

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075526.D
 Acq On : 02 Dec 2022 12:44
 Operator : JC\MD
 Sample : VN1202WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

Quant Time: Dec 03 00:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	38584	50.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.000%	
35) Dibromofluoromethane	8.171	113	48884	53.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.320%	
50) Toluene-d8	10.565	98	107303	52.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.853	95	77827	51.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.780%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	18540	17.033	ug/l	97
3) Chloromethane	2.371	50	21259	15.696	ug/l	89
4) Vinyl Chloride	2.524	62	30025	17.590	ug/l	94
5) Bromomethane	2.936	94	28136	18.744	ug/l	94
6) Chloroethane	3.106	64	25342	19.593	ug/l	100
7) Trichlorofluoromethane	3.500	101	45803	18.783	ug/l	98
8) Diethyl Ether	3.971	74	16629	19.457	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	26859	19.952	ug/l	95
10) Methyl Iodide	4.595	142	40675	18.647	ug/l	97
11) Tert butyl alcohol	5.542	59	27142	84.616	ug/l	98
12) 1,1-Dichloroethene	4.347	96	24583	18.649	ug/l	94
13) Acrolein	4.189	56	24609	88.066	ug/l	100
14) Allyl chloride	5.030	41	27621	16.199	ug/l	91
15) Acrylonitrile	5.730	53	71957	97.778	ug/l	98
16) Acetone	4.442	43	65186	91.460	ug/l	95
17) Carbon Disulfide	4.724	76	51291	14.972	ug/l	96
18) Methyl Acetate	5.042	43	37647	20.180	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	87770	18.795	ug/l	99
20) Methylene Chloride	5.289	84	30244	20.163	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	27786	18.496	ug/l	88
22) Diisopropyl ether	6.677	45	73142	18.797	ug/l	97
23) Vinyl Acetate	6.612	43	251513	81.247	ug/l	99
24) 1,1-Dichloroethane	6.577	63	47561	19.043	ug/l	99
25) 2-Butanone	7.488	43	89397	89.841	ug/l	91
26) 2,2-Dichloropropane	7.494	77	43520	18.749	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	32918	19.378	ug/l	94
28) Bromochloromethane	7.818	49	19725	19.456	ug/l	82
29) Tetrahydrofuran	7.841	42	55402	91.534	ug/l	97
30) Chloroform	7.971	83	54368	18.955	ug/l	93
31) Cyclohexane	8.259	56	40929	16.859	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	49560	19.030	ug/l	97
36) 1,1-Dichloropropene	8.377	75	37228	18.741	ug/l	97
37) Ethyl Acetate	7.565	43	35341	19.758	ug/l	99
38) Carbon Tetrachloride	8.371	117	44432	20.361	ug/l	98
39) Methylcyclohexane	9.606	83	45500	18.301	ug/l	97
40) Benzene	8.612	78	119141	19.589	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18015	19.700	ug/l	96
42) 1,2-Dichloroethane	8.677	62	40242	19.756	ug/l	94
43) Isopropyl Acetate	8.694	43	55200	19.226	ug/l	96
44) Trichloroethene	9.353	130	31603	18.990	ug/l	99
45) 1,2-Dichloropropane	9.624	63	28924	19.956	ug/l	96
46) Dibromomethane	9.706	93	21601	19.704	ug/l	89
47) Bromodichloromethane	9.888	83	42329	19.938	ug/l	97
48) Methyl methacrylate	9.682	41	25120	18.922	ug/l	95
49) 1,4-Dioxane	9.700	88	13842	367.189	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	178937	97.852	ug/l	97
52) Toluene	10.635	92	78370	19.996	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	41790	19.607	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	45546	19.676	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	32241	20.197	ug/l	95
56) Ethyl methacrylate	10.876	69	43207	20.042	ug/l	97
57) 1,3-Dichloropropane	11.165	76	52023	19.987	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	71202	91.578	ug/l	97
59) 2-Hexanone	11.194	43	131996	96.127	ug/l	98
60) Dibromochloromethane	11.359	129	35381	21.593	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32319	19.506	ug/l	98
64) Tetrachloroethene	11.106	164	30978	19.223	ug/l	90
65) Chlorobenzene	11.894	112	84919	19.485	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	33347	20.502	ug/l	98
67) Ethyl Benzene	11.965	91	144979	19.499	ug/l	95
68) m/p-Xylenes	12.070	106	120891	40.039	ug/l	96
69) o-Xylene	12.400	106	59128	19.710	ug/l	94
70) Styrene	12.412	104	93677	19.795	ug/l	97
71) Bromoform	12.576	173	25851	20.882	ug/l #	97
73) Isopropylbenzene	12.700	105	150646	19.855	ug/l	99
74) N-amyl acetate	12.494	43	46068	19.750	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	48222	20.847	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	56823	28.939	ug/l	78
77) Bromobenzene	12.982	156	36274	19.365	ug/l	88
78) n-propylbenzene	13.035	91	168579	19.909	ug/l	99
79) 2-Chlorotoluene	13.123	91	103177	20.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	128451	20.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14724	22.187	ug/l	88
82) 4-Chlorotoluene	13.123	91	103177	20.223	ug/l	97
83) tert-Butylbenzene	13.441	119	115470	20.091	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	127907	20.229	ug/l	99
85) sec-Butylbenzene	13.617	105	156041	20.009	ug/l	99
86) p-Isopropyltoluene	13.729	119	131146	19.988	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	70100	19.752	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	68041	18.873	ug/l	97
89) n-Butylbenzene	14.059	91	100644	18.162	ug/l	99
90) Hexachloroethane	14.335	117	23504	20.765	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	69938	20.217	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8228	18.777	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	33300	18.783	ug/l	97
94) Hexachlorobutadiene	15.506	225	19195	20.787	ug/l	98
95) Naphthalene	15.641	128	98923	17.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32531	18.670	ug/l	98

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ClientSampleId :
VN1202WBS01

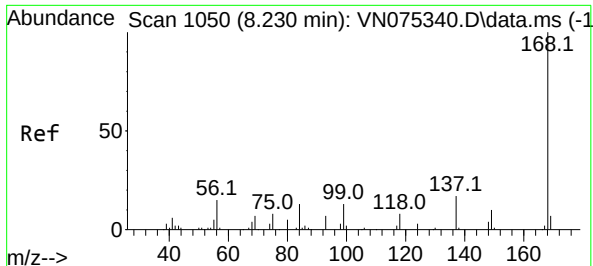
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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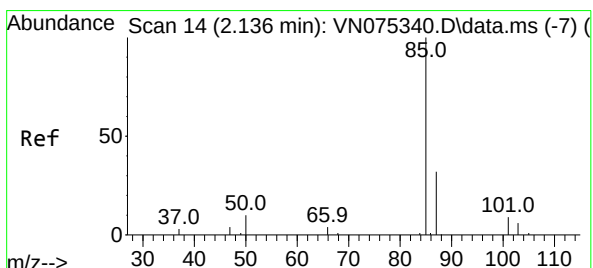
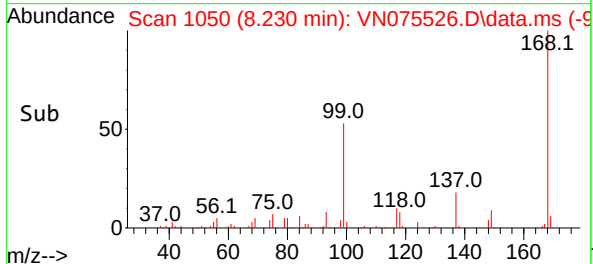
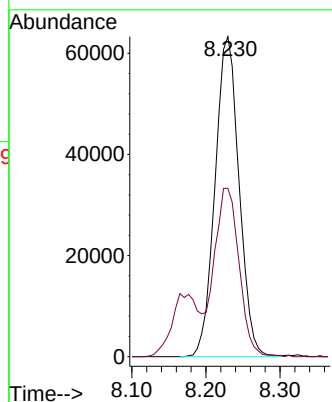
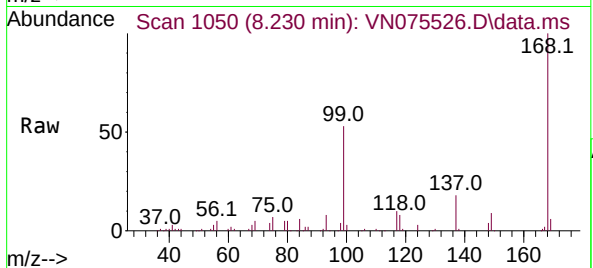




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

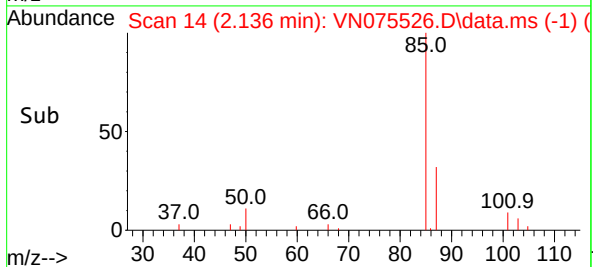
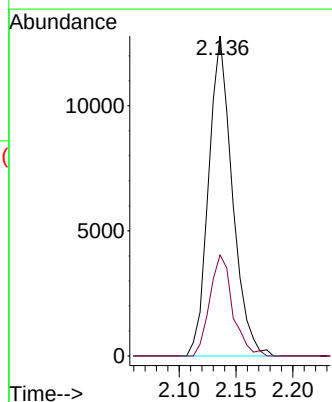
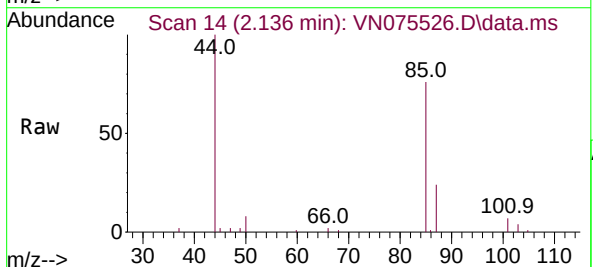
Instrument :
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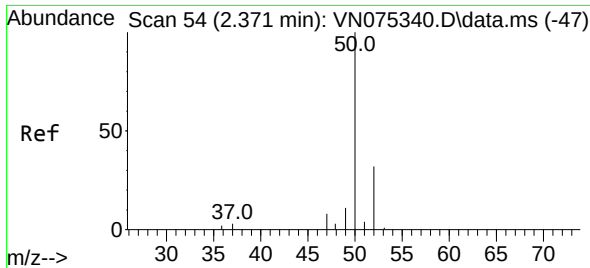
Tgt Ion:168 Resp: 142349
Ion Ratio Lower Upper
168 100
99 52.2 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 17.033 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 85 Resp: 18540
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0

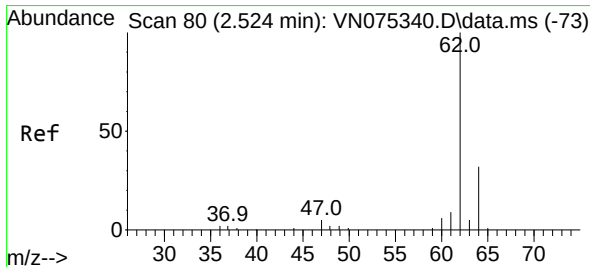
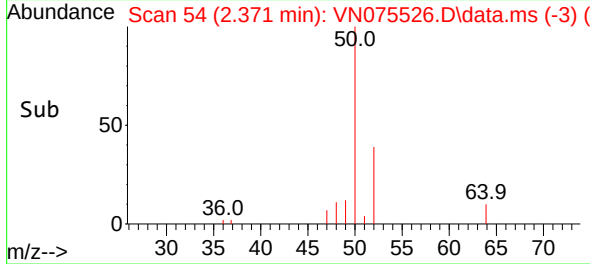
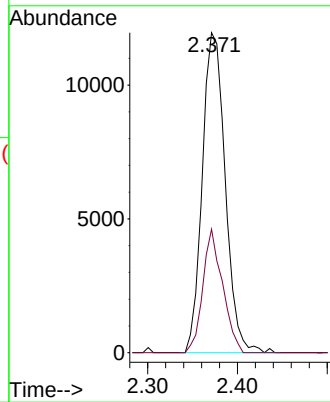
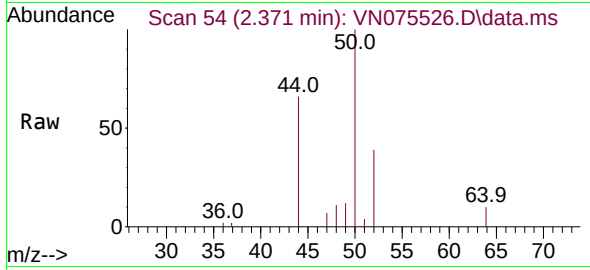




#3
Chloromethane
Concen: 15.696 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

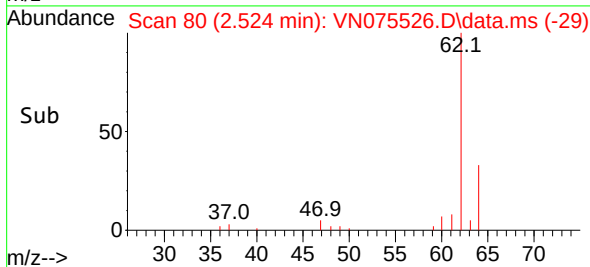
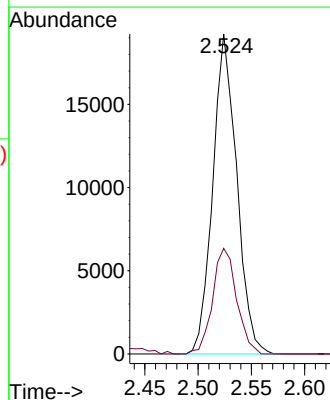
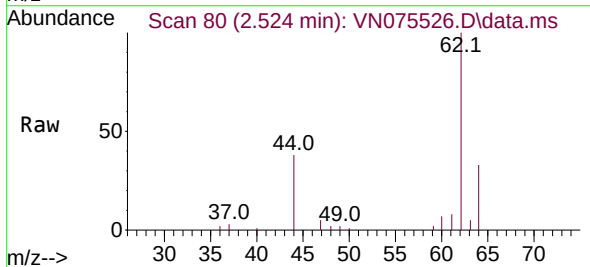
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ClientSampleId :
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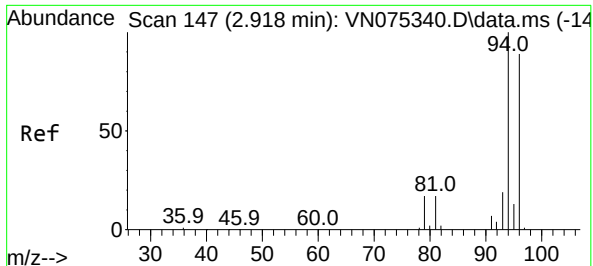
Tgt Ion: 50 Resp: 21259
Ion Ratio Lower Upper
50 100
52 38.6 25.8 38.6



#4
Vinyl Chloride
Concen: 17.590 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 62 Resp: 30025
Ion Ratio Lower Upper
62 100
64 33.0 24.0 36.0

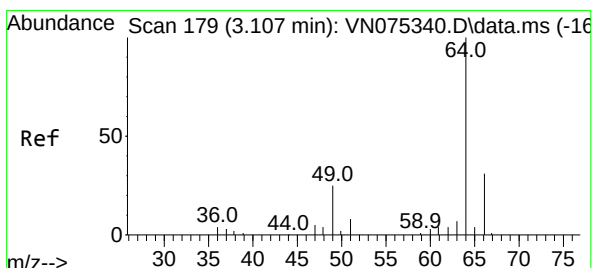
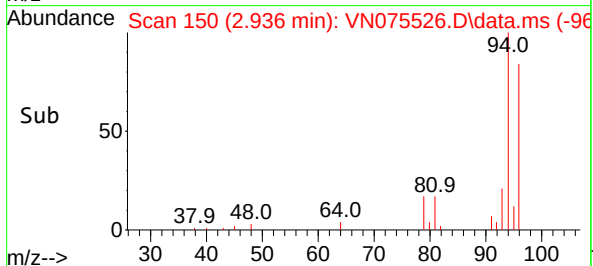
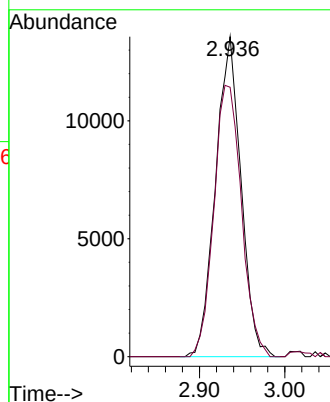
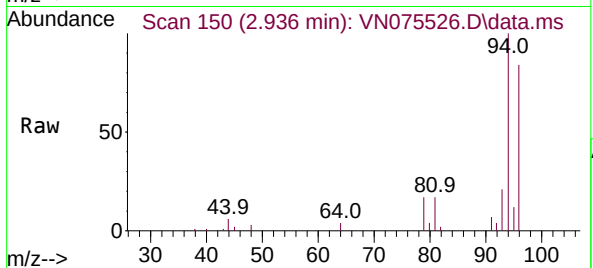




#5
Bromomethane
Concen: 18.744 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

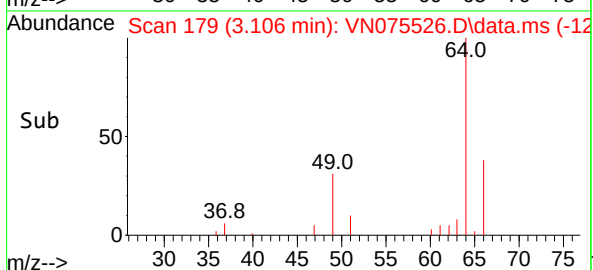
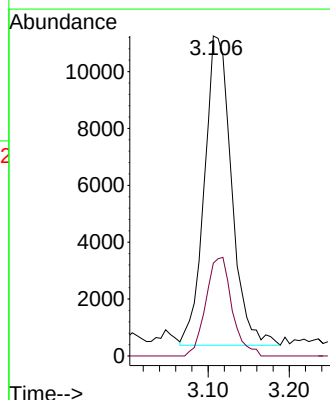
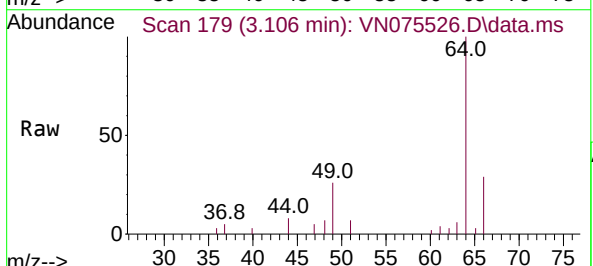
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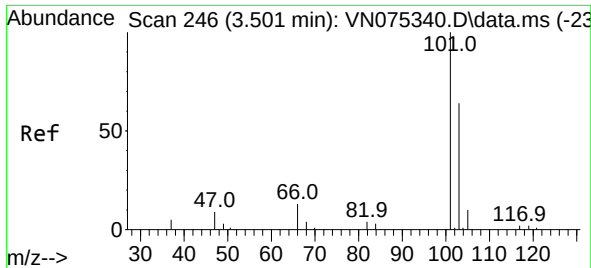
Tgt Ion: 94 Resp: 28136
Ion Ratio Lower Upper
94 100
96 84.2 71.8 107.6



#6
Chloroethane
Concen: 19.593 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 64 Resp: 25342
Ion Ratio Lower Upper
64 100
66 30.0 23.8 35.8

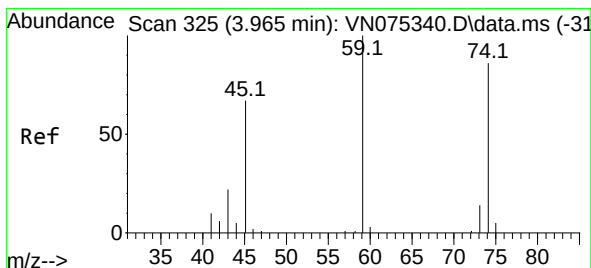
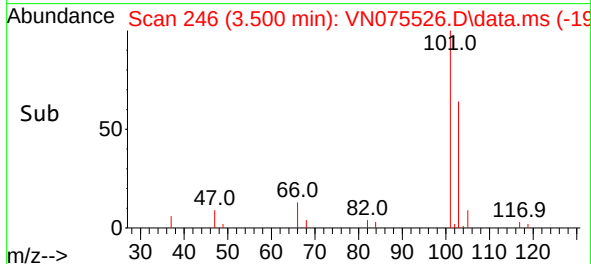
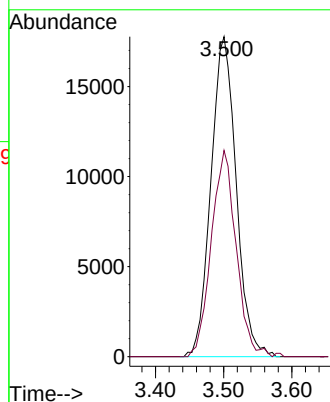
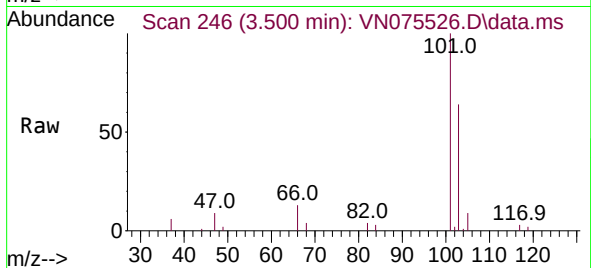




#7
 Trichlorofluoromethane
 Concen: 18.783 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.001 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

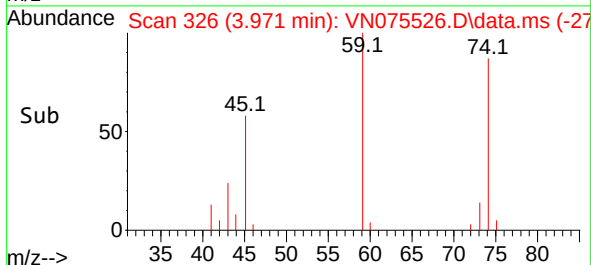
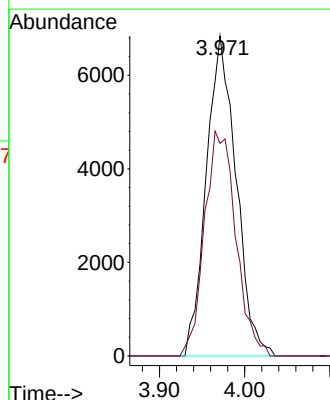
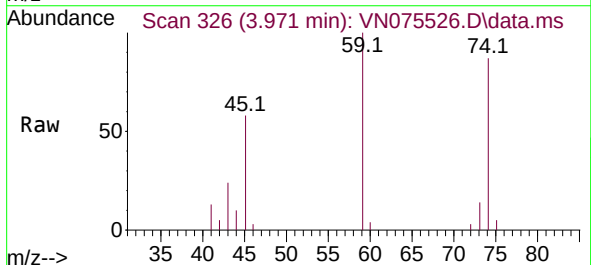
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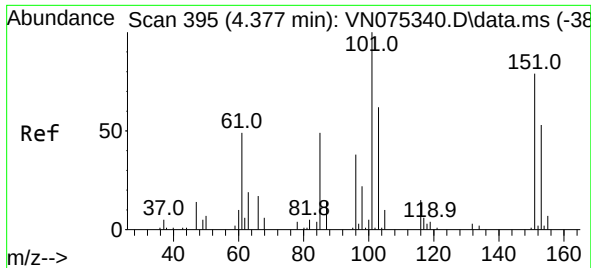
Tgt Ion:101 Resp: 45803
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7



#8
 Diethyl Ether
 Concen: 19.457 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion: 74 Resp: 16629
 Ion Ratio Lower Upper
 74 100
 45 73.8 39.3 117.9

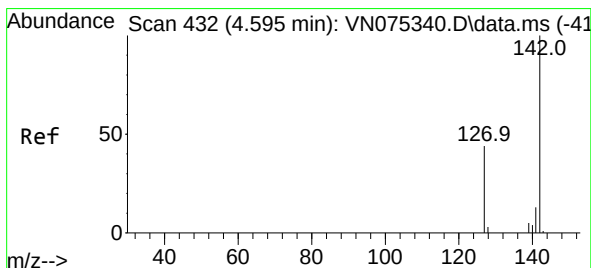
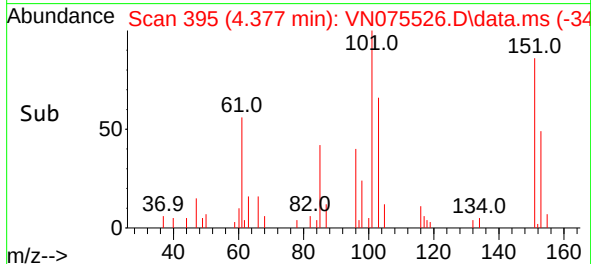
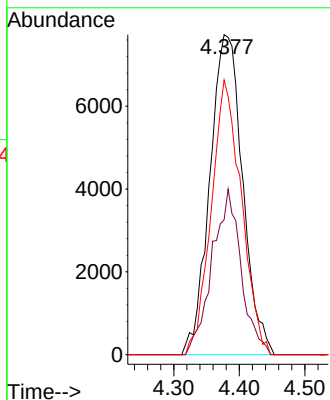
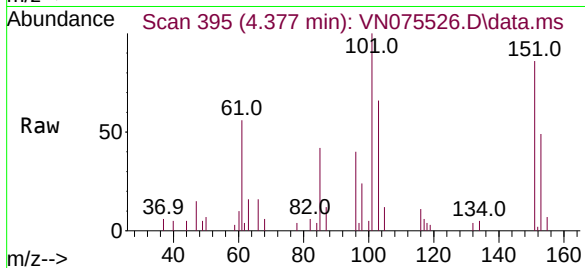




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.952 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. -0.000 min
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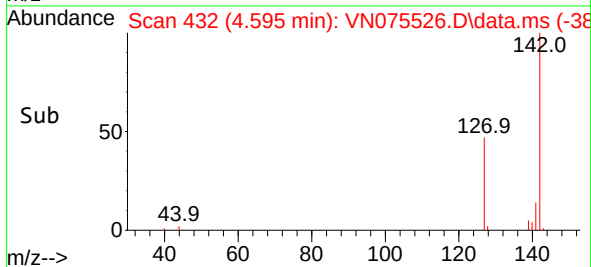
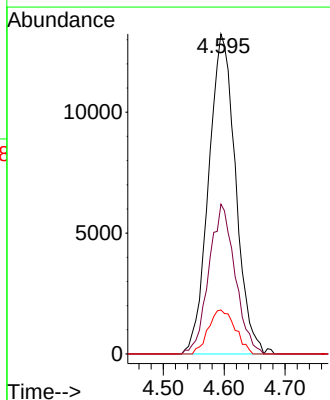
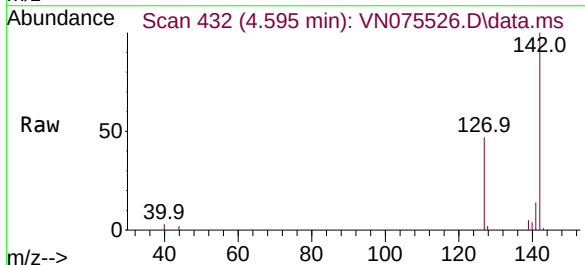
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 ClientSampleId :
 VN1202WBS01

