

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036148.D
 Acq On : 13 Jun 2023 16:49
 Operator : JC/MD
 Sample : 03173-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD

Quant Time: Jun 14 00:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	195254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172259	54.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.660%
35) Dibromofluoromethane	5.385	113	118623	51.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	8.647	98	417374	50.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	165786	50.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	96022	45.011	ug/l	100
3) Chloromethane	1.294	50	99967	40.997	ug/l	98
4) Vinyl Chloride	1.374	62	102591	44.790	ug/l	99
5) Bromomethane	1.617	94	62084	41.154	ug/l	97
6) Chloroethane	1.691	64	65842	48.820	ug/l	98
7) Trichlorofluoromethane	1.886	101	169235	52.508	ug/l	95
8) Diethyl Ether	2.136	74	66524	47.526	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	97747	48.865	ug/l	100
10) Methyl Iodide	2.453	142	105358	44.744	ug/l	98
11) Tert butyl alcohol	3.007	59	134907	239.587	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	161248	82.318	ug/l	98
13) Acrolein	2.239	56	107326	197.877	ug/l	100
14) Allyl chloride	2.666	41	193600	48.079	ug/l	98
15) Acrylonitrile	3.068	53	340283	257.211	ug/l	99
16) Acetone	2.398	43	305348	233.434	ug/l	98
17) Carbon Disulfide	2.514	76	199212	40.586	ug/l	100
18) Methyl Acetate	2.709	43	262198	51.560	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	400566	52.203	ug/l	100
20) Methylene Chloride	2.788	84	115546	45.857	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	119729	53.469	ug/l	97
22) Diisopropyl ether	3.757	45	410154	52.367	ug/l	95
23) Vinyl Acetate	3.721	43	1417784	257.647	ug/l	100
24) 1,1-Dichloroethane	3.611	63	233968	53.859	ug/l	99
25) 2-Butanone	4.568	43	481446	257.154	ug/l	99
26) 2,2-Dichloropropane	4.477	77	163617	49.413	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	234527	87.266	ug/l	95
28) Bromochloromethane	4.897	49	119358	52.468	ug/l	99
29) Tetrahydrofuran	5.013	42	313062	259.485	ug/l	100
30) Chloroform	5.099	83	231218	51.675	ug/l	98
31) Cyclohexane	5.470	56	162133	48.839	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	197921	52.345	ug/l	100
36) 1,1-Dichloropropene	5.690	75	154584	49.882	ug/l	99
37) Ethyl Acetate	4.714	43	183475	53.161	ug/l	99
38) Carbon Tetrachloride	5.678	117	165033	54.646	ug/l	97
39) Methylcyclohexane	7.379	83	156568	48.422	ug/l	98
40) Benzene	6.037	78	458735	49.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114252	58.354	ug/l	98
42) 1,2-Dichloroethane	6.086	62	213325	57.917	ug/l	100
43) Isopropyl Acetate	6.342	43	312988	55.153	ug/l	99
44) Trichloroethene	7.123	130	182429	75.609	ug/l	99
45) 1,2-Dichloropropane	7.427	63	123959	50.636	ug/l	99
46) Dibromomethane	7.580	93	88432	52.002	ug/l	99
47) Bromodichloromethane	7.824	83	177281	55.421	ug/l	99
48) Methyl methacrylate	7.690	41	159178	57.197	ug/l	99
49) 1,4-Dioxane	7.714	88	54568	856.133	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	989360	285.610	ug/l	100
52) Toluene	8.720	92	288519	49.340	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	186669	55.204	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	193167	51.731	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	125018	51.315	ug/l	99
56) Ethyl methacrylate	9.116	69	198253	54.430	ug/l	99
57) 1,3-Dichloropropane	9.305	76	217683	51.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.366	63	1215	0.637	ug/l #	47
59) 2-Hexanone	9.433	43	743342	290.256	ug/l	98
60) Dibromochloromethane	9.518	129	124894	52.808	ug/l	99
61) 1,2-Dibromoethane	9.610	107	128763	51.699	ug/l	99
64) Tetrachloroethene	9.275	164	86038	44.077	ug/l	99
65) Chlorobenzene	10.079	112	308036	49.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	118438	53.728	ug/l	97
67) Ethyl Benzene	10.195	91	560981	50.290	ug/l	99
68) m/p-Xylenes	10.299	106	414226	97.882	ug/l	100
69) o-Xylene	10.640	106	207720	48.846	ug/l	100
70) Styrene	10.652	104	350527	51.013	ug/l	99
71) Bromoform	10.799	173	79282	51.930	ug/l #	100
73) Isopropylbenzene	10.963	105	543603	51.865	ug/l	99
74) N-amyl acetate	10.841	43	254589	55.728	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	191316	53.361	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	214755	66.016	ug/l	83
77) Bromobenzene	11.195	156	122907	47.419	ug/l	96
78) n-propylbenzene	11.305	91	622944	52.659	ug/l	100
79) 2-Chlorotoluene	11.366	91	393104	51.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	459634	52.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53200	55.084	ug/l	98
82) 4-Chlorotoluene	11.451	91	450801	50.981	ug/l	100
83) tert-Butylbenzene	11.713	119	441201	52.260	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	455081	50.180	ug/l	100
85) sec-Butylbenzene	11.890	105	523849	52.313	ug/l	100
86) p-Isopropyltoluene	12.006	119	442576	51.695	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	229237	48.281	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232347	46.454	ug/l	99
89) n-Butylbenzene	12.329	91	375575	51.926	ug/l	100
90) Hexachloroethane	12.536	117	73668	54.263	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	229342	48.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44117	59.625	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	127895	46.498	ug/l	100
94) Hexachlorobutadiene	13.725	225	48307	46.169	ug/l	97
95) Naphthalene	13.774	128	496659	51.880	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129730	47.815	ug/l	98

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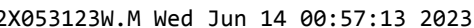
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

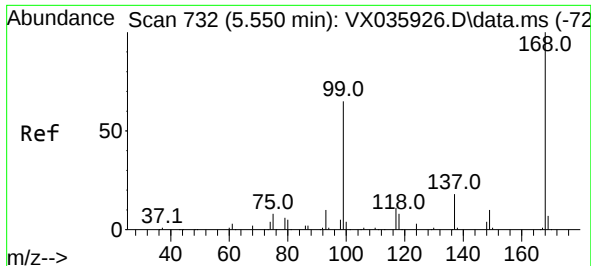
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Response via : Initial Calibration

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

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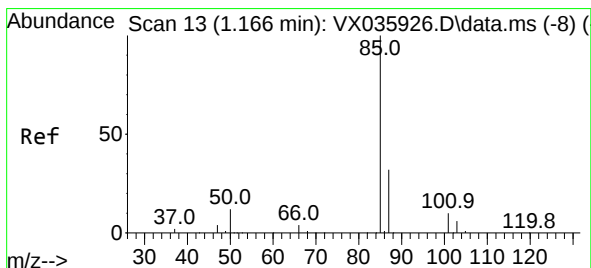
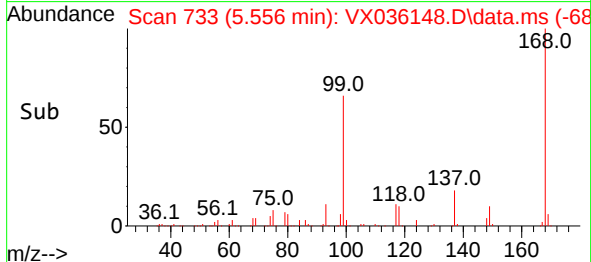
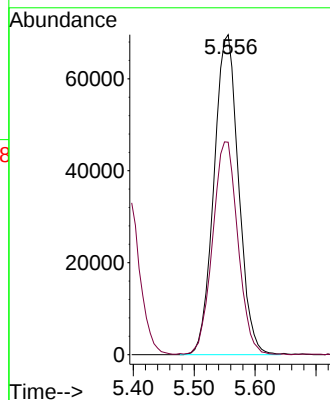
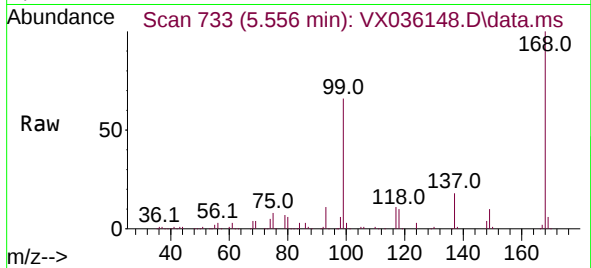




