

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075939.D
 Acq On : 22 Dec 2022 12:51
 Operator : JC\MD
 Sample : VN1222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Quant Time: Dec 23 04:00:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	271281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	434252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	392885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	156352	52.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.960%	
35) Dibromofluoromethane	8.171	113	141782	52.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.440%	
50) Toluene-d8	10.571	98	527280	52.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	12.853	95	176389	52.965	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33745	17.519	ug/l	94
3) Chloromethane	2.371	50	42604	17.787	ug/l	97
4) Vinyl Chloride	2.524	62	50185	17.565	ug/l	98
5) Bromomethane	2.971	94	42369	17.449	ug/l	98
6) Chloroethane	3.136	64	38022	17.971	ug/l	99
7) Trichlorofluoromethane	3.512	101	81603	18.823	ug/l	100
8) Diethyl Ether	3.977	74	32204	20.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	48463	19.577	ug/l	97
10) Methyl Iodide	4.606	142	71518	17.801	ug/l #	95
11) Tert butyl alcohol	5.542	59	40747	97.573	ug/l	96
12) 1,1-Dichloroethene	4.353	96	44741	18.608	ug/l	97
13) Acrolein	4.195	56	70099	136.921	ug/l	100
14) Allyl chloride	5.036	41	52092	18.534	ug/l	90
15) Acrylonitrile	5.736	53	115574	101.415	ug/l	98
16) Acetone	4.448	43	99711	98.009	ug/l	100
17) Carbon Disulfide	4.730	76	94747	16.276	ug/l	98
18) Methyl Acetate	5.048	43	61469	20.440	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	163939	20.706	ug/l	95
20) Methylene Chloride	5.289	84	52593	18.927	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	49999	18.988	ug/l	86
22) Diisopropyl ether	6.683	45	142143	20.818	ug/l	99
23) Vinyl Acetate	6.618	43	470776	102.440	ug/l	99
24) 1,1-Dichloroethane	6.577	63	87975	19.320	ug/l	99
25) 2-Butanone	7.494	43	148086	103.957	ug/l	99
26) 2,2-Dichloropropane	7.500	77	75780	19.651	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	60048	19.068	ug/l	95
28) Bromochloromethane	7.818	49	40072	20.078	ug/l	100
29) Tetrahydrofuran	7.847	42	94357	105.699	ug/l	98
30) Chloroform	7.971	83	99442	19.396	ug/l	95
31) Cyclohexane	8.265	56	76455	18.088	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	87409	19.231	ug/l	94
36) 1,1-Dichloropropene	8.377	75	69256	19.386	ug/l	99
37) Ethyl Acetate	7.571	43	57051	19.882	ug/l	98
38) Carbon Tetrachloride	8.371	117	77648	19.420	ug/l	96
39) Methylcyclohexane	9.606	83	85702	19.885	ug/l	97
40) Benzene	8.612	78	215656	19.566	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	30042	20.141	ug/l	95
42) 1,2-Dichloroethane	8.677	62	74348	20.289	ug/l	100
43) Isopropyl Acetate	8.694	43	99364	20.992	ug/l	99
44) Trichloroethene	9.359	130	58415	18.812	ug/l	99
45) 1,2-Dichloropropane	9.630	63	53695	20.019	ug/l	99
46) Dibromomethane	9.712	93	39560	19.886	ug/l	99
47) Bromodichloromethane	9.894	83	78708	20.175	ug/l	96
48) Methyl methacrylate	9.682	41	46123	21.634	ug/l	99
49) 1,4-Dioxane	9.700	88	22297	425.418	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	308168	107.653	ug/l	100
52) Toluene	10.635	92	144152	20.081	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	76348	19.992	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	85393	20.366	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	56759	20.145	ug/l	99
56) Ethyl methacrylate	10.877	69	79884	21.345	ug/l	98
57) 1,3-Dichloropropane	11.171	76	93797	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	109713	92.076	ug/l	98
59) 2-Hexanone	11.200	43	222653	106.654	ug/l	99
60) Dibromochloromethane	11.365	129	63933	20.404	ug/l	100
61) 1,2-Dibromoethane	11.471	107	57882	20.300	ug/l	97
64) Tetrachloroethene	11.106	164	58833	21.281	ug/l	98
65) Chlorobenzene	11.894	112	157139	19.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	61504	20.592	ug/l	96
67) Ethyl Benzene	11.965	91	266435	19.577	ug/l	98
68) m/p-Xylenes	12.076	106	216043	40.106	ug/l	97
69) o-Xylene	12.400	106	104929	19.684	ug/l	100
70) Styrene	12.412	104	171949	20.287	ug/l	99
71) Bromoform	12.582	173	45035	20.721	ug/l #	99
73) Isopropylbenzene	12.700	105	275874	20.668	ug/l	100
74) N-amyl acetate	12.494	43	81218	20.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	80989	19.628	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	96066	25.802	ug/l	73
77) Bromobenzene	12.982	156	65351	19.346	ug/l	98
78) n-propylbenzene	13.041	91	306229	20.801	ug/l	99
79) 2-Chlorotoluene	13.129	91	187852	20.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	233884	20.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20873	20.179	ug/l	94
82) 4-Chlorotoluene	13.129	91	187852	20.441	ug/l	100
83) tert-Butylbenzene	13.441	119	210634	21.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	233809	21.097	ug/l	100
85) sec-Butylbenzene	13.618	105	286430	21.069	ug/l	99
86) p-Isopropyltoluene	13.735	119	237625	21.007	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	126146	20.216	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	122633	19.238	ug/l	99
89) n-Butylbenzene	14.059	91	185146	20.203	ug/l	100
90) Hexachloroethane	14.341	117	40882	20.204	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	124202	20.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14155	19.333	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	62427	20.516	ug/l	99
94) Hexachlorobutadiene	15.506	225	34701	20.903	ug/l	96
95) Naphthalene	15.641	128	188101	20.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	61763	21.717	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

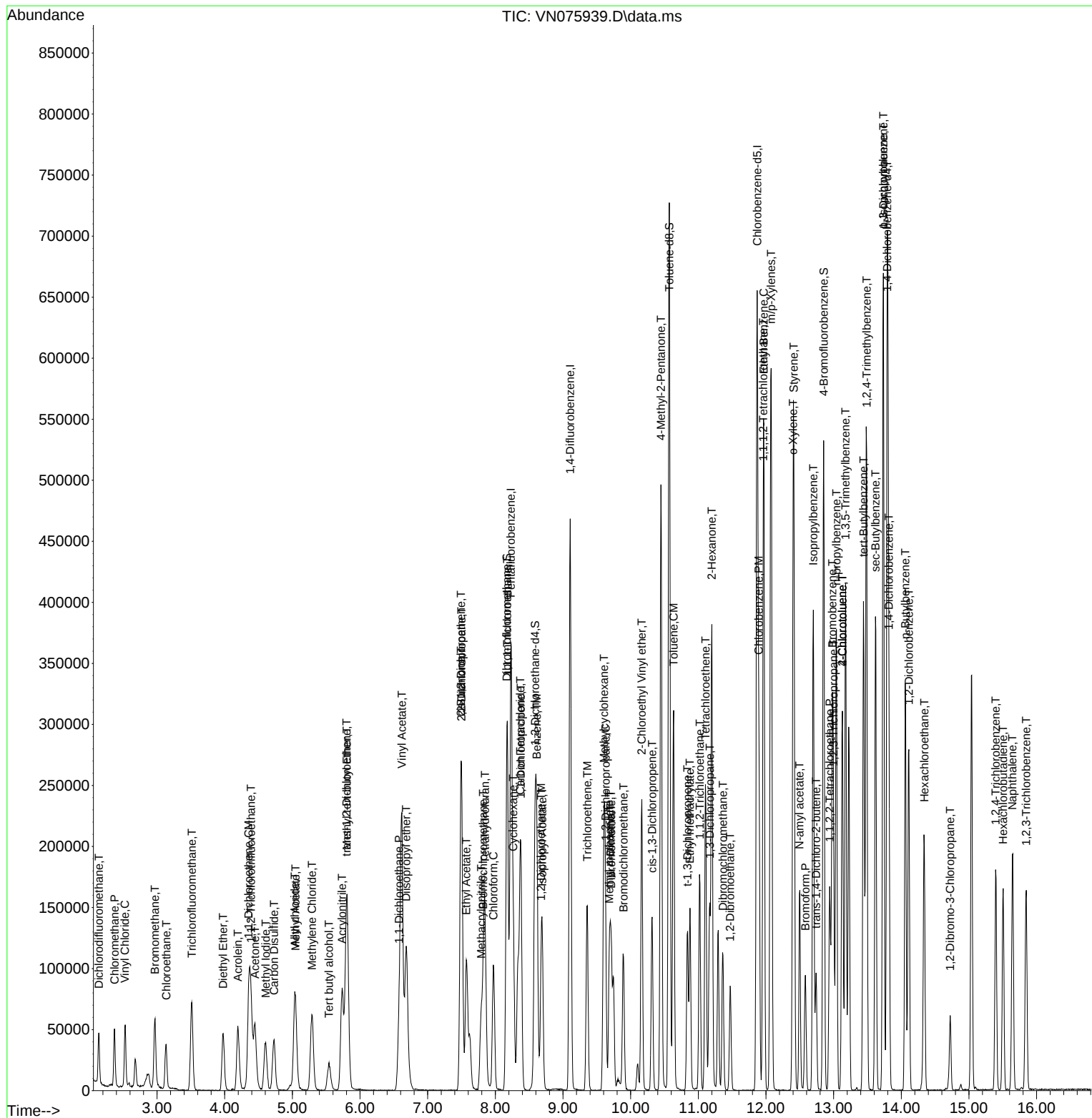
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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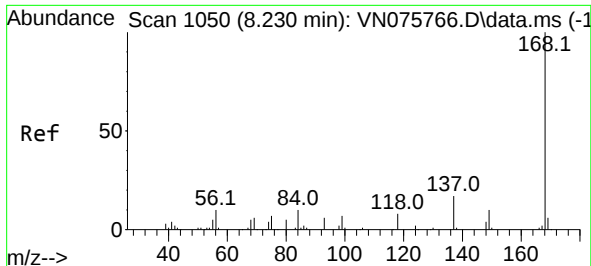
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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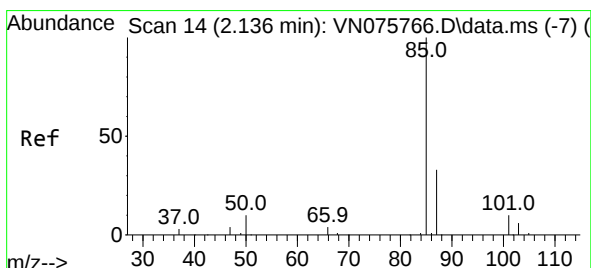
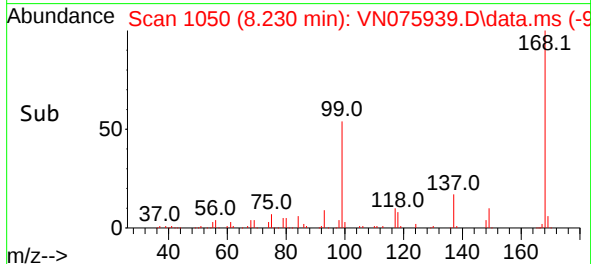
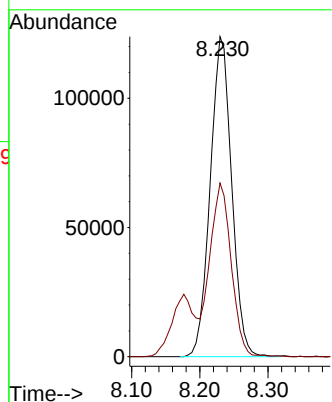
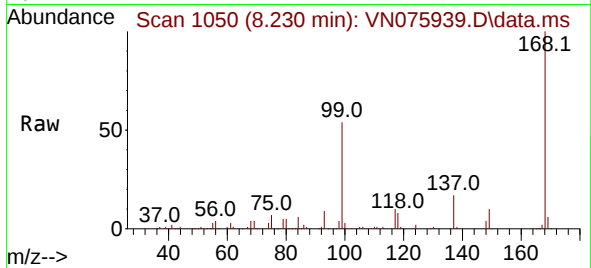




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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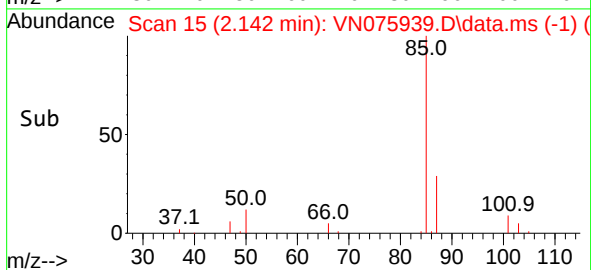
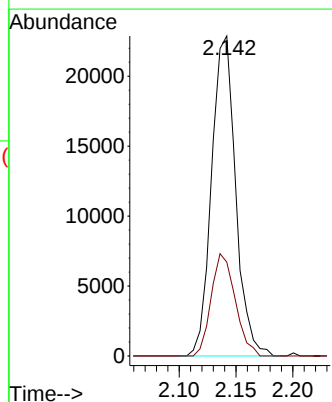
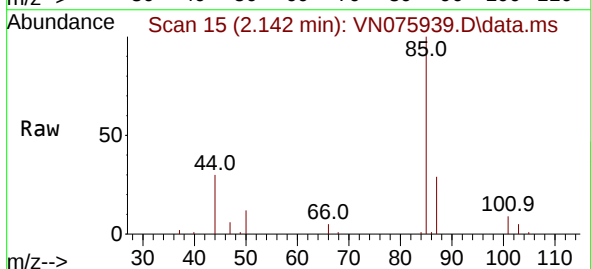
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:168 Resp: 271281
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.519 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 85 Resp: 33745
Ion Ratio Lower Upper
85 100
87 29.3 16.3 48.9

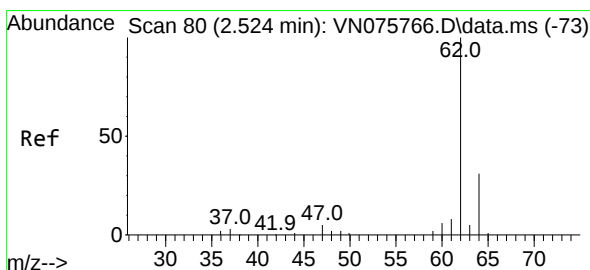
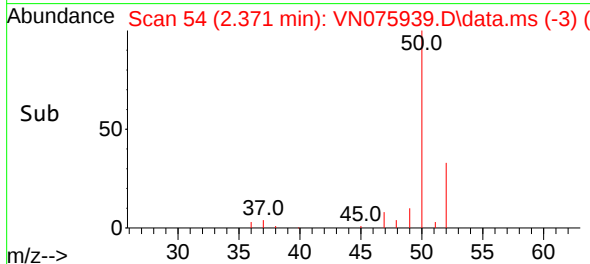
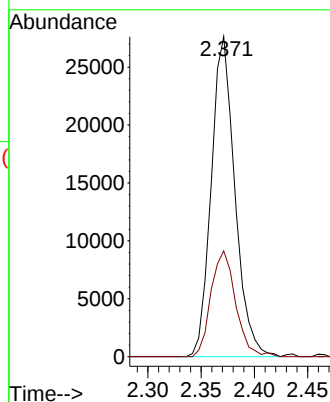
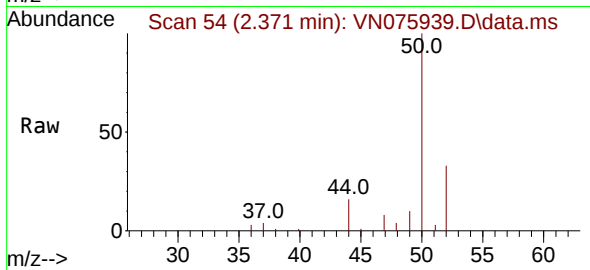




#3
Chloromethane
Concen: 17.787 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

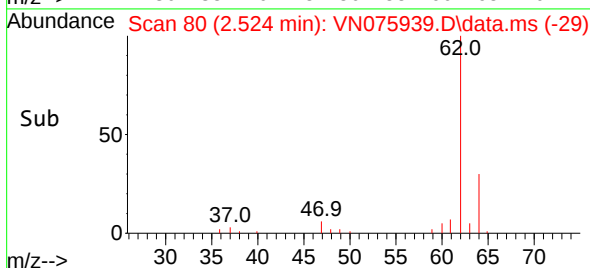
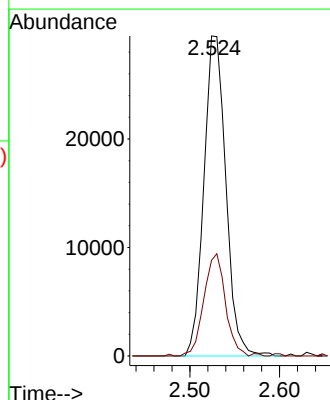
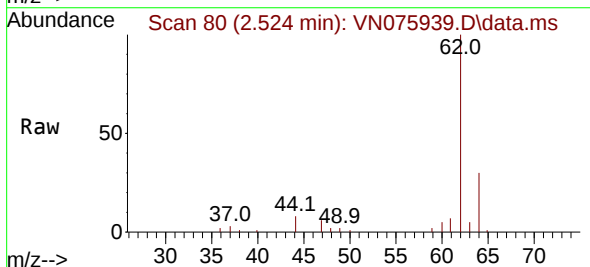
Instrument :
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ClientSampleId :
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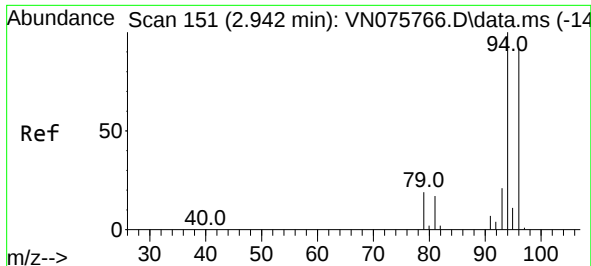
Tgt Ion: 50 Resp: 42604
Ion Ratio Lower Upper
50 100
52 33.1 27.7 41.5



#4
Vinyl Chloride
Concen: 17.565 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 62 Resp: 50185
Ion Ratio Lower Upper
62 100
64 29.9 24.9 37.3

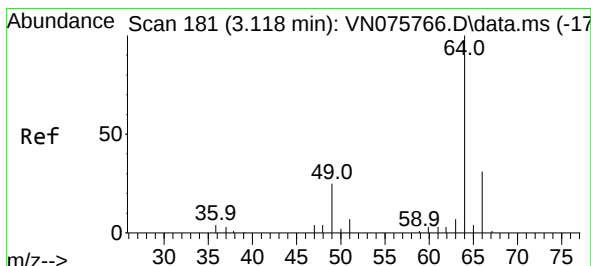
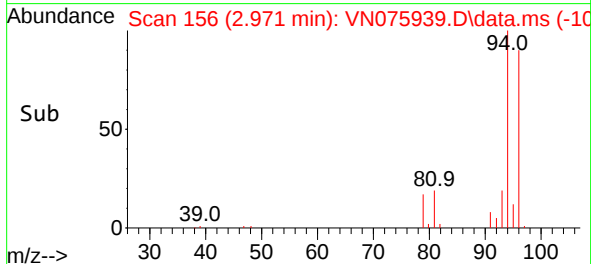
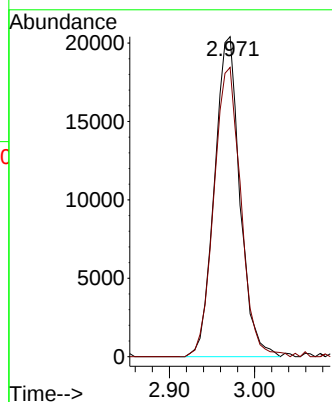
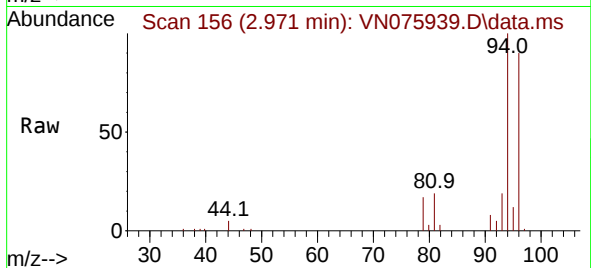




#5
Bromomethane
Concen: 17.449 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.029 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

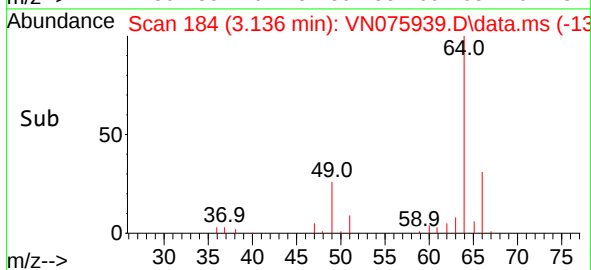
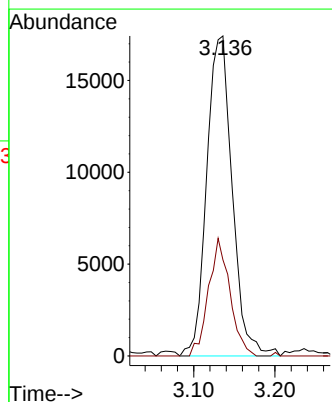
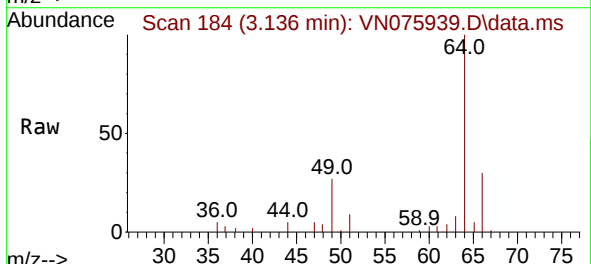
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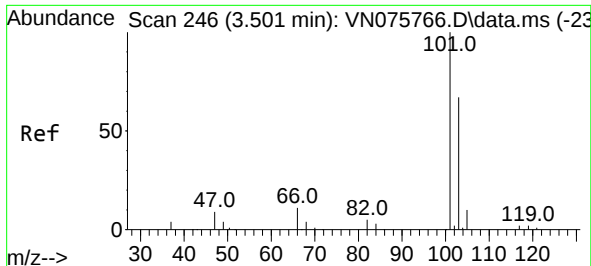
Tgt Ion: 94 Resp: 42369
Ion Ratio Lower Upper
94 100
96 90.4 73.8 110.6



#6
Chloroethane
Concen: 17.971 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 64 Resp: 38022
Ion Ratio Lower Upper
64 100
66 30.0 24.6 36.8

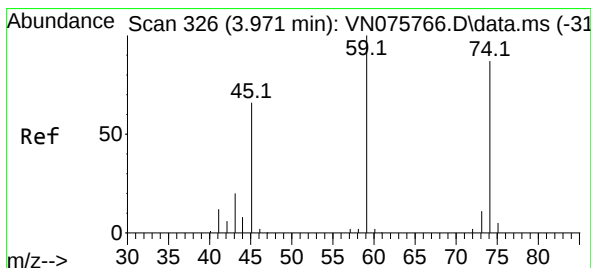
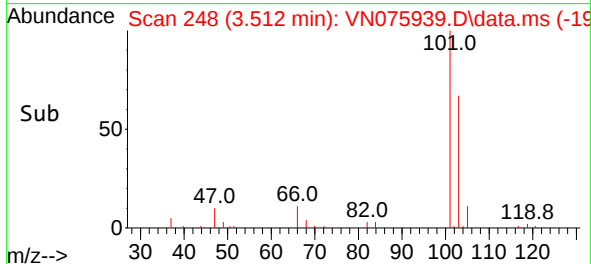
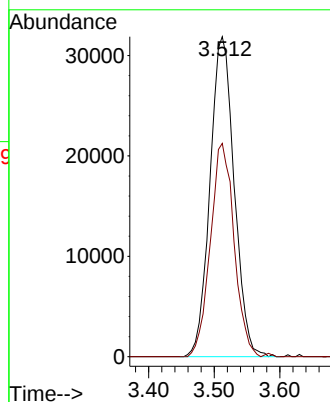
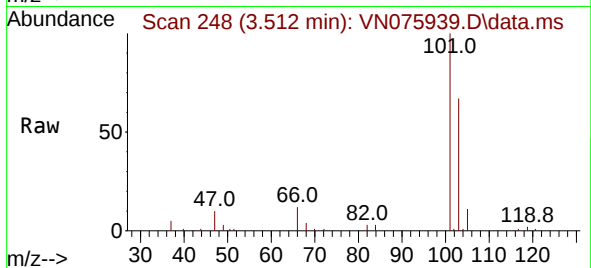




#7
 Trichlorofluoromethane
 Concen: 18.823 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

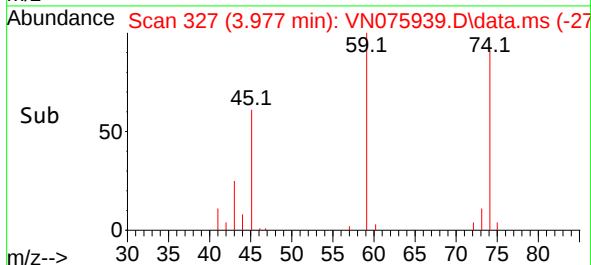
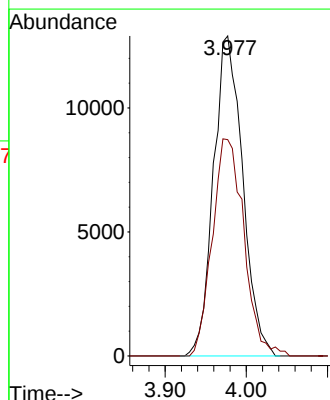
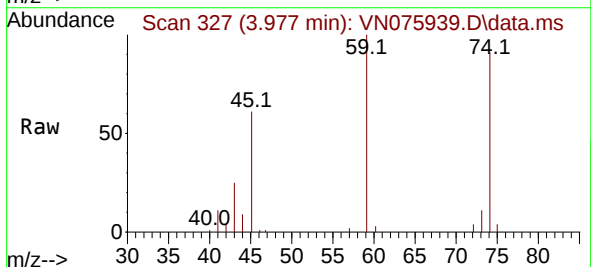
Instrument :
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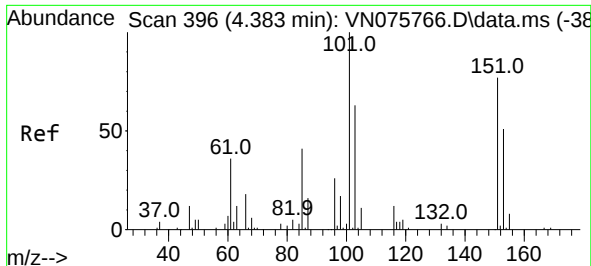
Tgt Ion:101 Resp: 81603
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.4 80.2



