp: 69883
Ion Ratio Lower Upper
43 100
74 29.5 23.6 35.4

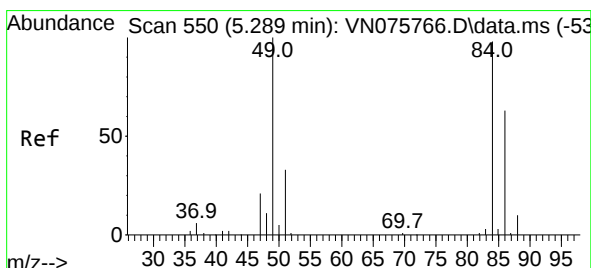
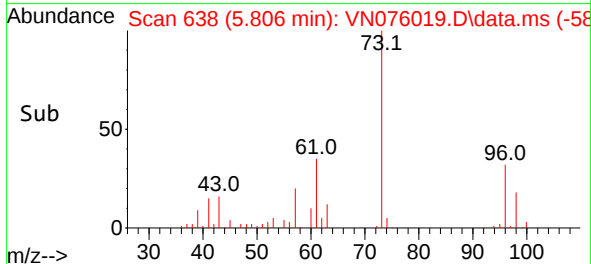
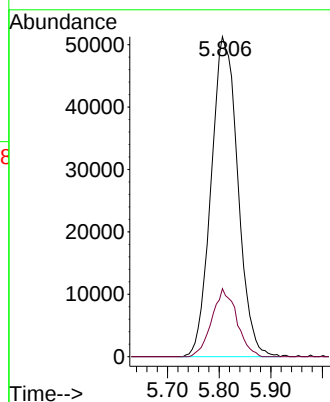
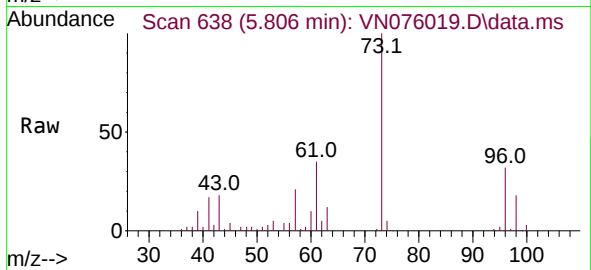




#19
Methyl tert-butyl Ether
Concen: 22.573 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

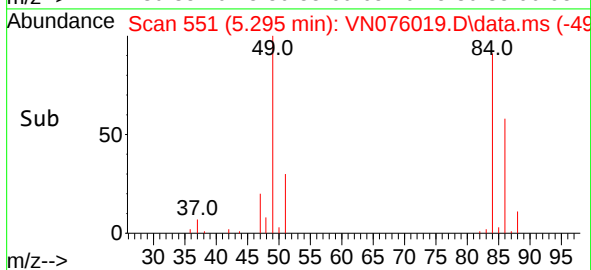
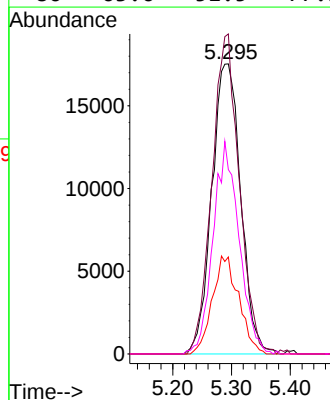
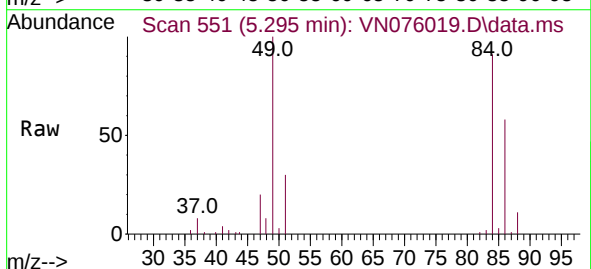
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

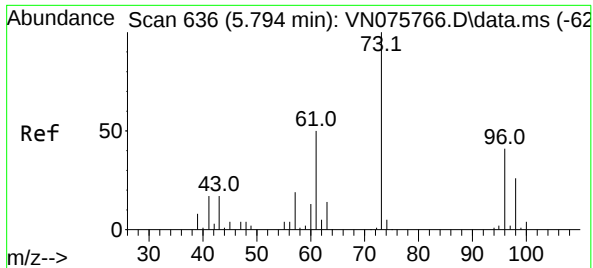
Tgt Ion: 73 Resp: 183885
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 21.049 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 84 Resp: 59979
Ion Ratio Lower Upper
84 100
49 110.3 81.8 122.6
51 33.4 26.7 40.1
86 63.6 51.5 77.3

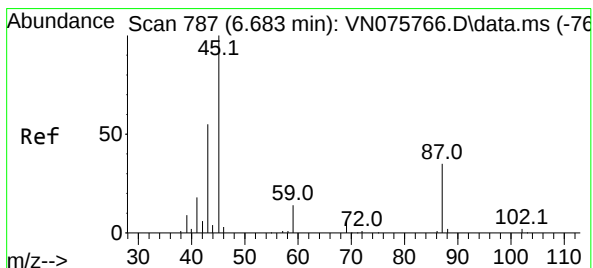
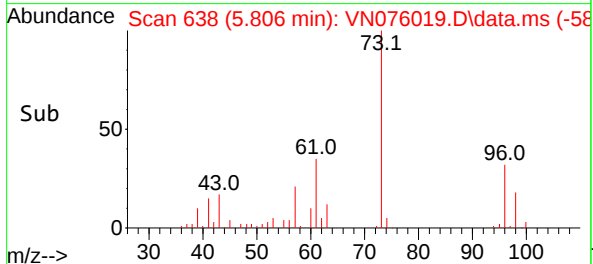
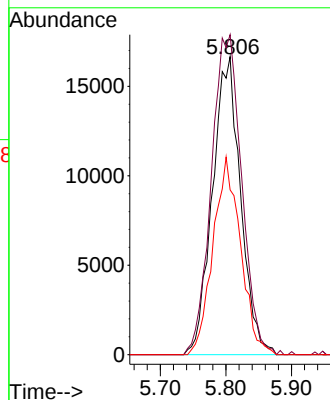
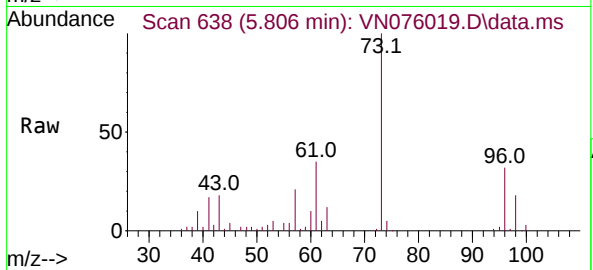




#21
trans-1,2-Dichloroethene
Concen: 18.321 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

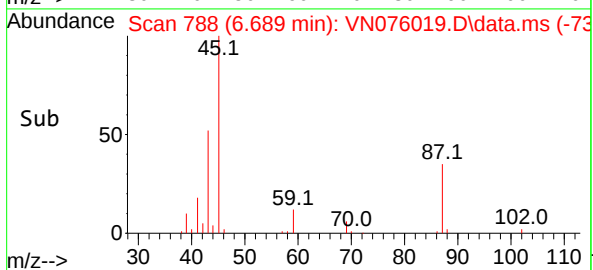
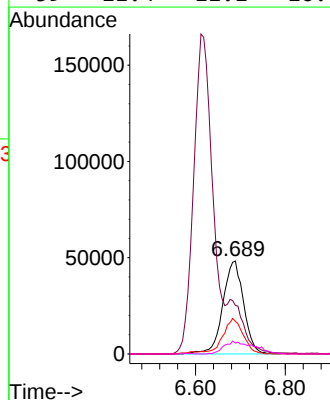
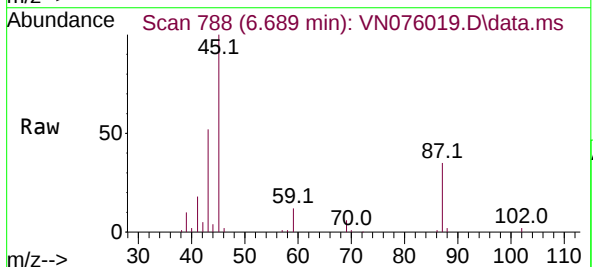
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion: 96 Resp: 49635
Ion Ratio Lower Upper
96 100
61 107.3 98.1 147.1
98 55.3 51.4 77.2



#22
Diisopropyl ether
Concen: 22.189 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 45 Resp: 155874
Ion Ratio Lower Upper
45 100
43 50.8 44.2 66.4
87 35.1 28.3 42.5
59 11.4 11.1 16.7

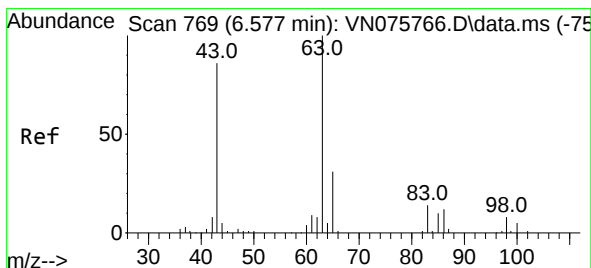
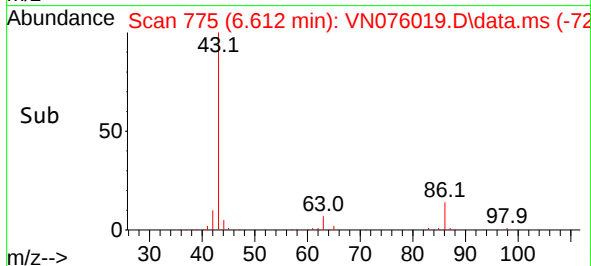
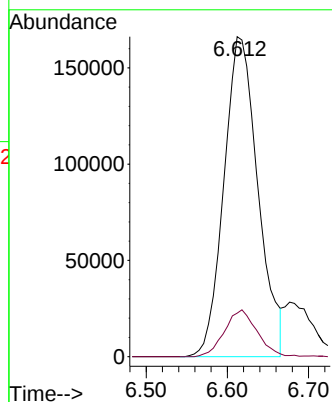
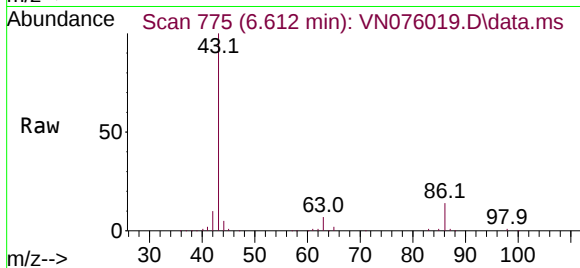




#23
 Vinyl Acetate
 Concen: 102.492 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

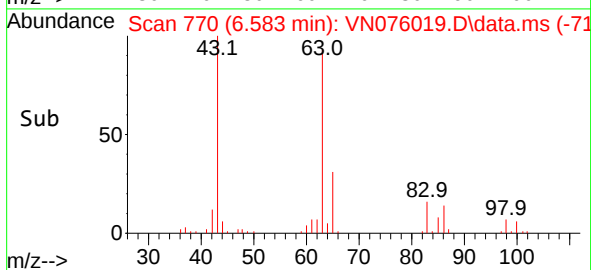
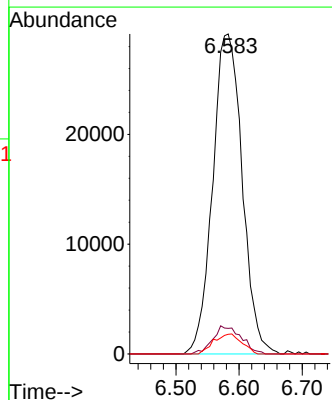
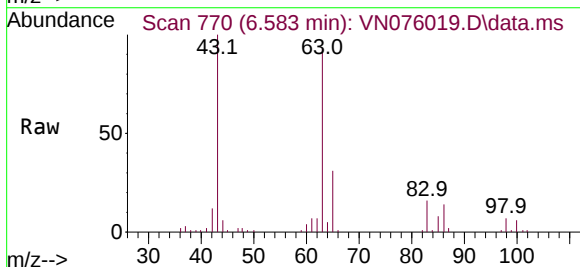
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

Tgt Ion: 43 Resp: 484617
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 20.179 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Tgt Ion: 63 Resp: 94538
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 6.1 2.5 7.6





#25

2-Butanone

Concen: 104.760 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

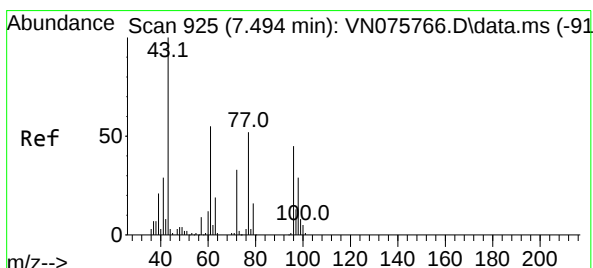
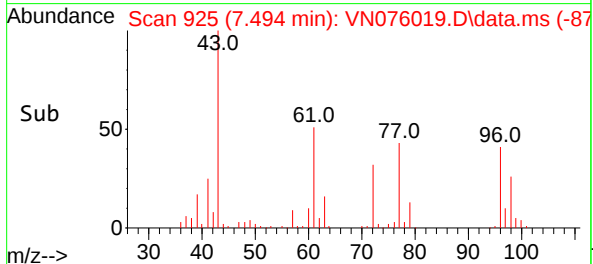
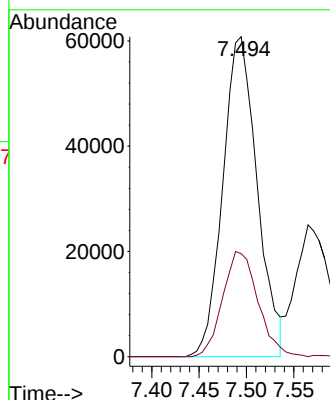
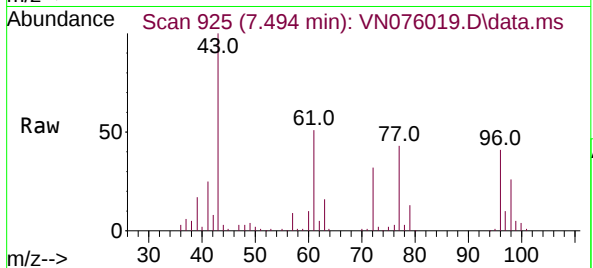
VN1228WBSD02

Tgt Ion: 43 Resp: 153540

Ion Ratio Lower Upper

43 100

72 32.2 28.0 42.0



#26

2,2-Dichloropropane

Concen: 18.841 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076019.D

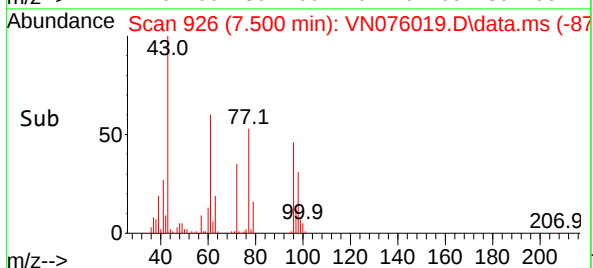
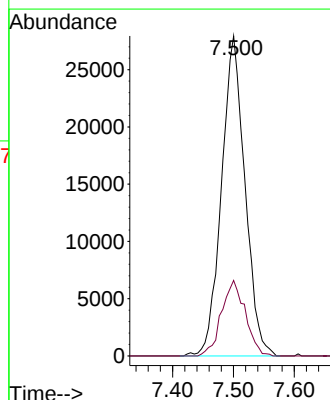
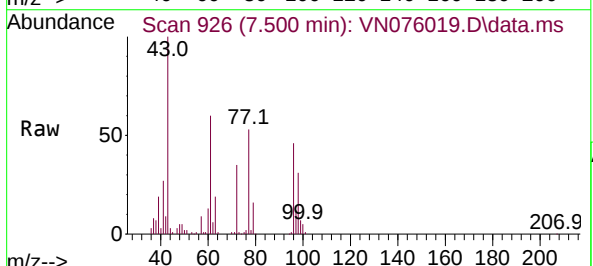
Acq: 28 Dec 2022 23:43

Tgt Ion: 77 Resp: 74754

Ion Ratio Lower Upper

77 100

97 24.0 12.7 38.0



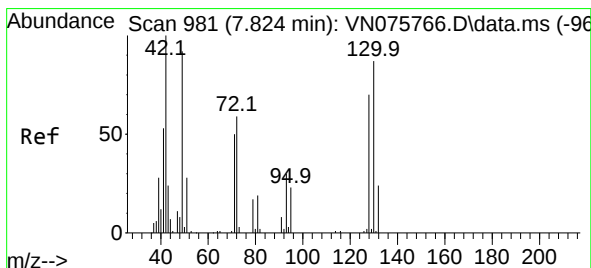
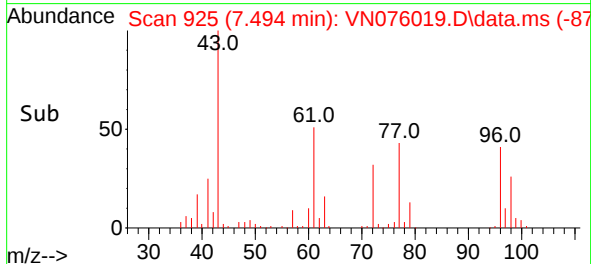
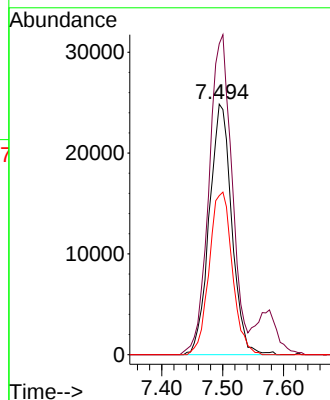
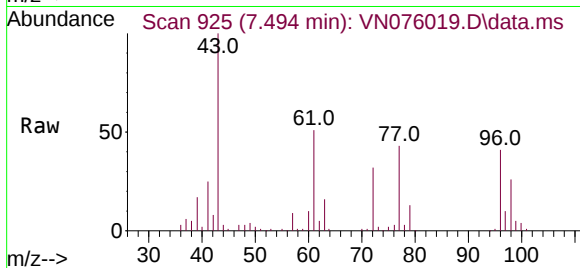


#27
 cis-1,2-Dichloroethene
 Concen: 19.687 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

Tgt Ion: 96 Resp: 63787

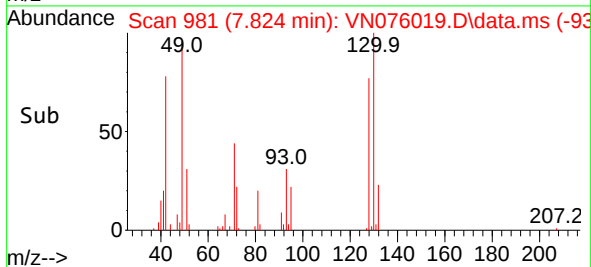
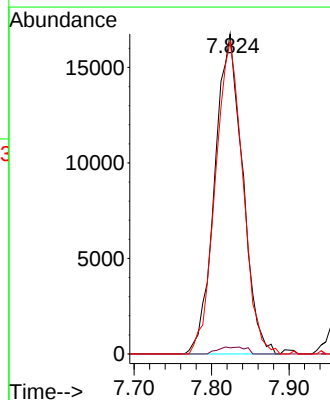
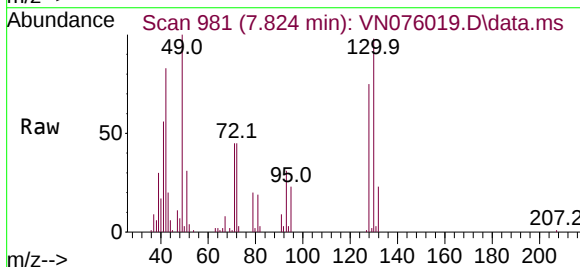
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	247.8
98	66.7	0.0	128.4



#28
 Bromochloromethane
 Concen: 20.388 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Tgt Ion: 49 Resp: 41866