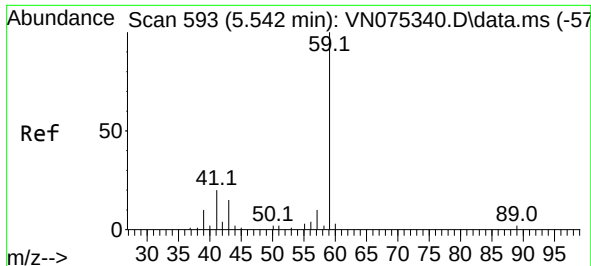
Tgt Ion:101	Resp:	26859
Ion	Ratio	Lower Upper
101	100	
85	45.6	37.6 56.4
151	78.7	58.3 87.5



#10
 Methyl Iodide
 Concen: 18.647 ug/l
 RT: 4.595 min Scan# 432
 Delta R.T. -0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion:142	Resp:	40675
Ion	Ratio	Lower Upper
142	100	
127	45.5	38.0 57.0
141	13.7	12.2 18.4

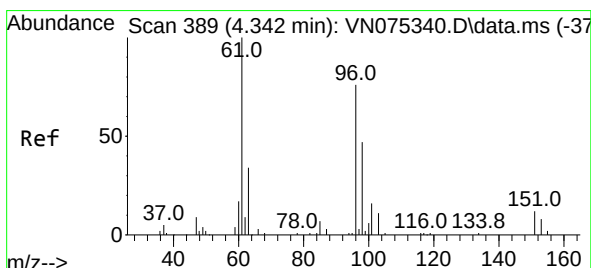
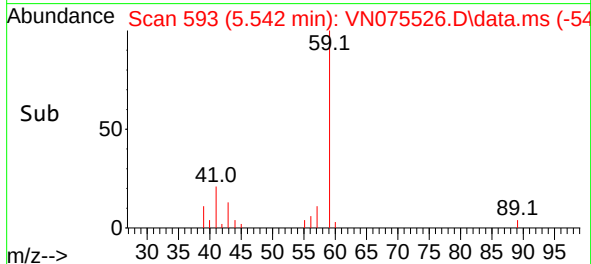
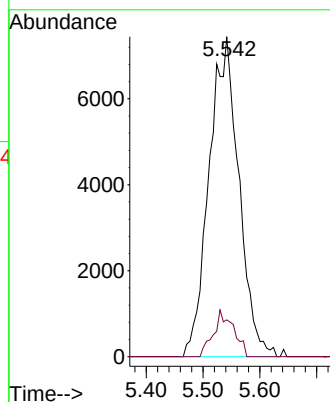
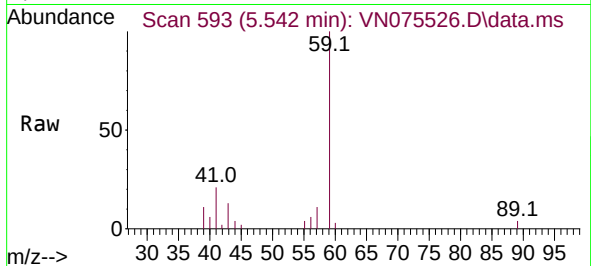




#11
Tert butyl alcohol
Concen: 84.616 ug/l
RT: 5.542 min Scan# 59
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

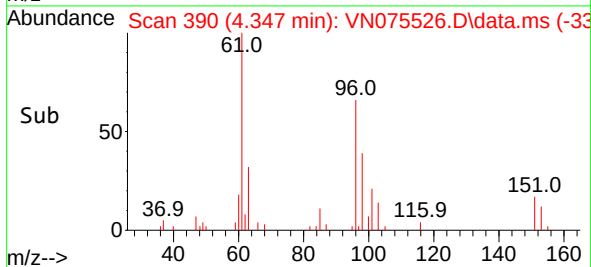
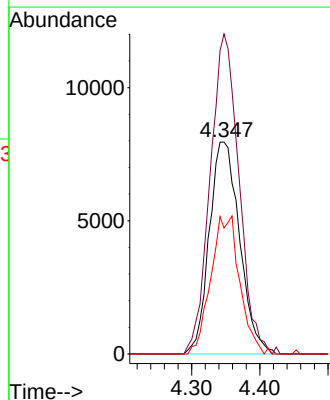
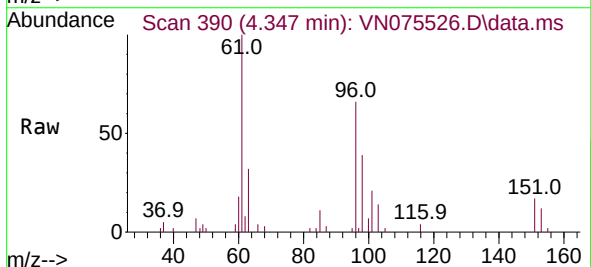
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

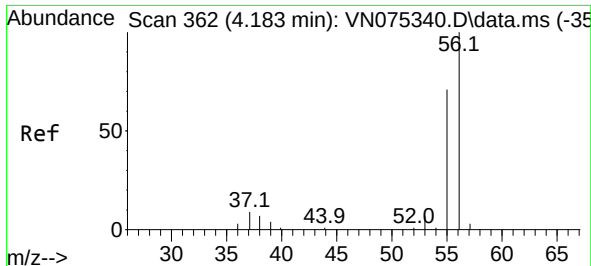
Tgt Ion: 59 Resp: 27142
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.649 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 96 Resp: 24583
Ion Ratio Lower Upper
96 100
61 151.0 126.2 189.4
98 59.4 51.5 77.3





#13

Acrolein

Concen: 88.066 ug/l

RT: 4.189 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

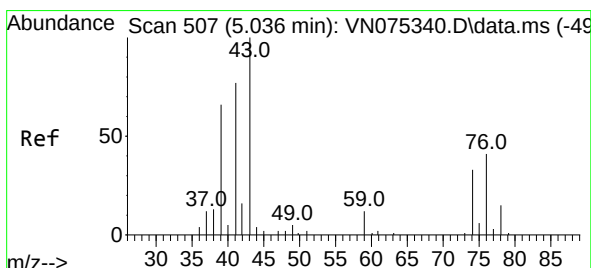
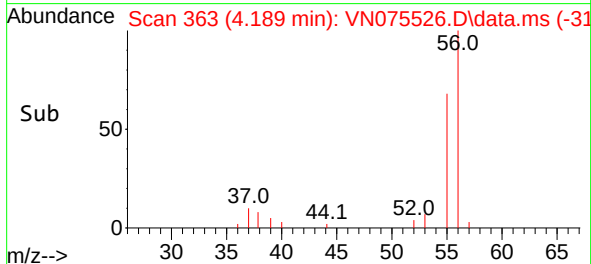
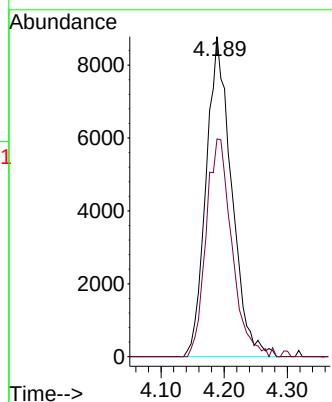
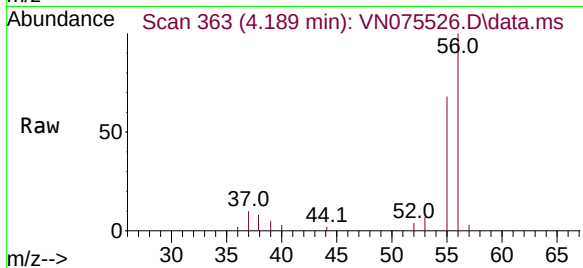
VN1202WBS01

Tgt Ion: 56 Resp: 24609

Ion Ratio Lower Upper

56 100

55 69.0 55.2 82.8



#14

Allyl chloride

Concen: 16.199 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

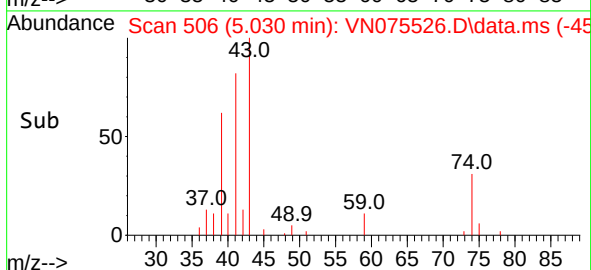
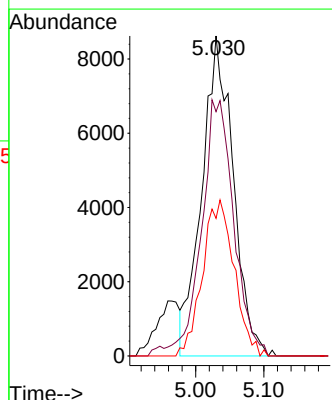
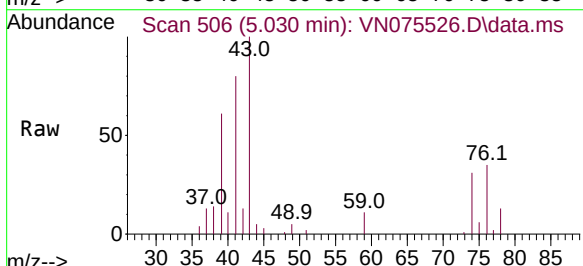
Tgt Ion: 41 Resp: 27621

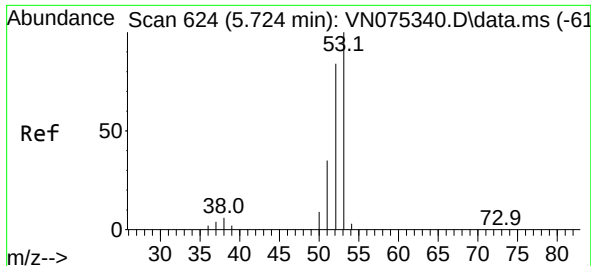
Ion Ratio Lower Upper

41 100

39 82.9 61.0 91.4

76 49.0 33.4 50.0

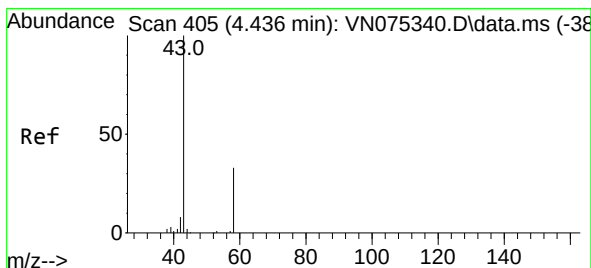
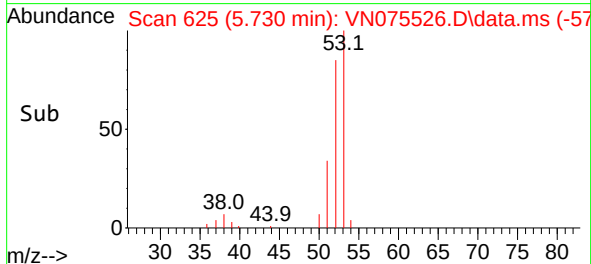
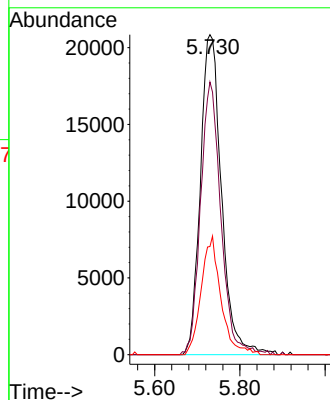
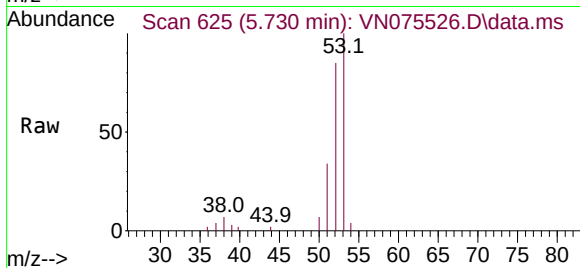




#15
Acrylonitrile
Concen: 97.778 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

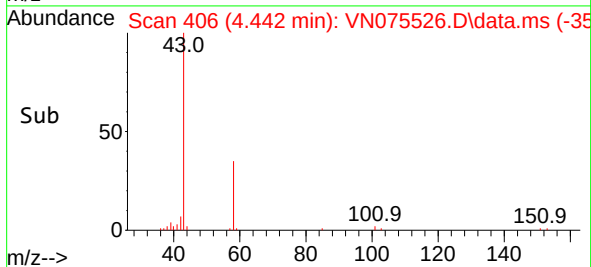
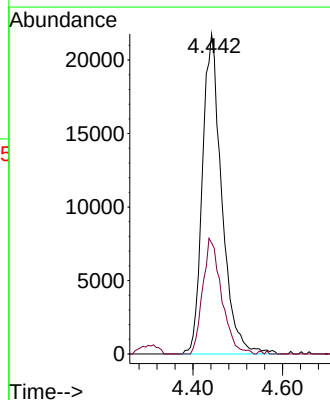
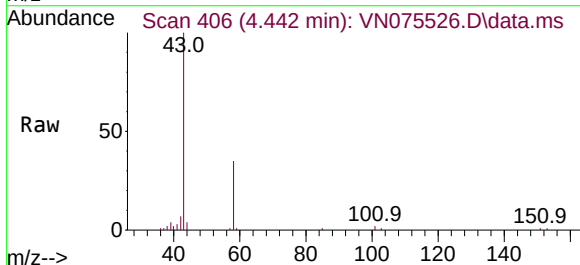
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

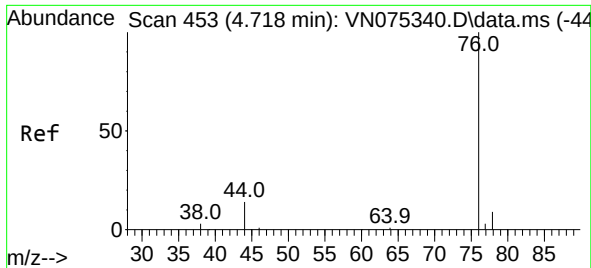
Tgt Ion: 53 Resp: 71957
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 34.6 29.6 44.4



#16
Acetone
Concen: 91.460 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 43 Resp: 65186
Ion Ratio Lower Upper
43 100
58 34.7 25.5 38.3

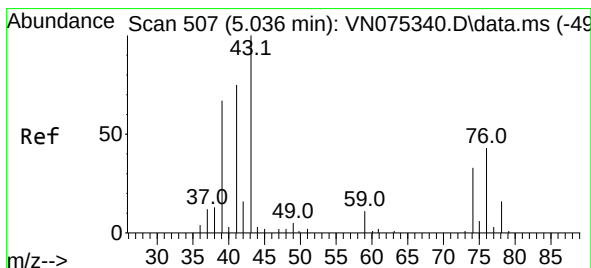
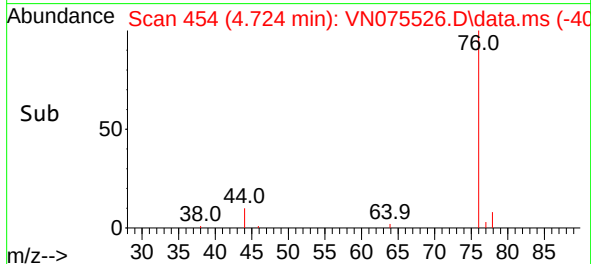
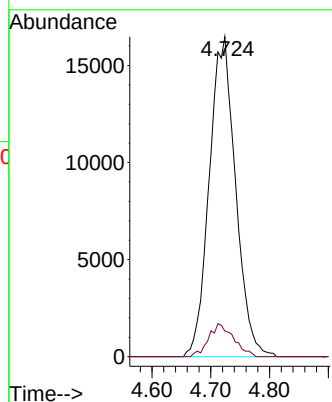
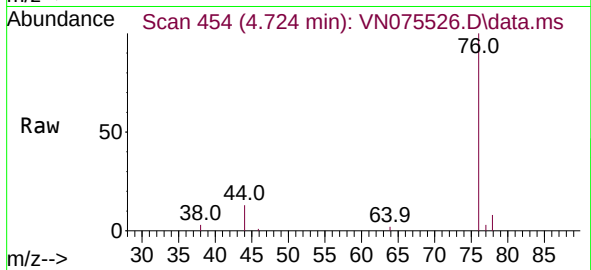




#17
Carbon Disulfide
Concen: 14.972 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

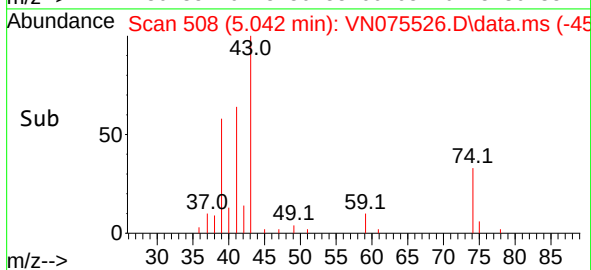
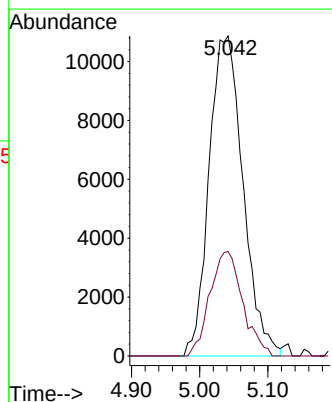
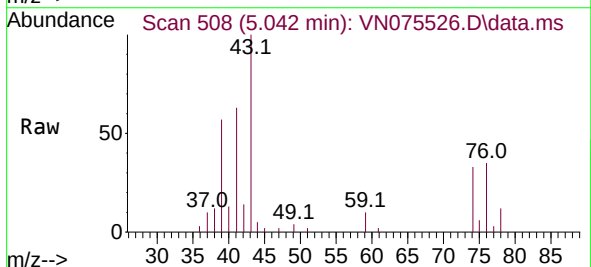
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

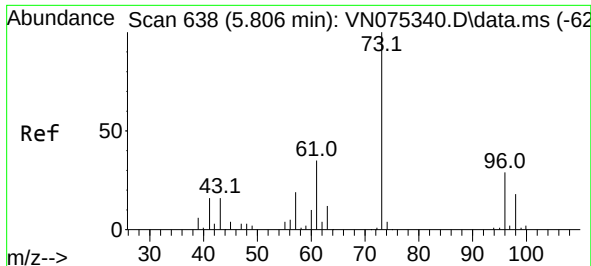
Tgt Ion: 76 Resp: 51291
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#18
Methyl Acetate
Concen: 20.180 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 43 Resp: 37647
Ion Ratio Lower Upper
43 100
74 31.5 22.0 33.0

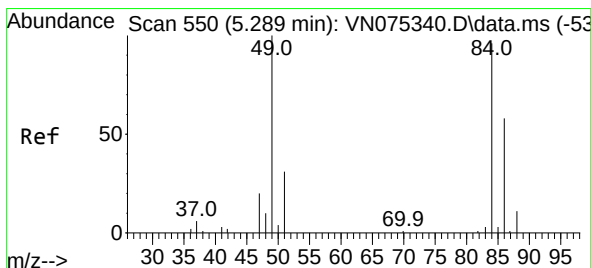
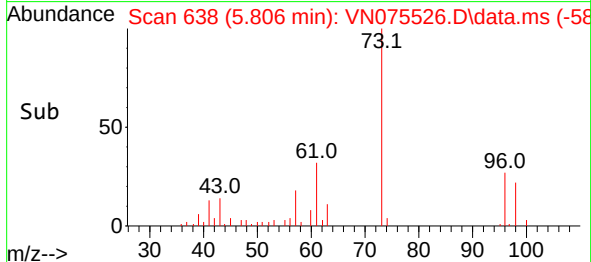
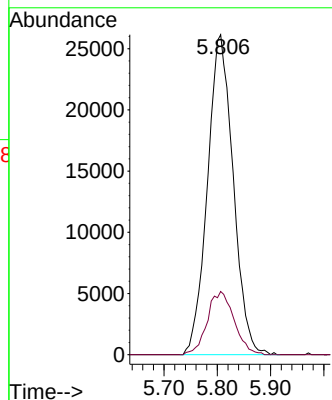
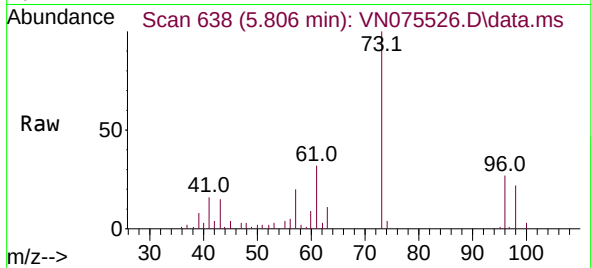




#19
Methyl tert-butyl Ether
Concen: 18.795 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

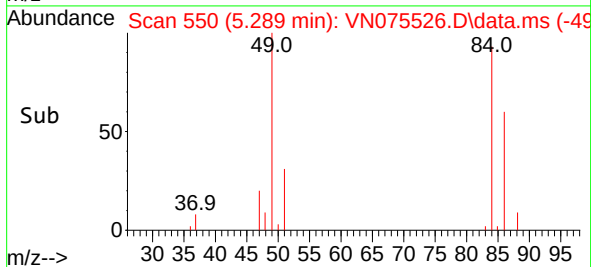
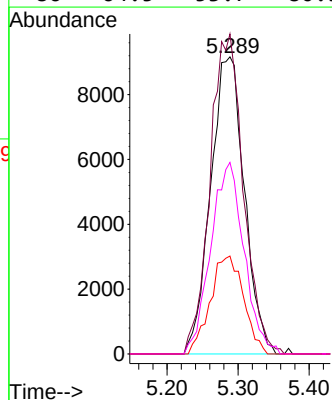
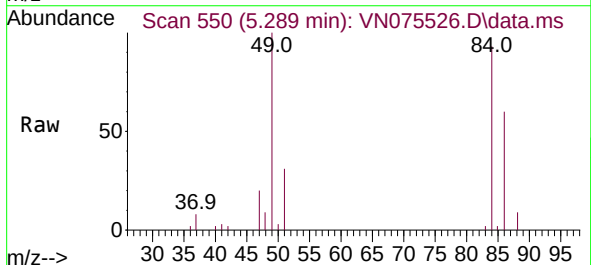
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

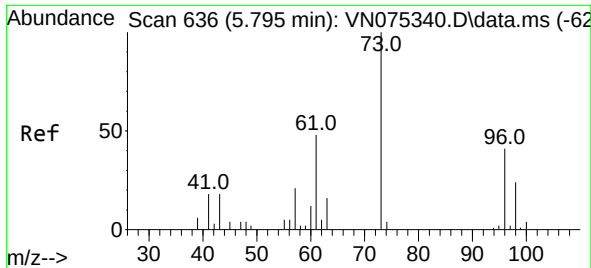
Tgt Ion: 73 Resp: 87770
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5



#20
Methylene Chloride
Concen: 20.163 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 84 Resp: 30244
Ion Ratio Lower Upper
84 100
49 107.7 94.9 142.3
51 33.0 26.8 40.2
86 64.5 53.7 80.5

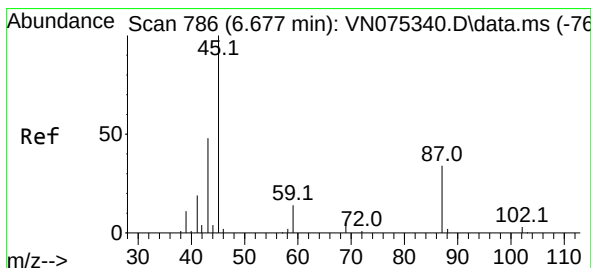
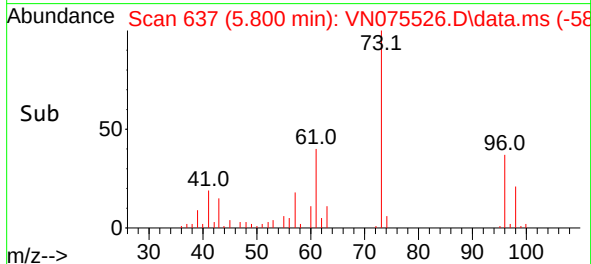
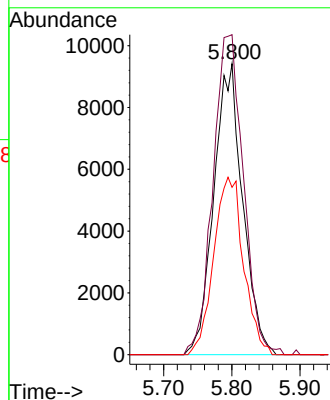
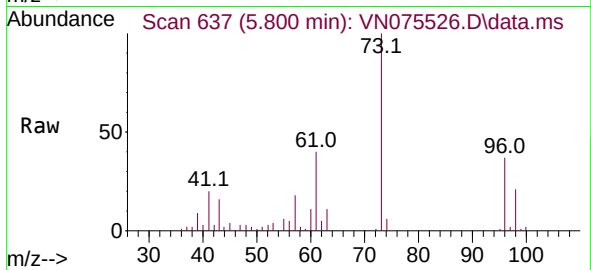




#21
trans-1,2-Dichloroethene
Concen: 18.496 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

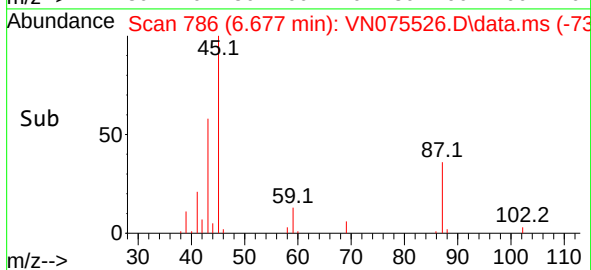
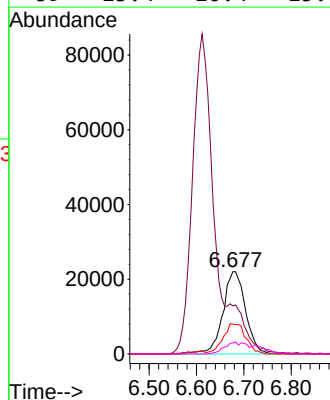
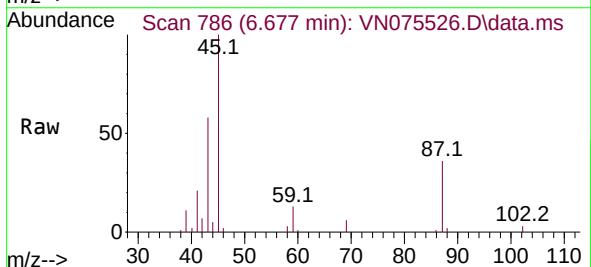
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

