

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075640.D
 Acq On : 08 Dec 2022 11:17
 Operator : JC\MD
 Sample : VN1208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Quant Time: Dec 09 02:04:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	174739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	44053	46.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	8.171	113	59188	54.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.960%
50) Toluene-d8	10.571	98	126021	51.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.853	95	97347	54.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28363	21.227	ug/l	96
3) Chloromethane	2.371	50	32347	19.456	ug/l	97
4) Vinyl Chloride	2.524	62	41690	19.897	ug/l	93
5) Bromomethane	2.936	94	35993	19.534	ug/l	97
6) Chloroethane	3.112	64	31595	19.900	ug/l	98
7) Trichlorofluoromethane	3.501	101	61981	20.706	ug/l	93
8) Diethyl Ether	3.971	74	23219	22.131	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	36487	22.080	ug/l	91
10) Methyl Iodide	4.595	142	57968	21.648	ug/l	96
11) Tert butyl alcohol	5.536	59	32052	81.401	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	32957	20.367	ug/l	91
13) Acrolein	4.189	56	32653	95.192	ug/l	98
14) Allyl chloride	5.030	41	39556	18.898	ug/l	92
15) Acrylonitrile	5.730	53	80244	88.827	ug/l	99
16) Acetone	4.442	43	77414	88.483	ug/l	99
17) Carbon Disulfide	4.718	76	83398	19.831	ug/l	99
18) Methyl Acetate	5.042	43	44870	19.555	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	117661	20.526	ug/l	97
20) Methylene Chloride	5.283	84	39709	21.657	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	36707	19.905	ug/l	92
22) Diisopropyl ether	6.683	45	99919	20.919	ug/l	98
23) Vinyl Acetate	6.612	43	339125	89.243	ug/l	96
24) 1,1-Dichloroethane	6.577	63	64132	20.918	ug/l	98
25) 2-Butanone	7.489	43	104353	85.432	ug/l	96
26) 2,2-Dichloropropane	7.489	77	53937	18.929	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	44464	21.323	ug/l	92
28) Bromochloromethane	7.812	49	23569	18.938	ug/l #	76
29) Tetrahydrofuran	7.841	42	65322	87.919	ug/l	97
30) Chloroform	7.971	83	71748	20.378	ug/l	94
31) Cyclohexane	8.265	56	55215	18.528	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	64931	20.311	ug/l	96
36) 1,1-Dichloropropene	8.377	75	50392	21.466	ug/l	97
37) Ethyl Acetate	7.571	43	42372	20.045	ug/l	99
38) Carbon Tetrachloride	8.365	117	58809	22.805	ug/l	93
39) Methylcyclohexane	9.606	83	64877	22.082	ug/l	97
40) Benzene	8.612	78	161384	22.453	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21719	20.097	ug/l	97
42) 1,2-Dichloroethane	8.671	62	51790	21.515	ug/l	96
43) Isopropyl Acetate	8.694	43	70609	20.811	ug/l	97
44) Trichloroethene	9.353	130	44202	22.476	ug/l	94
45) 1,2-Dichloropropane	9.624	63	38244	22.328	ug/l	95
46) Dibromomethane	9.718	93	29645	22.882	ug/l	89
47) Bromodichloromethane	9.888	83	56725	22.610	ug/l	97
48) Methyl methacrylate	9.683	41	32582	20.768	ug/l	95
49) 1,4-Dioxane	9.700	88	16420	368.586	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	214893	99.441	ug/l	98
52) Toluene	10.635	92	105840	22.851	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	55144	21.894	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61595	22.516	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41138	21.807	ug/l	94
56) Ethyl methacrylate	10.877	69	56512	22.182	ug/l	96
57) 1,3-Dichloropropane	11.165	76	67755	22.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	92644	100.831	ug/l	96
59) 2-Hexanone	11.200	43	160793	99.089	ug/l	99
60) Dibromochloromethane	11.359	129	46626	24.079	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42433	21.672	ug/l	100
64) Tetrachloroethene	11.106	164	41088	21.685	ug/l #	83
65) Chlorobenzene	11.894	112	117116	22.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	42812	22.387	ug/l	99
67) Ethyl Benzene	11.965	91	201209	23.017	ug/l	100
68) m/p-Xylenes	12.076	106	165715	46.681	ug/l	97
69) o-Xylene	12.400	106	79727	22.604	ug/l	97
70) Styrene	12.412	104	129887	23.344	ug/l	99
71) Bromoform	12.582	173	33505	23.020	ug/l #	99
73) Isopropylbenzene	12.700	105	205197	21.827	ug/l	98
74) N-amyl acetate	12.500	43	60479	20.926	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	58770	20.505	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	70000	28.772	ug/l	82
77) Bromobenzene	12.982	156	50452	21.738	ug/l	82
78) n-propylbenzene	13.041	91	229685	21.892	ug/l	98
79) 2-Chlorotoluene	13.129	91	138454	21.903	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	176273	22.569	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15573	18.939	ug/l	97
82) 4-Chlorotoluene	13.129	91	138454	21.903	ug/l	96
83) tert-Butylbenzene	13.441	119	162615	22.835	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	178770	22.819	ug/l	98
85) sec-Butylbenzene	13.618	105	218699	22.634	ug/l	99
86) p-Isopropyltoluene	13.735	119	190442	23.426	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98636	22.431	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	97153	21.749	ug/l	99
89) n-Butylbenzene	14.059	91	151439	22.056	ug/l	97
90) Hexachloroethane	14.335	117	31333	22.341	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	96969	22.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10564	19.458	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	50744	23.101	ug/l	99
94) Hexachlorobutadiene	15.506	225	27577	24.102	ug/l	99
95) Naphthalene	15.641	128	139867	20.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	48837	22.621	ug/l	98

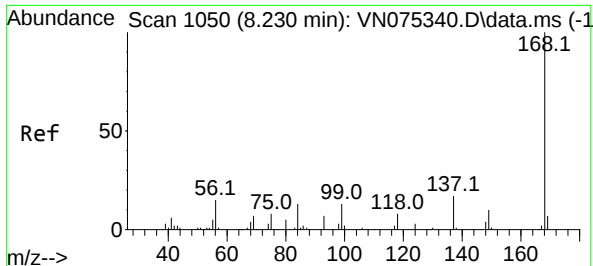
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QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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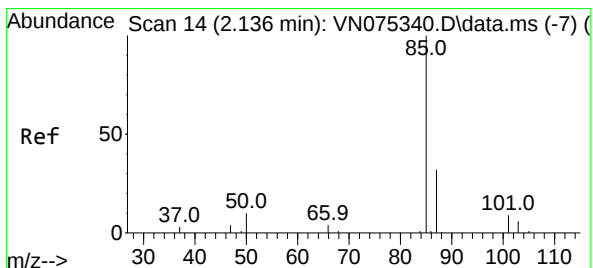
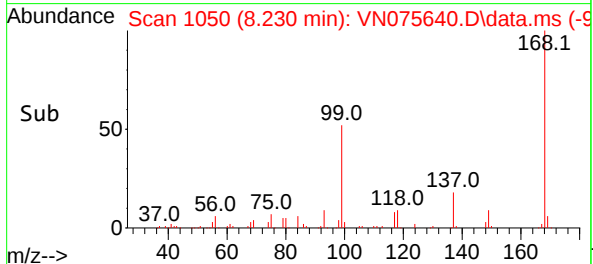
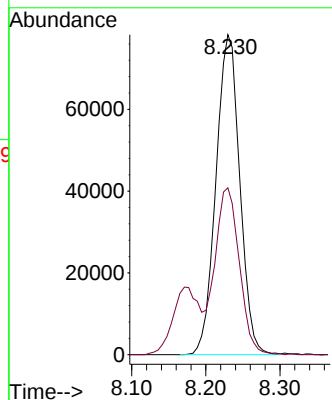
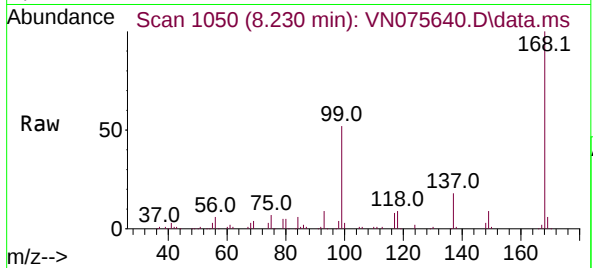
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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Acq: 08 Dec 2022 11:17

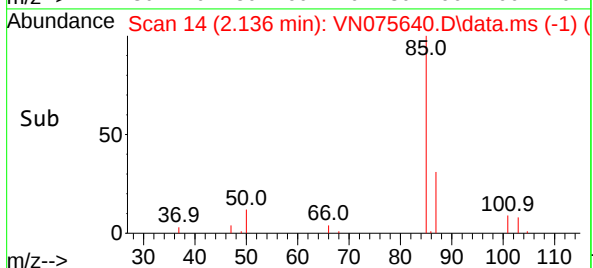
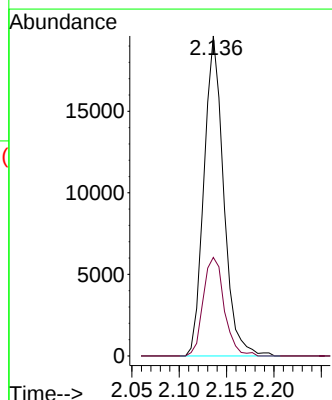
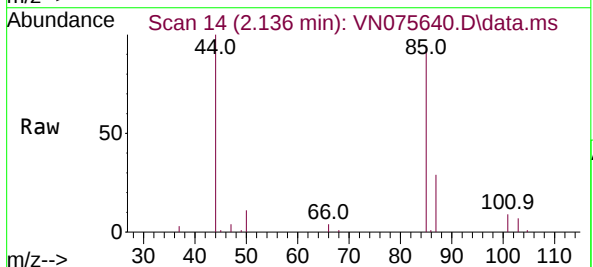
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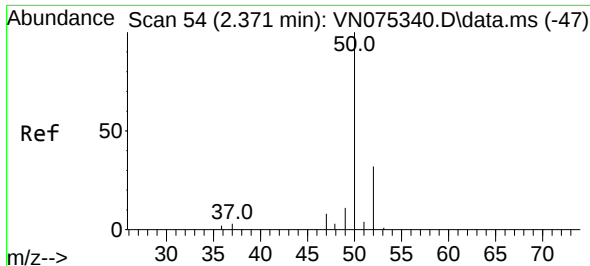
Tgt Ion:168 Resp: 174739
Ion Ratio Lower Upper
168 100
99 51.9 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 21.227 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 85 Resp: 28363
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.0

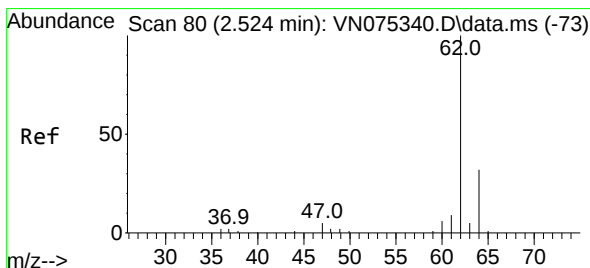
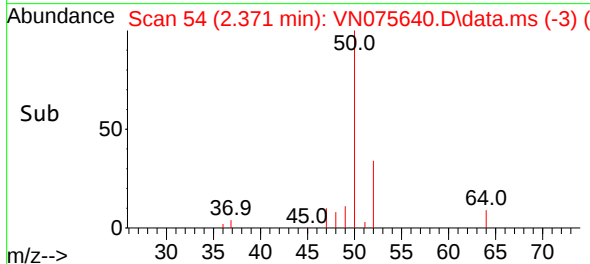
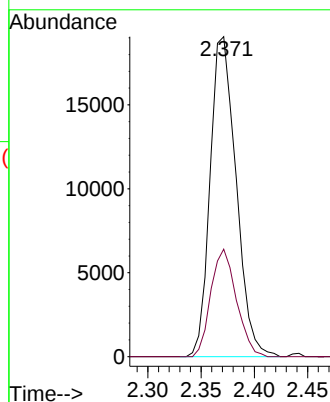
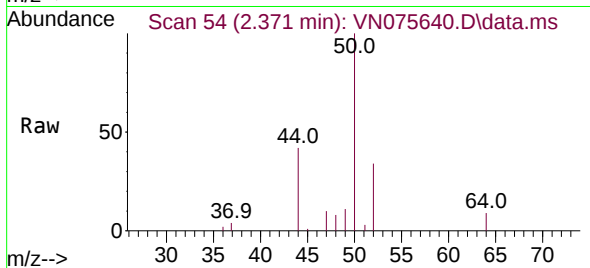




#3
Chloromethane
Concen: 19.456 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

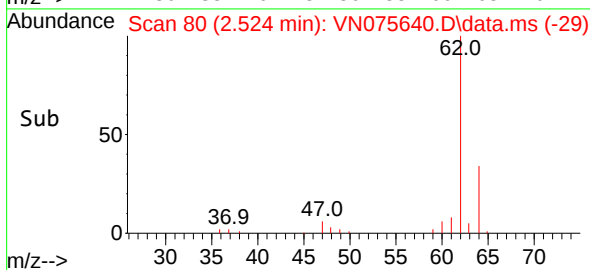
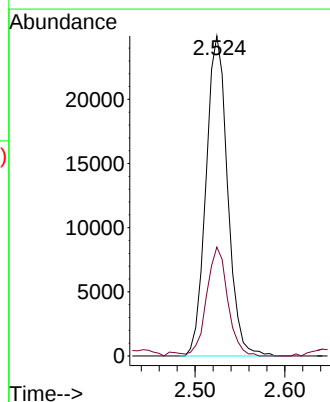
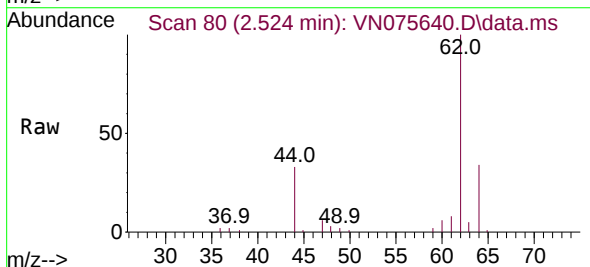
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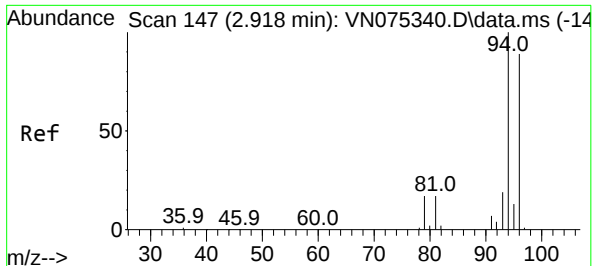
Tgt Ion: 50 Resp: 32347
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.6



#4
Vinyl Chloride
Concen: 19.897 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 62 Resp: 41690
Ion Ratio Lower Upper
62 100
64 34.0 24.0 36.0

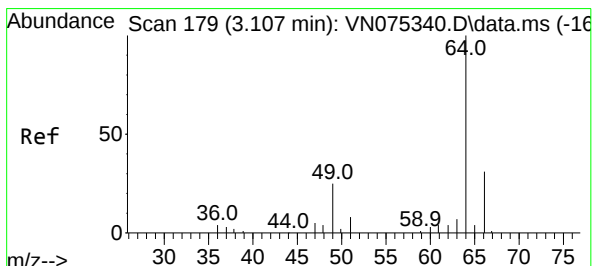
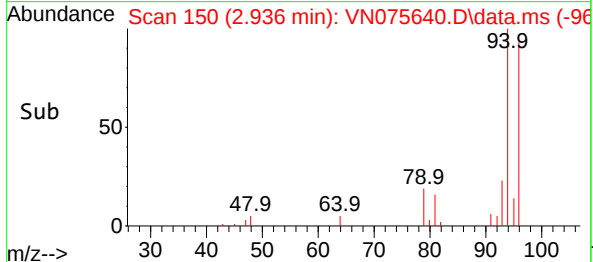
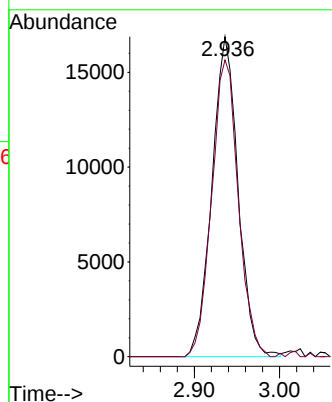
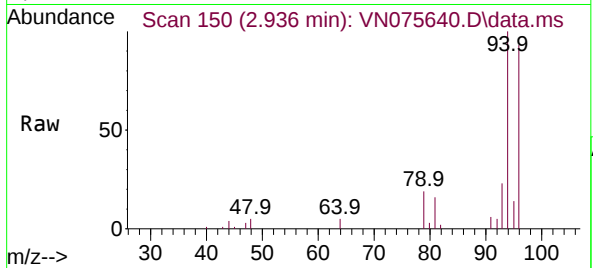




#5
Bromomethane
Concen: 19.534 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

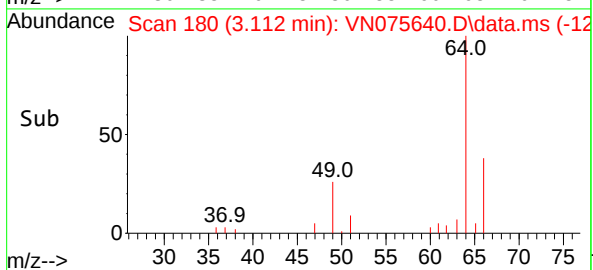
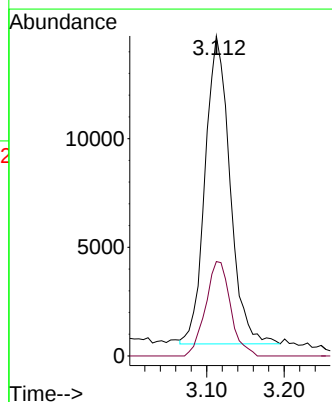
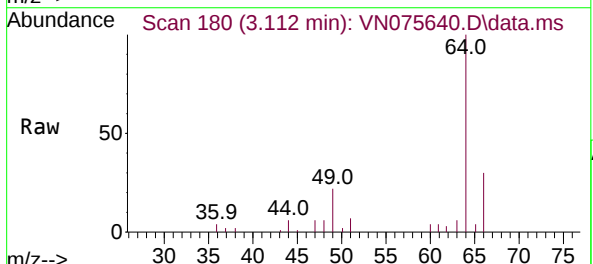
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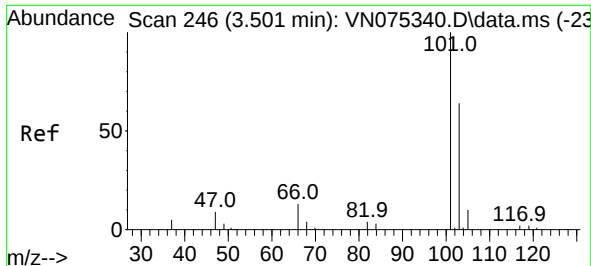
Tgt Ion: 94 Resp: 35993
Ion Ratio Lower Upper
94 100
96 92.7 71.8 107.6



#6
Chloroethane
Concen: 19.900 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 64 Resp: 31595
Ion Ratio Lower Upper
64 100
66 30.7 23.8 35.8

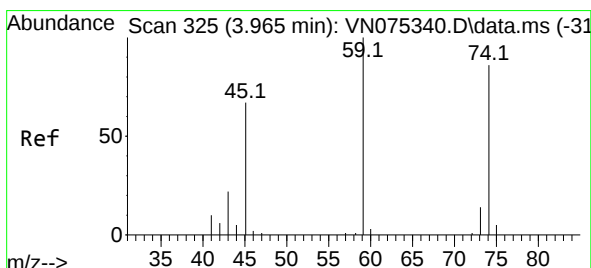
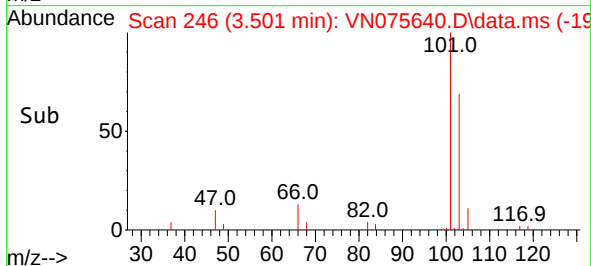
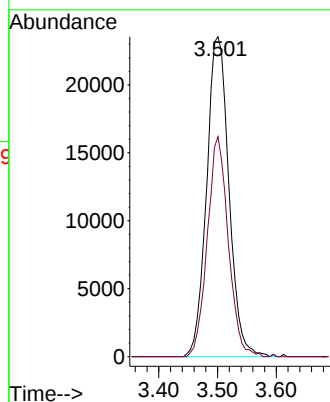
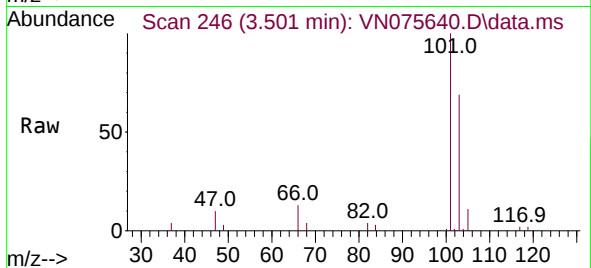




#7
 Trichlorofluoromethane
 Concen: 20.706 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

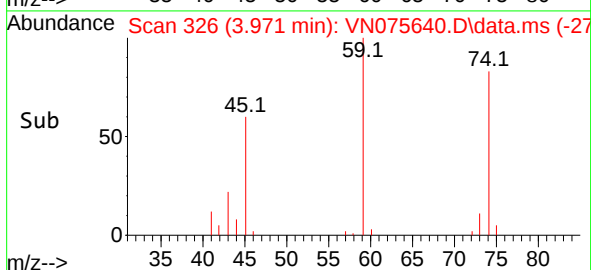
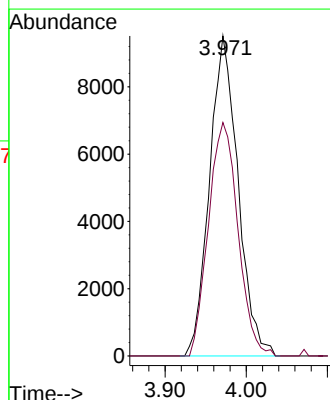
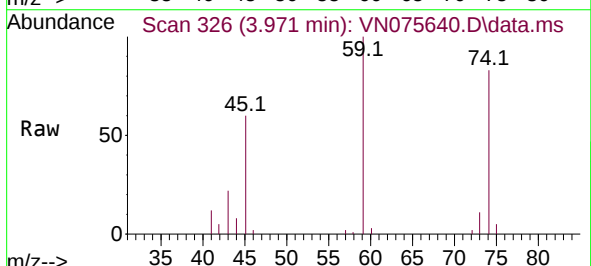
Instrument :
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 ClientSampleId :
 VN1208WBS01

Tgt Ion:101 Resp: 61981
 Ion Ratio Lower Upper
 101 100
 103 68.7 50.5 75.7



#8
 Diethyl Ether
 Concen: 22.131 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion: 74 Resp: 23219
 Ion Ratio Lower Upper
 74 100
 45 75.5 39.3 117.9

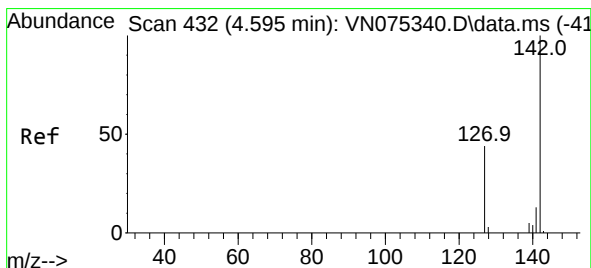
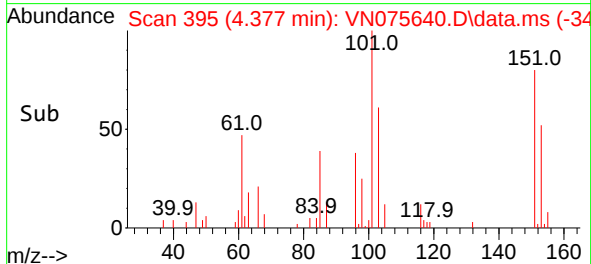
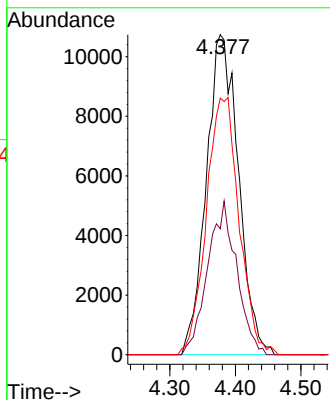
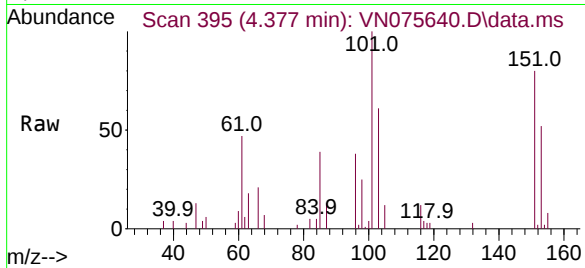




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.080 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. 0.000 min
 Lab File: VN075640.D
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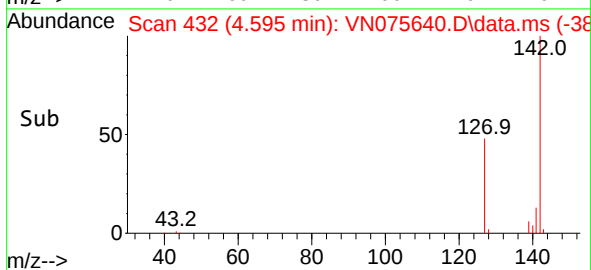
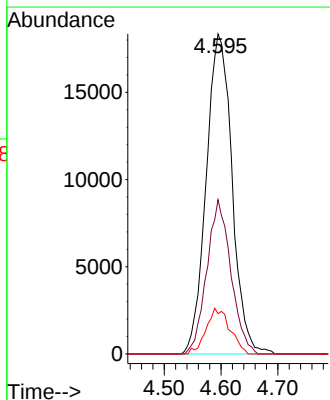
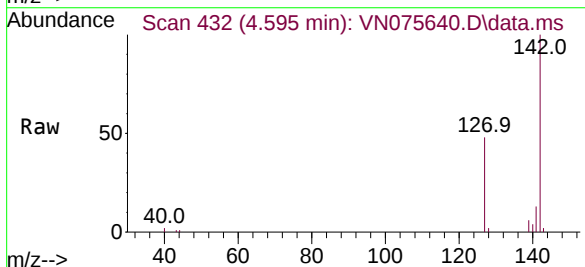
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 VN1208WBS01