#8
 Diethyl Ether
 Concen: 20.338 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075939.D
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Tgt Ion: 74 Resp: 32204
 Ion Ratio Lower Upper
 74 100
 45 73.4 37.8 113.4

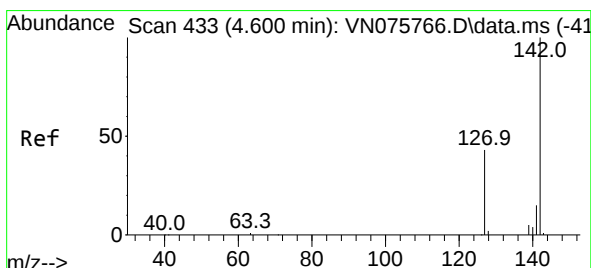
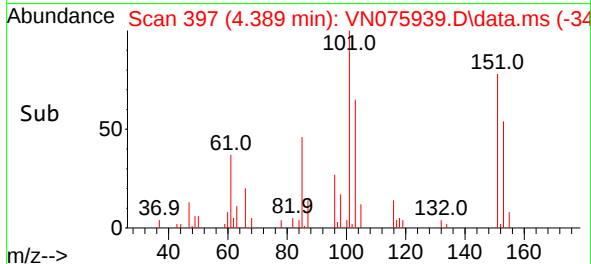
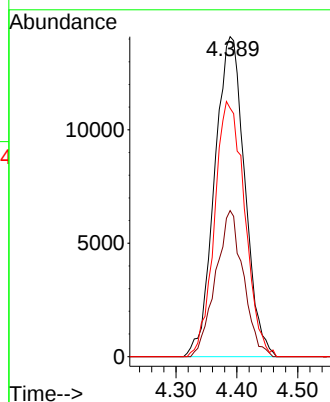
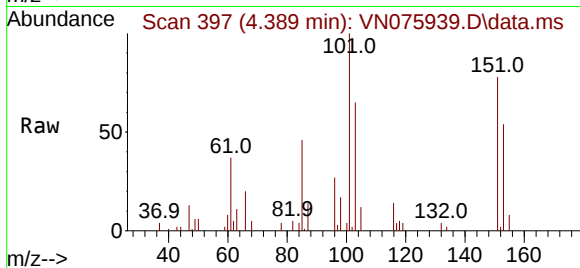




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.577 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

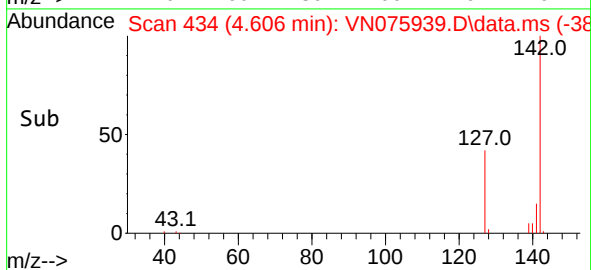
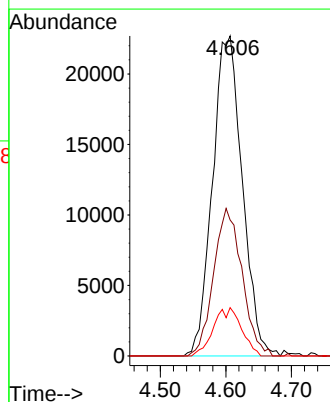
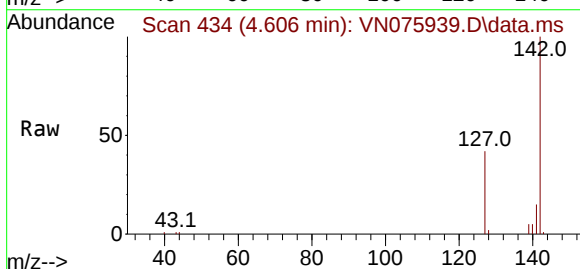
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Tgt Ion:	101	Resp:	48463
Ion	Ratio	Lower	Upper
101	100		
85	42.1	35.3	52.9
151	79.9	65.6	98.4



#10
 Methyl Iodide
 Concen: 17.801 ug/l
 RT: 4.606 min Scan# 434
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Tgt Ion:	142	Resp:	71518
Ion	Ratio	Lower	Upper
142	100		
127	44.0	34.7	52.1
141	7.3	11.4	17.2

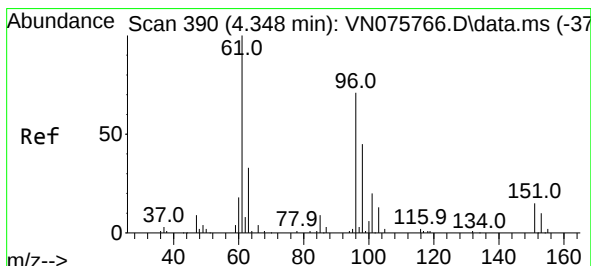
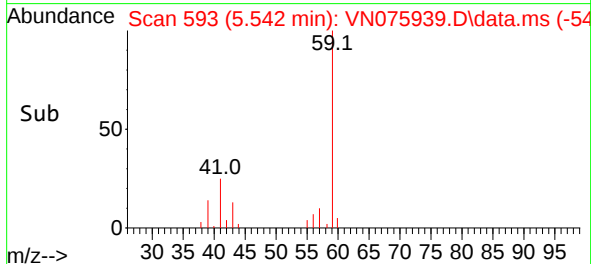
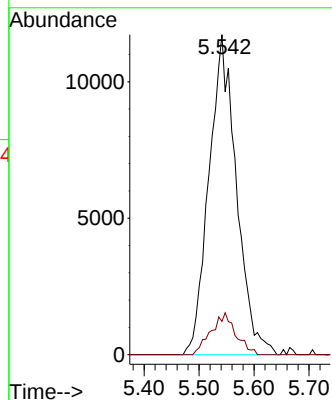
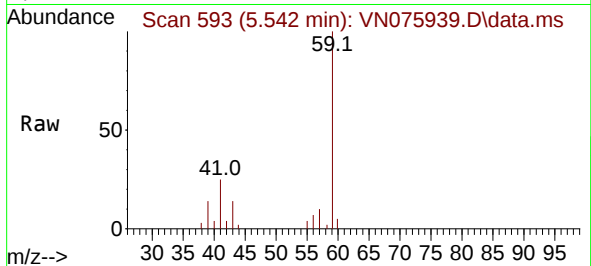




#11
Tert butyl alcohol
Concen: 97.573 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

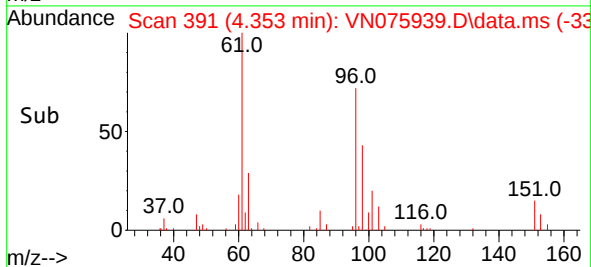
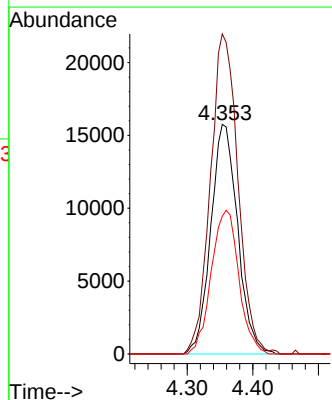
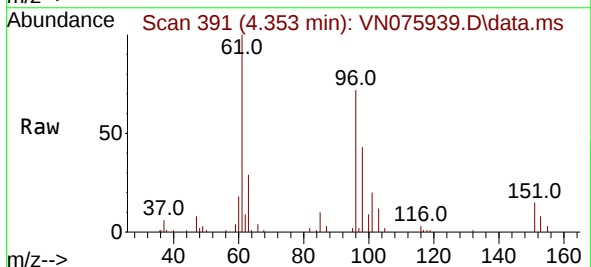
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 59 Resp: 40747
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.608 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 96 Resp: 44741
Ion Ratio Lower Upper
96 100
61 139.4 113.3 169.9
98 59.9 50.9 76.3

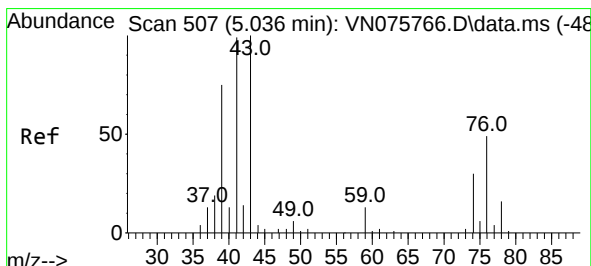
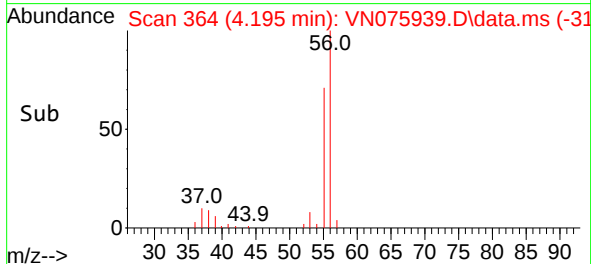
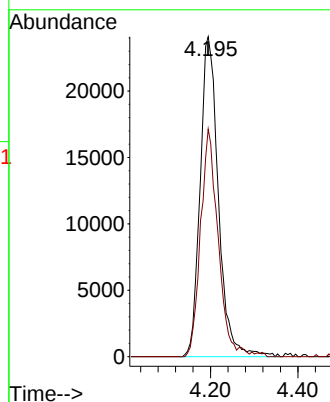
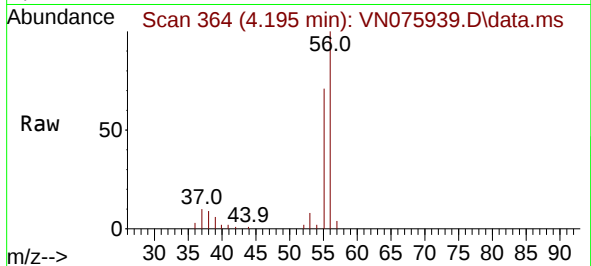




#13
Acrolein
Concen: 136.921 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

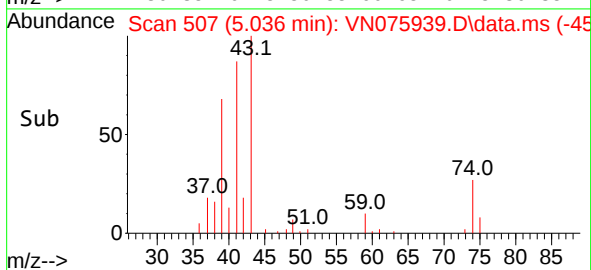
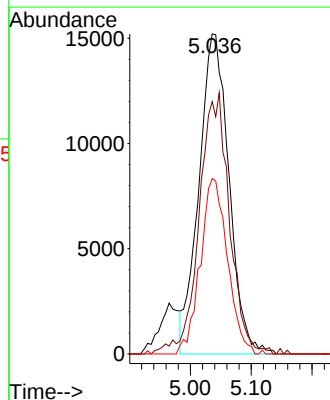
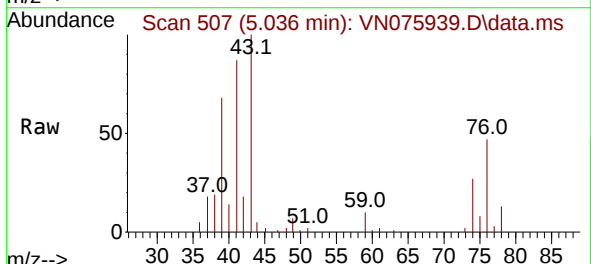
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

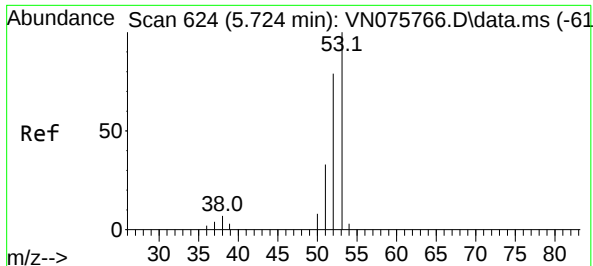
Tgt Ion: 56 Resp: 70099
Ion Ratio Lower Upper
56 100
55 68.2 54.8 82.2



#14
Allyl chloride
Concen: 18.534 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 41 Resp: 52092
Ion Ratio Lower Upper
41 100
39 82.3 58.3 87.5
76 49.6 35.8 53.6

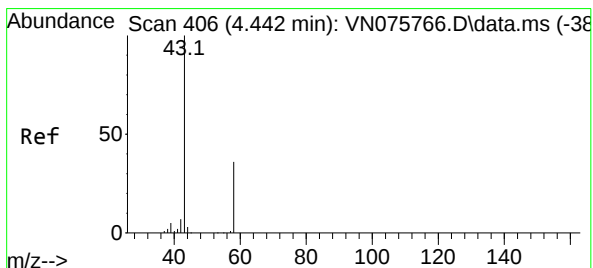
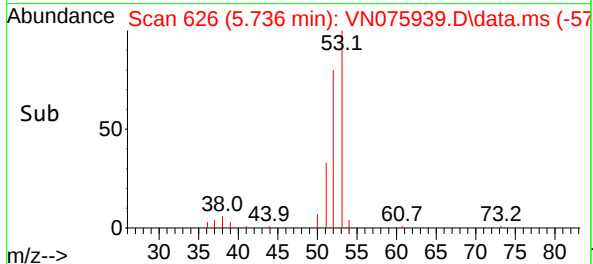
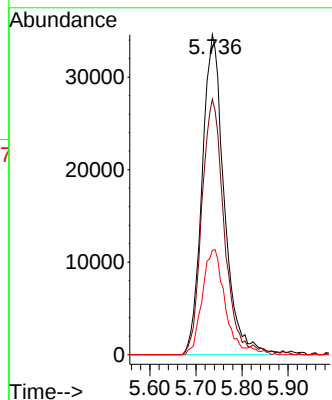
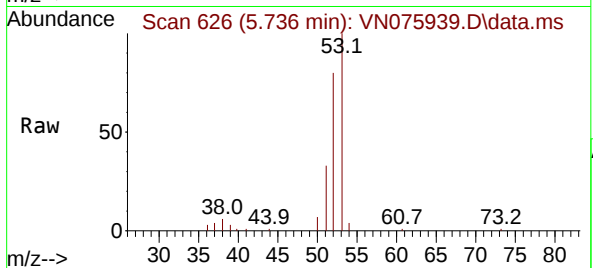




#15
Acrylonitrile
Concen: 101.415 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

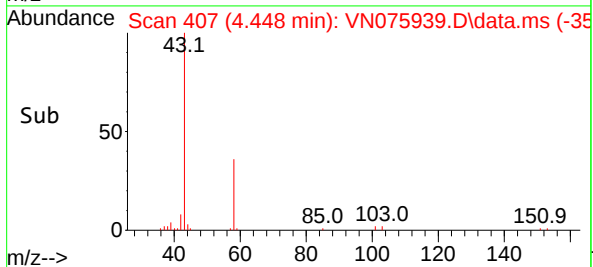
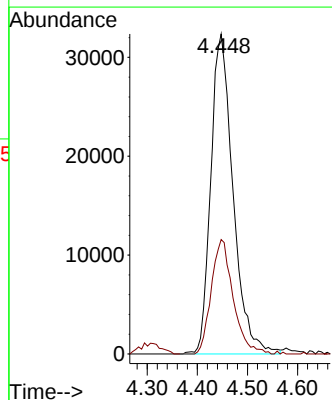
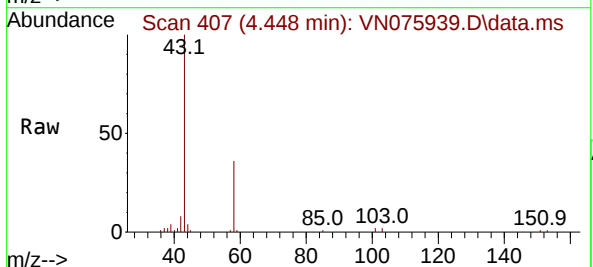
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

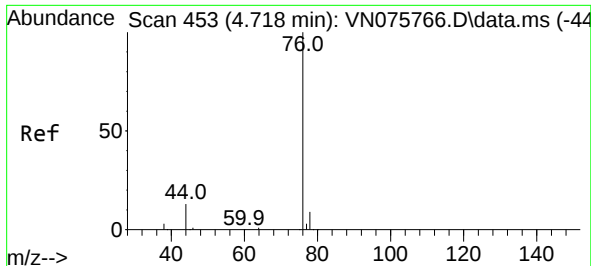
Tgt Ion: 53 Resp: 115574
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 33.3 28.9 43.3



#16
Acetone
Concen: 98.009 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 43 Resp: 99711
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0

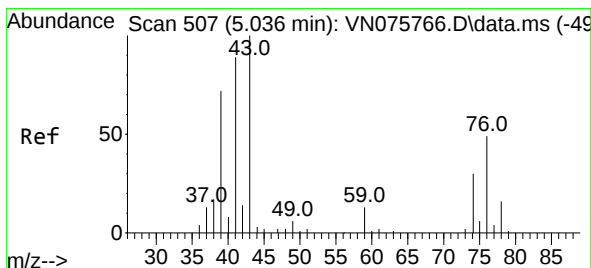
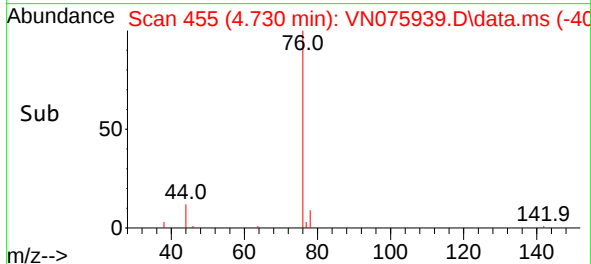
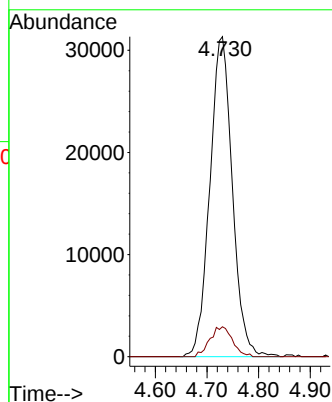
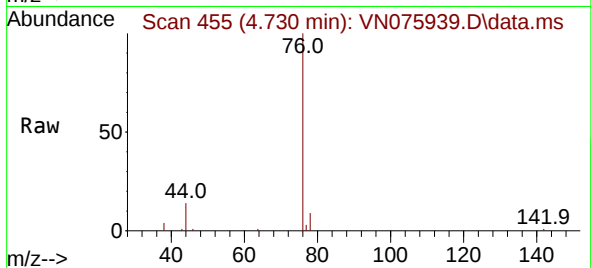




#17
Carbon Disulfide
Concen: 16.276 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

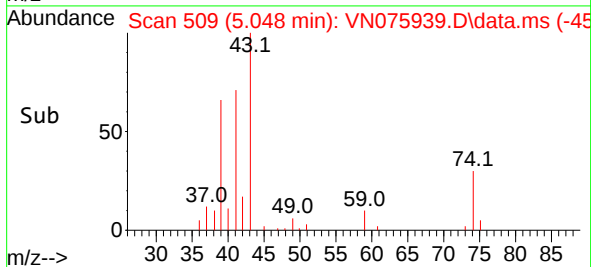
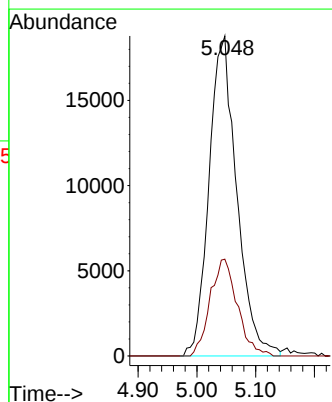
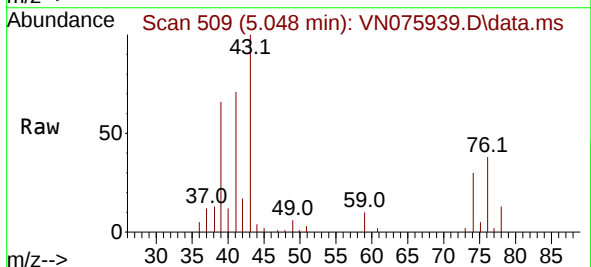
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

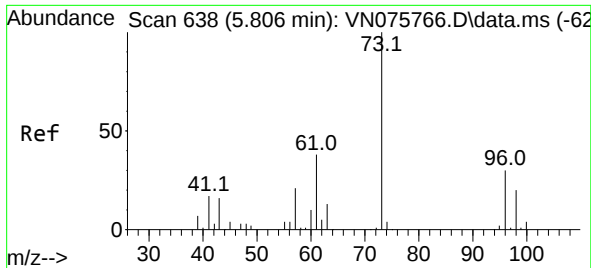
Tgt Ion: 76 Resp: 94747
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 20.440 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 43 Resp: 61469
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4

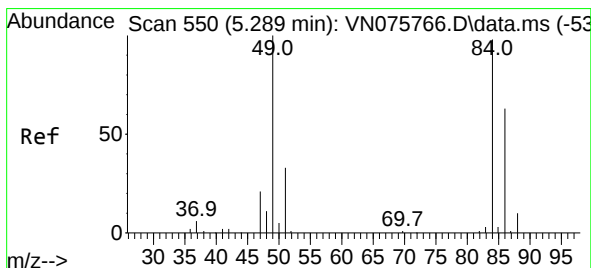
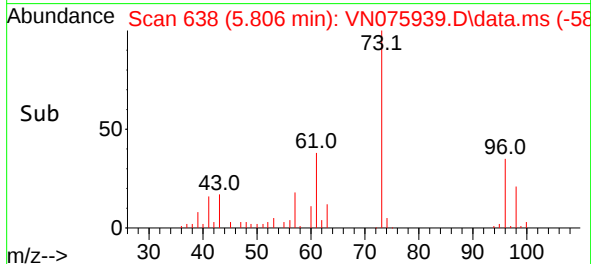
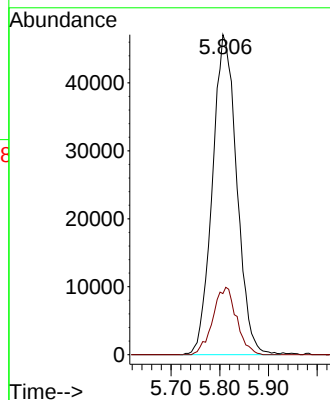
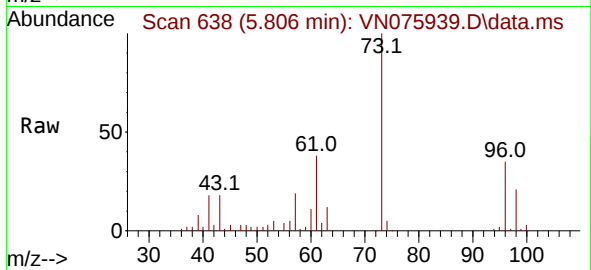




#19
Methyl tert-butyl Ether
Concen: 20.706 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

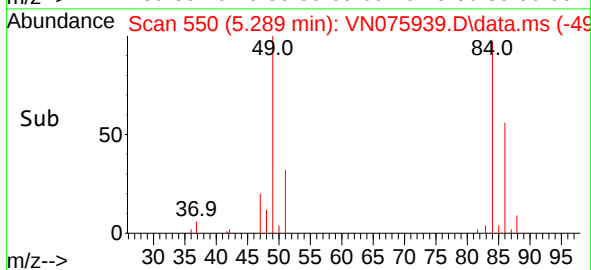
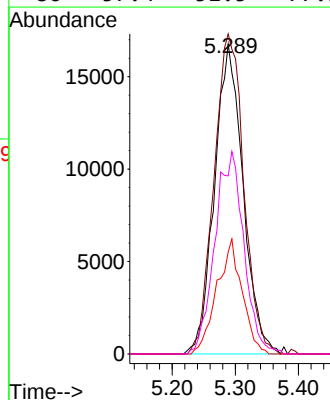
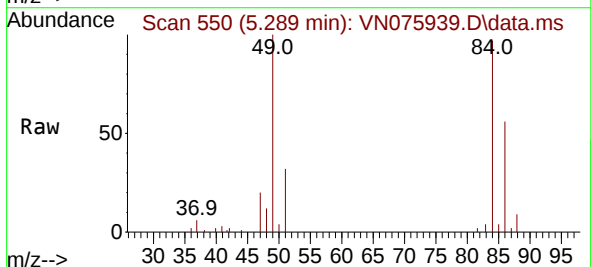
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

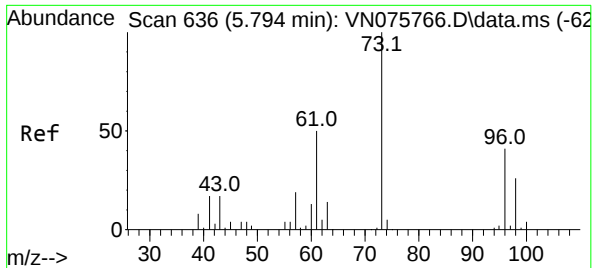
Tgt Ion: 73 Resp: 163939
Ion Ratio Lower Upper
73 100
57 19.1 17.1 25.7



#20
Methylene Chloride
Concen: 18.927 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 84 Resp: 52593
Ion Ratio Lower Upper
84 100
49 103.2 81.8 122.6
51 32.9 26.7 40.1
86 57.4 51.5 77.3