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	96.4	77.0	115.4

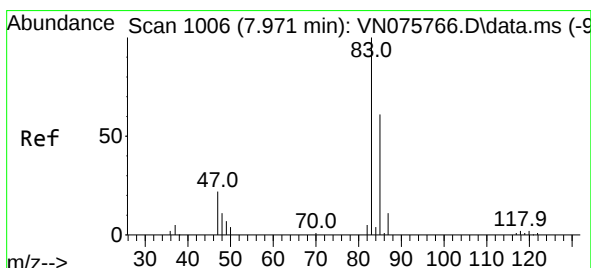
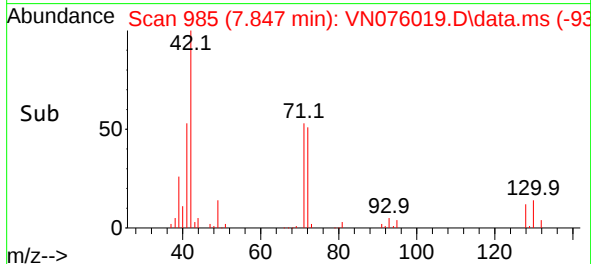
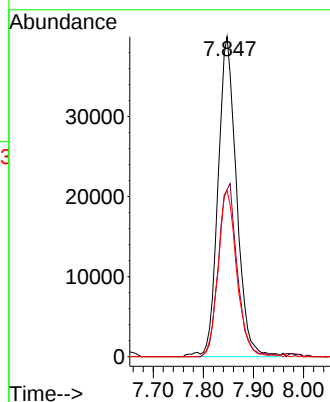
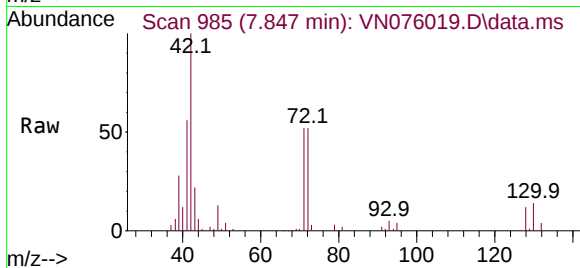




#29
Tetrahydrofuran
Concen: 111.232 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

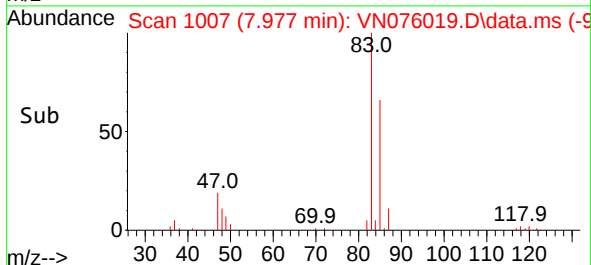
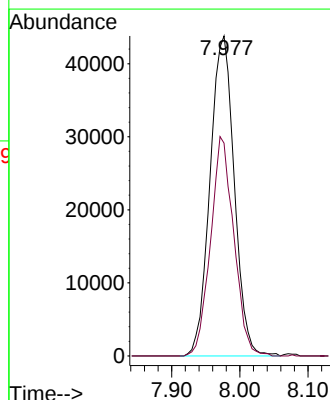
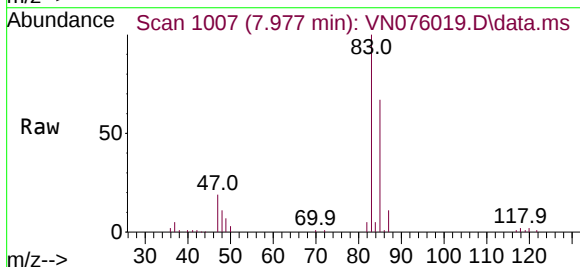
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

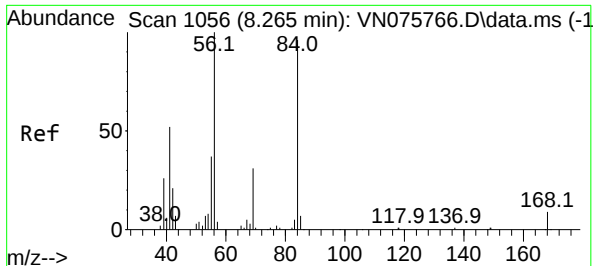
Tgt Ion: 42 Resp: 102164
Ion Ratio Lower Upper
42 100
72 54.7 44.5 66.7
71 52.7 41.0 61.6



#30
Chloroform
Concen: 20.556 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 83 Resp: 108433
Ion Ratio Lower Upper
83 100
85 66.5 49.1 73.7

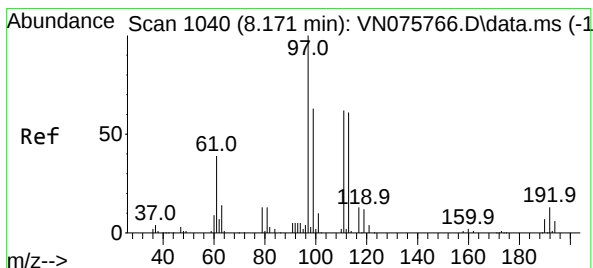
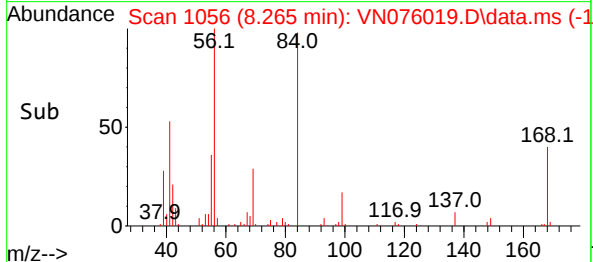
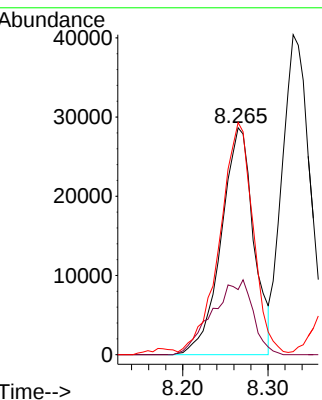
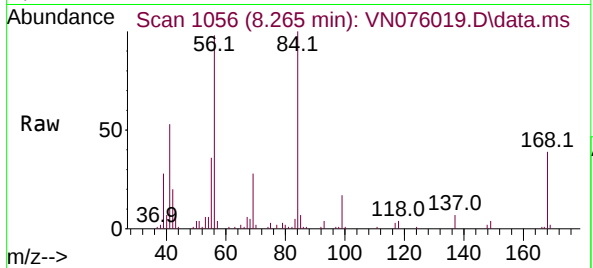




#31
Cyclohexane
Concen: 17.429 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

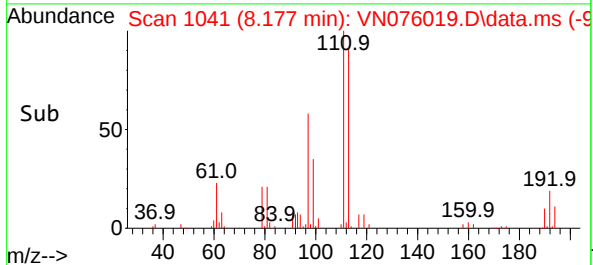
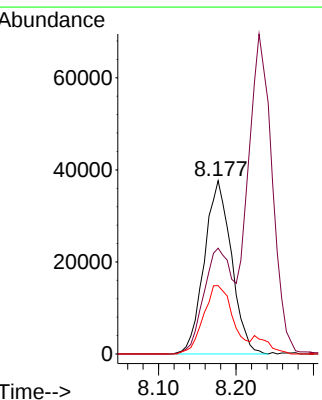
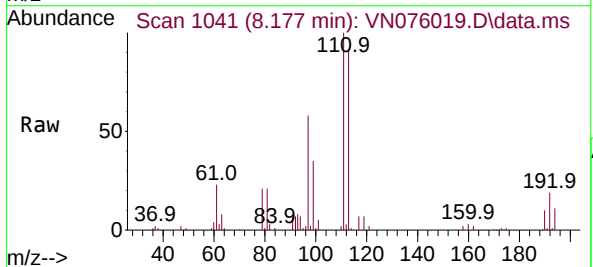
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

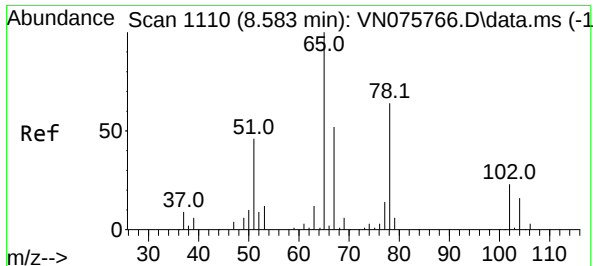
Tgt Ion: 56 Resp: 75797
Ion Ratio Lower Upper
56 100
69 28.7 24.7 37.1
84 100.1 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 19.653 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 97 Resp: 91908
Ion Ratio Lower Upper
97 100
99 64.6 50.2 75.2
61 42.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 55.076 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

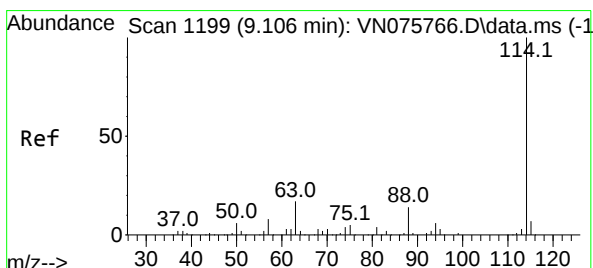
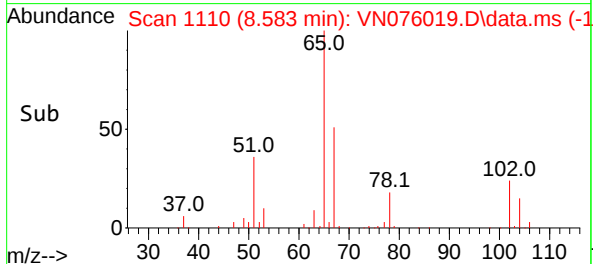
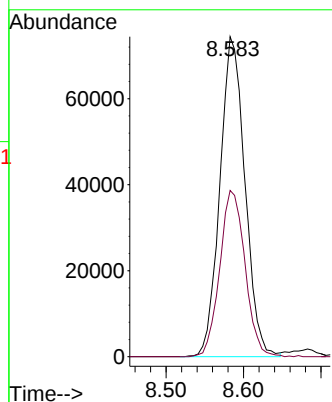
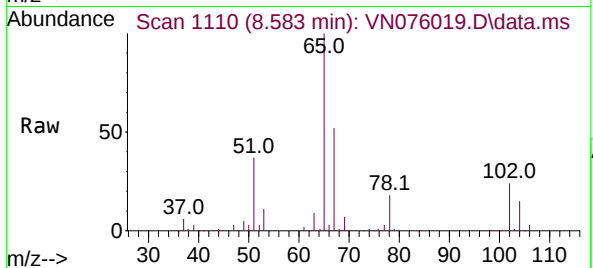
VN1228WBSD02

Tgt Ion: 65 Resp: 167239

Ion Ratio Lower Upper

65 100

67 52.4 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: VN076019.D

Acq: 28 Dec 2022 23:43

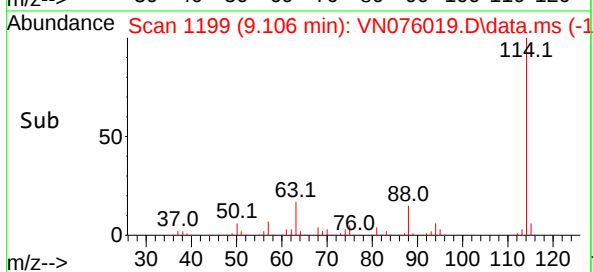
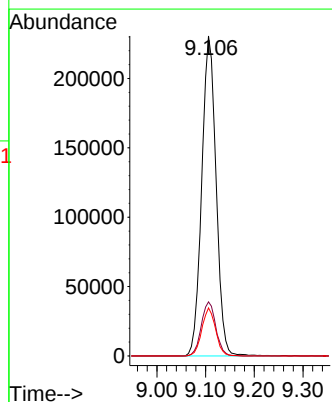
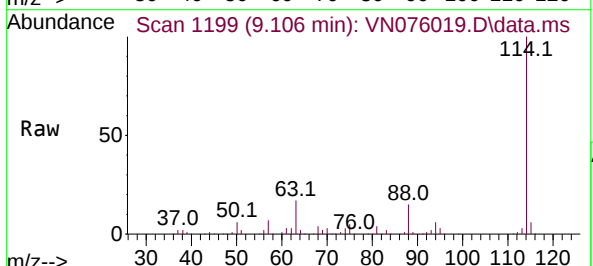
Tgt Ion: 114 Resp: 471994

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.120 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

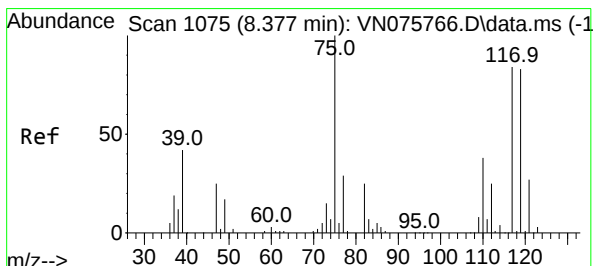
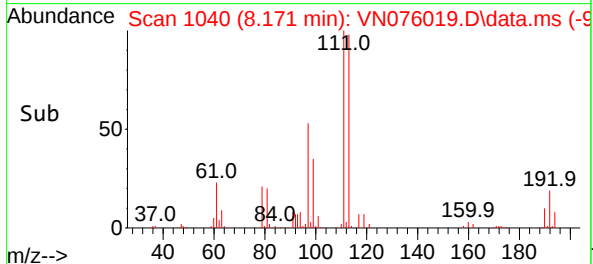
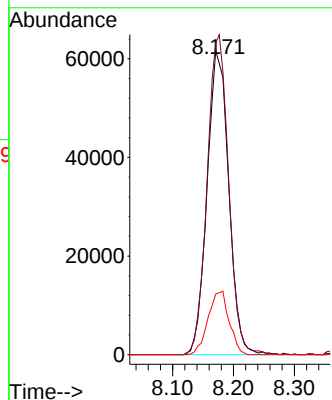
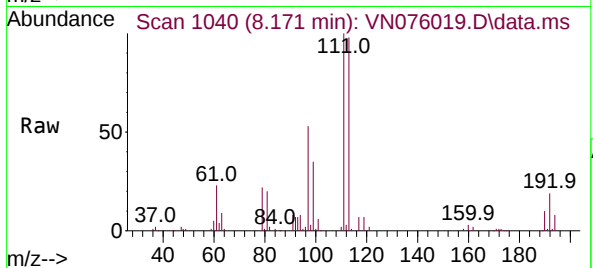
Tgt Ion:113 Resp: 152346

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 20.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 17.471 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

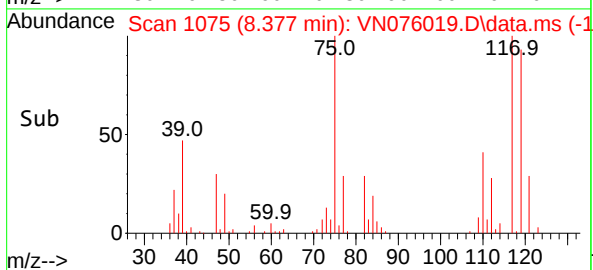
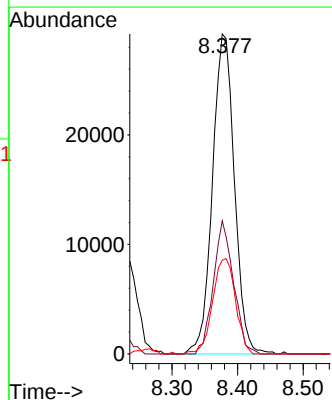
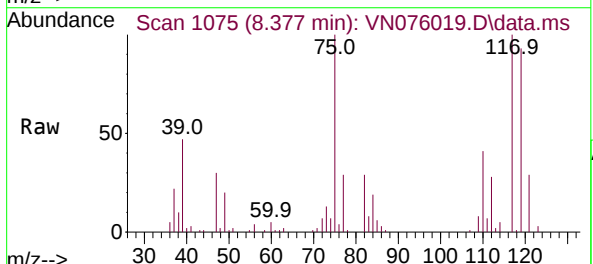
Tgt Ion: 75 Resp: 67838

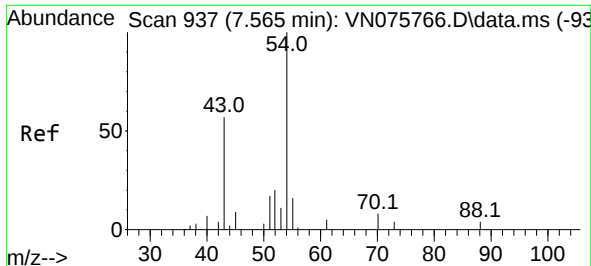
Ion Ratio Lower Upper

75 100

110 38.3 18.8 56.4

77 31.1 24.1 36.1

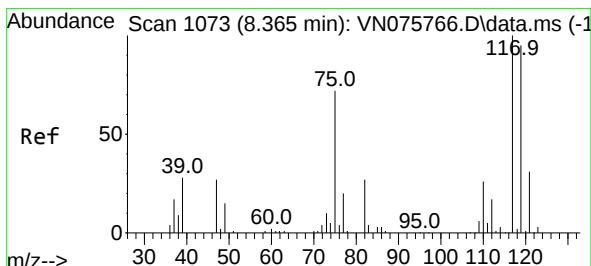
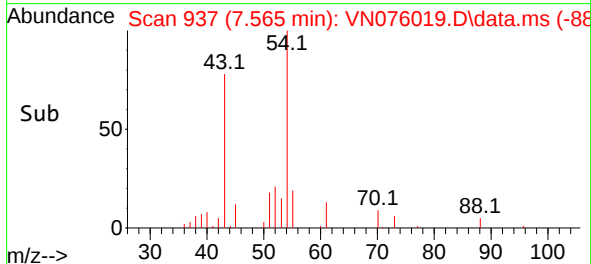
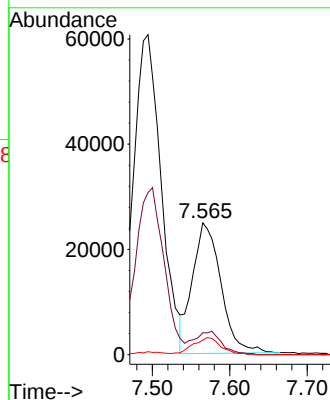
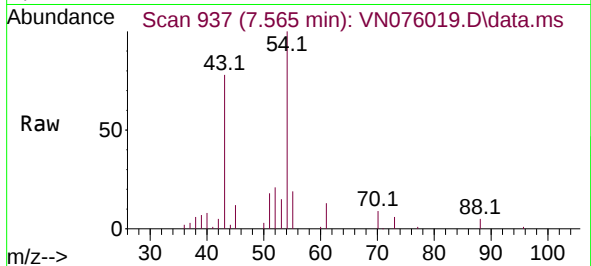




#37
Ethyl Acetate
Concen: 20.370 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

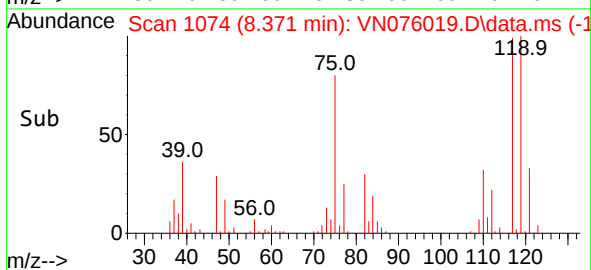
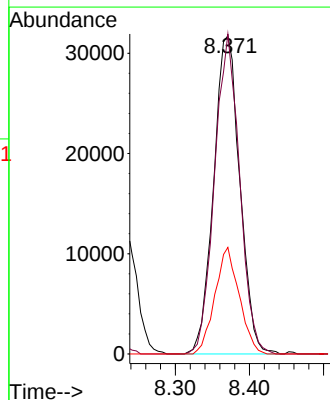
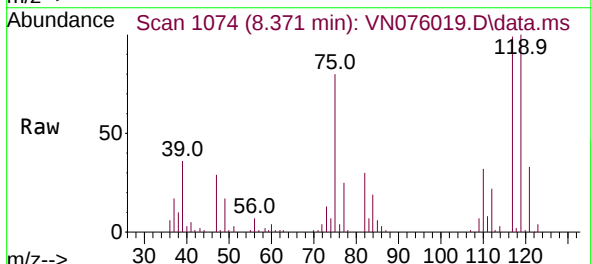
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

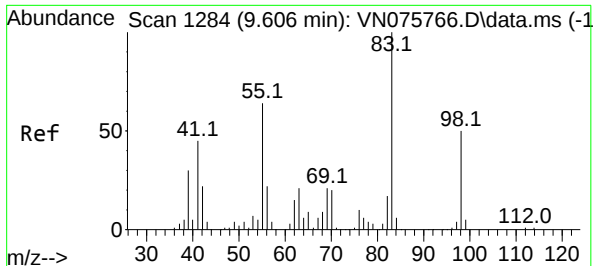
Tgt Ion: 43 Resp: 63532
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 12.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 17.920 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 117 Resp: 77878
Ion Ratio Lower Upper
117 100
119 100.6 76.1 114.1
121 33.5 24.5 36.7