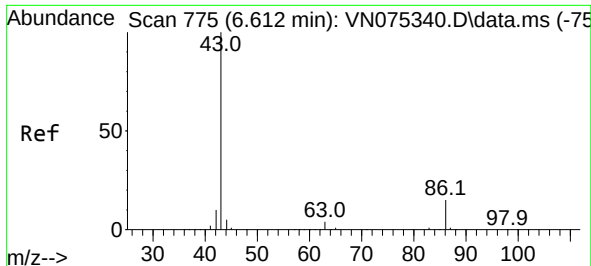
Tgt Ion: 96 Resp: 27786
Ion Ratio Lower Upper
96 100
61 109.9 99.9 149.9
98 57.5 51.5 77.3



#22
Diisopropyl ether
Concen: 18.797 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 45 Resp: 73142
Ion Ratio Lower Upper
45 100
43 56.8 42.8 64.2
87 36.3 28.4 42.6
59 13.4 10.4 15.6

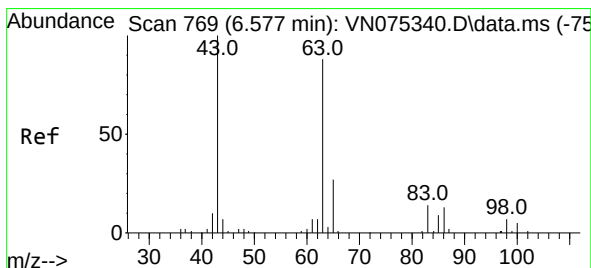
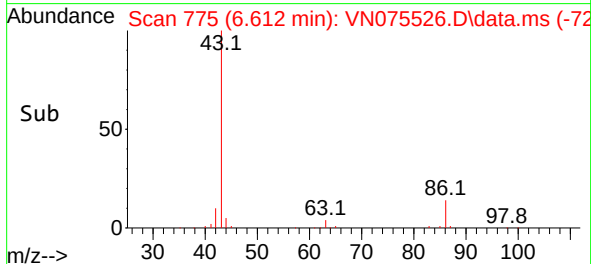
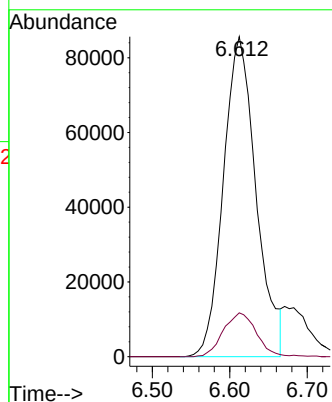
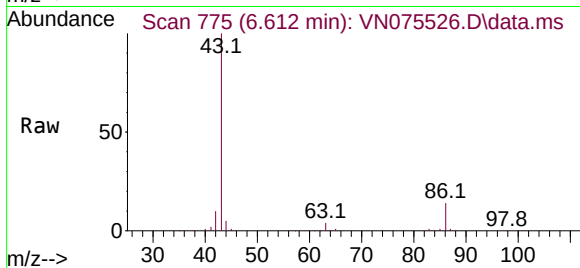




#23
 Vinyl Acetate
 Concen: 81.247 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

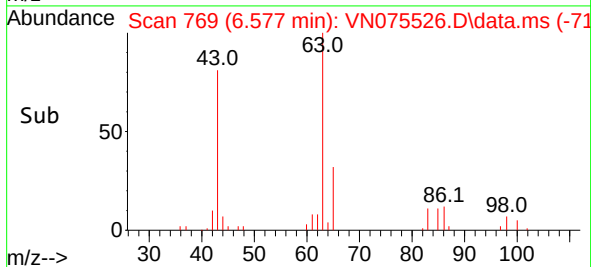
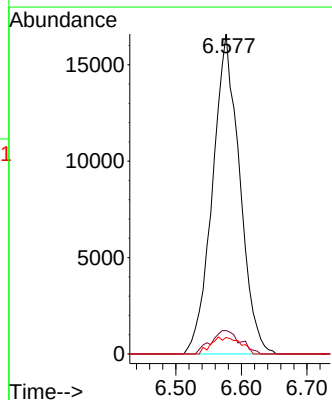
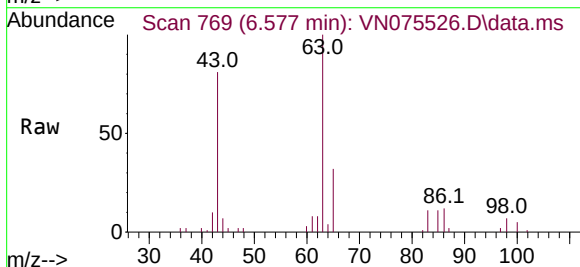
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

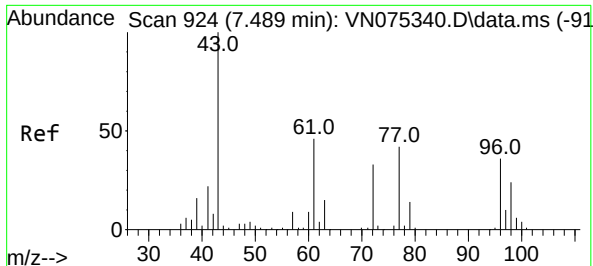
Tgt Ion: 43 Resp: 251513
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 19.043 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion: 63 Resp: 47561
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 89.841 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

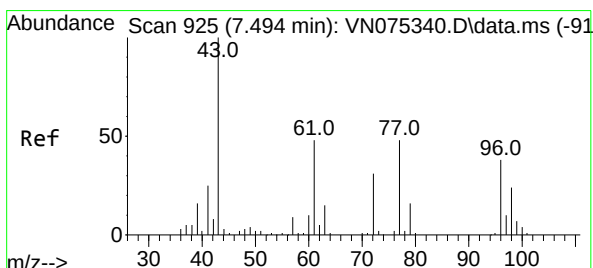
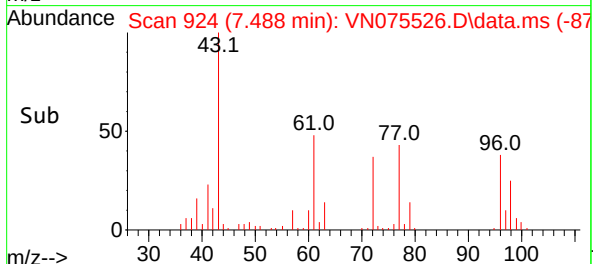
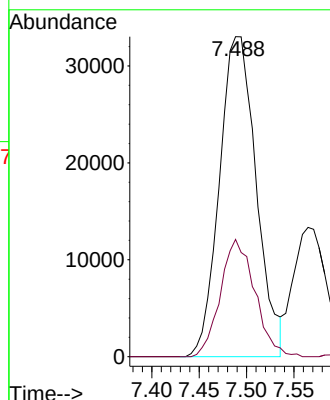
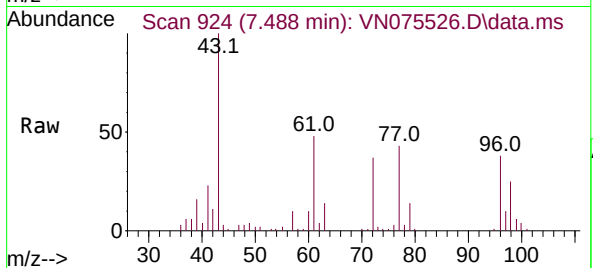
VN1202WBS01

Tgt Ion: 43 Resp: 89397

Ion Ratio Lower Upper

43 100

72 36.7 25.5 38.3



#26

2,2-Dichloropropane

Concen: 18.749 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075526.D

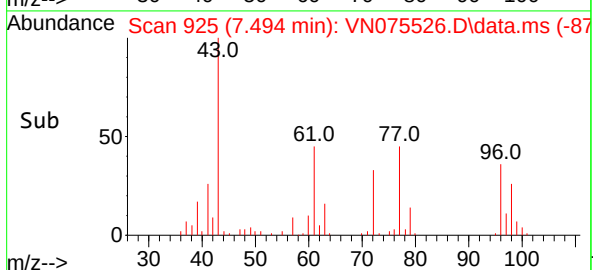
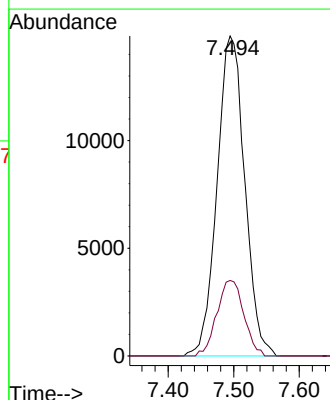
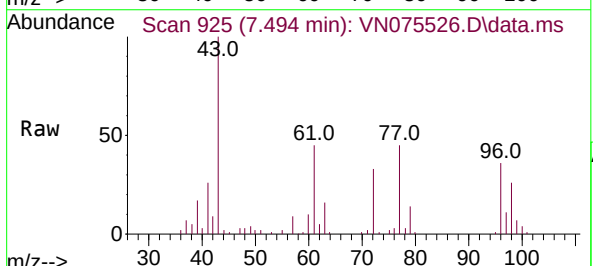
Acq: 02 Dec 2022 12:44

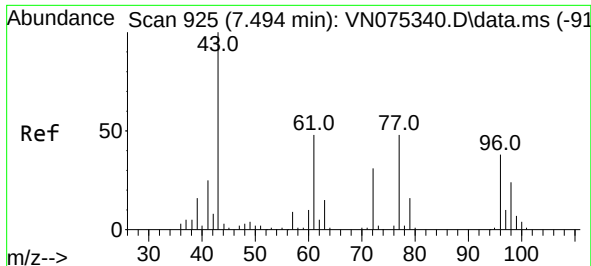
Tgt Ion: 77 Resp: 43520

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.378 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

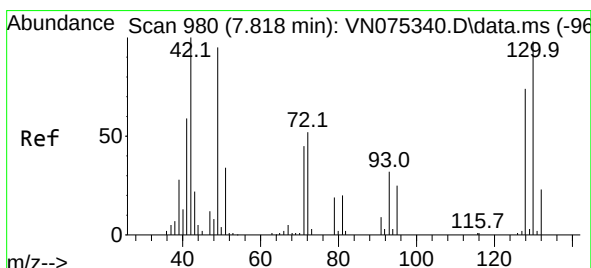
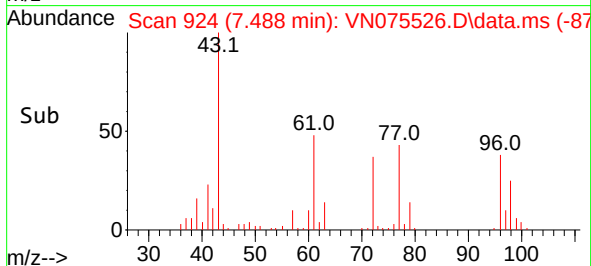
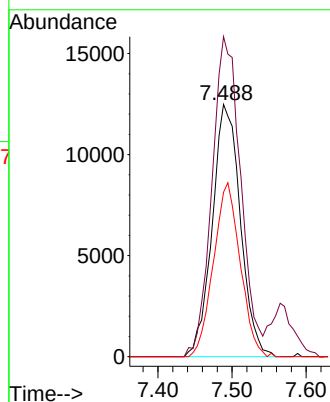
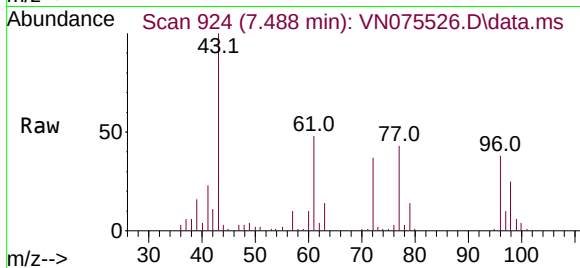
Tgt Ion: 96 Resp: 32918

Ion Ratio Lower Upper

96 100

61 129.4 0.0 278.8

98 65.5 0.0 128.4



#28

Bromochloromethane

Concen: 19.456 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

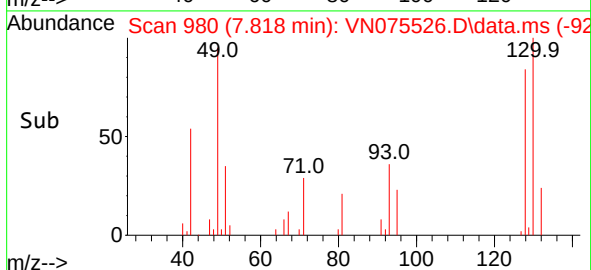
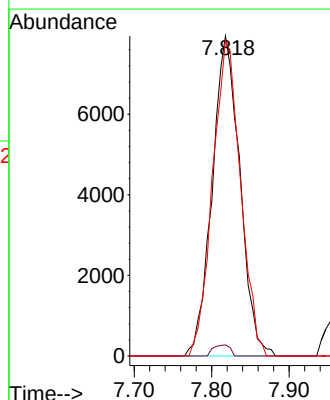
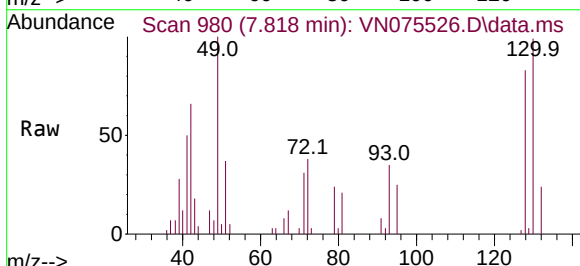
Tgt Ion: 49 Resp: 19725

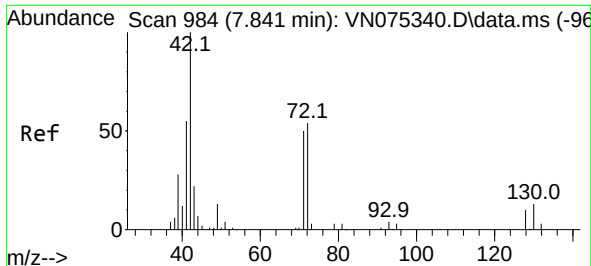
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 99.0 66.2 99.4





#29

Tetrahydrofuran

Concen: 91.534 ug/l

RT: 7.841 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

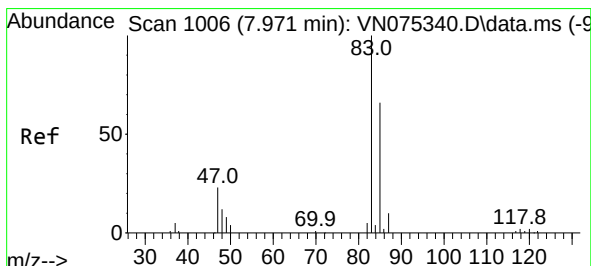
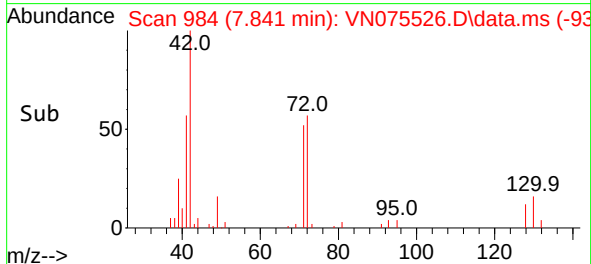
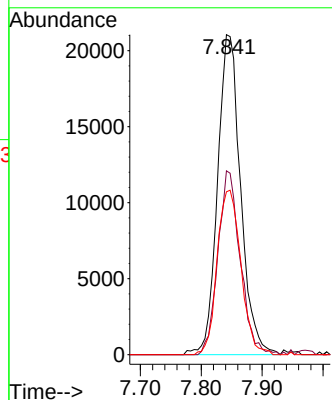
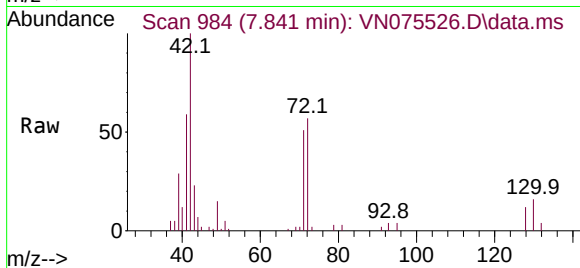
Tgt Ion: 42 Resp: 55402

Ion Ratio Lower Upper

42 100

72 55.4 43.0 64.6

71 53.0 39.9 59.9



#30

Chloroform

Concen: 18.955 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075526.D

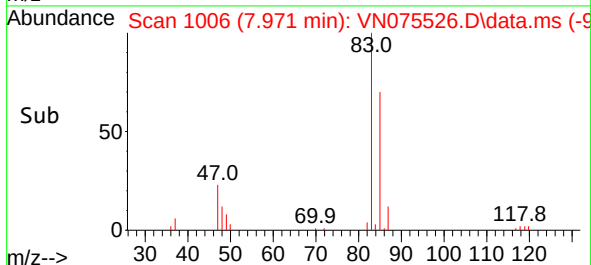
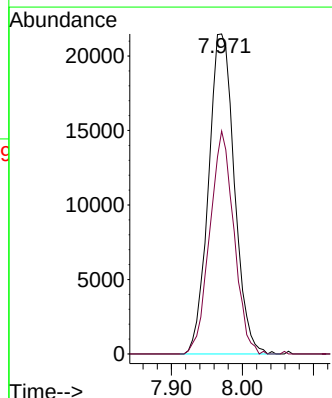
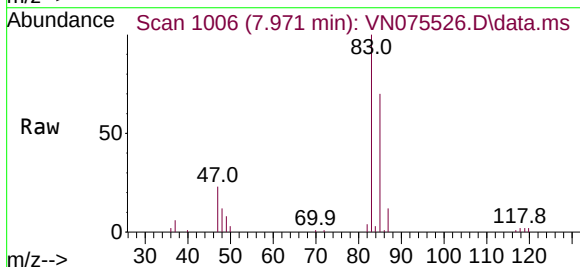
Acq: 02 Dec 2022 12:44

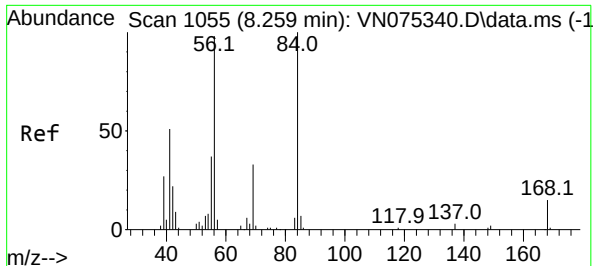
Tgt Ion: 83 Resp: 54368

Ion Ratio Lower Upper

83 100

85 69.6 51.4 77.0

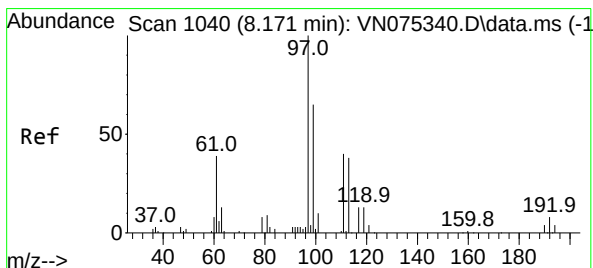
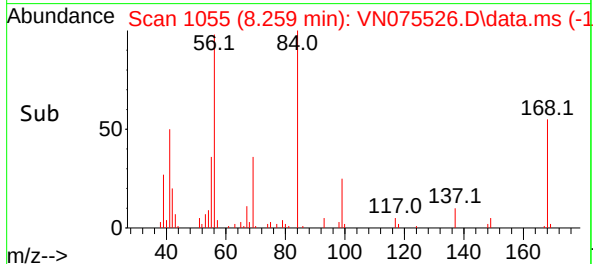
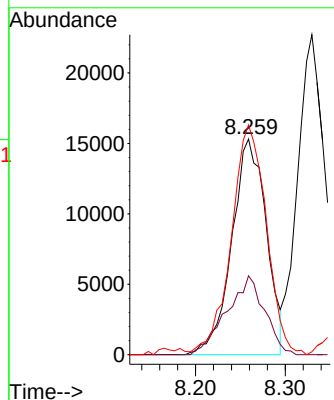
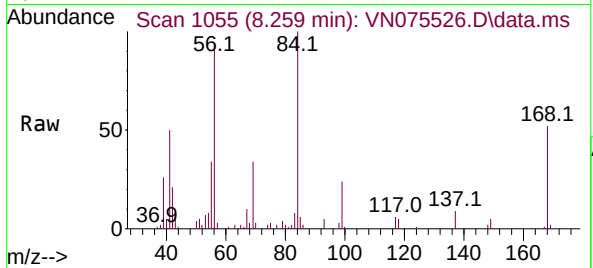




#31
Cyclohexane
Concen: 16.859 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

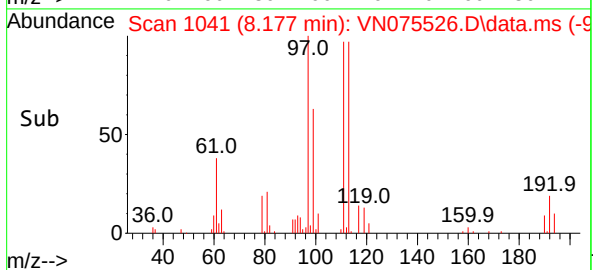
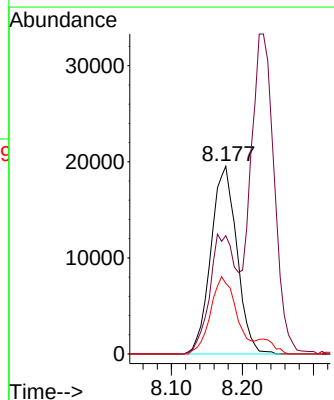
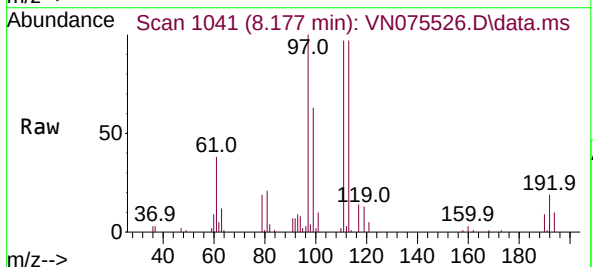
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

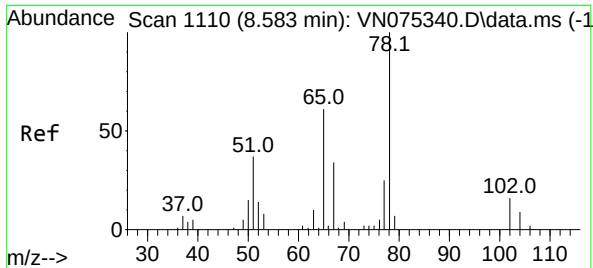
Tgt Ion: 56 Resp: 40929
Ion Ratio Lower Upper
56 100
69 36.5 25.2 37.8
84 103.6 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 19.030 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 97 Resp: 49560
Ion Ratio Lower Upper
97 100
99 63.0 50.2 75.2
61 41.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 50.495 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

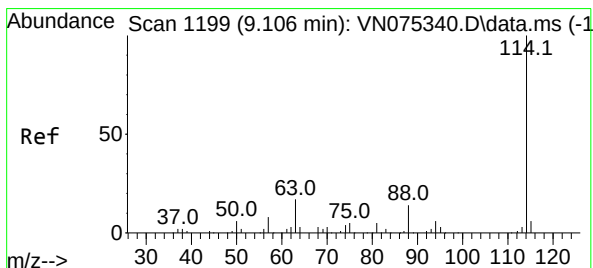
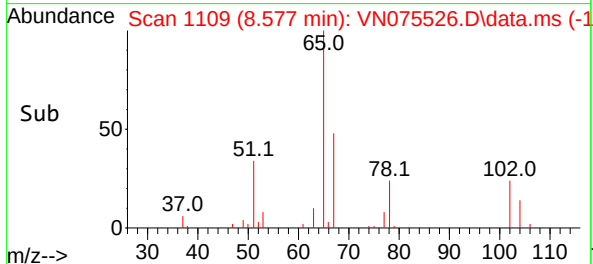
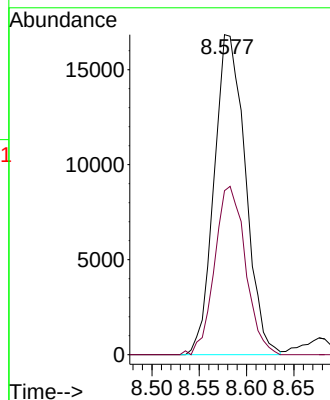
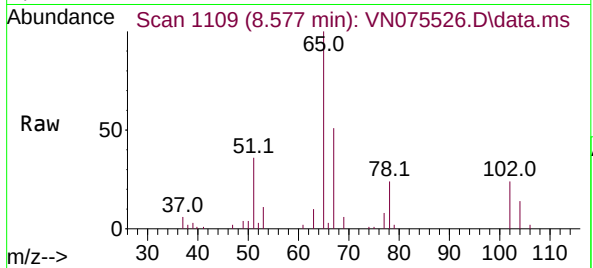
VN1202WBS01

Tgt Ion: 65 Resp: 38584

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

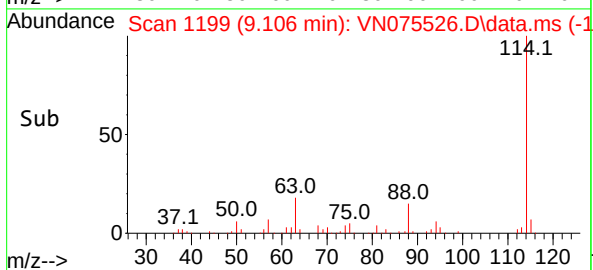
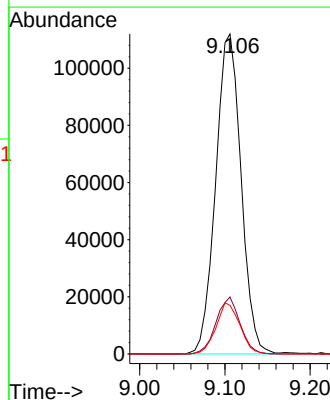
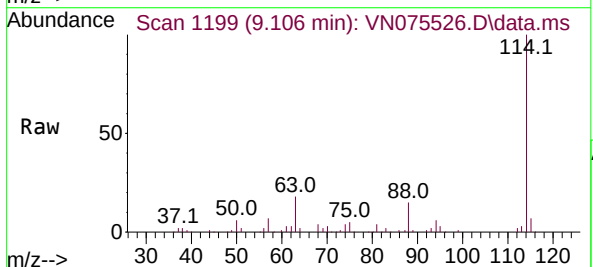
Tgt Ion: 114 Resp: 231884