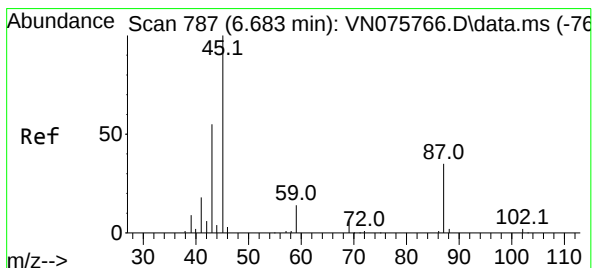
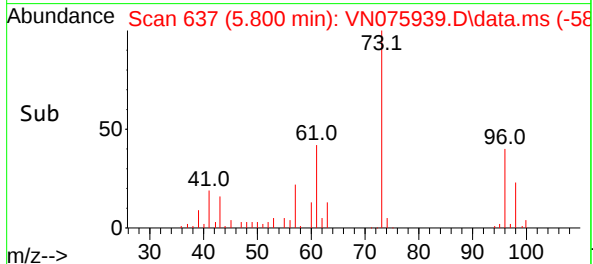
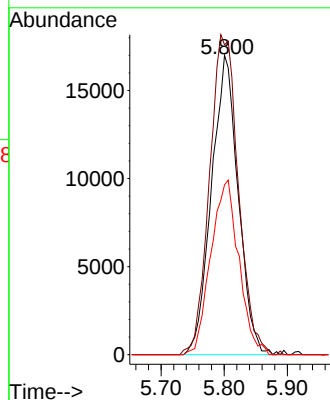
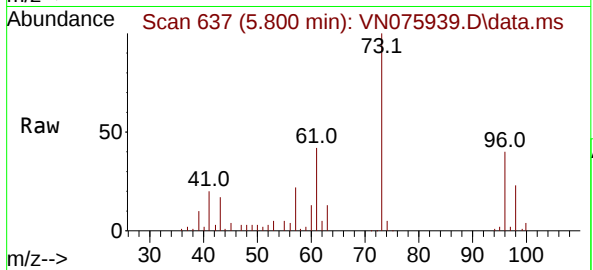




#21
trans-1,2-Dichloroethene
Concen: 18.988 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

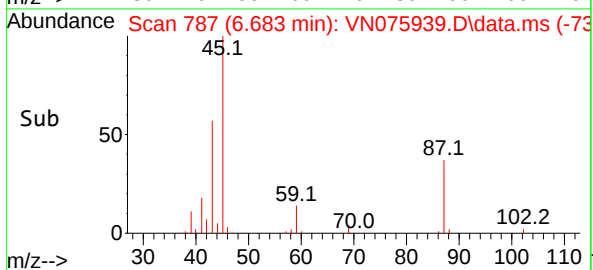
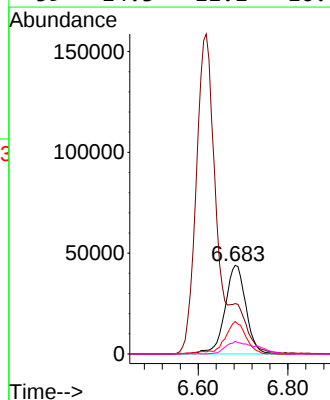
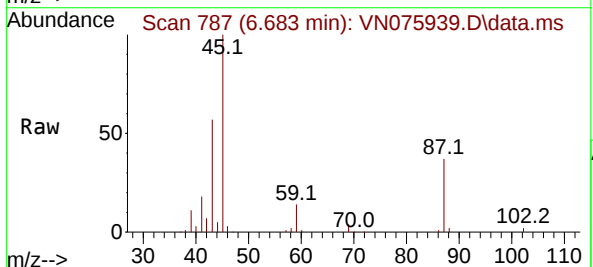
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

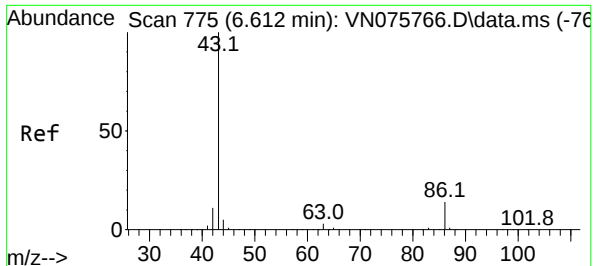
Tgt Ion: 96 Resp: 49999
Ion Ratio Lower Upper
96 100
61 103.5 98.1 147.1
98 56.7 51.4 77.2



#22
Diisopropyl ether
Concen: 20.818 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 45 Resp: 142143
Ion Ratio Lower Upper
45 100
43 55.6 44.2 66.4
87 36.6 28.3 42.5
59 14.3 11.1 16.7

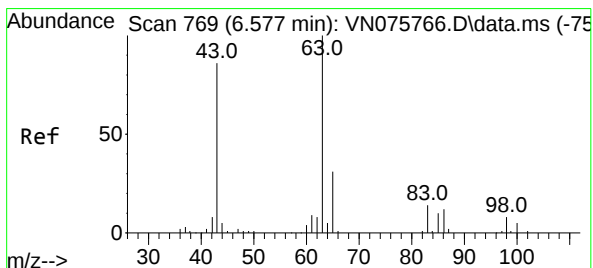
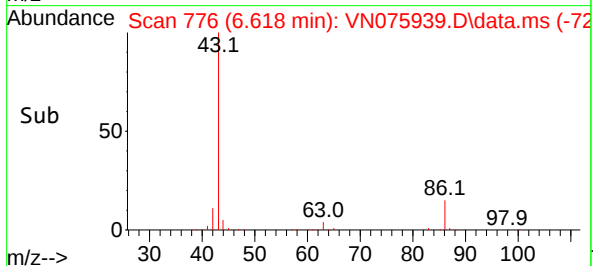
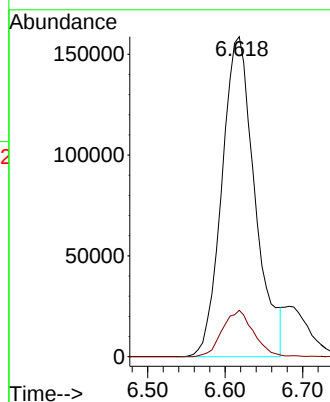
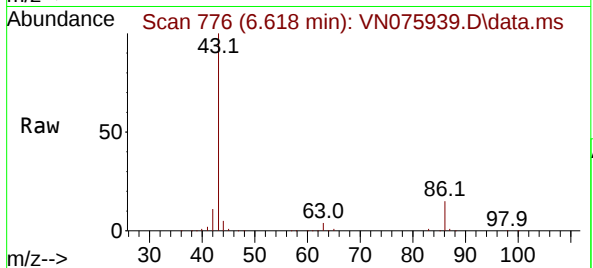




#23
 Vinyl Acetate
 Concen: 102.440 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

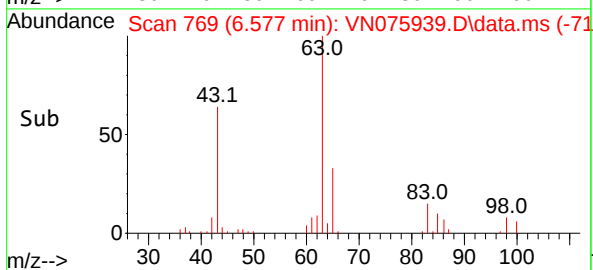
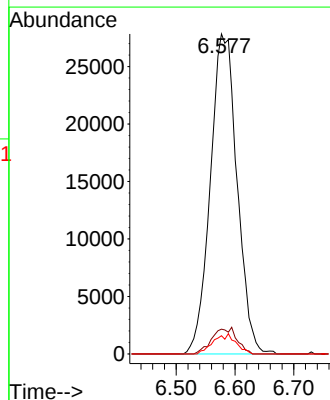
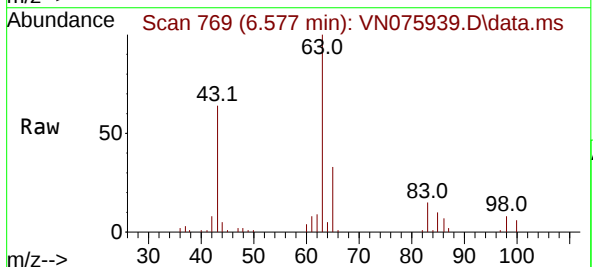
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

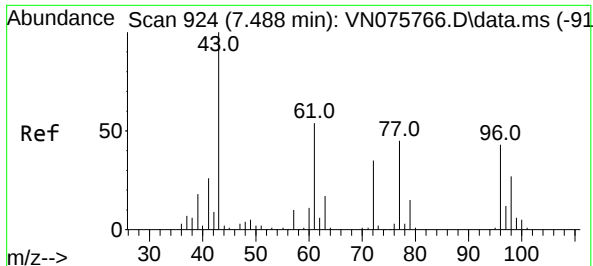
Tgt Ion: 43 Resp: 470776
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.320 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Tgt Ion: 63 Resp: 87975
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 103.957 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

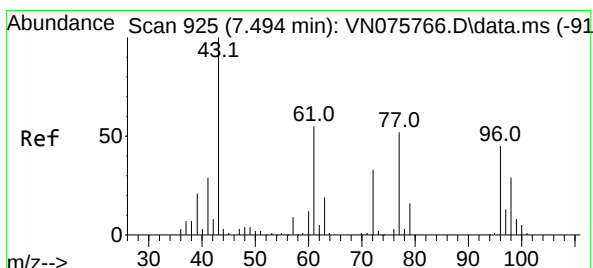
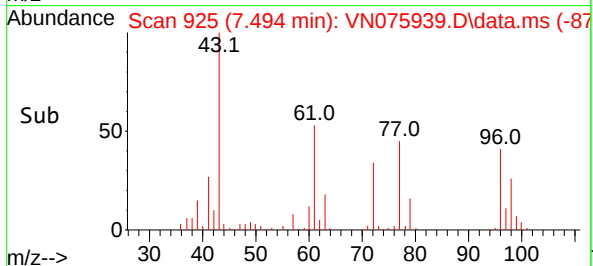
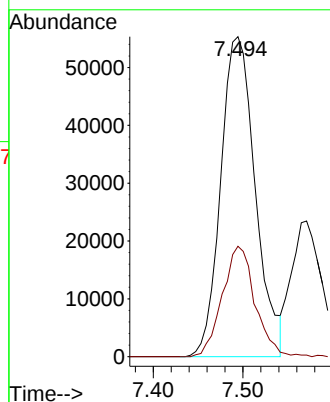
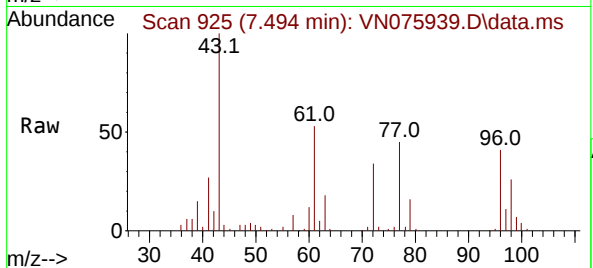
VN1222WBSD01

Tgt Ion: 43 Resp: 148086

Ion Ratio Lower Upper

43 100

72 34.5 28.0 42.0



#26

2,2-Dichloropropane

Concen: 19.651 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075939.D

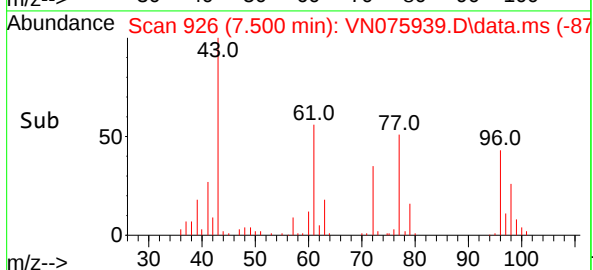
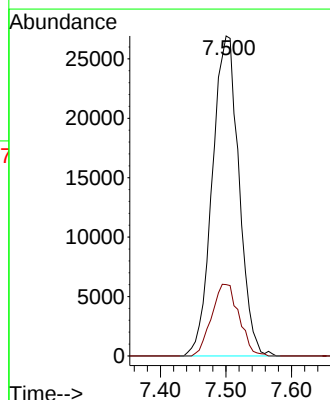
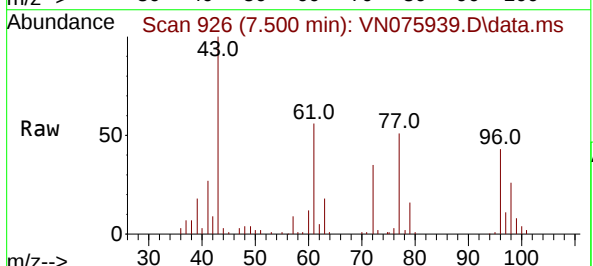
Acq: 22 Dec 2022 12:51

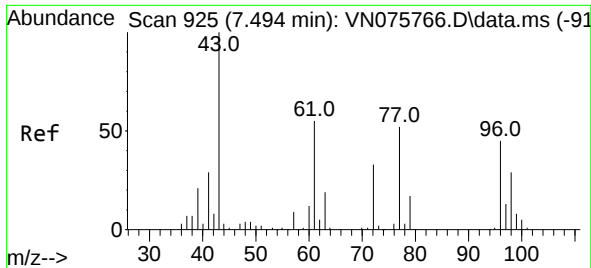
Tgt Ion: 77 Resp: 75780

Ion Ratio Lower Upper

77 100

97 23.0 12.7 38.0

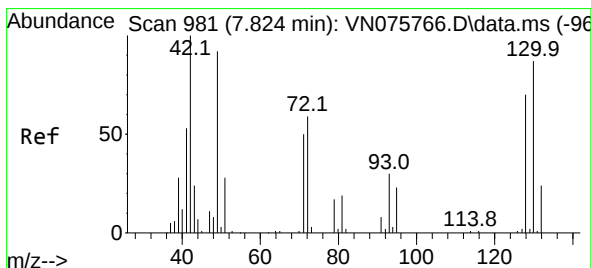
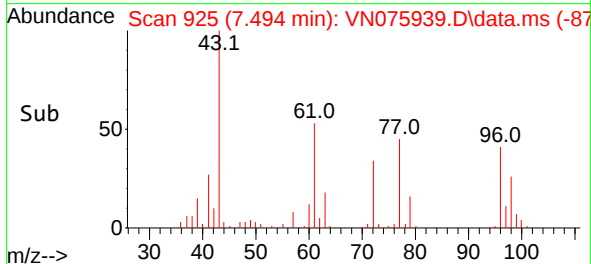
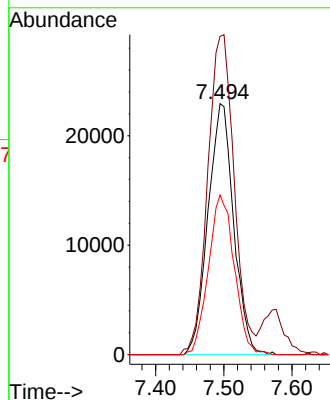
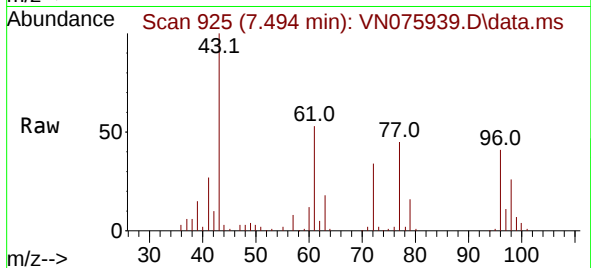




#27
 cis-1,2-Dichloroethene
 Concen: 19.068 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

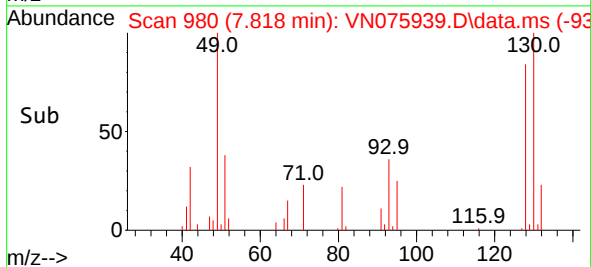
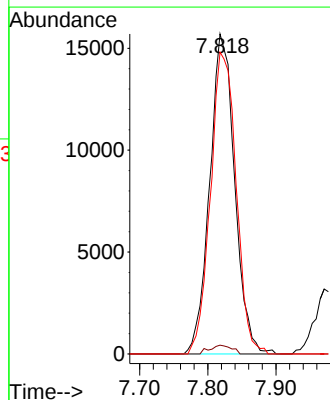
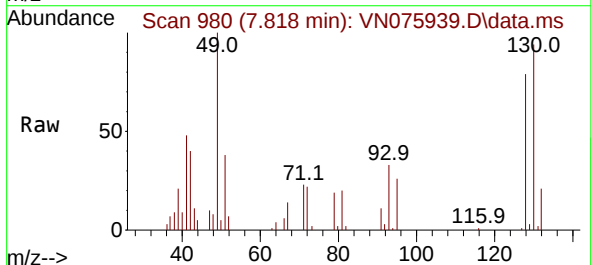
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

Tgt Ion: 96 Resp: 60048
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 247.8
 98 64.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.078 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Tgt Ion: 49 Resp: 40072
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 105.699 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

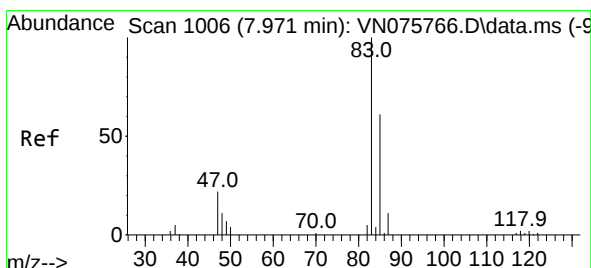
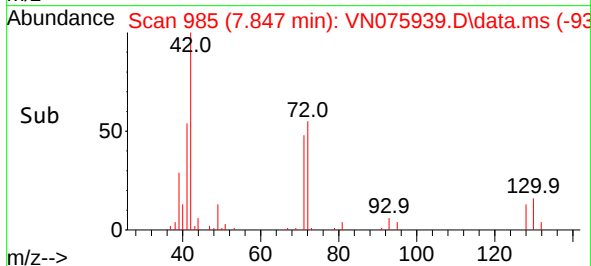
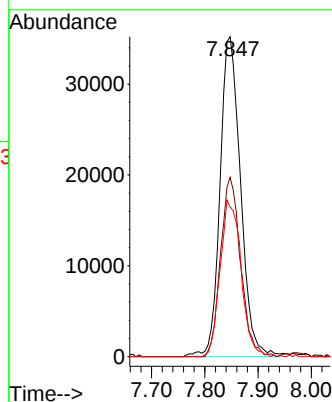
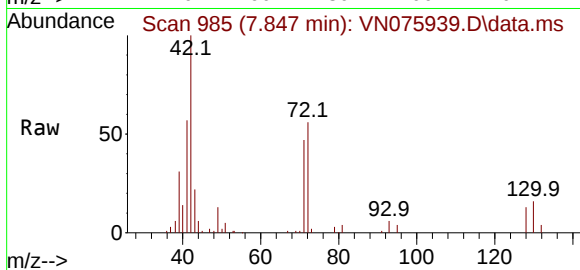
Tgt Ion: 42 Resp: 94357

Ion Ratio Lower Upper

42 100

72 54.6 44.5 66.7

71 50.0 41.0 61.6



#30

Chloroform

Concen: 19.396 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075939.D

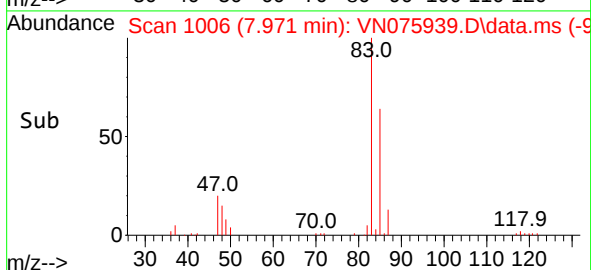
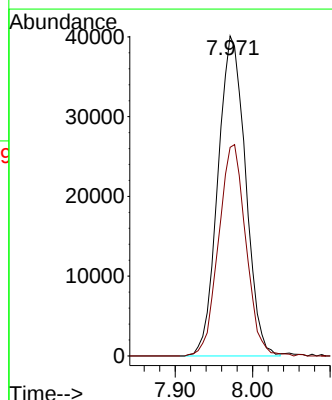
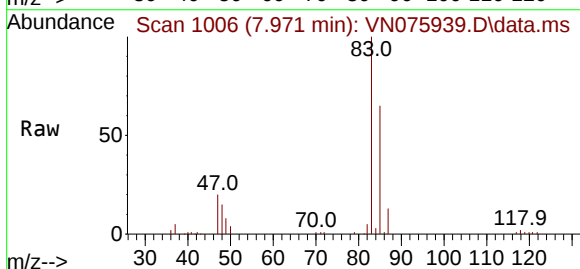
Acq: 22 Dec 2022 12:51

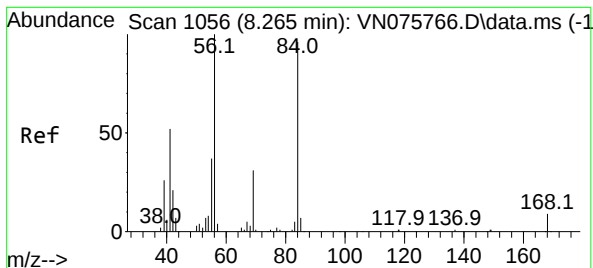
Tgt Ion: 83 Resp: 99442

Ion Ratio Lower Upper

83 100

85 65.2 49.1 73.7





#31

Cyclohexane

Concen: 18.088 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

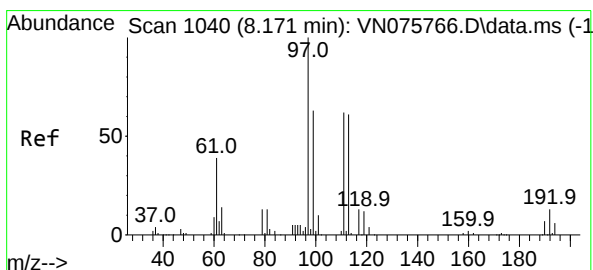
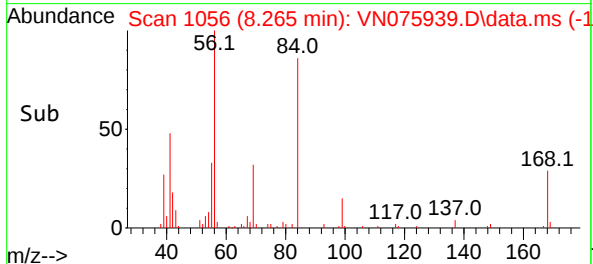
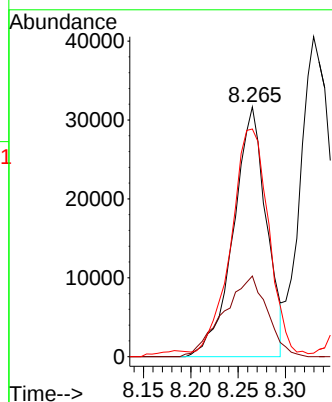
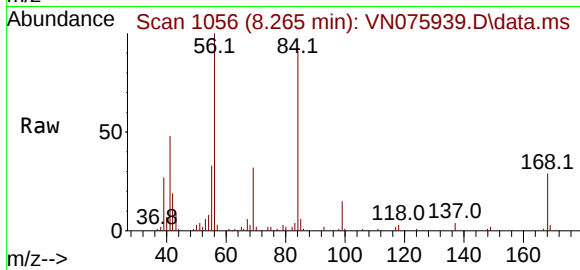
Tgt Ion: 56 Resp: 76455

Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 88.9 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.231 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

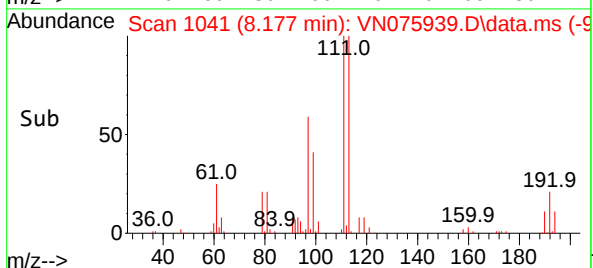
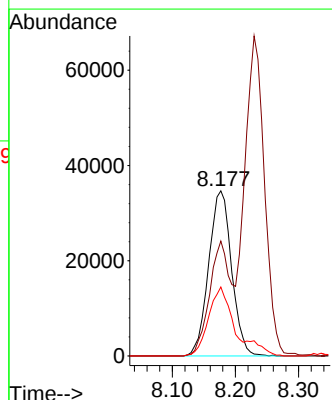
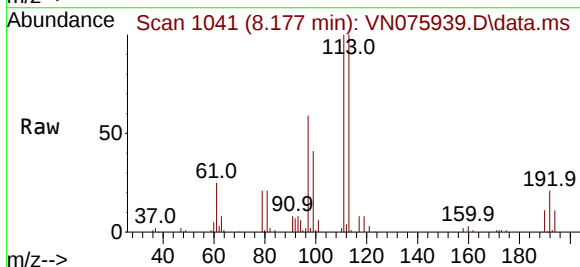
Tgt Ion: 97 Resp: 87409

Ion Ratio Lower Upper

97 100

99 66.3 50.2 75.2

61 48.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.978 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

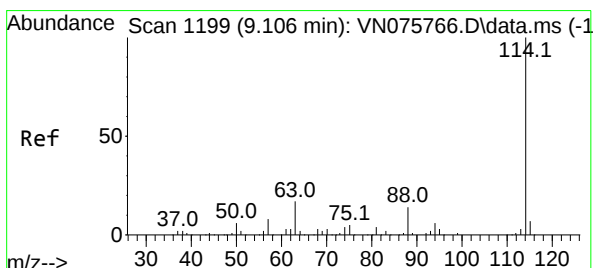
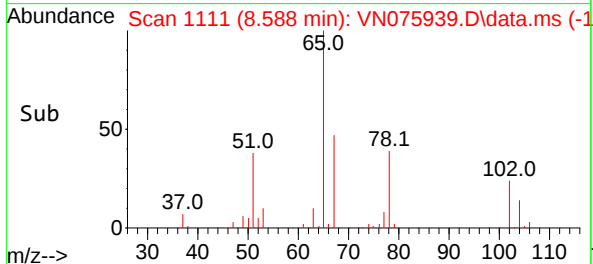
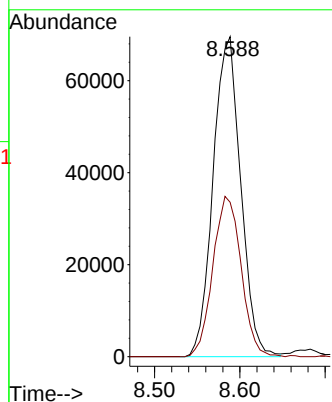
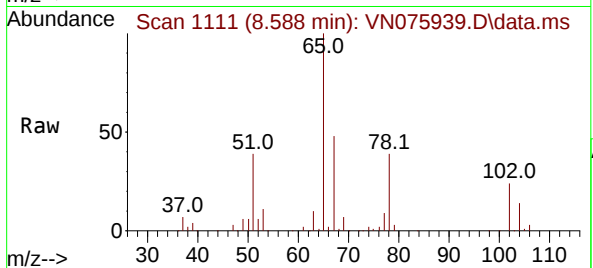
VN1222WBSD01