#39

Methylcyclohexane

Concen: 17.396 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

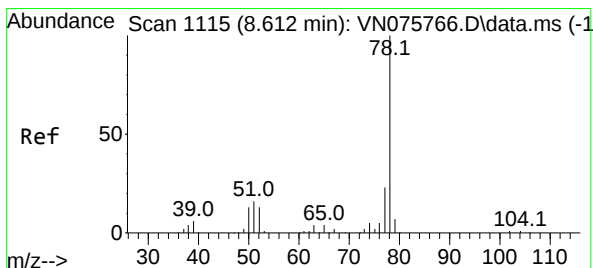
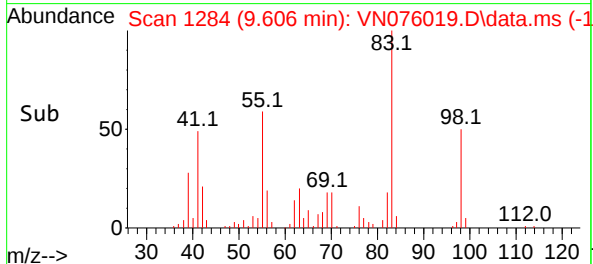
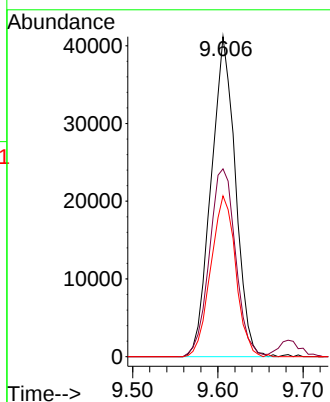
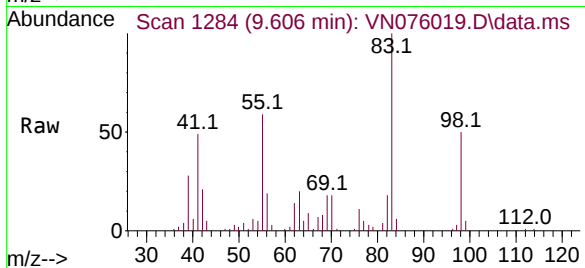
Tgt Ion: 83 Resp: 81492

Ion Ratio Lower Upper

83 100

55 58.7 51.4 77.0

98 50.3 39.8 59.8



#40

Benzene

Concen: 18.926 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076019.D

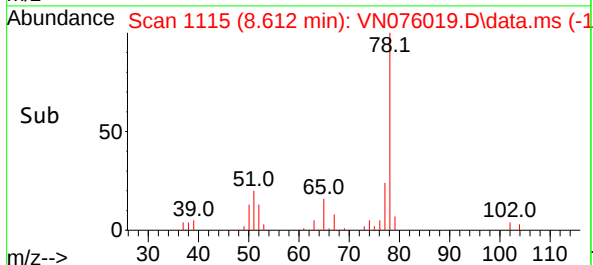
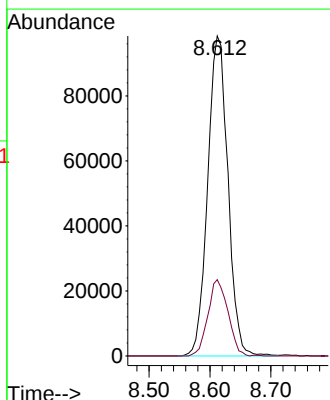
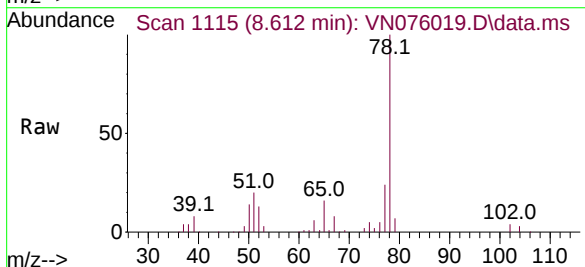
Acq: 28 Dec 2022 23:43

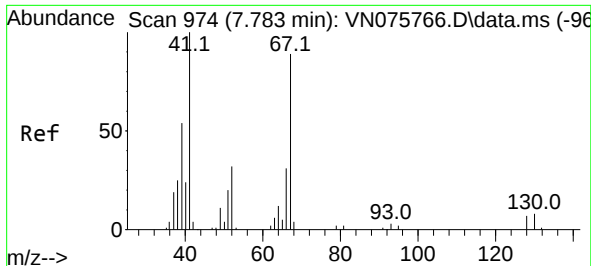
Tgt Ion: 78 Resp: 226733

Ion Ratio Lower Upper

78 100

77 23.9 18.5 27.7

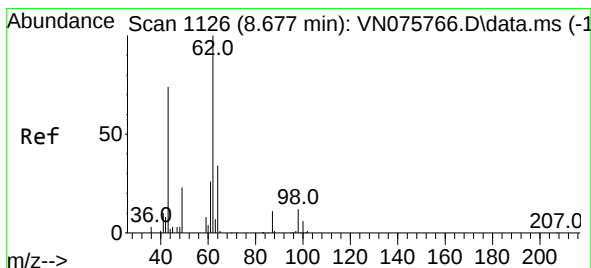
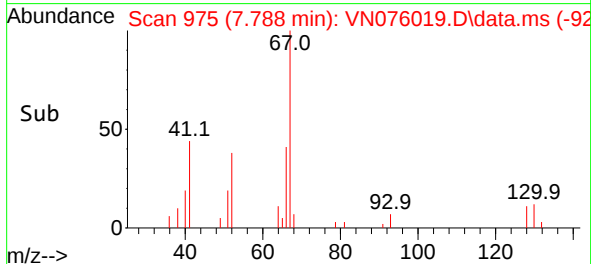
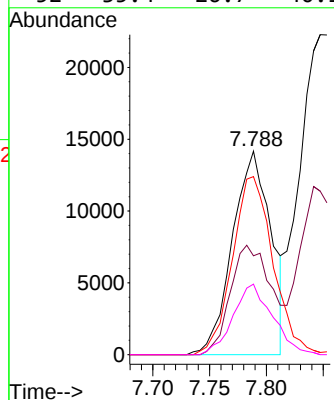
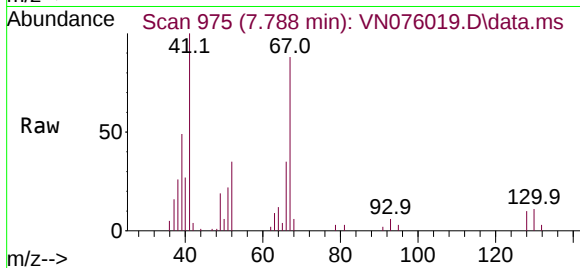




#41
Methacrylonitrile
Concen: 20.599 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

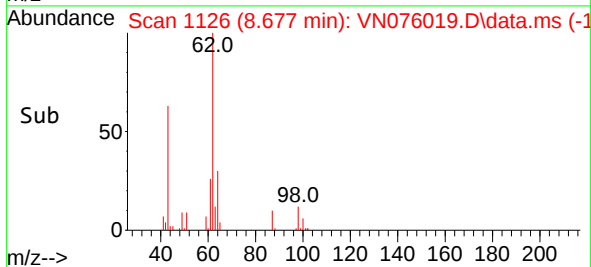
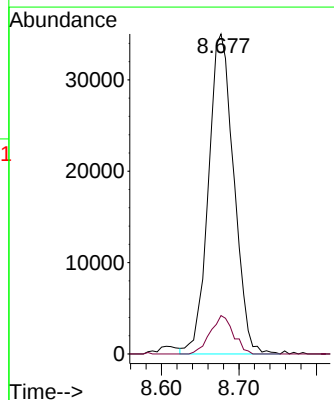
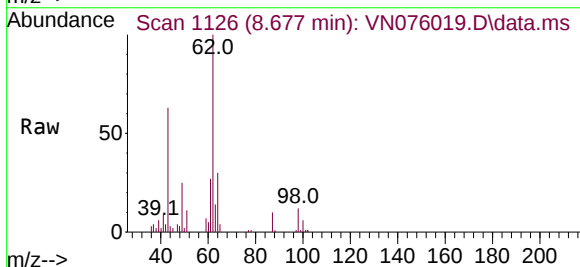
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

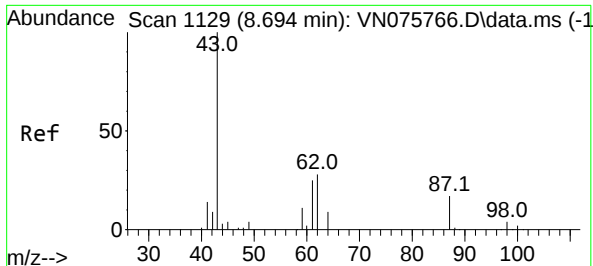
Tgt Ion:	41	Resp:	33395
Ion	Ratio	Lower	Upper
41	100		
39	59.4	43.1	64.7
67	92.3	70.7	106.1
52	35.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:	62	Resp:	79675
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8

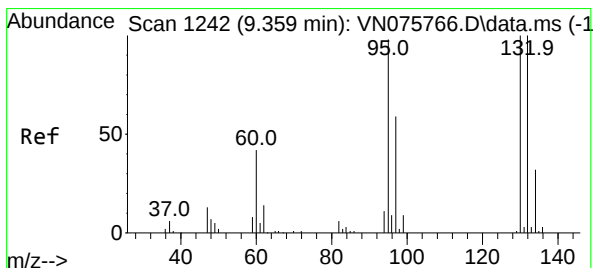
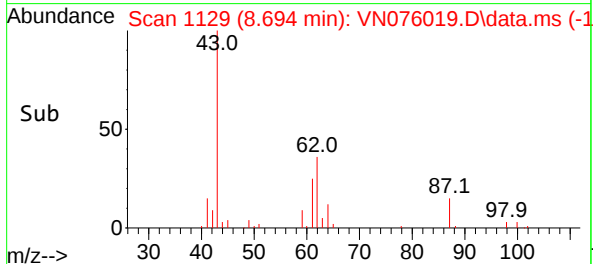
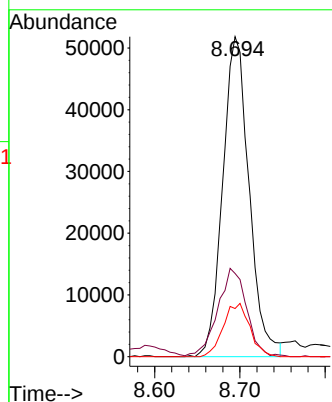
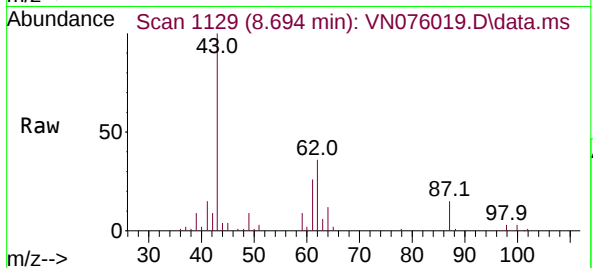




#43
Isopropyl Acetate
Concen: 21.691 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

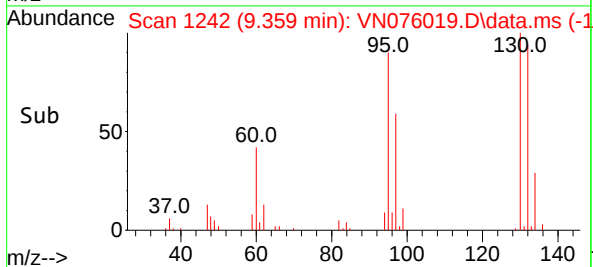
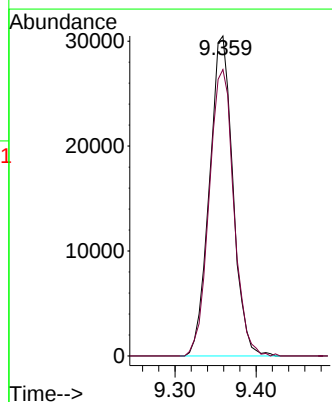
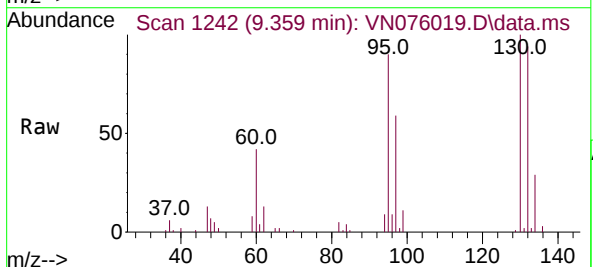
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion: 43 Resp: 111598
Ion Ratio Lower Upper
43 100
61 30.2 24.2 36.4
87 16.8 13.3 19.9



#44
Trichloroethene
Concen: 18.131 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:130 Resp: 61194
Ion Ratio Lower Upper
130 100
95 89.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.472 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

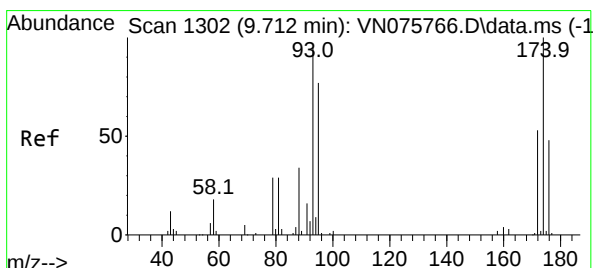
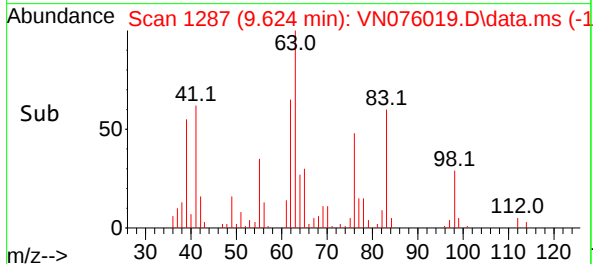
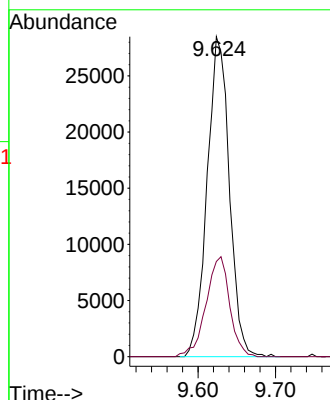
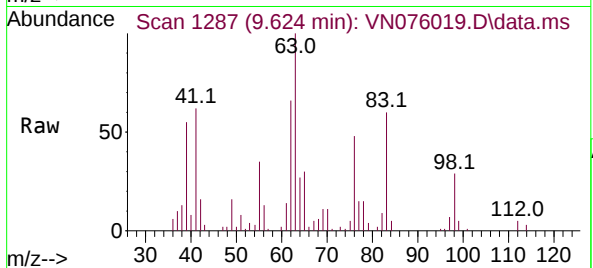
VN1228WBSD02

Tgt Ion: 63 Resp: 56766

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 20.322 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

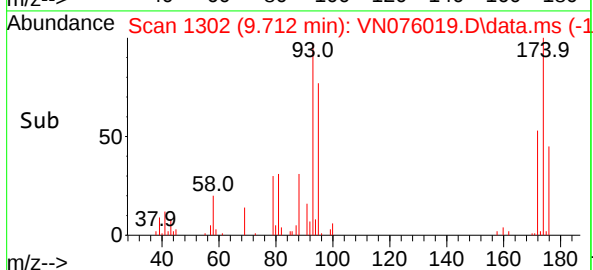
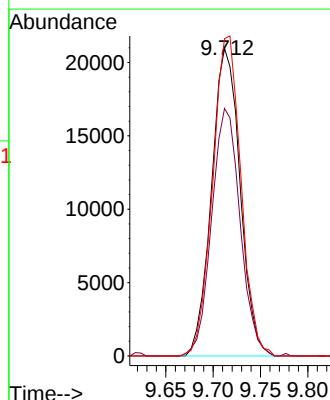
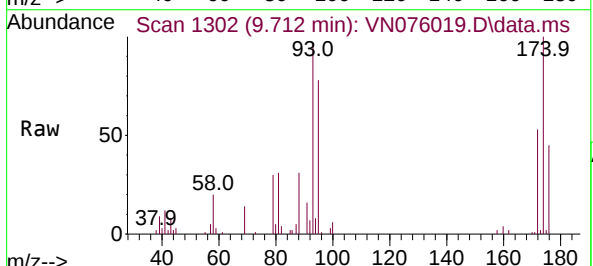
Tgt Ion: 93 Resp: 43941

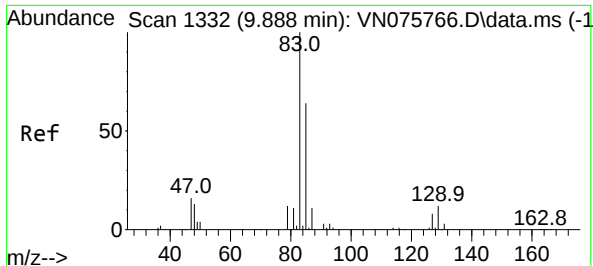
Ion Ratio Lower Upper

93 100

95 80.3 65.2 97.8

174 103.1 82.4 123.6

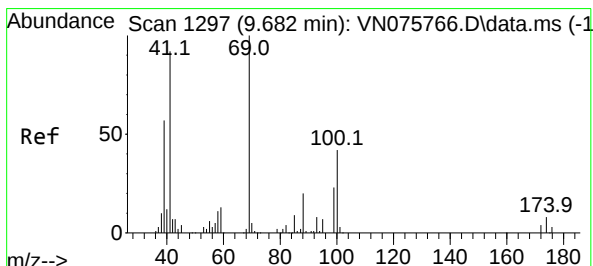
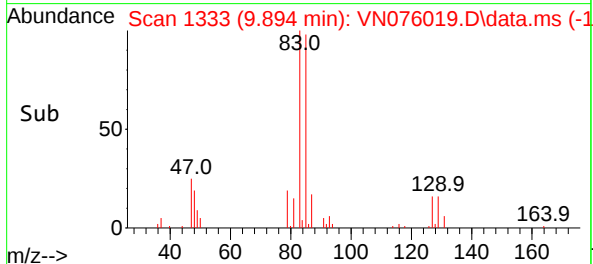
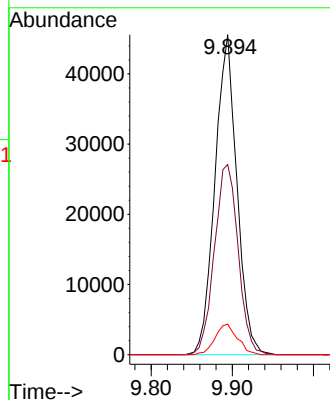
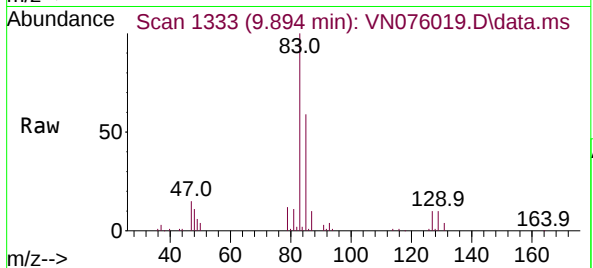




#47
Bromodichloromethane
Concen: 20.195 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

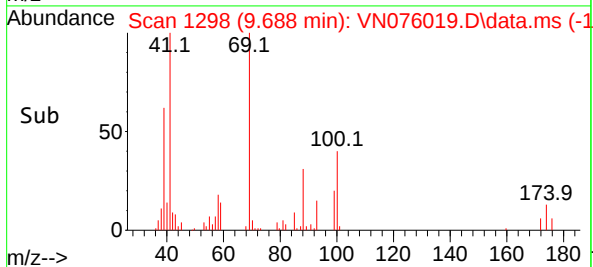
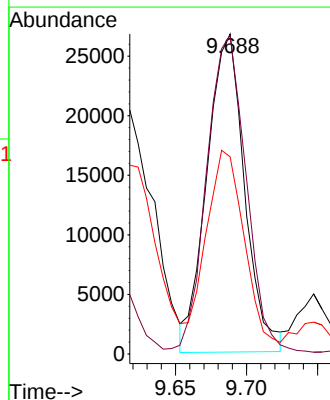
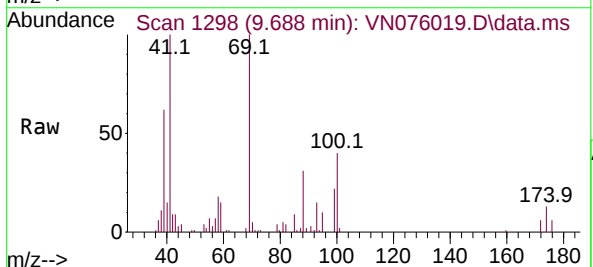
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion: 83 Resp: 85635
Ion Ratio Lower Upper
83 100
85 59.4 51.5 77.3
127 9.5 6.6 10.0