Tgt Ion:	101	Resp:	36487
Ion	Ratio	Lower	Upper
101	100		
85	43.5	37.6	56.4
151	81.9	58.3	87.5



#10
 Methyl Iodide
 Concen: 21.648 ug/l
 RT: 4.595 min Scan# 432
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion:	142	Resp:	57968
Ion	Ratio	Lower	Upper
142	100		
127	44.9	38.0	57.0
141	13.1	12.2	18.4

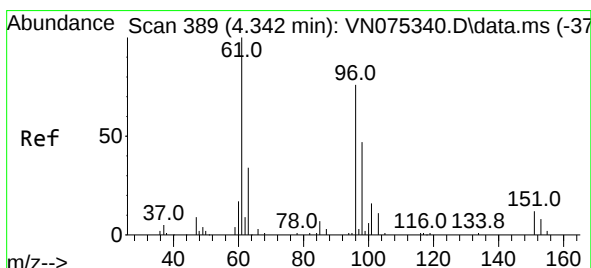
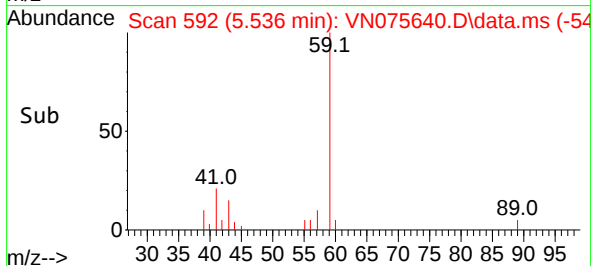
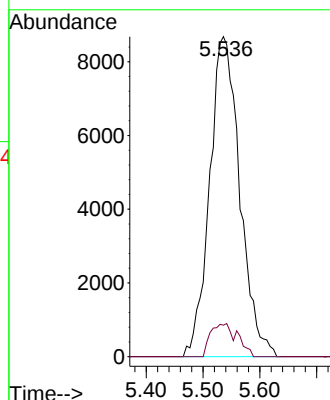
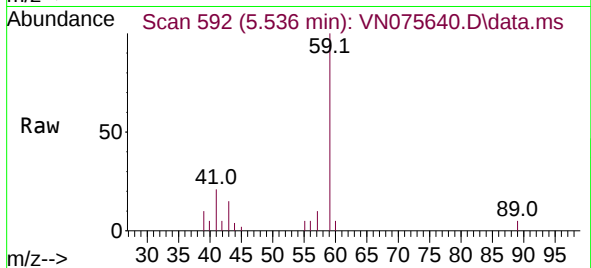




#11
Tert butyl alcohol
Concen: 81.401 ug/l
RT: 5.536 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

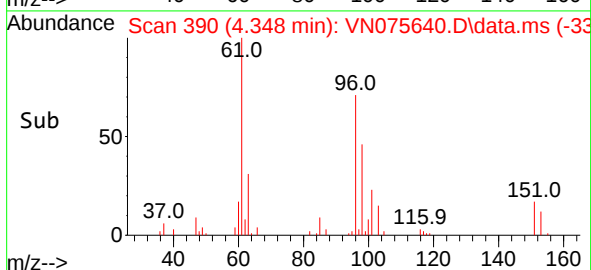
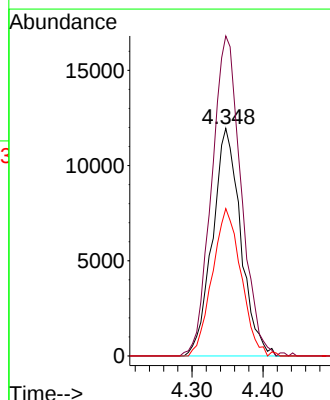
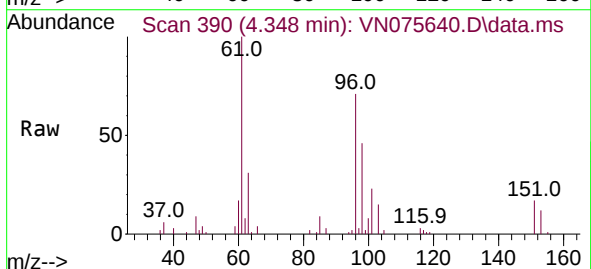
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion: 59 Resp: 32052
Ion Ratio Lower Upper
59 100
57 7.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 20.367 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 96 Resp: 32957
Ion Ratio Lower Upper
96 100
61 140.7 126.2 189.4
98 64.8 51.5 77.3





#13

Acrolein

Concen: 95.192 ug/l

RT: 4.189 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

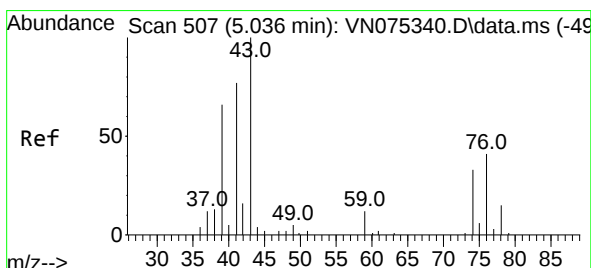
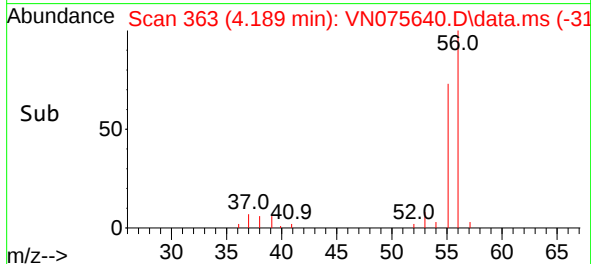
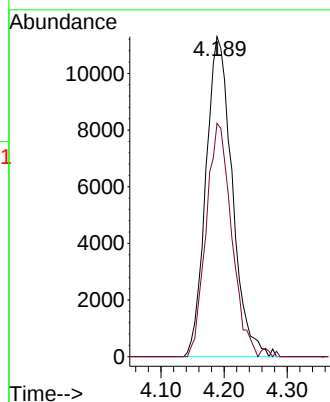
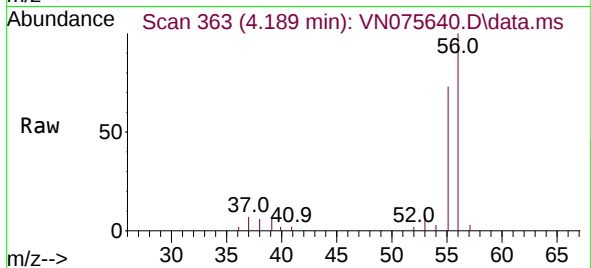
VN1208WBS01

Tgt Ion: 56 Resp: 32653

Ion Ratio Lower Upper

56 100

55 70.4 55.2 82.8



#14

Allyl chloride

Concen: 18.898 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

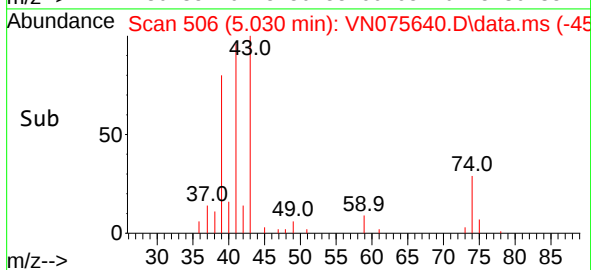
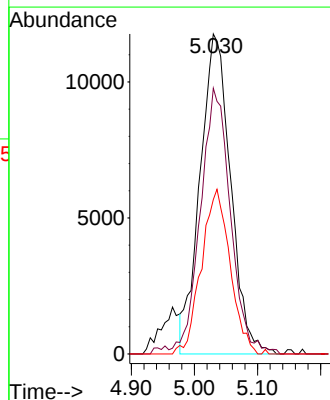
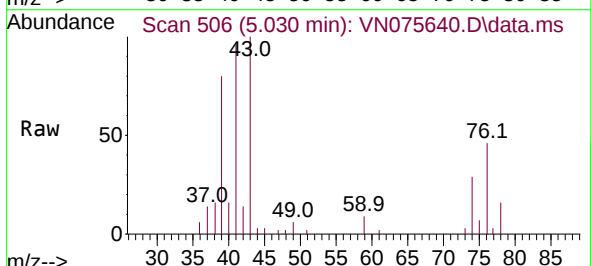
Tgt Ion: 41 Resp: 39556

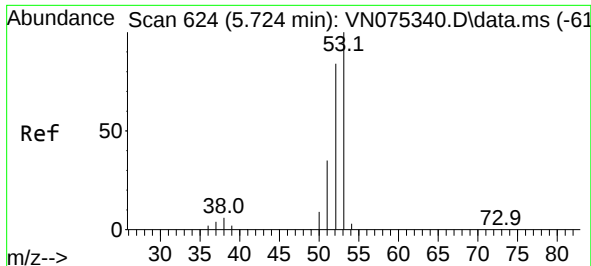
Ion Ratio Lower Upper

41 100

39 81.4 61.0 91.4

76 48.3 33.4 50.0

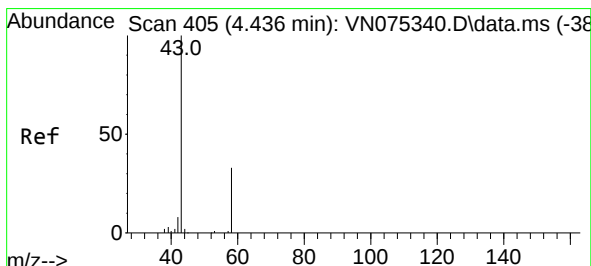
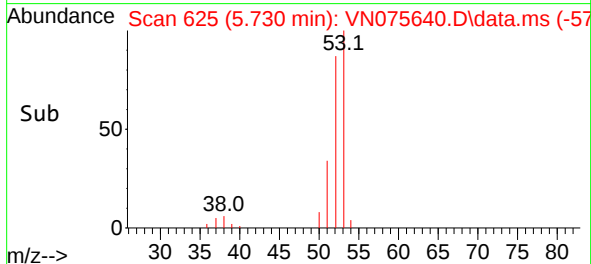
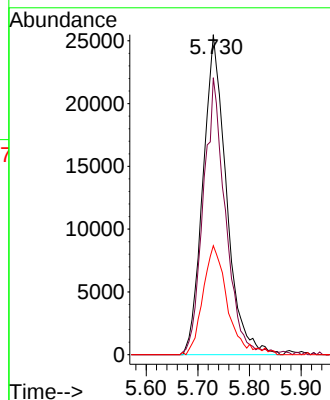
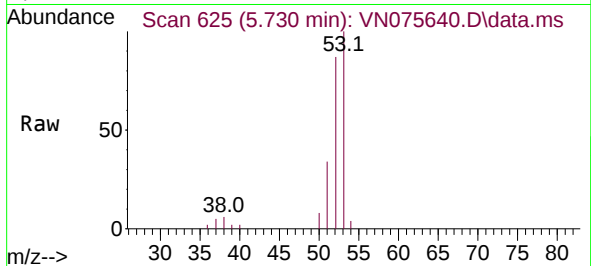




#15
Acrylonitrile
Concen: 88.827 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

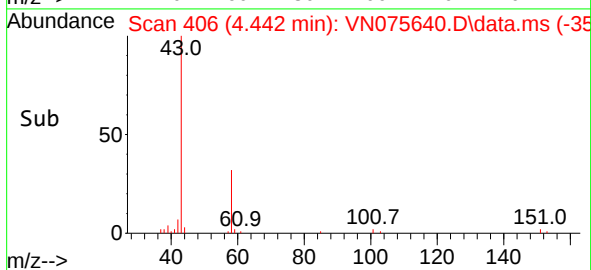
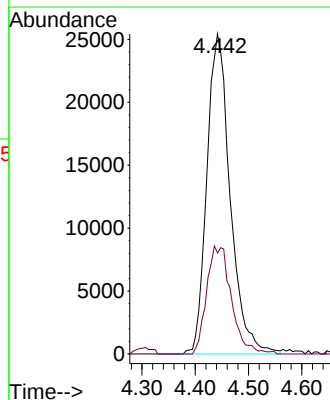
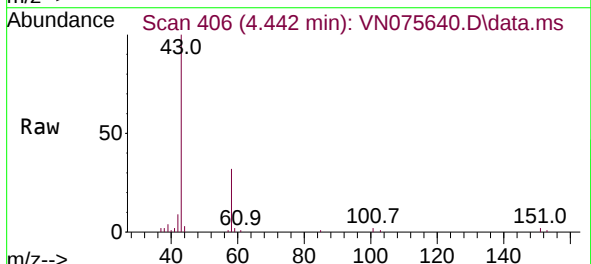
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

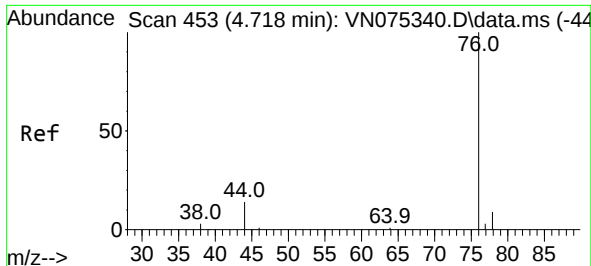
Tgt Ion: 53 Resp: 80244
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.7 29.6 44.4



#16
Acetone
Concen: 88.483 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 43 Resp: 77414
Ion Ratio Lower Upper
43 100
58 31.6 25.5 38.3

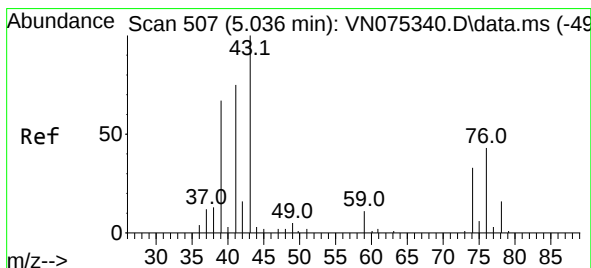
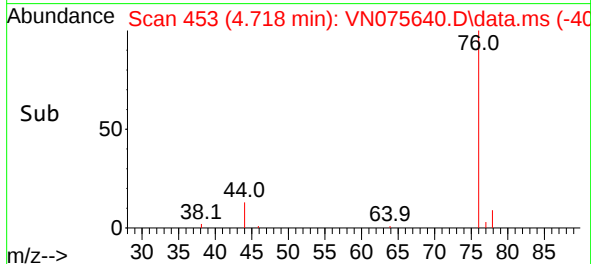
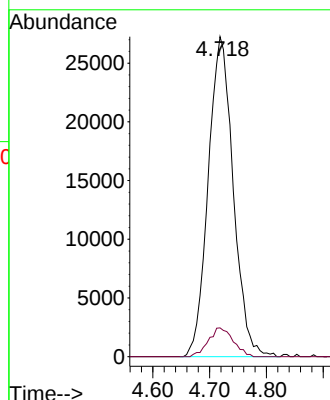
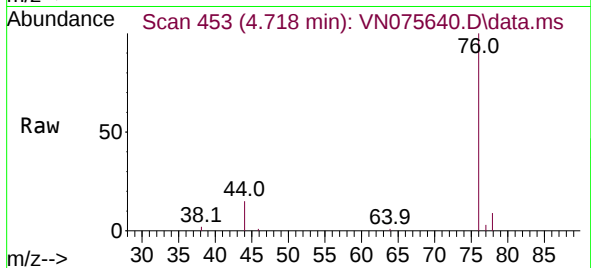




#17
Carbon Disulfide
Concen: 19.831 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

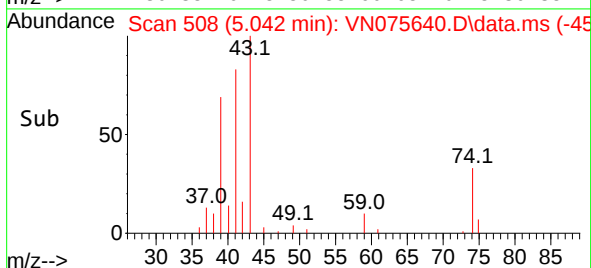
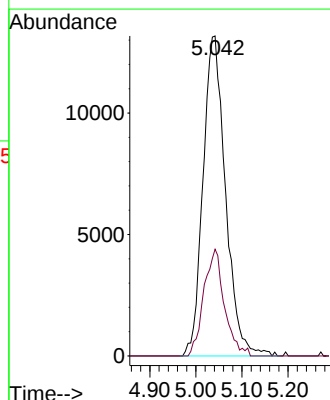
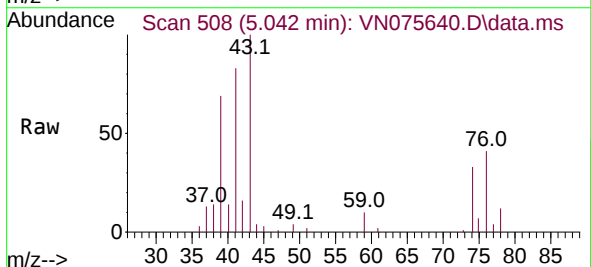
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

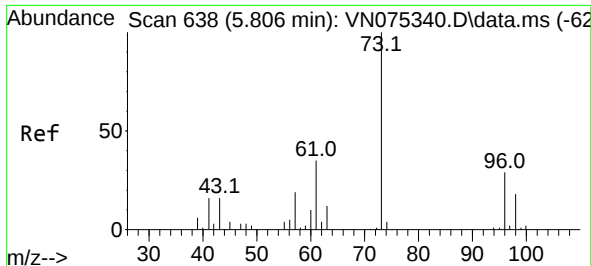
Tgt Ion: 76 Resp: 83398
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 19.555 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 43 Resp: 44870
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0

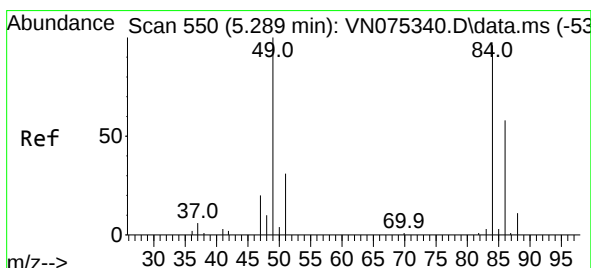
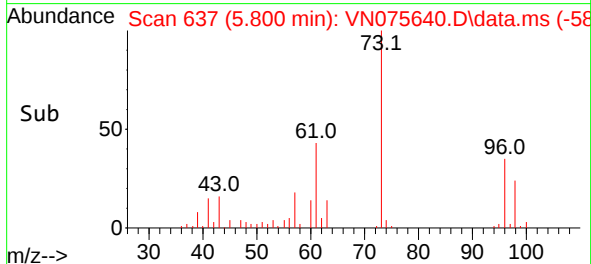
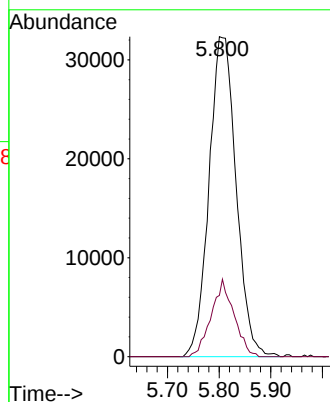
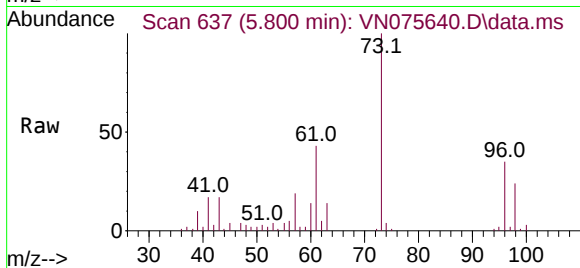




#19
Methyl tert-butyl Ether
Concen: 20.526 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

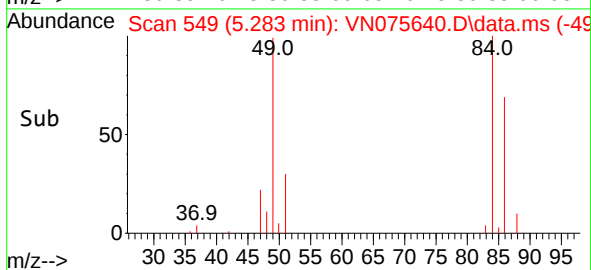
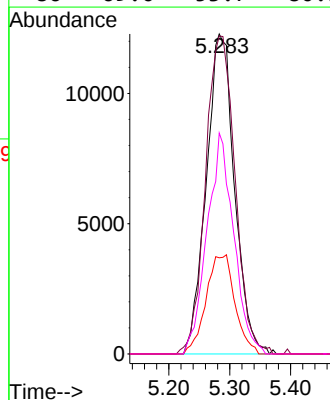
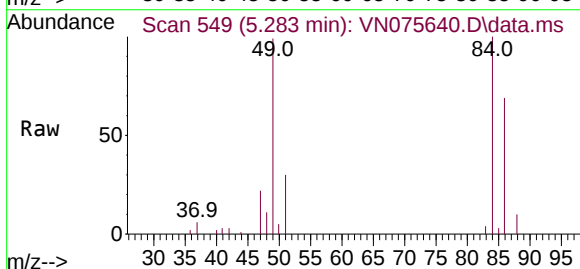
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

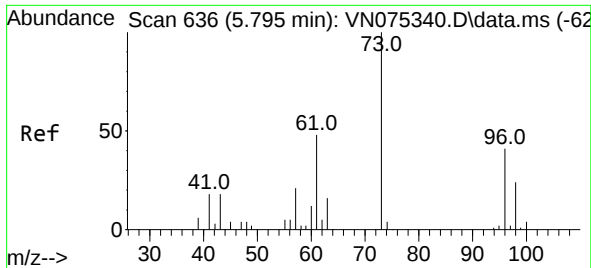
Tgt Ion: 73 Resp: 117661
Ion Ratio Lower Upper
73 100
57 19.2 16.3 24.5



#20
Methylene Chloride
Concen: 21.657 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 84 Resp: 39709
Ion Ratio Lower Upper
84 100
49 99.3 94.9 142.3
51 30.0 26.8 40.2
86 69.0 53.7 80.5

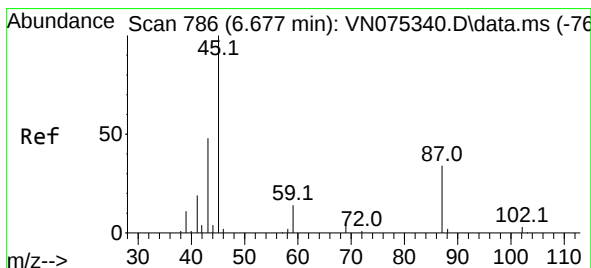
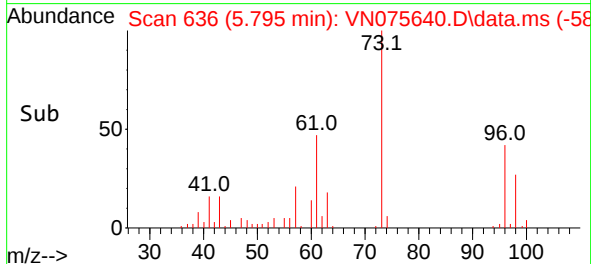
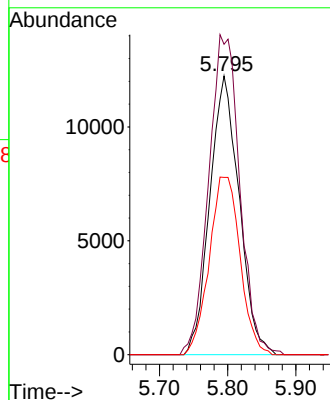
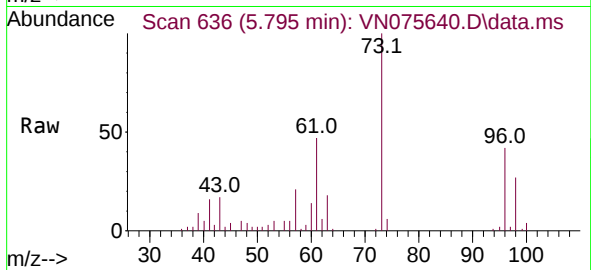




#21
trans-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

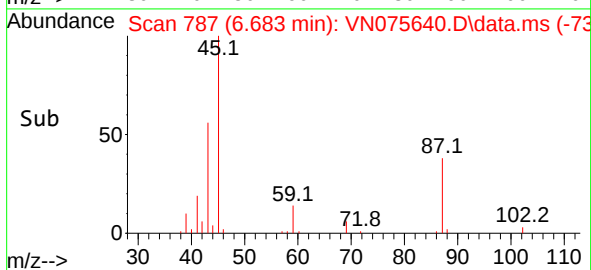
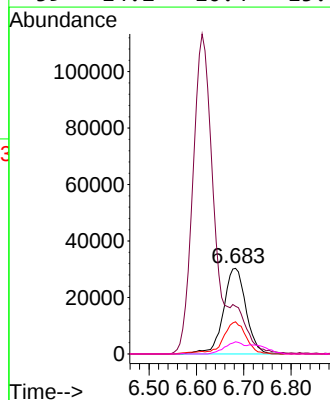
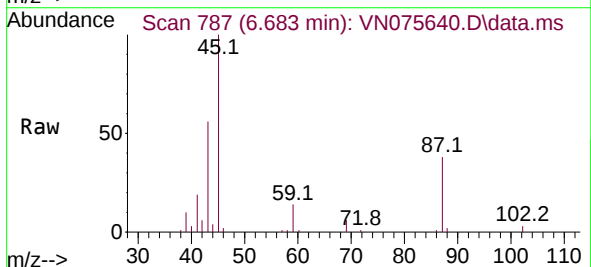
Instrument :
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ClientSampleId :
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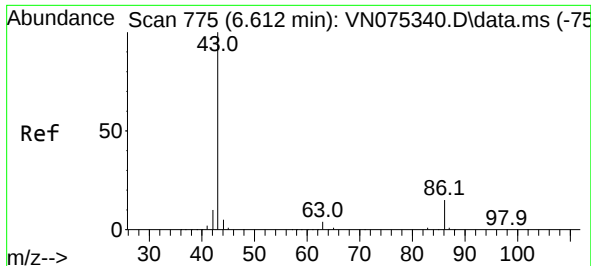
Tgt Ion: 96 Resp: 36707
Ion Ratio Lower Upper
96 100
61 111.4 99.9 149.9
98 63.6 51.5 77.3