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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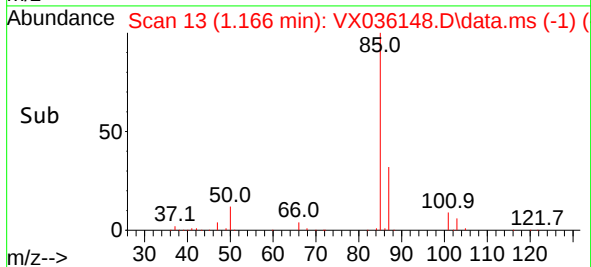
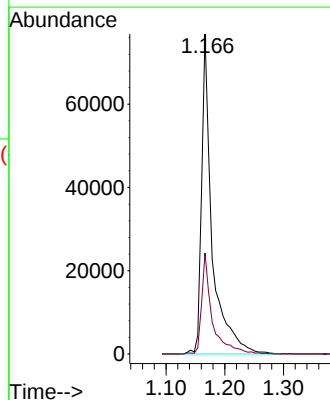
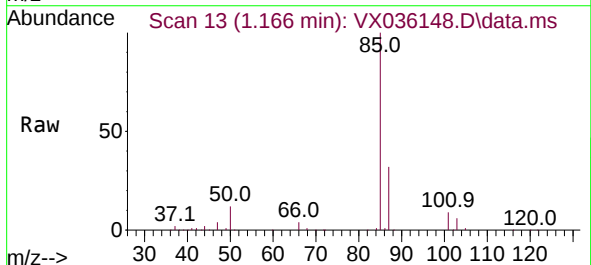
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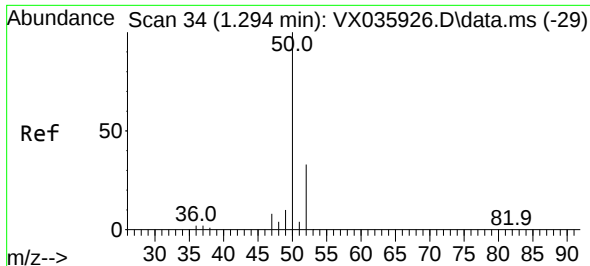
Tgt Ion:168 Resp: 195254
Ion Ratio Lower Upper
168 100
99 66.2 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 45.011 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 85 Resp: 96022
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4

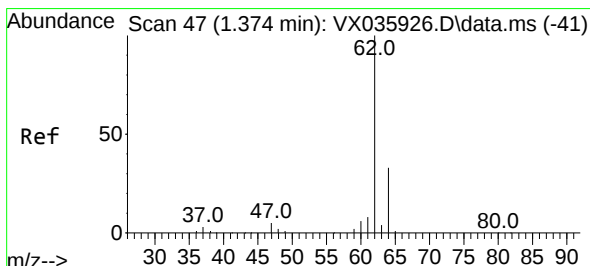
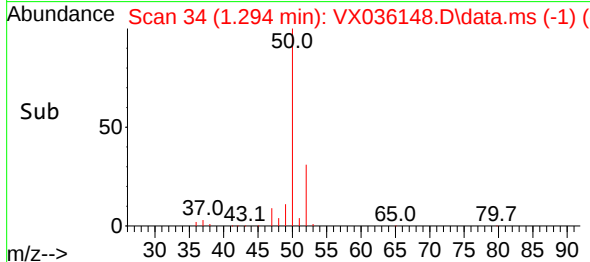
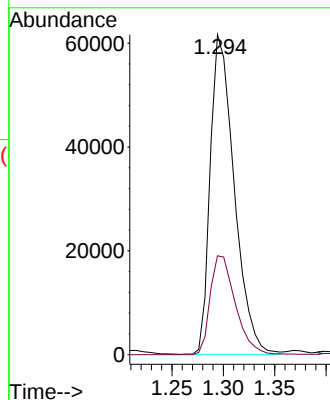
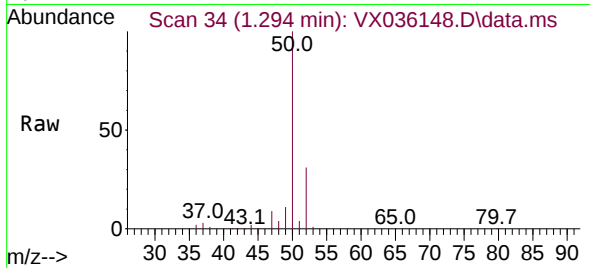




#3
Chloromethane
Concen: 40.997 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

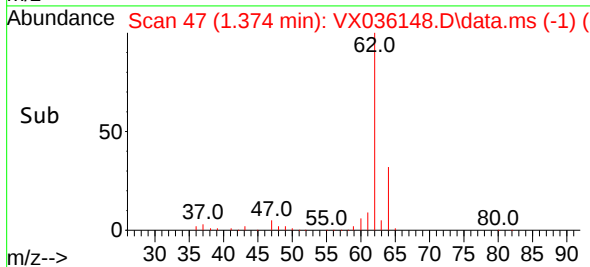
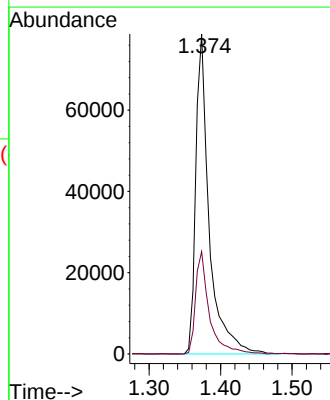
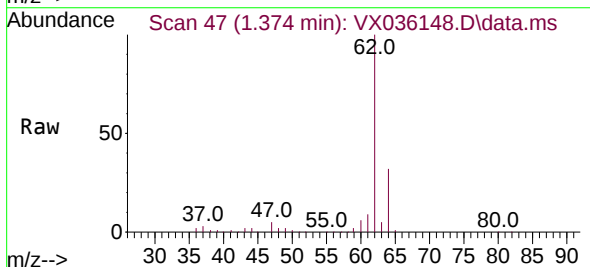
Instrument :
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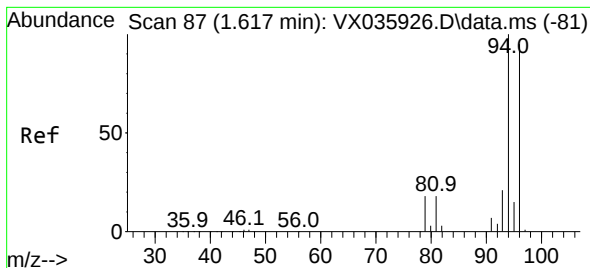
Tgt Ion: 50 Resp: 99967
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2



#4
Vinyl Chloride
Concen: 44.790 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 62 Resp: 102591
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5

Bromomethane

Concen: 41.154 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

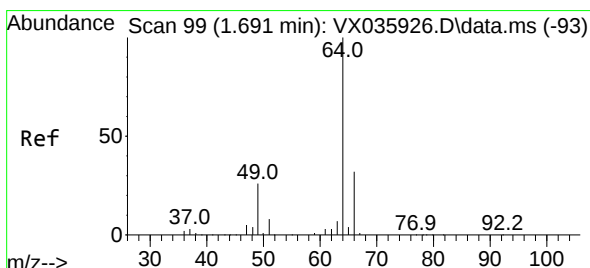
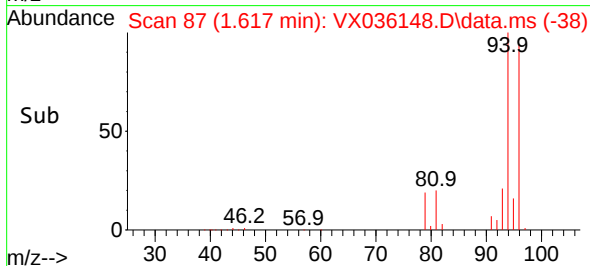
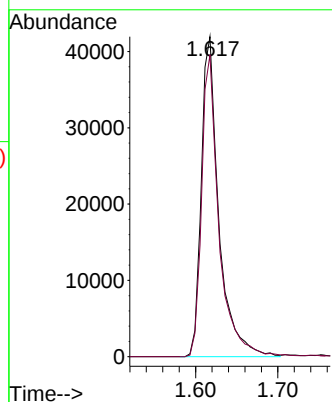
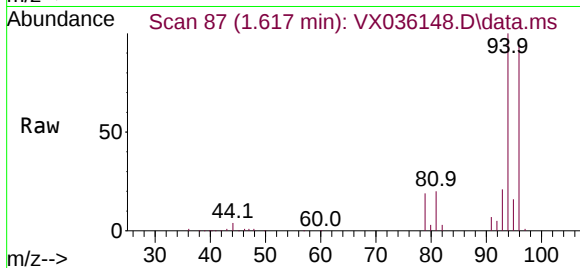
OW-06B-74-79-061223MSD