#48
Methyl methacrylate
Concen: 21.277 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 41 Resp: 49304
Ion Ratio Lower Upper
41 100
69 104.4 81.9 122.9
39 67.7 51.6 77.4





#49

1,4-Dioxane

Concen: 383.430 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

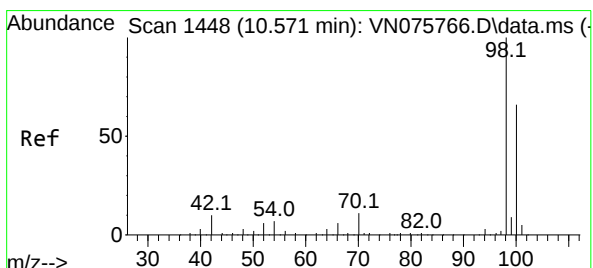
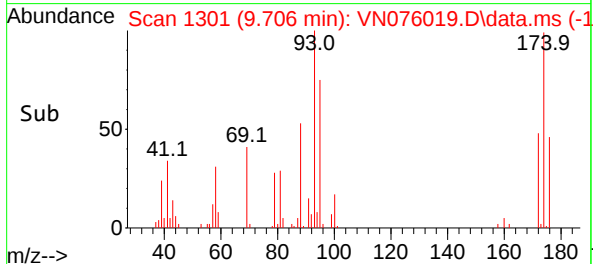
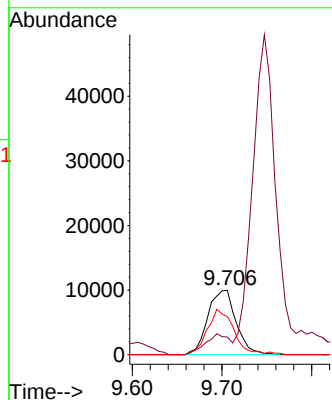
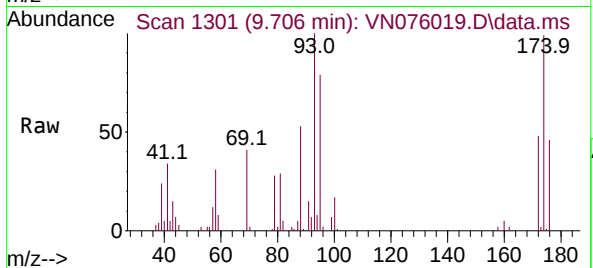
Tgt Ion: 88 Resp: 21843

Ion Ratio Lower Upper

88 100

43 27.7 17.1 25.7#

58 66.8 47.8 71.8



#50

Toluene-d8

Concen: 49.981 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076019.D

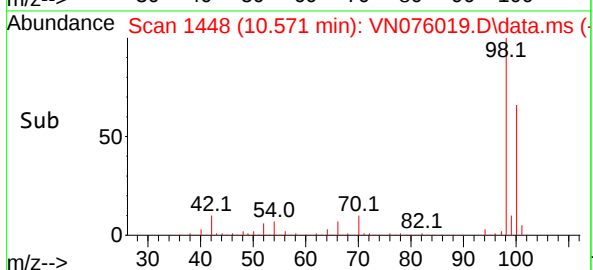
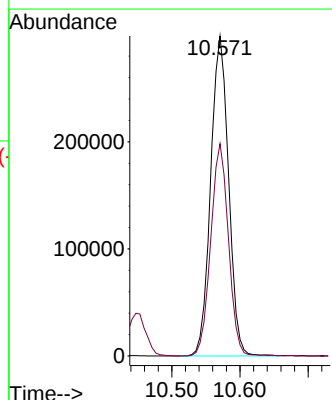
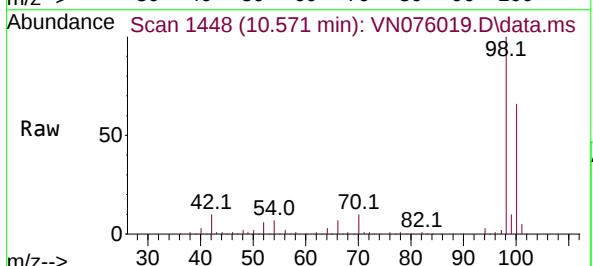
Acq: 28 Dec 2022 23:43

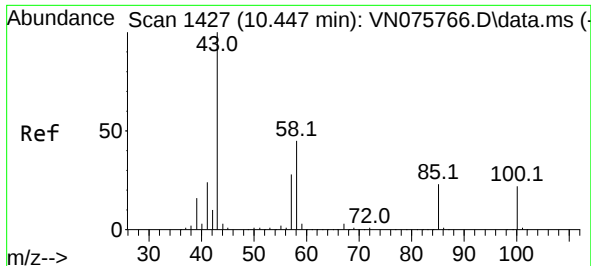
Tgt Ion: 98 Resp: 546227

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 109.265 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

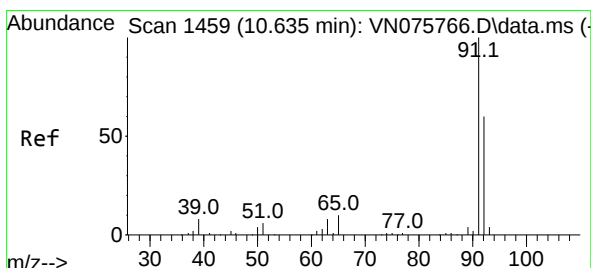
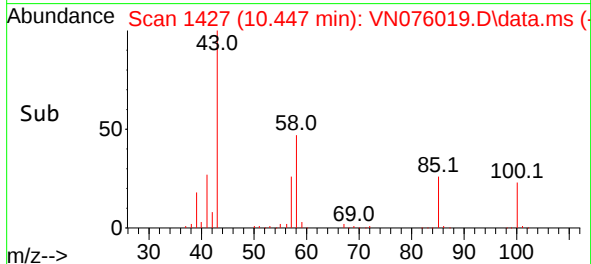
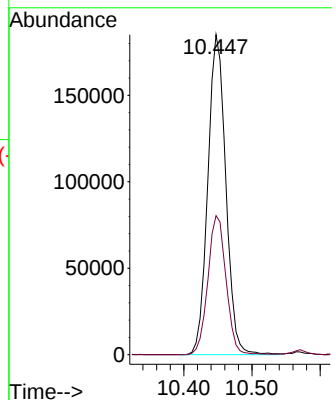
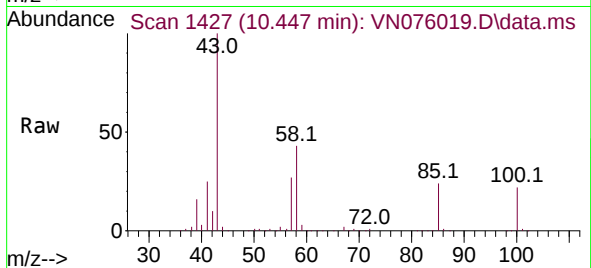
VN1228WBSD02

Tgt Ion: 43 Resp: 339968

Ion Ratio Lower Upper

43 100

58 44.0 35.5 53.3



#52

Toluene

Concen: 19.024 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076019.D

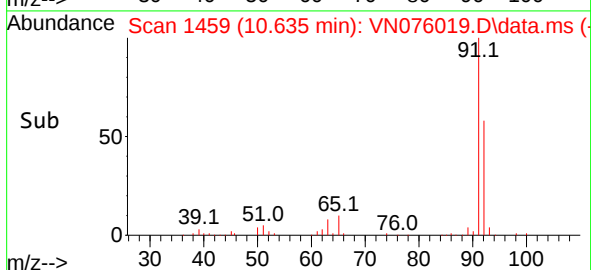
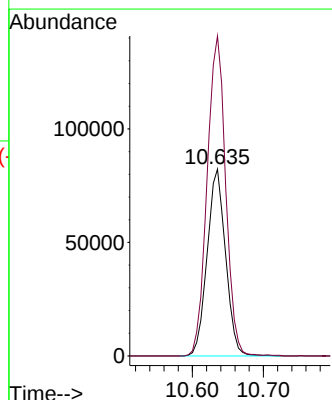
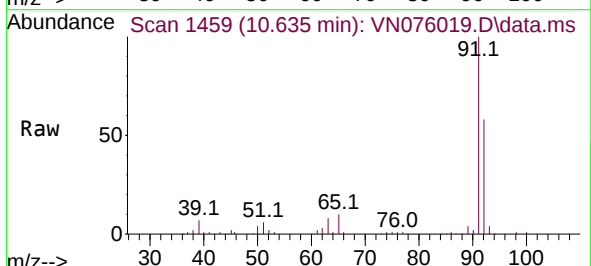
Acq: 28 Dec 2022 23:43

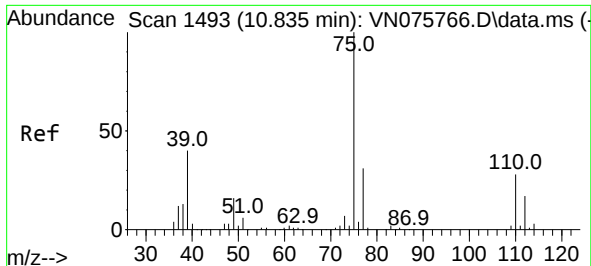
Tgt Ion: 92 Resp: 148429

Ion Ratio Lower Upper

92 100

91 172.3 137.3 205.9

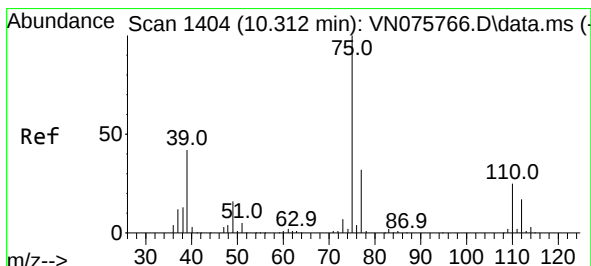
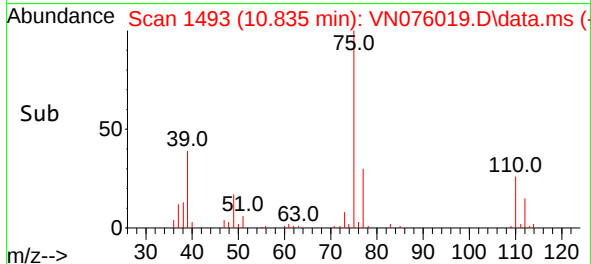
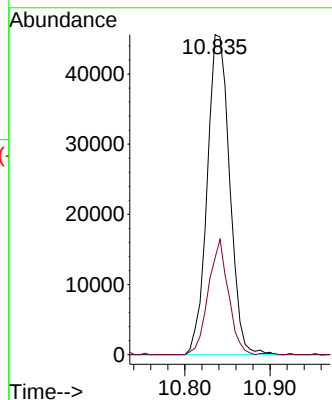
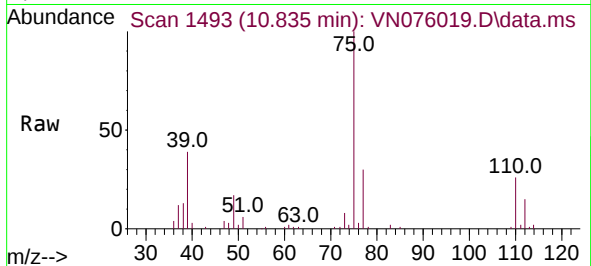




#53
 t-1,3-Dichloropropene
 Concen: 20.144 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

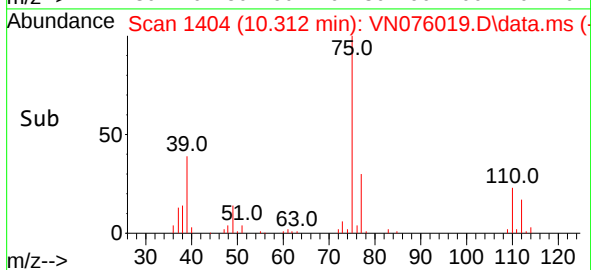
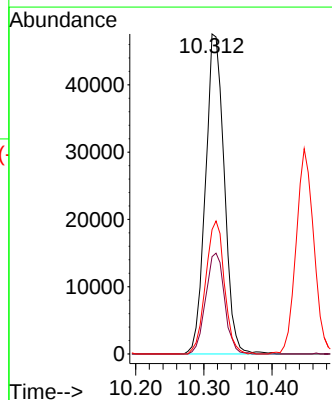
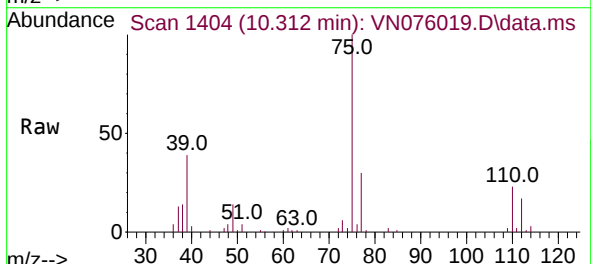
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

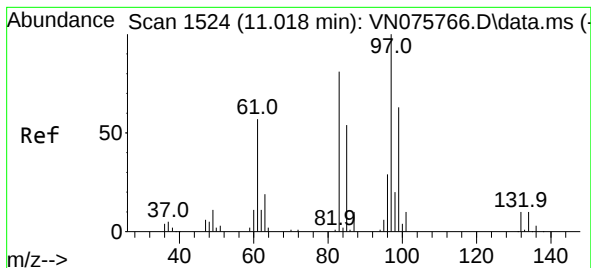
Tgt Ion: 75 Resp: 83612
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.005 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Tgt Ion: 75 Resp: 91172
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 38.8 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 20.929 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

Tgt Ion: 97 Resp: 64093

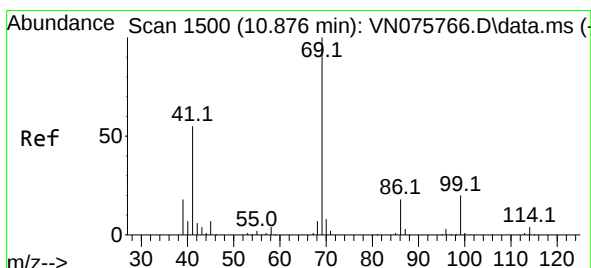
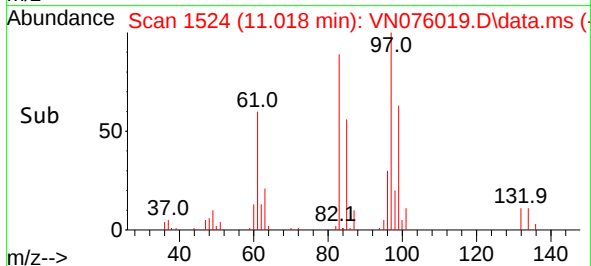
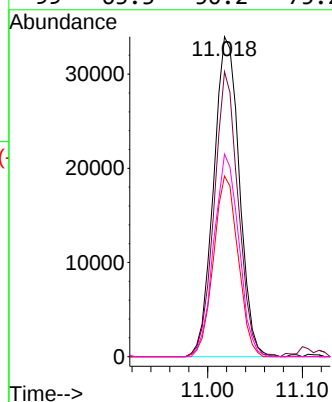
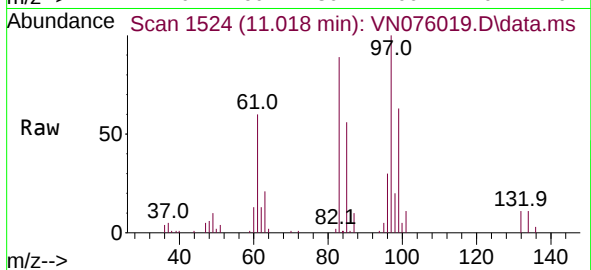
Ion Ratio Lower Upper

97 100

83 89.1 65.0 97.4

85 56.5 43.0 64.6

99 63.3 50.2 75.2



#56

Ethyl methacrylate

Concen: 22.076 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

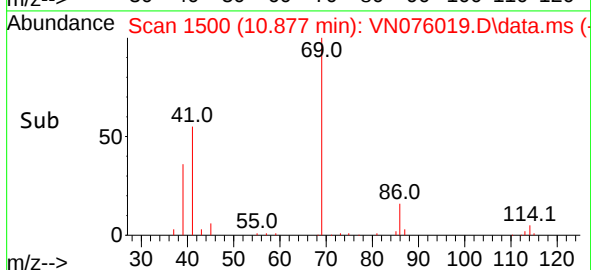
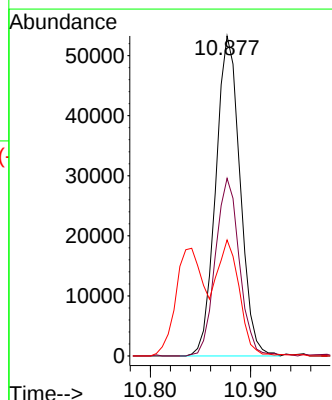
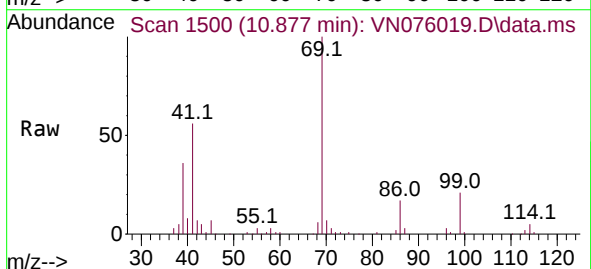
Tgt Ion: 69 Resp: 89799

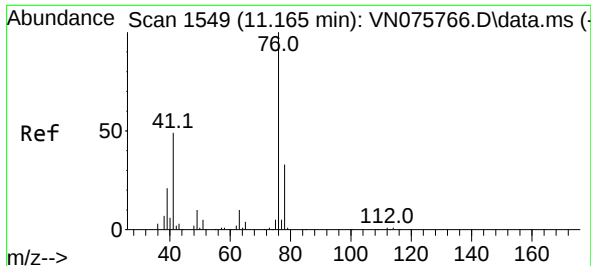
Ion Ratio Lower Upper

69 100

41 55.0 44.2 66.4

39 34.0 26.4 39.6

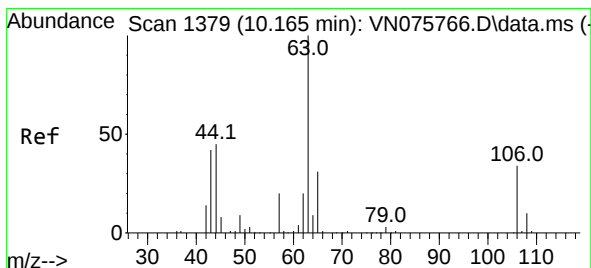
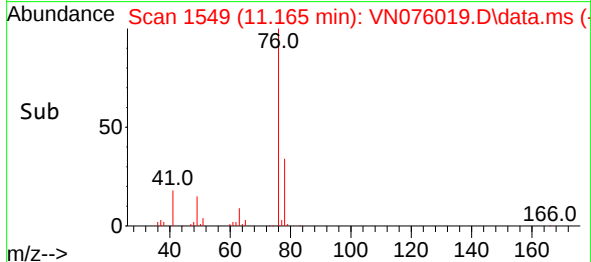
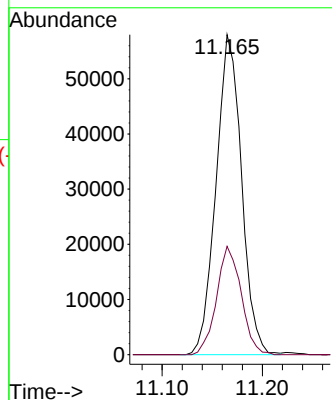
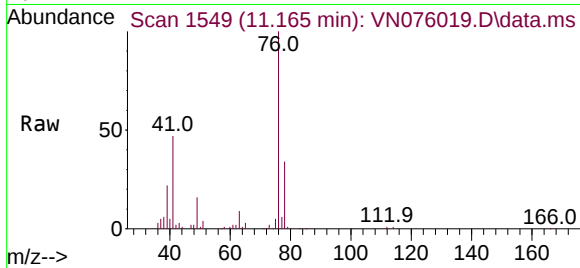




#57
1,3-Dichloropropane
Concen: 20.381 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