#22
Diisopropyl ether
Concen: 20.919 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 45 Resp: 99919
Ion Ratio Lower Upper
45 100
43 54.4 42.8 64.2
87 37.5 28.4 42.6
59 14.2 10.4 15.6

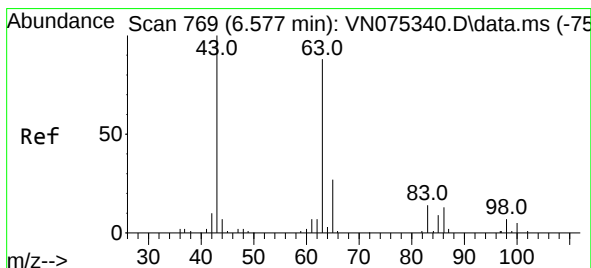
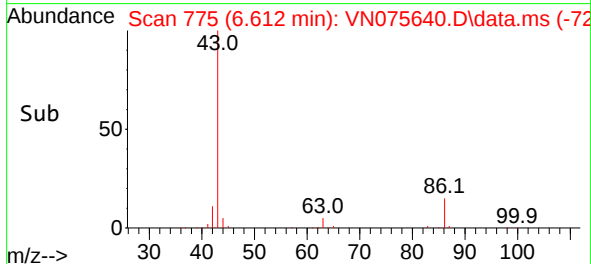
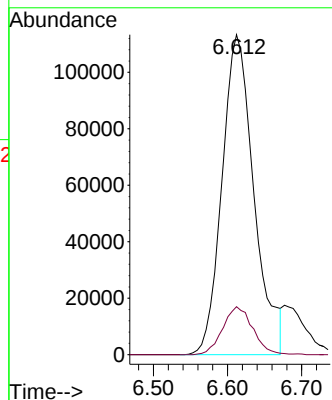
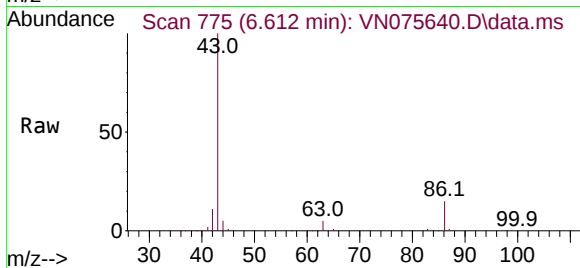




#23
 Vinyl Acetate
 Concen: 89.243 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

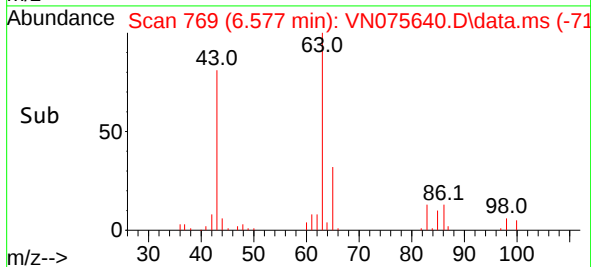
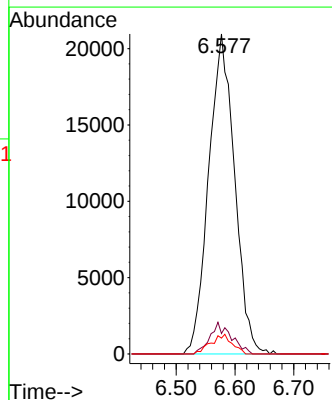
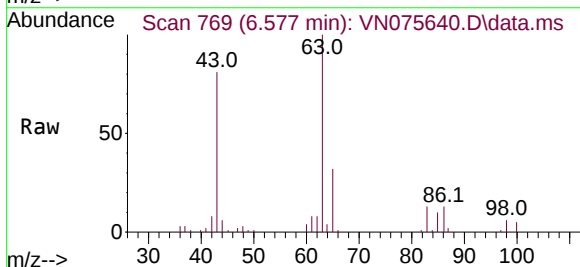
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

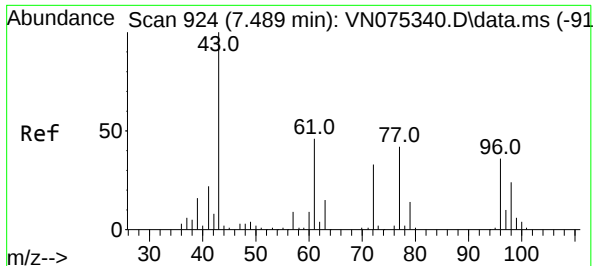
Tgt Ion: 43 Resp: 339125
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.918 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion: 63 Resp: 64132
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.9 2.4 7.2

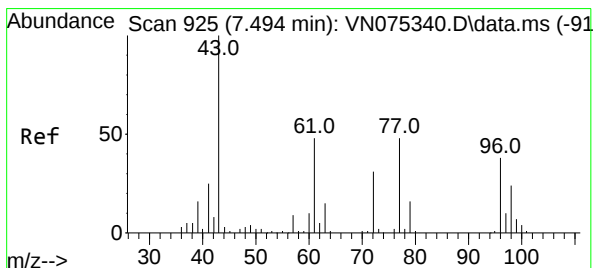
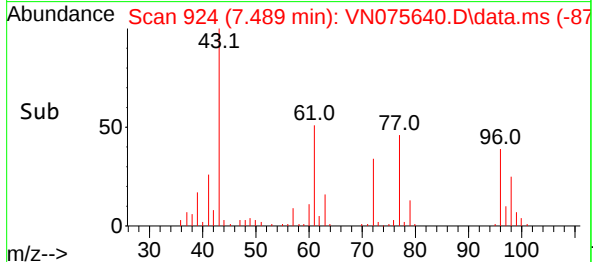
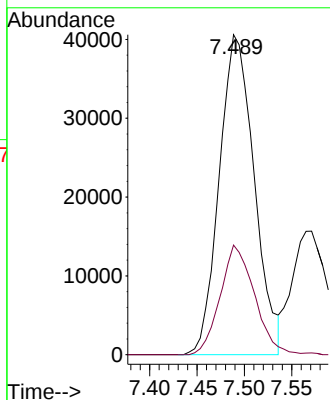
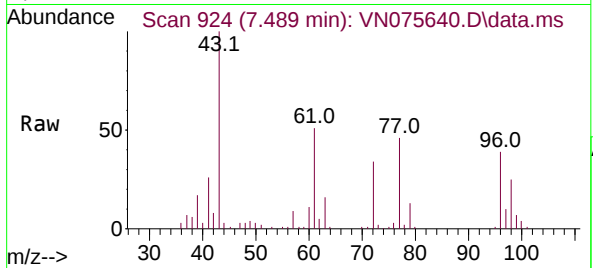




#25
2-Butanone
Concen: 85.432 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

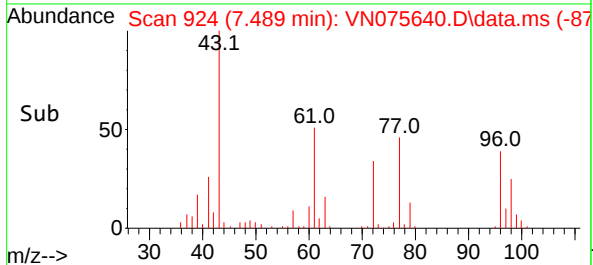
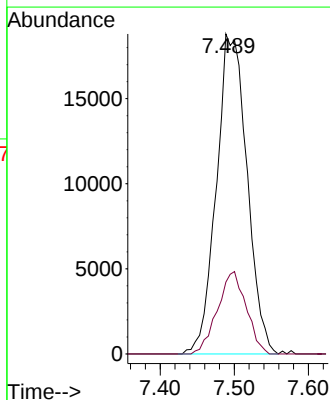
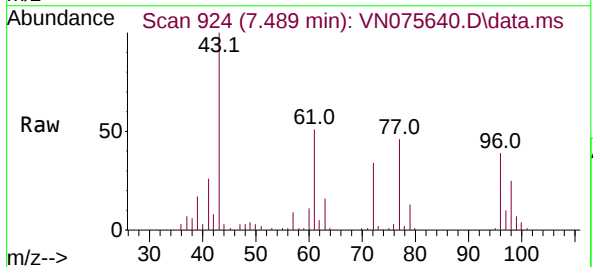
Instrument :
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ClientSampleId :
VN1208WBS01

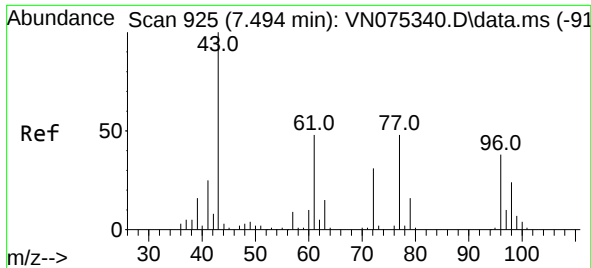
Tgt Ion: 43 Resp: 104353
Ion Ratio Lower Upper
43 100
72 34.2 25.5 38.3



#26
2,2-Dichloropropane
Concen: 18.929 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 77 Resp: 53937
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6

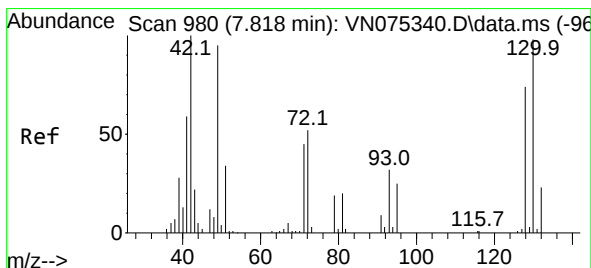
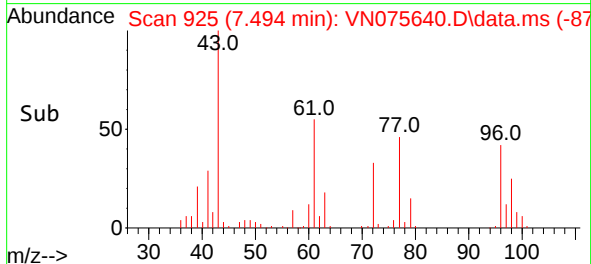
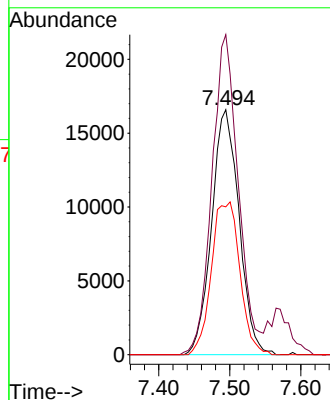
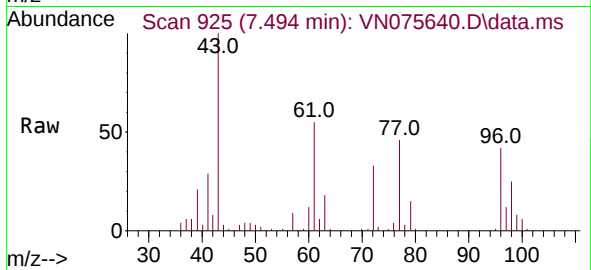




#27
 cis-1,2-Dichloroethene
 Concen: 21.323 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

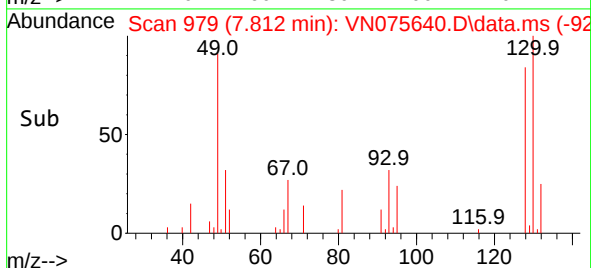
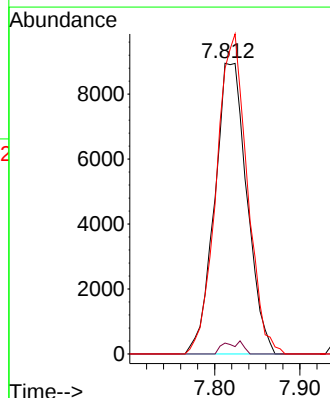
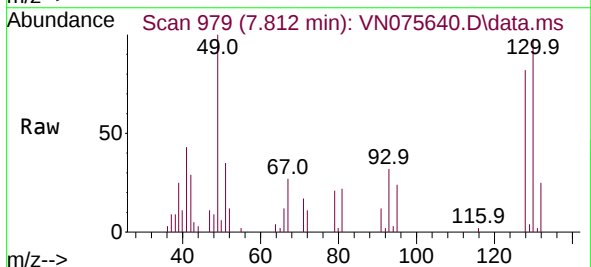
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Tgt Ion: 96 Resp: 44464
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 278.8
 98 64.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 18.938 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion: 49 Resp: 23569
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 105.4 66.2 99.4#

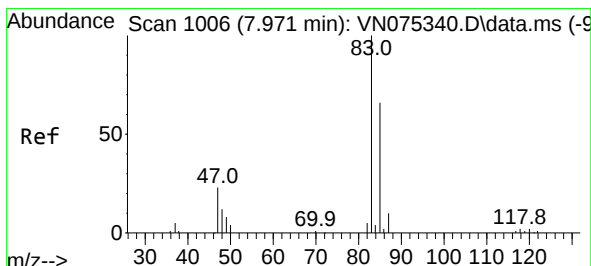
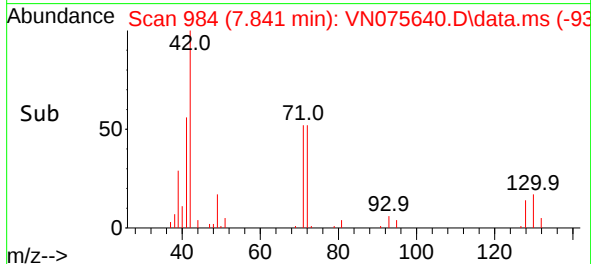
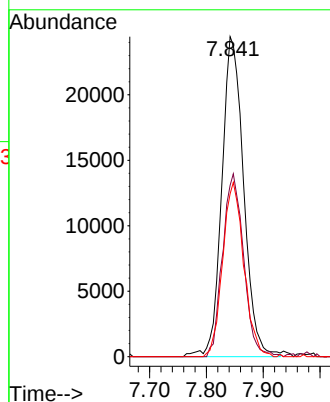
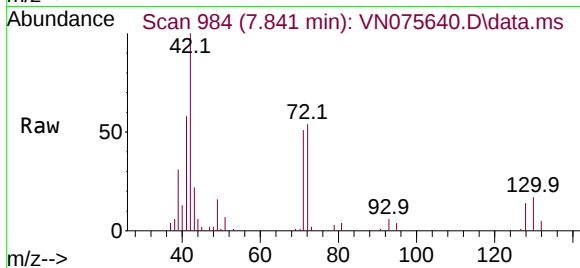




#29
Tetrahydrofuran
Concen: 87.919 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

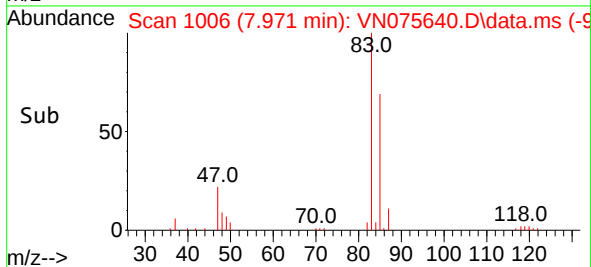
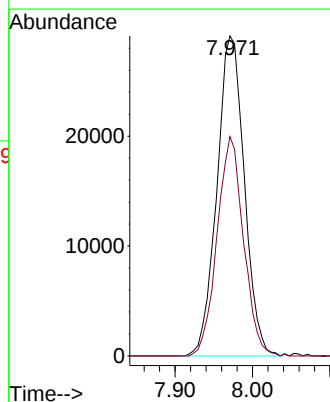
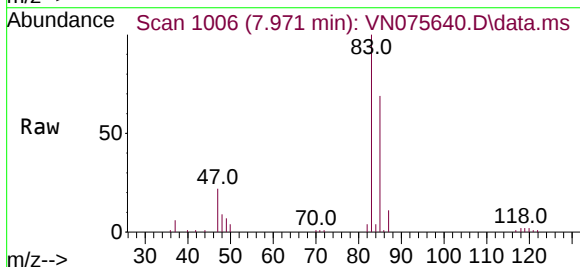
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

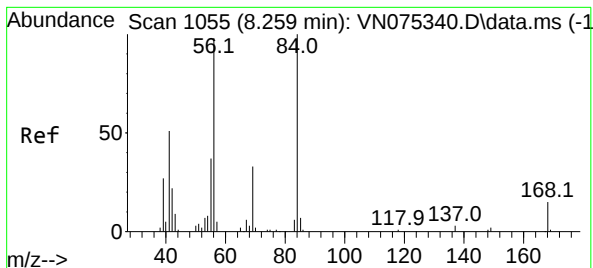
Tgt Ion: 42 Resp: 65322
Ion Ratio Lower Upper
42 100
72 55.0 43.0 64.6
71 52.8 39.9 59.9



#30
Chloroform
Concen: 20.378 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 83 Resp: 71748
Ion Ratio Lower Upper
83 100
85 68.6 51.4 77.0





#31

Cyclohexane

Concen: 18.528 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

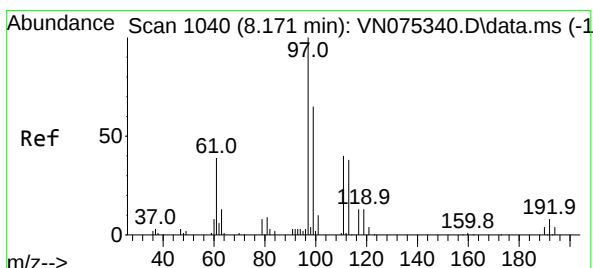
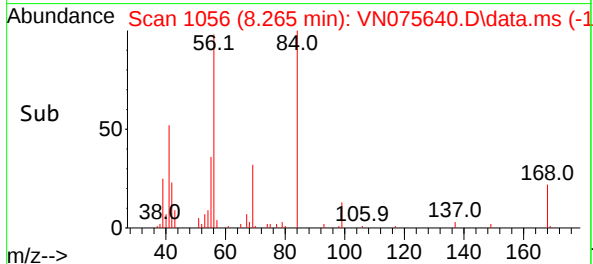
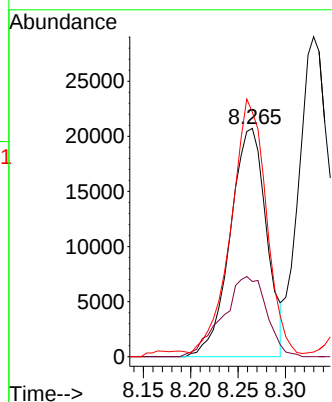
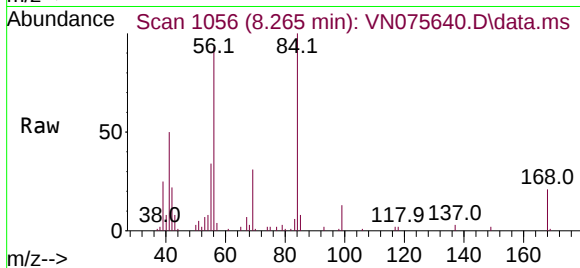
Tgt Ion: 56 Resp: 55215

Ion Ratio Lower Upper

56 100

69 32.9 25.2 37.8

84 104.7 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 20.311 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

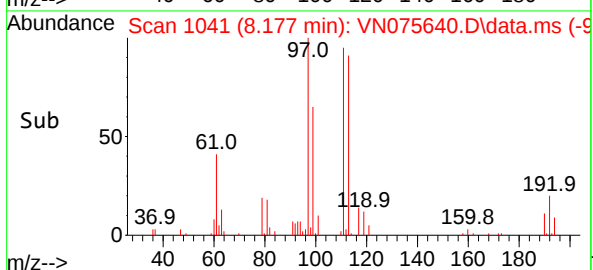
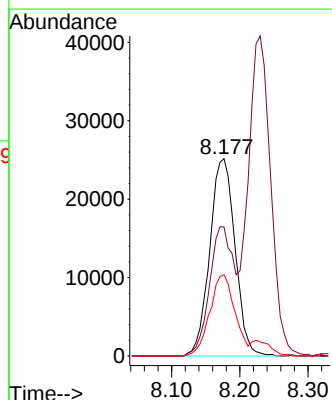
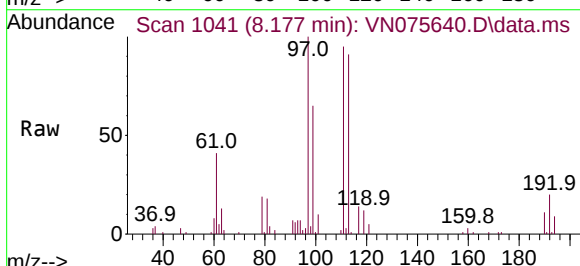
Tgt Ion: 97 Resp: 64931

Ion Ratio Lower Upper

97 100

99 61.5 50.2 75.2

61 40.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 46.966 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

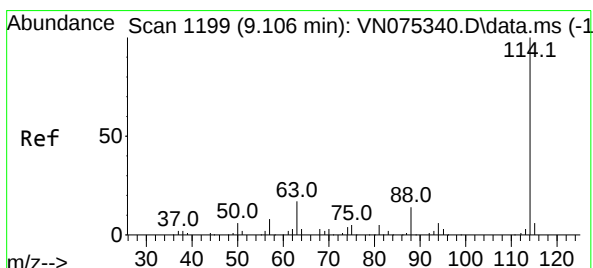
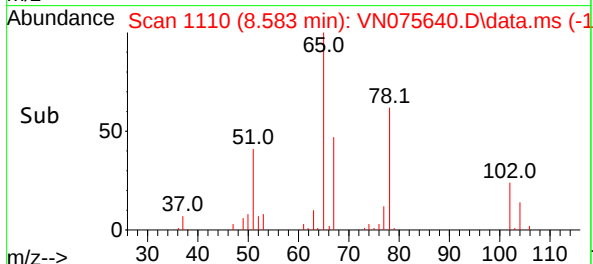
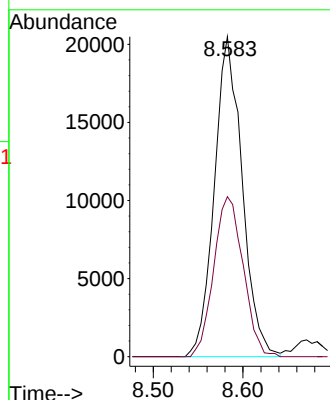
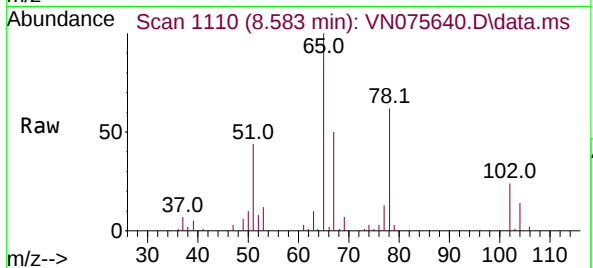
VN1208WBS01

Tgt Ion: 65 Resp: 44053

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

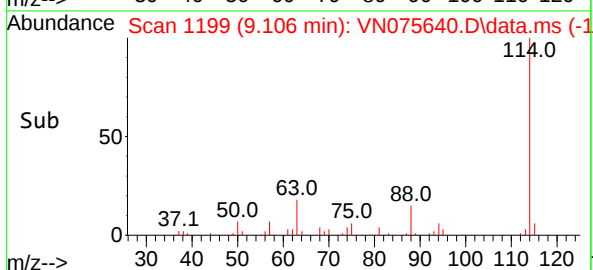
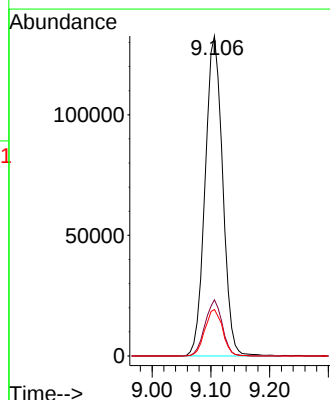
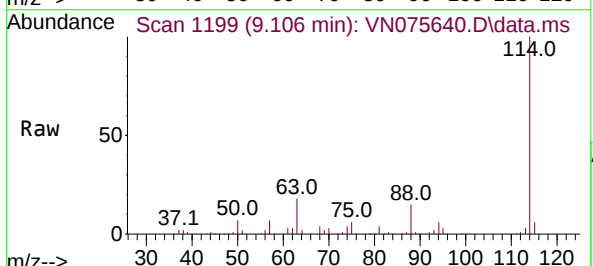
Tgt Ion: 114 Resp: 274029

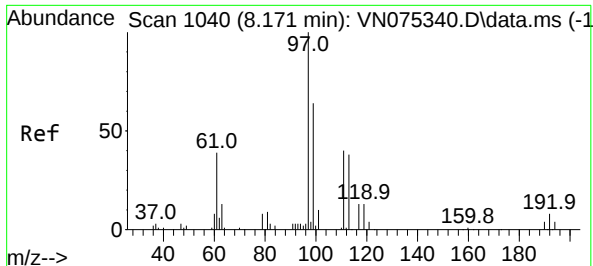
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.5 0.0 29.0