Tgt Ion: 94 Resp: 62084

Ion Ratio Lower Upper

94 100

96 94.3 73.5 110.3



#6

Chloroethane

Concen: 48.820 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX036148.D

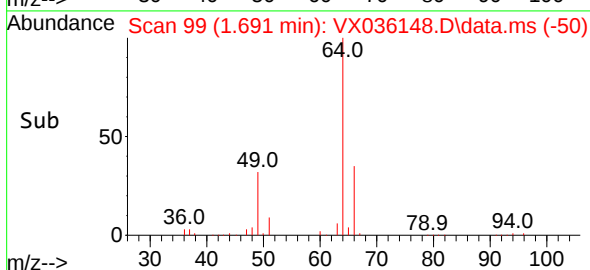
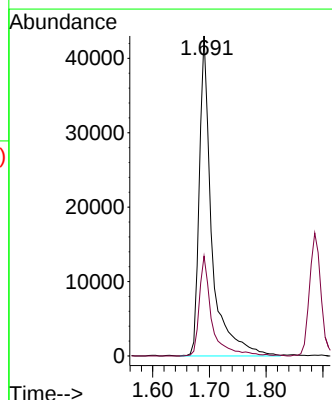
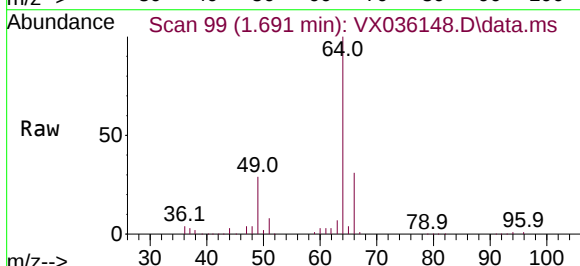
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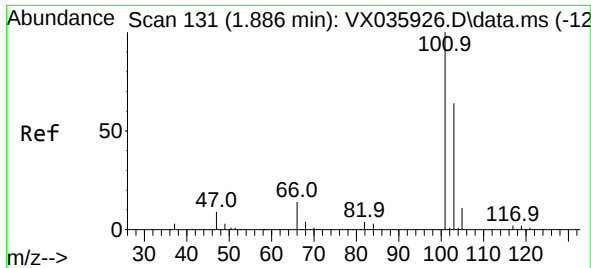
Tgt Ion: 64 Resp: 65842

Ion Ratio Lower Upper

64 100

66 31.2 26.0 39.0

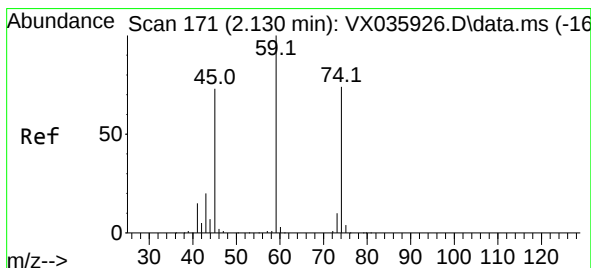
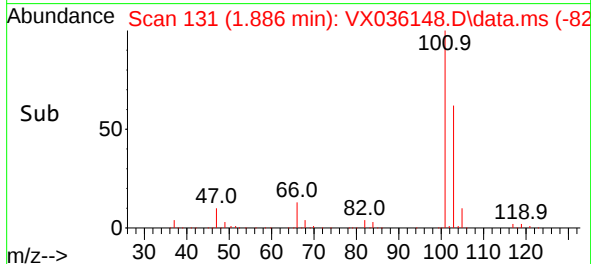
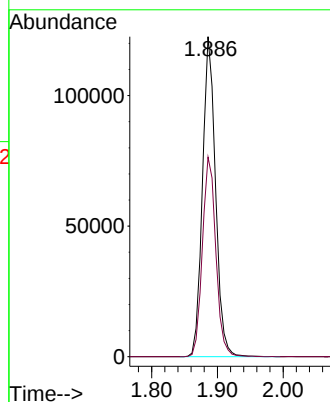
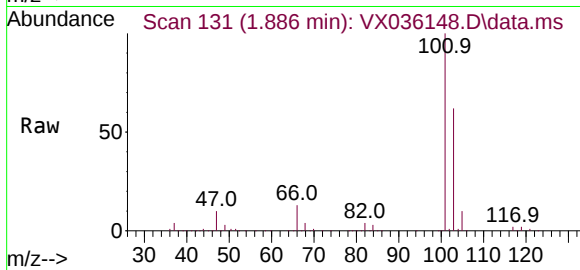




#7
Trichlorofluoromethane
Concen: 52.508 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

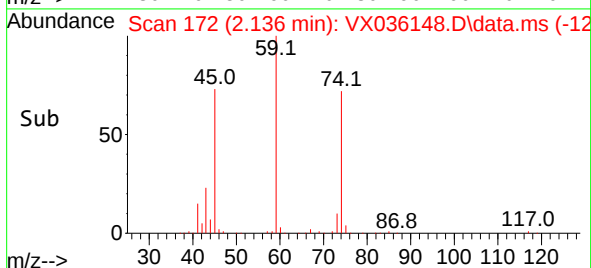
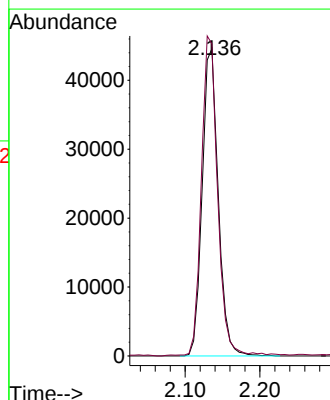
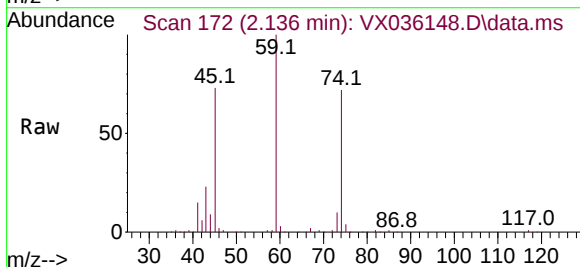
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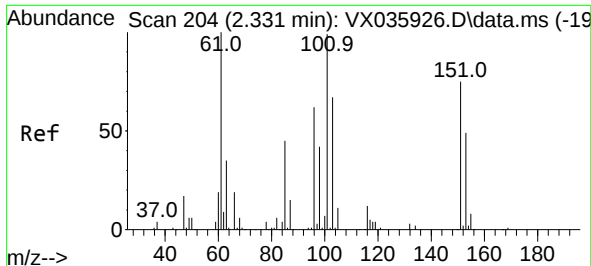
Tgt Ion:101 Resp: 169235
Ion Ratio Lower Upper
101 100
103 62.4 53.2 79.8



#8
Diethyl Ether
Concen: 47.526 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 74 Resp: 66524
Ion Ratio Lower Upper
74 100
45 105.9 50.6 151.9

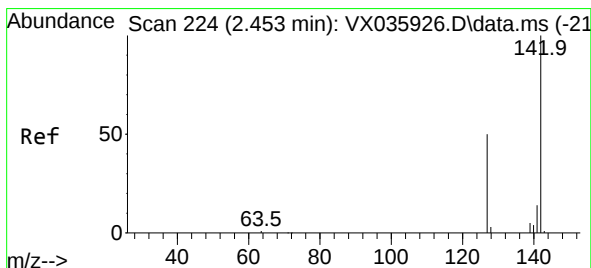
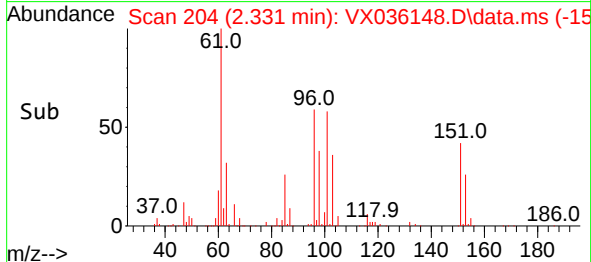
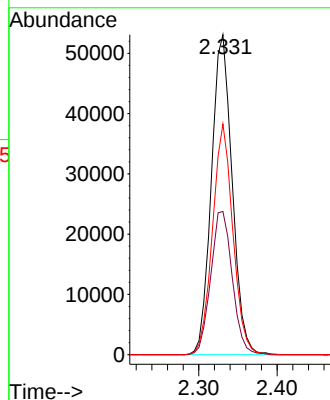
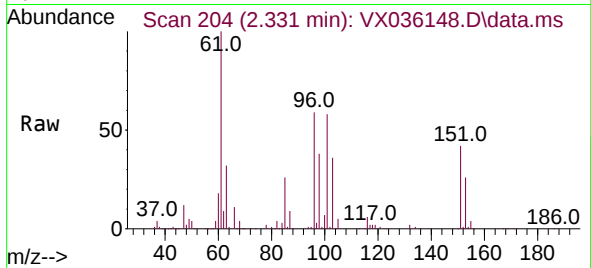