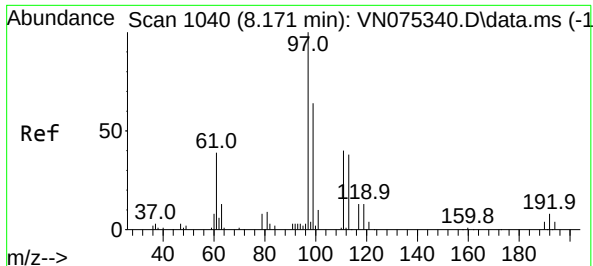
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.665 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

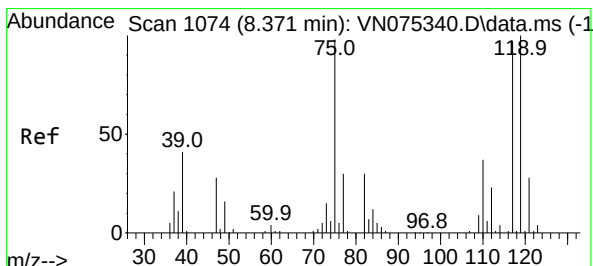
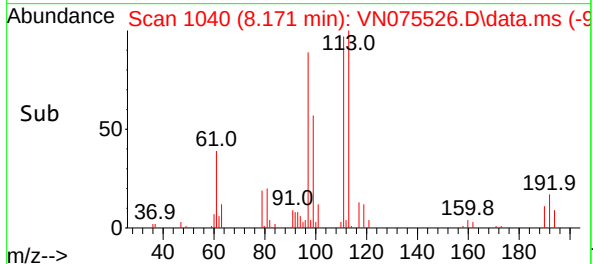
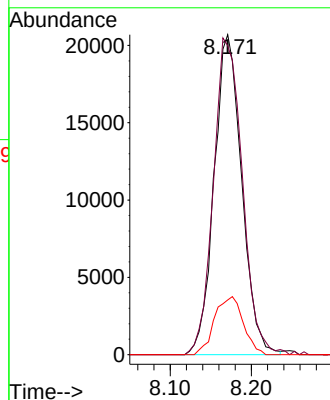
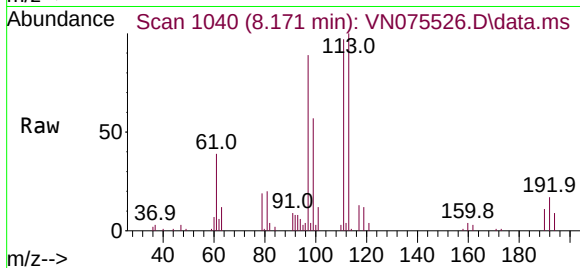
Tgt Ion:113 Resp: 48884

Ion Ratio Lower Upper

113 100

111 103.7 80.5 120.7

192 18.9 13.2 19.8



#36

1,1-Dichloropropene

Concen: 18.741 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

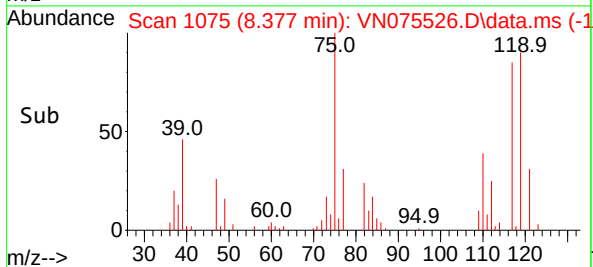
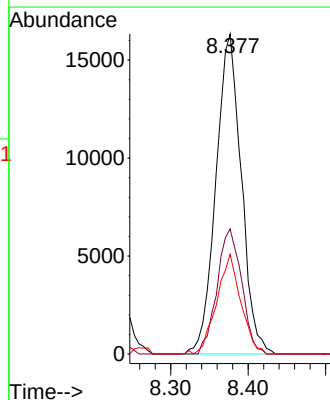
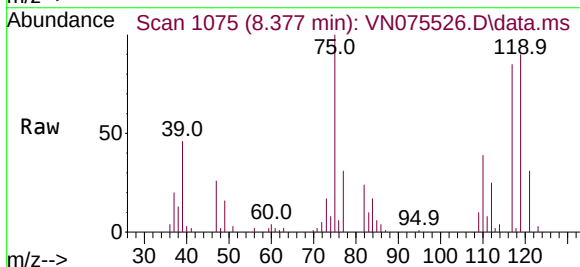
Tgt Ion: 75 Resp: 37228

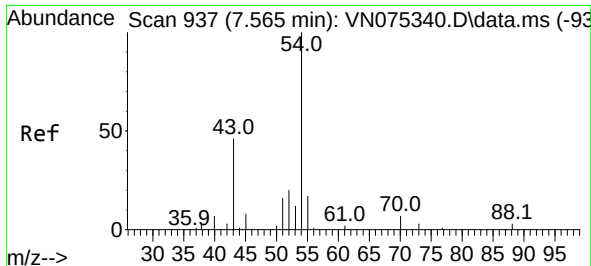
Ion Ratio Lower Upper

75 100

110 37.8 17.8 53.3

77 29.6 24.6 37.0

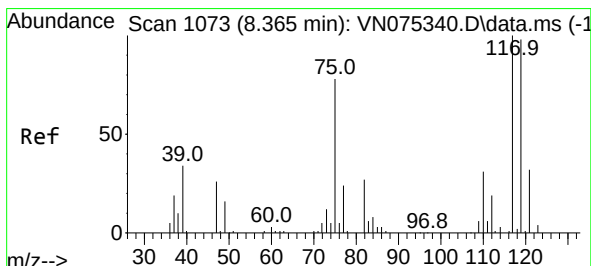
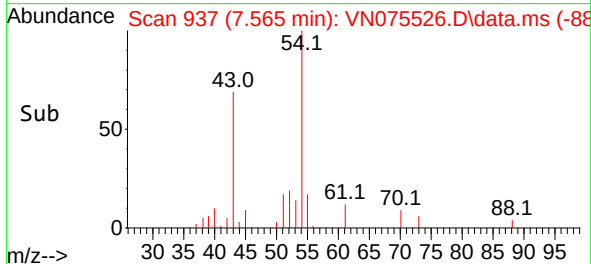
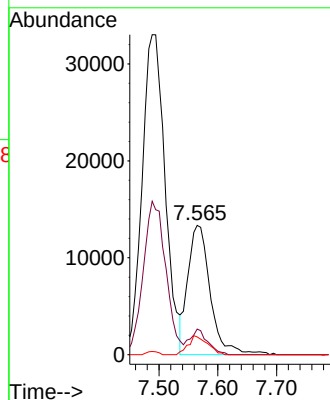
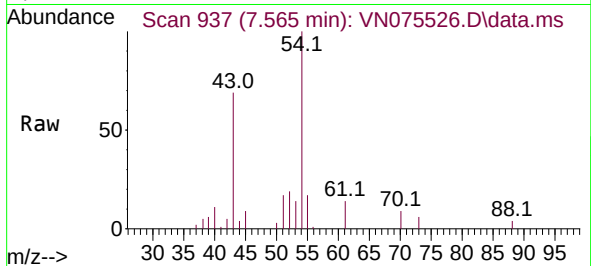




#37
Ethyl Acetate
Concen: 19.758 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

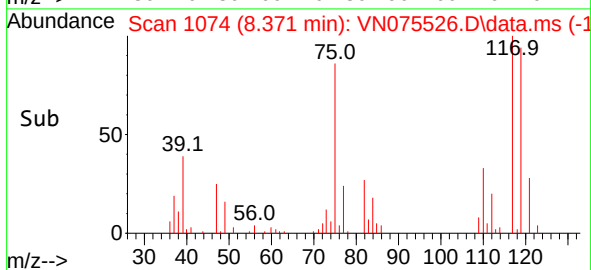
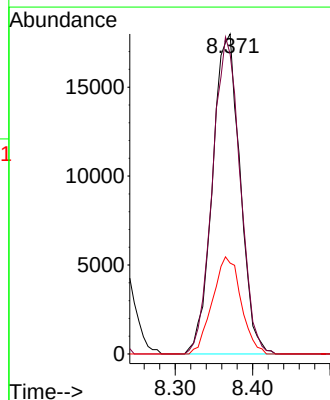
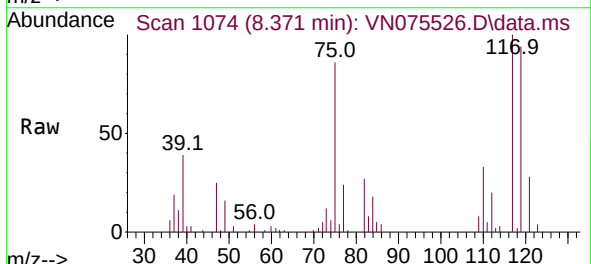
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

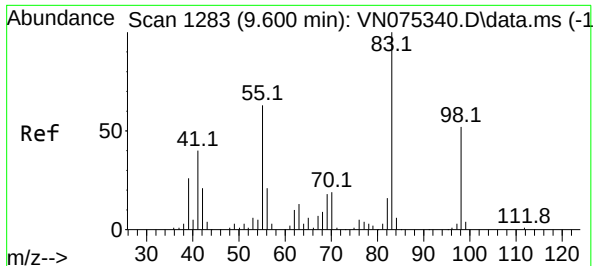
Tgt Ion: 43 Resp: 35341
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.361 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 117 Resp: 44432
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
121 28.4 23.9 35.9





#39

Methylcyclohexane

Concen: 18.301 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

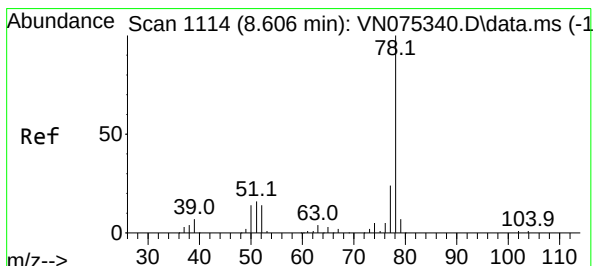
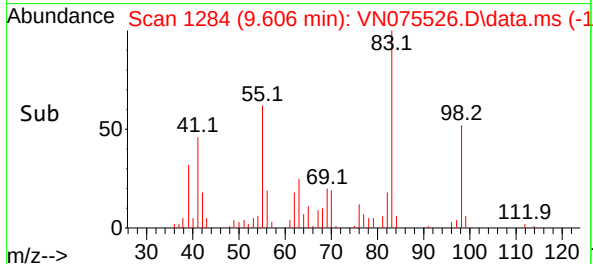
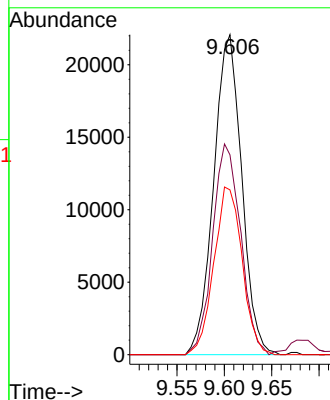
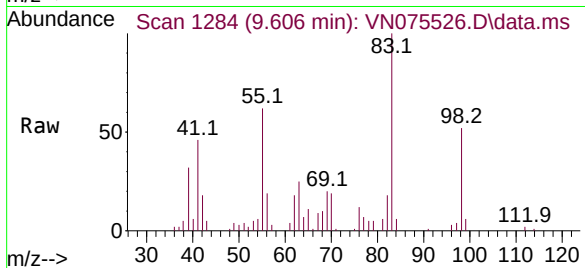
Tgt Ion: 83 Resp: 45500

Ion Ratio Lower Upper

83 100

55 62.4 53.6 80.4

98 51.5 41.1 61.7



#40

Benzene

Concen: 19.589 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075526.D

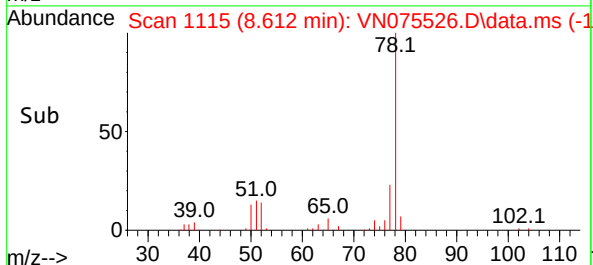
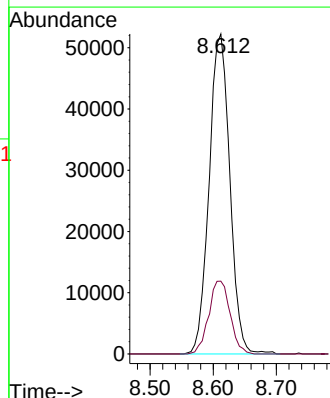
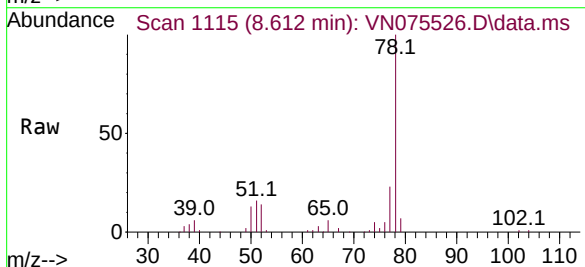
Acq: 02 Dec 2022 12:44

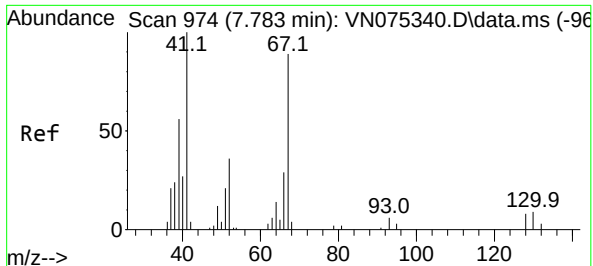
Tgt Ion: 78 Resp: 119141

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

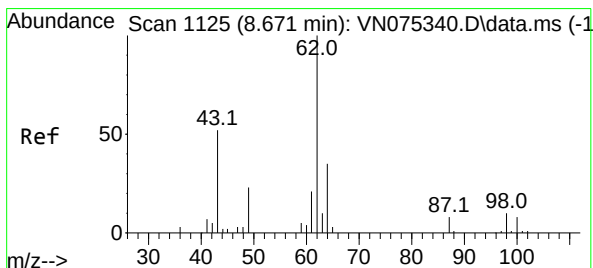
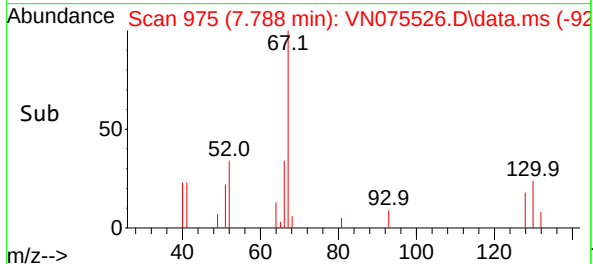
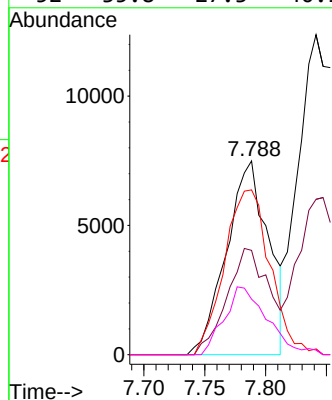
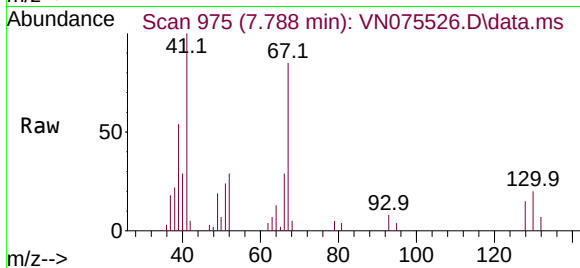




#41
Methacrylonitrile
Concen: 19.700 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

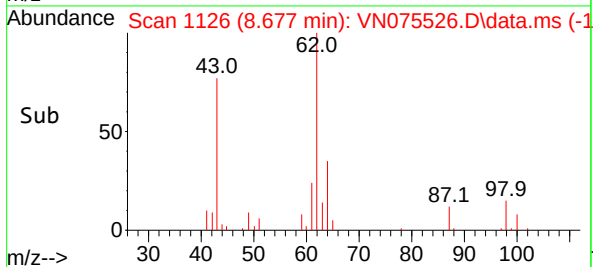
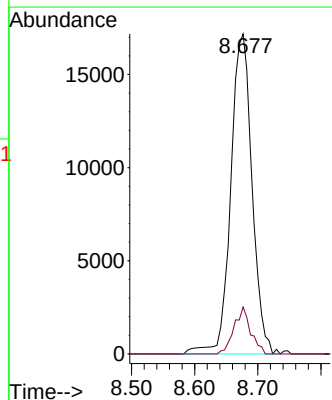
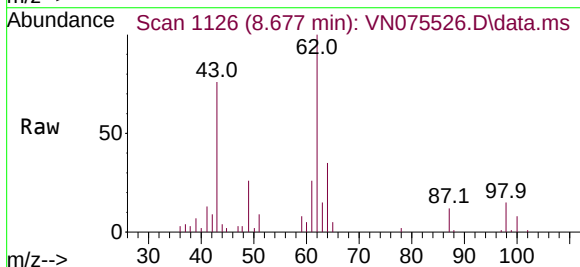
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

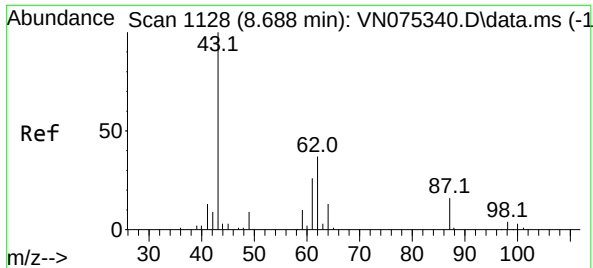
Tgt Ion: 41	Resp: 18015
Ion Ratio	Lower Upper
41 100	
39 54.6	44.4 66.6
67 92.4	69.8 104.6
52 35.8	27.3 40.9



#42
1,2-Dichloroethane
Concen: 19.756 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 62	Resp: 40242
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 18.2





#43

Isopropyl Acetate

Concen: 19.226 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

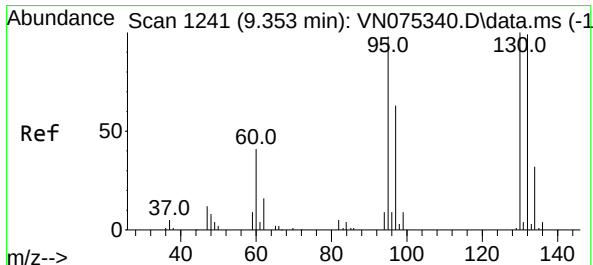
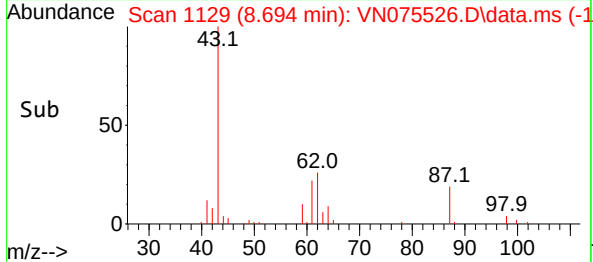
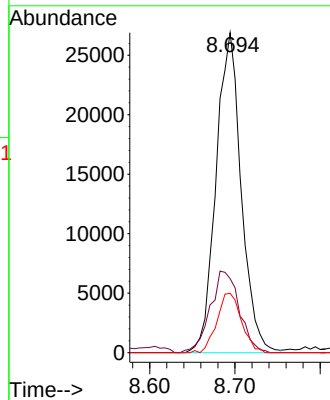
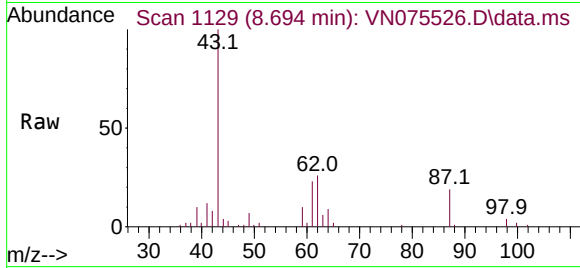
Tgt Ion: 43 Resp: 55200

Ion Ratio Lower Upper

43 100

61 29.4 22.4 33.6

87 18.1 12.5 18.7



#44

Trichloroethene

Concen: 18.990 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075526.D

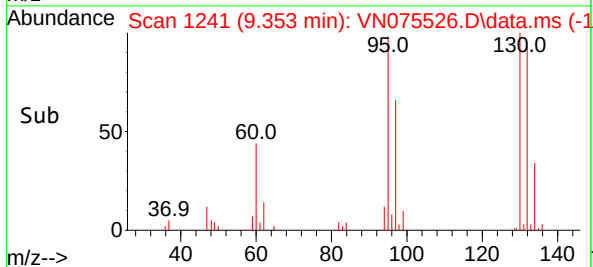
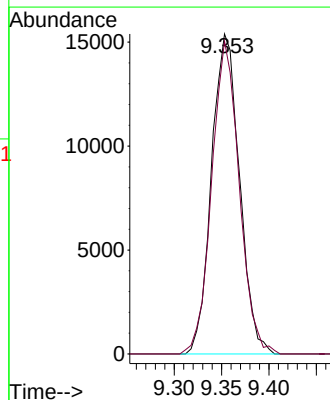
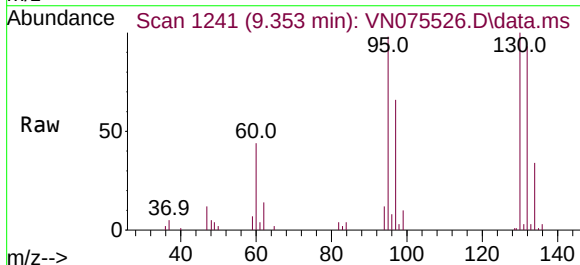
Acq: 02 Dec 2022 12:44

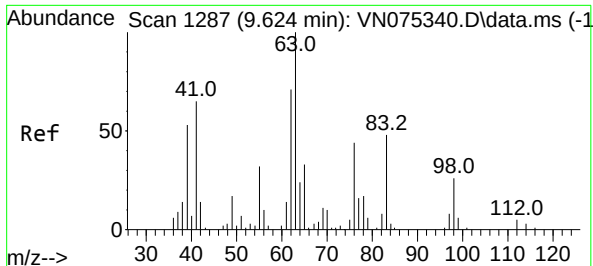
Tgt Ion:130 Resp: 31603

Ion Ratio Lower Upper

130 100

95 97.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.956 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

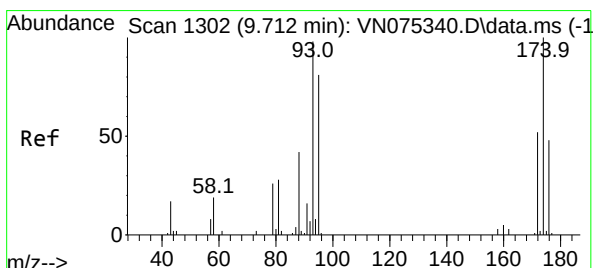
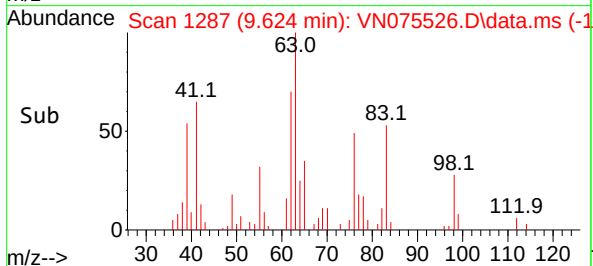
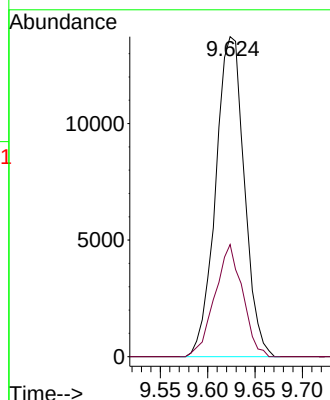
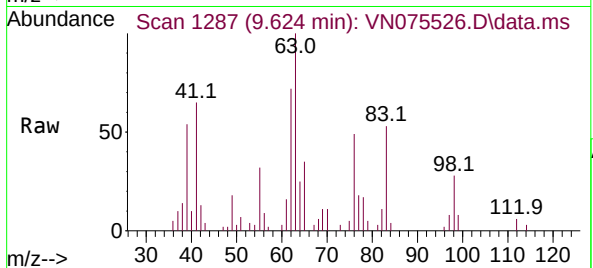
VN1202WBS01

Tgt Ion: 63 Resp: 28924

Ion Ratio Lower Upper

63 100

65 35.1 26.1 39.1



#46

Dibromomethane

Concen: 19.704 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

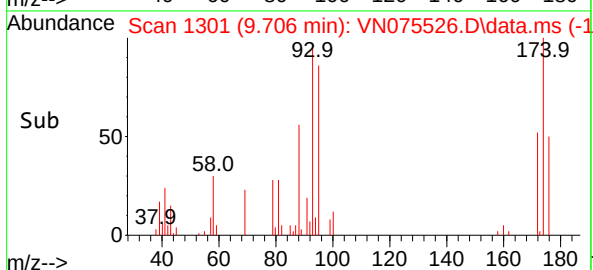
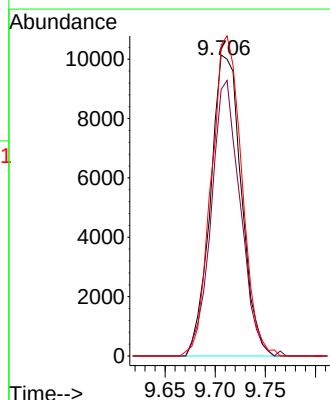
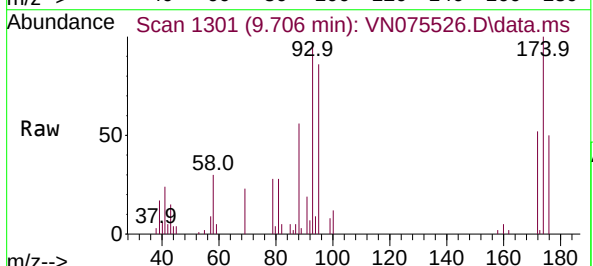
Tgt Ion: 93 Resp: 21601