Tgt Ion: 65 Resp: 156352

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

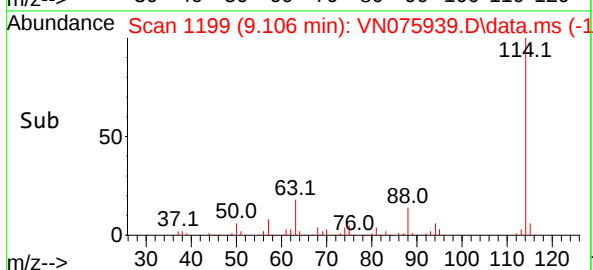
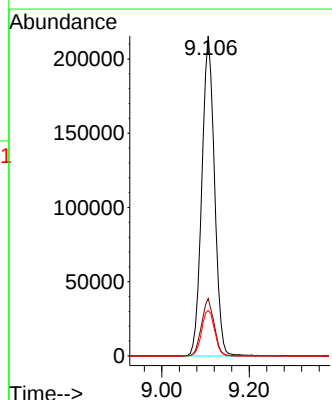
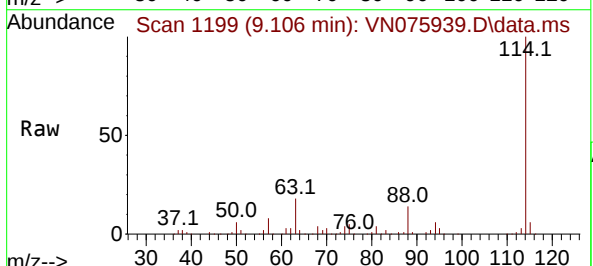
Tgt Ion: 114 Resp: 434252

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.722 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

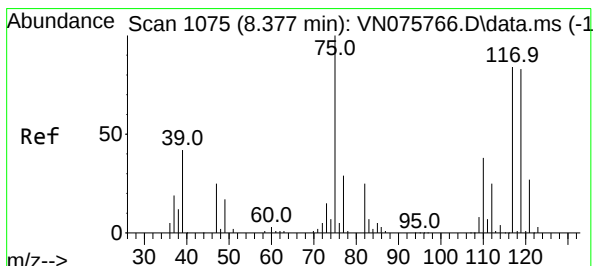
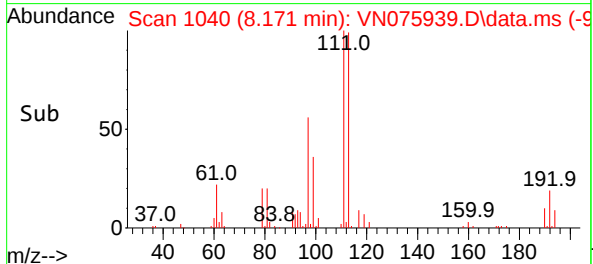
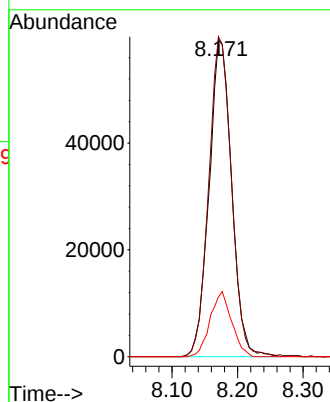
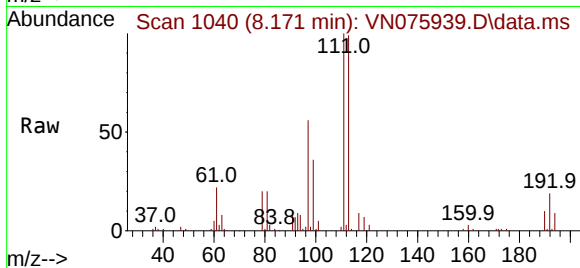
Tgt Ion:113 Resp: 141782

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 19.386 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

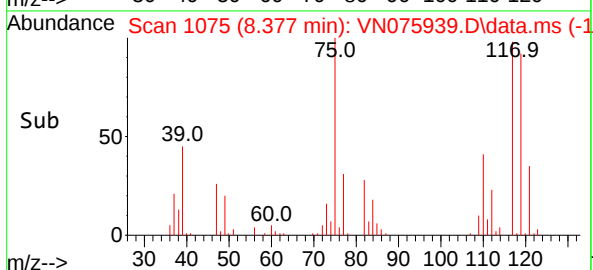
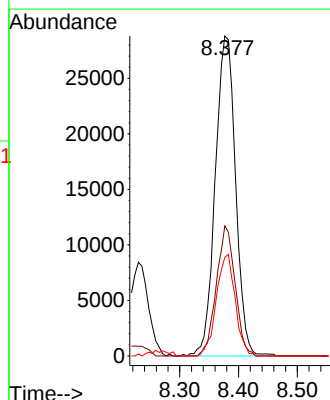
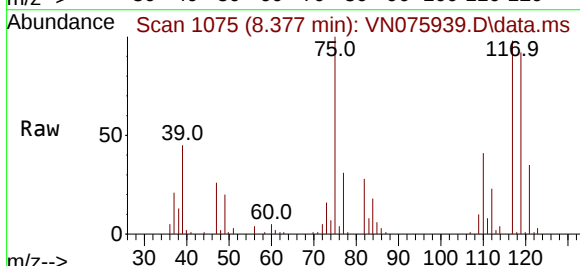
Tgt Ion: 75 Resp: 69256

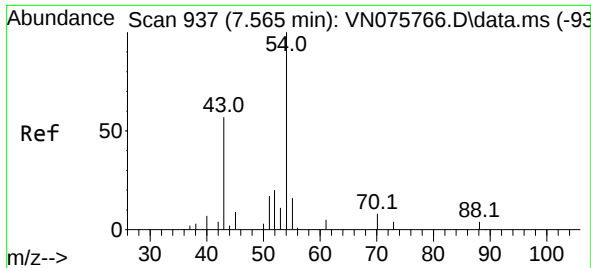
Ion Ratio Lower Upper

75 100

110 37.4 18.8 56.4

77 29.5 24.1 36.1

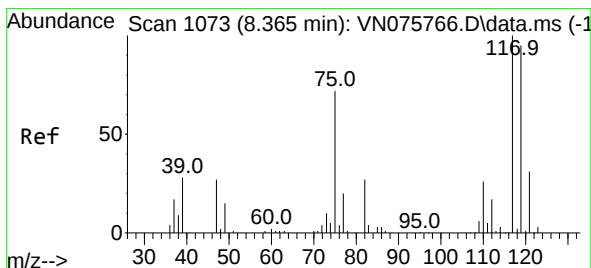
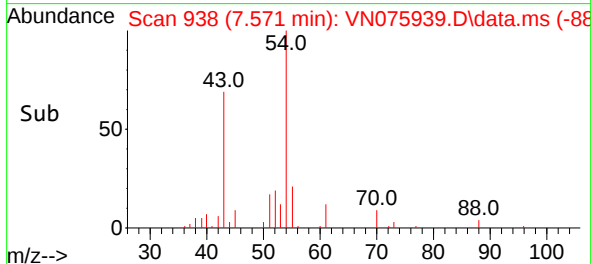
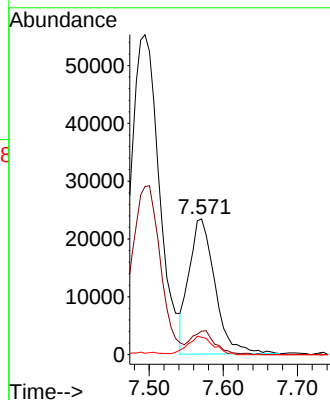
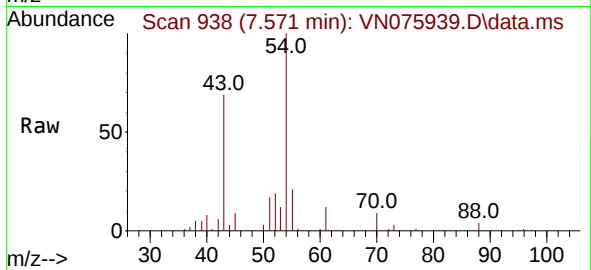




#37
Ethyl Acetate
Concen: 19.882 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

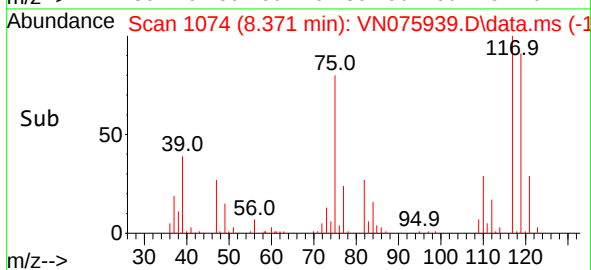
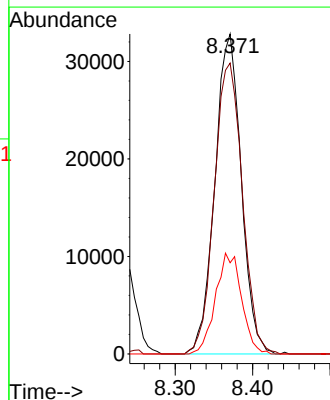
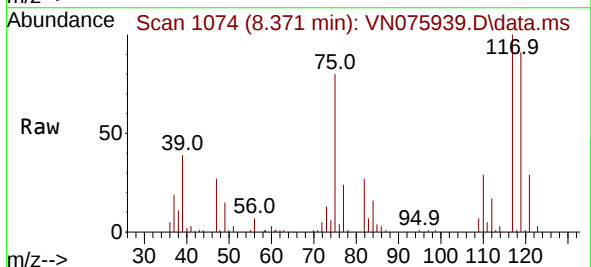
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

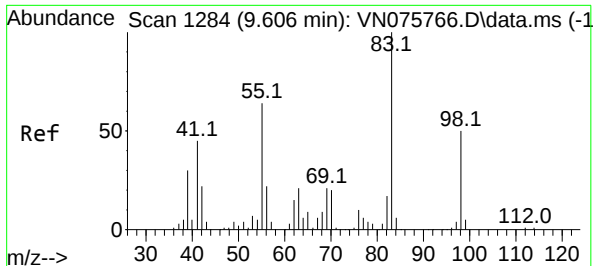
Tgt Ion: 43 Resp: 57051
Ion Ratio Lower Upper
43 100
61 16.4 13.0 19.4
70 13.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.420 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 117 Resp: 77648
Ion Ratio Lower Upper
117 100
119 90.9 76.1 114.1
121 28.5 24.5 36.7

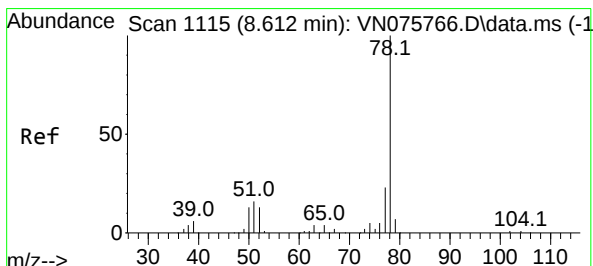
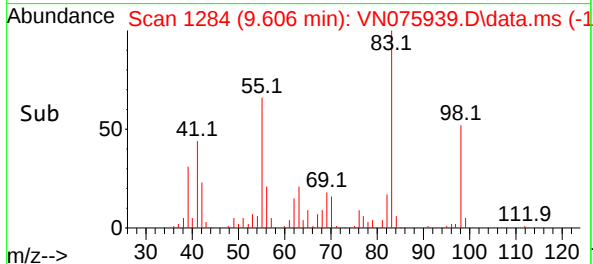
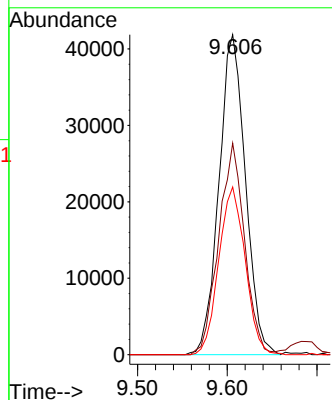
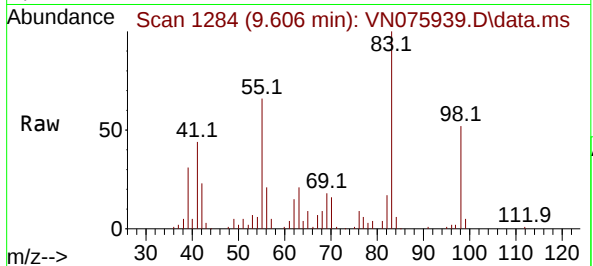




#39
Methylcyclohexane
Concen: 19.885 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

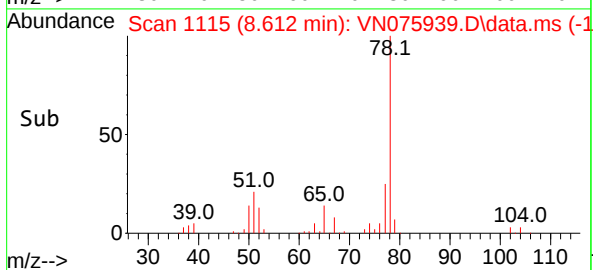
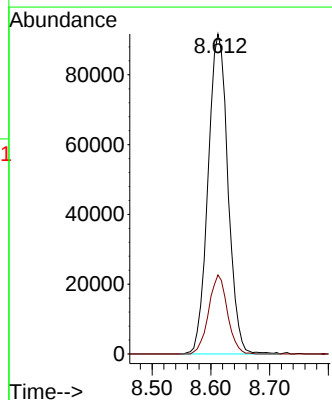
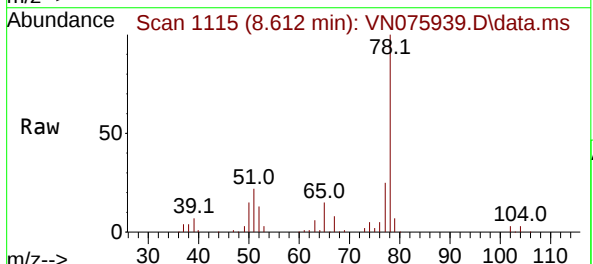
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 83 Resp: 85702
Ion Ratio Lower Upper
83 100
55 66.1 51.4 77.0
98 52.4 39.8 59.8



#40
Benzene
Concen: 19.566 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 78 Resp: 215656
Ion Ratio Lower Upper
78 100
77 24.7 18.5 27.7

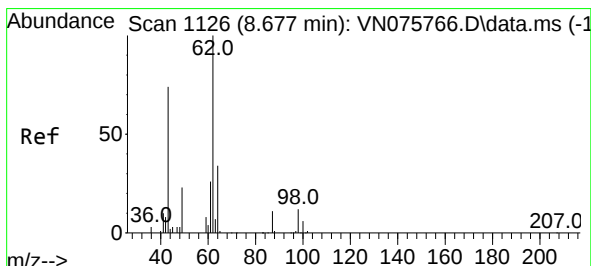
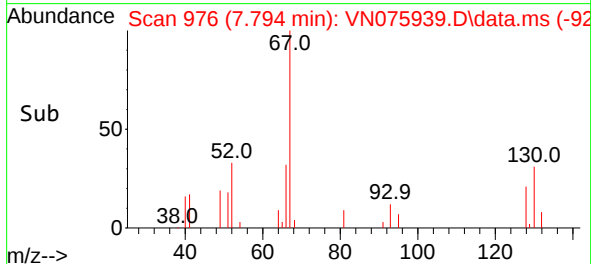
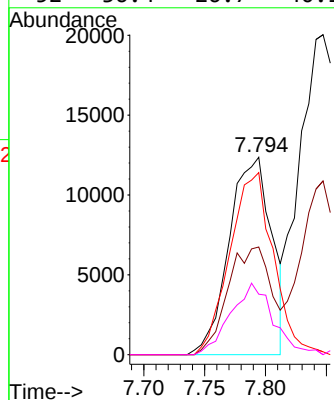
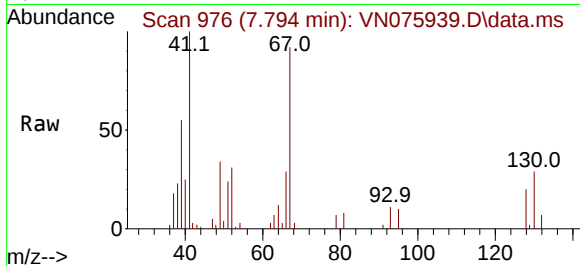




#41
Methacrylonitrile
Concen: 20.141 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

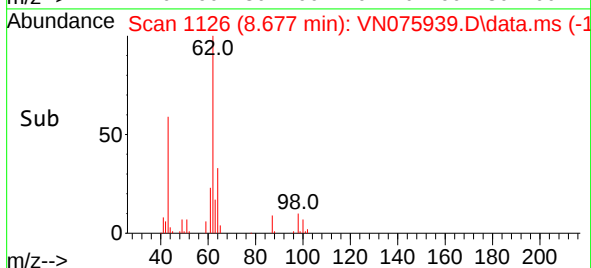
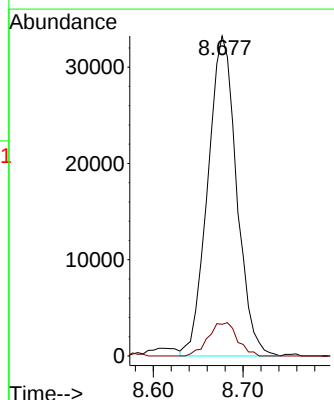
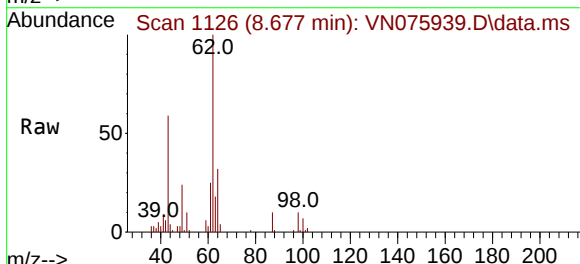
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

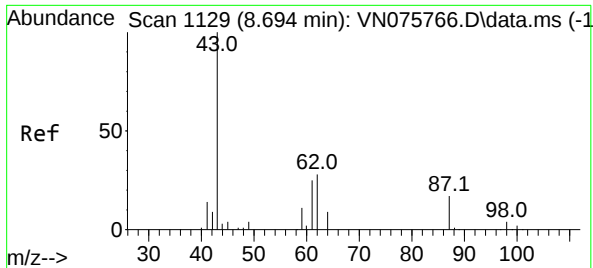
Tgt Ion: 41	Resp: 30042
Ion Ratio	Lower Upper
41	100
39	56.0 43.1 64.7
67	94.6 70.7 106.1
52	36.4 26.7 40.1



#42
1,2-Dichloroethane
Concen: 20.289 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 62	Resp: 74348
Ion Ratio	Lower Upper
62	100
98	10.4 0.0 20.8

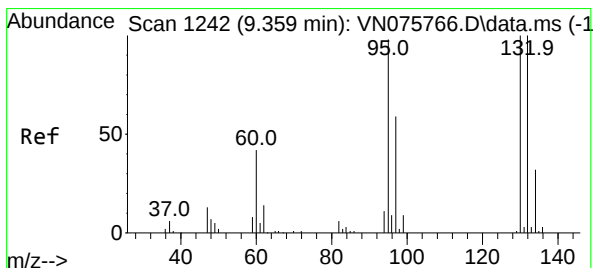
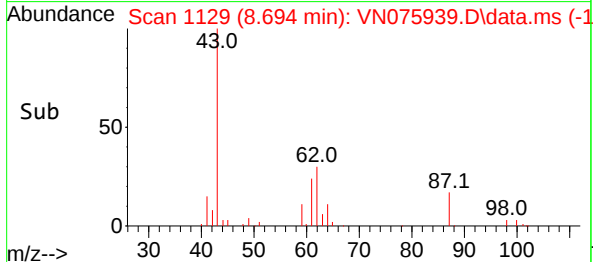
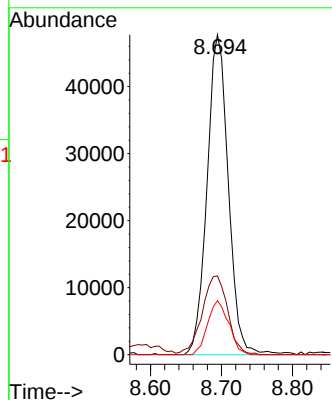
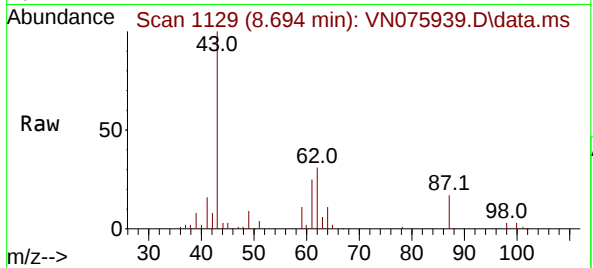




#43
Isopropyl Acetate
Concen: 20.992 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

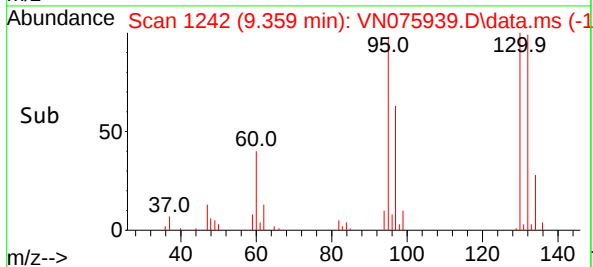
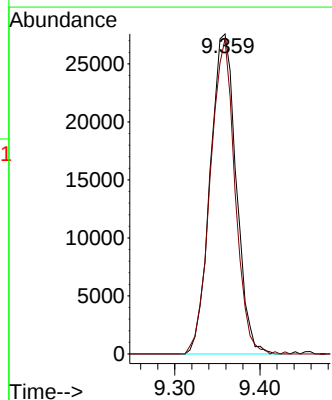
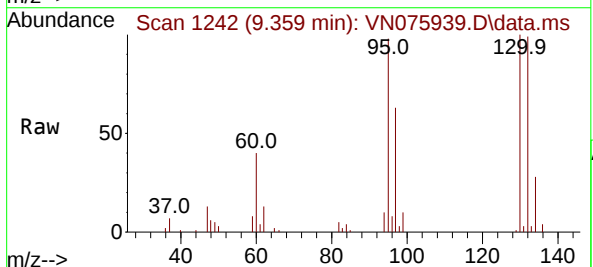
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 43	Resp: 99364
Ion Ratio	Lower Upper
43	100
61	29.6 24.2 36.4
87	16.7 13.3 19.9



#44
Trichloroethene
Concen: 18.812 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 130	Resp: 58415
Ion Ratio	Lower Upper
130	100
95	98.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.019 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

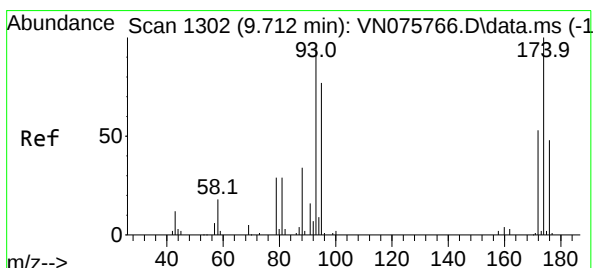
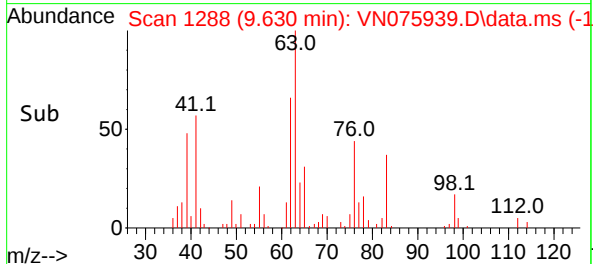
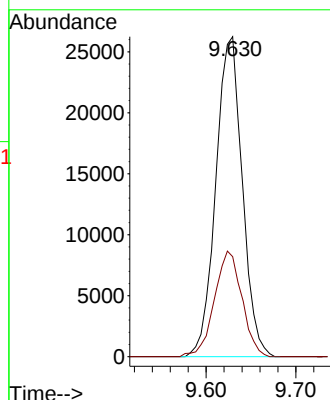
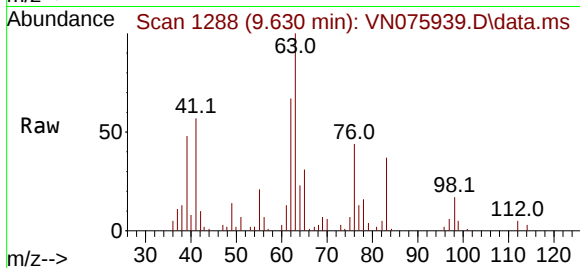
VN1222WBSD01

Tgt Ion: 63 Resp: 53695

Ion Ratio Lower Upper

63 100

65 31.3 25.7 38.5



#46

Dibromomethane

Concen: 19.886 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

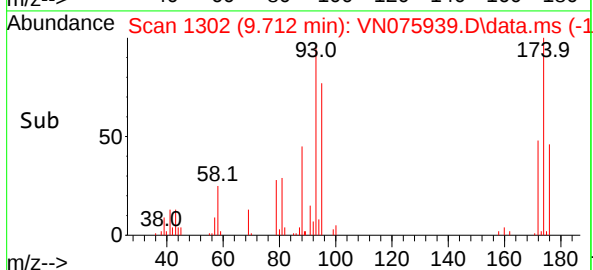
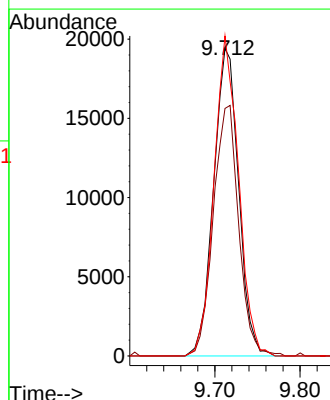
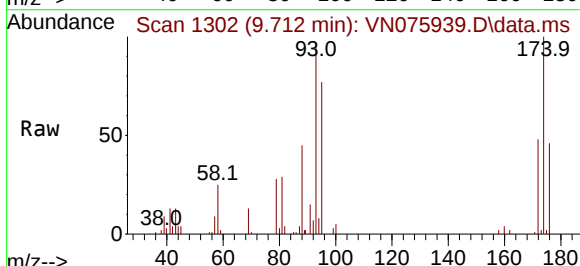
Tgt Ion: 93 Resp: 39560

Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 102.0 82.4 123.6

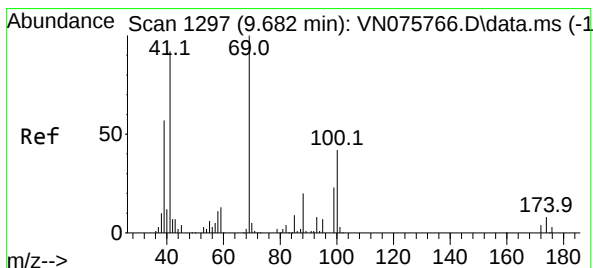
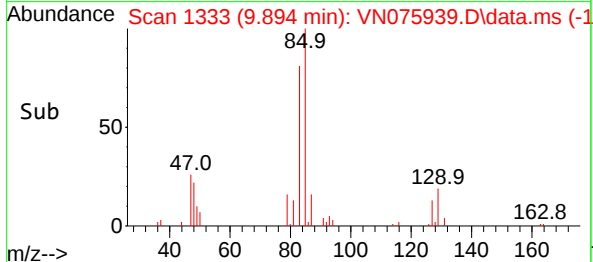
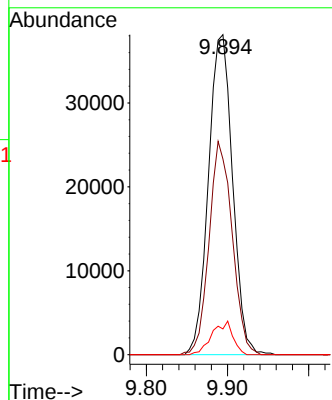
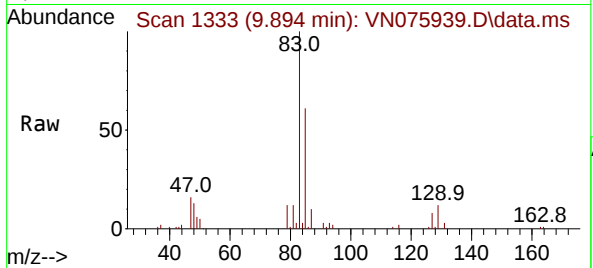




#47
Bromodichloromethane
Concen: 20.175 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

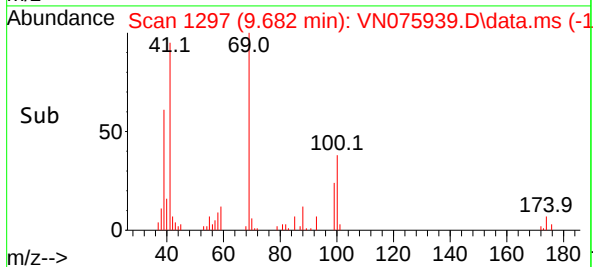
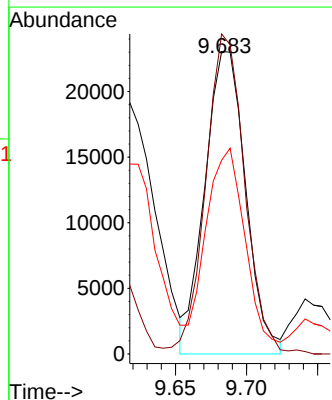
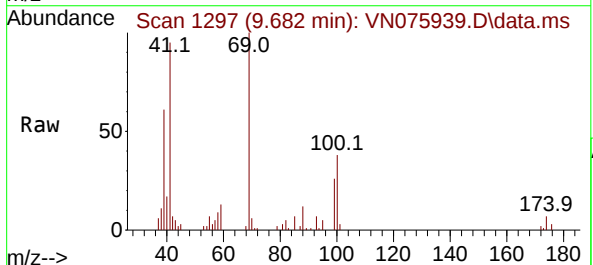
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion: 83 Resp: 78708
Ion Ratio Lower Upper
83 100
85 61.2 51.5 77.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 21.634 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 41 Resp: 46123
Ion Ratio Lower Upper
41 100
69 101.0 81.9 122.9
39 65.5 51.6 77.4





#49

1,4-Dioxane

Concen: 425.418 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

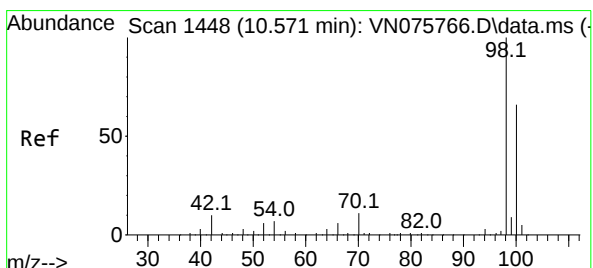
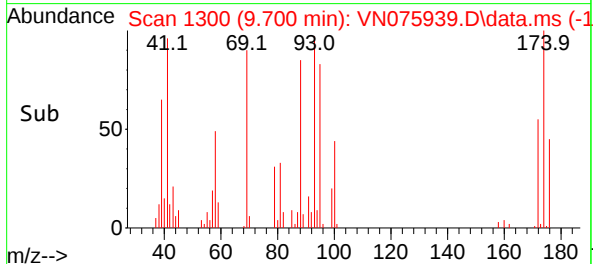
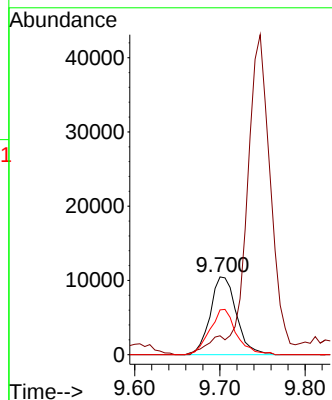
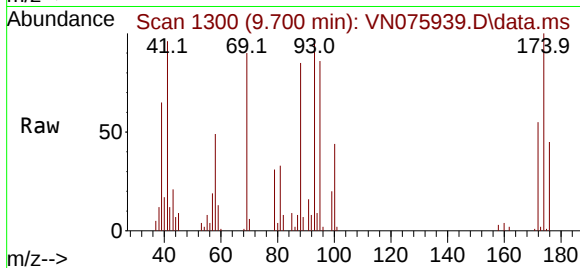
Tgt Ion: 88 Resp: 22297

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 59.2 47.8 71.8



#50

Toluene-d8

Concen: 52.440 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075939.D

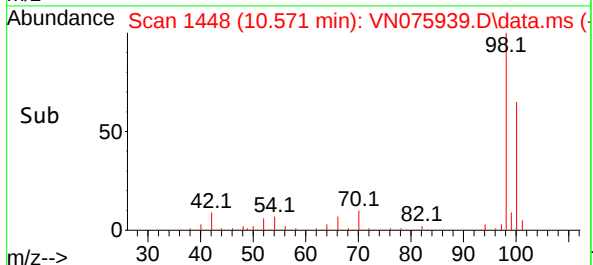
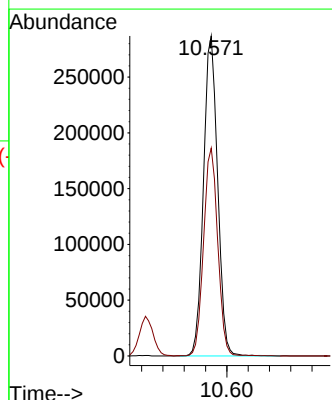
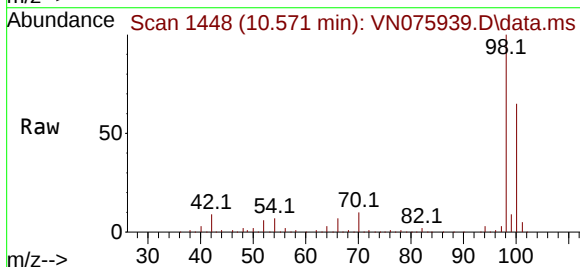
Acq: 22 Dec 2022 12:51

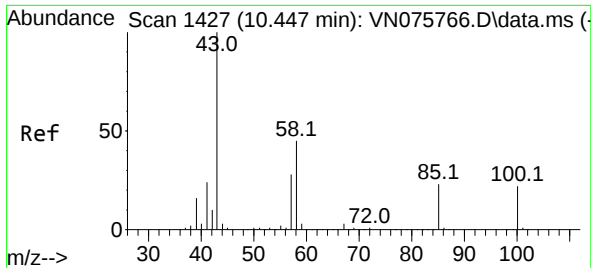
Tgt Ion: 98 Resp: 527280

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

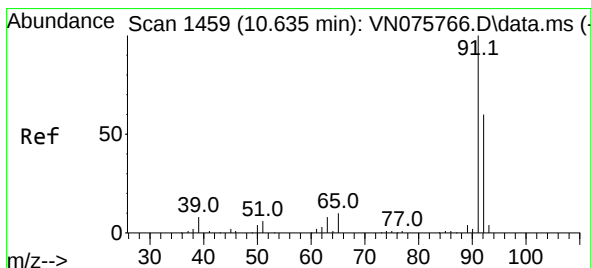
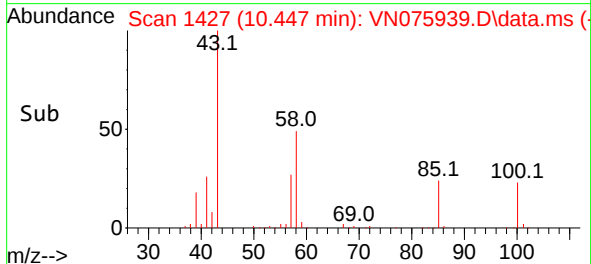
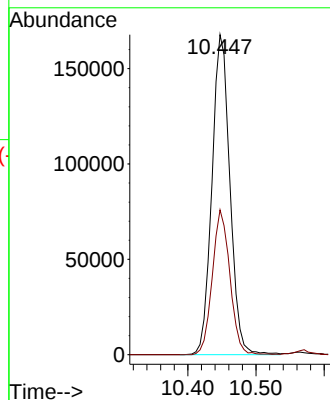
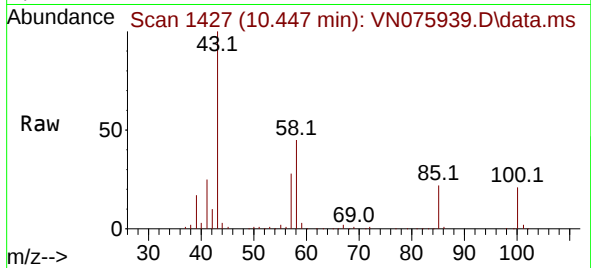




#51
4-Methyl-2-Pentanone
Concen: 107.653 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

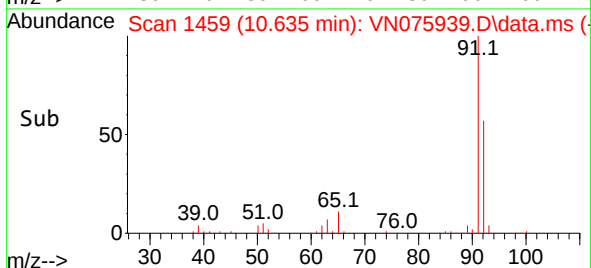
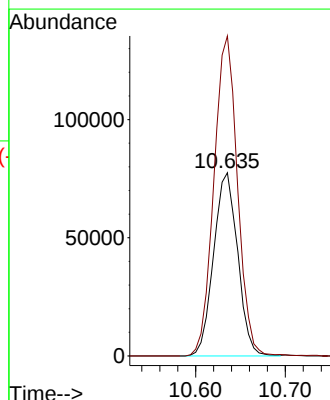
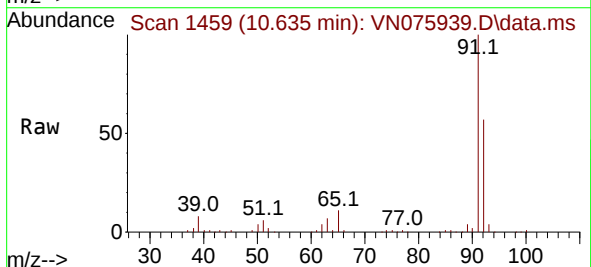
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

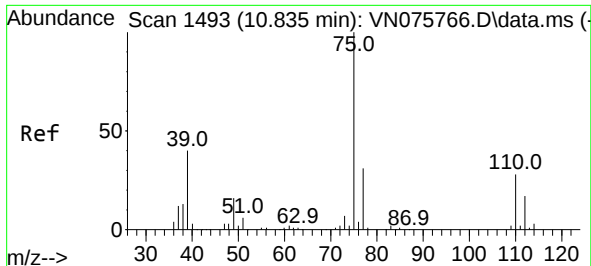
Tgt Ion: 43 Resp: 308168
Ion Ratio Lower Upper
43 100
58 44.3 35.5 53.3



#52
Toluene
Concen: 20.081 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 92 Resp: 144152
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 10.841 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

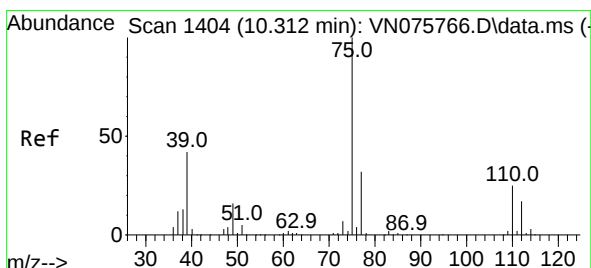
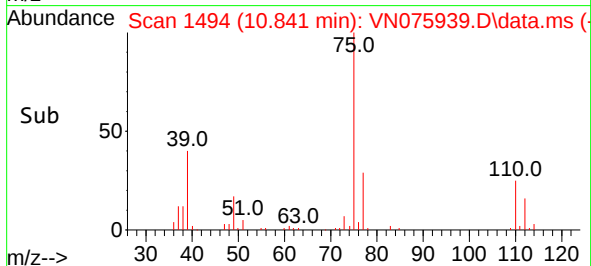
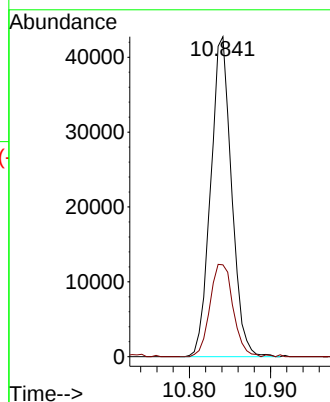
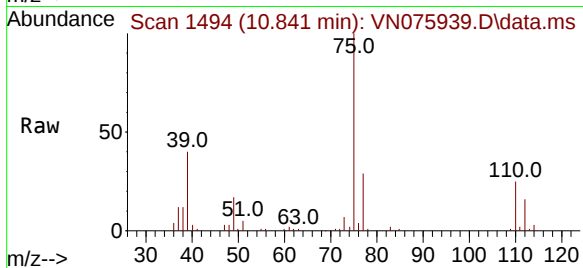
VN1222WBSD01

Tgt Ion: 75 Resp: 76348

Ion Ratio Lower Upper

75 100

77 28.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.366 ug/l

RT: 10.318 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

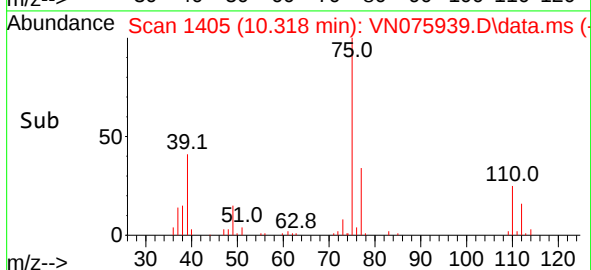
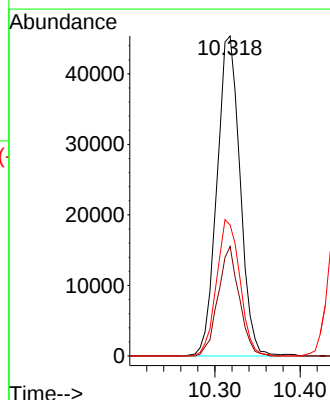
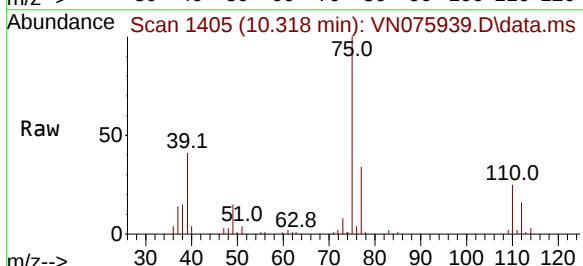
Tgt Ion: 75 Resp: 85393

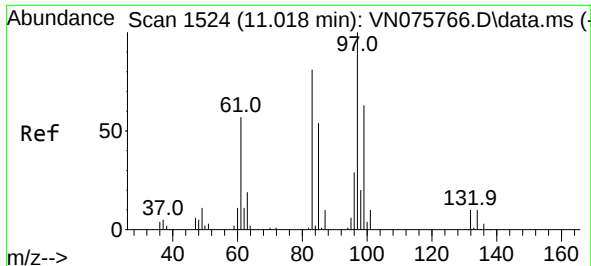
Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.8

39 40.9 33.4 50.2

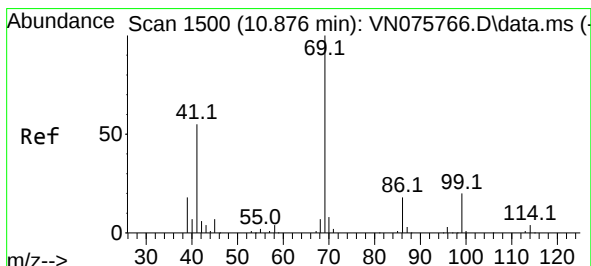
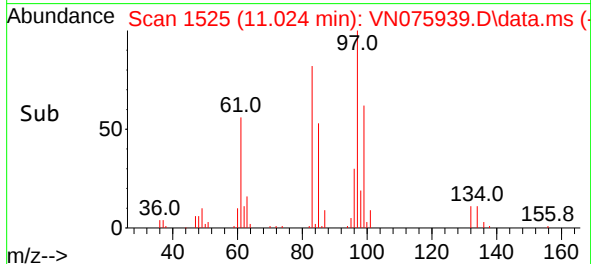
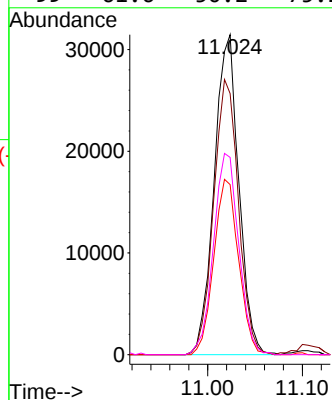
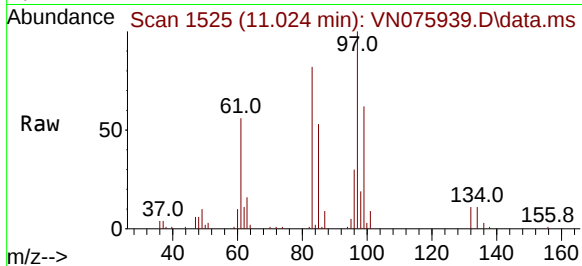




#55
1,1,2-Trichloroethane
Concen: 20.145 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

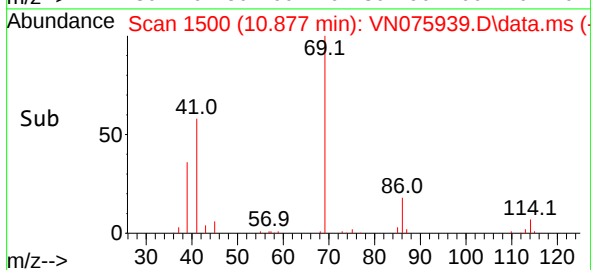
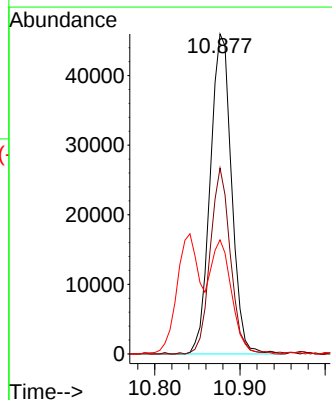
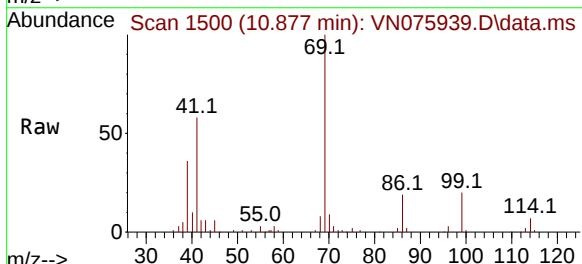
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

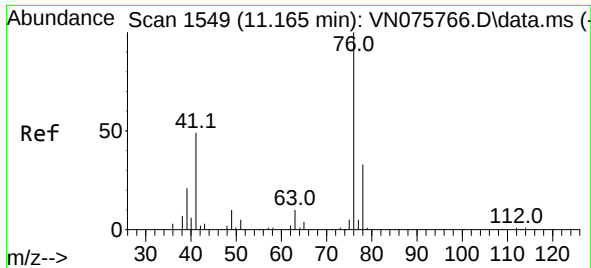
Tgt Ion: 97	Resp: 56759
Ion Ratio	Lower Upper
97 100	
83 81.6	65.0 97.4
85 53.2	43.0 64.6
99 61.6	50.2 75.2



#56
Ethyl methacrylate
Concen: 21.345 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 69	Resp: 79884
Ion Ratio	Lower Upper
69 100	
41 55.2	44.2 66.4
39 35.2	26.4 39.6





#57

1,3-Dichloropropane

Concen: 20.295 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

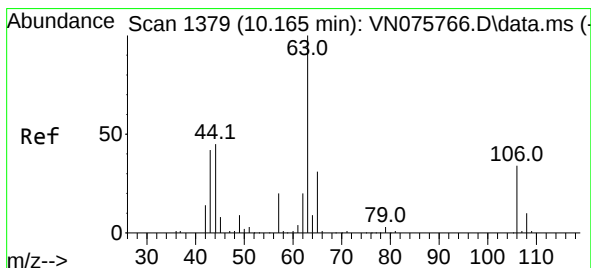
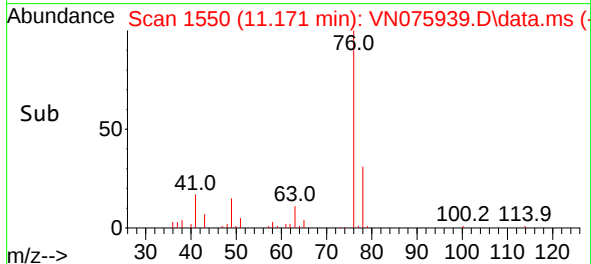
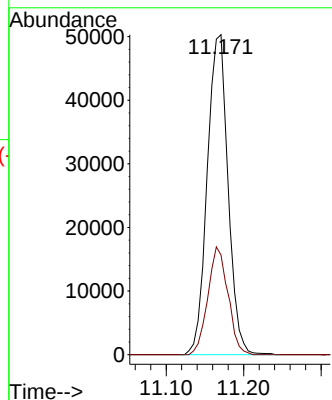
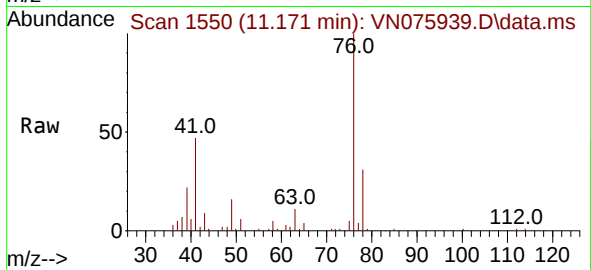
VN1222WBSD01

Tgt Ion: 76 Resp: 93797

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 92.076 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075939.D

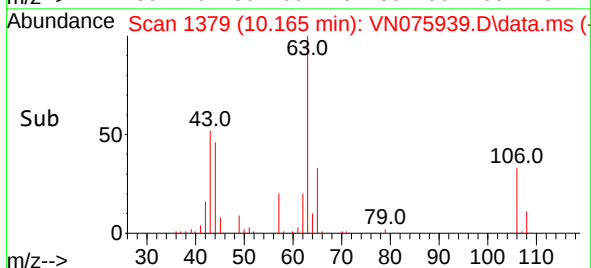
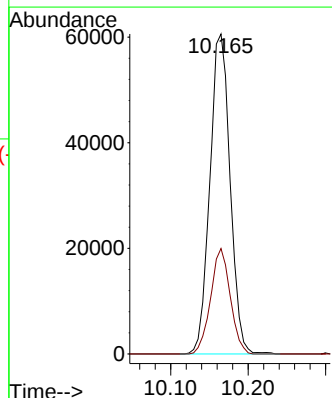
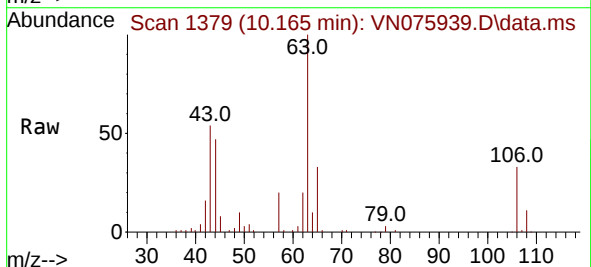
Acq: 22 Dec 2022 12:51