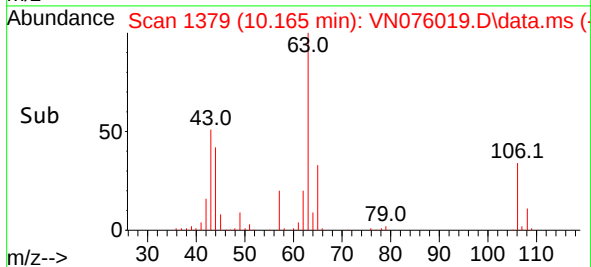
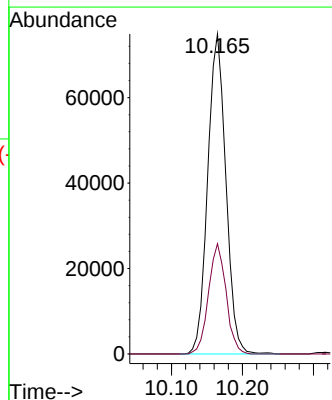
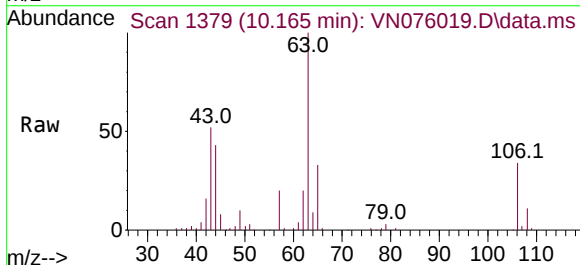
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

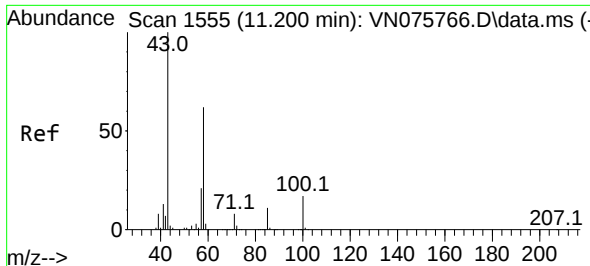
Tgt Ion: 76 Resp: 102382
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 102.790 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 63 Resp: 133123
Ion Ratio Lower Upper
63 100
106 33.3 26.4 39.6

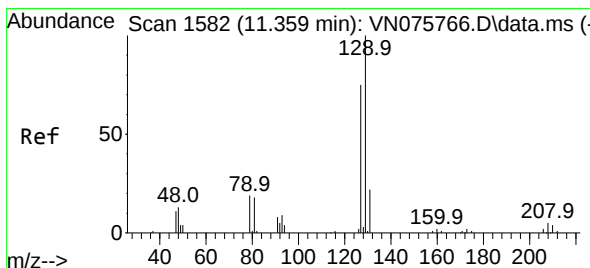
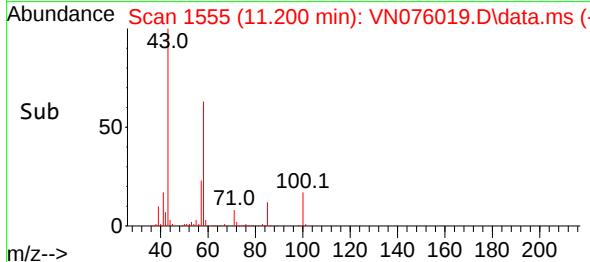
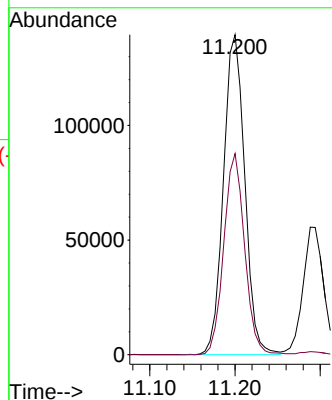
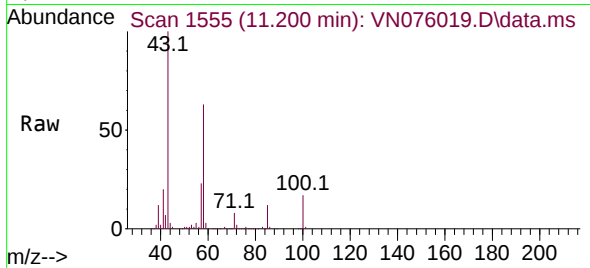




#59
2-Hexanone
Concen: 106.769 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

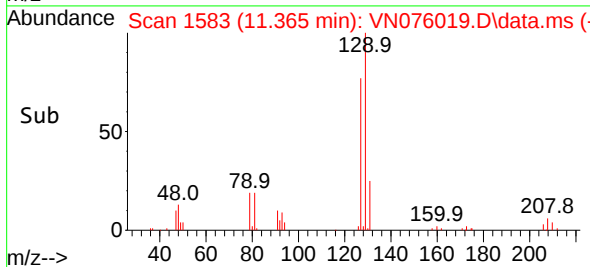
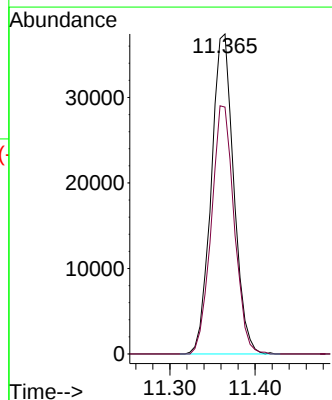
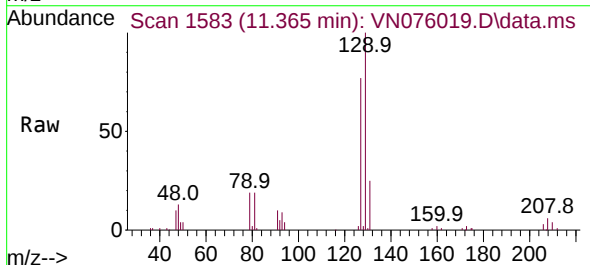
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

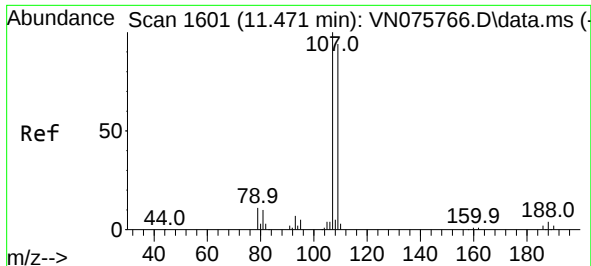
Tgt Ion: 43 Resp: 242265
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0



#60
Dibromochloromethane
Concen: 20.165 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 129 Resp: 68676
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9

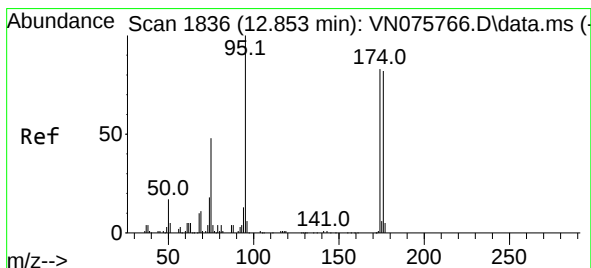
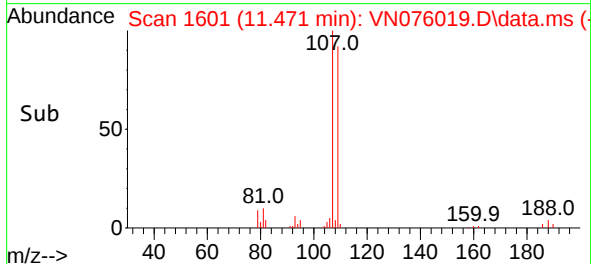
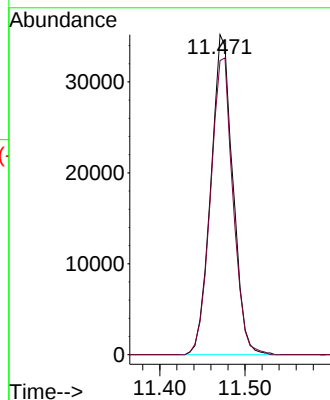
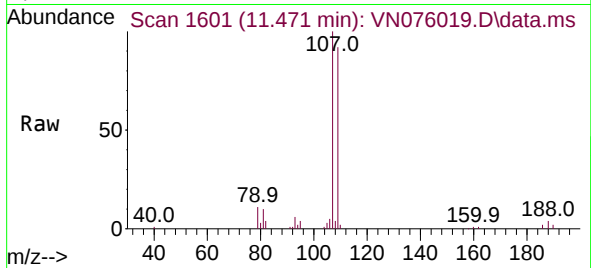




#61
1,2-Dibromoethane
Concen: 20.400 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

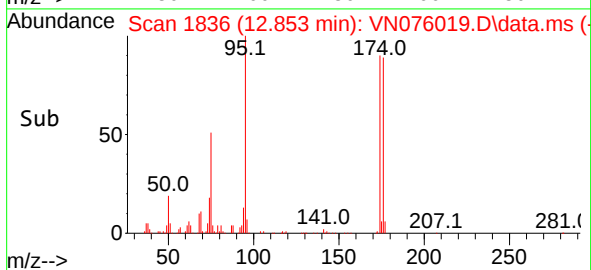
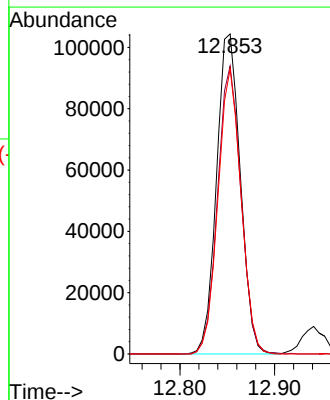
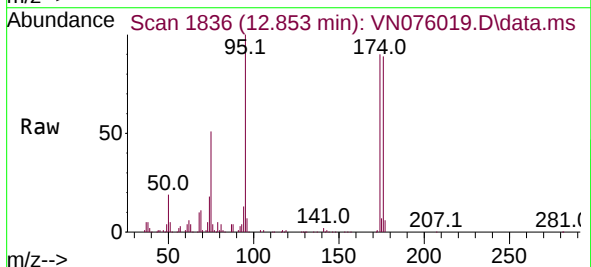
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

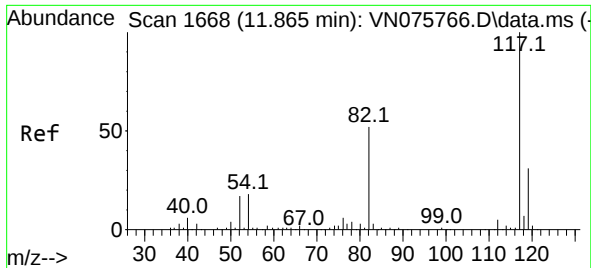
Tgt Ion:107 Resp: 63223
Ion Ratio Lower Upper
107 100
109 94.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.363 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 95 Resp: 182301
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.6
176 86.3 0.0 169.2

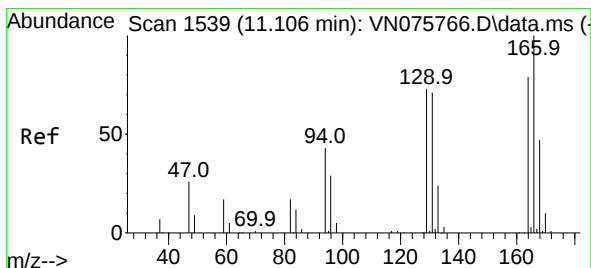
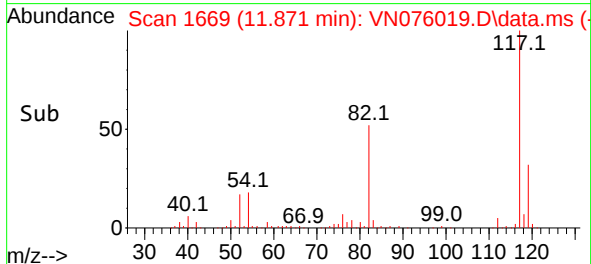
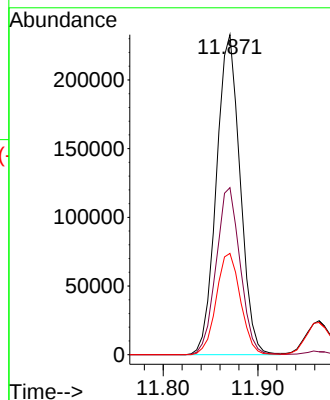
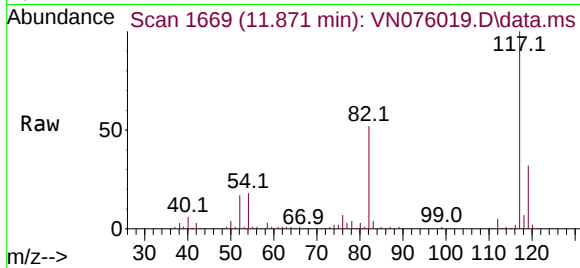




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

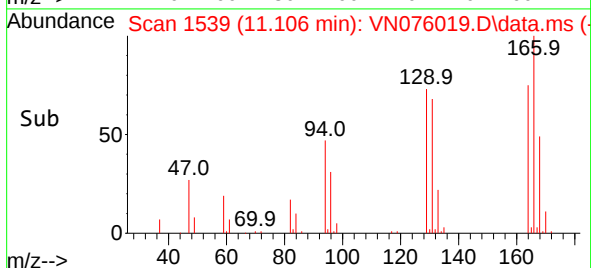
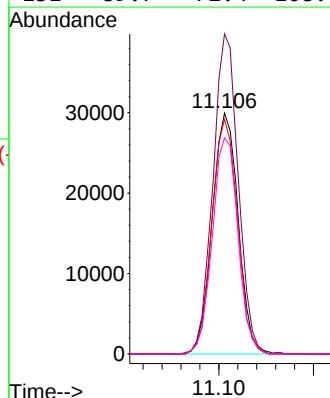
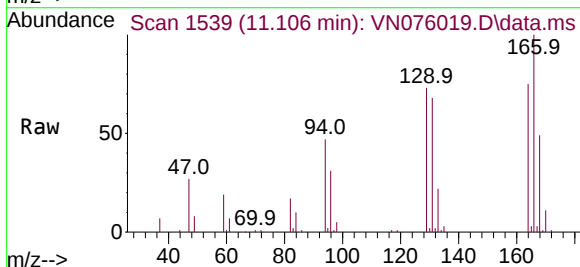
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

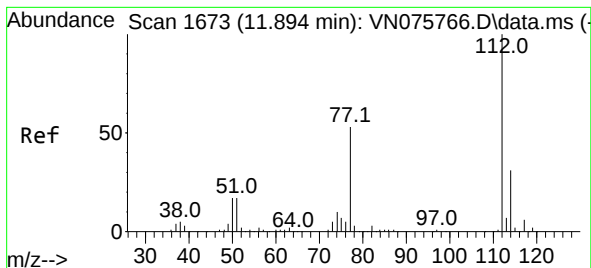
Tgt Ion:117 Resp: 405924
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 19.952 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:164 Resp: 56992
Ion Ratio Lower Upper
164 100
166 132.9 101.9 152.9
129 97.5 74.2 111.2
131 89.7 72.4 108.6





#65

Chlorobenzene

Concen: 19.555 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

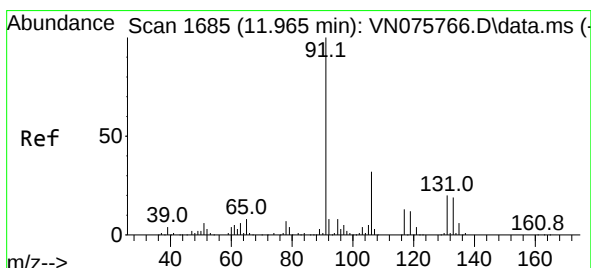
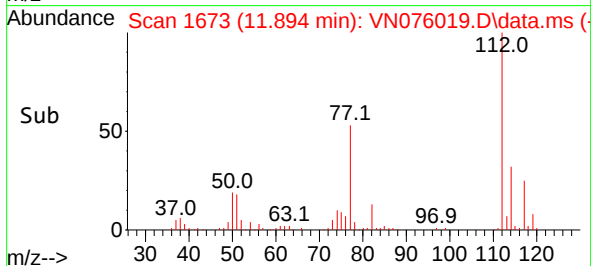
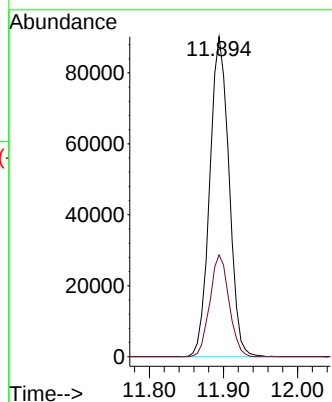
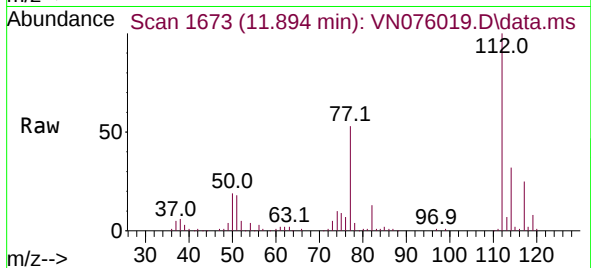
VN1228WBSD02

Tgt Ion:112 Resp: 162920

Ion Ratio Lower Upper

112 100

114 31.8 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.429 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

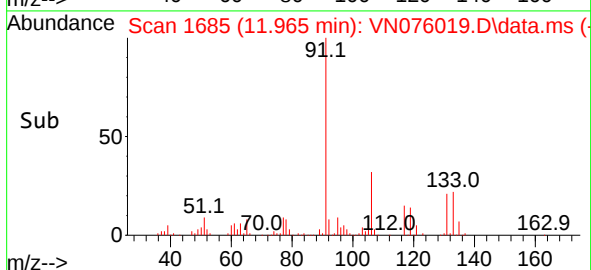
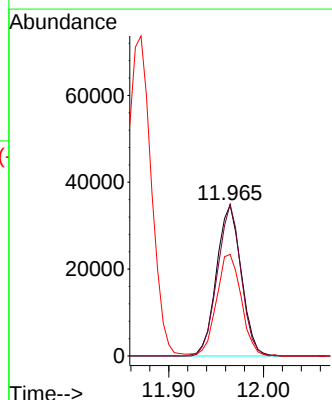
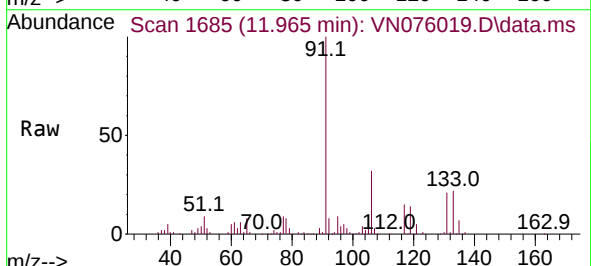
Tgt Ion:131 Resp: 63042

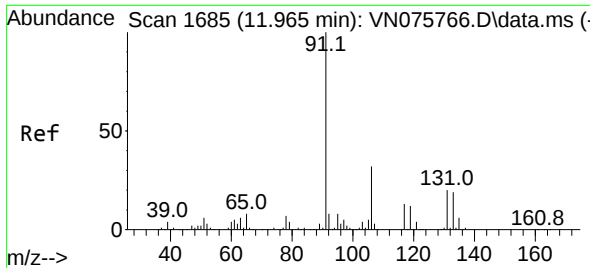
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.5

119 67.8 31.9 95.7

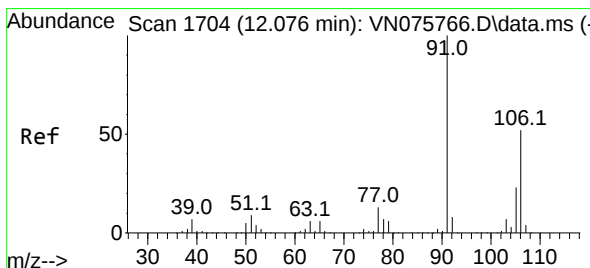
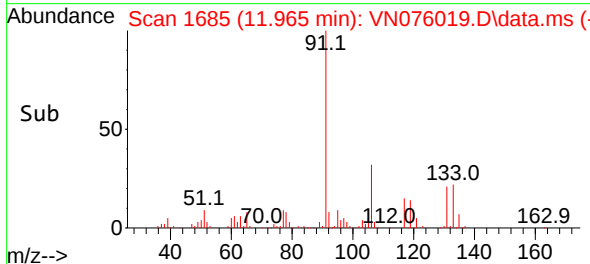
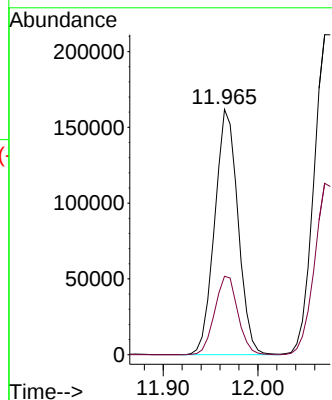
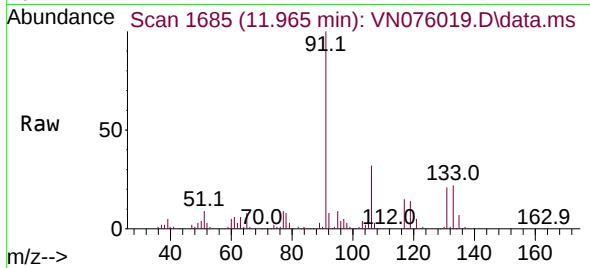