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.865 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

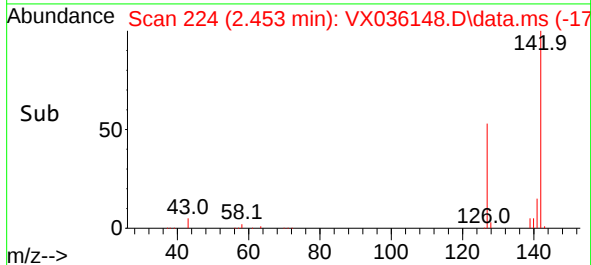
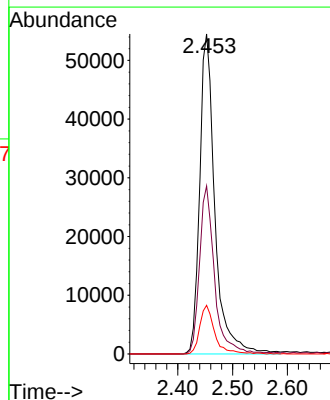
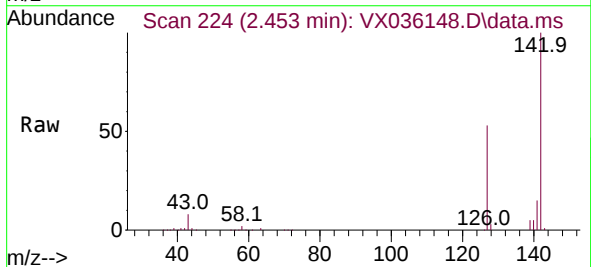
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

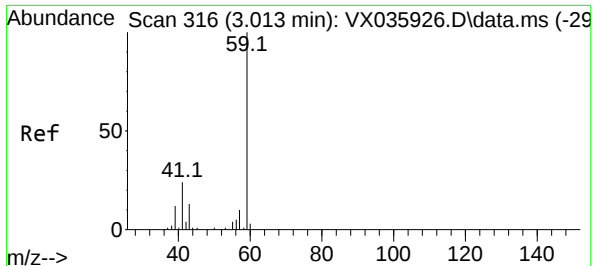
Tgt Ion:101 Resp: 97747
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 71.0 57.0 85.6



#10
Methyl Iodide
Concen: 44.744 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:142 Resp: 105358
Ion Ratio Lower Upper
142 100
127 51.6 40.3 60.5
141 14.9 11.4 17.0

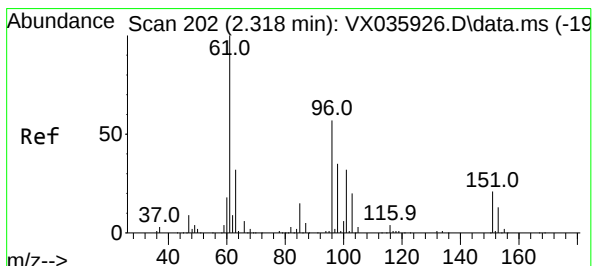
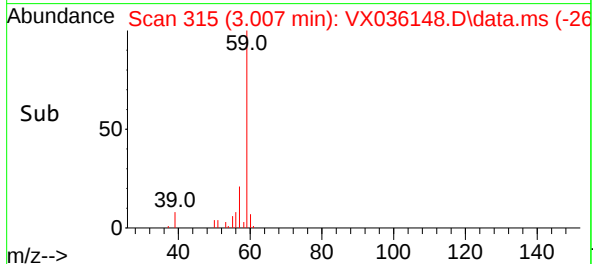
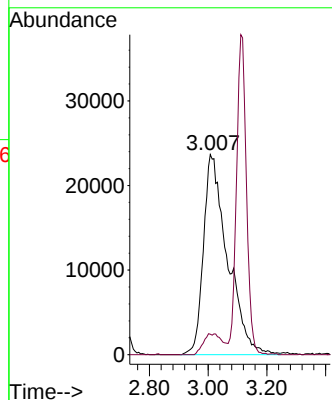
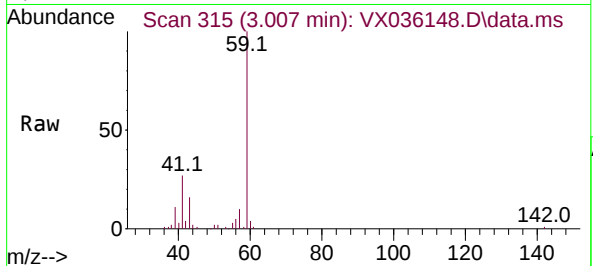




#11
Tert butyl alcohol
Concen: 239.587 ug/l
RT: 3.007 min Scan# 316
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

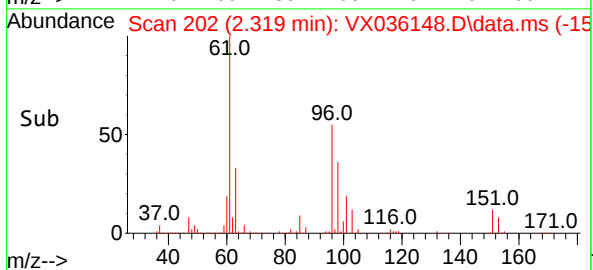
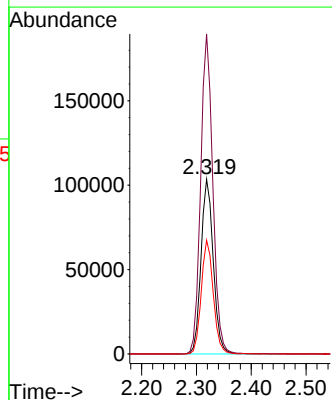
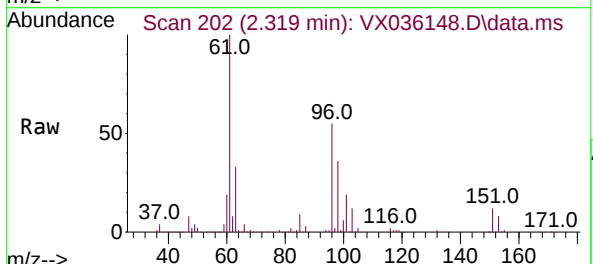
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

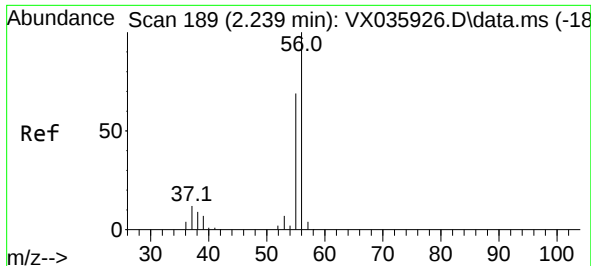
Tgt Ion: 59 Resp: 134907
Ion Ratio Lower Upper
59 100
57 4.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 82.318 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 96 Resp: 161248
Ion Ratio Lower Upper
96 100
61 183.1 145.2 217.8
98 65.1 49.3 73.9