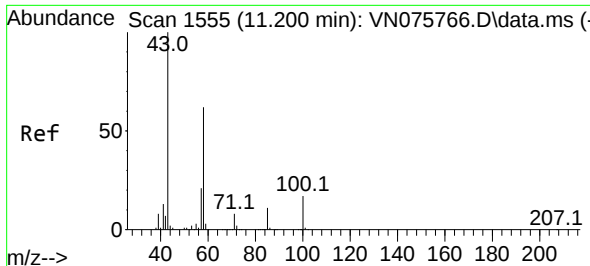
Tgt Ion: 63 Resp: 109713

Ion Ratio Lower Upper

63 100

106 32.0 26.4 39.6

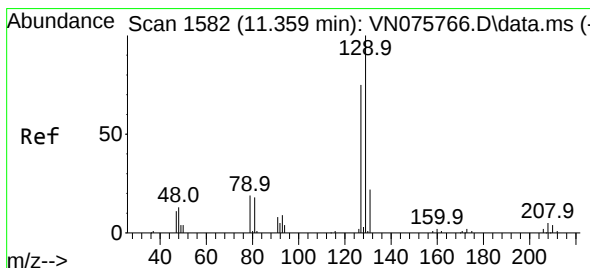
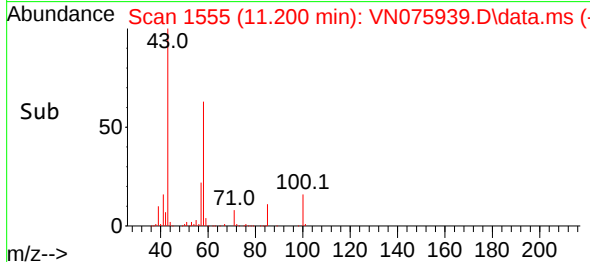
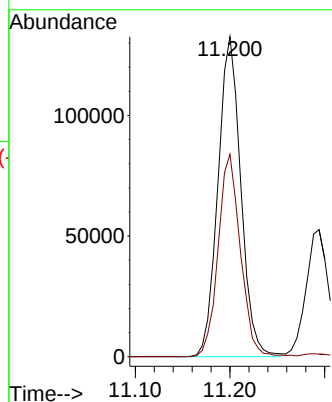
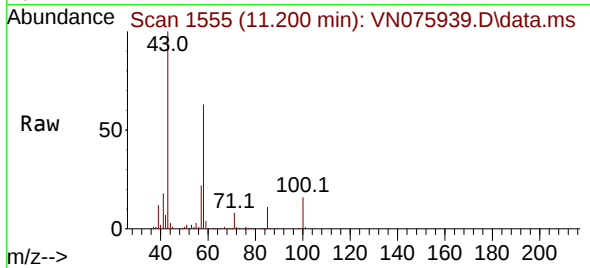




#59
2-Hexanone
Concen: 106.654 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

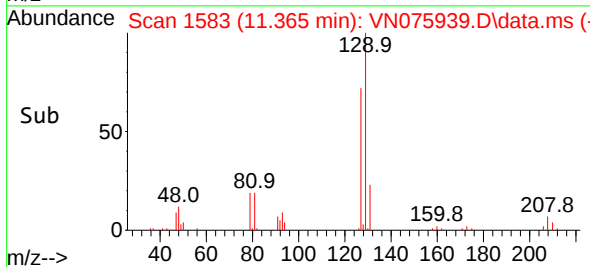
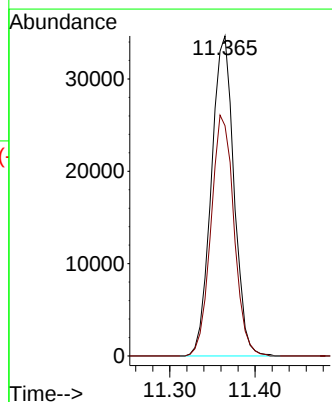
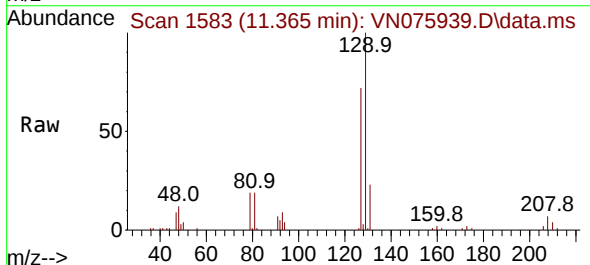
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

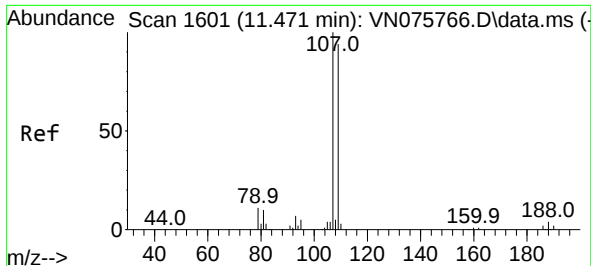
Tgt Ion: 43 Resp: 222653
Ion Ratio Lower Upper
43 100
58 61.7 30.6 92.0



#60
Dibromochloromethane
Concen: 20.404 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 129 Resp: 63933
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9

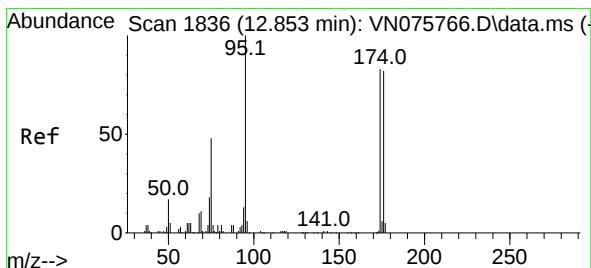
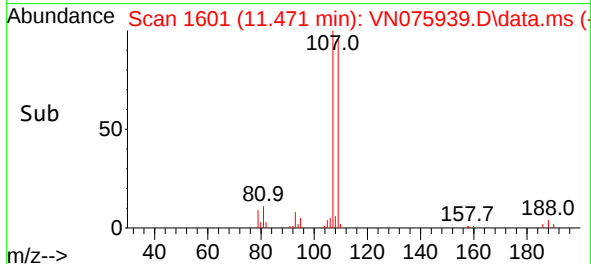
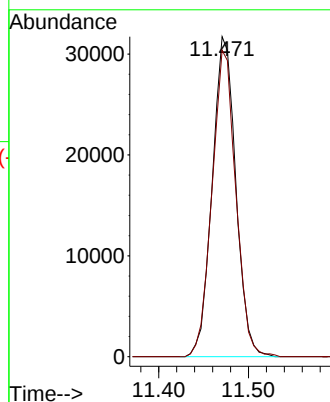
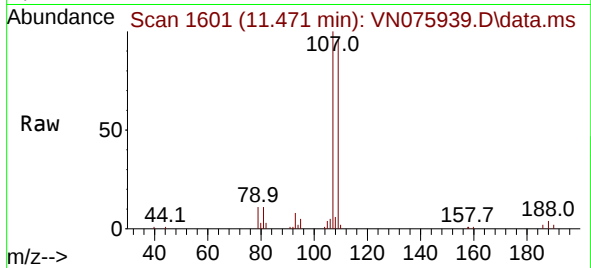




#61
1,2-Dibromoethane
Concen: 20.300 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

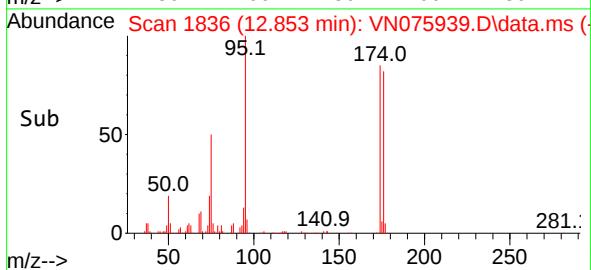
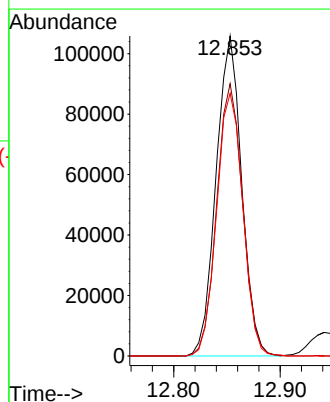
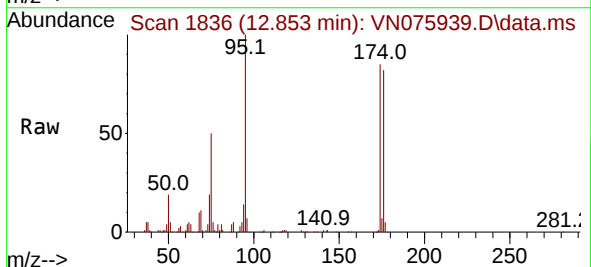
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

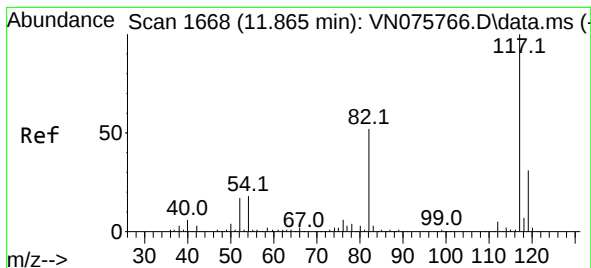
Tgt Ion:107 Resp: 57882
Ion Ratio Lower Upper
107 100
109 96.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.965 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 95 Resp: 176389
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 84.0 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

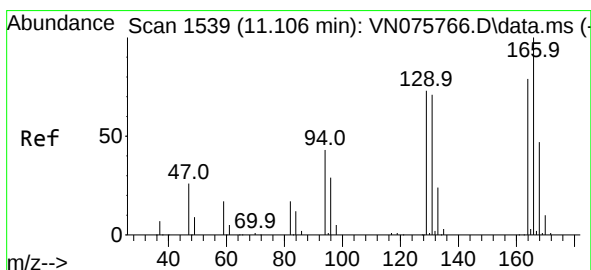
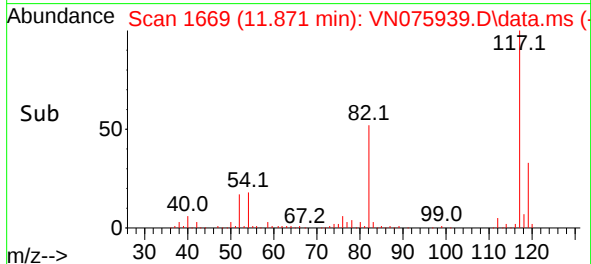
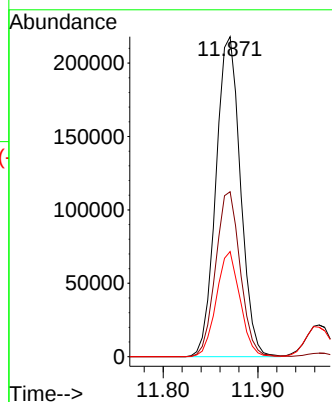
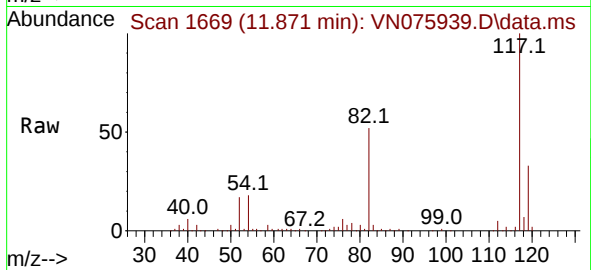
Tgt Ion:117 Resp: 392885

Ion Ratio Lower Upper

117 100

82 51.6 41.3 61.9

119 32.9 24.6 37.0



#64

Tetrachloroethene

Concen: 21.281 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Tgt Ion:164 Resp: 58833

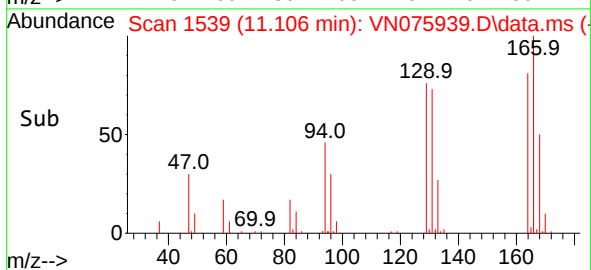
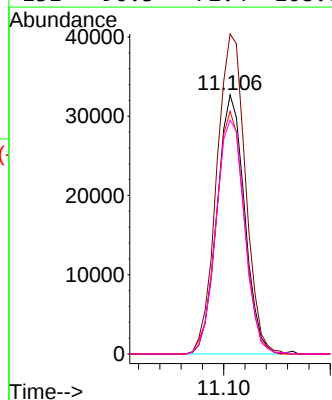
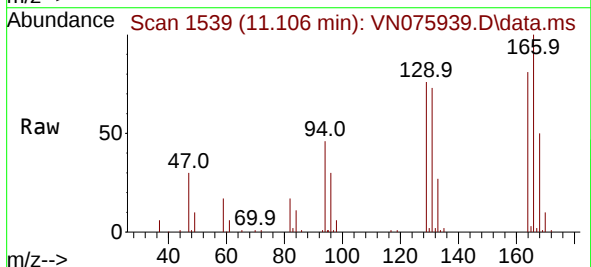
Ion Ratio Lower Upper

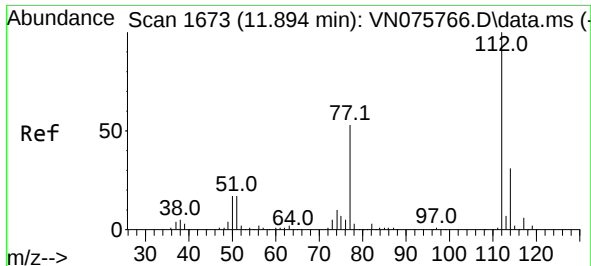
164 100

166 123.5 101.9 152.9

129 93.7 74.2 111.2

131 90.3 72.4 108.6

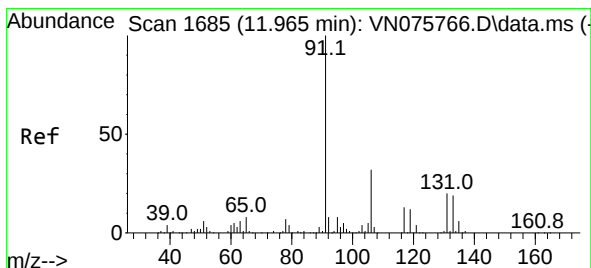
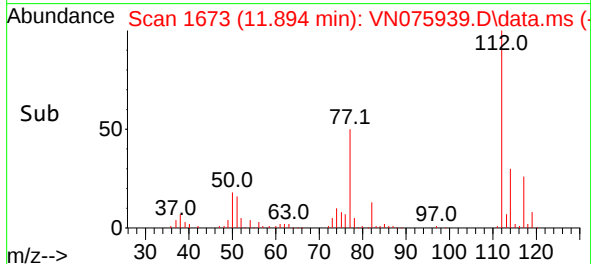
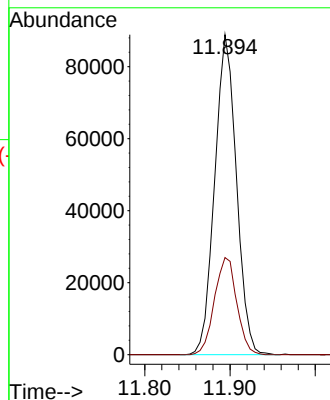
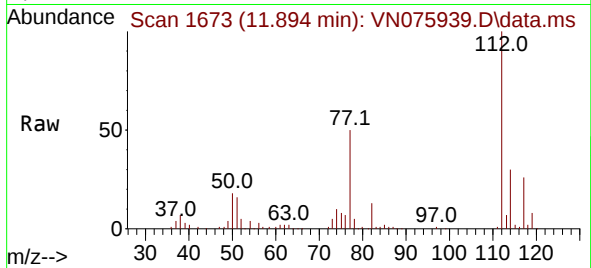




#65
Chlorobenzene
Concen: 19.487 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

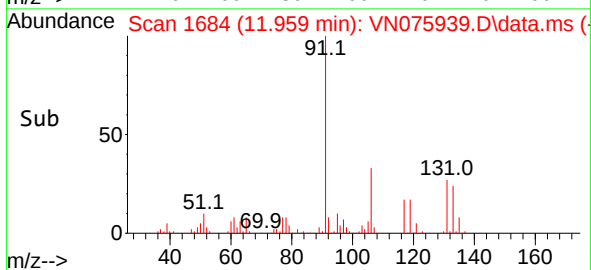
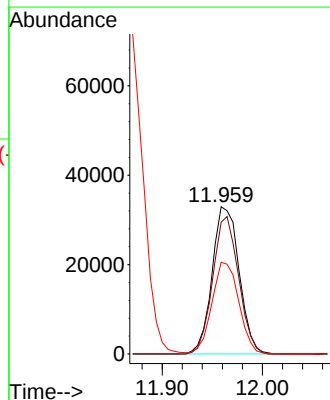
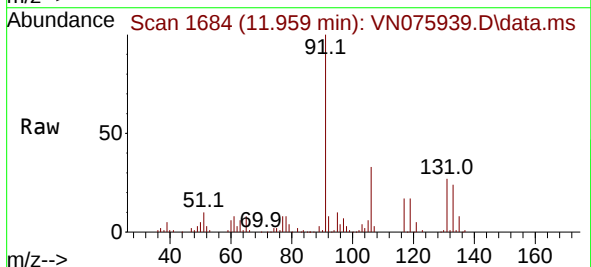
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

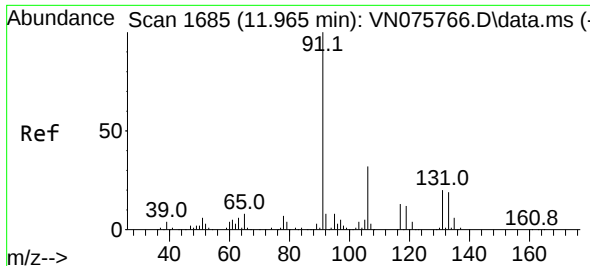
Tgt Ion:112 Resp: 157139
Ion Ratio Lower Upper
112 100
114 30.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.592 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:131 Resp: 61504
Ion Ratio Lower Upper
131 100
133 89.5 47.5 142.5
119 62.1 31.9 95.7

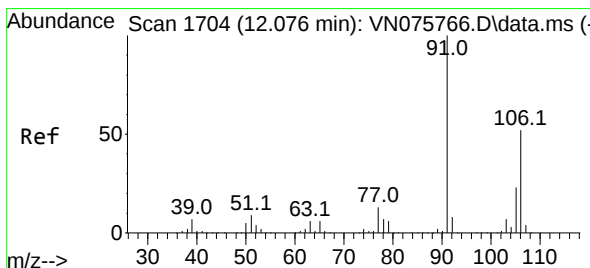
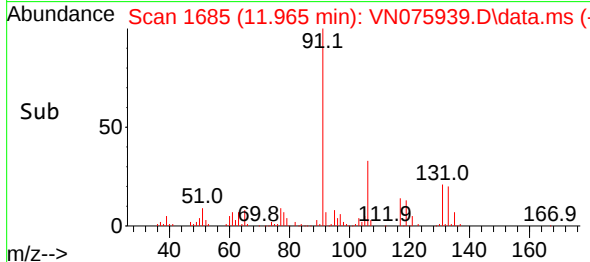
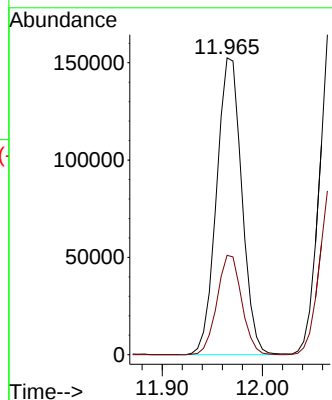
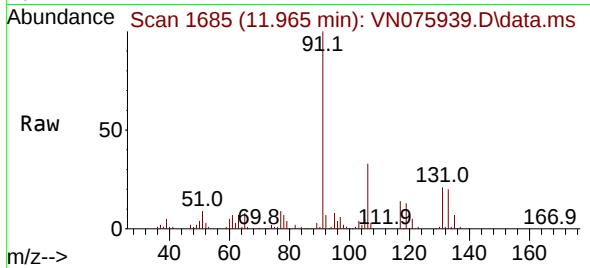




#67
Ethyl Benzene
Concen: 19.577 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

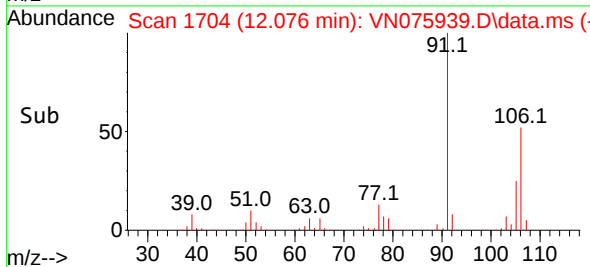
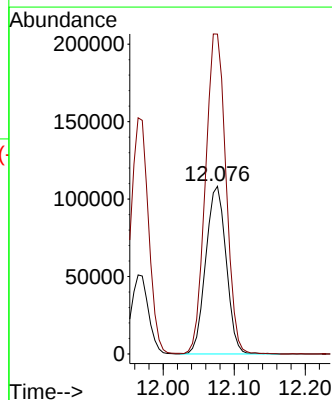
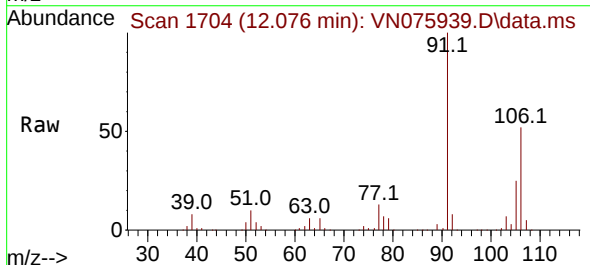
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

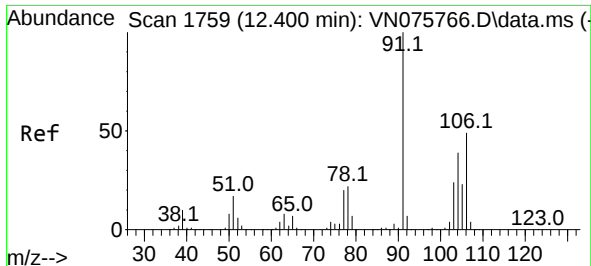
Tgt Ion: 91 Resp: 266435
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5



#68
m/p-Xylenes
Concen: 40.106 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 106 Resp: 216043
Ion Ratio Lower Upper
106 100
91 192.0 156.6 235.0

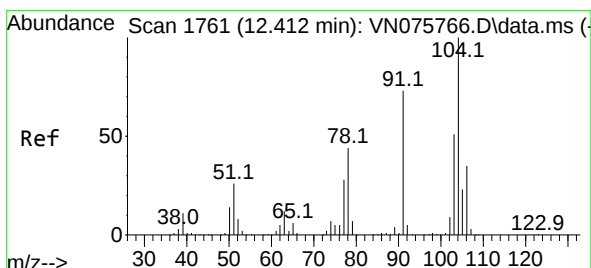
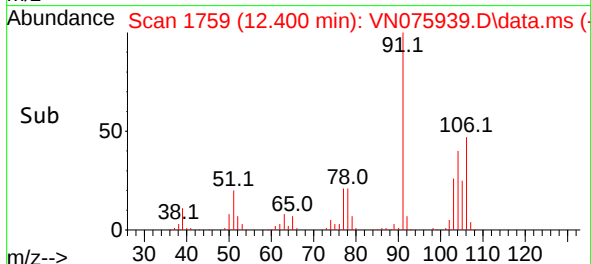
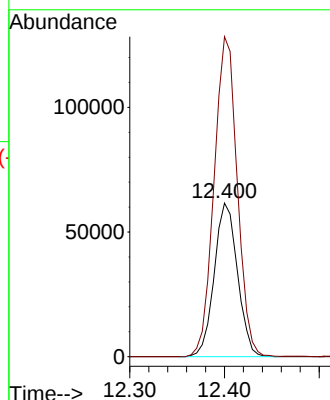
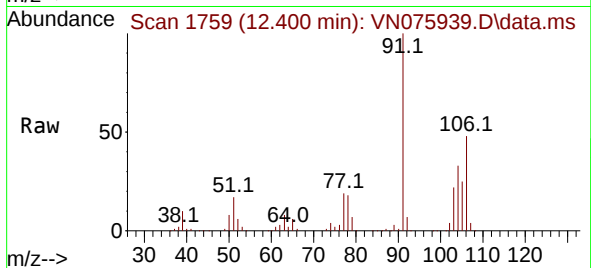




#69
o-Xylene
Concen: 19.684 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

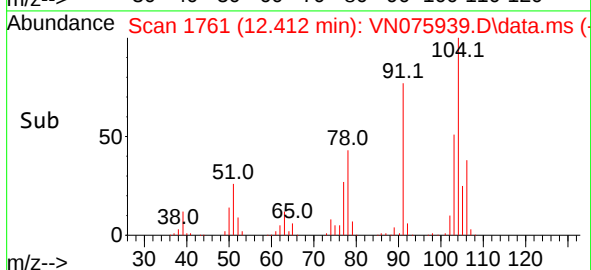
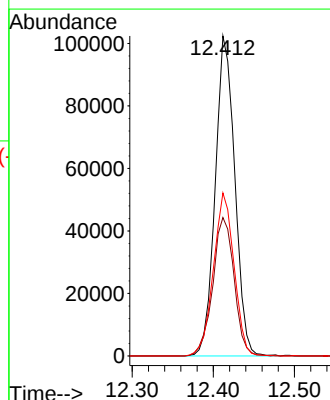
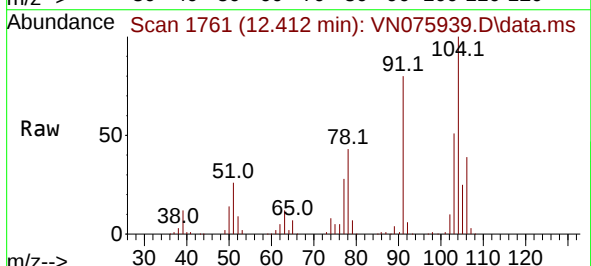
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

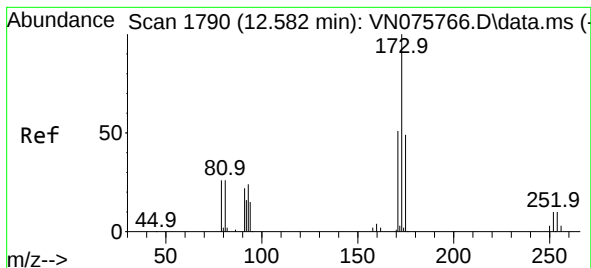
Tgt Ion:106 Resp: 104929
Ion Ratio Lower Upper
106 100
91 208.2 103.8 311.6



#70
Styrene
Concen: 20.287 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:104 Resp: 171949
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 53.6 43.5 65.3