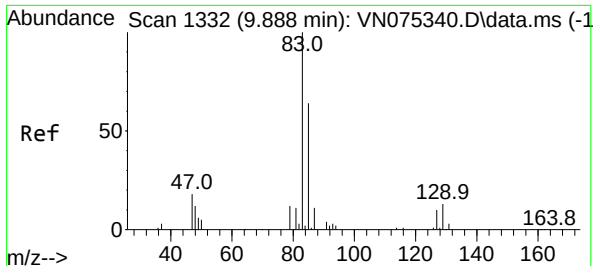
Ion Ratio Lower Upper

93 100

95 86.1 66.6 99.8

174 105.0 70.3 105.5





#47

Bromodichloromethane

Concen: 19.938 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

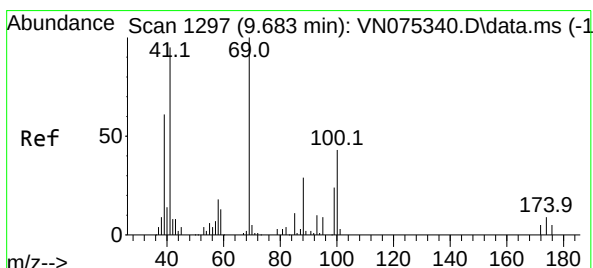
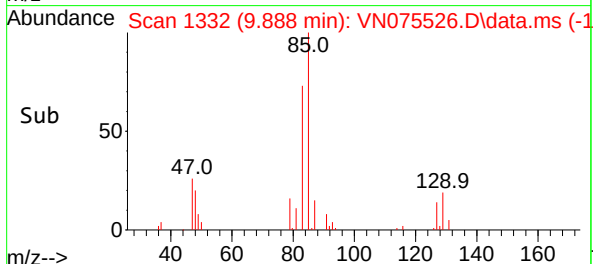
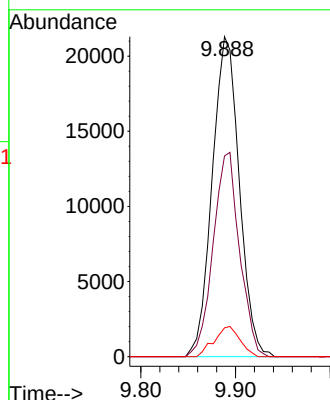
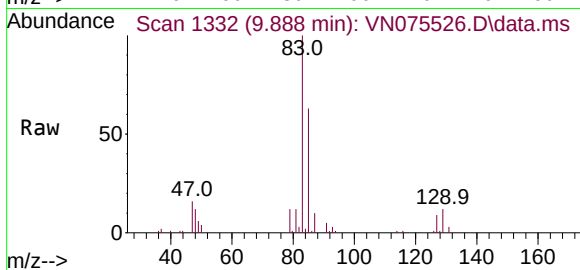
Tgt Ion: 83 Resp: 42329

Ion Ratio Lower Upper

83 100

85 62.7 52.1 78.1

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 18.922 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.001 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

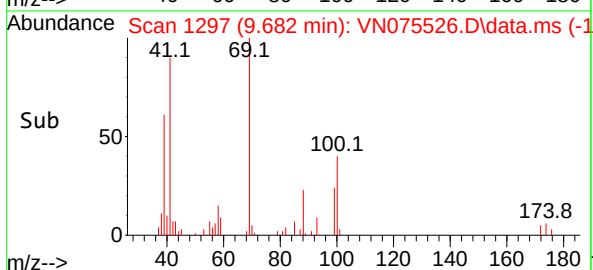
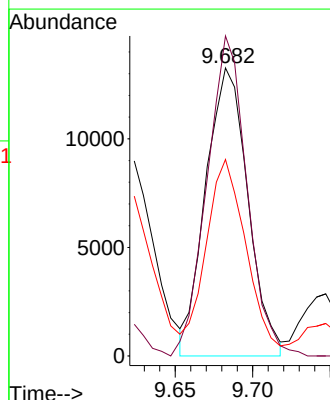
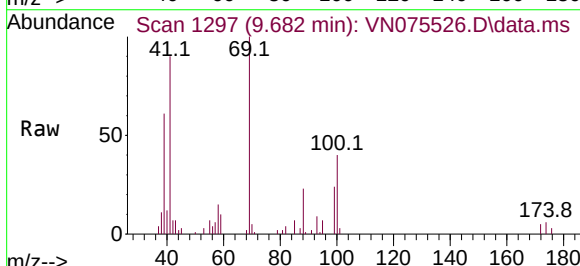
Tgt Ion: 41 Resp: 25120

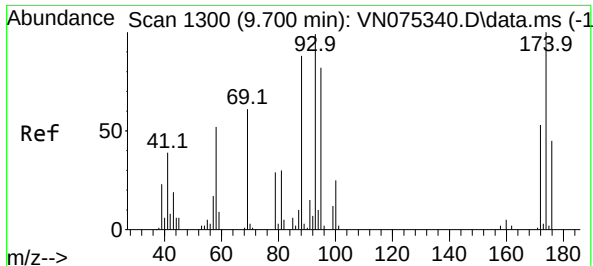
Ion Ratio Lower Upper

41 100

69 105.1 80.2 120.2

39 65.5 56.2 84.2





#49

1,4-Dioxane

Concen: 367.189 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

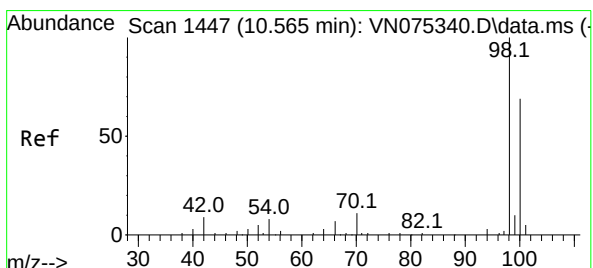
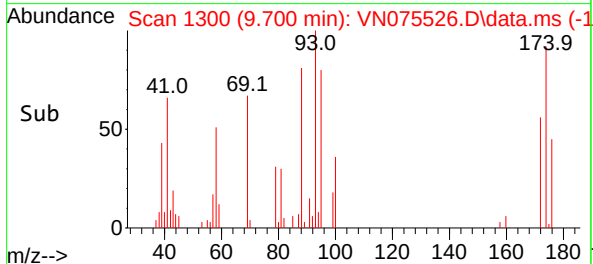
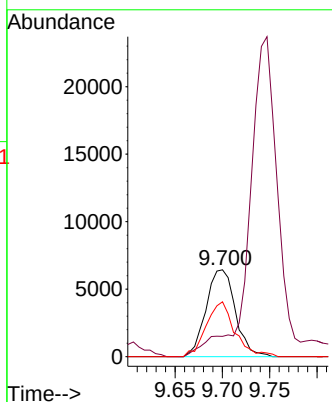
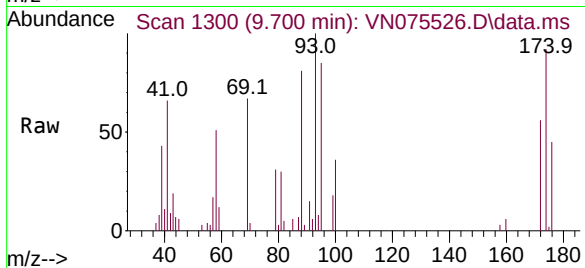
Tgt Ion: 88 Resp: 13842

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 61.7 49.8 74.8



#50

Toluene-d8

Concen: 52.301 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075526.D

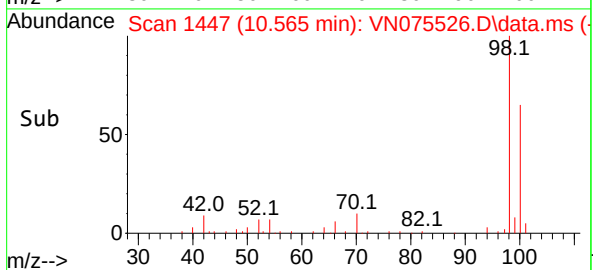
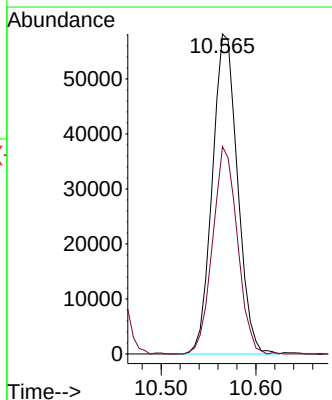
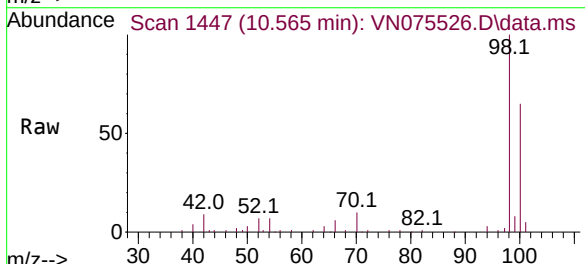
Acq: 02 Dec 2022 12:44

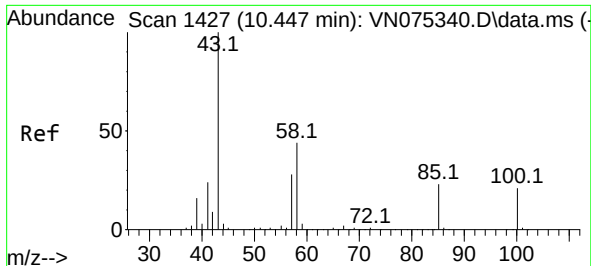
Tgt Ion: 98 Resp: 107303

Ion Ratio Lower Upper

98 100

100 63.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 97.852 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

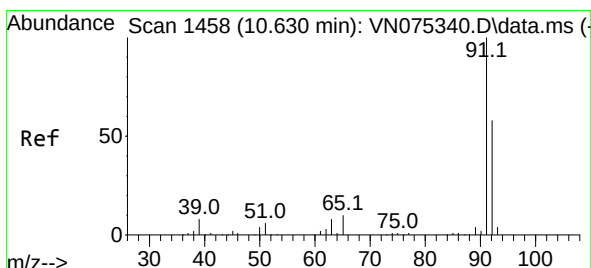
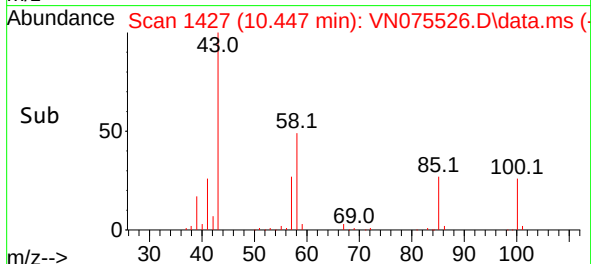
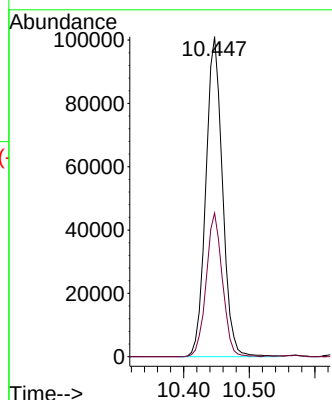
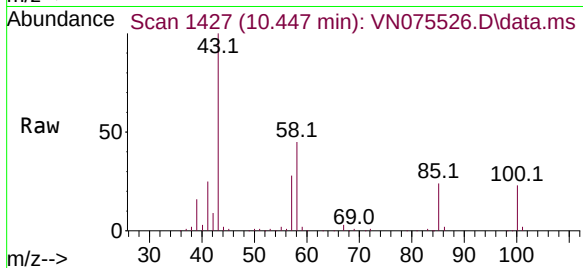
VN1202WBS01

Tgt Ion: 43 Resp: 178937

Ion Ratio Lower Upper

43 100

58 43.6 33.6 50.4



#52

Toluene

Concen: 19.996 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.005 min

Lab File: VN075526.D

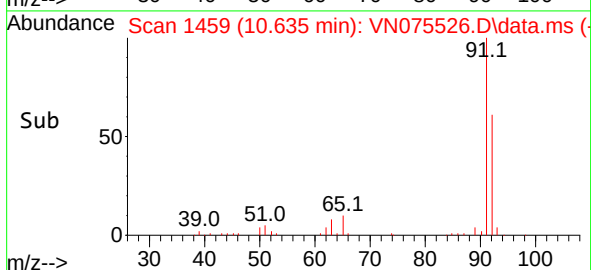
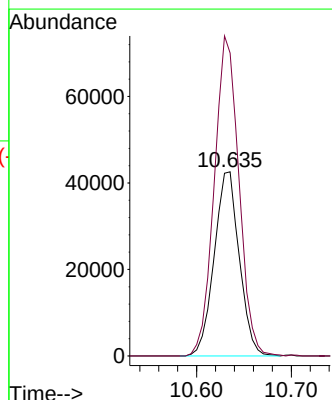
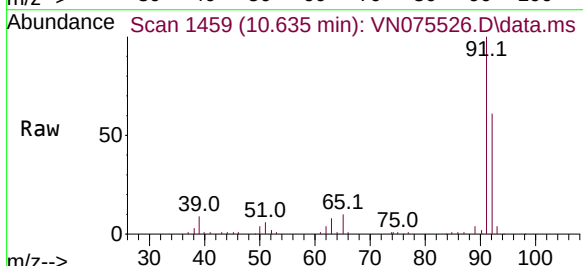
Acq: 02 Dec 2022 12:44

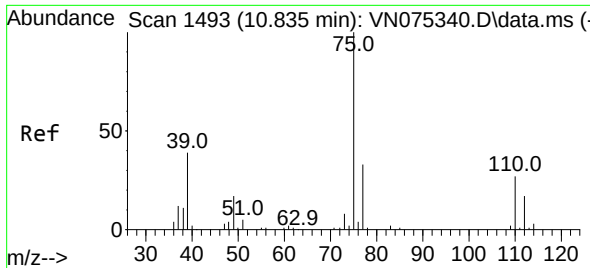
Tgt Ion: 92 Resp: 78370

Ion Ratio Lower Upper

92 100

91 170.7 135.4 203.2

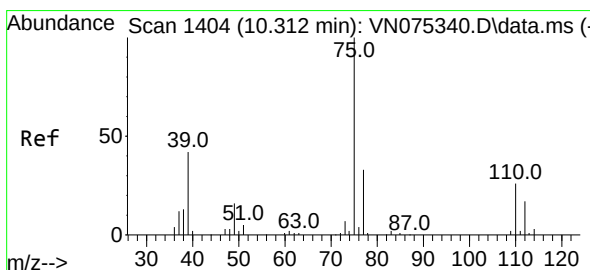
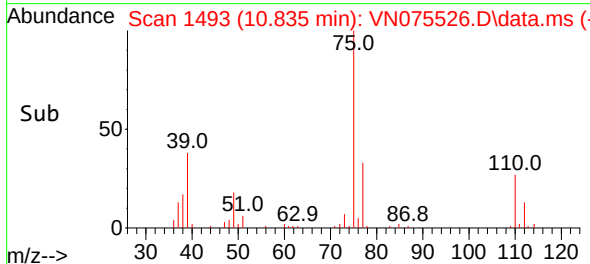
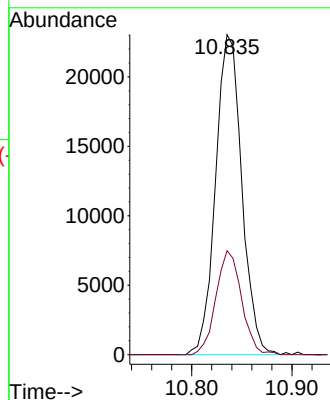
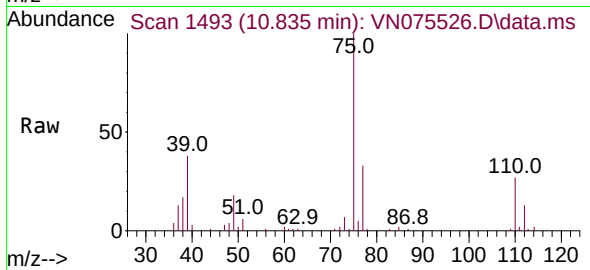




#53
 t-1,3-Dichloropropene
 Concen: 19.607 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

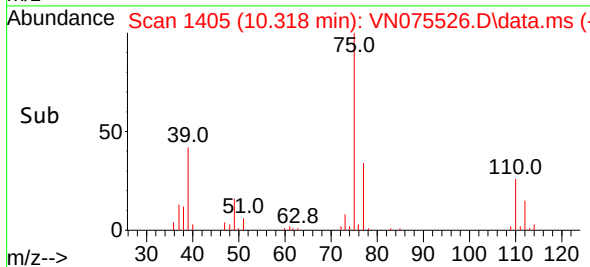
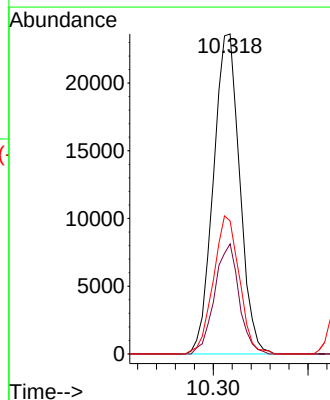
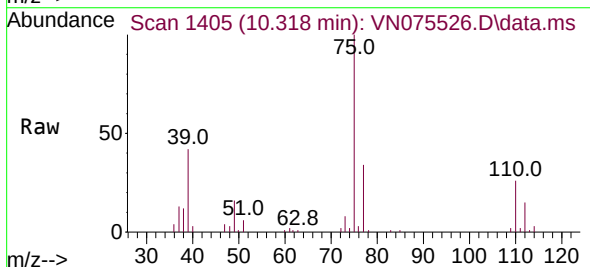
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

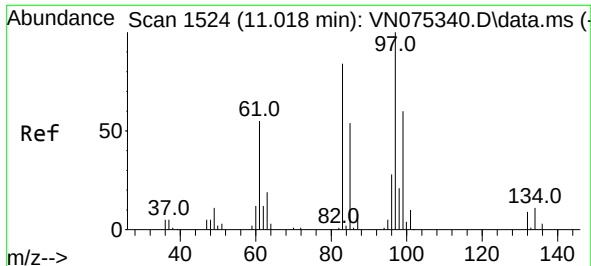
Tgt Ion: 75 Resp: 41790
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.676 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion: 75 Resp: 45546
 Ion Ratio Lower Upper
 75 100
 77 34.4 23.7 35.5
 39 41.5 35.8 53.6

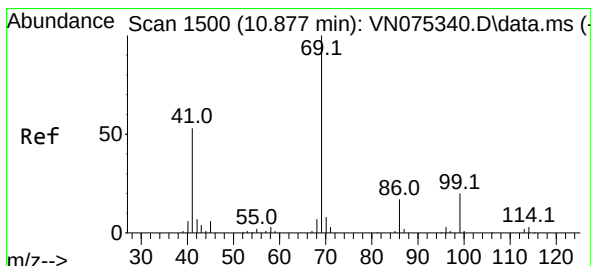
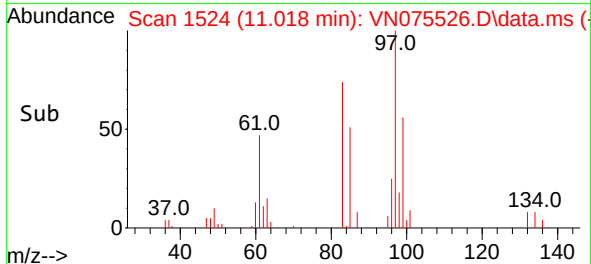
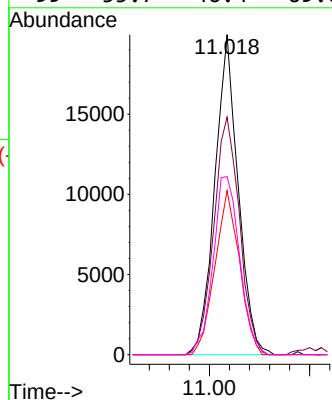
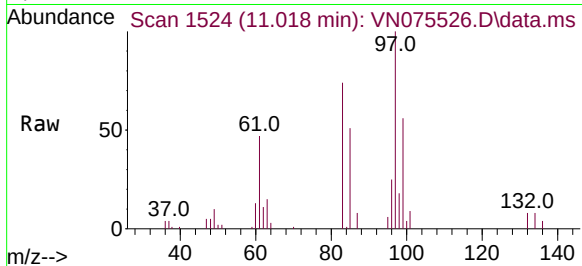




#55
1,1,2-Trichloroethane
Concen: 20.197 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

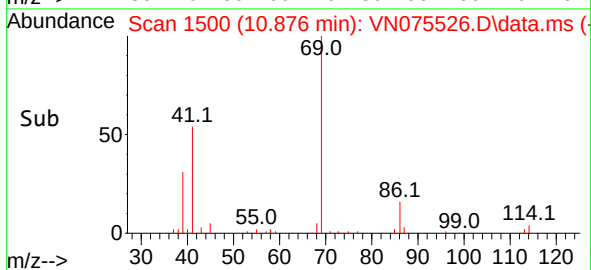
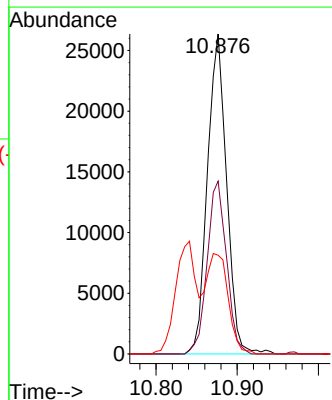
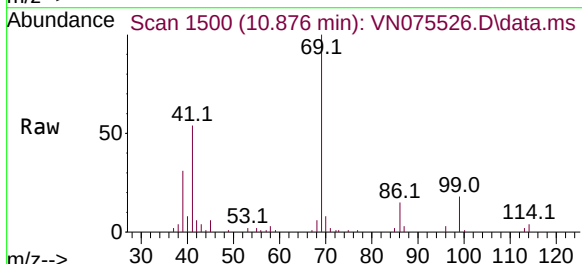
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

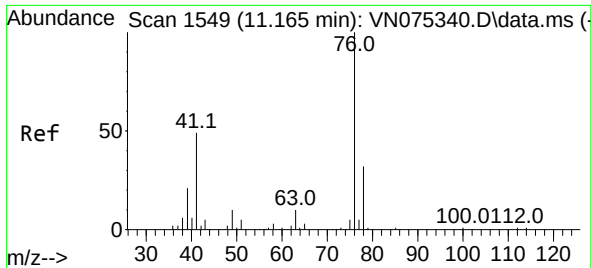
Tgt Ion: 97	Resp: 32241
Ion Ratio	Lower Upper
97 100	
83 74.2	65.9 98.9
85 51.2	40.4 60.6
99 55.7	46.4 69.6



#56
Ethyl methacrylate
Concen: 20.042 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 69	Resp: 43207
Ion Ratio	Lower Upper
69 100	
41 54.5	45.6 68.4
39 37.0	28.5 42.7





#57

1,3-Dichloropropane

Concen: 19.987 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

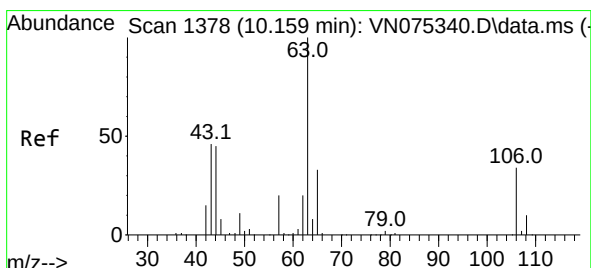
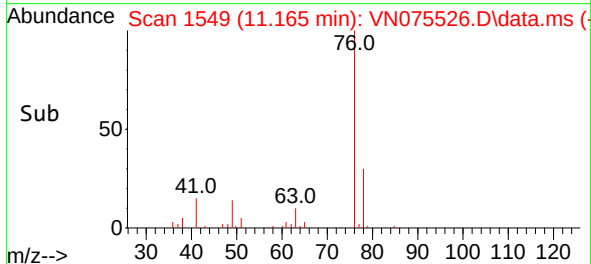
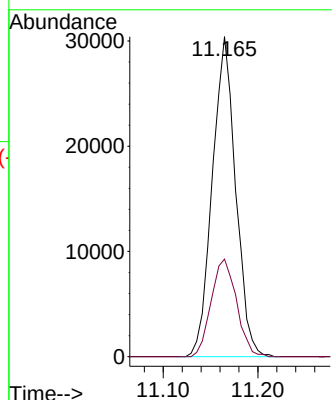
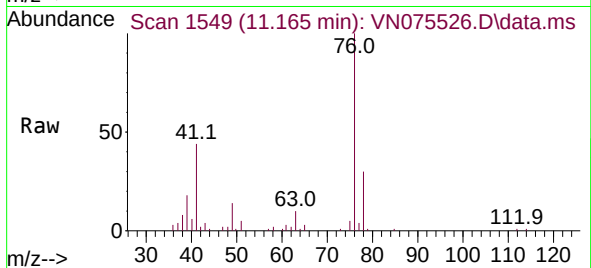
VN1202WBS01

Tgt Ion: 76 Resp: 52023

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.578 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075526.D

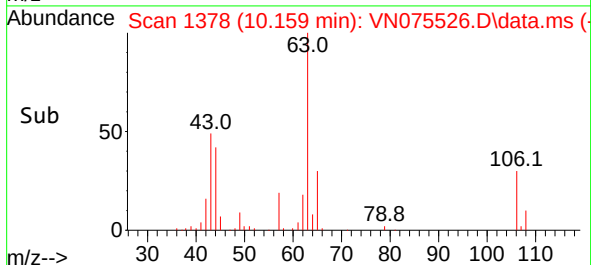
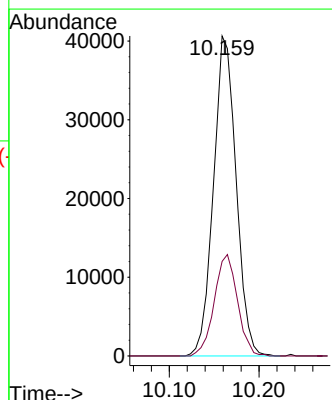
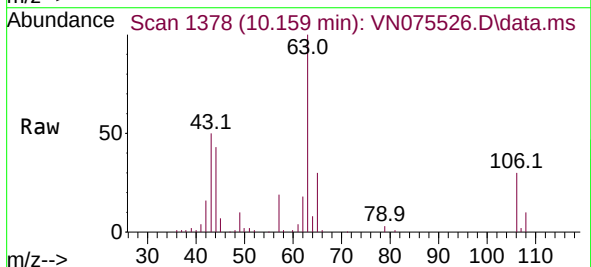
Acq: 02 Dec 2022 12:44