#13

Acrolein

Concen: 197.877 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

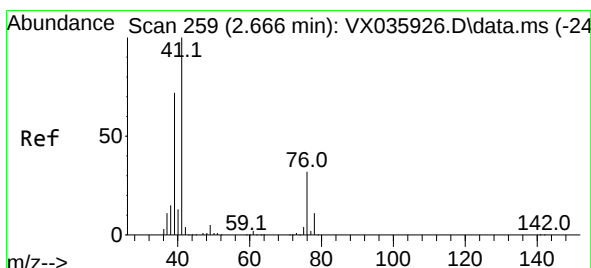
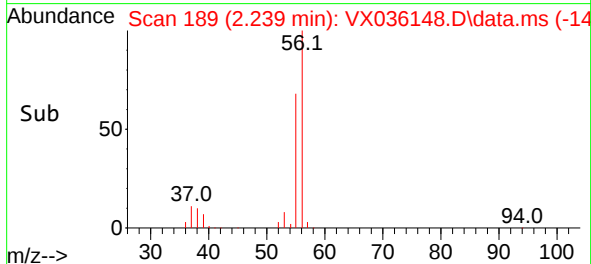
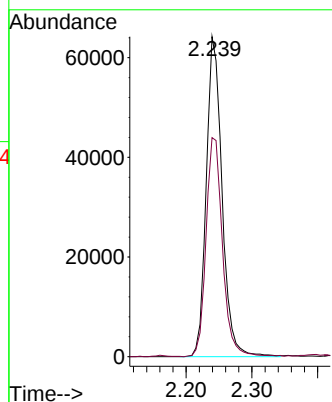
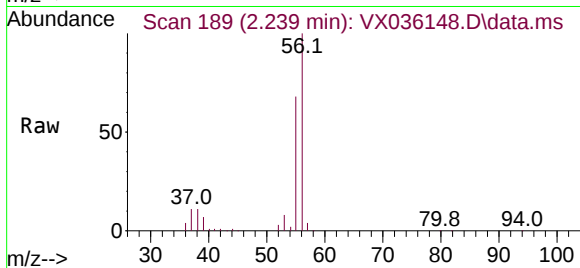
OW-06B-74-79-061223MSD

Tgt Ion: 56 Resp: 107326

Ion Ratio Lower Upper

56 100

55 71.5 57.3 85.9



#14

Allyl chloride

Concen: 48.079 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

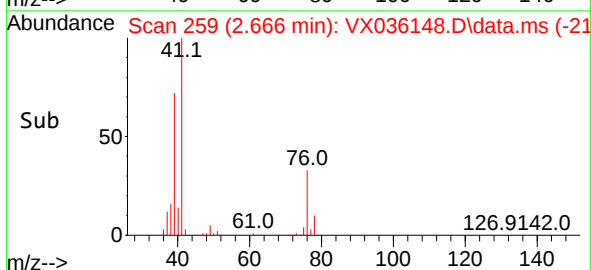
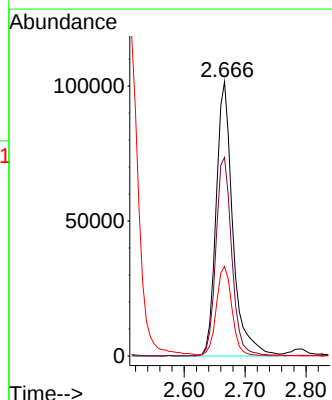
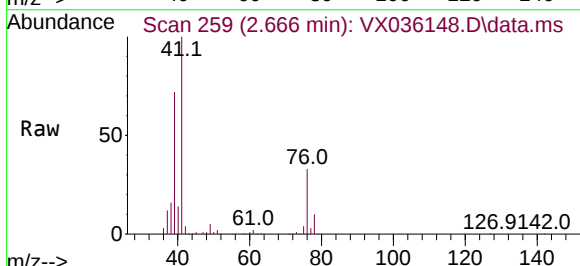
Tgt Ion: 41 Resp: 193600

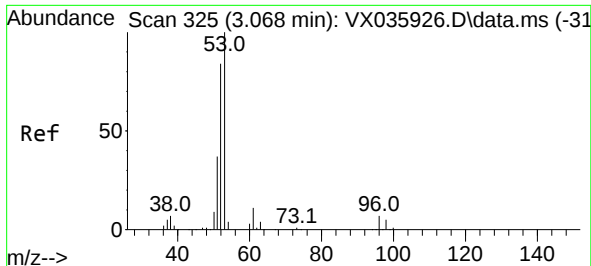
Ion Ratio Lower Upper

41 100

39 69.1 56.9 85.3

76 30.7 24.1 36.1

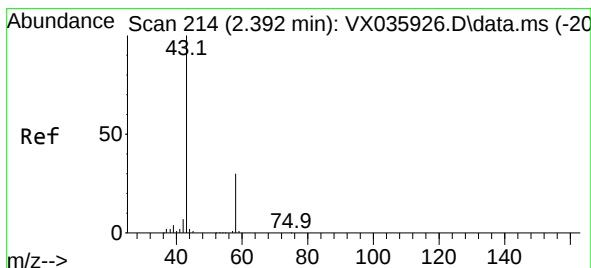
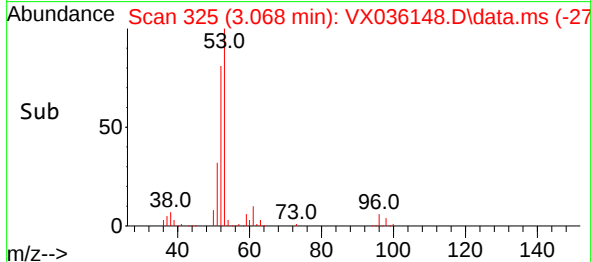
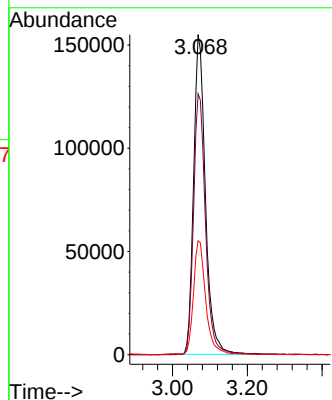
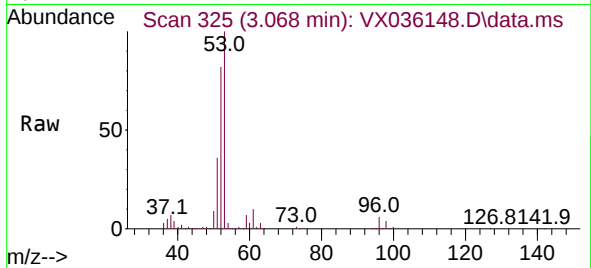




#15
Acrylonitrile
Concen: 257.211 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

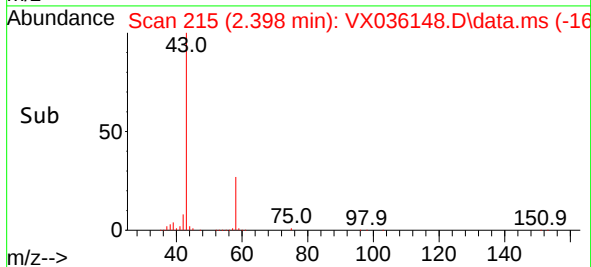
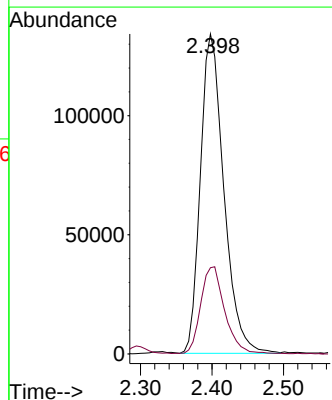
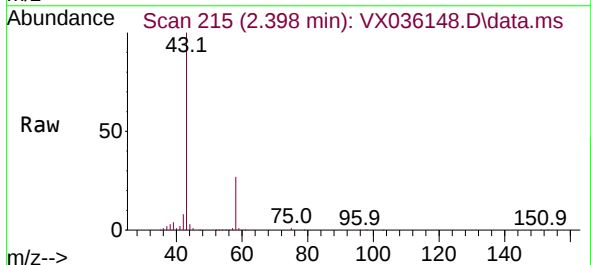
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

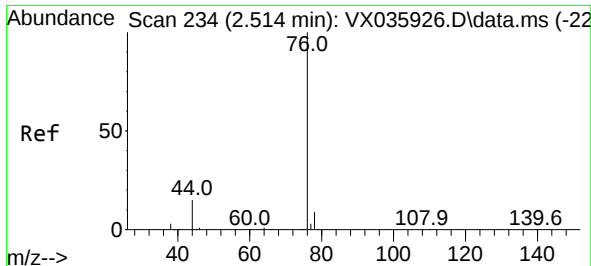
Tgt Ion: 53 Resp: 340283
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 36.9 29.8 44.8