#71

Bromoform

Concen: 20.721 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

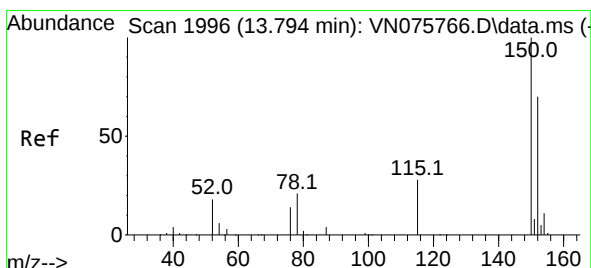
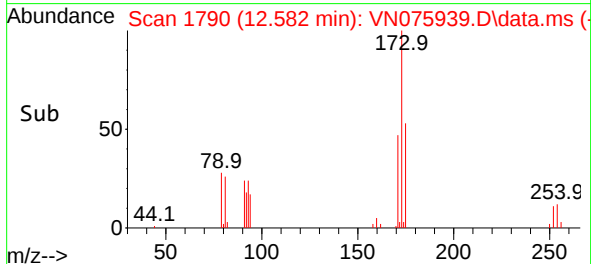
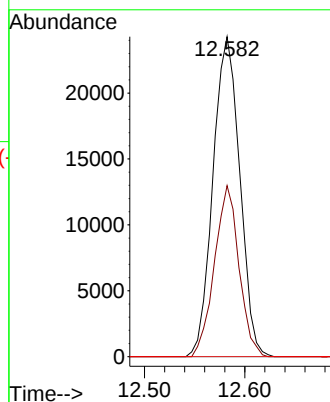
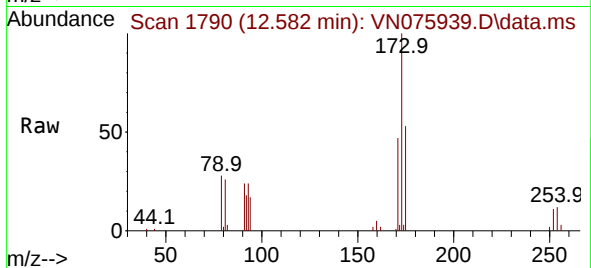
Tgt Ion:173 Resp: 45035

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

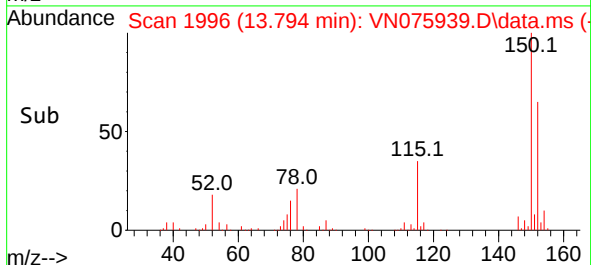
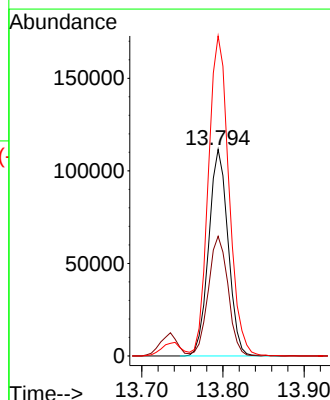
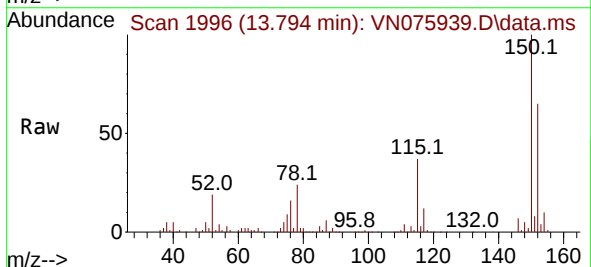
Tgt Ion:152 Resp: 184706

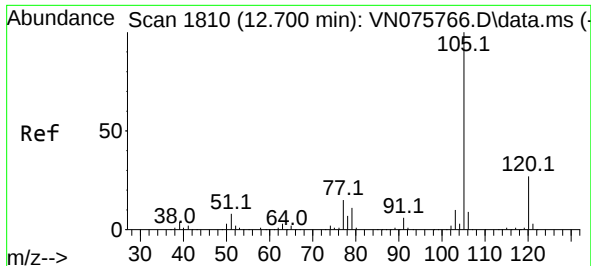
Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.4

150 164.4 0.0 347.0

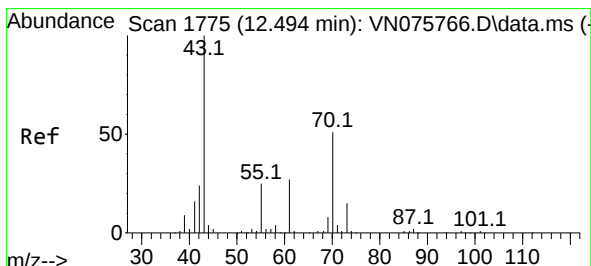
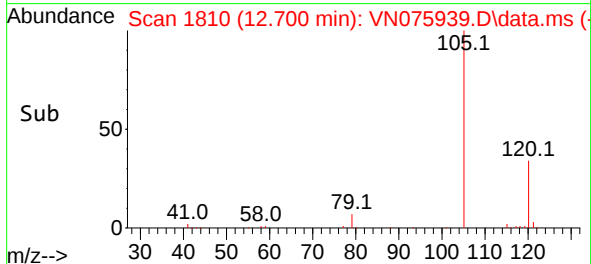
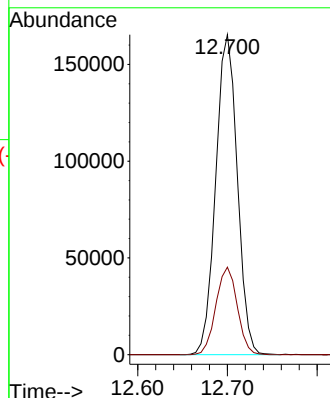
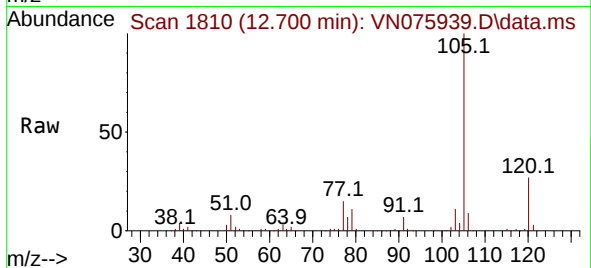




#73
Isopropylbenzene
Concen: 20.668 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

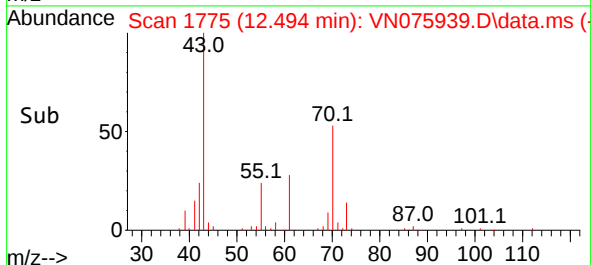
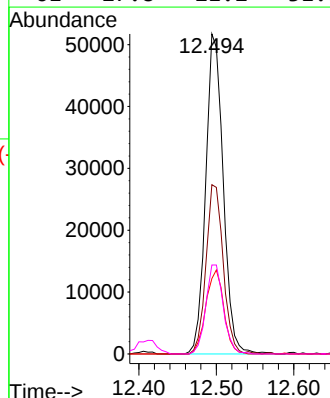
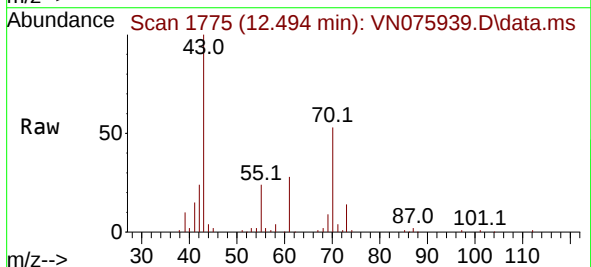
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

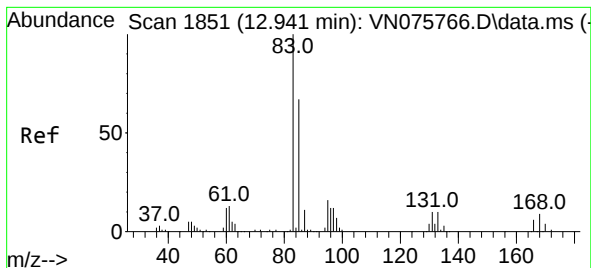
Tgt Ion:105 Resp: 275874
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 20.741 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 43 Resp: 81218
Ion Ratio Lower Upper
43 100
70 52.2 41.4 62.0
55 26.9 21.3 31.9
61 27.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.628 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

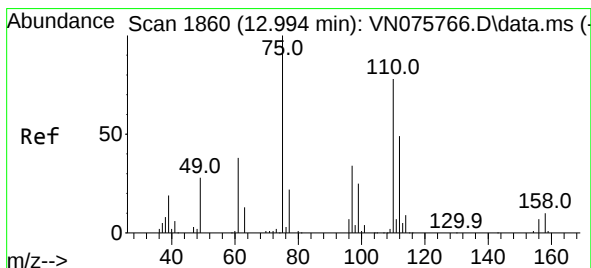
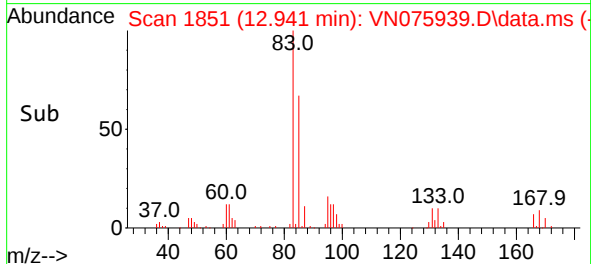
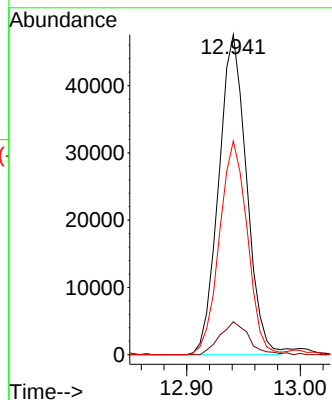
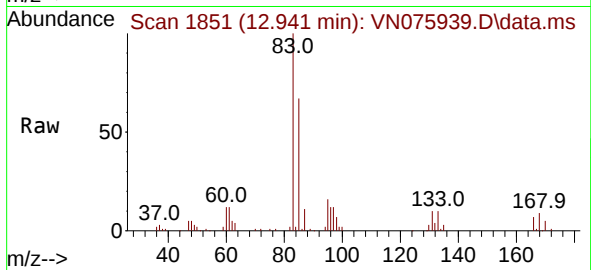
Tgt Ion: 83 Resp: 80989

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 66.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 25.802 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN075939.D

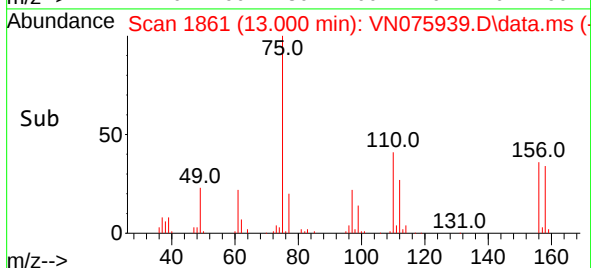
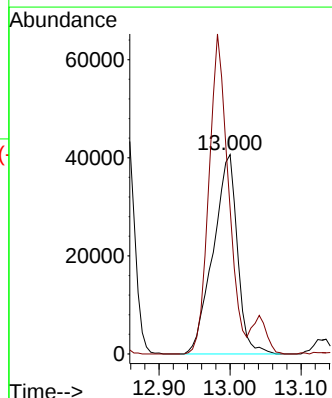
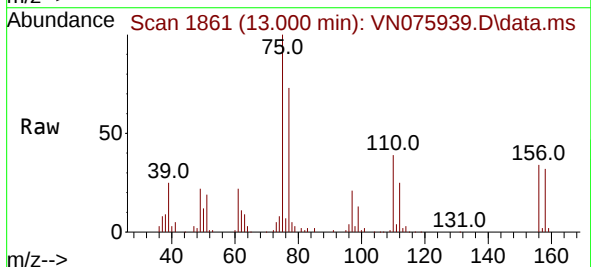
Acq: 22 Dec 2022 12:51

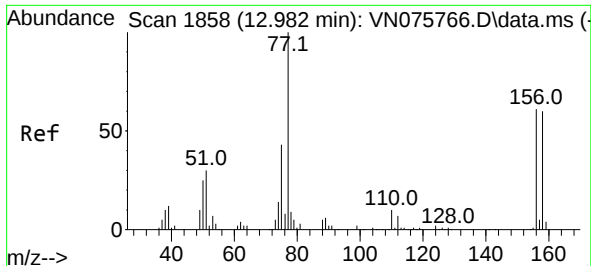
Tgt Ion: 75 Resp: 96066

Ion Ratio Lower Upper

75 100

77 129.0 82.6 247.8

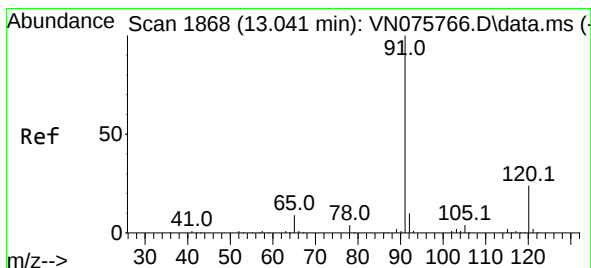
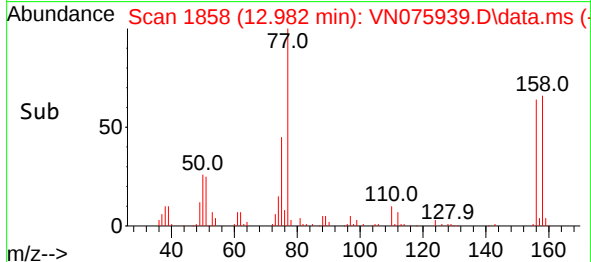
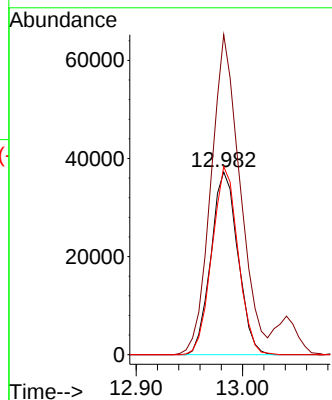
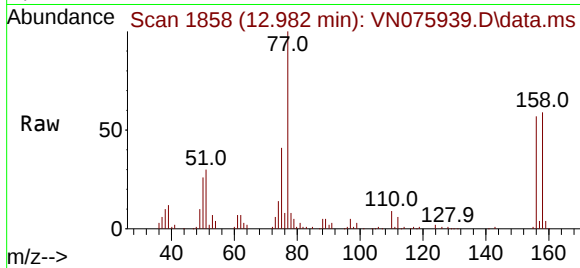




#77
Bromobenzene
Concen: 19.346 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

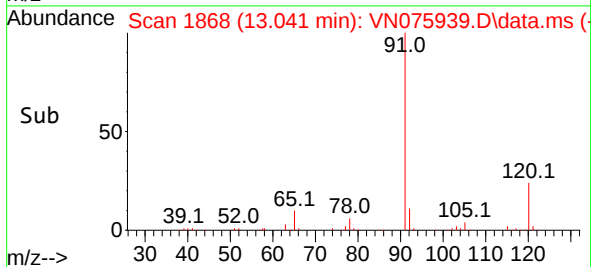
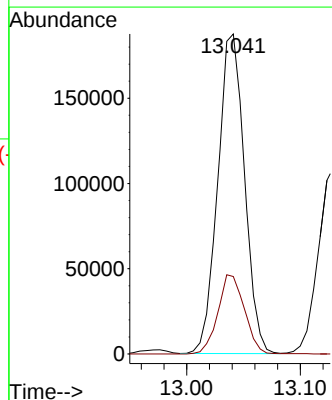
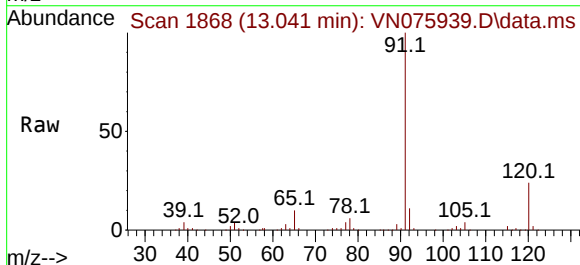
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

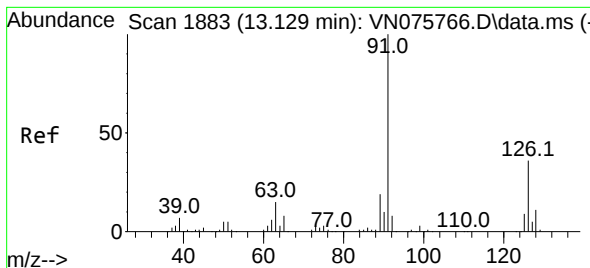
Tgt Ion:156 Resp: 65351
Ion Ratio Lower Upper
156 100
77 189.7 93.8 281.3
158 99.8 48.9 146.6



#78
n-propylbenzene
Concen: 20.801 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 91 Resp: 306229
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 20.441 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

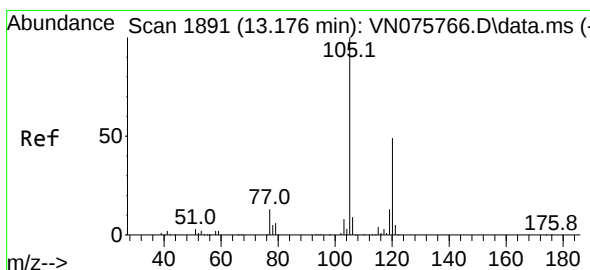
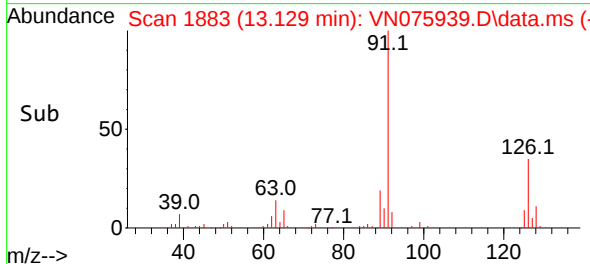
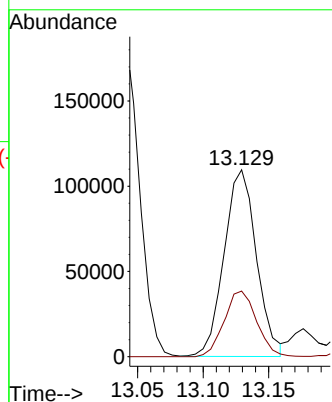
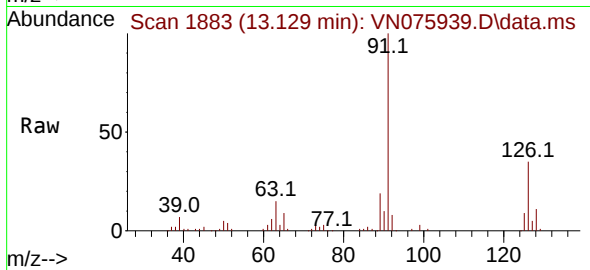
VN1222WBSD01

Tgt Ion: 91 Resp: 187852

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.936 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075939.D

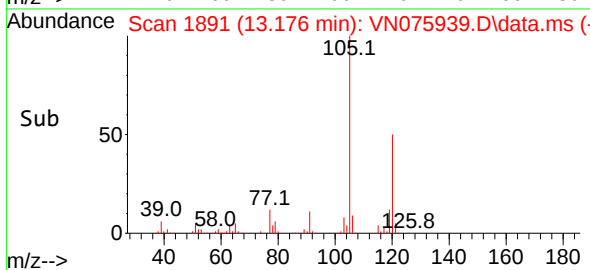
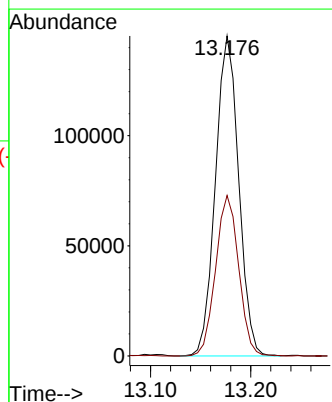
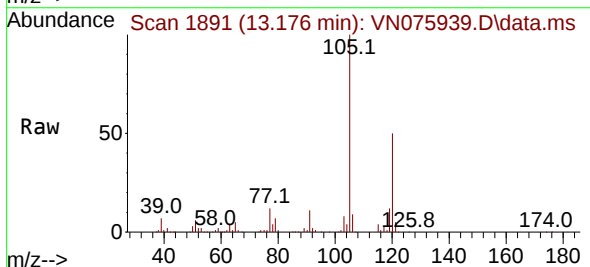
Acq: 22 Dec 2022 12:51

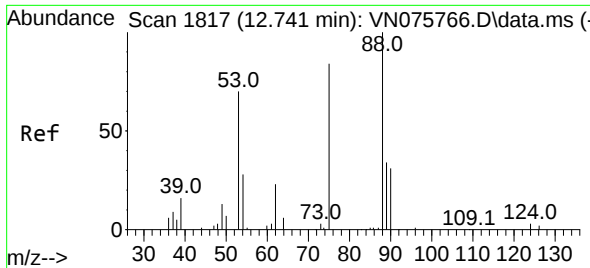
Tgt Ion:105 Resp: 233884

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1

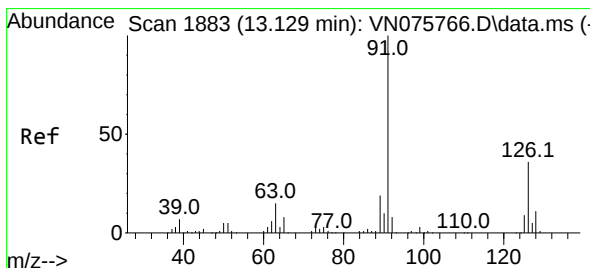
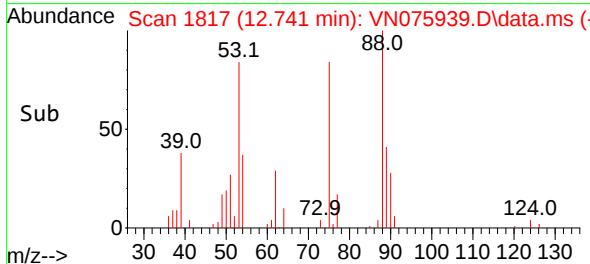
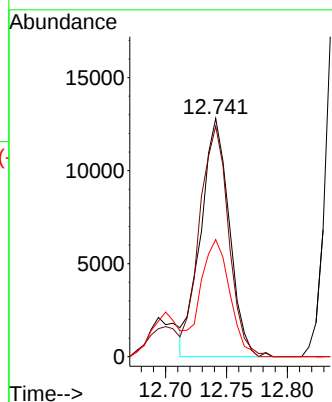
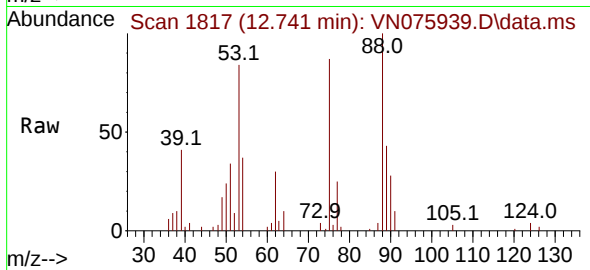




#81
trans-1,4-Dichloro-2-butene
Concen: 20.179 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

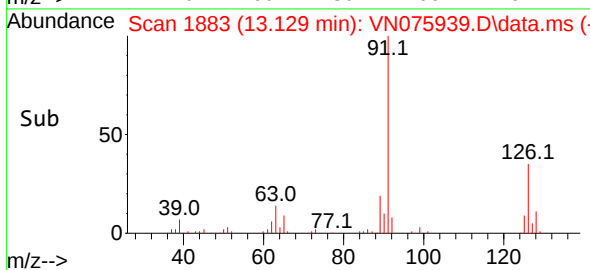
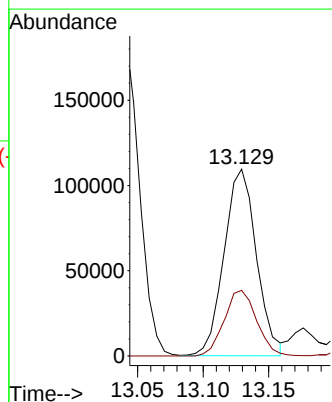
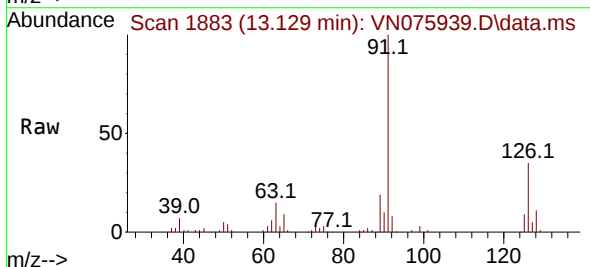
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

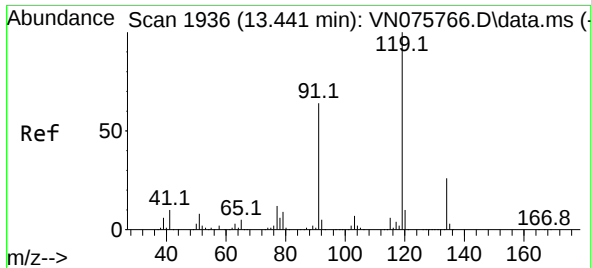
Tgt Ion:	75	Resp:	20873
Ion	Ratio	Lower	Upper
75	100		
53	99.1	73.8	110.6
89	51.5	39.5	59.3



#82
4-Chlorotoluene
Concen: 20.441 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:	91	Resp:	187852
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.5

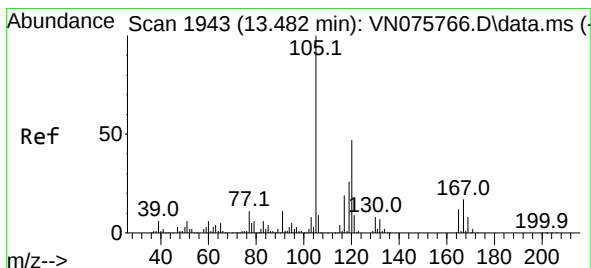
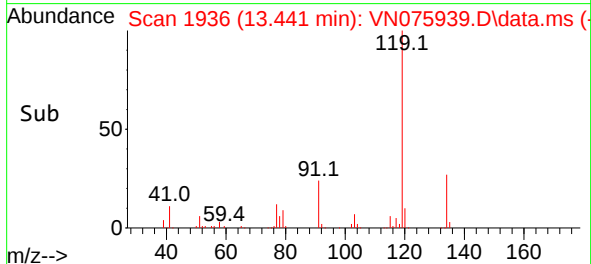
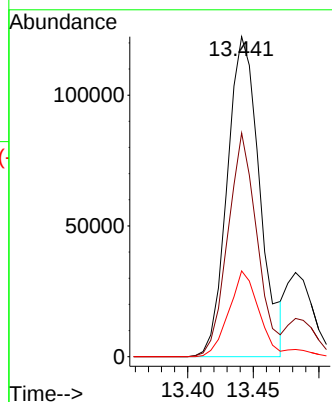
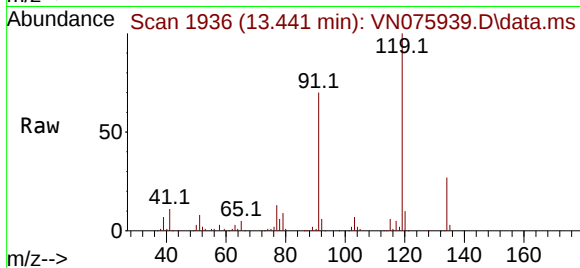