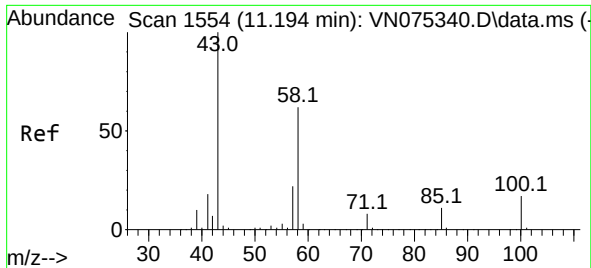
Tgt Ion: 63 Resp: 71202

Ion Ratio Lower Upper

63 100

106 32.5 24.8 37.2

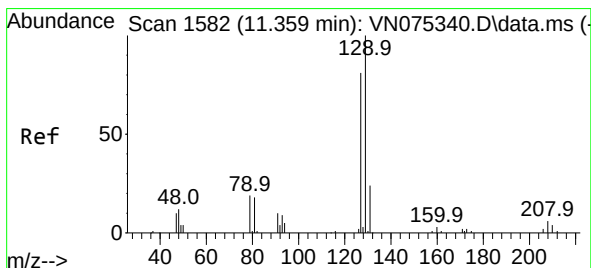
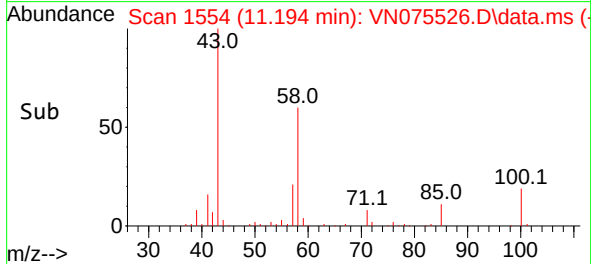
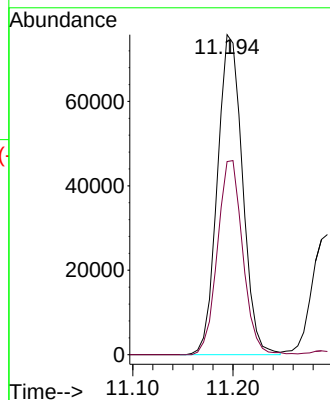
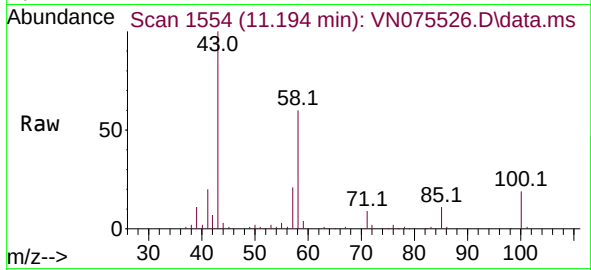




#59
2-Hexanone
Concen: 96.127 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

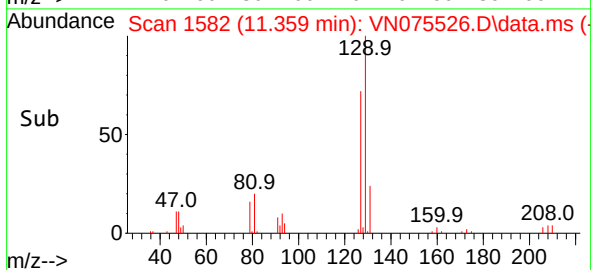
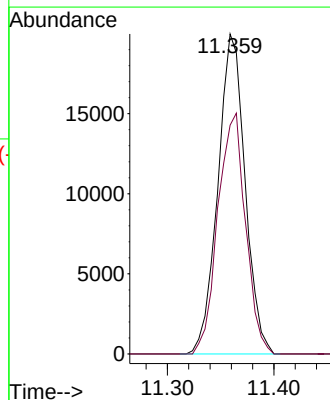
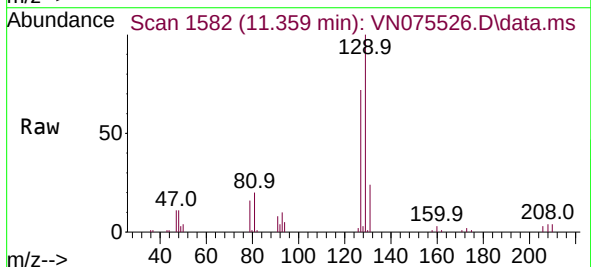
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

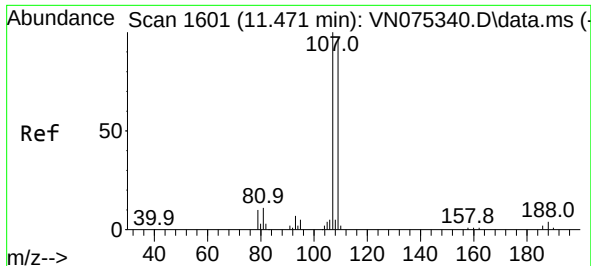
Tgt Ion: 43 Resp: 131996
Ion Ratio Lower Upper
43 100
58 61.0 29.6 88.8



#60
Dibromochloromethane
Concen: 21.593 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 129 Resp: 35381
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

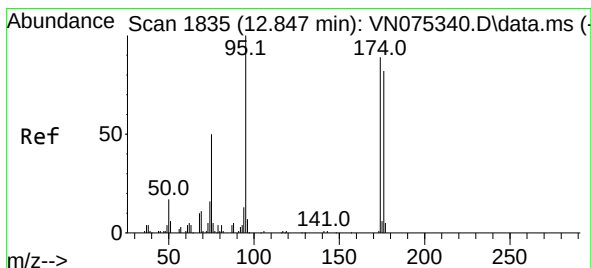
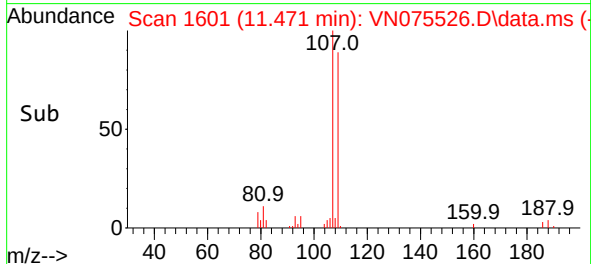
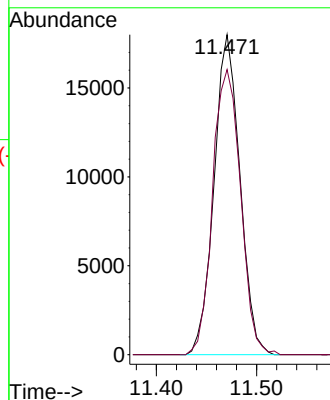
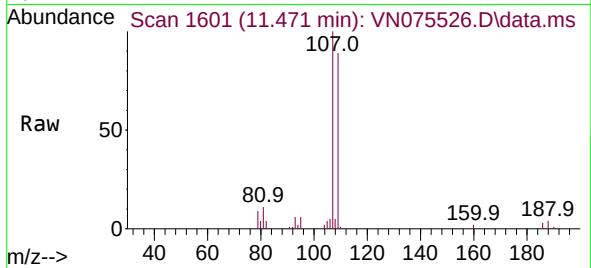




#61
1,2-Dibromoethane
Concen: 19.506 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

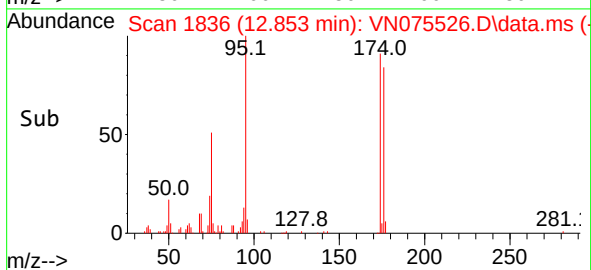
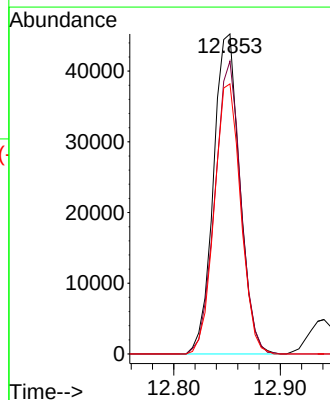
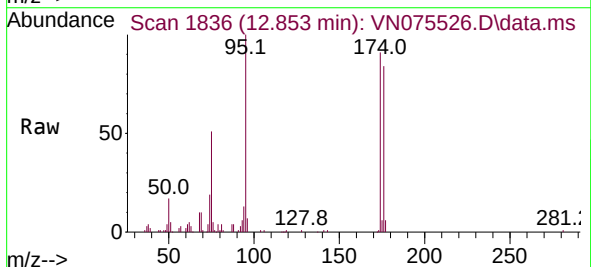
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

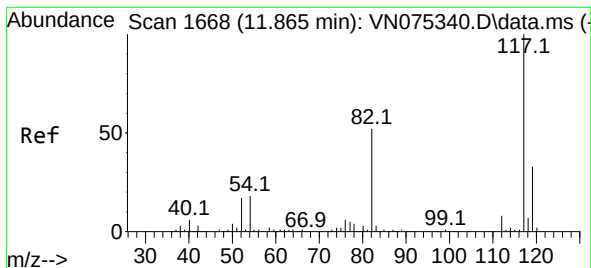
Tgt Ion:107 Resp: 32319
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.394 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 95 Resp: 77827
Ion Ratio Lower Upper
95 100
174 89.6 0.0 147.4
176 84.3 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

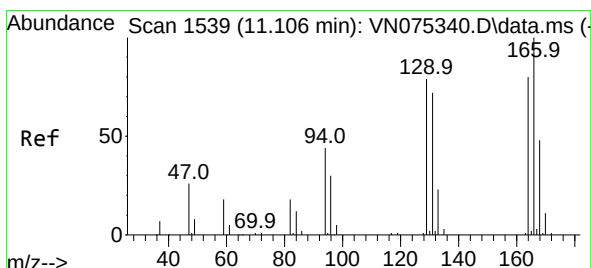
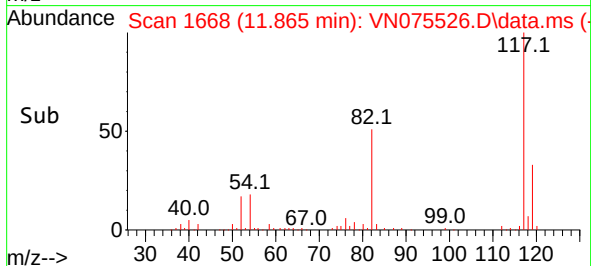
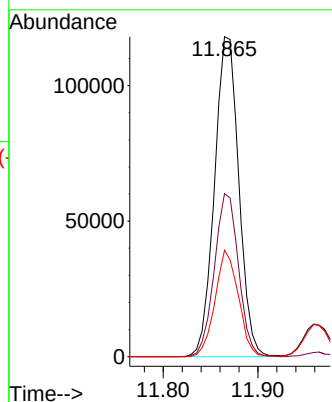
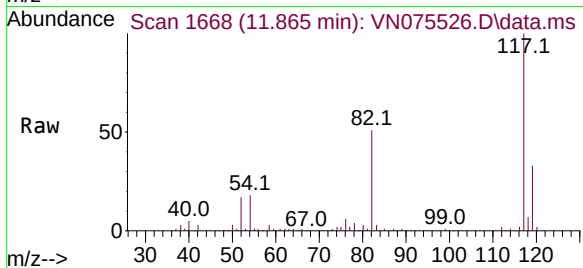
Tgt Ion:117 Resp: 211030

Ion Ratio Lower Upper

117 100

82 50.9 43.1 64.7

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 19.223 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Tgt Ion:164 Resp: 30978

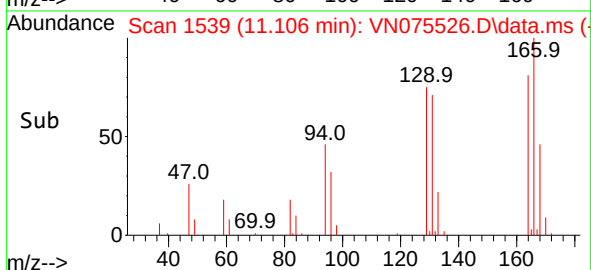
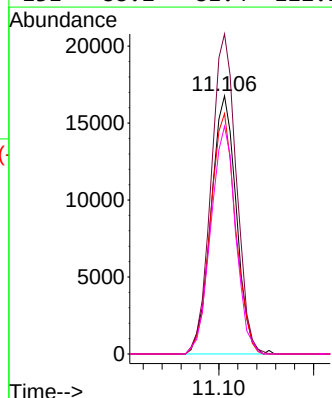
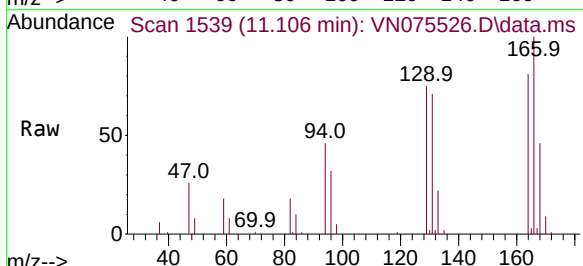
Ion Ratio Lower Upper

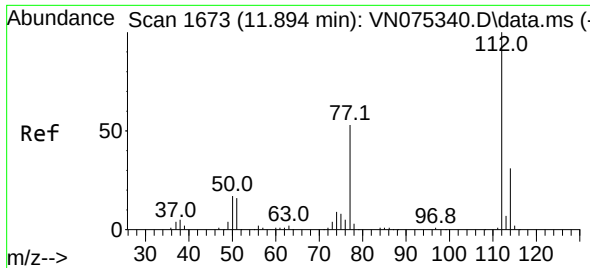
164 100

166 124.0 106.5 159.7

129 93.1 81.9 122.9

131 88.2 81.4 122.2

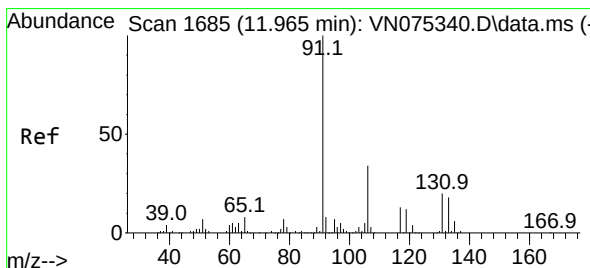
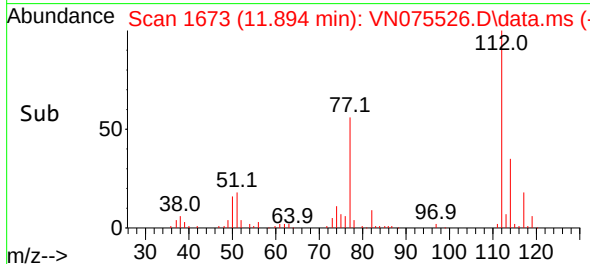
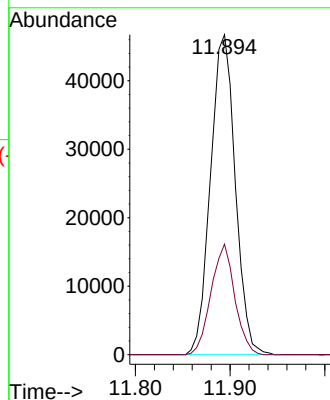
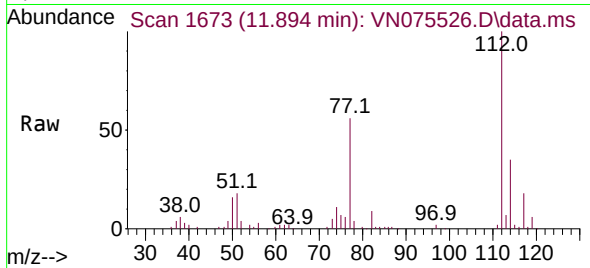




#65
Chlorobenzene
Concen: 19.485 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

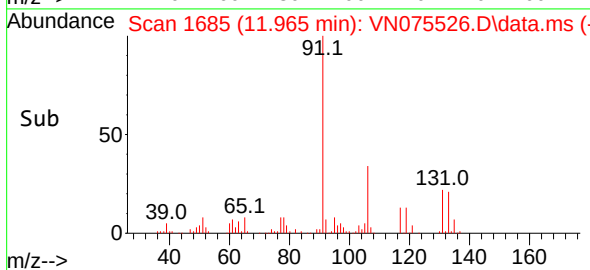
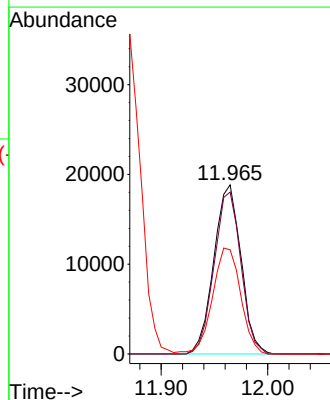
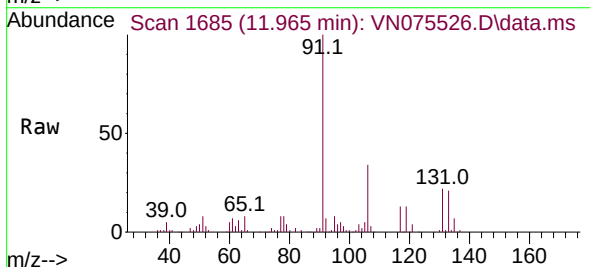
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

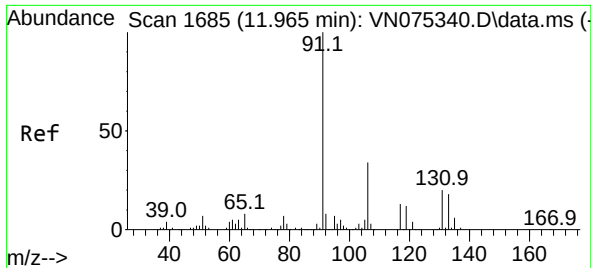
Tgt Ion:112 Resp: 84919
Ion Ratio Lower Upper
112 100
114 34.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.502 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion:131 Resp: 33347
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 64.5 33.0 99.0

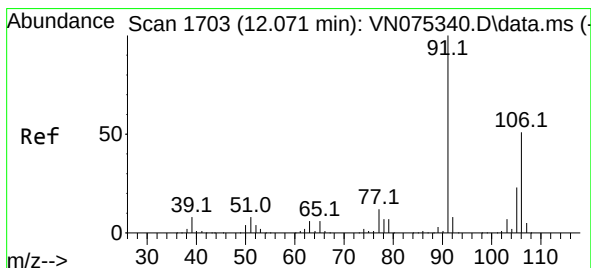
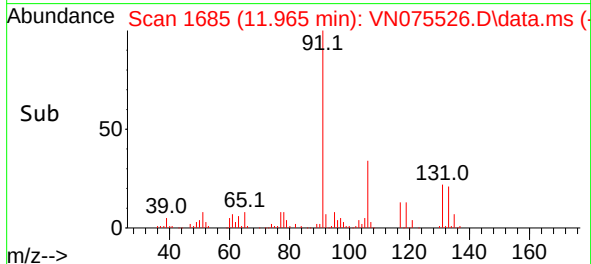
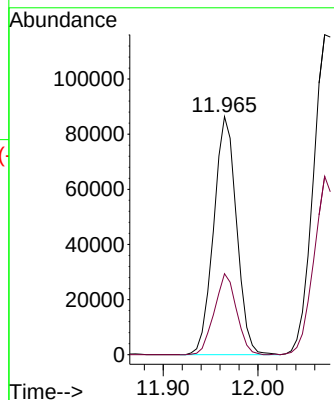
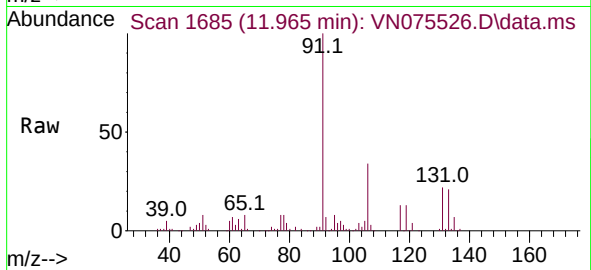




#67
Ethyl Benzene
Concen: 19.499 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

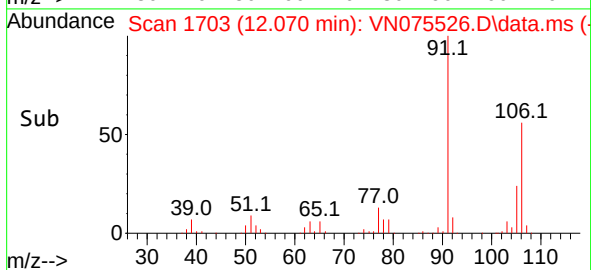
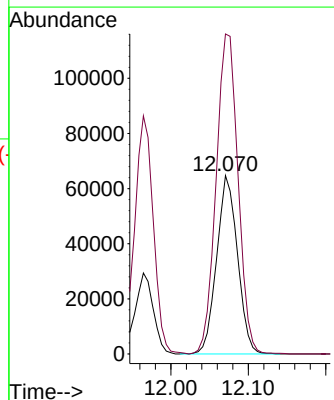
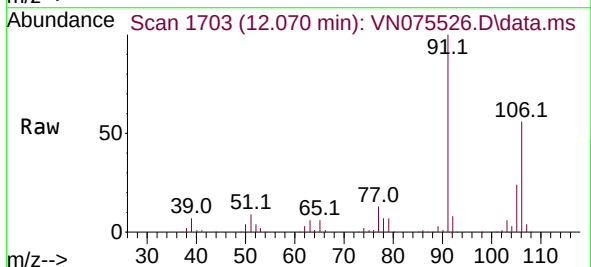
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

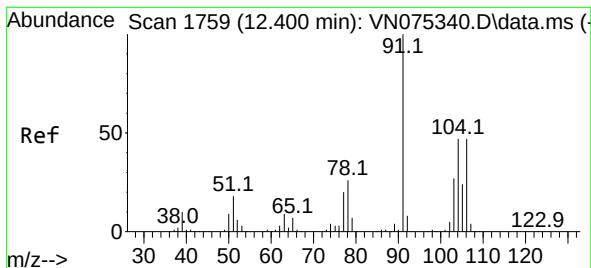
Tgt Ion: 91 Resp: 144979
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3



#68
m/p-Xylenes
Concen: 40.039 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 106 Resp: 120891
Ion Ratio Lower Upper
106 100
91 188.9 156.0 234.0





#69

o-Xylene

Concen: 19.710 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

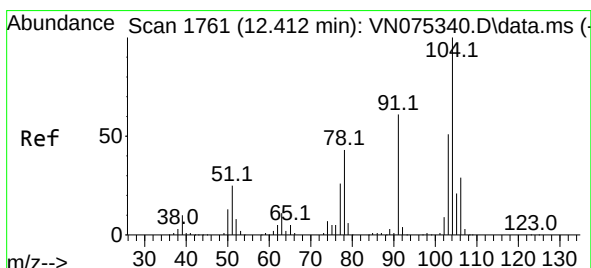
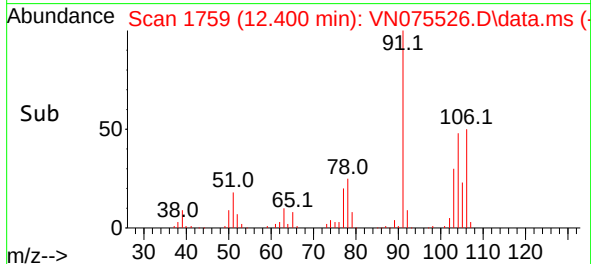
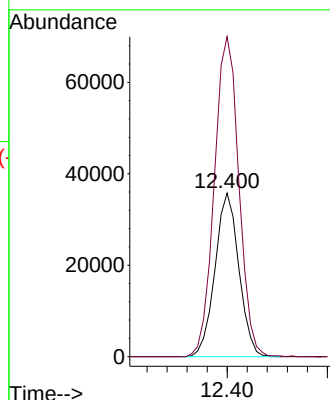
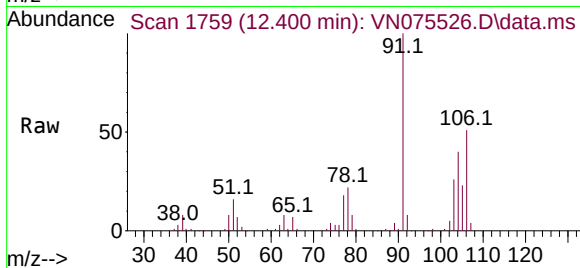
VN1202WBS01

Tgt Ion:106 Resp: 59128

Ion Ratio Lower Upper

106 100

91 201.3 105.2 315.5



#70

Styrene

Concen: 19.795 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

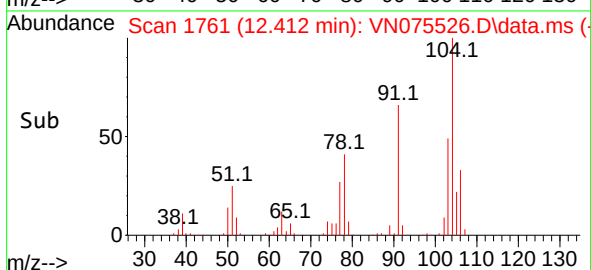
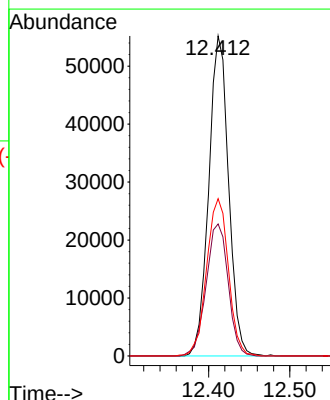
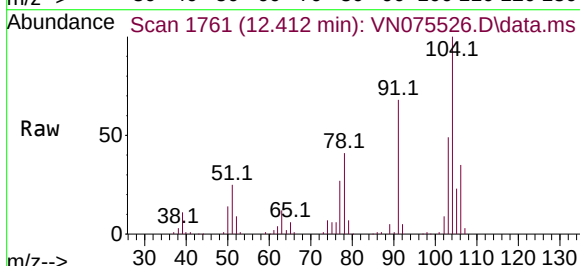
Tgt Ion:104 Resp: 93677

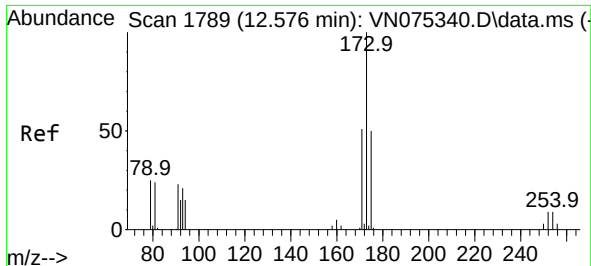
Ion Ratio Lower Upper

104 100

78 45.7 38.1 57.1

103 53.9 44.6 66.8

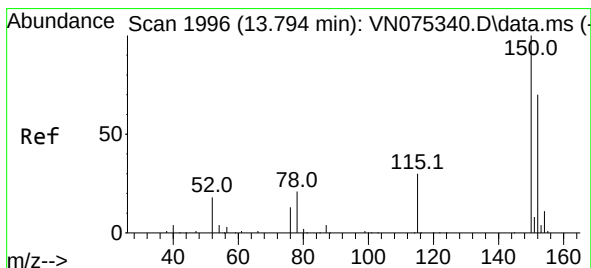
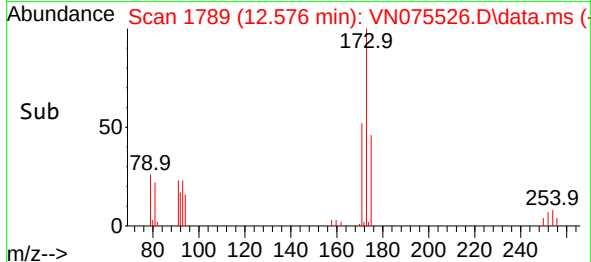
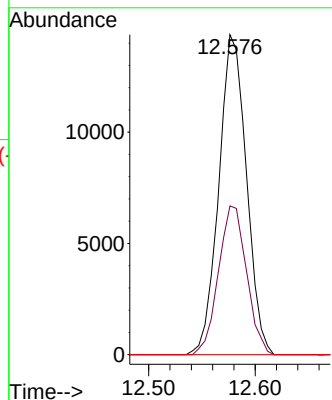
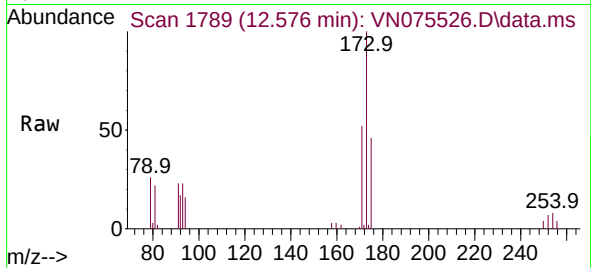