#67
Ethyl Benzene
Concen: 19.682 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

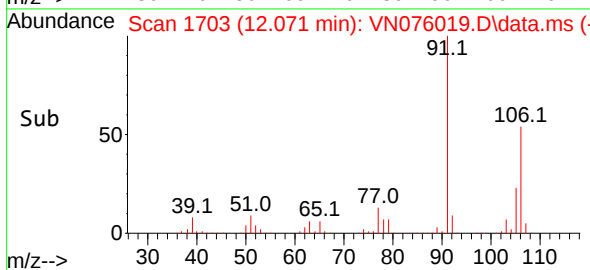
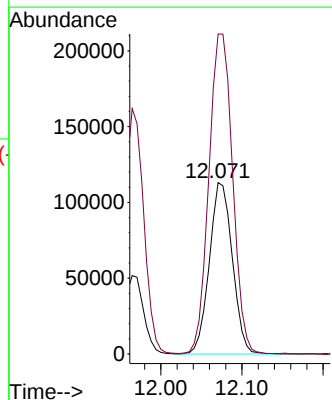
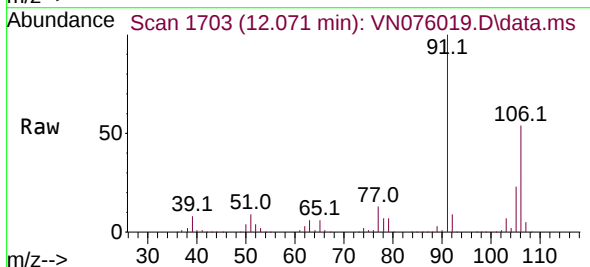
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

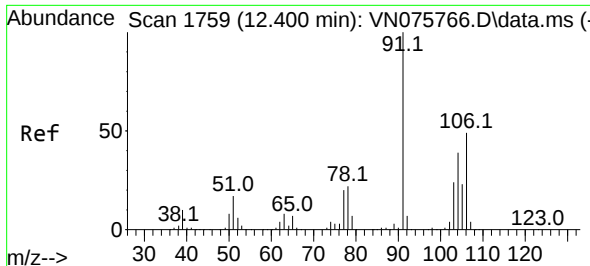
Tgt Ion: 91 Resp: 276758
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 39.924 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:106 Resp: 222200
Ion Ratio Lower Upper
106 100
91 192.5 156.6 235.0

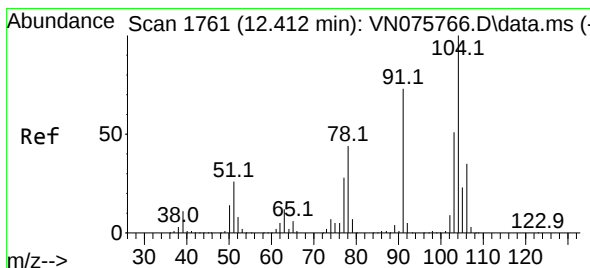
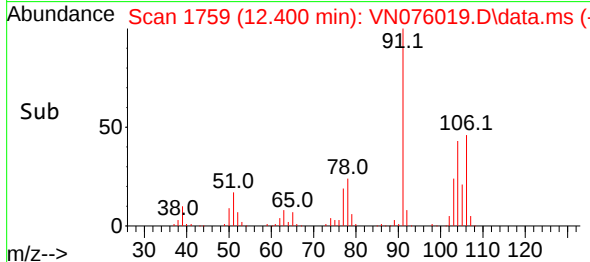
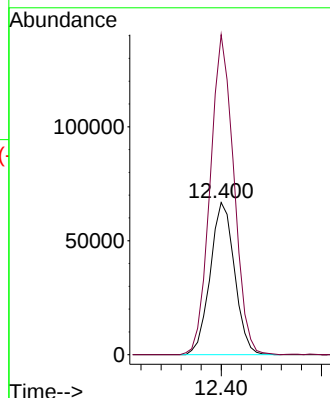
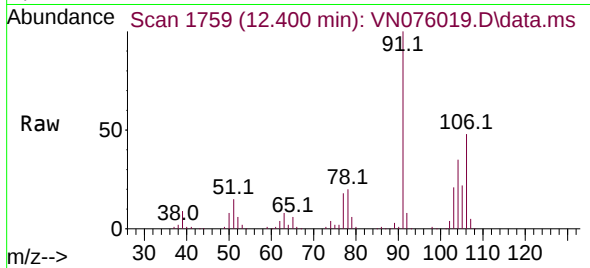




#69
o-Xylene
Concen: 20.440 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

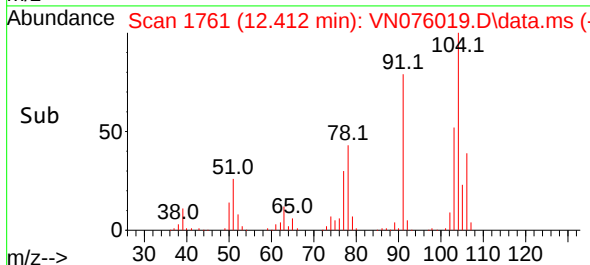
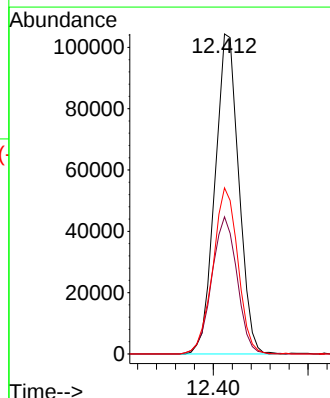
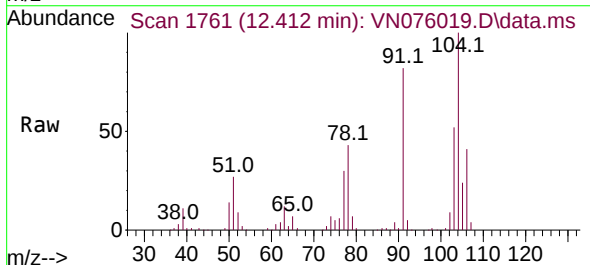
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

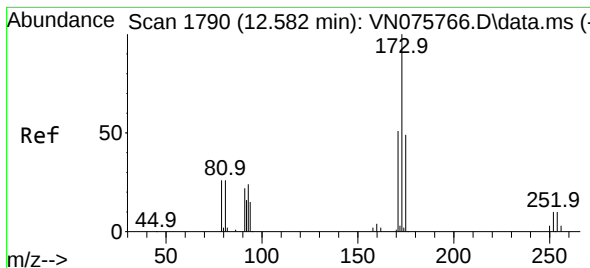
Tgt Ion:106 Resp: 112579
Ion Ratio Lower Upper
106 100
91 204.7 103.8 311.6



#70
Styrene
Concen: 20.788 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:104 Resp: 182041
Ion Ratio Lower Upper
104 100
78 45.5 37.5 56.3
103 54.5 43.5 65.3





#71

Bromoform

Concen: 22.550 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

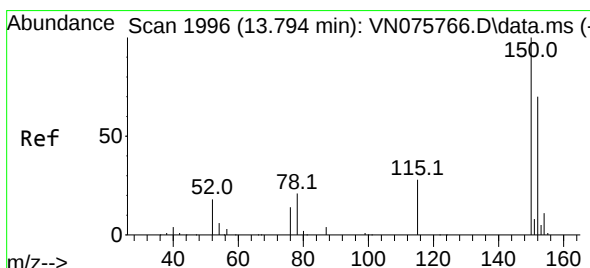
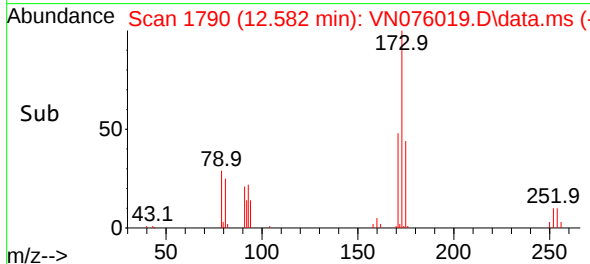
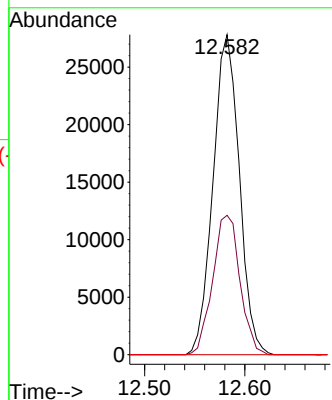
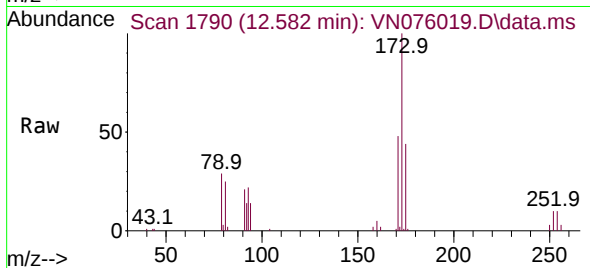
Tgt Ion:173 Resp: 50637

Ion Ratio Lower Upper

173 100

175 45.2 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: VN076019.D

Acq: 28 Dec 2022 23:43

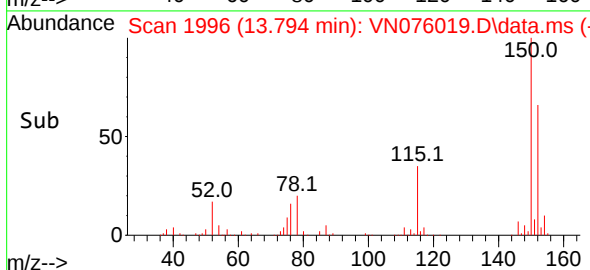
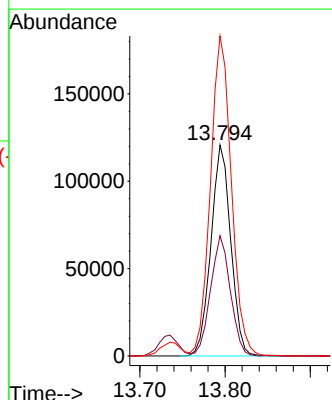
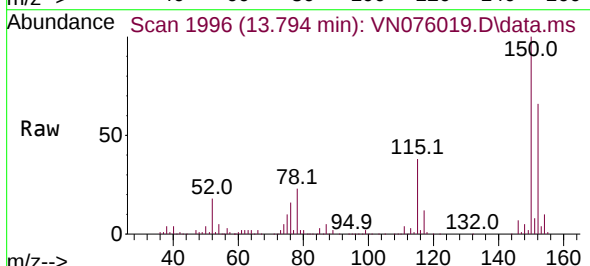
Tgt Ion:152 Resp: 194951

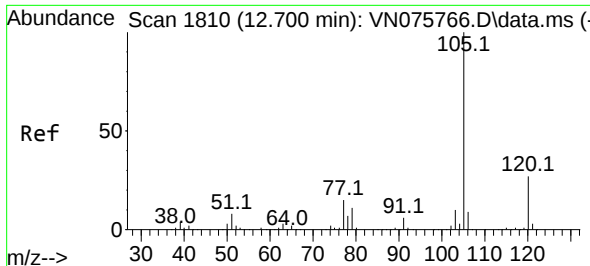
Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.4

150 160.3 0.0 347.0

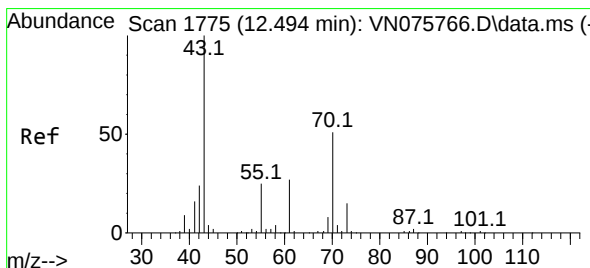
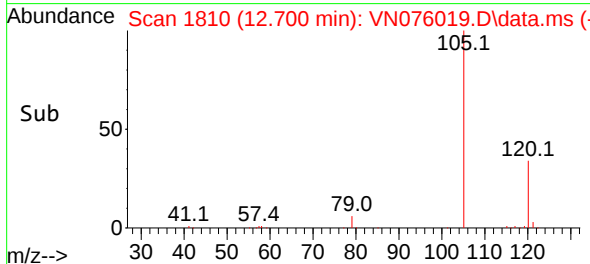
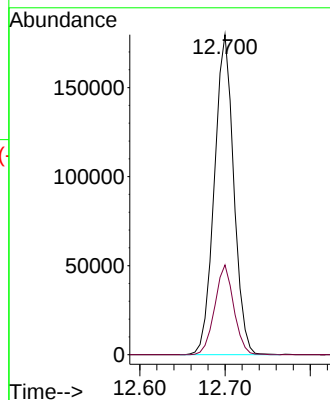
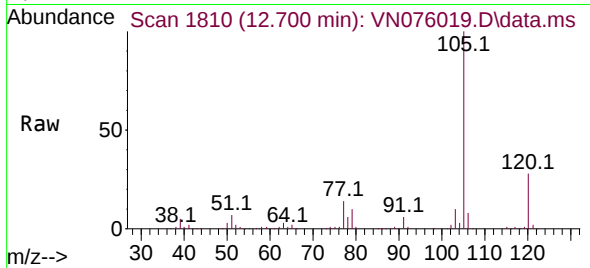




#73
Isopropylbenzene
Concen: 20.143 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

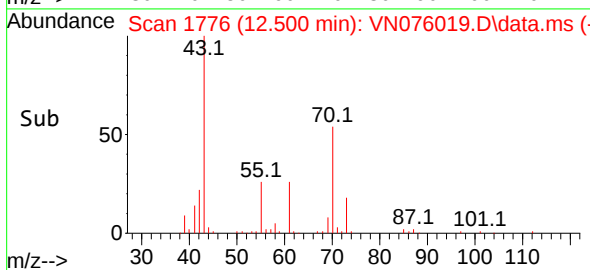
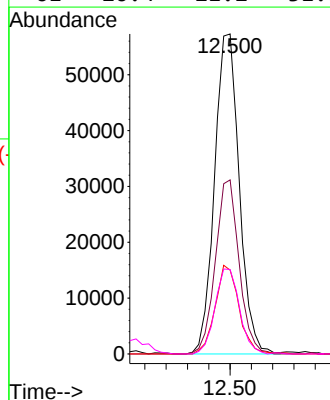
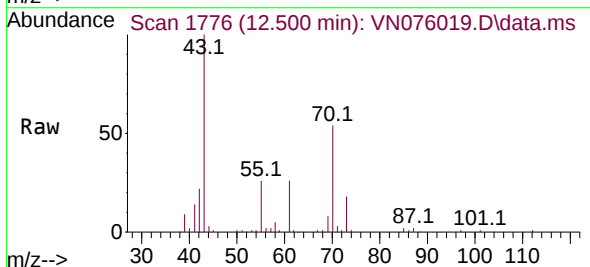
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

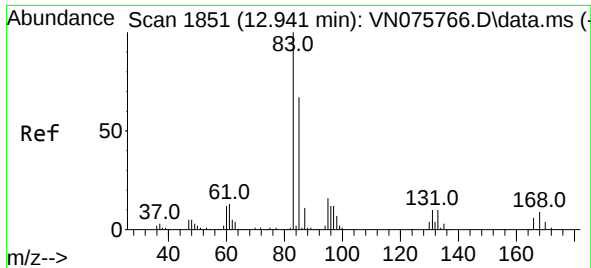
Tgt Ion:105 Resp: 283780
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 22.301 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 43 Resp: 92169
Ion Ratio Lower Upper
43 100
70 52.2 41.4 62.0
55 26.8 21.3 31.9
61 26.4 21.2 31.8

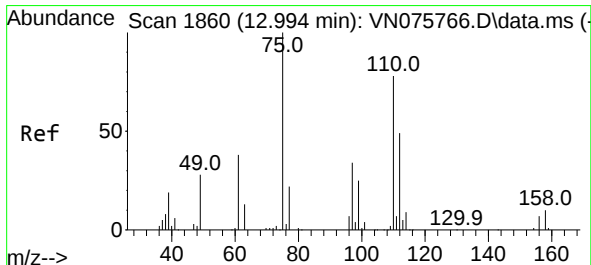
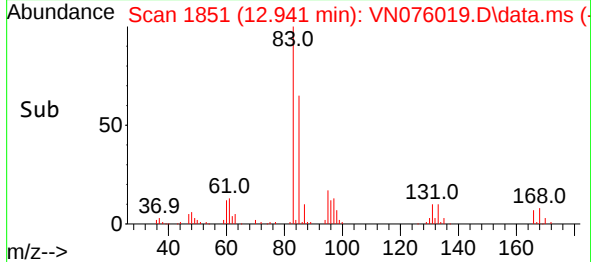
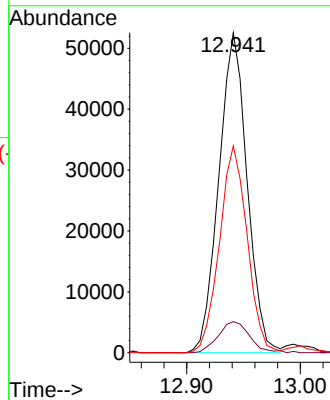
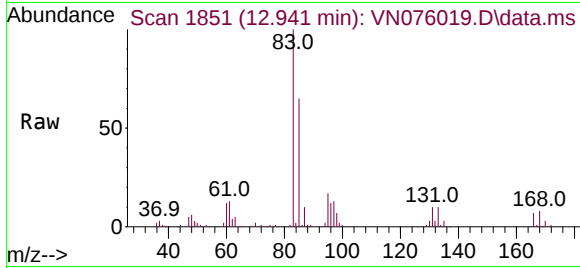




#75
1,1,2,2-Tetrachloroethane
Concen: 20.873 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

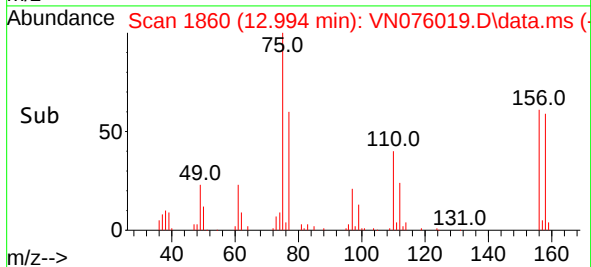
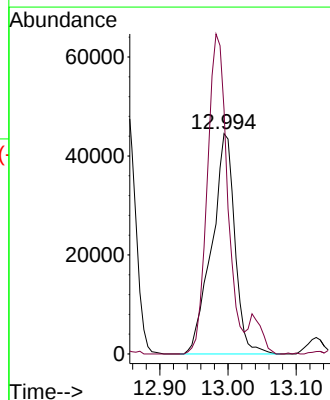
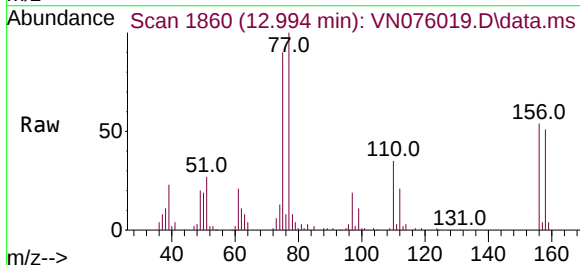
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

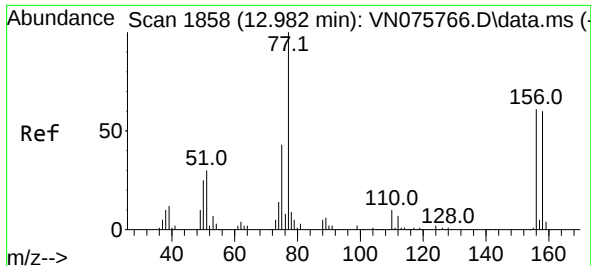
Tgt Ion: 83 Resp: 90904
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 63.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 26.695 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 75 Resp: 104904
Ion Ratio Lower Upper
75 100
77 125.9 82.6 247.8