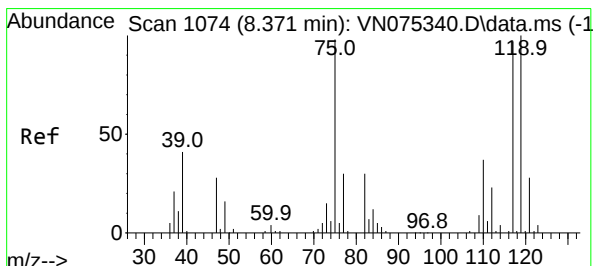
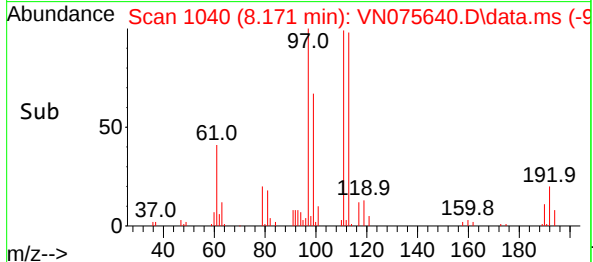
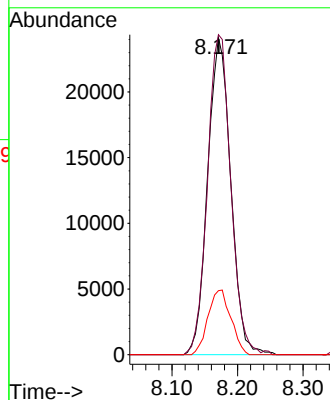
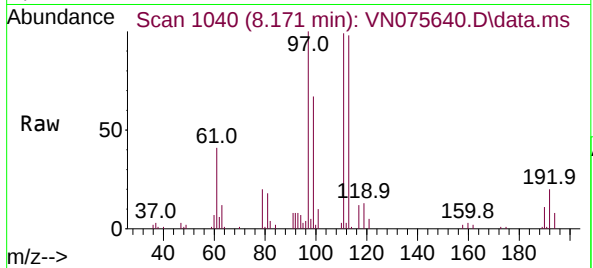




#35
Dibromofluoromethane
Concen: 54.983 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

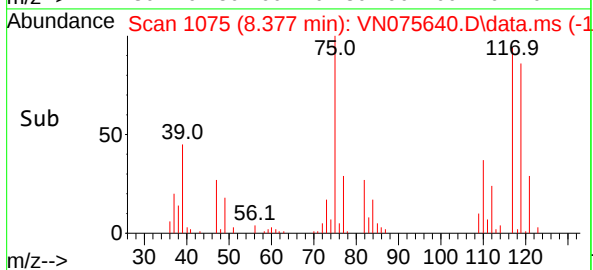
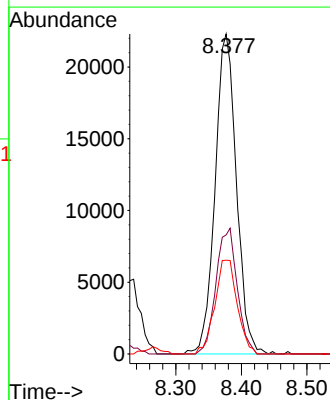
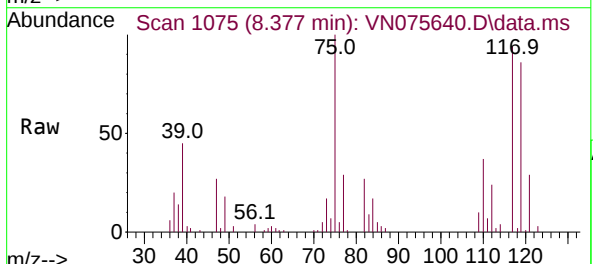
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

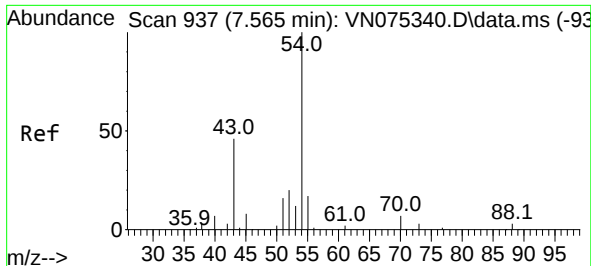
Tgt Ion:113 Resp: 59188
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 20.1 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 21.466 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 75 Resp: 50392
Ion Ratio Lower Upper
75 100
110 39.2 17.8 53.3
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 20.045 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

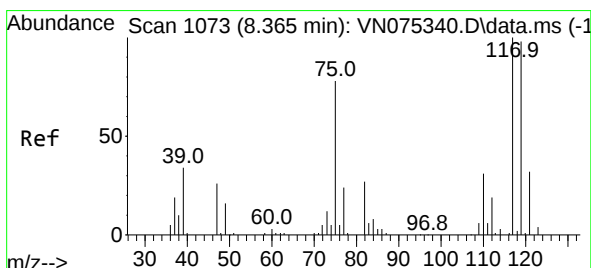
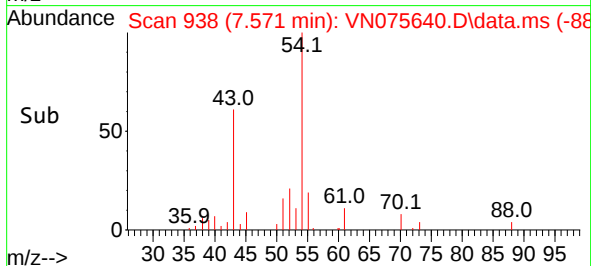
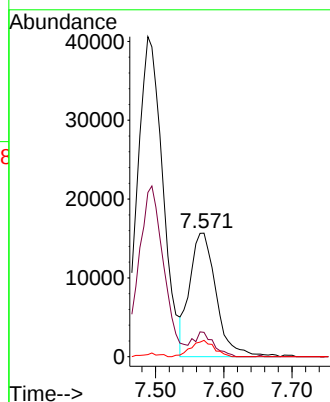
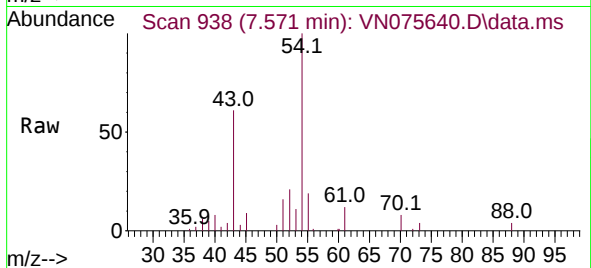
Tgt Ion: 43 Resp: 42372

Ion Ratio Lower Upper

43 100

61 15.0 12.2 18.4

70 11.4 9.4 14.2



#38

Carbon Tetrachloride

Concen: 22.805 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

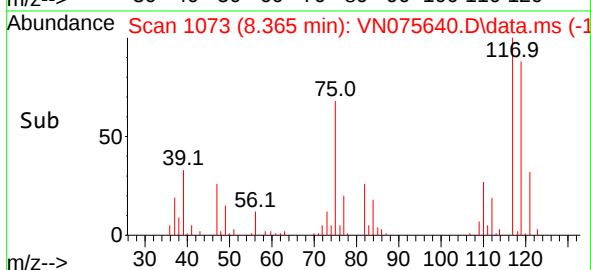
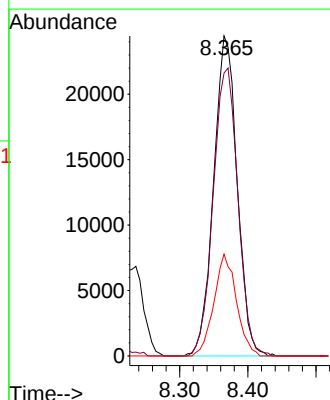
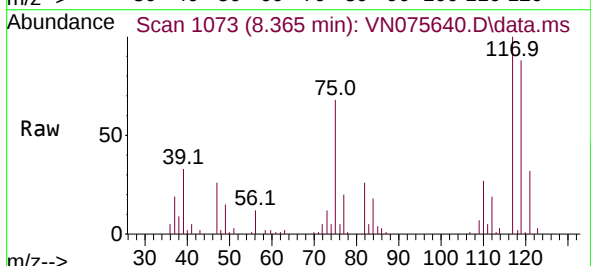
Tgt Ion: 117 Resp: 58809

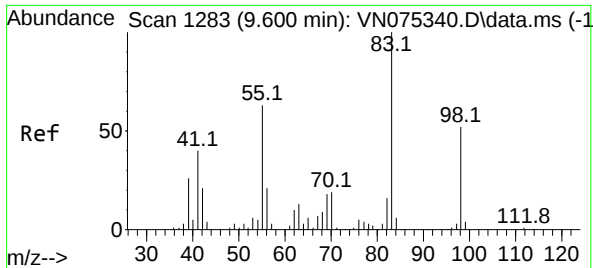
Ion Ratio Lower Upper

117 100

119 88.4 76.7 115.1

121 31.8 23.9 35.9





#39

Methylcyclohexane

Concen: 22.082 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

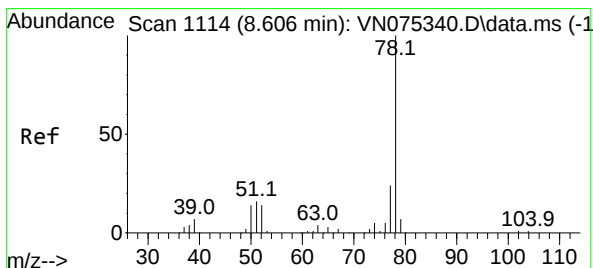
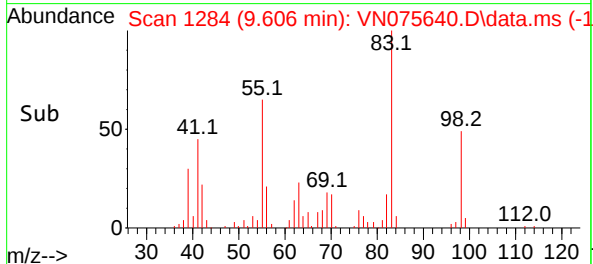
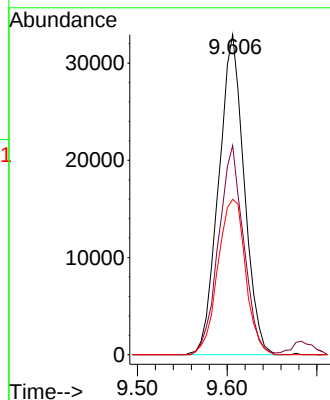
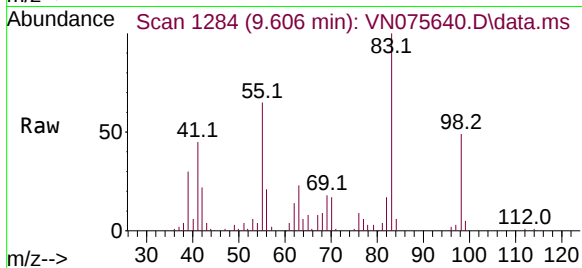
Tgt Ion: 83 Resp: 64877

Ion Ratio Lower Upper

83 100

55 65.4 53.6 80.4

98 48.6 41.1 61.7



#40

Benzene

Concen: 22.453 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075640.D

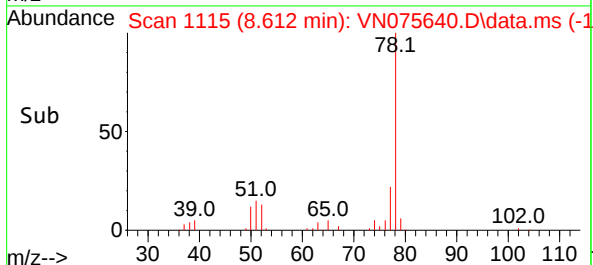
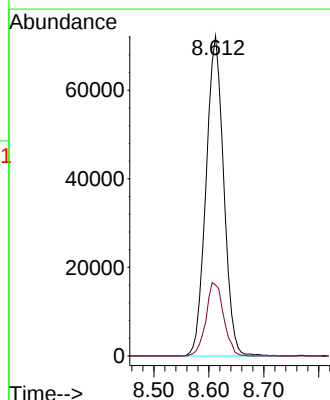
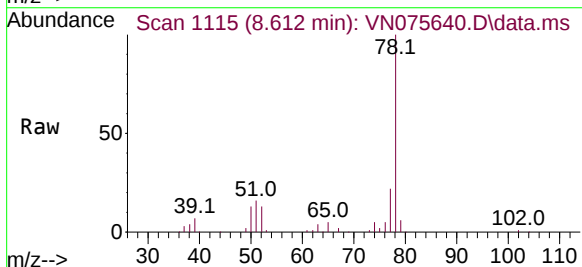
Acq: 08 Dec 2022 11:17

Tgt Ion: 78 Resp: 161384

Ion Ratio Lower Upper

78 100

77 22.2 19.4 29.0

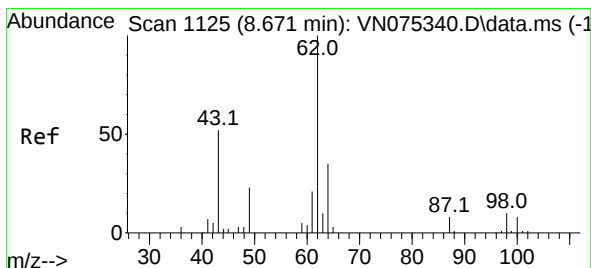
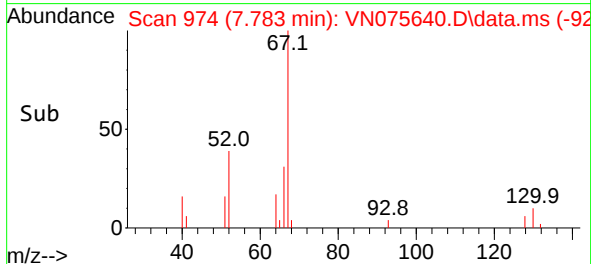
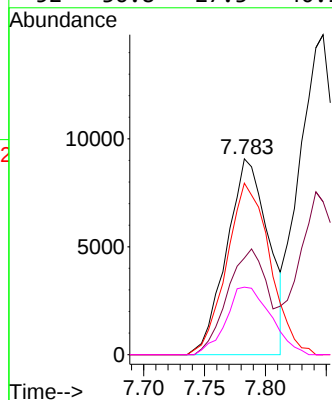
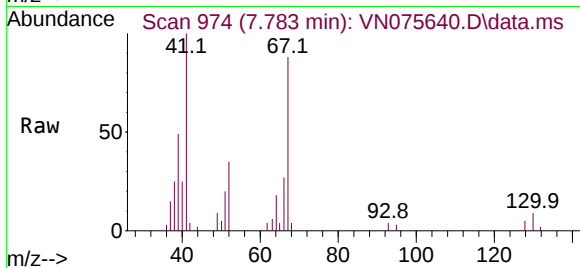




#41
Methacrylonitrile
Concen: 20.097 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

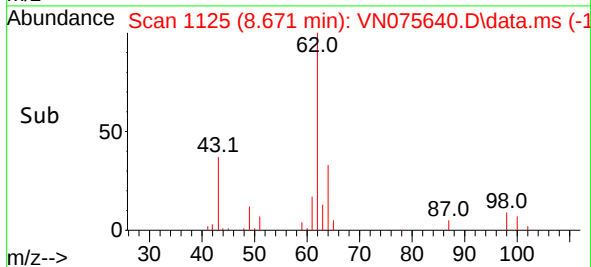
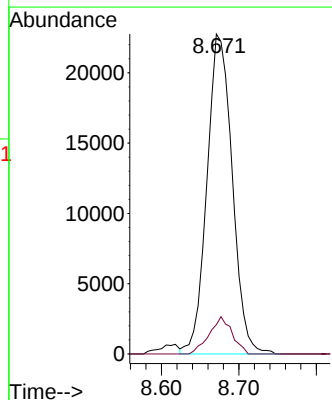
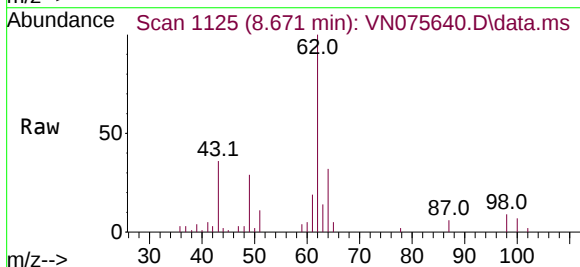
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

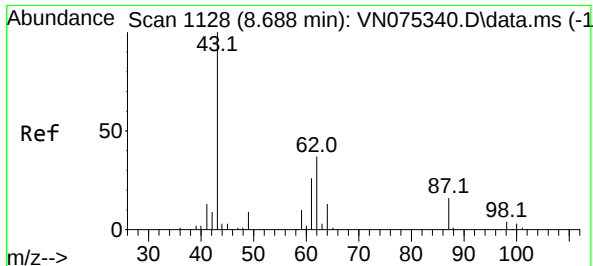
Tgt Ion:	41	Resp:	21719
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.4	66.6
67	90.7	69.8	104.6
52	36.8	27.3	40.9



#42
1,2-Dichloroethane
Concen: 21.515 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:	62	Resp:	51790
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.811 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

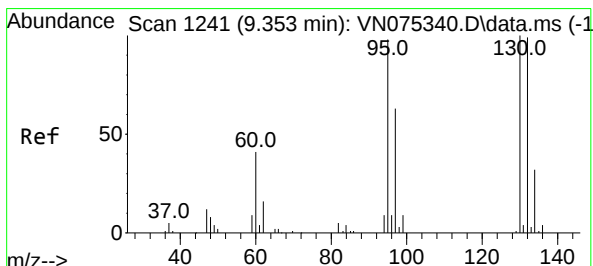
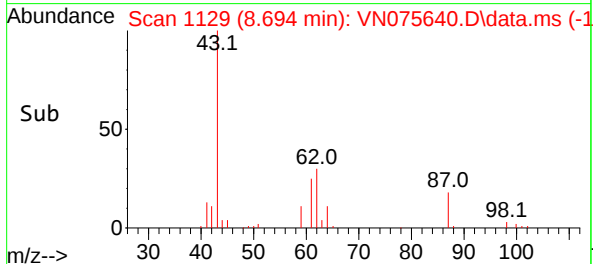
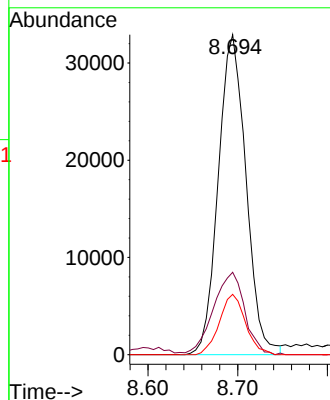
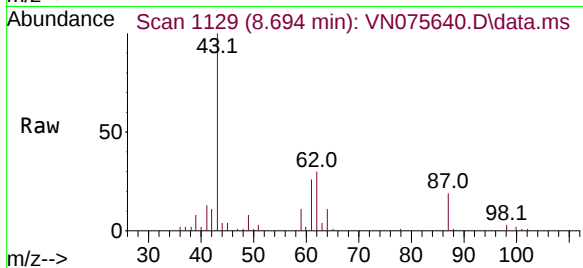
Tgt Ion: 43 Resp: 70609

Ion Ratio Lower Upper

43 100

61 29.1 22.4 33.6

87 17.8 12.5 18.7



#44

Trichloroethene

Concen: 22.476 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075640.D

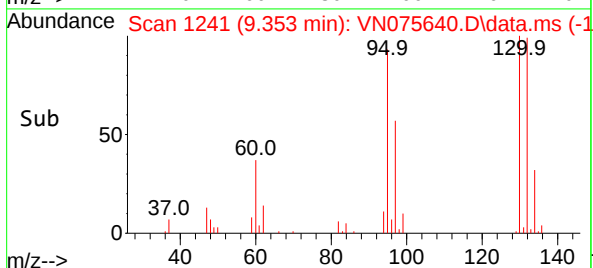
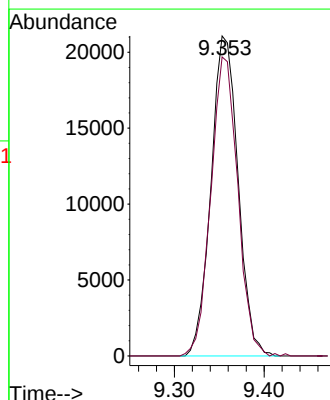
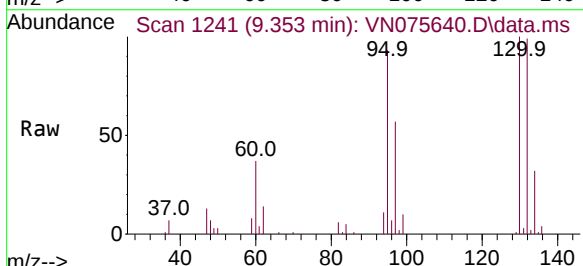
Acq: 08 Dec 2022 11:17

Tgt Ion:130 Resp: 44202

Ion Ratio Lower Upper

130 100

95 93.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.328 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

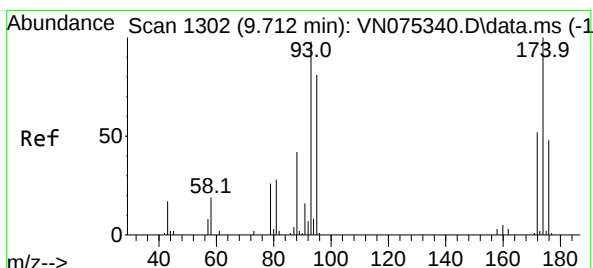
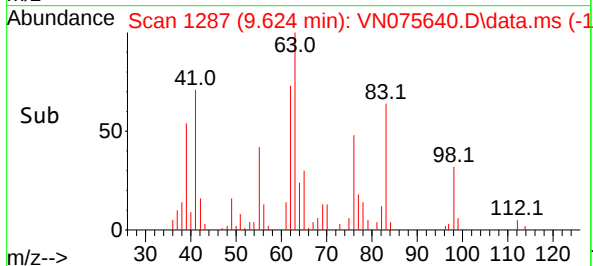
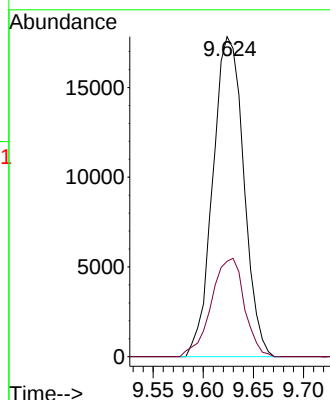
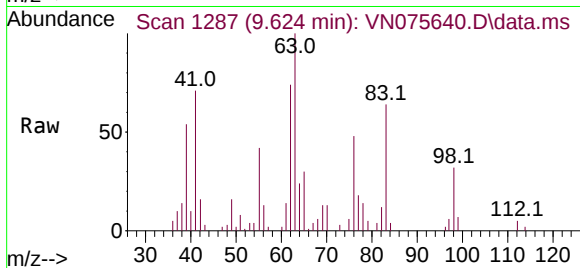
VN1208WBS01

Tgt Ion: 63 Resp: 38244

Ion Ratio Lower Upper

63 100

65 29.8 26.1 39.1



#46

Dibromomethane

Concen: 22.882 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

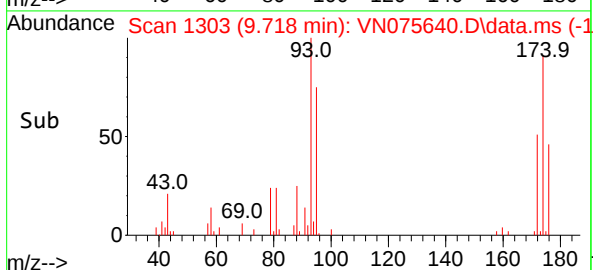
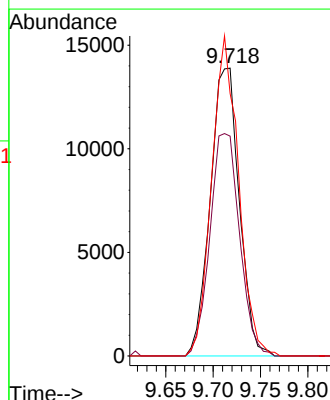
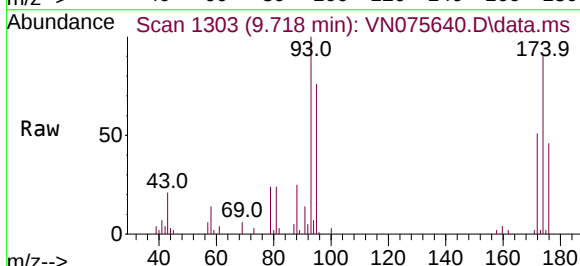
Tgt Ion: 93 Resp: 29645

Ion Ratio Lower Upper

93 100

95 78.7 66.6 99.8

174 102.6 70.3 105.5

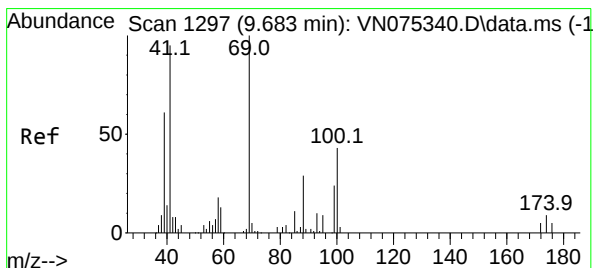
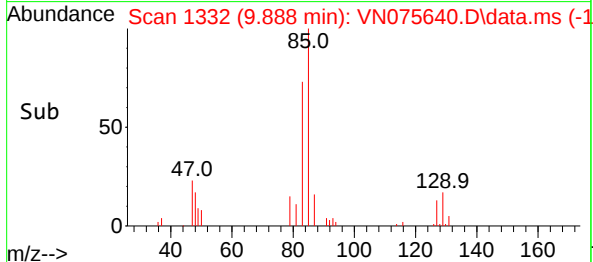
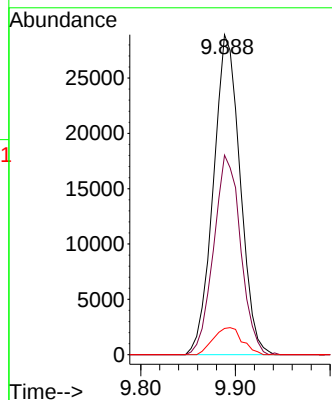
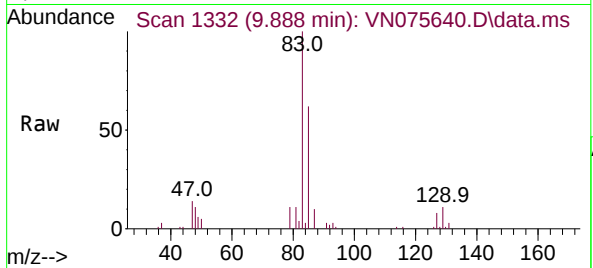