#16
Acetone
Concen: 233.434 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 43 Resp: 305348
Ion Ratio Lower Upper
43 100
58 26.8 22.2 33.2

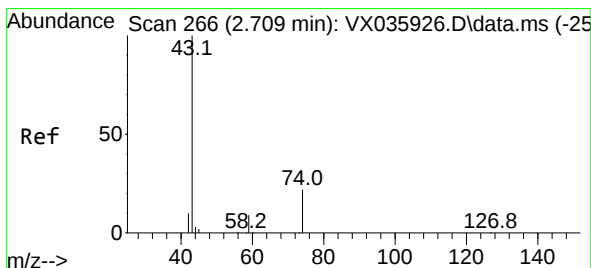
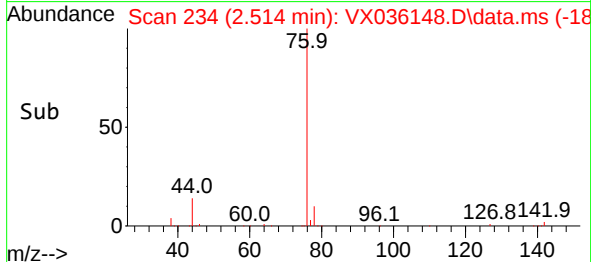
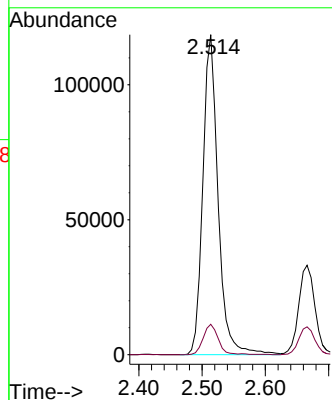
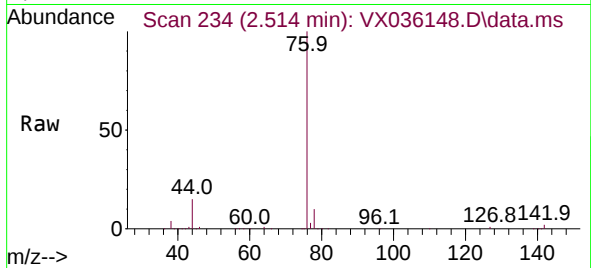




#17
Carbon Disulfide
Concen: 40.586 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

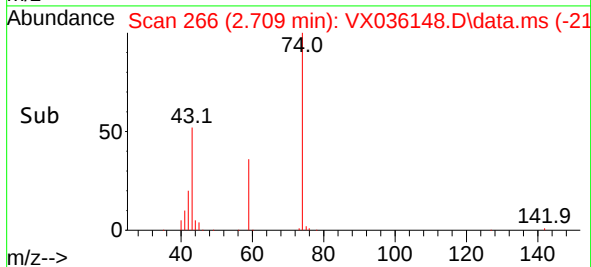
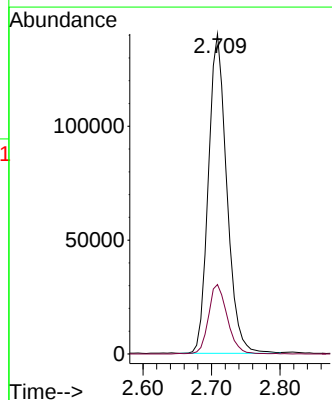
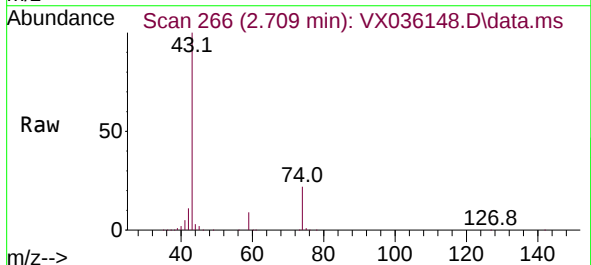
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

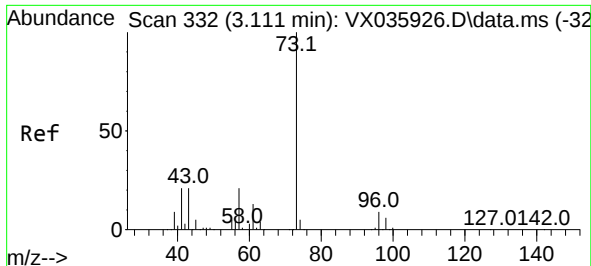
Tgt Ion: 76 Resp: 199212
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 51.560 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 43 Resp: 262198
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.203 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

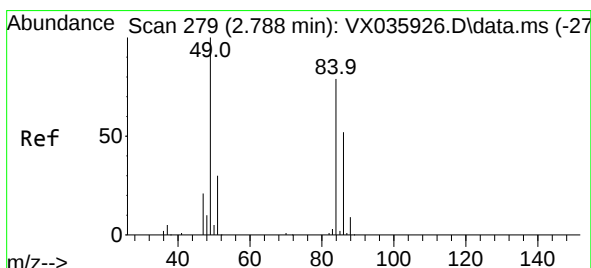
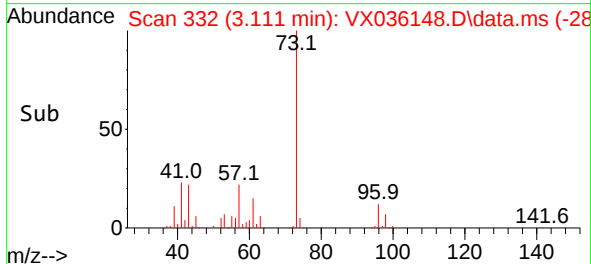
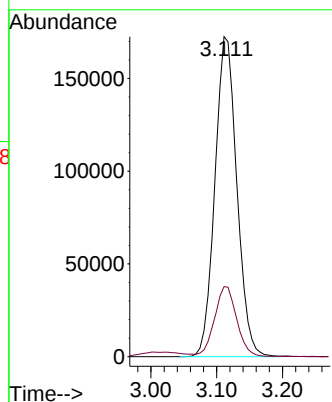
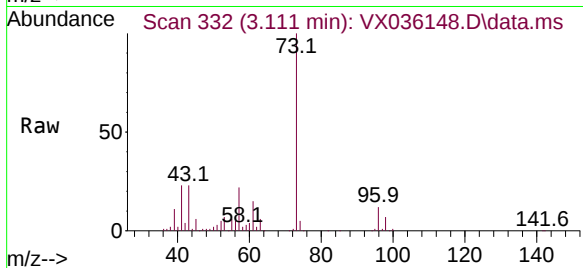
OW-06B-74-79-061223MSD

Tgt Ion: 73 Resp: 400566

Ion Ratio Lower Upper

73 100

57 21.8 17.6 26.4



#20

Methylene Chloride

Concen: 45.857 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Tgt Ion: 84 Resp: 115546

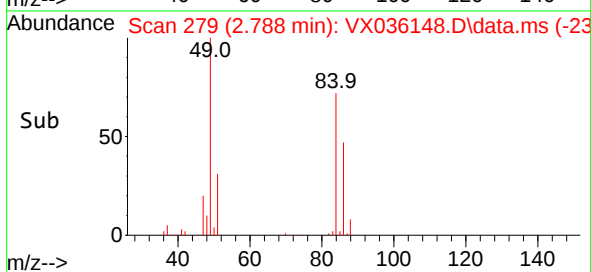
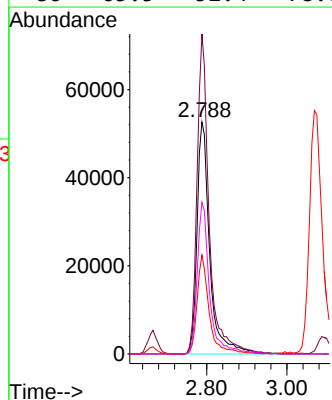
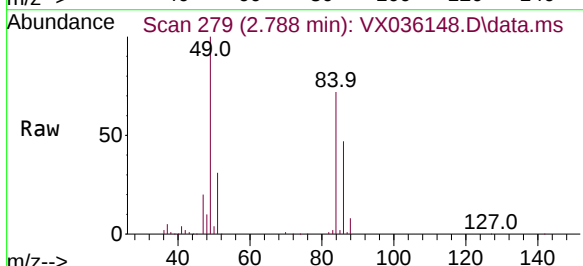
Ion Ratio Lower Upper