#71
Bromoform
Concen: 20.882 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

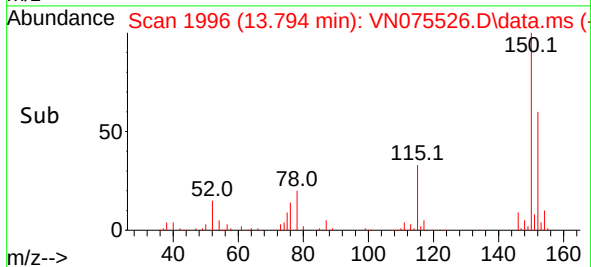
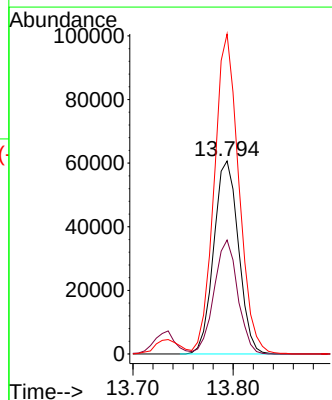
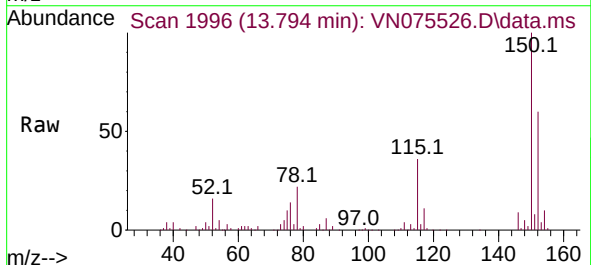
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

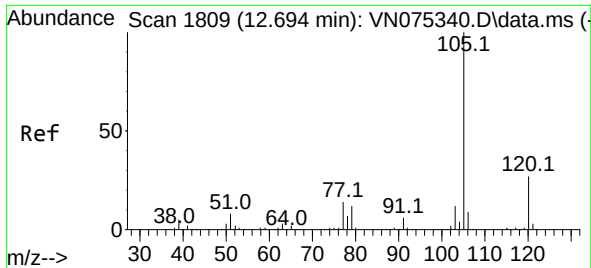
Tgt Ion:173 Resp: 25851
Ion Ratio Lower Upper
173 100
175 47.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion:152 Resp: 103851
Ion Ratio Lower Upper
152 100
115 56.5 30.2 90.6
150 165.0 0.0 348.4

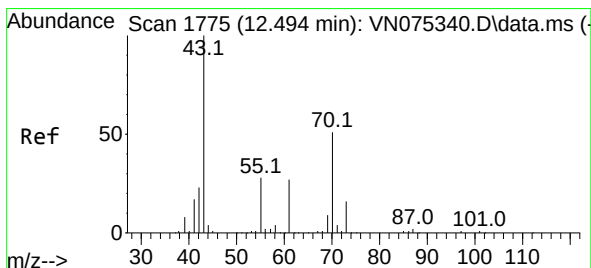
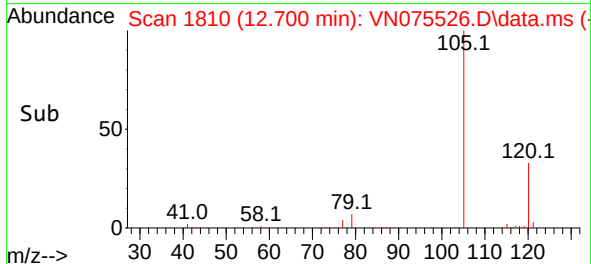
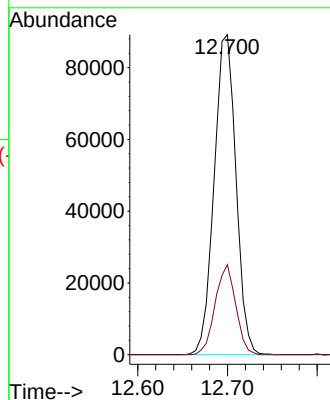
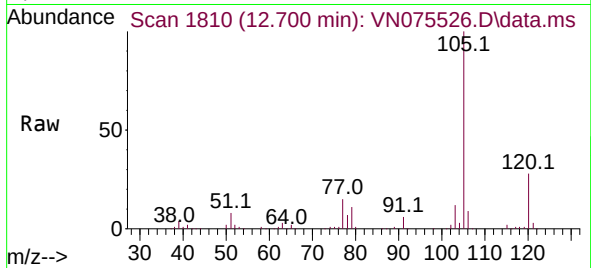




#73
Isopropylbenzene
Concen: 19.855 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

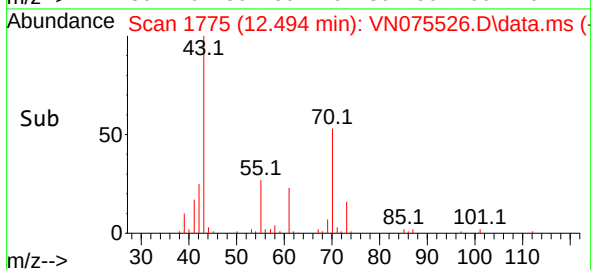
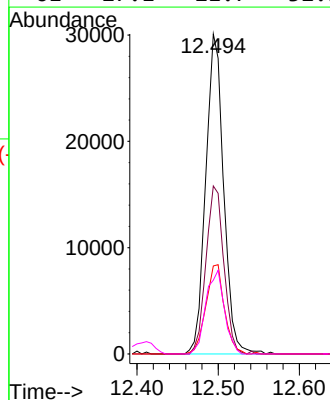
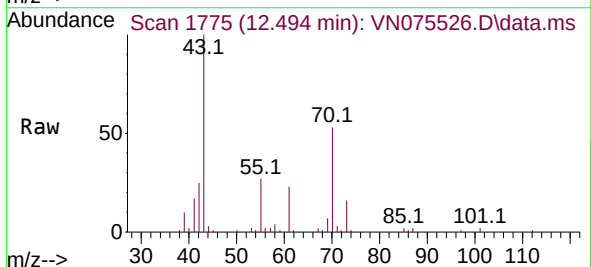
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

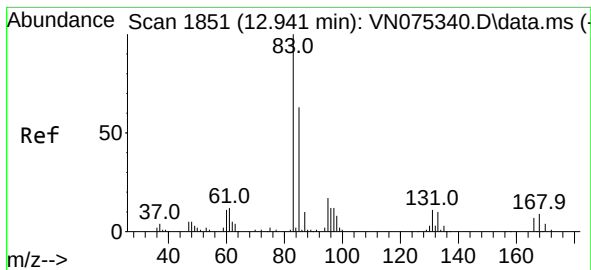
Tgt Ion:105 Resp: 150646
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-amy1 acetate
Concen: 19.750 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 43 Resp: 46068
Ion Ratio Lower Upper
43 100
70 52.2 39.8 59.8
55 28.9 19.9 29.9
61 27.1 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.847 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

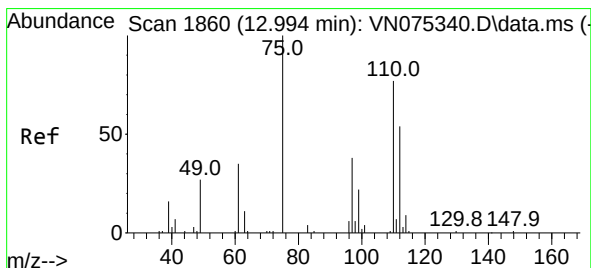
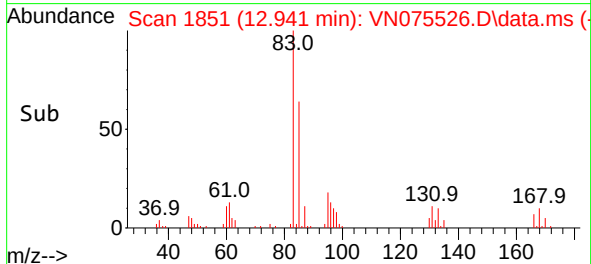
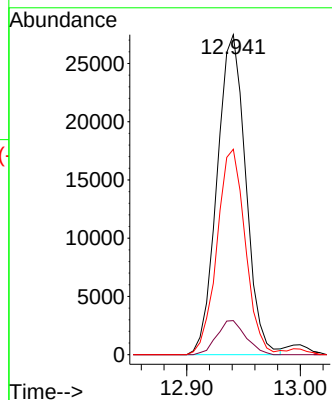
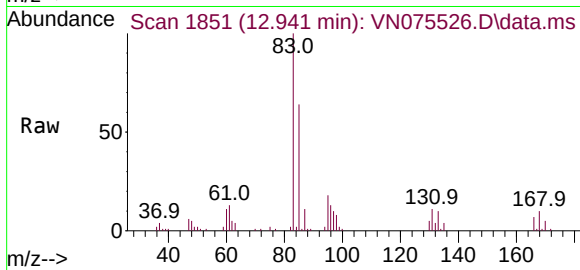
Tgt Ion: 83 Resp: 48222

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 63.7 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 28.939 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075526.D

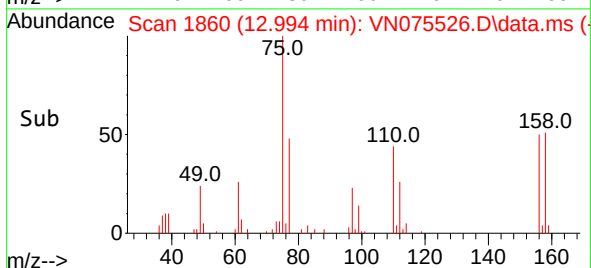
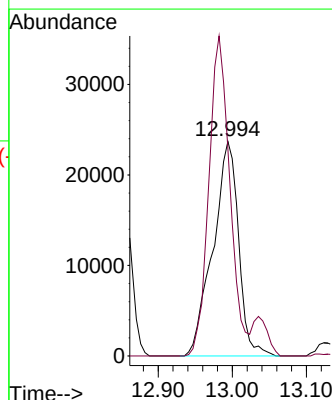
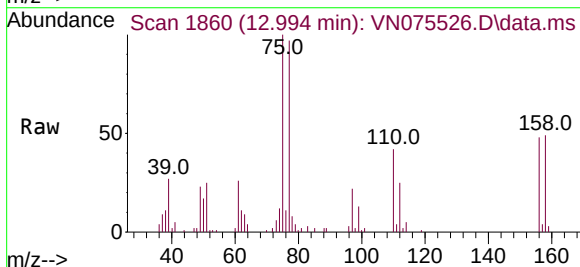
Acq: 02 Dec 2022 12:44

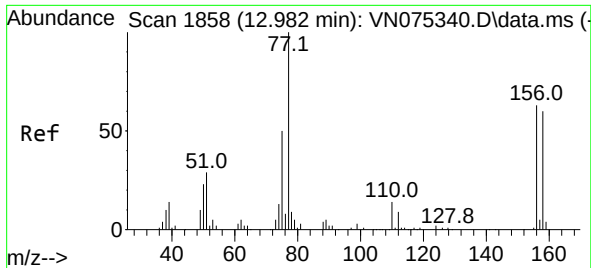
Tgt Ion: 75 Resp: 56823

Ion Ratio Lower Upper

75 100

77 123.2 75.6 226.8

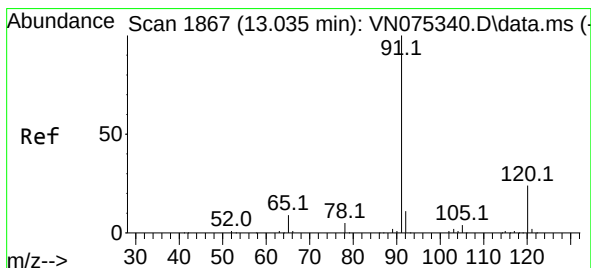
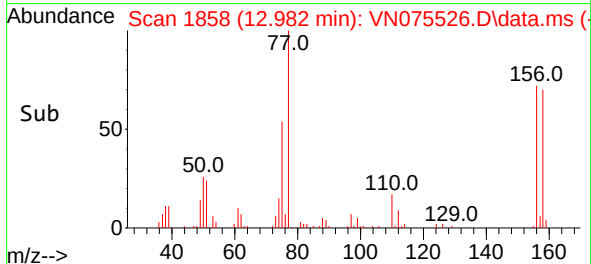
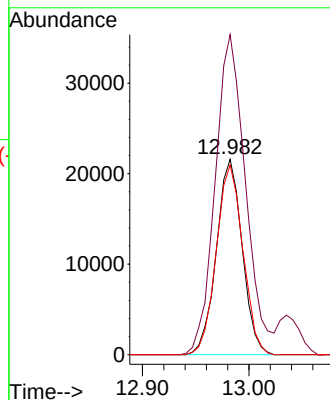
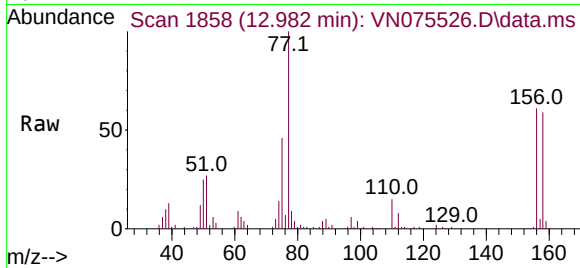




#77
Bromobenzene
Concen: 19.365 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

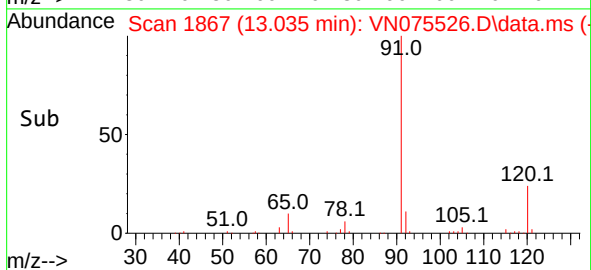
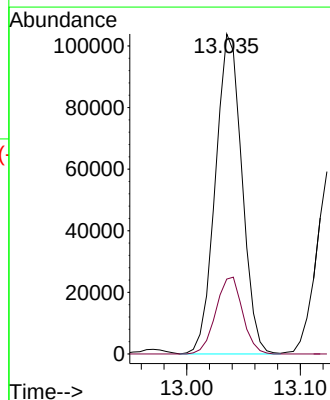
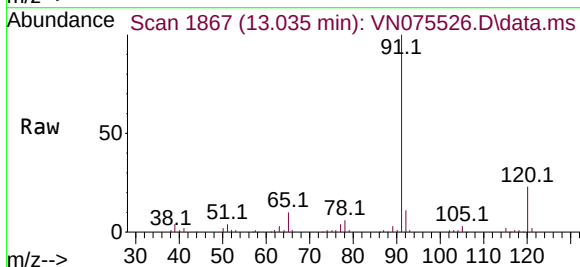
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

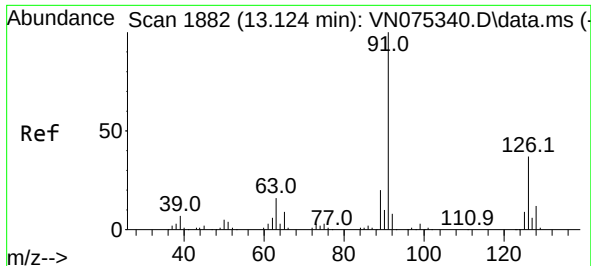
Tgt Ion:156 Resp: 36274
Ion Ratio Lower Upper
156 100
77 193.0 108.5 325.5
158 99.9 47.7 143.1



#78
n-propylbenzene
Concen: 19.909 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 91 Resp: 168579
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.223 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.001 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

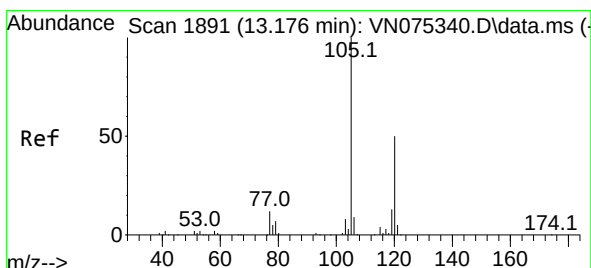
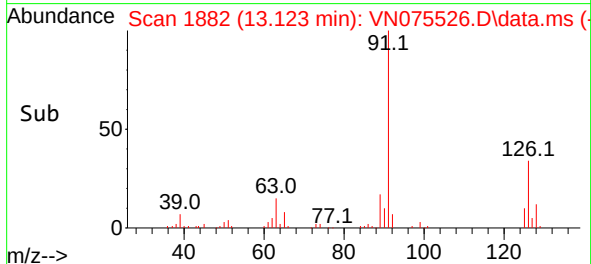
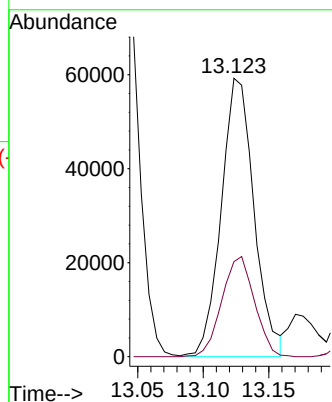
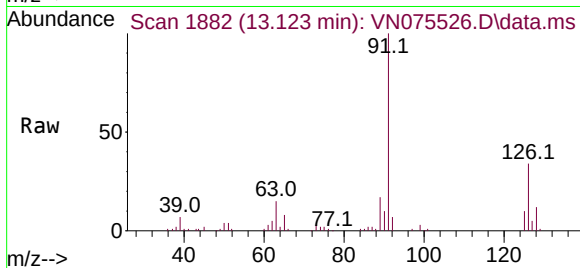
VN1202WBS01

Tgt Ion: 91 Resp: 103177

Ion Ratio Lower Upper

91 100

126 35.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.377 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075526.D

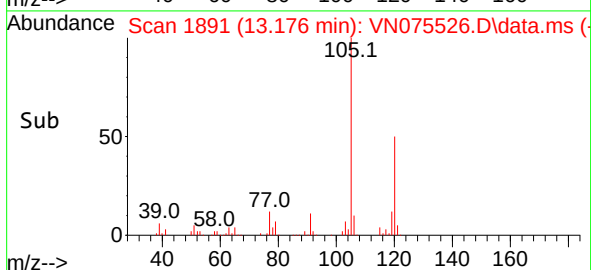
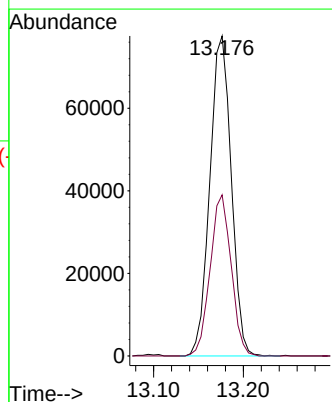
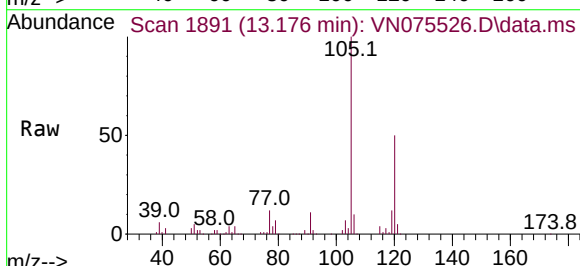
Acq: 02 Dec 2022 12:44

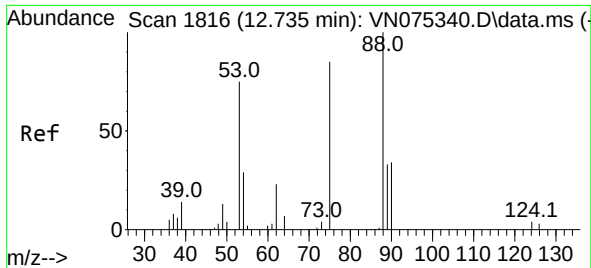
Tgt Ion:105 Resp: 128451

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1

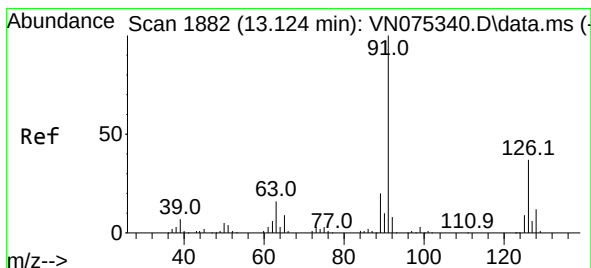
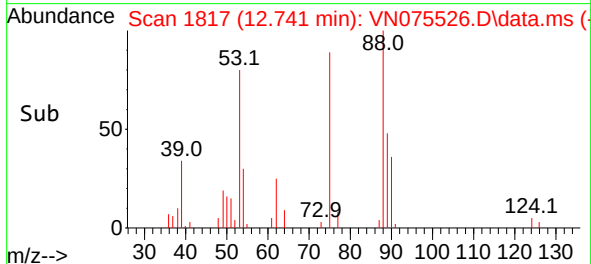
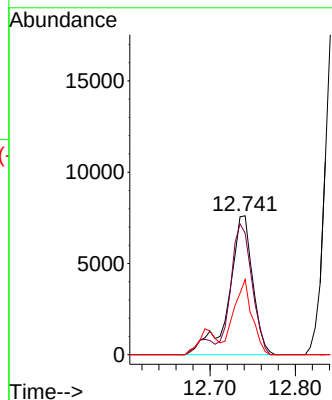
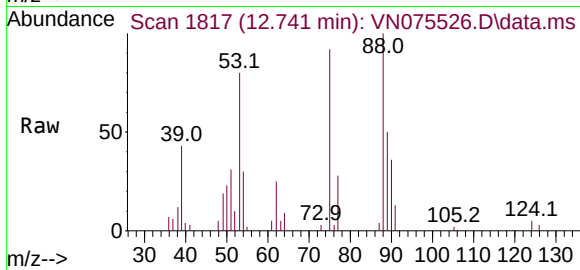




#81
trans-1,4-Dichloro-2-butene
Concen: 22.187 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

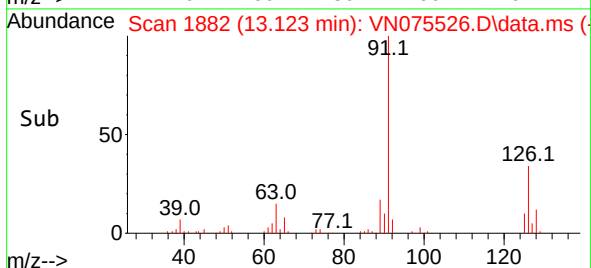
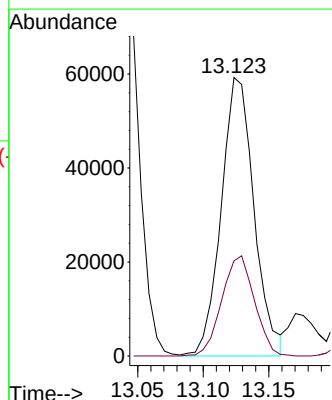
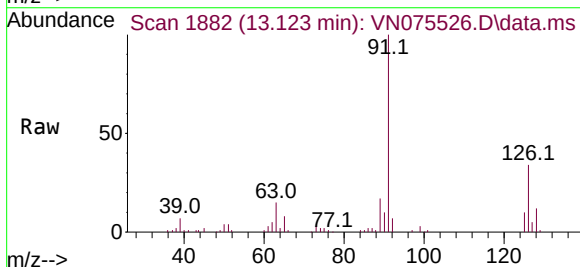
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

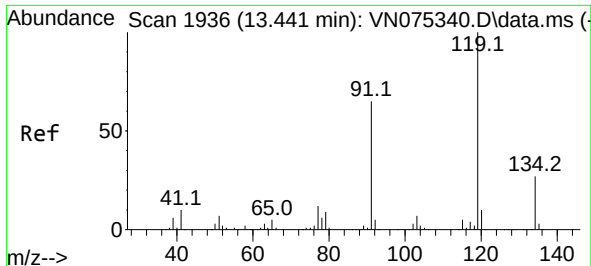
Tgt Ion: 75 Resp: 14724
Ion Ratio Lower Upper
75 100
53 83.8 78.5 117.7
89 42.2 37.7 56.5



#82
4-Chlorotoluene
Concen: 20.223 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 91 Resp: 103177
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7

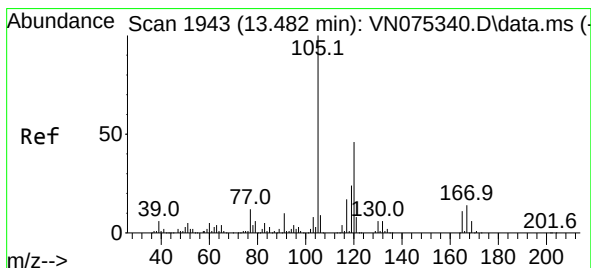
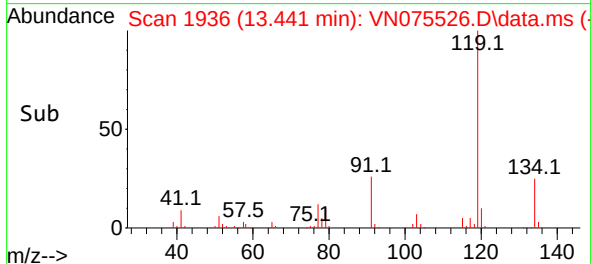
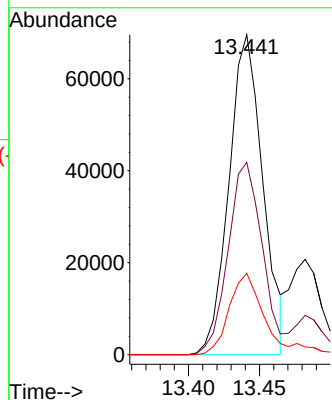
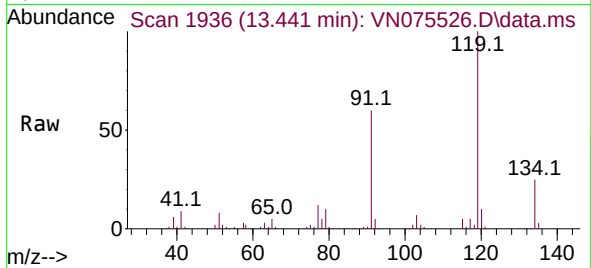