#47
Bromodichloromethane
Concen: 22.610 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

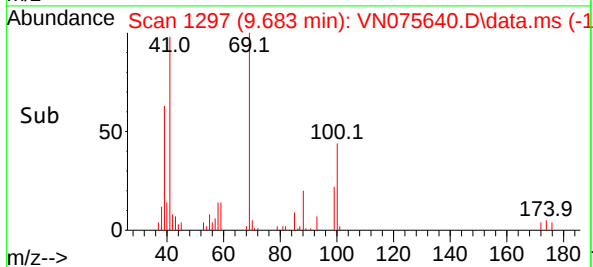
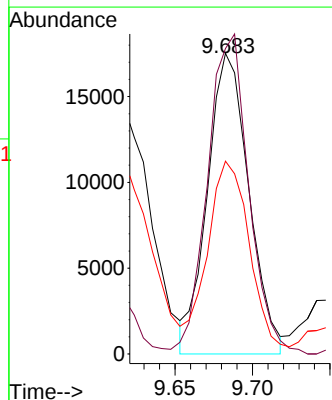
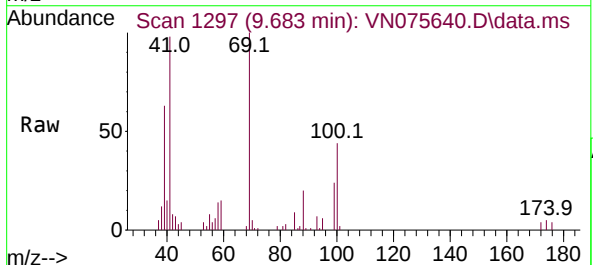
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion: 83 Resp: 56725
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 20.768 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 41 Resp: 32582
Ion Ratio Lower Upper
41 100
69 105.7 80.2 120.2
39 66.1 56.2 84.2

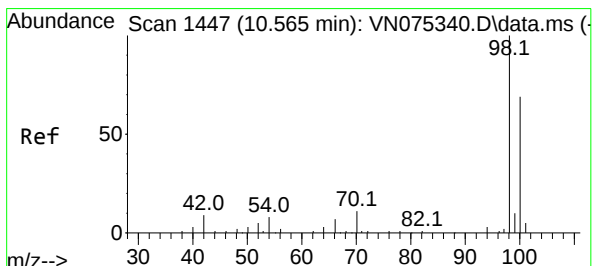
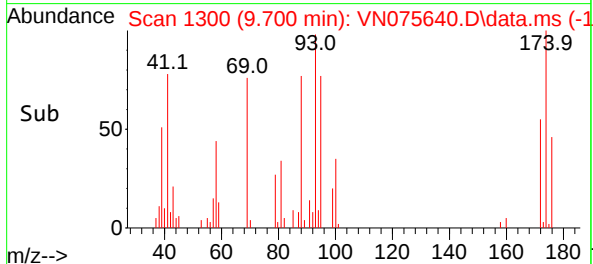
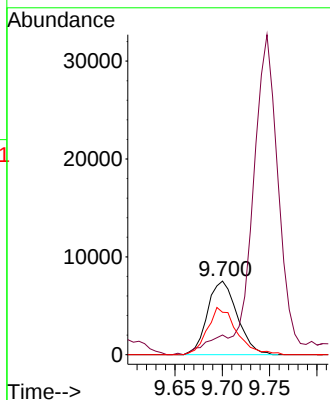
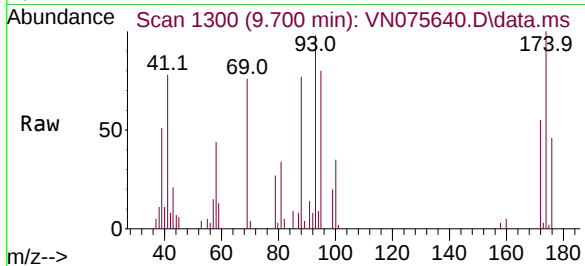




#49
1,4-Dioxane
Concen: 368.586 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

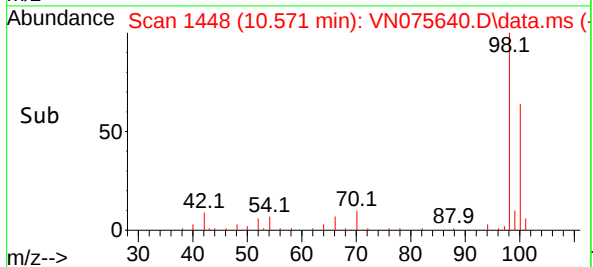
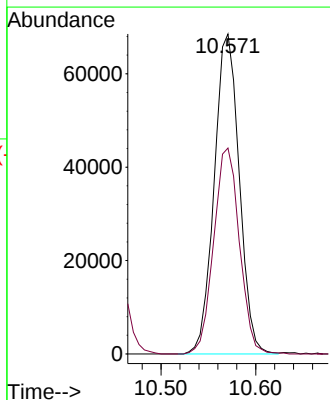
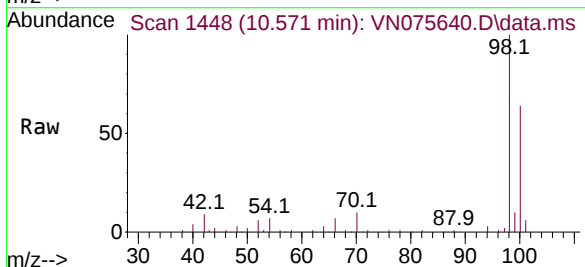
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

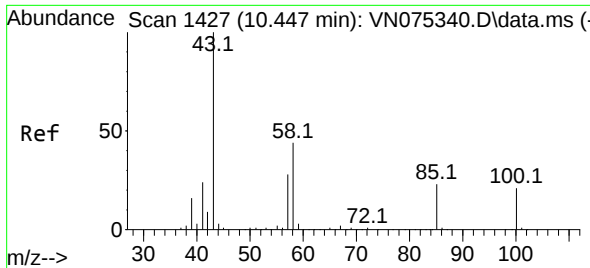
Tgt Ion: 88 Resp: 16420
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 63.2 49.8 74.8



#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 98 Resp: 126021
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6

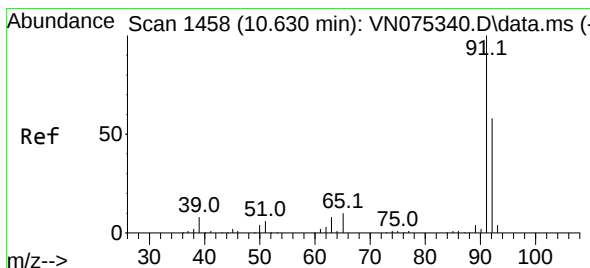
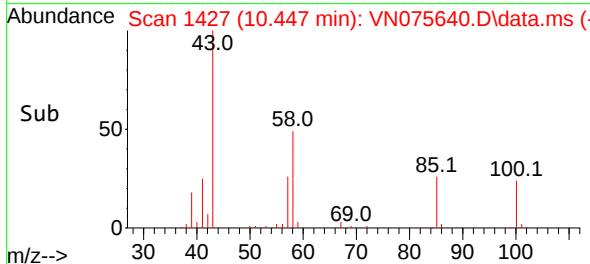
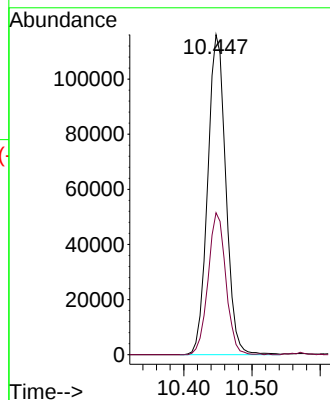
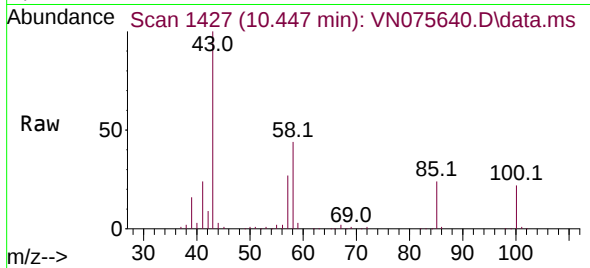




#51
4-Methyl-2-Pentanone
Concen: 99.441 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

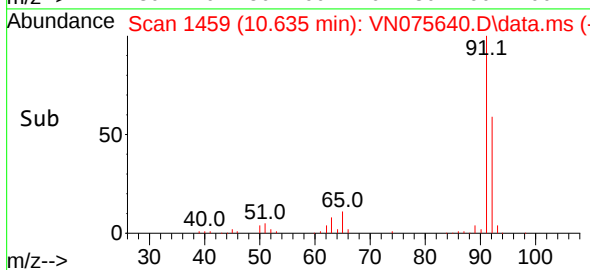
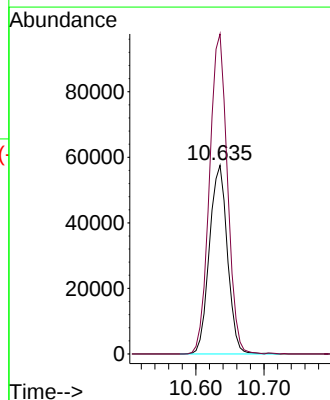
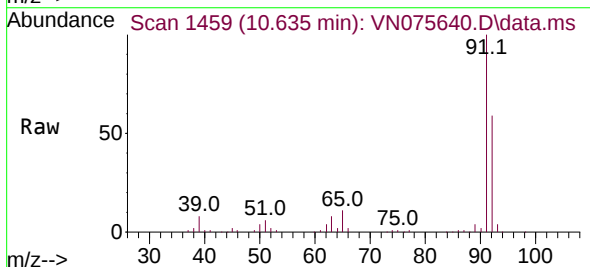
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

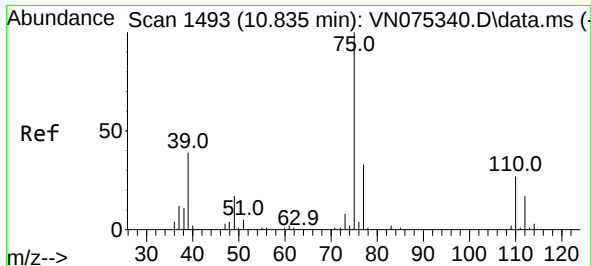
Tgt Ion: 43 Resp: 214893
Ion Ratio Lower Upper
43 100
58 43.5 33.6 50.4



#52
Toluene
Concen: 22.851 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 92 Resp: 105840
Ion Ratio Lower Upper
92 100
91 169.1 135.4 203.2

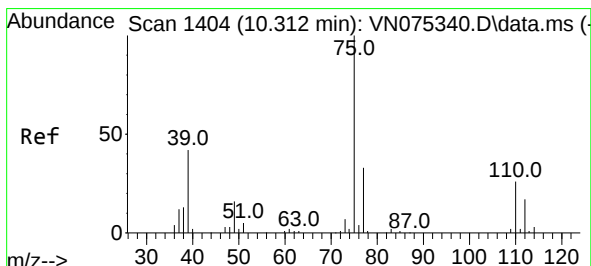
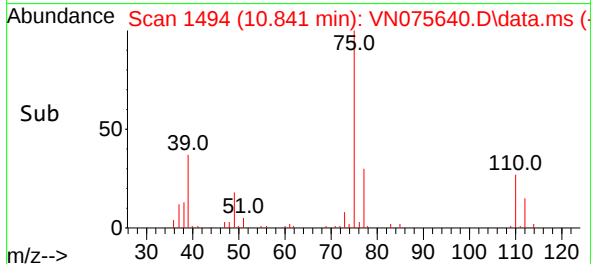
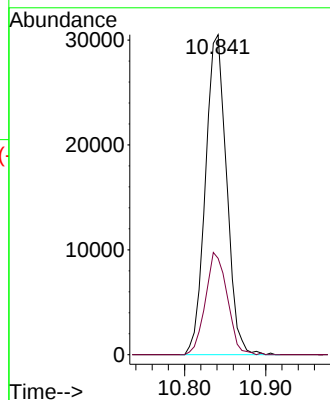
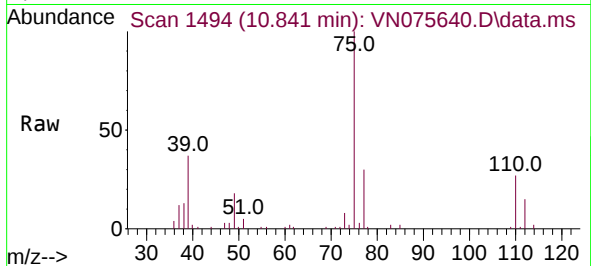




#53
 t-1,3-Dichloropropene
 Concen: 21.894 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

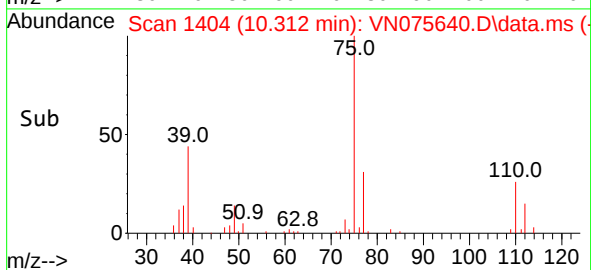
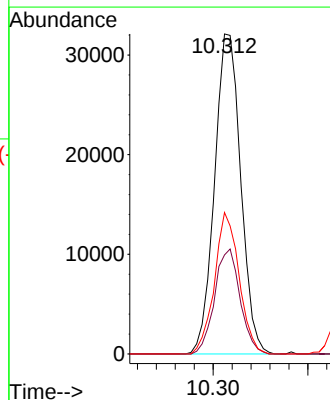
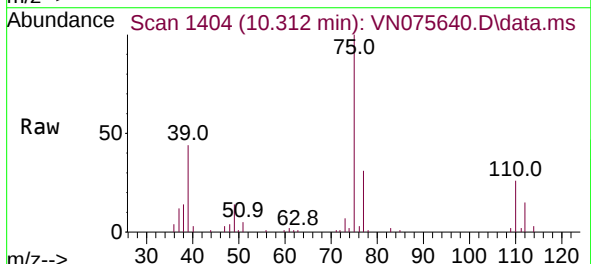
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

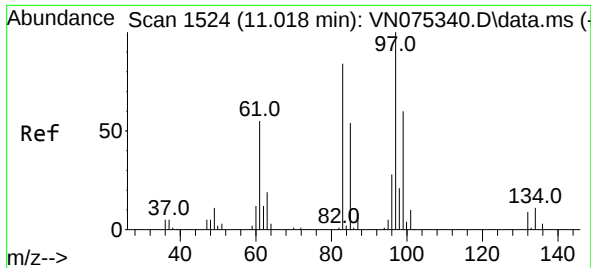
Tgt Ion: 75 Resp: 55144
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.516 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion: 75 Resp: 61595
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.7 35.5
 39 44.2 35.8 53.6

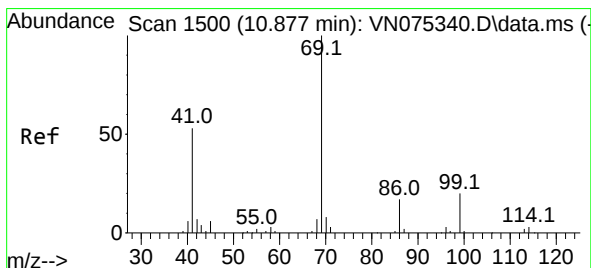
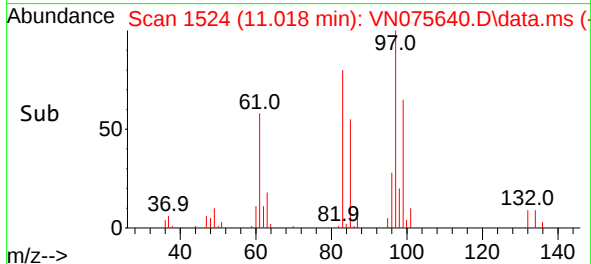
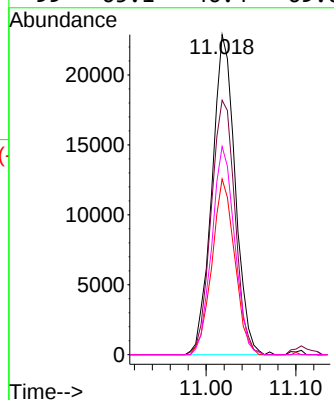
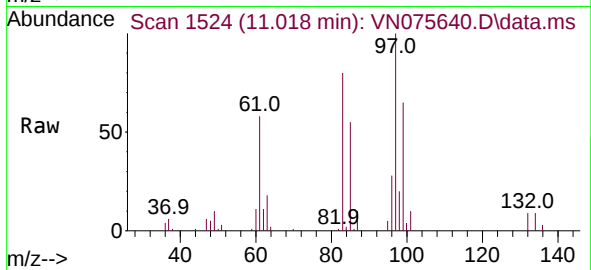




#55
1,1,2-Trichloroethane
Concen: 21.807 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

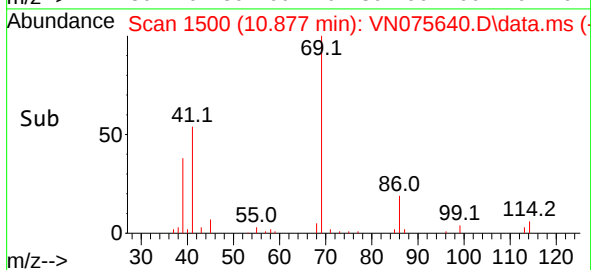
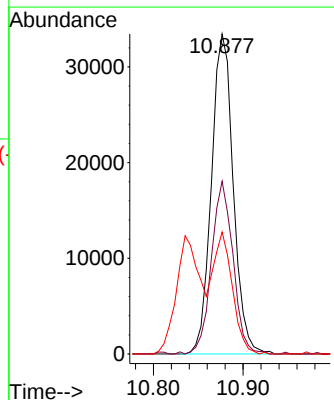
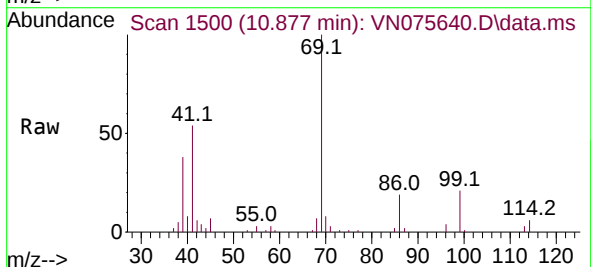
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

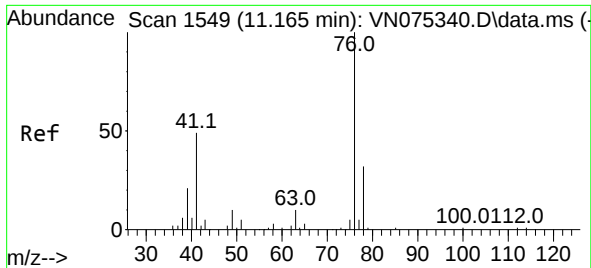
Tgt Ion: 97	Resp: 41138
Ion Ratio	Lower Upper
97 100	
83 79.5	65.9 98.9
85 54.9	40.4 60.6
99 65.1	46.4 69.6



#56
Ethyl methacrylate
Concen: 22.182 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 69	Resp: 56512
Ion Ratio	Lower Upper
69 100	
41 53.4	45.6 68.4
39 34.2	28.5 42.7





#57

1,3-Dichloropropane

Concen: 22.027 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

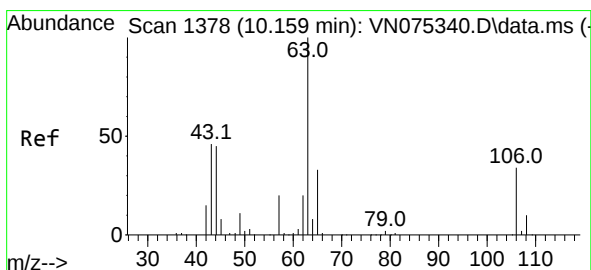
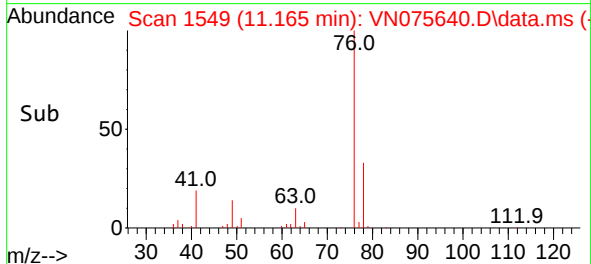
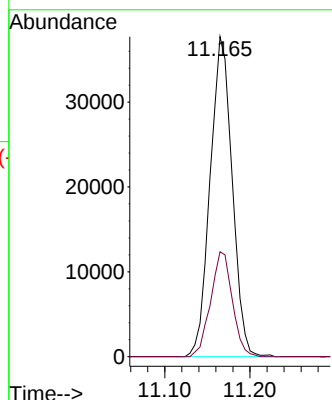
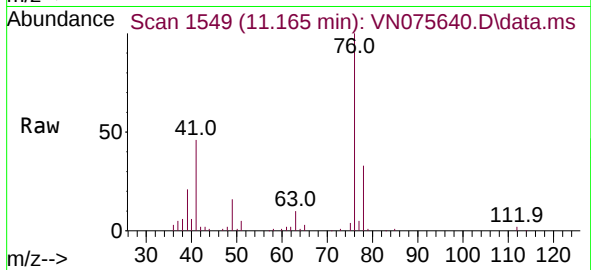
VN1208WBS01

Tgt Ion: 76 Resp: 67755

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.831 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075640.D

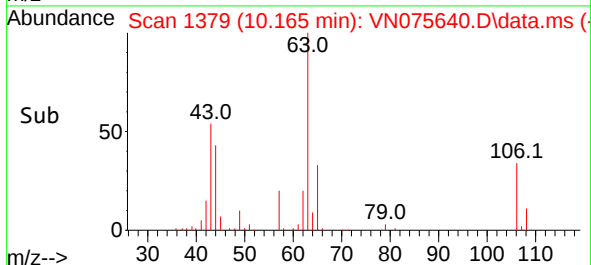
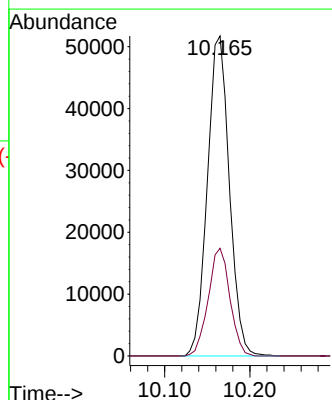
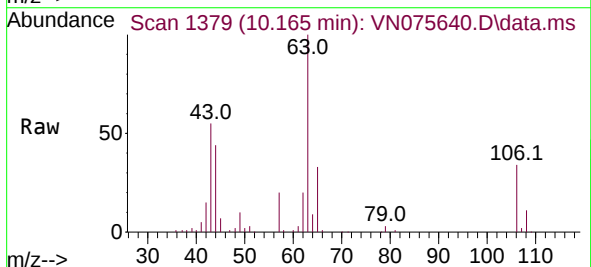
Acq: 08 Dec 2022 11:17

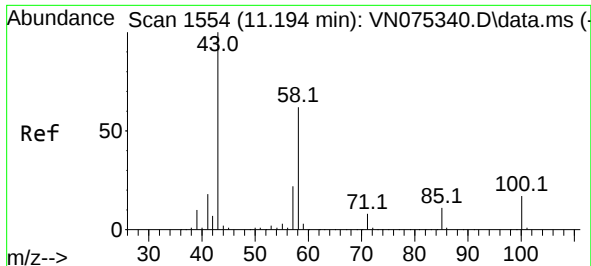
Tgt Ion: 63 Resp: 92644

Ion Ratio Lower Upper

63 100

106 33.2 24.8 37.2





#59

2-Hexanone

Concen: 99.089 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

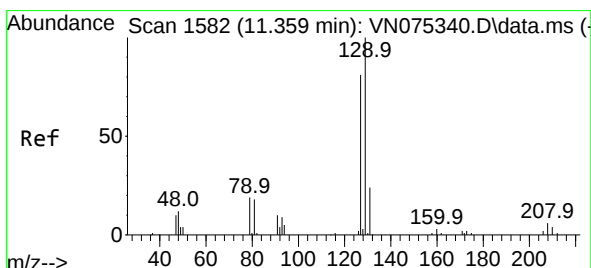
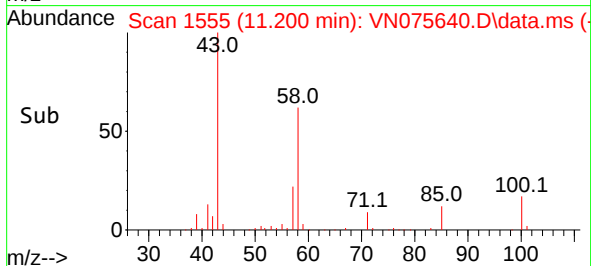
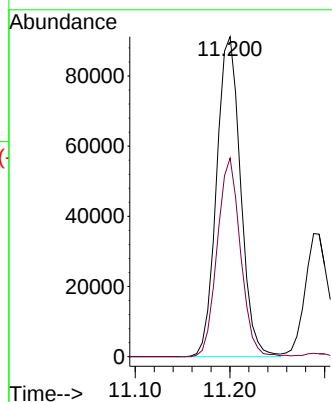
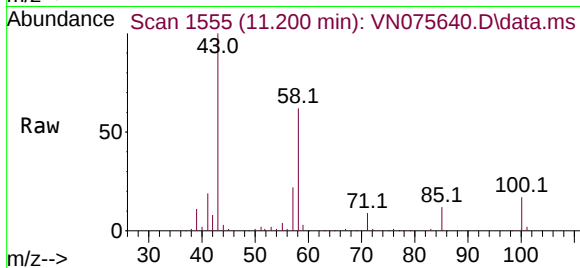
VN1208WBS01