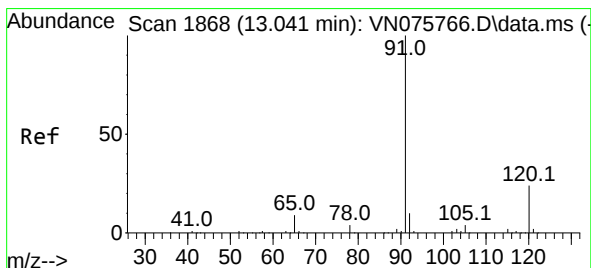
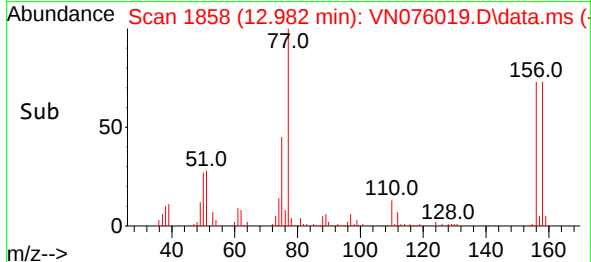
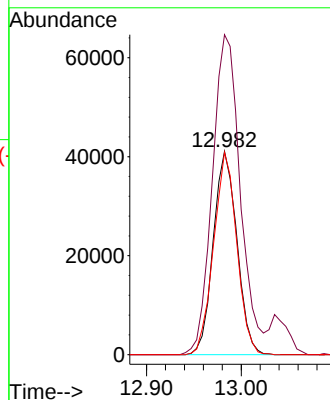
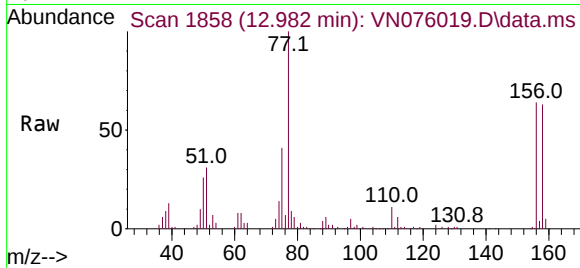




#77
Bromobenzene
Concen: 19.963 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

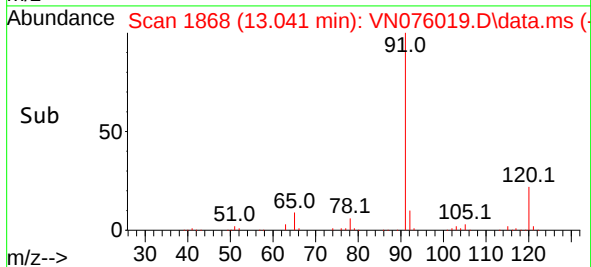
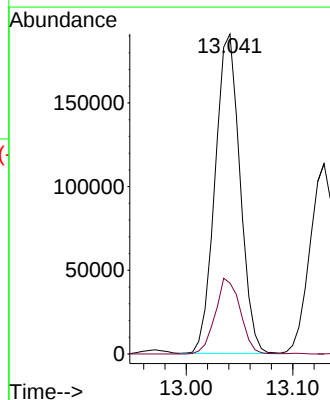
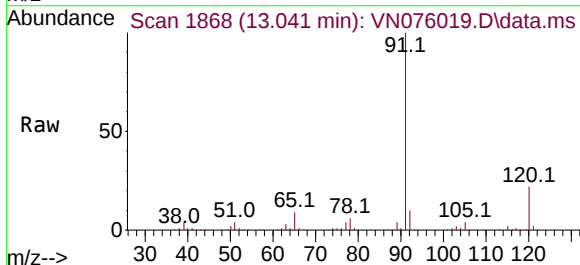
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

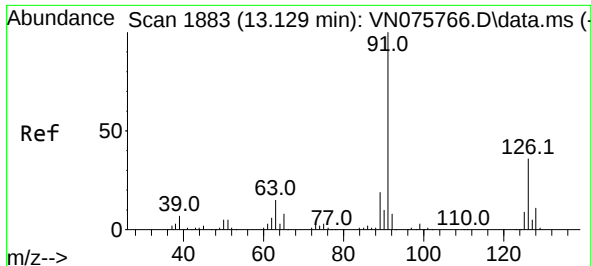
Tgt Ion:156 Resp: 71176
Ion Ratio Lower Upper
156 100
77 185.6 93.8 281.3
158 97.5 48.9 146.6



#78
n-propylbenzene
Concen: 19.950 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 91 Resp: 309988
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1

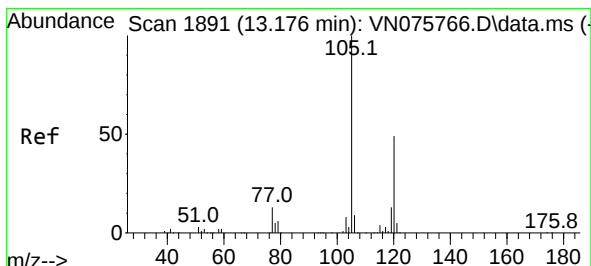
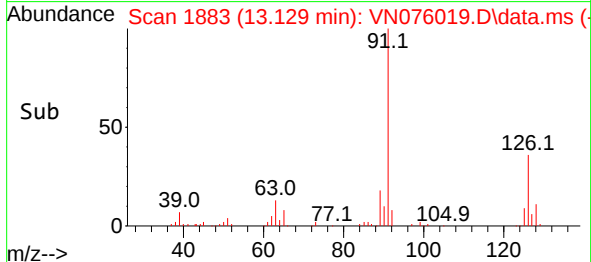
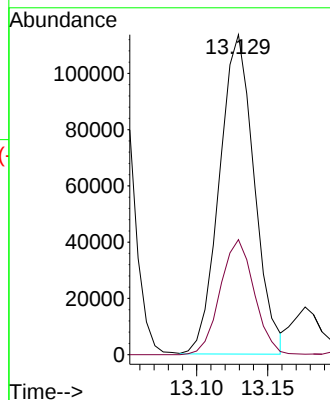
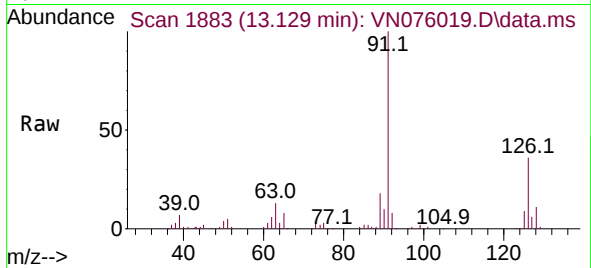




#79
2-Chlorotoluene
Concen: 19.969 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

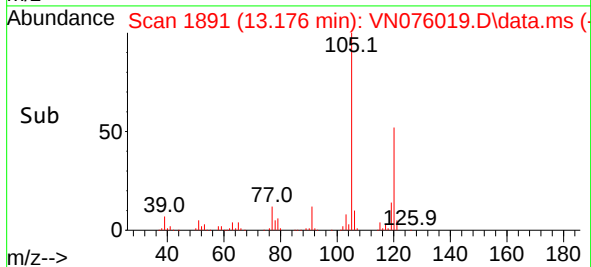
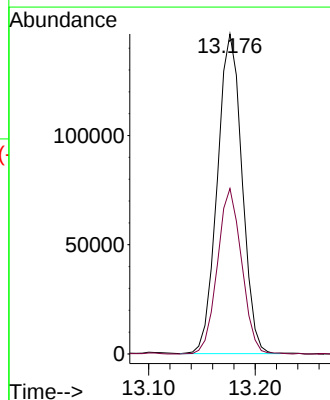
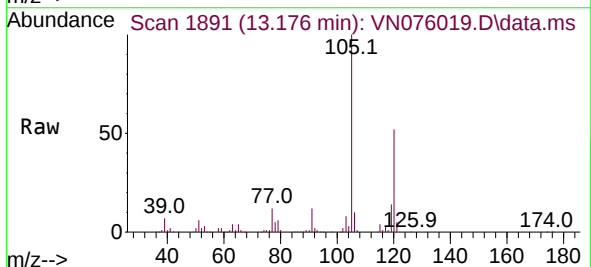
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

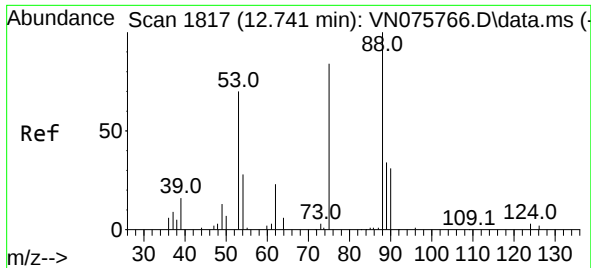
Tgt Ion: 91 Resp: 193691
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.968 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 105 Resp: 235440
Ion Ratio Lower Upper
105 100
120 50.7 24.7 74.1

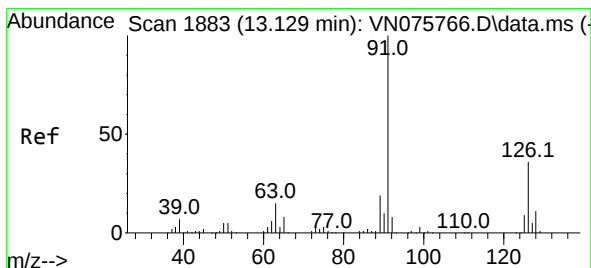
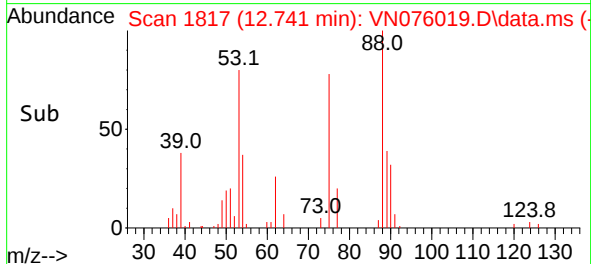
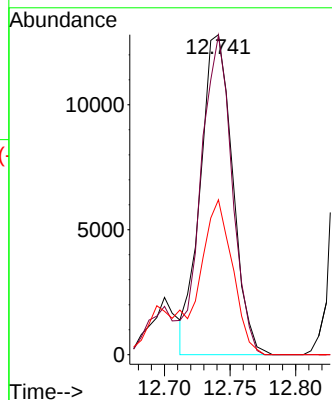
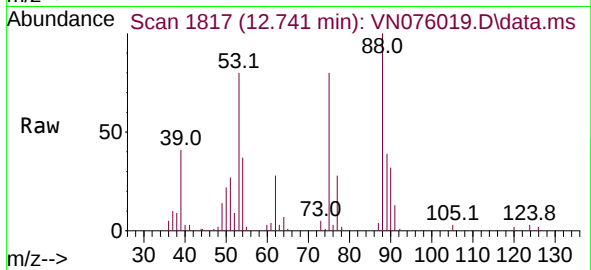




#81
trans-1,4-Dichloro-2-butene
Concen: 20.032 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

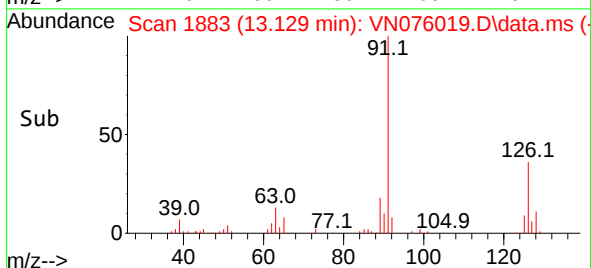
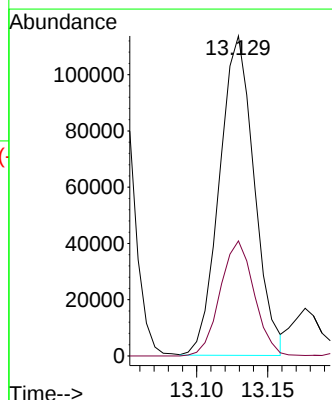
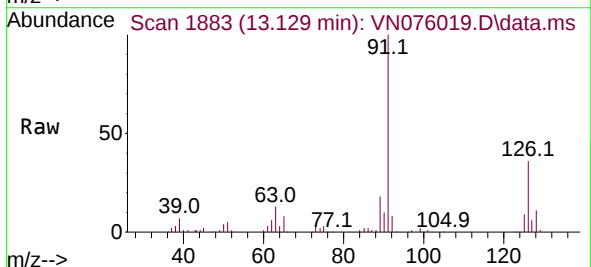
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

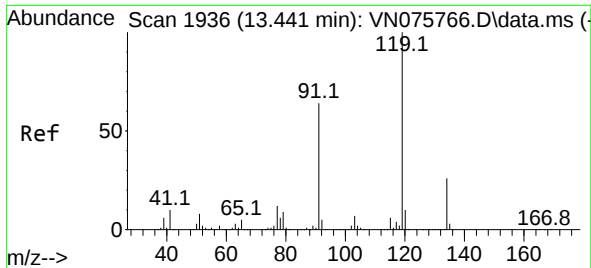
Tgt Ion: 75 Resp: 21870
Ion Ratio Lower Upper
75 100
53 97.1 73.8 110.6
89 45.3 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.969 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 91 Resp: 193691
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

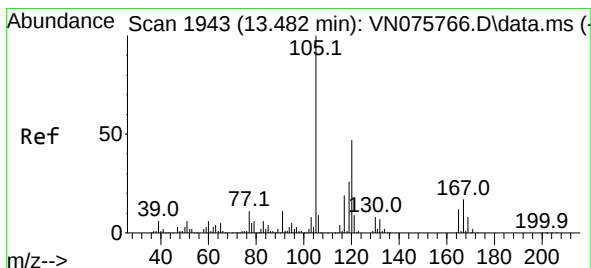
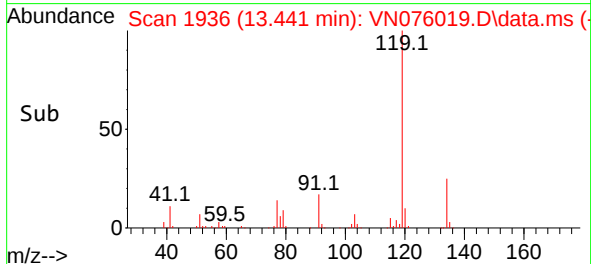
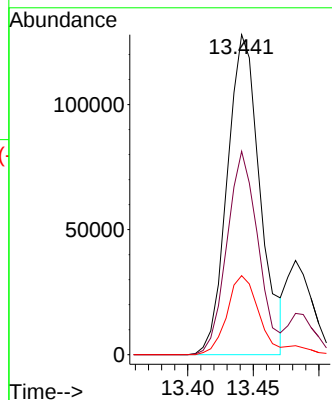
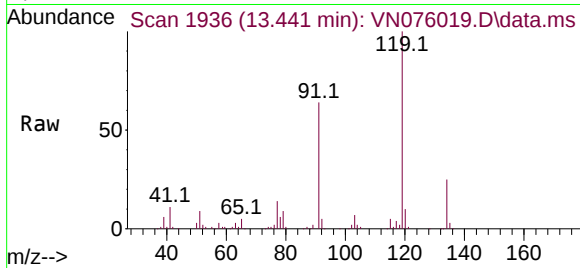




#83
tert-Butylbenzene
Concen: 21.365 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

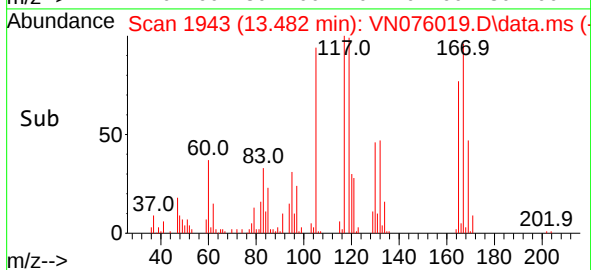
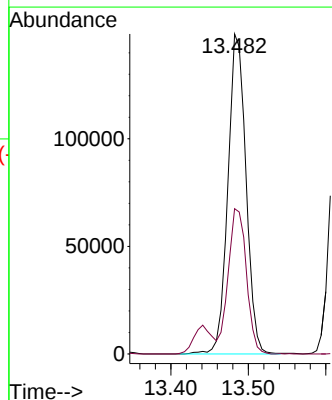
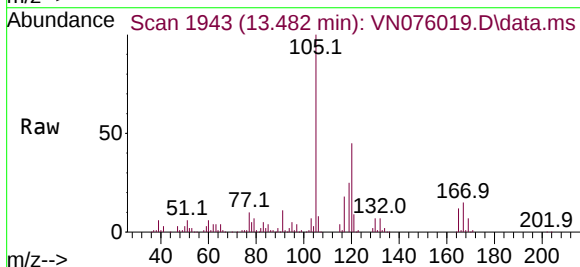
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

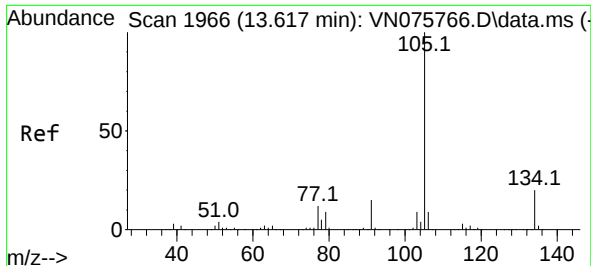
Tgt Ion:119 Resp: 222110
Ion Ratio Lower Upper
119 100
91 60.7 31.9 95.5
134 25.8 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.662 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:105 Resp: 241684
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8

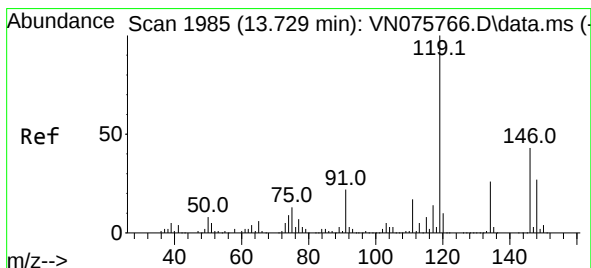
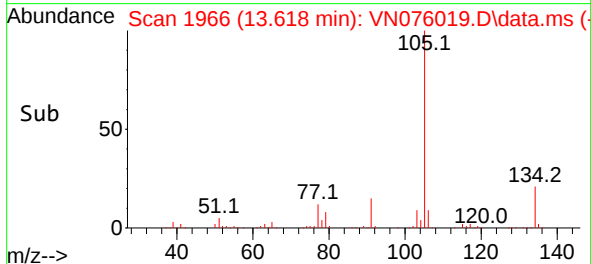
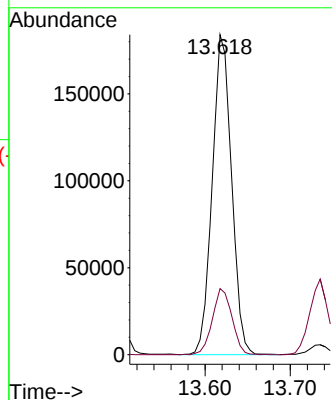
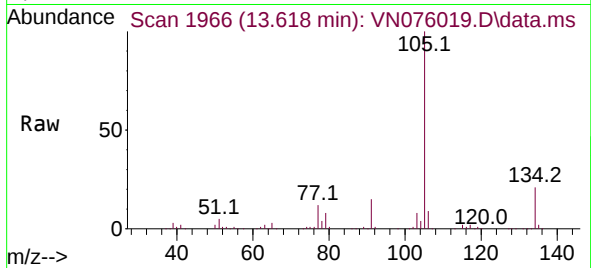




#85
 sec-Butylbenzene
 Concen: 20.208 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

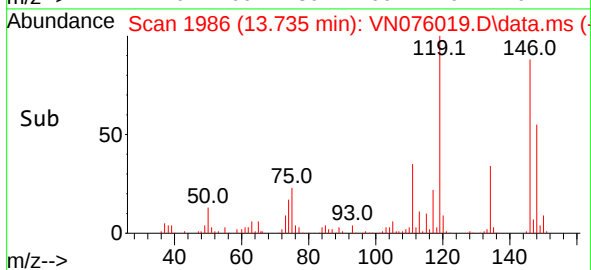
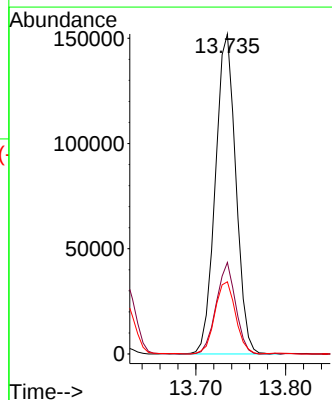
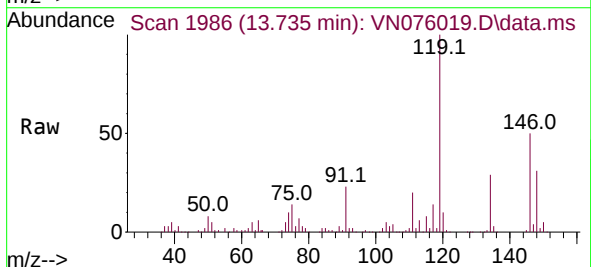
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