#83
tert-Butylbenzene
Concen: 20.091 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

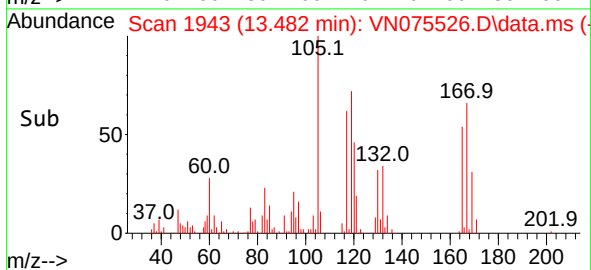
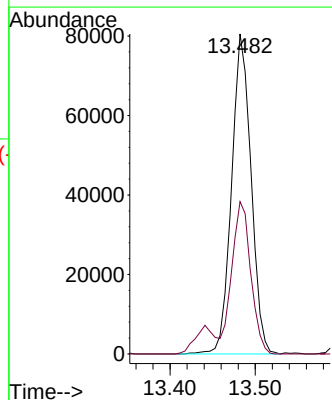
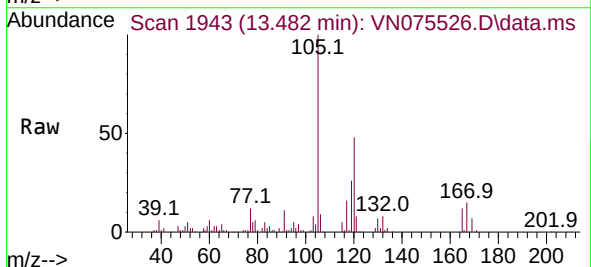
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

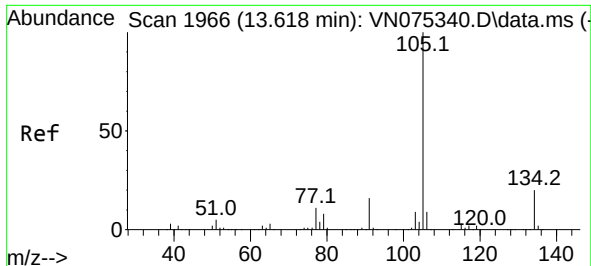
Tgt Ion:119 Resp: 115470
Ion Ratio Lower Upper
119 100
91 61.6 32.8 98.4
134 27.0 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 20.229 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion:105 Resp: 127907
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1

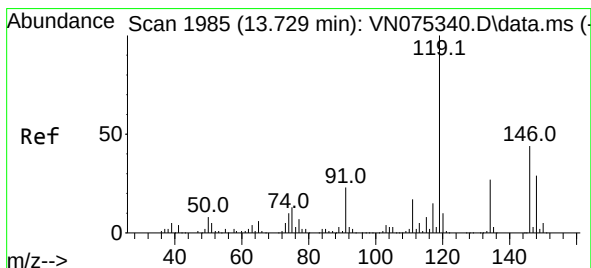
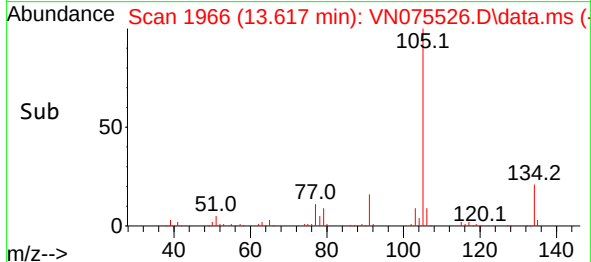
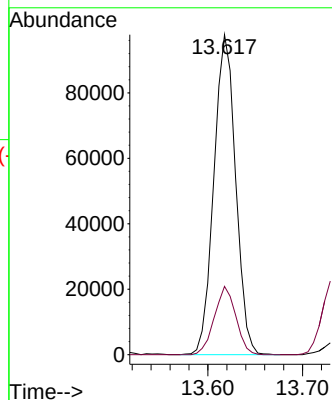
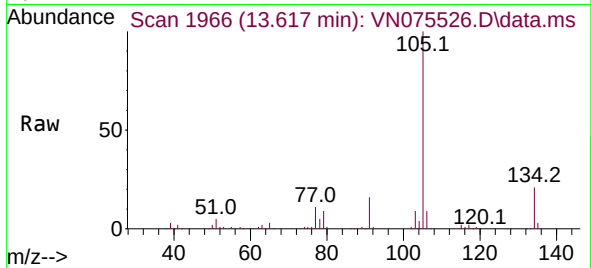




#85
 sec-Butylbenzene
 Concen: 20.009 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

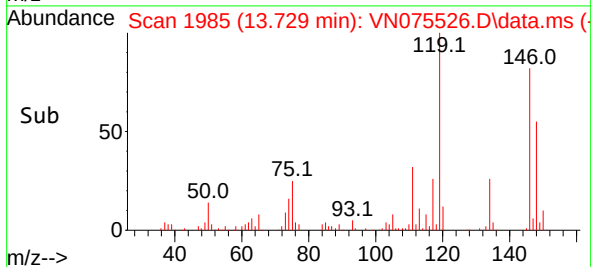
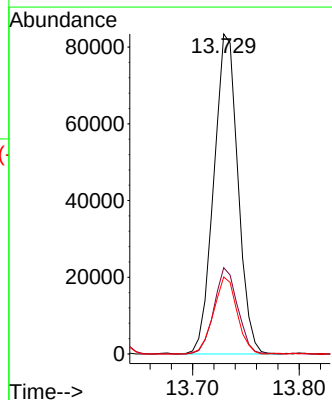
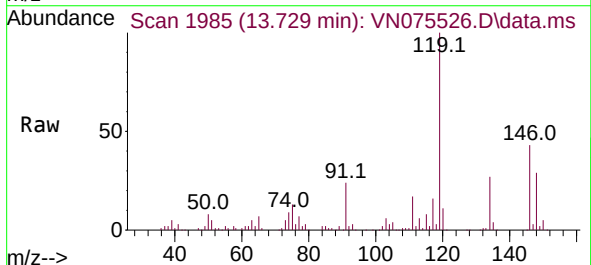
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

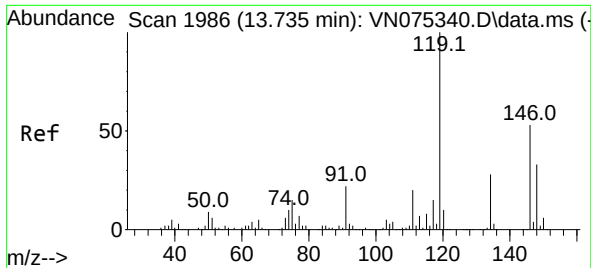
Tgt Ion:105 Resp: 156041
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.988 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion:119 Resp: 131146
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.5 11.9 35.5

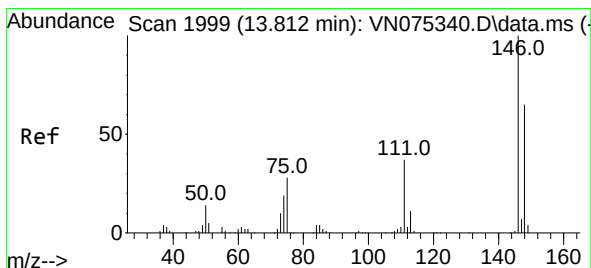
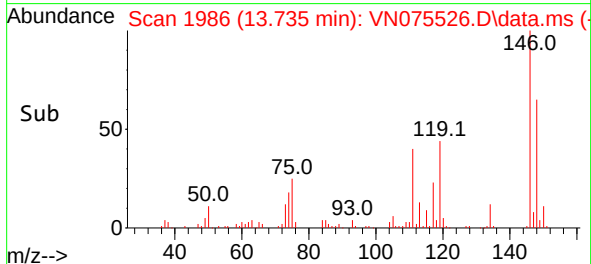
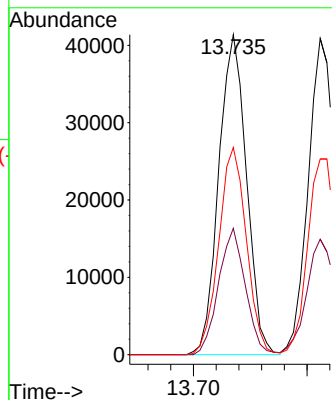
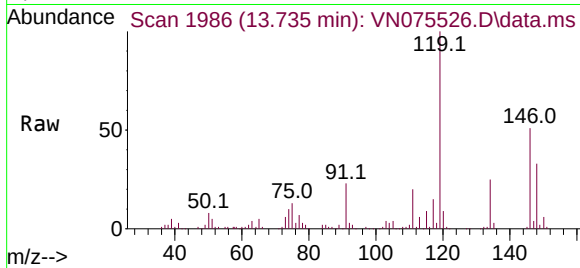




#87
 1,3-Dichlorobenzene
 Concen: 19.752 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

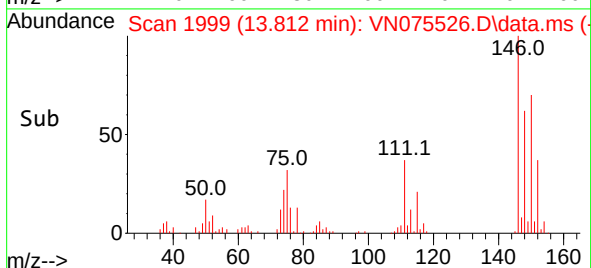
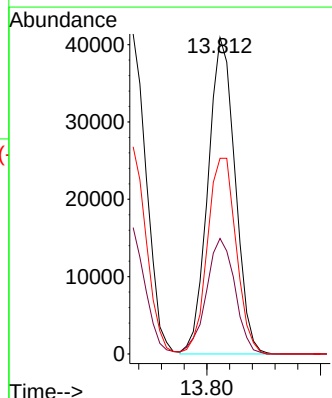
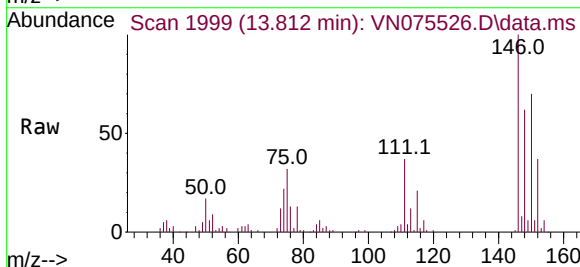
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBS01

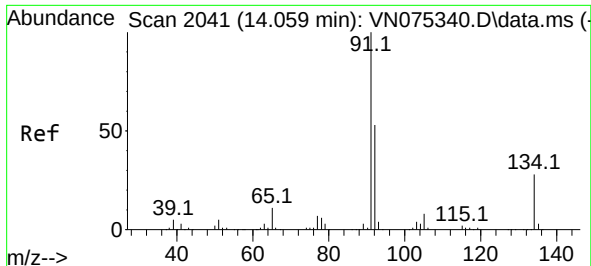
Tgt Ion:146 Resp: 70100
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.8 62.5
 148 64.8 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 18.873 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075526.D
 Acq: 02 Dec 2022 12:44

Tgt Ion:146 Resp: 68041
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.1 60.3
 148 65.5 31.9 95.7





#89

n-Butylbenzene

Concen: 18.162 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

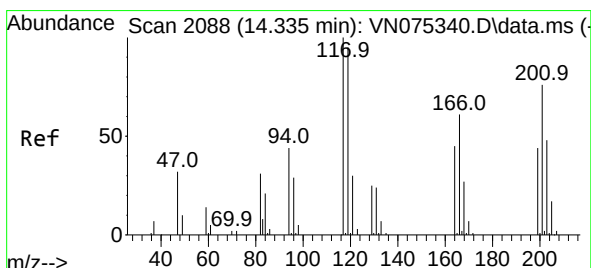
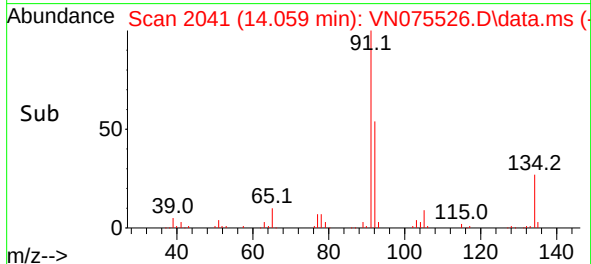
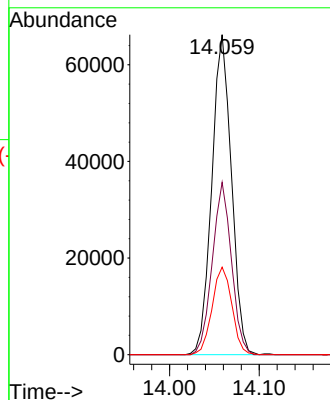
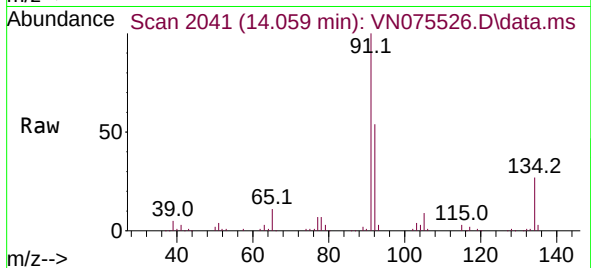
Tgt Ion: 91 Resp: 100644

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.4

134 27.5 13.0 39.0



#90

Hexachloroethane

Concen: 20.765 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075526.D

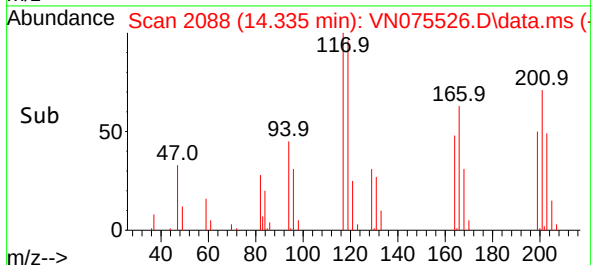
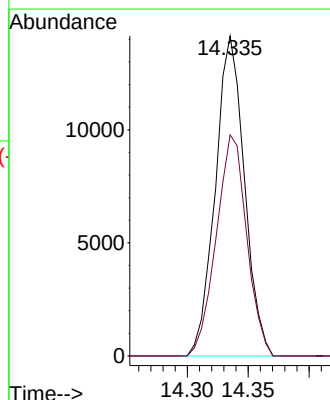
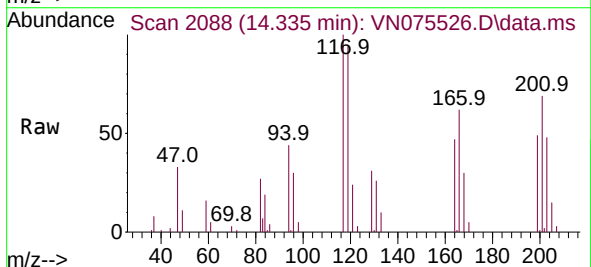
Acq: 02 Dec 2022 12:44

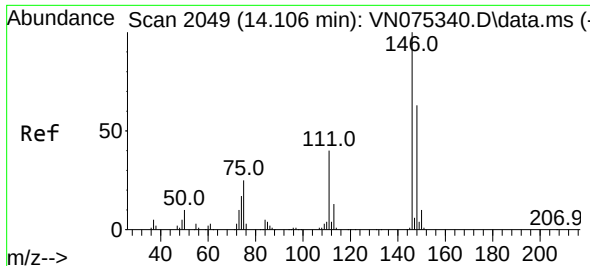
Tgt Ion: 117 Resp: 23504

Ion Ratio Lower Upper

117 100

201 72.3 31.5 94.5

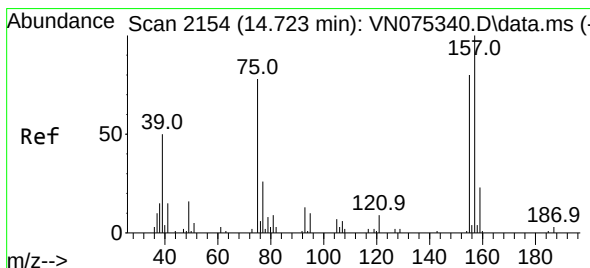
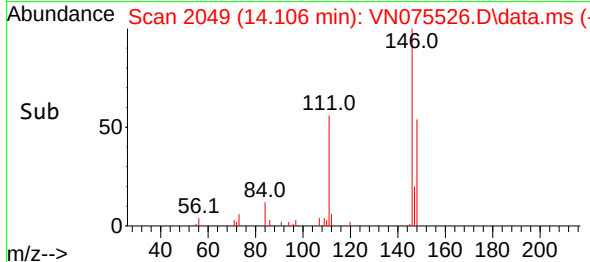
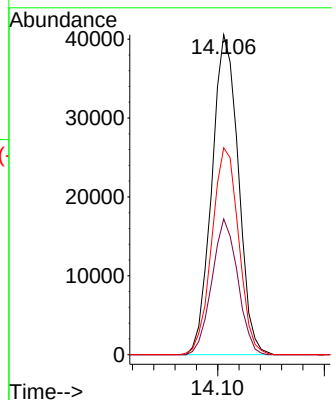
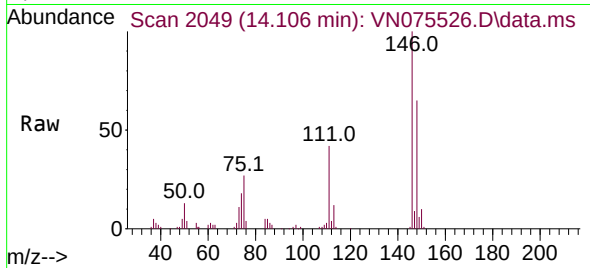




#91
1,2-Dichlorobenzene
Concen: 20.217 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

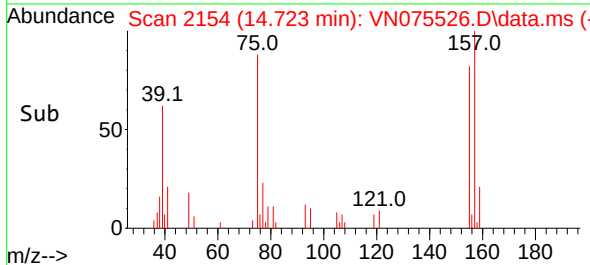
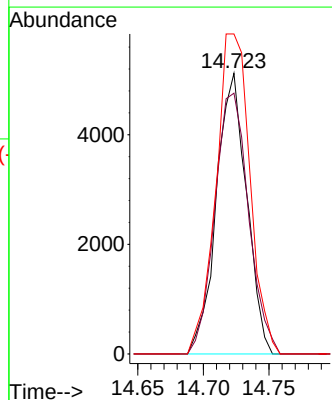
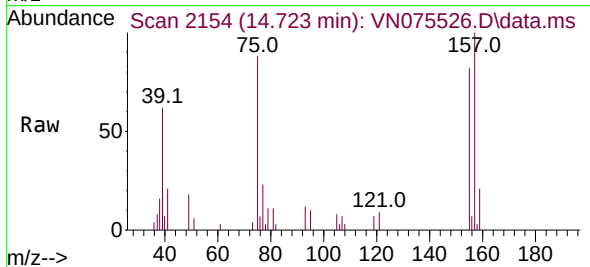
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBS01

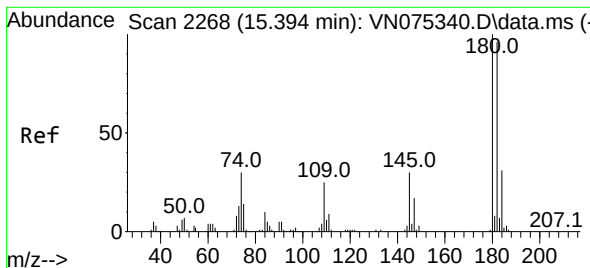
Tgt Ion:146 Resp: 69938
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 65.6 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.777 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075526.D
Acq: 02 Dec 2022 12:44

Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
155 103.9 42.1 126.3
157 128.2 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 18.783 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

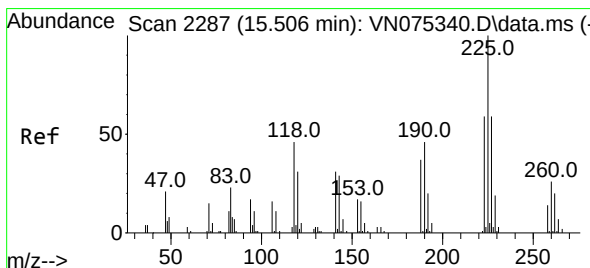
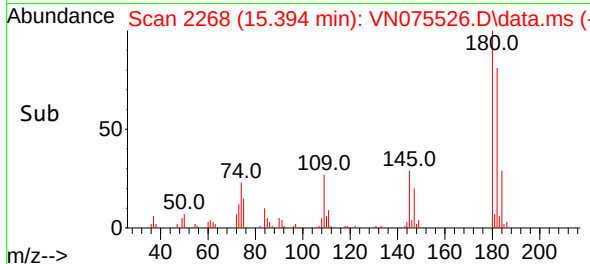
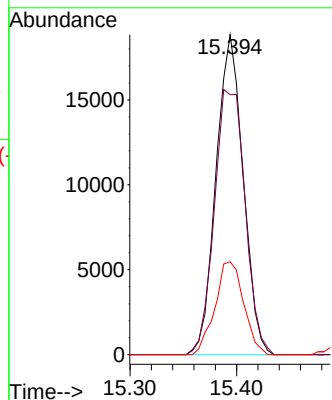
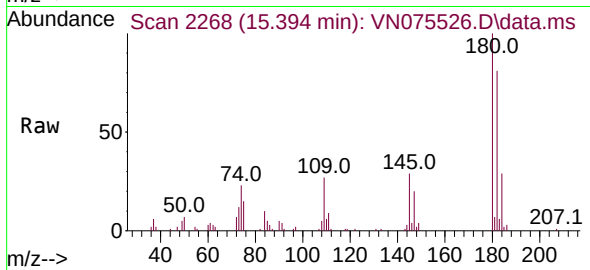
Tgt Ion:180 Resp: 33300

Ion Ratio Lower Upper

180 100

182 93.8 47.8 143.4

145 30.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.787 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

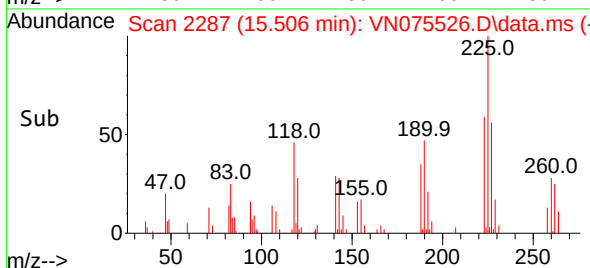
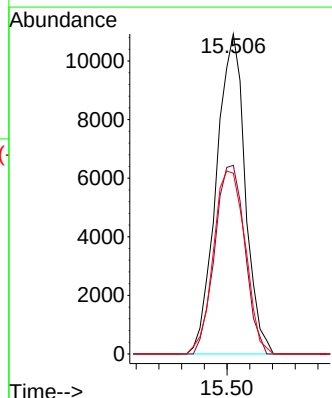
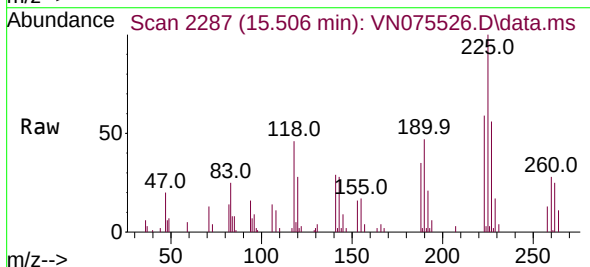
Tgt Ion:225 Resp: 19195

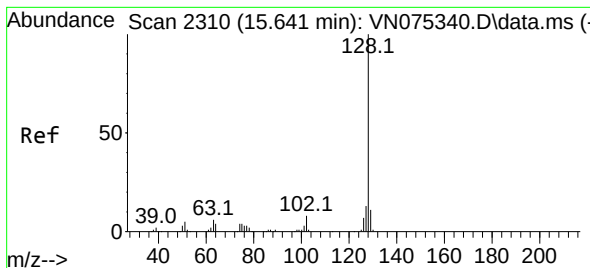
Ion Ratio Lower Upper

225 100

223 61.6 32.3 96.9

227 63.3 32.0 96.2





#95

Naphthalene

Concen: 17.737 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBS01

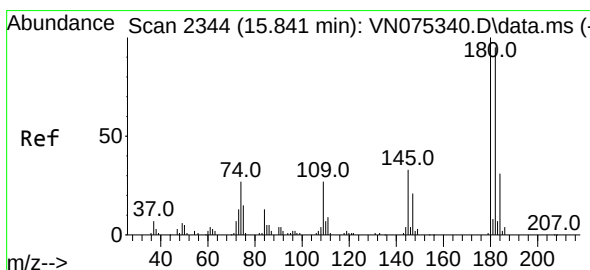
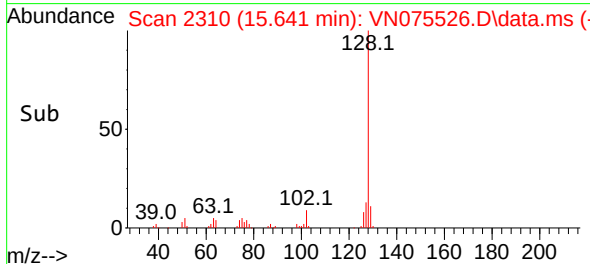
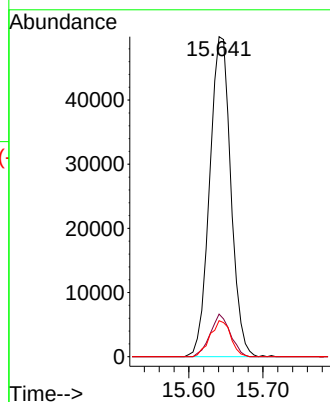
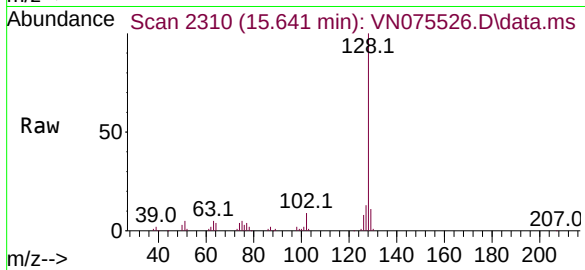
Tgt Ion:128 Resp: 98923

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.670 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075526.D

Acq: 02 Dec 2022 12:44

Tgt Ion:180 Resp: 32531

Ion Ratio Lower Upper

180 100

182 93.0 47.3 141.8

145 33.3 17.6 52.9