Tgt Ion: 43 Resp: 160793

Ion Ratio Lower Upper

43 100

58 60.0 29.6 88.8



#60

Dibromochloromethane

Concen: 24.079 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VN075640.D

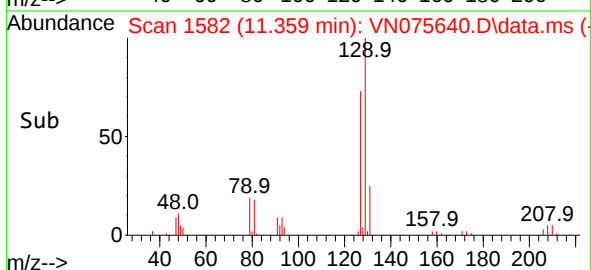
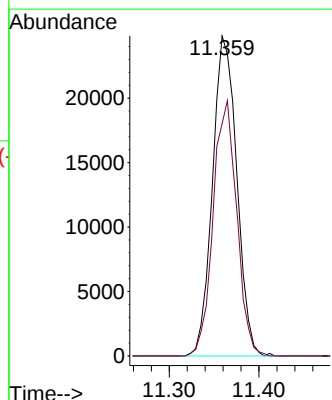
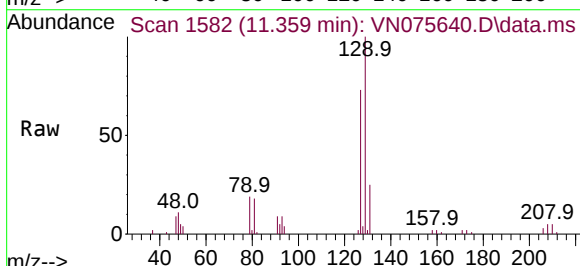
Acq: 08 Dec 2022 11:17

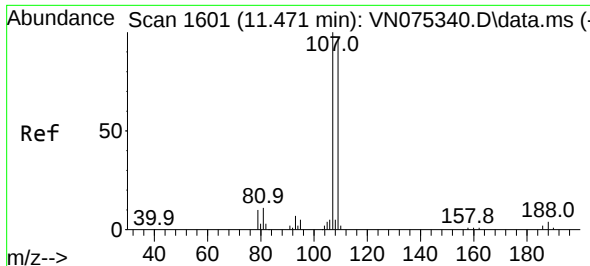
Tgt Ion: 129 Resp: 46626

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.8

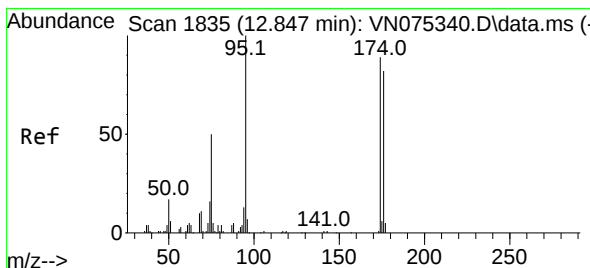
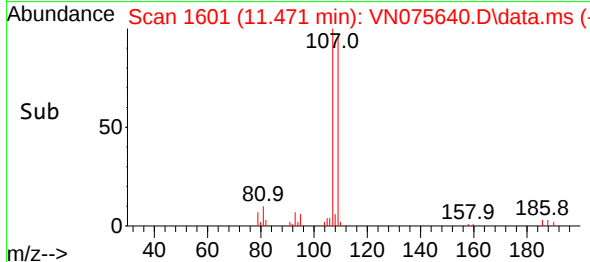
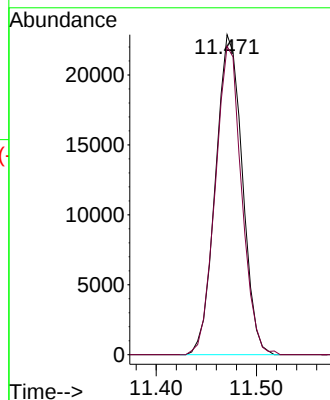
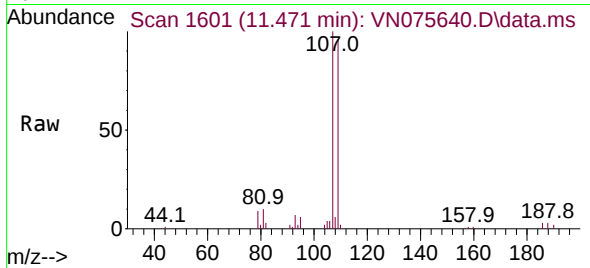




#61
1,2-Dibromoethane
Concen: 21.672 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

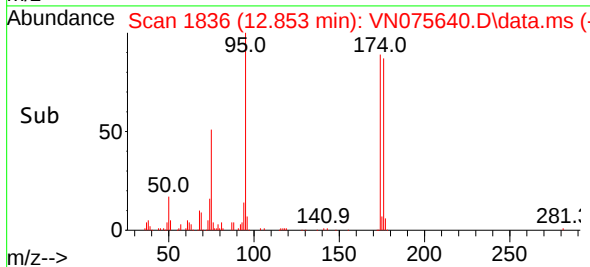
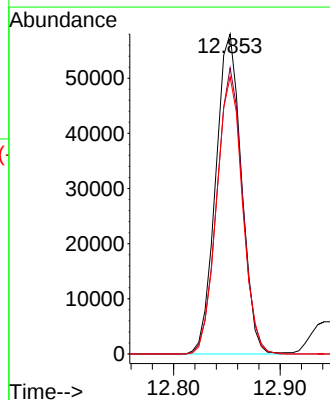
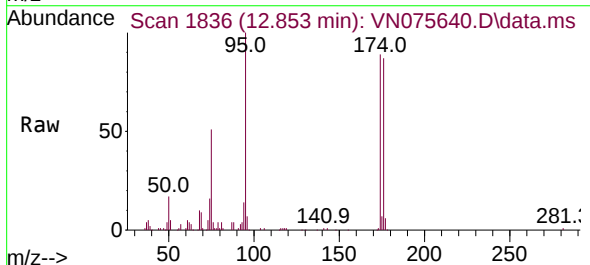
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

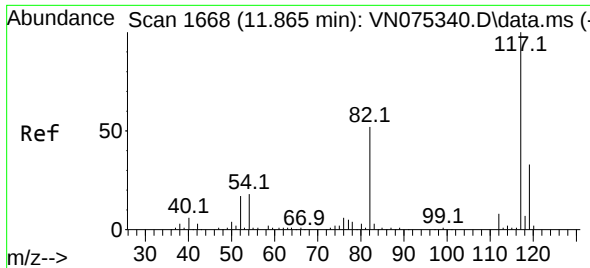
Tgt Ion:107 Resp: 42433
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.397 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 95 Resp: 97347
Ion Ratio Lower Upper
95 100
174 88.8 0.0 147.4
176 86.9 0.0 142.2

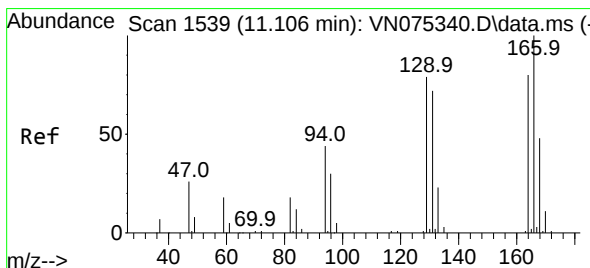
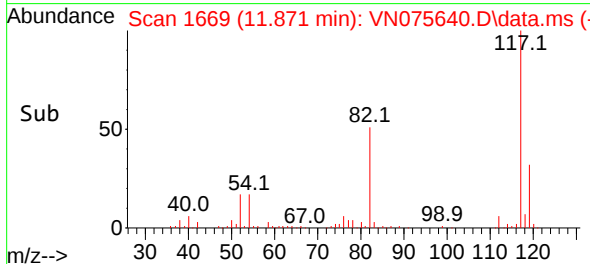
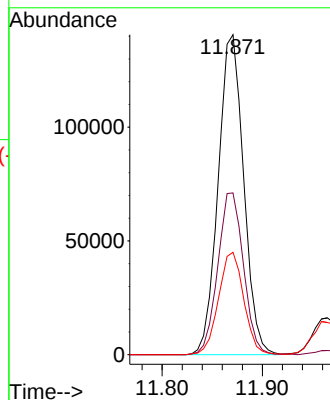
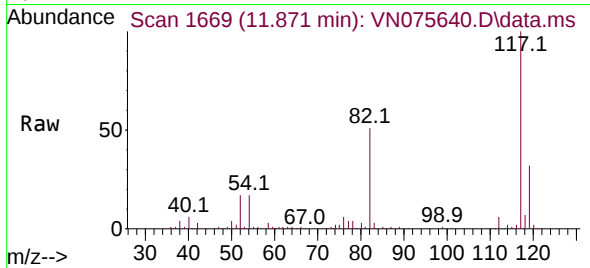




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

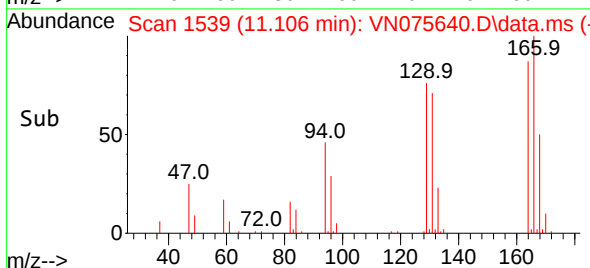
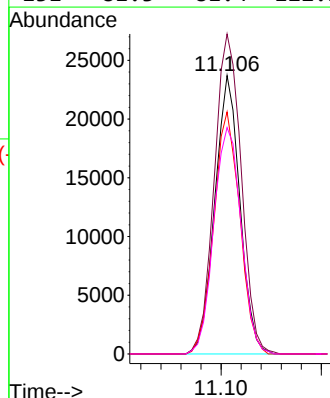
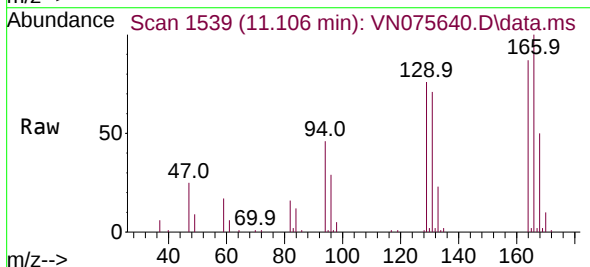
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

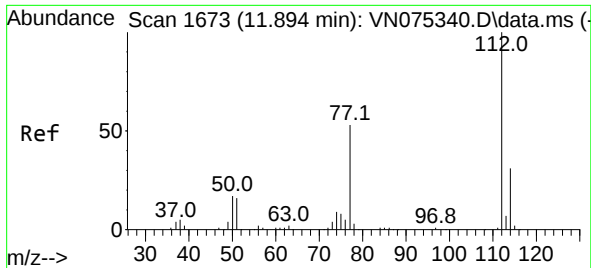
Tgt Ion:117 Resp: 248115
Ion Ratio Lower Upper
117 100
82 50.5 43.1 64.7
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 21.685 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:164 Resp: 41088
Ion Ratio Lower Upper
164 100
166 115.0 106.5 159.7
129 86.9 81.9 122.9
131 81.3 81.4 122.2#

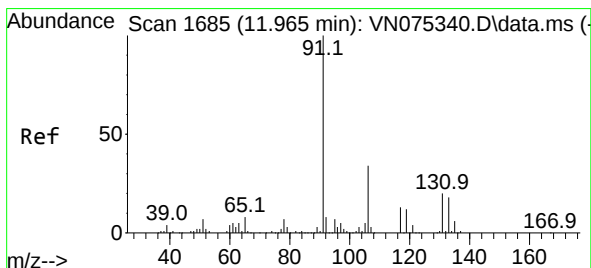
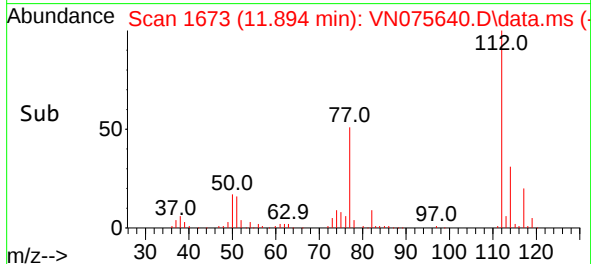
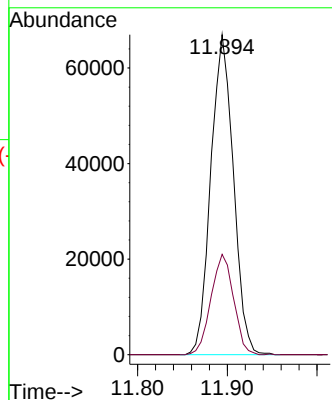
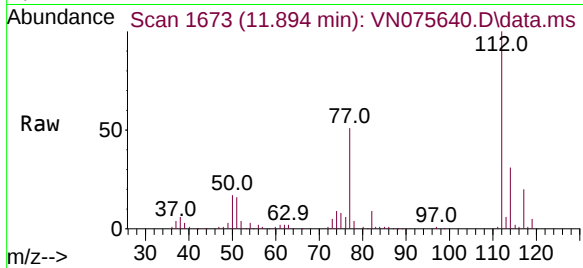




#65
Chlorobenzene
Concen: 22.856 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

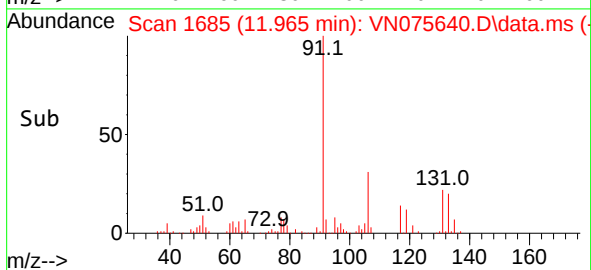
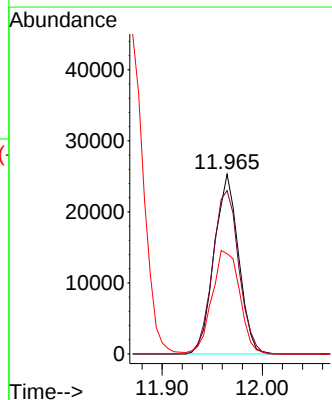
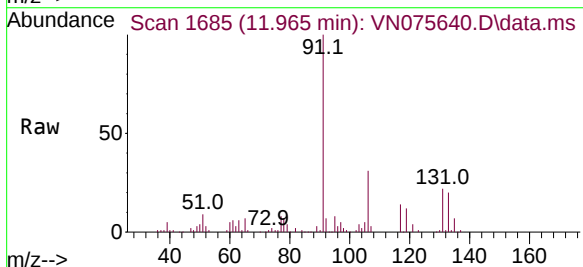
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

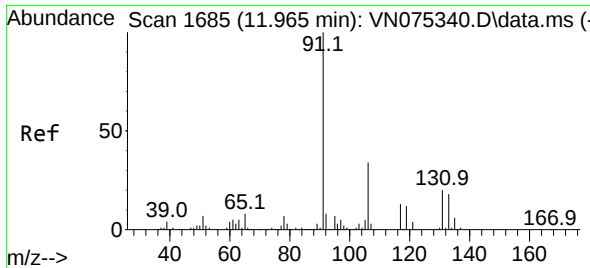
Tgt Ion:112 Resp: 117116
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.387 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:131 Resp: 42812
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.4
119 65.3 33.0 99.0

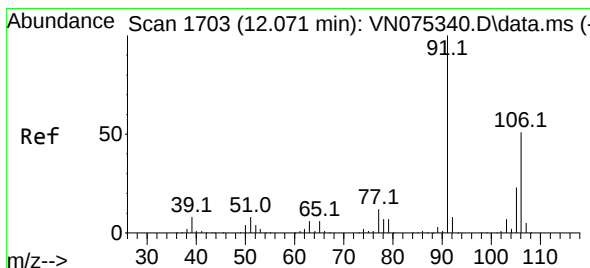
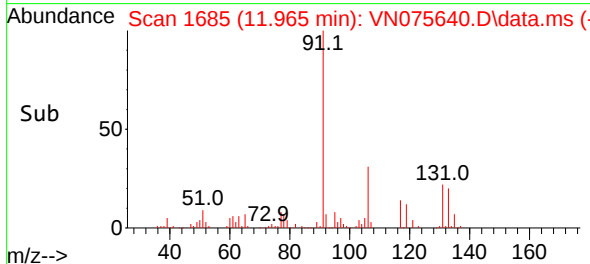
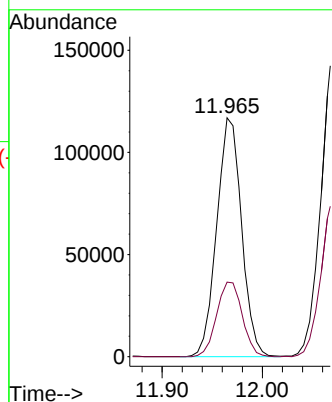
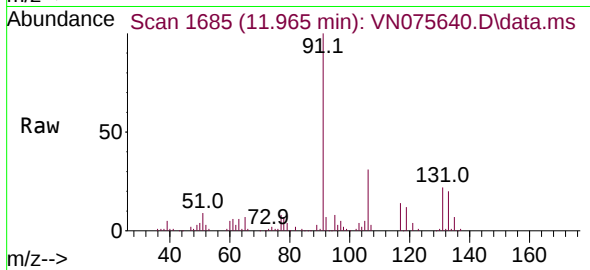




#67
Ethyl Benzene
Concen: 23.017 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

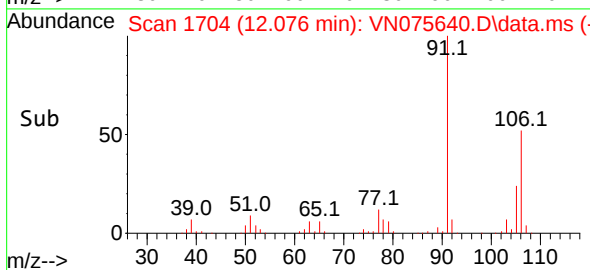
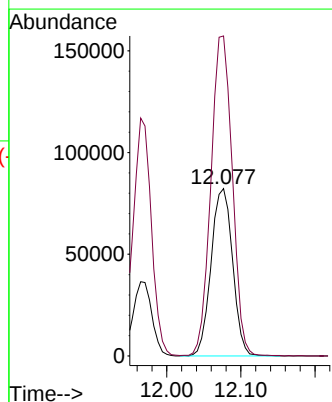
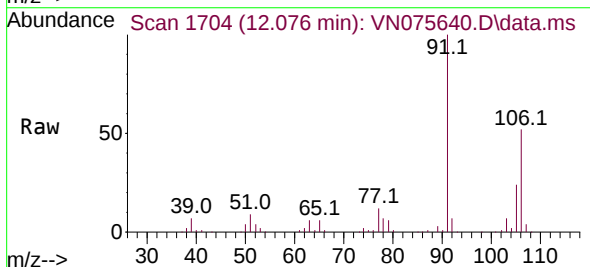
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

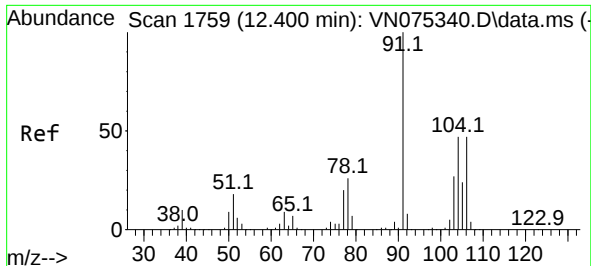
Tgt Ion: 91 Resp: 201209
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 46.681 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:106 Resp: 165715
Ion Ratio Lower Upper
106 100
91 190.7 156.0 234.0

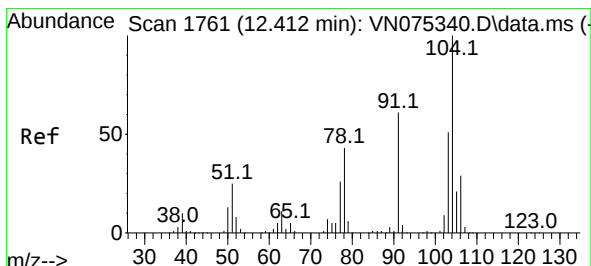
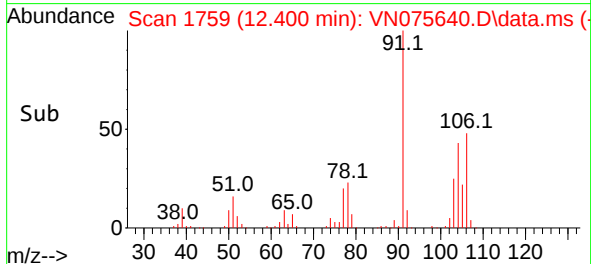
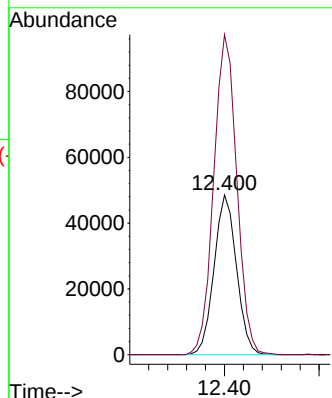
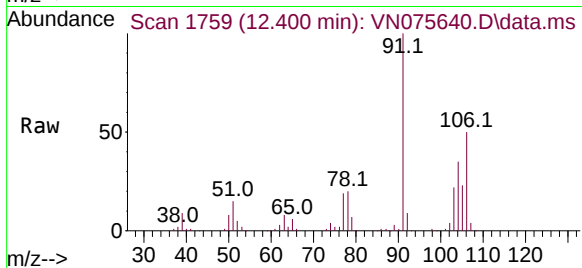




#69
o-Xylene
Concen: 22.604 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

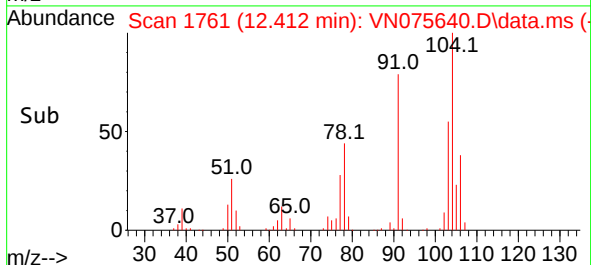
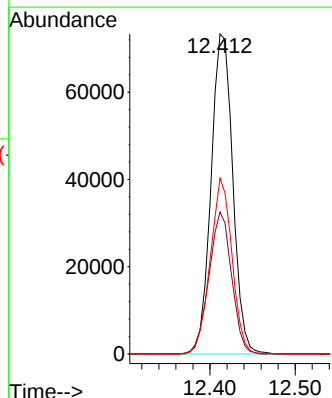
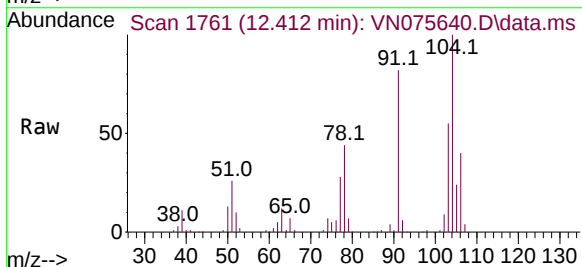
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

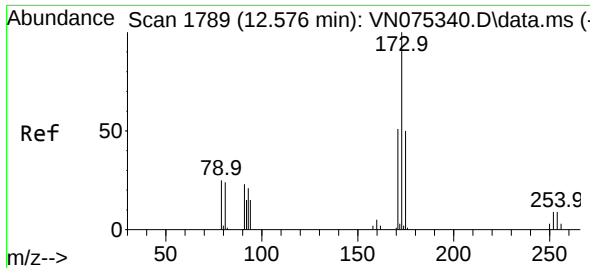
Tgt Ion:106 Resp: 79727
Ion Ratio Lower Upper
106 100
91 206.2 105.2 315.5



#70
Styrene
Concen: 23.344 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:104 Resp: 129887
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 55.1 44.6 66.8

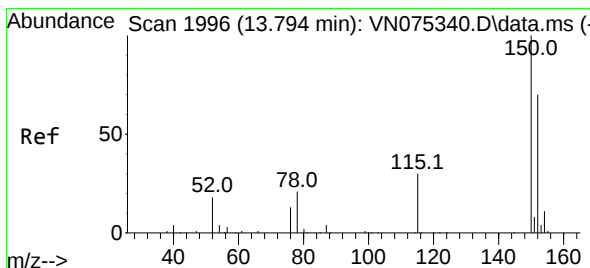
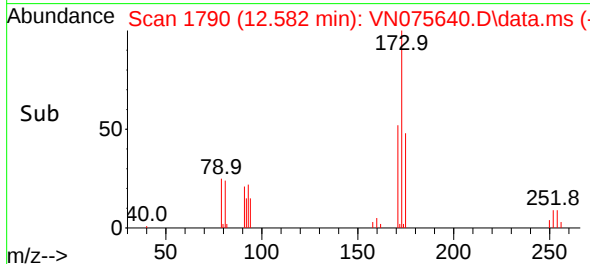
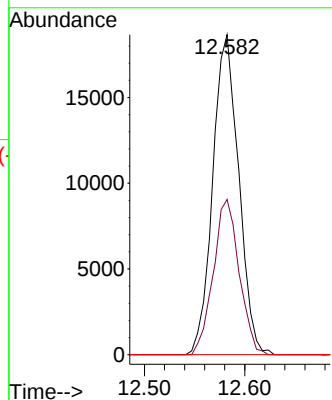
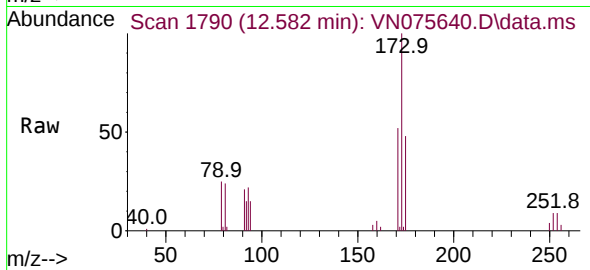