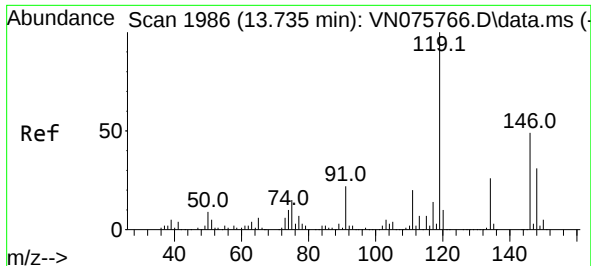
Tgt Ion:105 Resp: 289959
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.171 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076019.D
 Acq: 28 Dec 2022 23:43

Tgt Ion:119 Resp: 240832
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.407 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

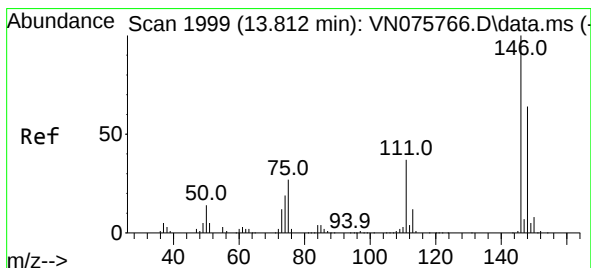
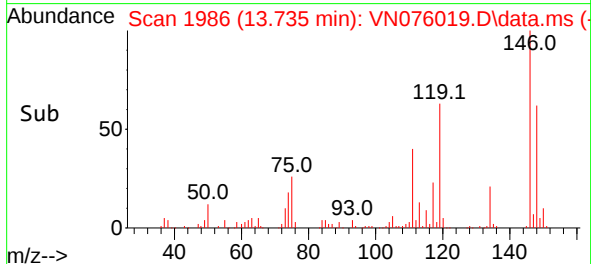
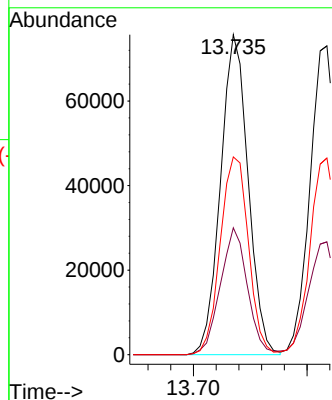
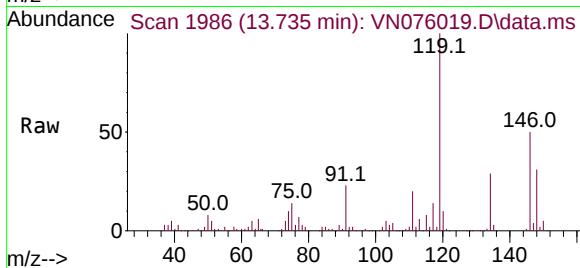
Tgt Ion:146 Resp: 127812

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

148 63.0 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.939 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

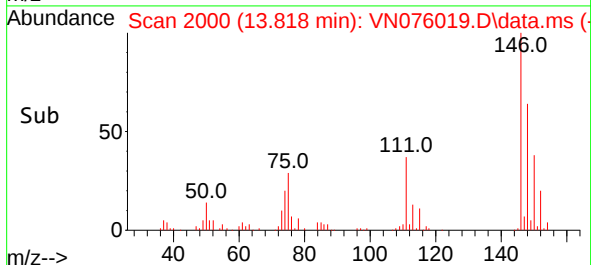
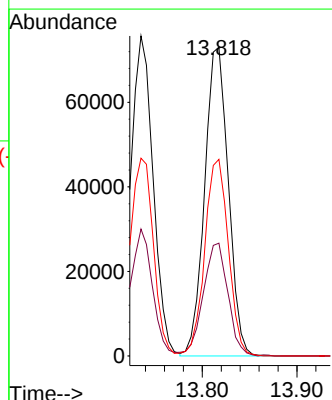
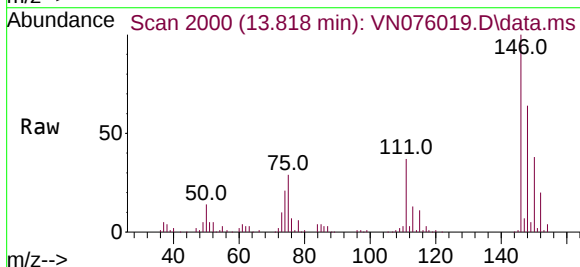
Tgt Ion:146 Resp: 127418

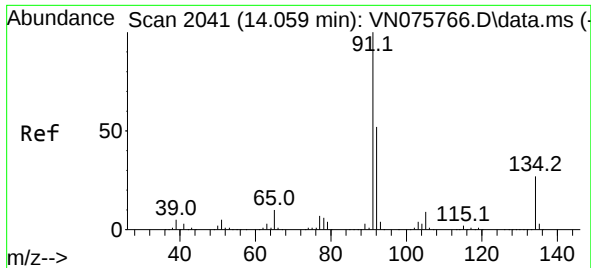
Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 63.7 32.0 96.2

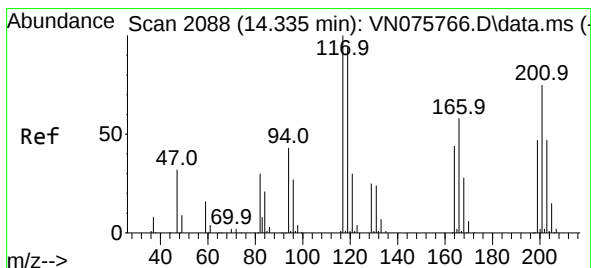
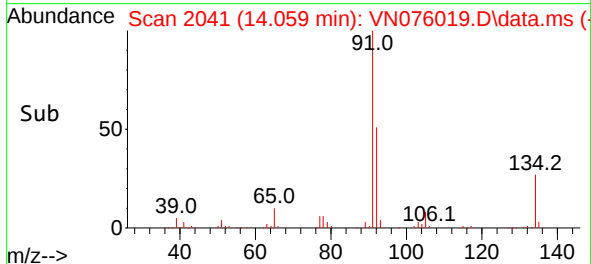
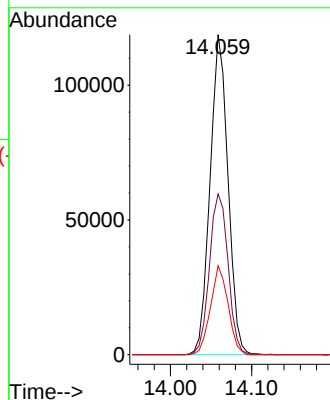
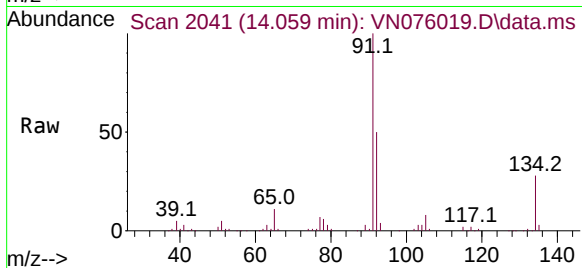




#89
n-Butylbenzene
Concen: 18.809 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

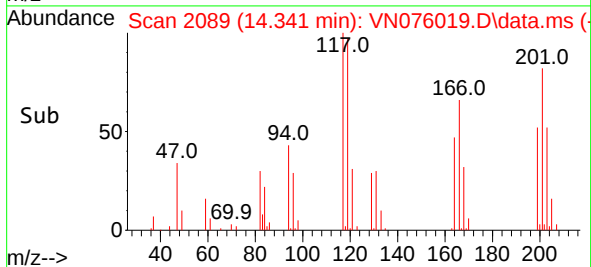
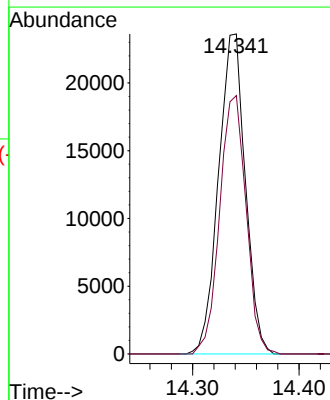
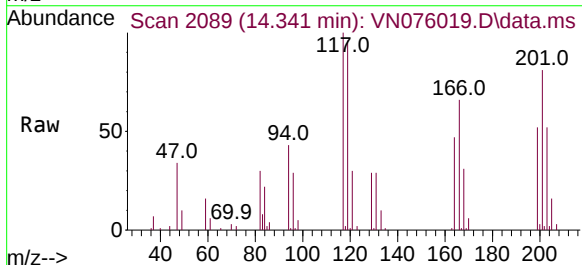
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

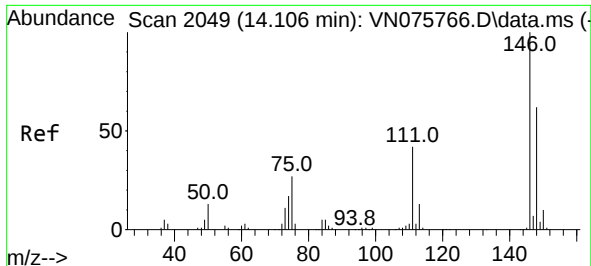
Tgt Ion: 91 Resp: 181925
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 27.2 13.4 40.2



#90
Hexachloroethane
Concen: 19.329 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 117 Resp: 41280
Ion Ratio Lower Upper
117 100
201 79.4 38.0 114.1

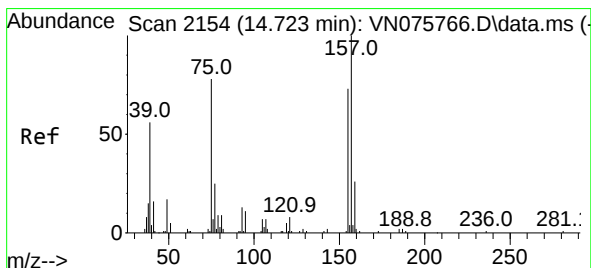
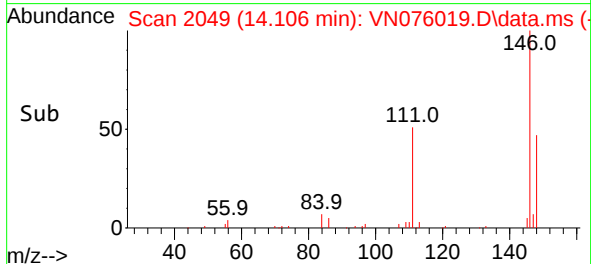
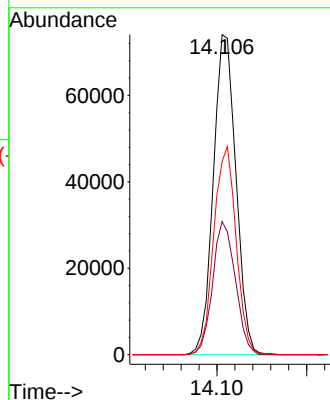
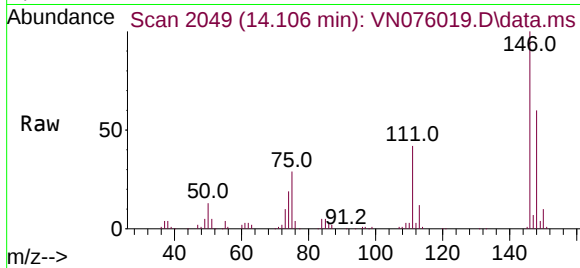




#91
1,2-Dichlorobenzene
Concen: 20.016 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

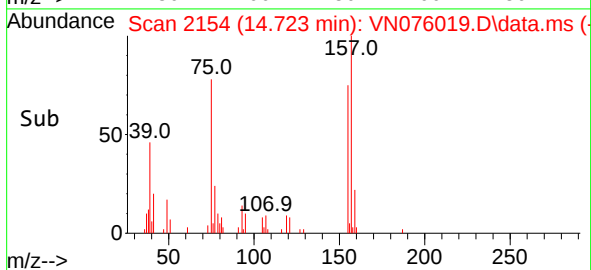
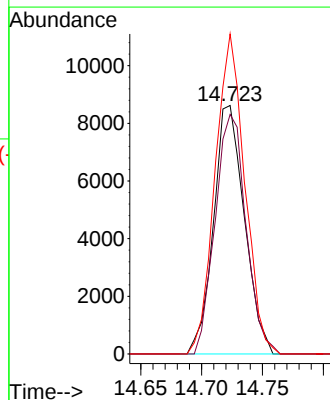
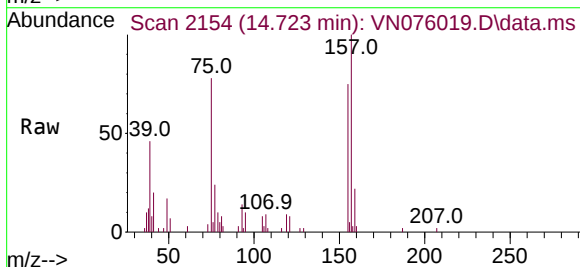
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

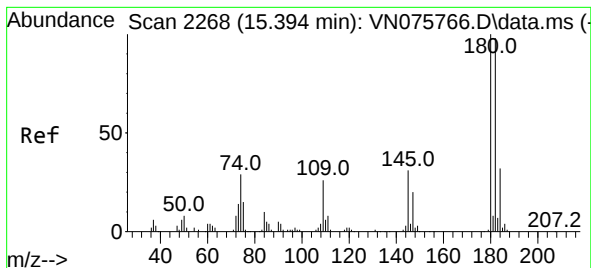
Tgt Ion:146 Resp: 129842
Ion Ratio Lower Upper
146 100
111 41.6 20.3 61.0
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.677 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion: 75 Resp: 15206
Ion Ratio Lower Upper
75 100
155 96.5 49.3 147.8
157 123.5 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.685 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD02

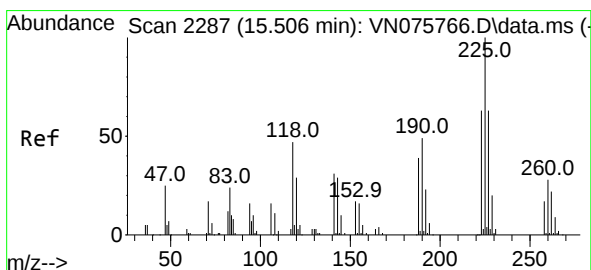
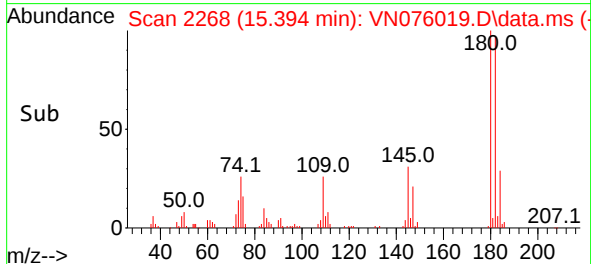
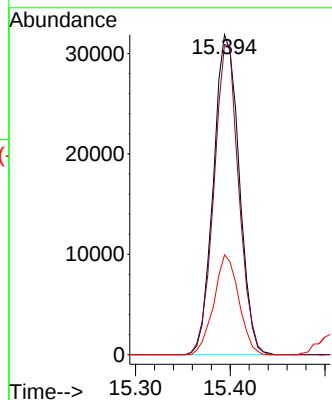
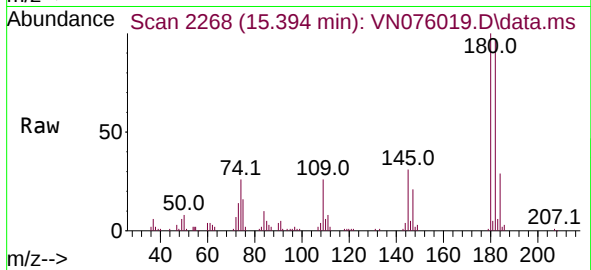
Tgt Ion:180 Resp: 60008

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

145 30.3 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.335 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076019.D

Acq: 28 Dec 2022 23:43

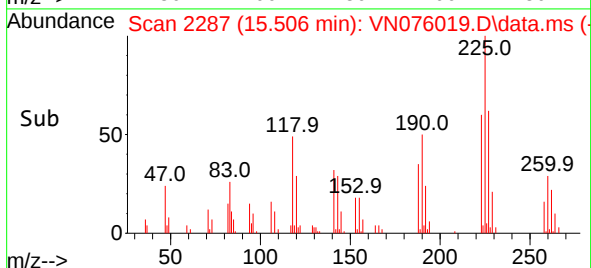
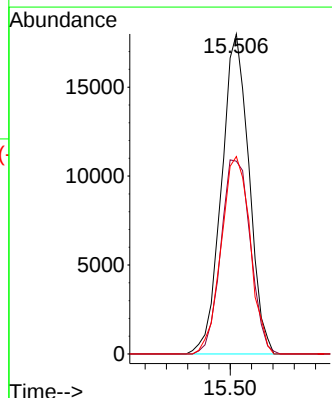
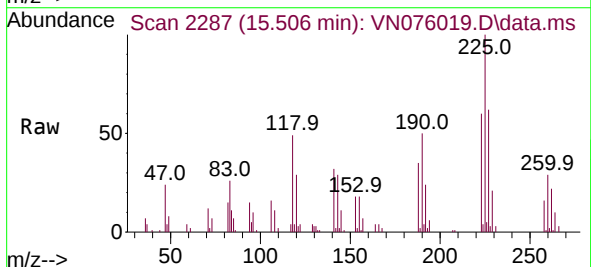
Tgt Ion:225 Resp: 32127

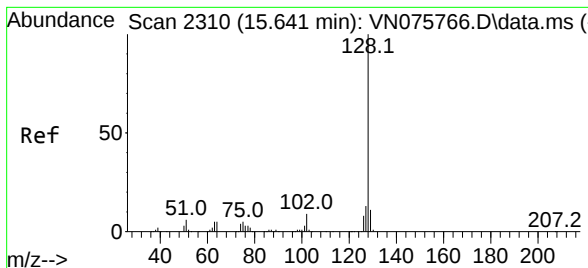
Ion Ratio Lower Upper

225 100

223 65.5 31.5 94.5

227 65.0 31.6 95.0

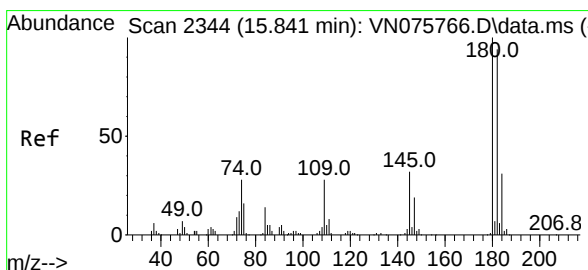
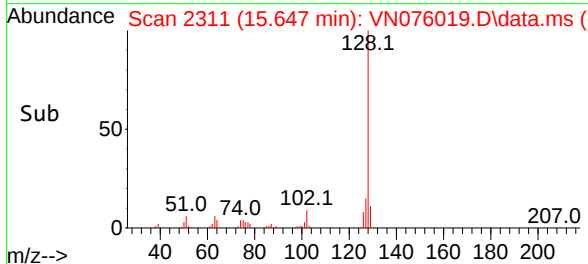
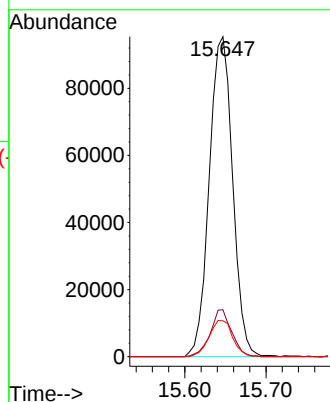
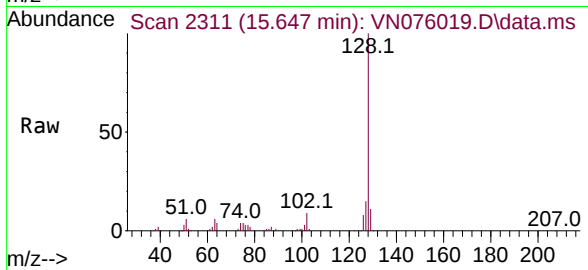




#95
Naphthalene
Concen: 19.380 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD02

Tgt Ion:128 Resp: 190828
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.895 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076019.D
Acq: 28 Dec 2022 23:43

Tgt Ion:180 Resp: 59720
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.0
145 30.6 16.0 47.9