#83
tert-Butylbenzene
Concen: 21.385 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

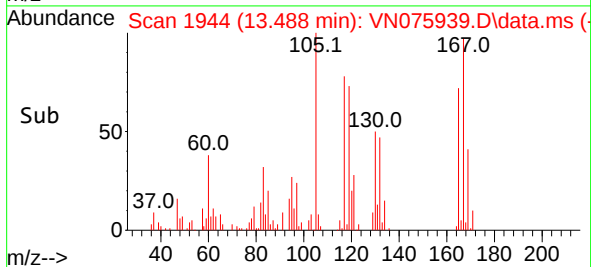
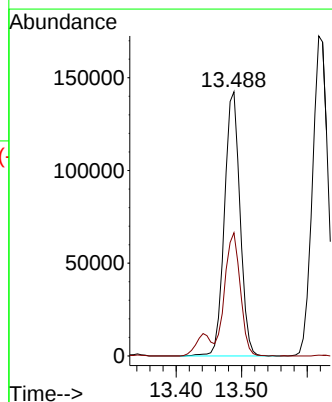
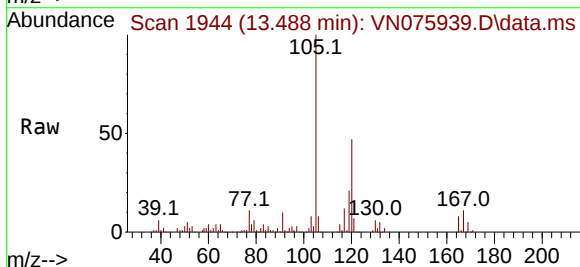
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

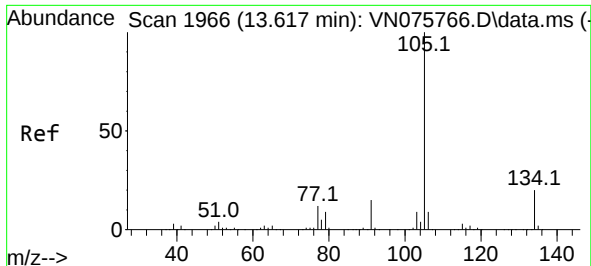
Tgt Ion:119 Resp: 210634
Ion Ratio Lower Upper
119 100
91 63.3 31.9 95.5
134 26.2 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 21.097 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:105 Resp: 233809
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

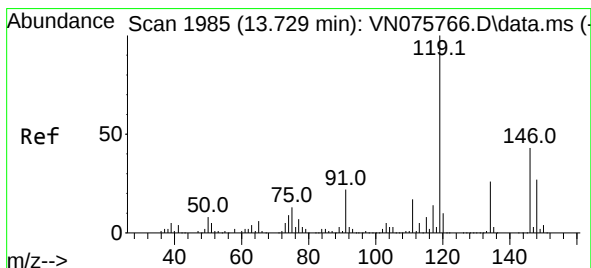
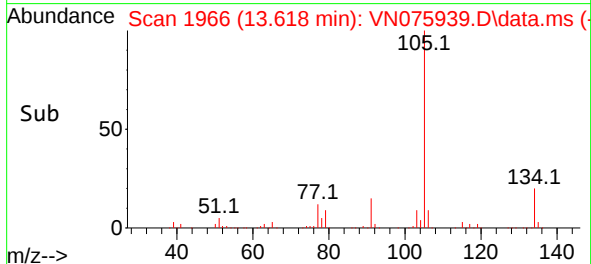
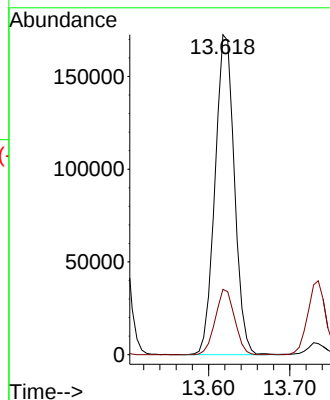
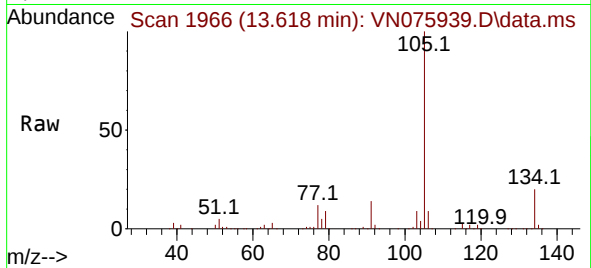




#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

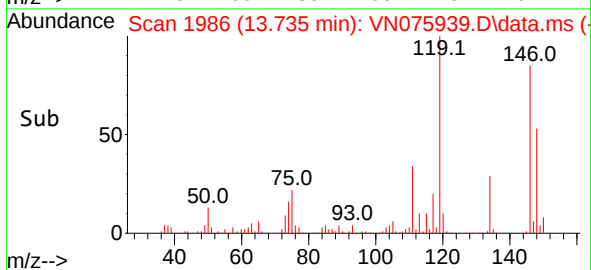
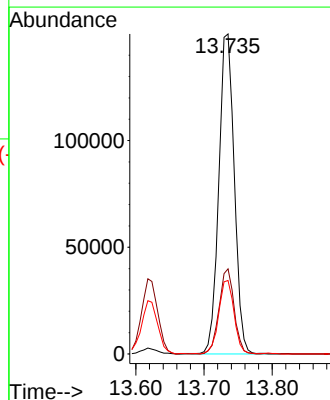
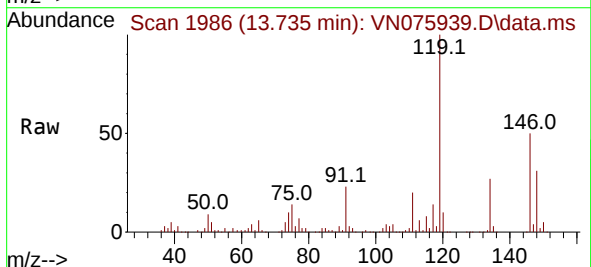
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD01

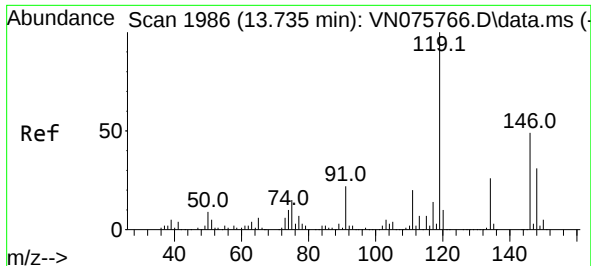
Tgt Ion:105 Resp: 286430
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.007 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075939.D
 Acq: 22 Dec 2022 12:51

Tgt Ion:119 Resp: 237625
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.9 11.2 33.6

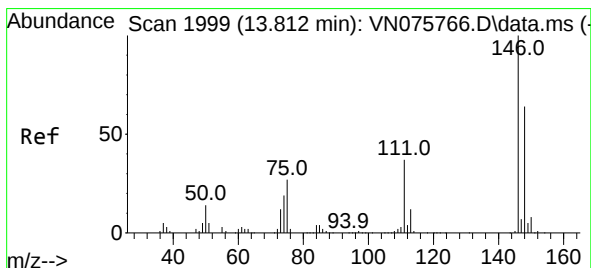
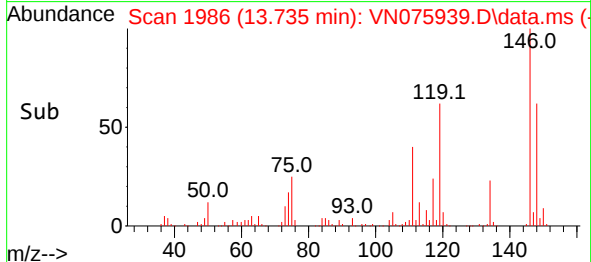
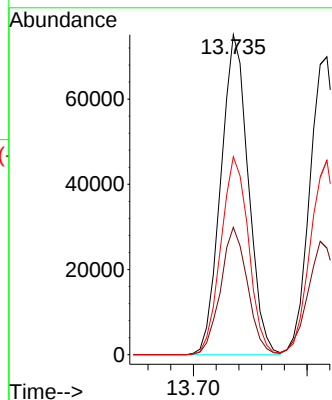
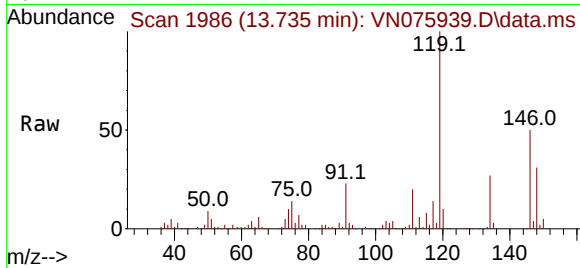




#87
1,3-Dichlorobenzene
Concen: 20.216 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

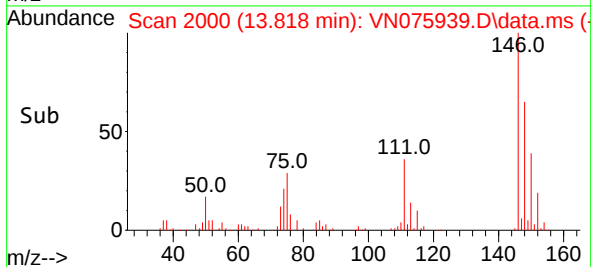
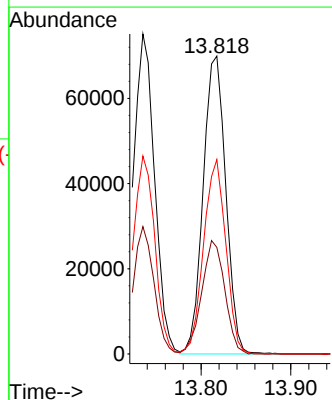
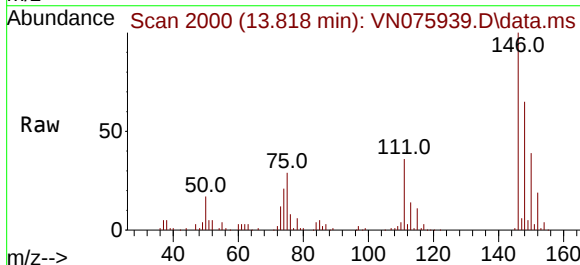
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

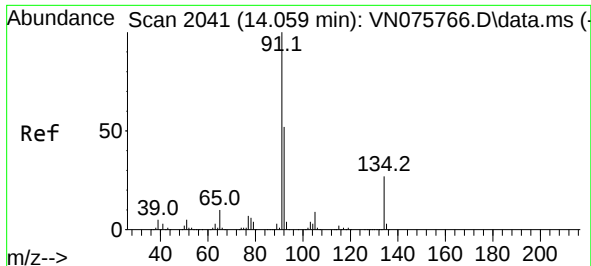
Tgt Ion:146 Resp: 126146
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.0
148 62.2 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 19.238 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:146 Resp: 122633
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.1 32.0 96.2

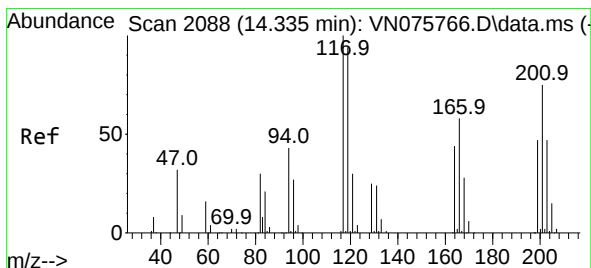
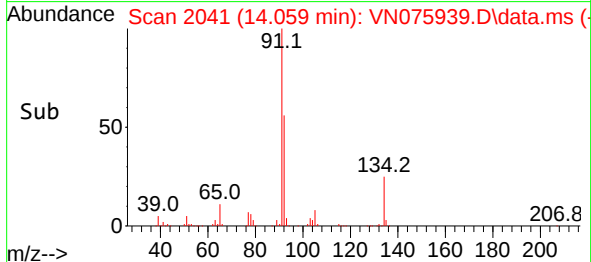
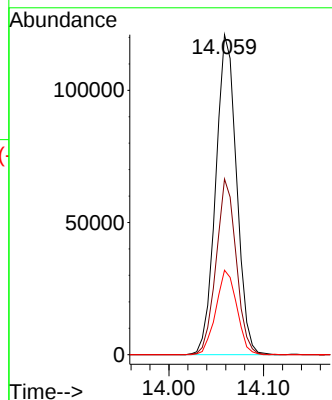
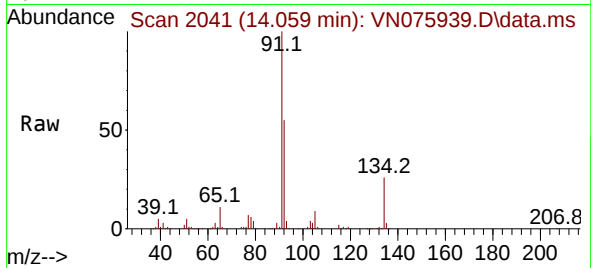




#89
n-Butylbenzene
Concen: 20.203 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

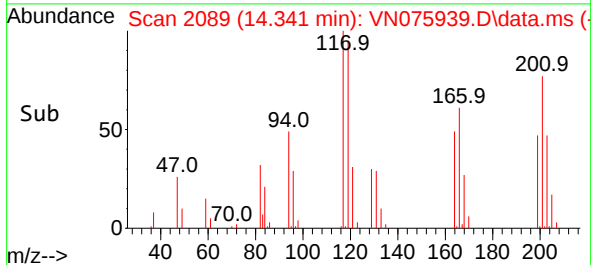
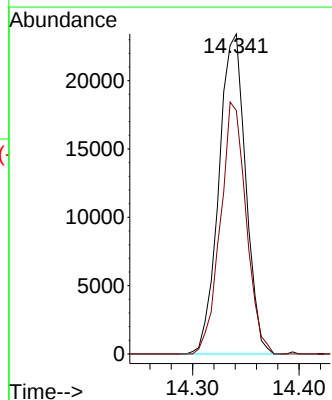
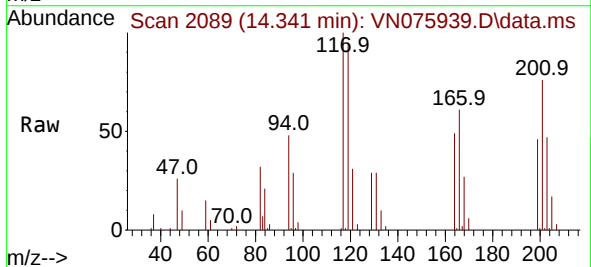
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

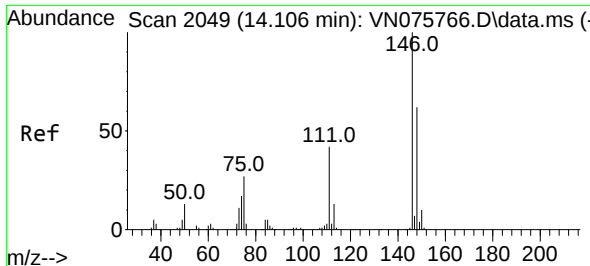
Tgt Ion: 91 Resp: 185146
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 20.204 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 117 Resp: 40882
Ion Ratio Lower Upper
117 100
201 75.6 38.0 114.1

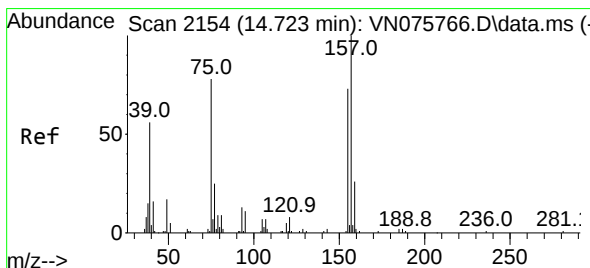
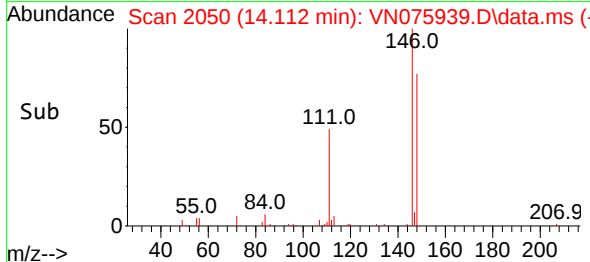
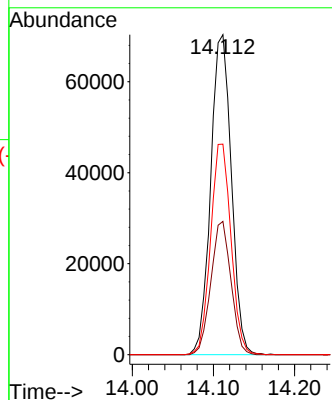
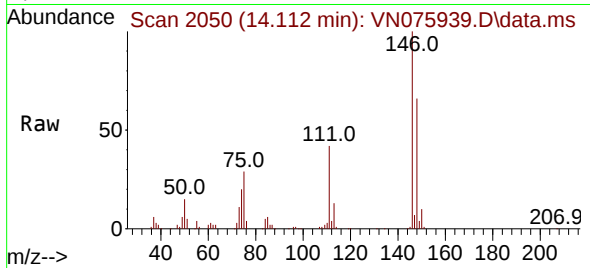




#91
1,2-Dichlorobenzene
Concen: 20.208 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

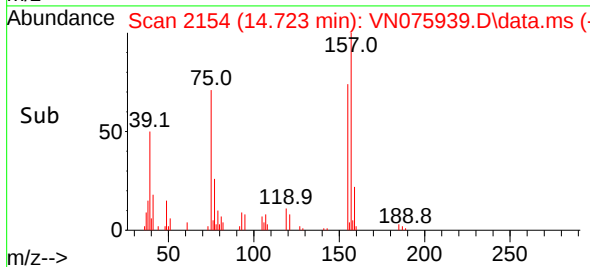
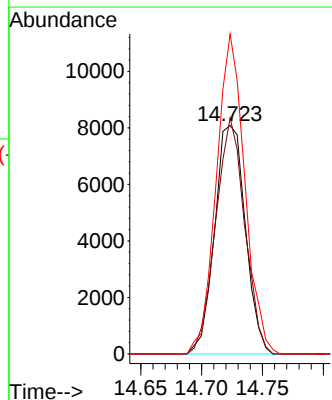
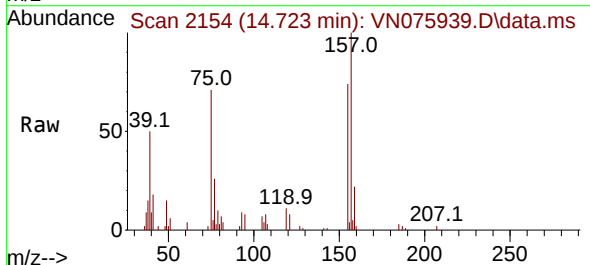
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

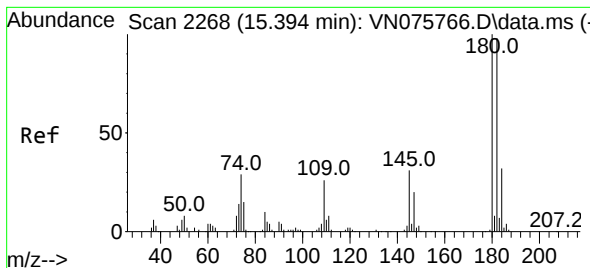
Tgt Ion:146 Resp: 124202
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 65.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.333 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion: 75 Resp: 14155
Ion Ratio Lower Upper
75 100
155 97.9 49.3 147.8
157 129.6 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 20.516 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBSD01

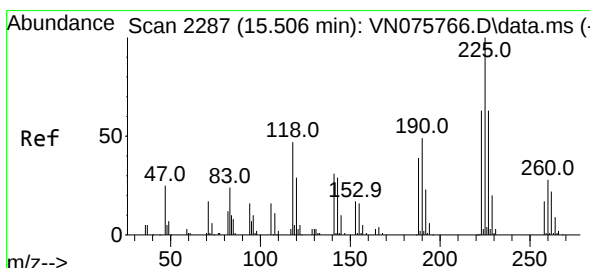
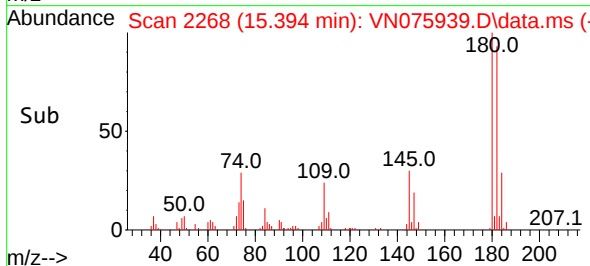
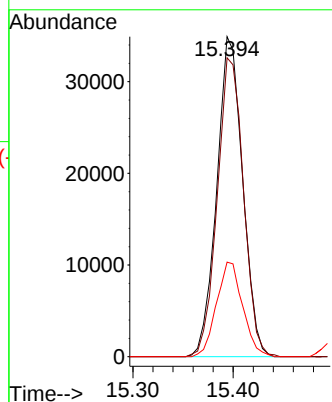
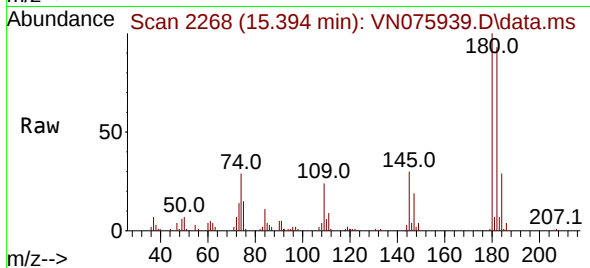
Tgt Ion:180 Resp: 62427

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 29.9 15.3 45.8



#94

Hexachlorobutadiene

Concen: 20.903 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075939.D

Acq: 22 Dec 2022 12:51

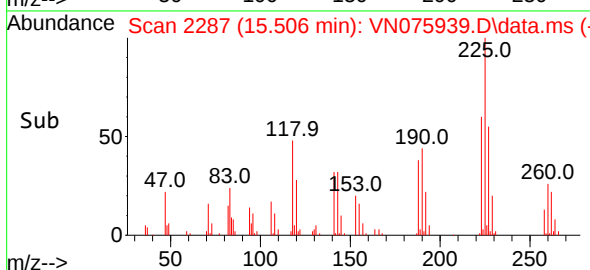
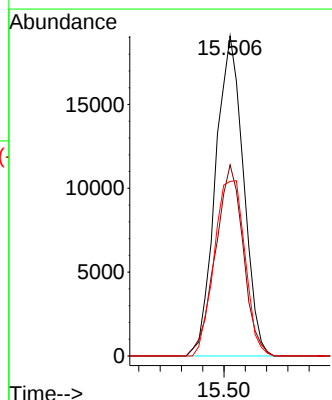
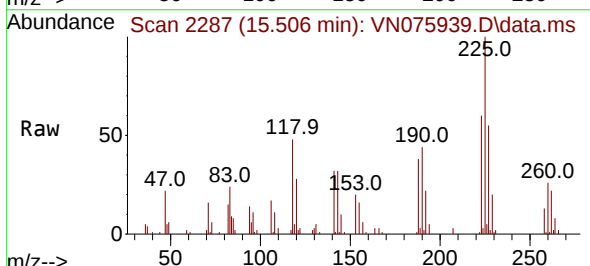
Tgt Ion:225 Resp: 34701

Ion Ratio Lower Upper

225 100

223 59.7 31.5 94.5

227 60.5 31.6 95.0

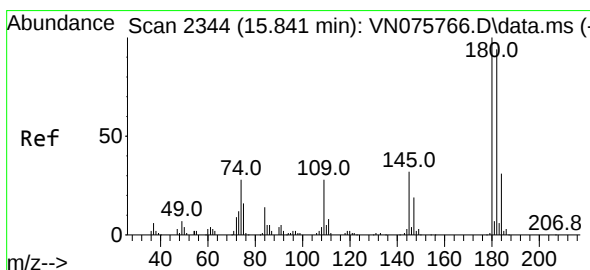
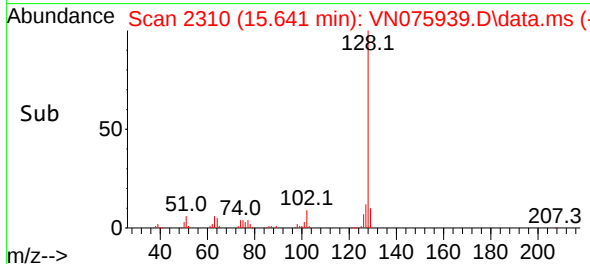
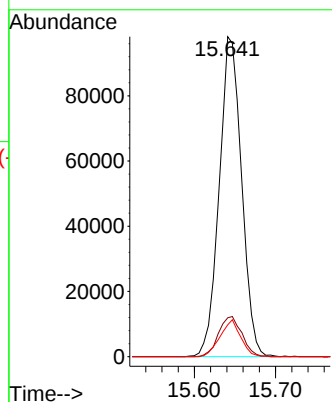
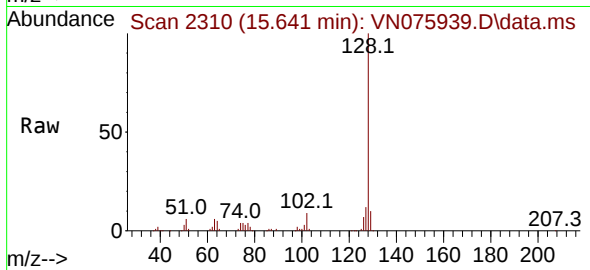




#95
Naphthalene
Concen: 20.075 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBSD01

Tgt Ion:128 Resp: 188101
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.717 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075939.D
Acq: 22 Dec 2022 12:51

Tgt Ion:180 Resp: 61763
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 33.1 16.0 47.9