#71
Bromoform
Concen: 23.020 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

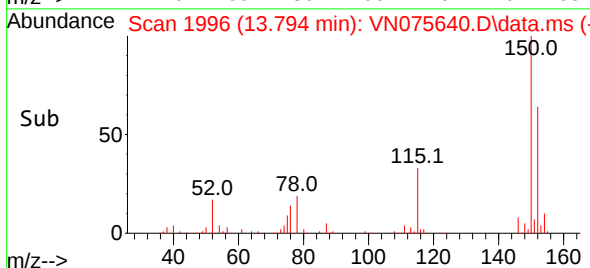
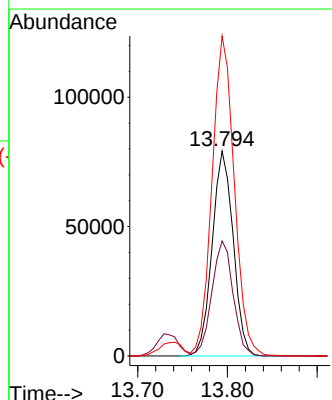
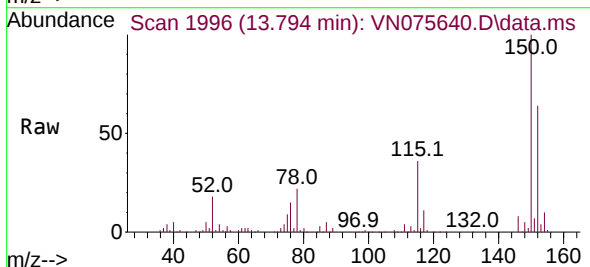
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

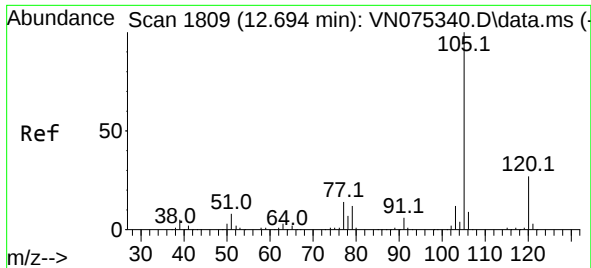
Tgt Ion:173 Resp: 33505
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:152 Resp: 128675
Ion Ratio Lower Upper
152 100
115 56.8 30.2 90.6
150 165.4 0.0 348.4

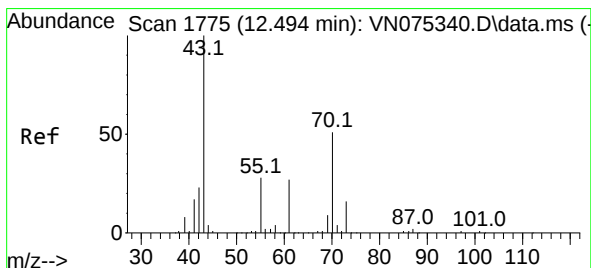
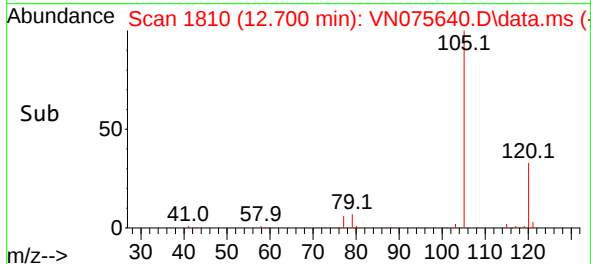
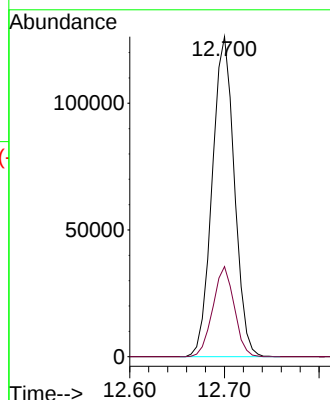
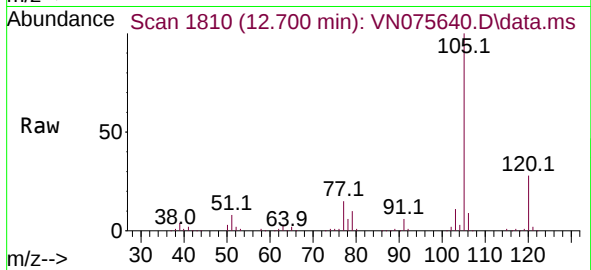




#73
Isopropylbenzene
Concen: 21.827 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

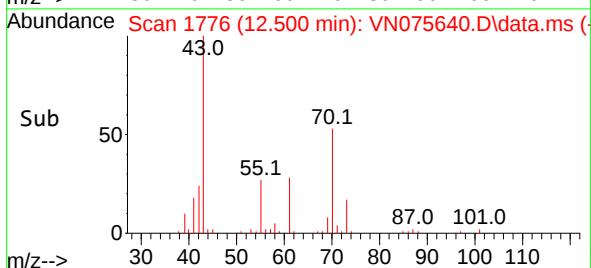
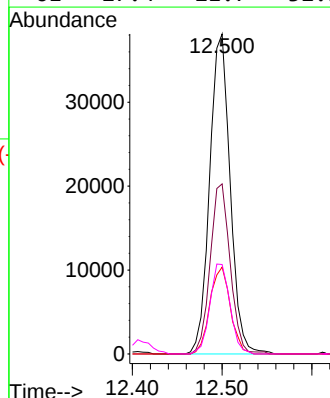
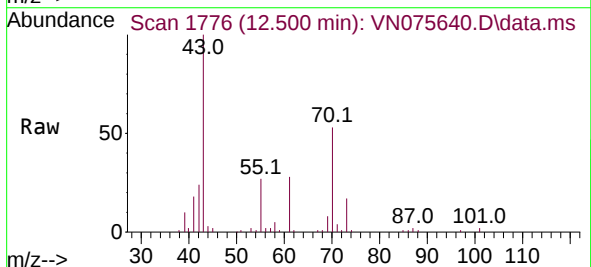
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

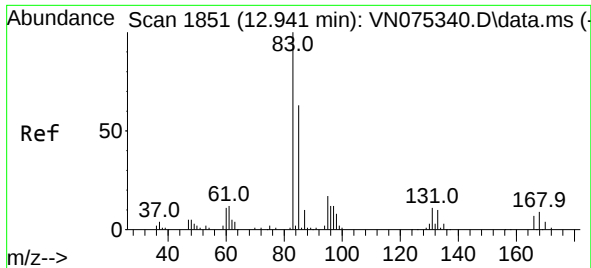
Tgt Ion:105 Resp: 205197
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1



#74
N-ethyl acetate
Concen: 20.926 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 43 Resp: 60479
Ion Ratio Lower Upper
43 100
70 51.9 39.8 59.8
55 27.1 19.9 29.9
61 27.4 21.7 32.5

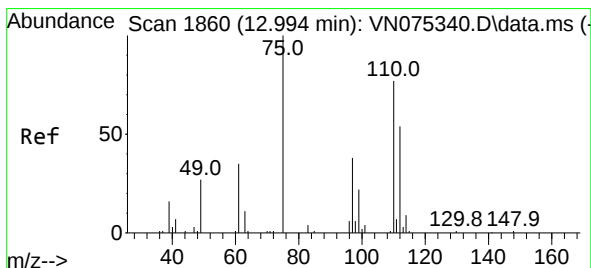
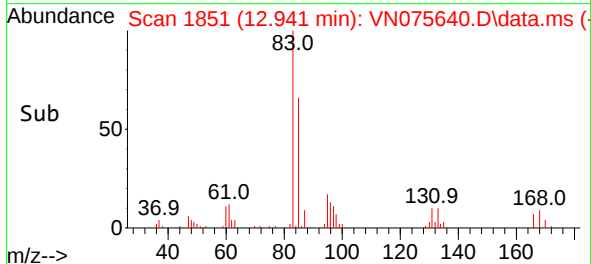
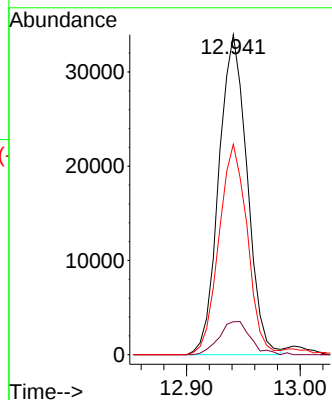
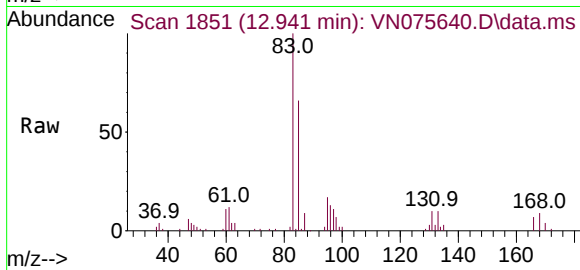




#75
1,1,2,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

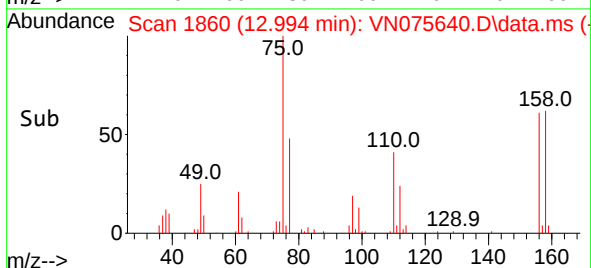
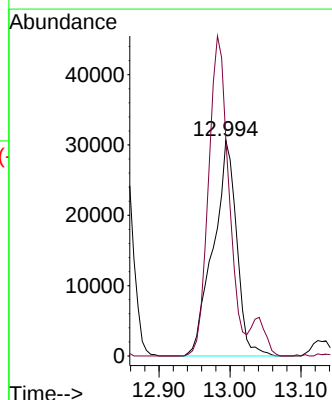
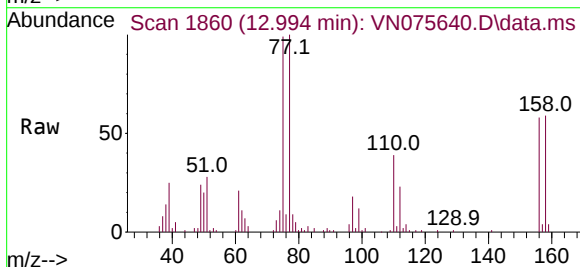
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

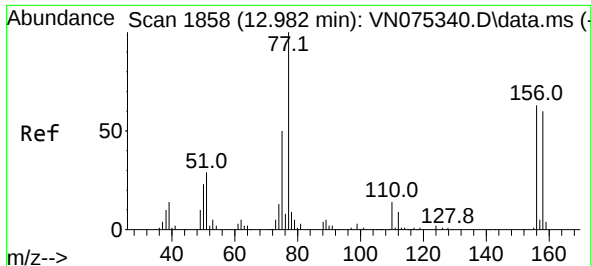
Tgt Ion: 83 Resp: 58770
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 65.9 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 28.772 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 75 Resp: 70000
Ion Ratio Lower Upper
75 100
77 128.8 75.6 226.8

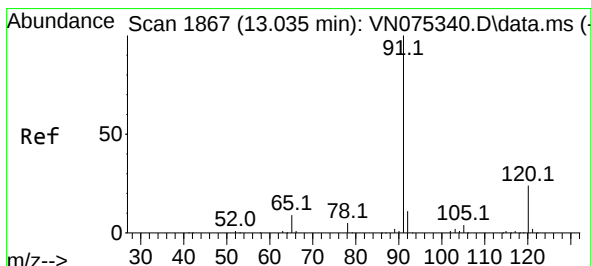
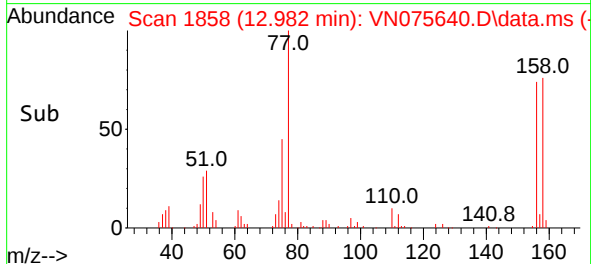
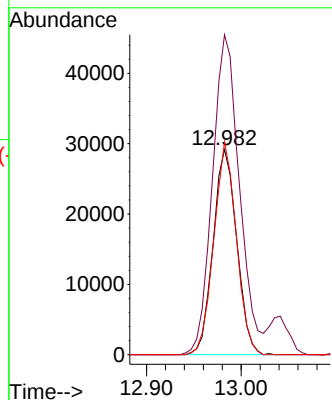
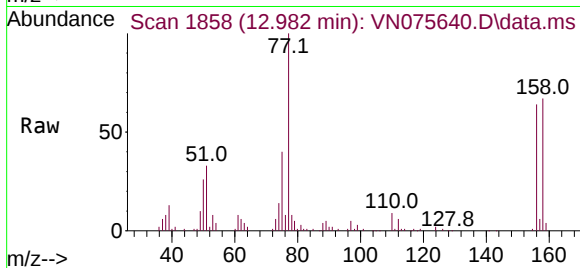




#77
Bromobenzene
Concen: 21.738 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

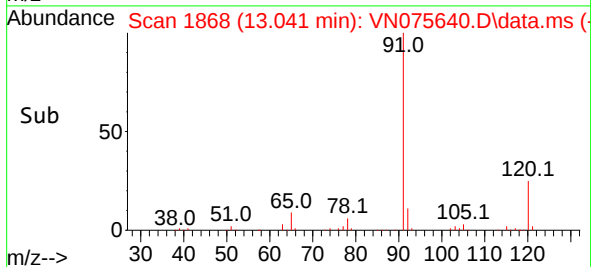
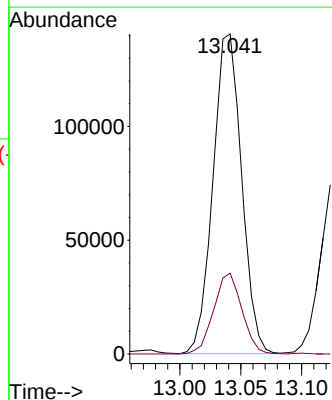
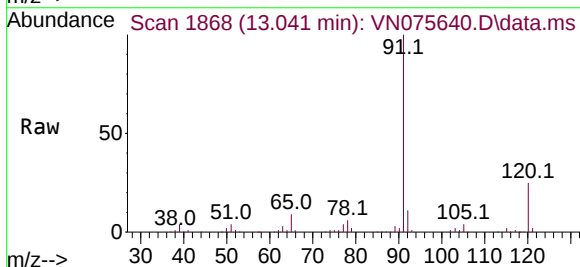
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

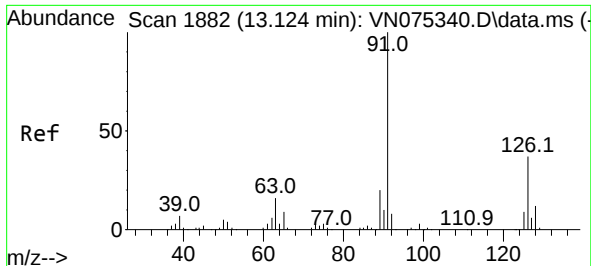
Tgt Ion:156 Resp: 50452
Ion Ratio Lower Upper
156 100
77 178.7 108.5 325.5
158 99.0 47.7 143.1



#78
n-propylbenzene
Concen: 21.892 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 91 Resp: 229685
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5

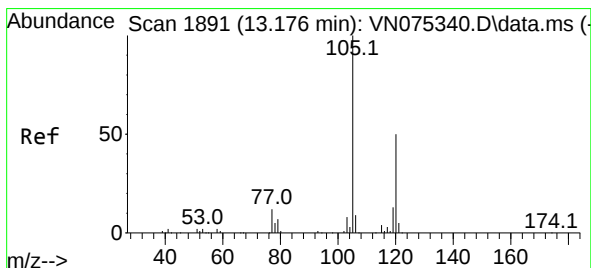
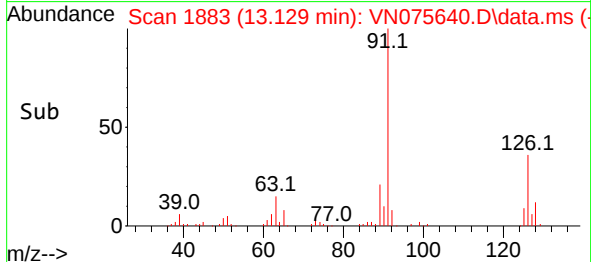
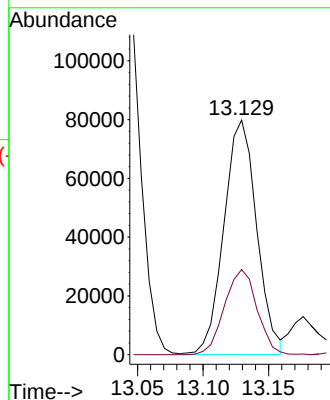
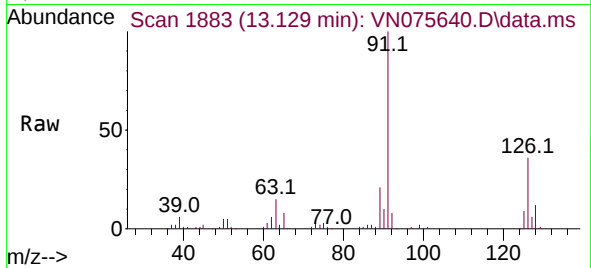




#79
2-Chlorotoluene
Concen: 21.903 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

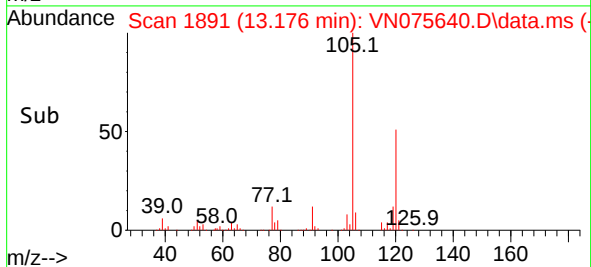
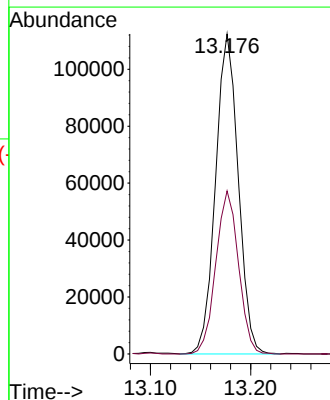
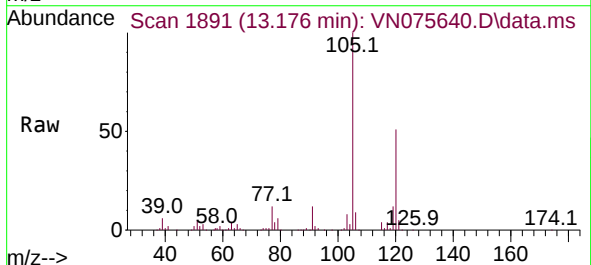
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

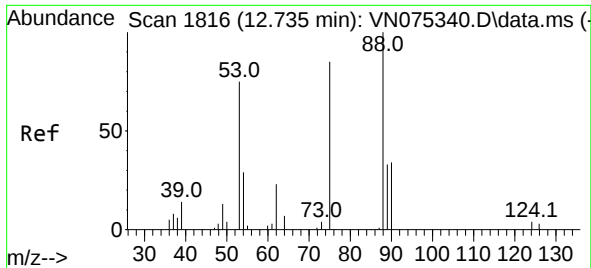
Tgt Ion: 91 Resp: 138454
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 22.569 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 105 Resp: 176273
Ion Ratio Lower Upper
105 100
120 50.9 24.7 74.1

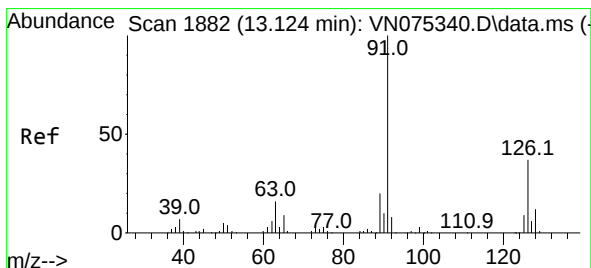
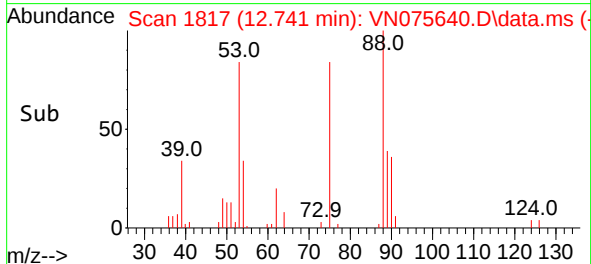
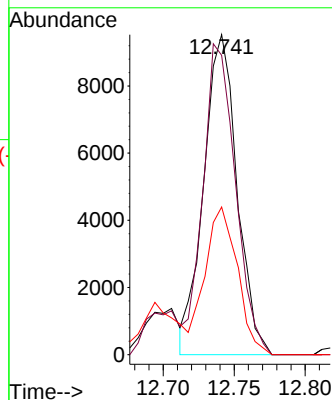
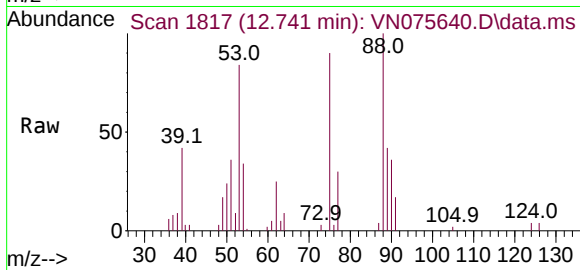




#81
trans-1,4-Dichloro-2-butene
Concen: 18.939 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

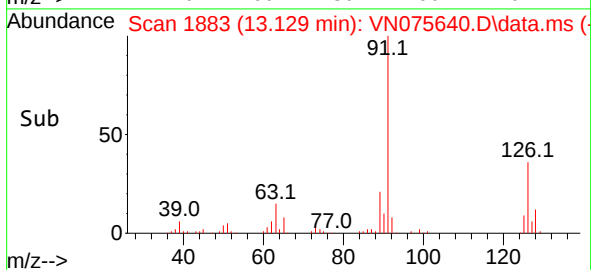
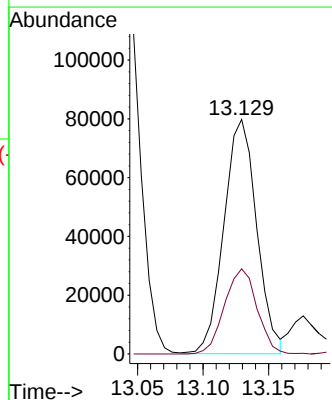
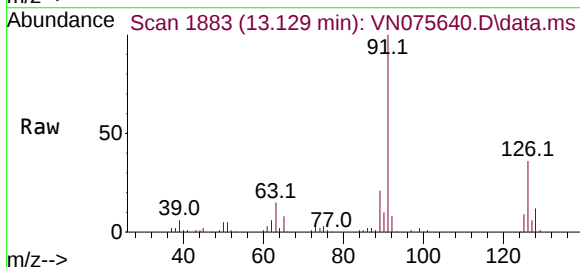
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

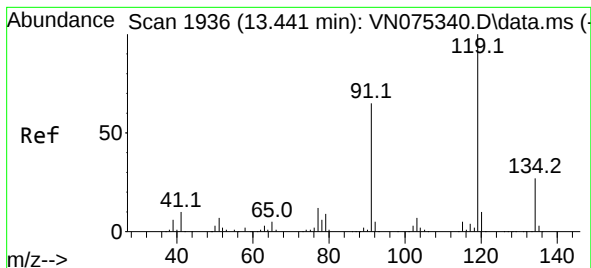
Tgt Ion: 75 Resp: 15573
Ion Ratio Lower Upper
75 100
53 95.1 78.5 117.7
89 44.8 37.7 56.5



#82
4-Chlorotoluene
Concen: 21.903 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion: 91 Resp: 138454
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7





#83

tert-Butylbenzene

Concen: 22.835 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

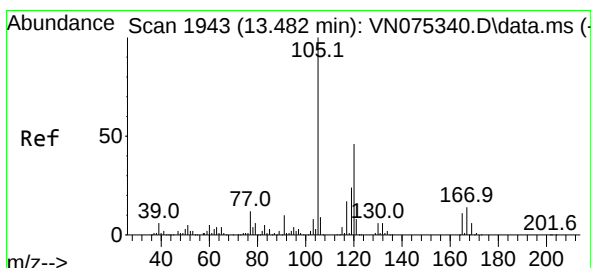
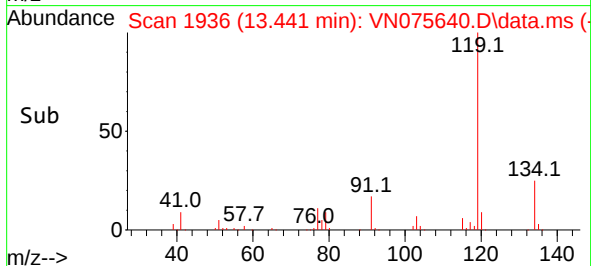
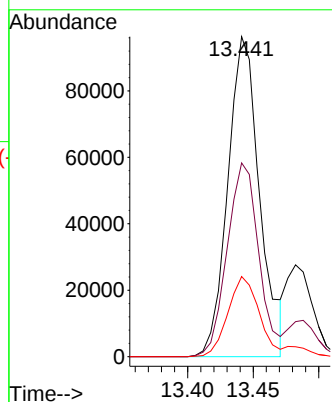
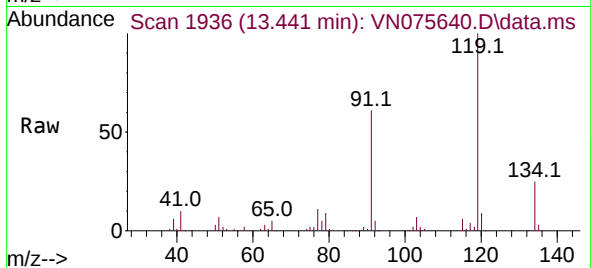
Tgt Ion:119 Resp: 162615

Ion Ratio Lower Upper

119 100

91 60.3 32.8 98.4

134 24.5 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 22.819 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075640.D

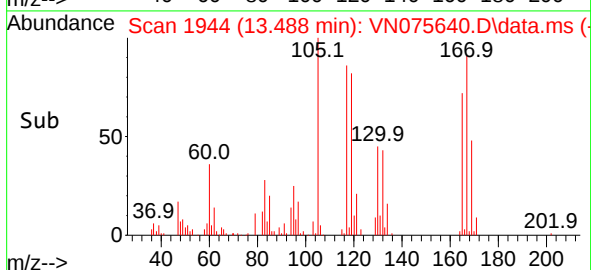
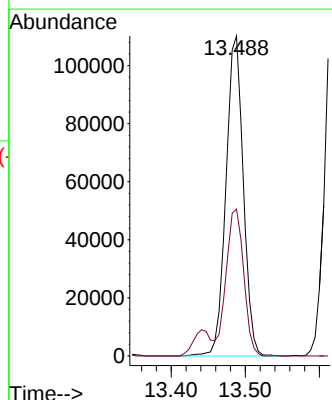
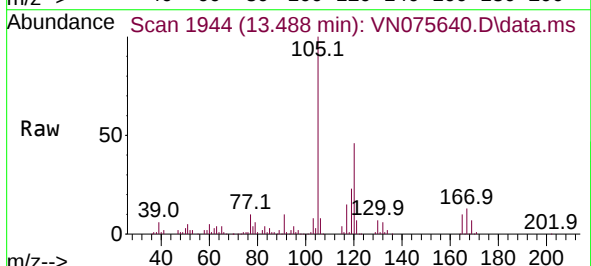
Acq: 08 Dec 2022 11:17

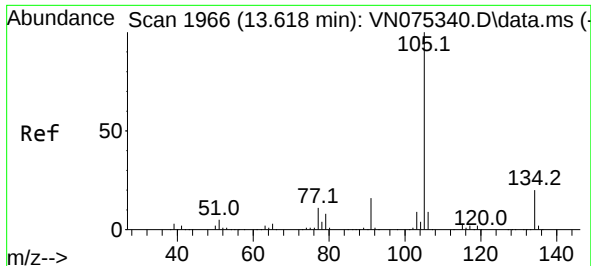
Tgt Ion:105 Resp: 178770

Ion Ratio Lower Upper

105 100

120 46.5 22.7 68.1

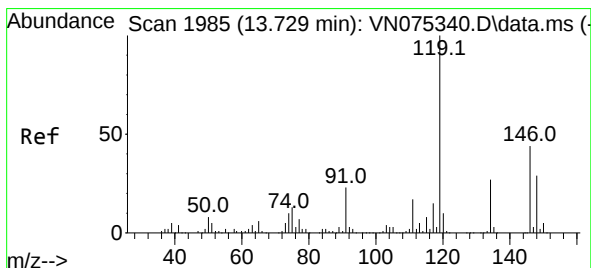
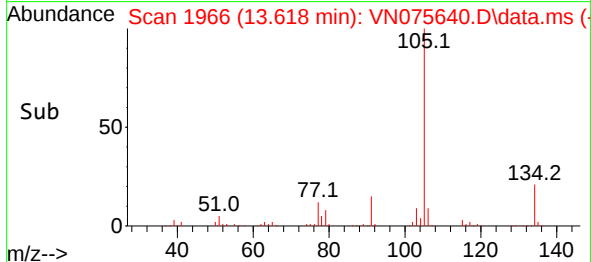
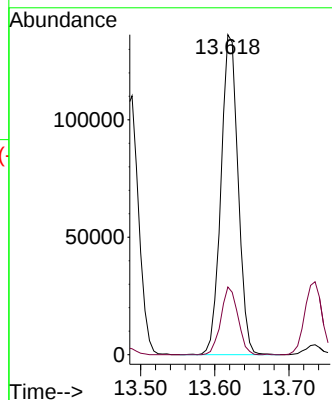
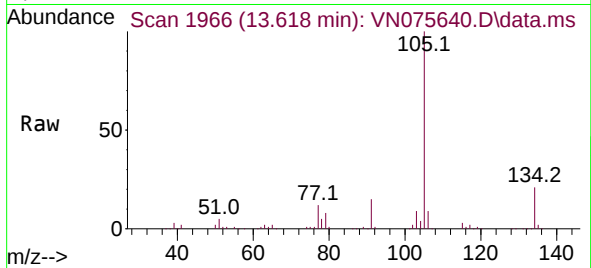




#85
 sec-Butylbenzene
 Concen: 22.634 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

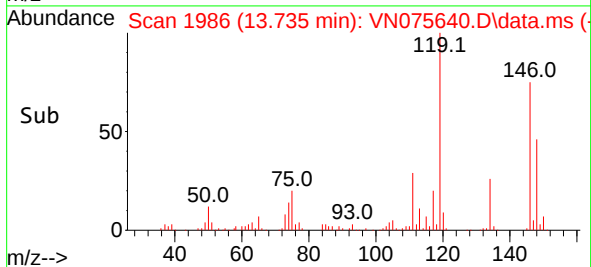
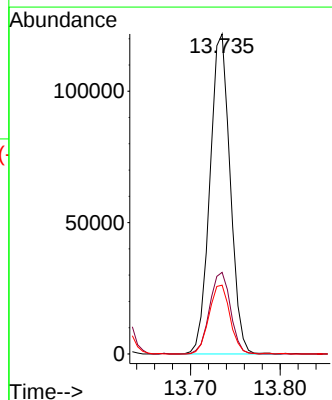
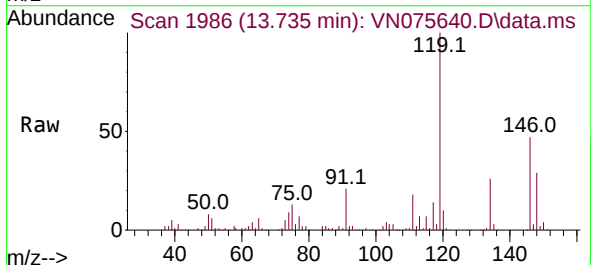
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

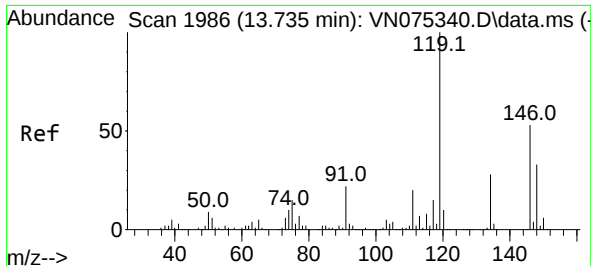
Tgt Ion:105 Resp: 218699
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 23.426 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion:119 Resp: 190442
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.431 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

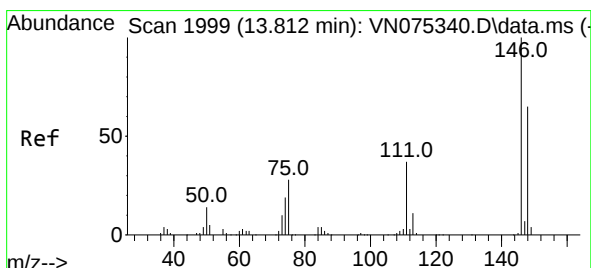
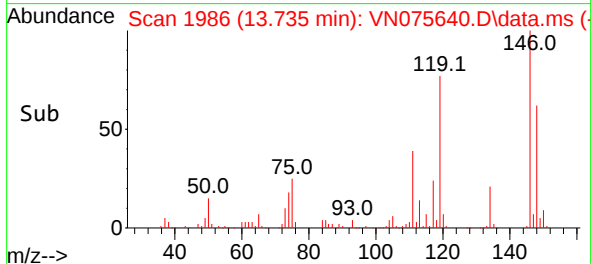
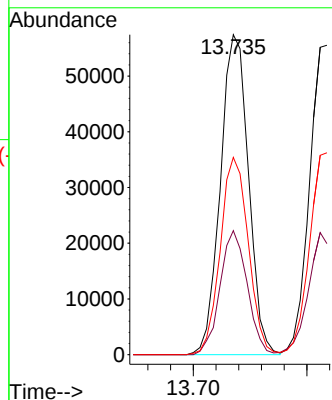
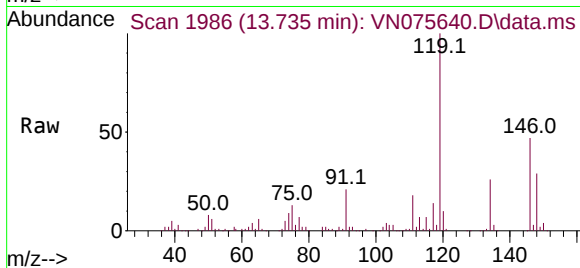
Tgt Ion:146 Resp: 98636

Ion Ratio Lower Upper

146 100

111 37.5 20.8 62.5

148 61.7 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 21.749 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

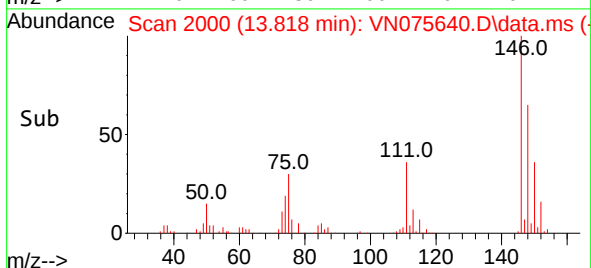
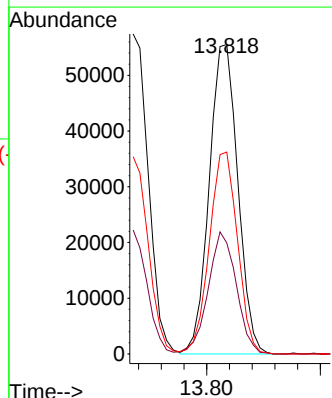
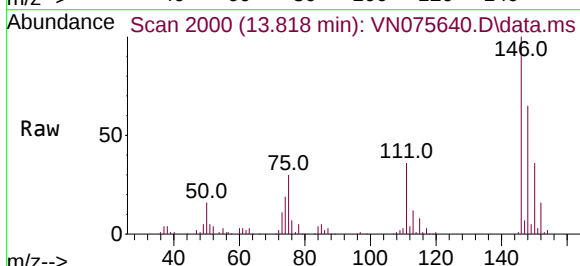
Tgt Ion:146 Resp: 97153

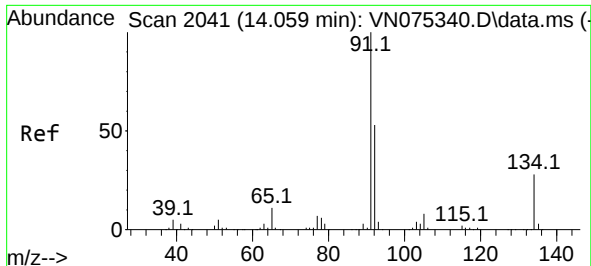
Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.3

148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 22.056 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

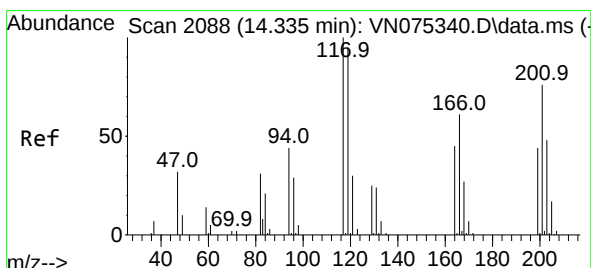
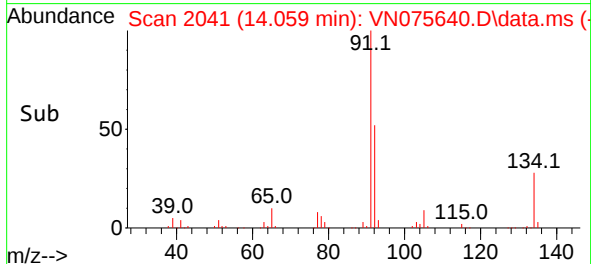
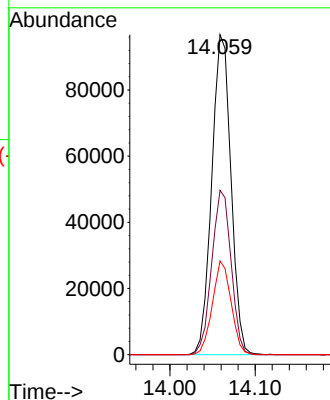
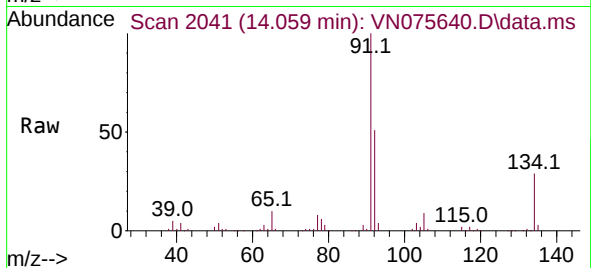
Tgt Ion: 91 Resp: 151439

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.4

134 28.5 13.0 39.0



#90

Hexachloroethane

Concen: 22.341 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075640.D

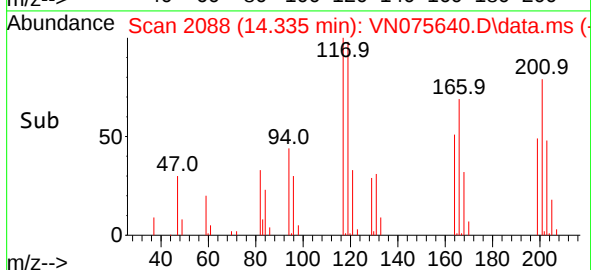
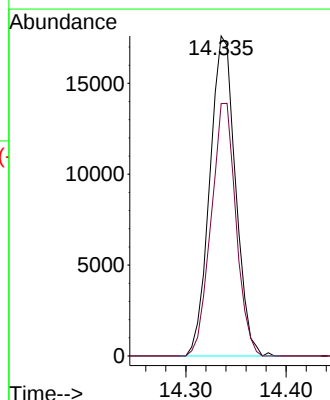
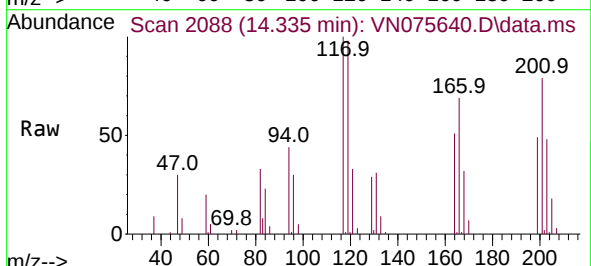
Acq: 08 Dec 2022 11:17

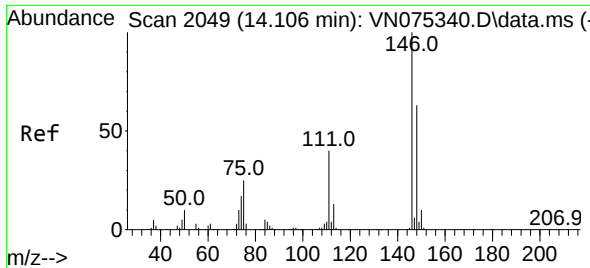
Tgt Ion: 117 Resp: 31333

Ion Ratio Lower Upper

117 100

201 76.3 31.5 94.5

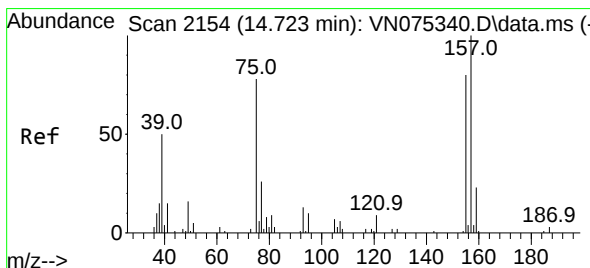
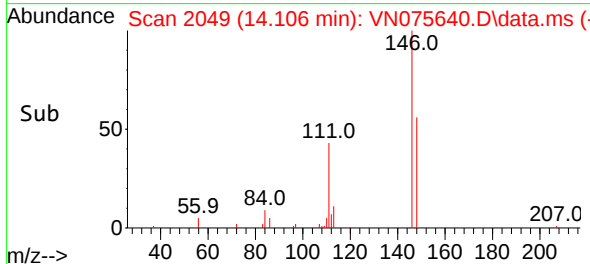
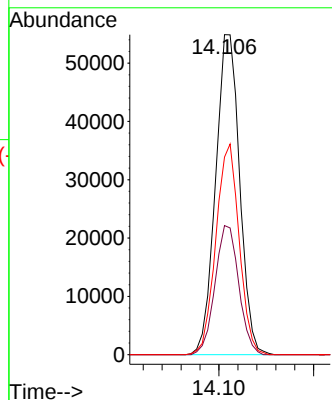
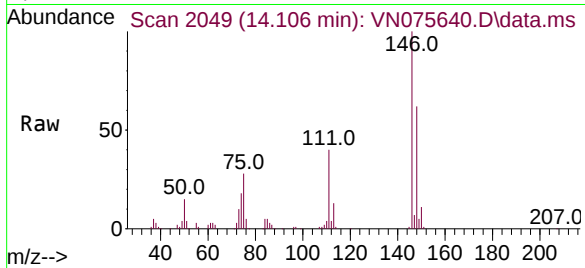




#91
 1,2-Dichlorobenzene
 Concen: 22.623 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

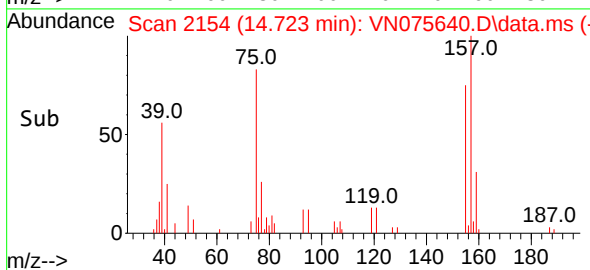
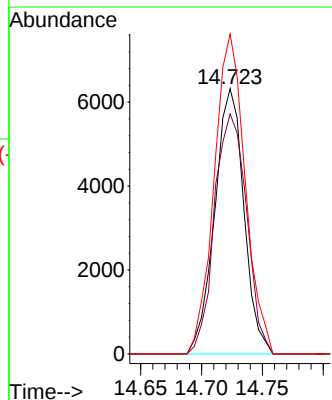
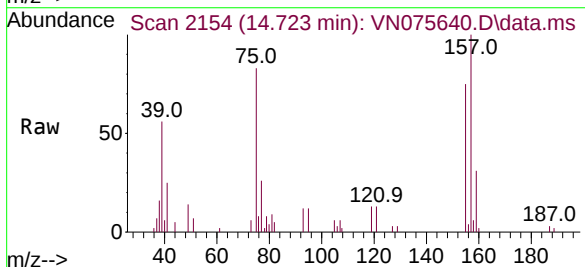
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Tgt Ion:146	Resp:	96969
Ion Ratio	Lower	Upper
146	100	
111	39.8	21.3 63.9
148	63.6	31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.458 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN075640.D
 Acq: 08 Dec 2022 11:17

Tgt Ion: 75	Resp:	10564
Ion Ratio	Lower	Upper
75	100	
155	99.3	42.1 126.3
157	127.9	51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.101 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

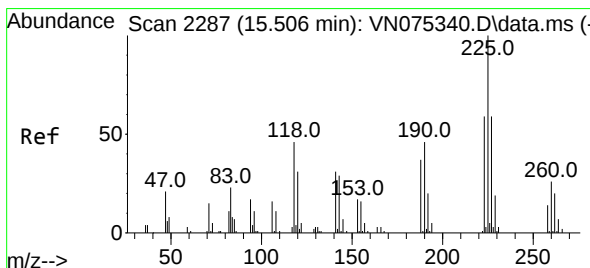
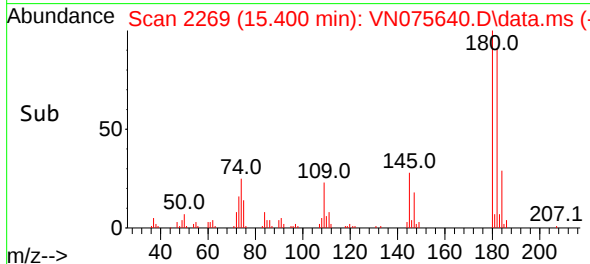
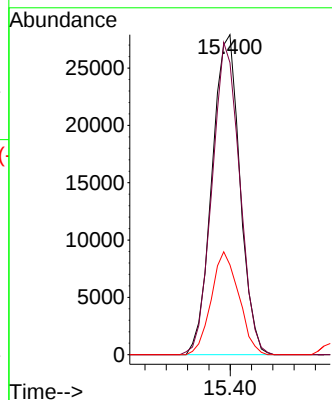
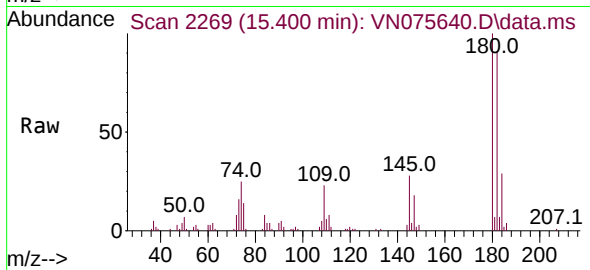
Tgt Ion:180 Resp: 50744

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.4

145 31.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 24.102 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075640.D

Acq: 08 Dec 2022 11:17

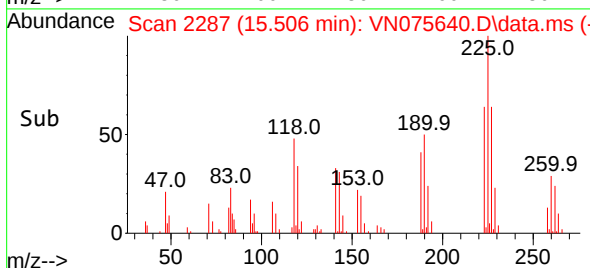
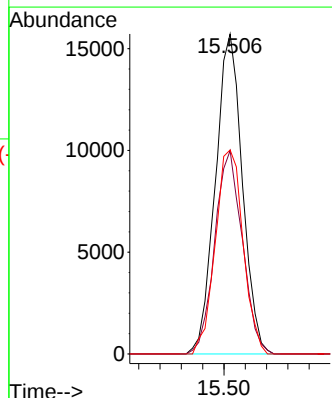
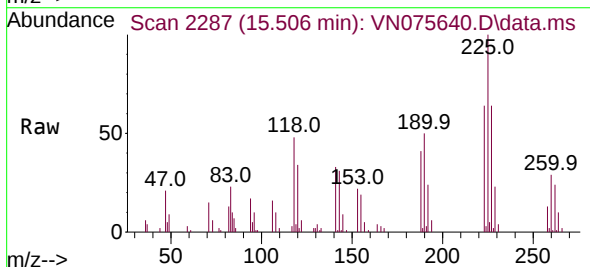
Tgt Ion:225 Resp: 27577

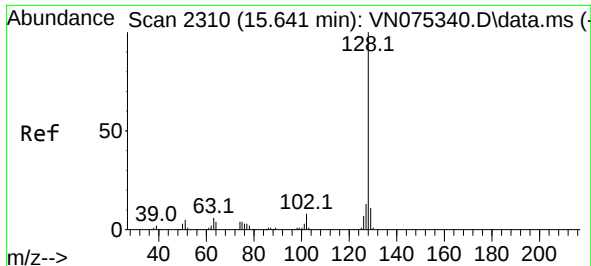
Ion Ratio Lower Upper

225 100

223 64.9 32.3 96.9

227 65.7 32.0 96.2

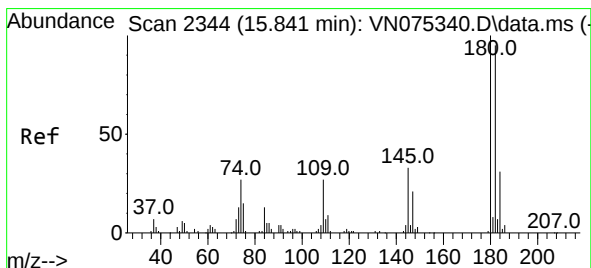
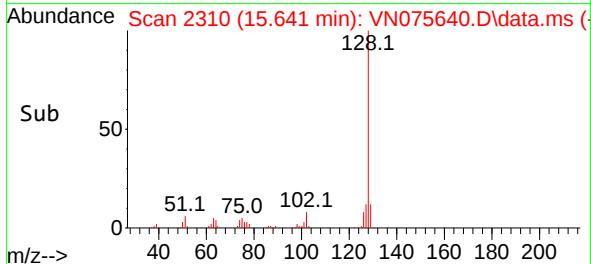
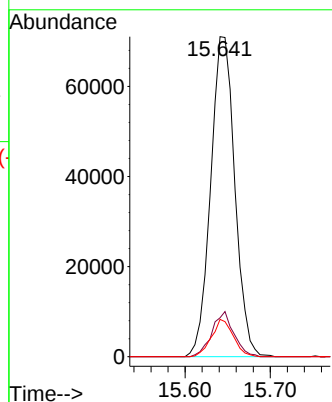
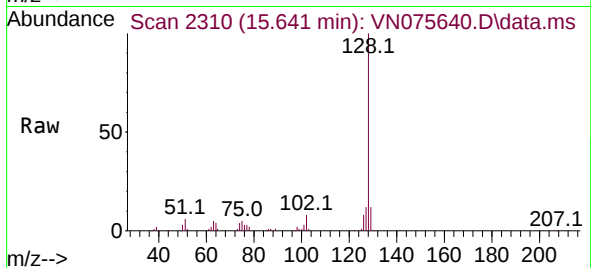




#95
Naphthalene
Concen: 20.240 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion:128 Resp: 139867
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 22.621 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075640.D
Acq: 08 Dec 2022 11:17

Tgt Ion:180 Resp: 48837
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 32.3 17.6 52.9