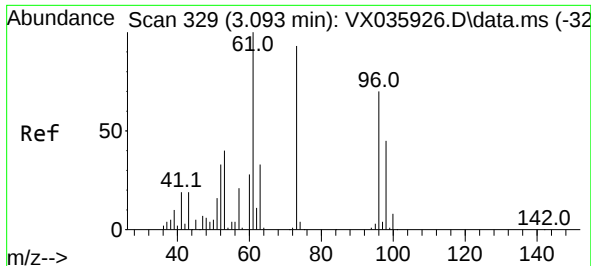
84 100

49 138.0 104.6 156.8

51 42.6 32.2 48.4

86 65.5 52.4 78.6

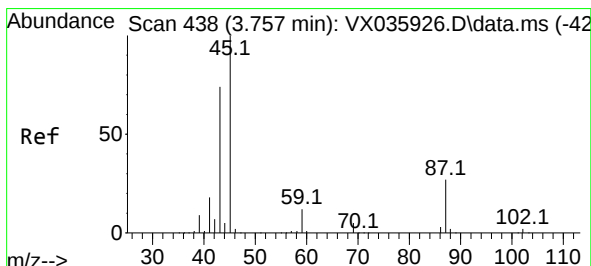
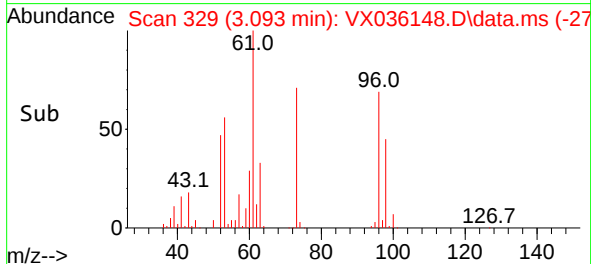
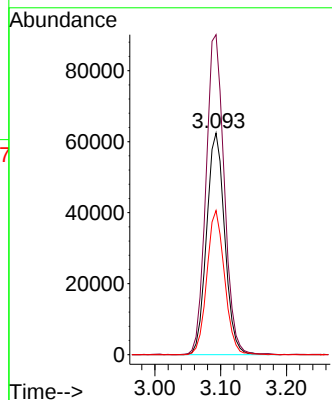
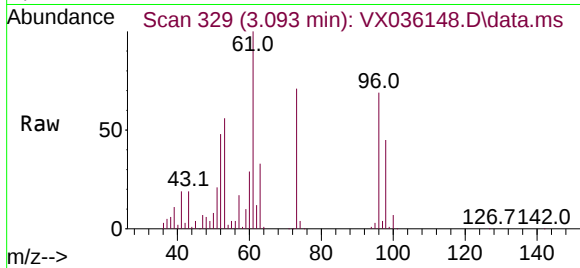




#21
trans-1,2-Dichloroethene
Concen: 53.469 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

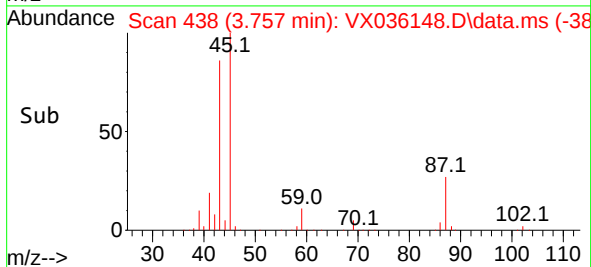
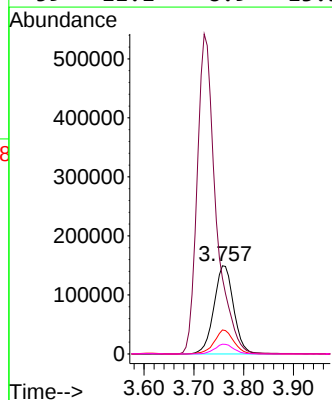
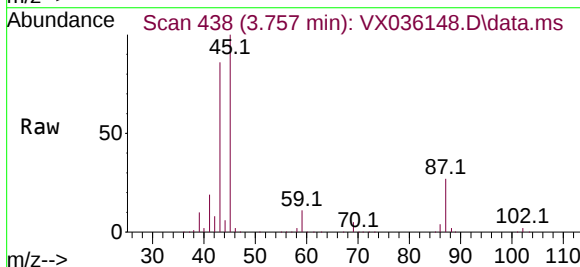
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

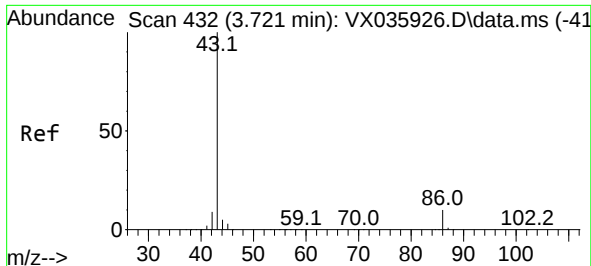
Tgt Ion: 96 Resp: 119729
Ion Ratio Lower Upper
96 100
61 144.4 118.2 177.4
98 65.0 50.6 75.8



#22
Diisopropyl ether
Concen: 52.367 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 45 Resp: 410154
Ion Ratio Lower Upper
45 100
43 85.6 63.8 95.6
87 27.2 20.6 31.0
59 11.1 8.9 13.3

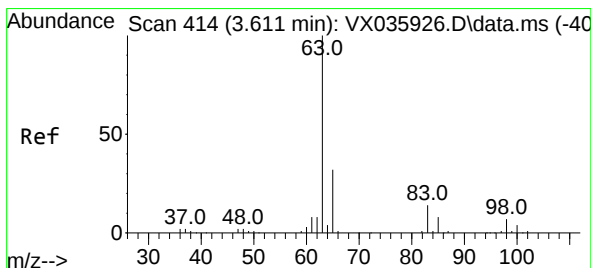
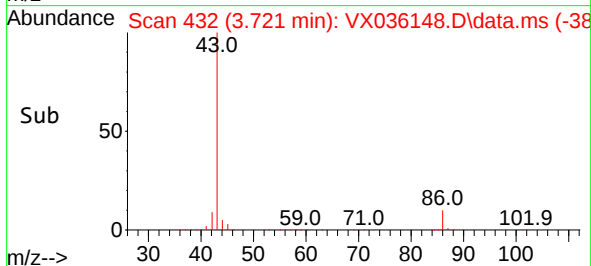
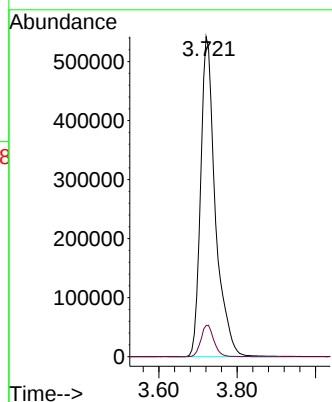
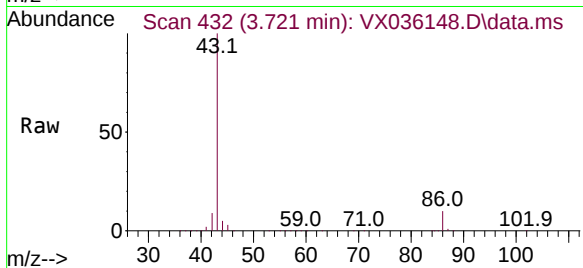




#23
 Vinyl Acetate
 Concen: 257.647 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

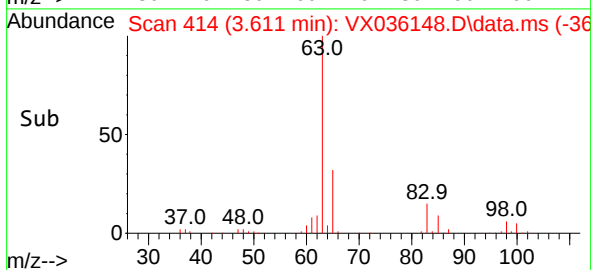
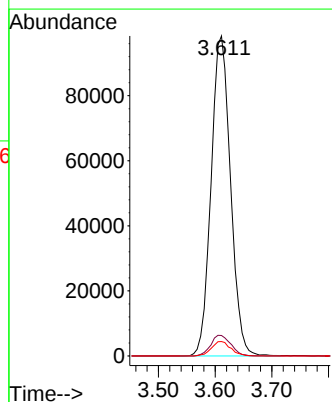
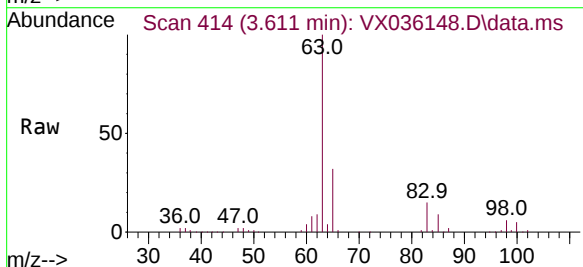
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD

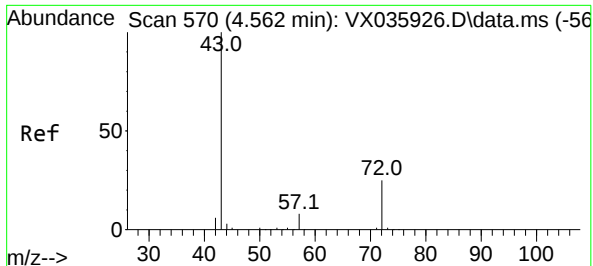
Tgt Ion: 43 Resp: 1417784
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 53.859 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

Tgt Ion: 63 Resp: 233968
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.5 2.3 6.9

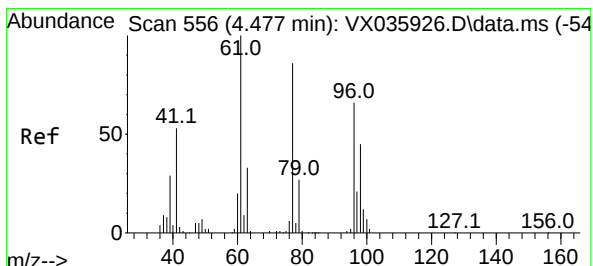
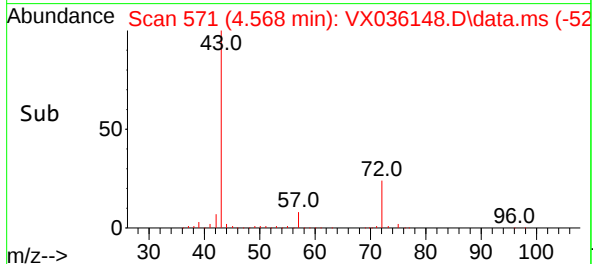
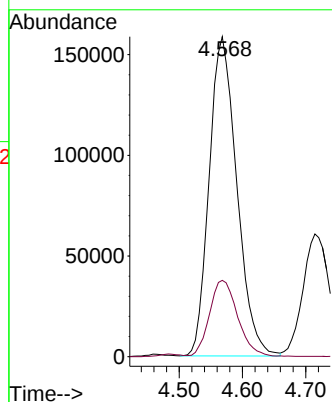
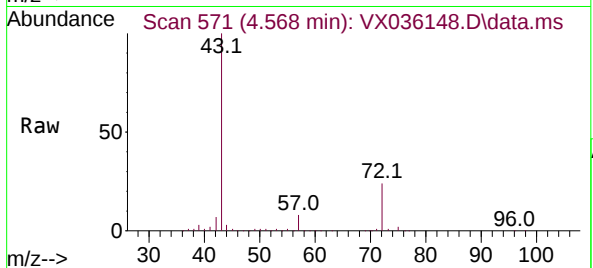




#25
2-Butanone
Concen: 257.154 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

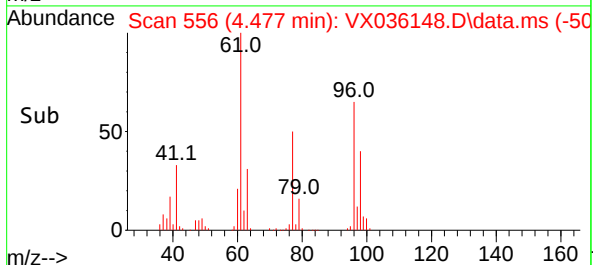
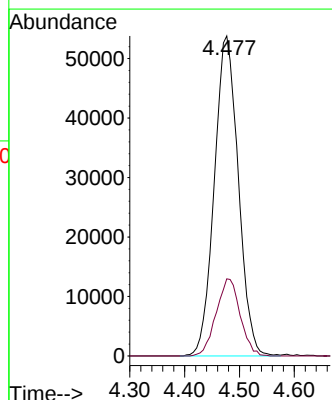
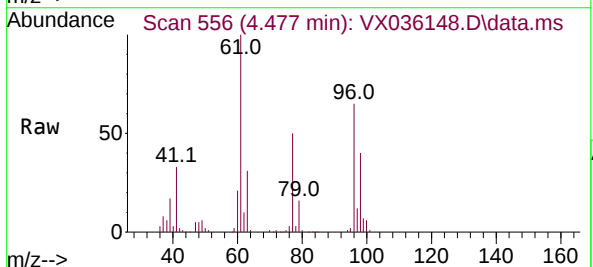
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

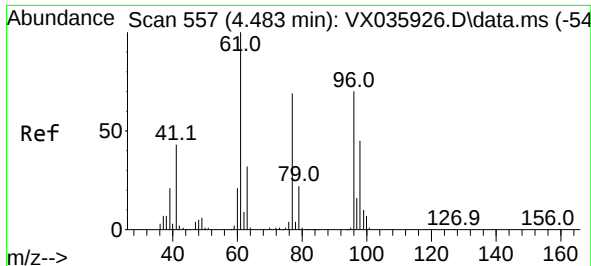
Tgt Ion: 43 Resp: 481446
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.413 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 77 Resp: 163617
Ion Ratio Lower Upper
77 100
97 24.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 87.266 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

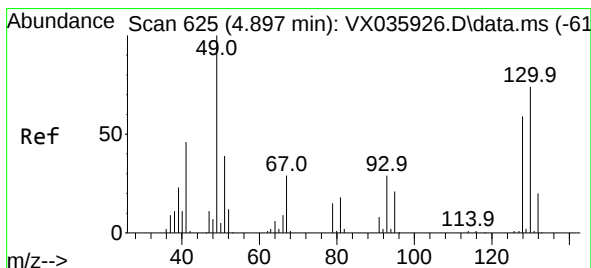
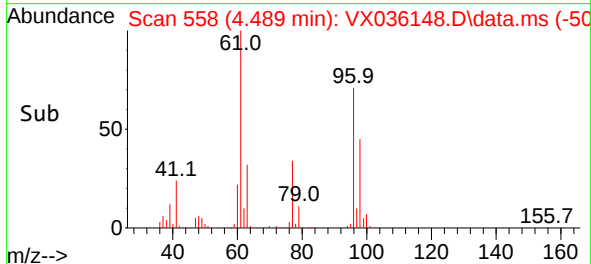
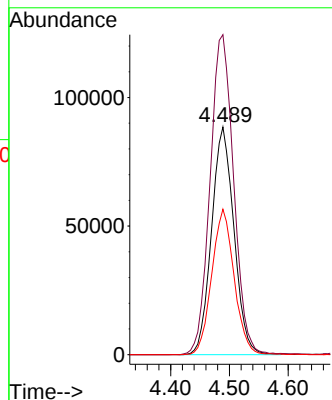
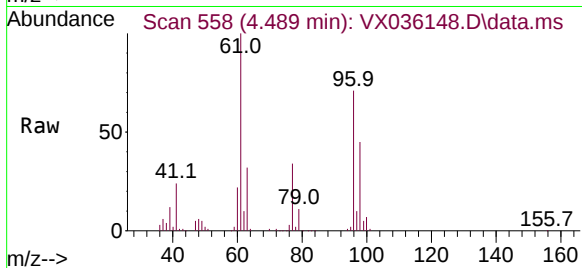
Tgt Ion: 96 Resp: 234527

Ion Ratio Lower Upper

96 100

61 148.0 0.0 312.6

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 52.468 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

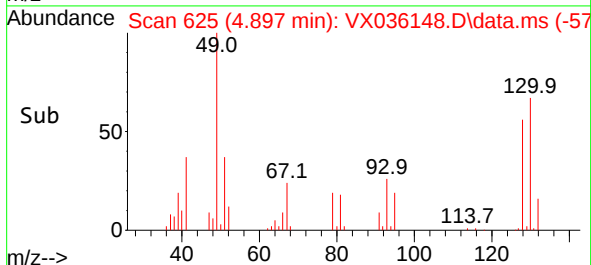
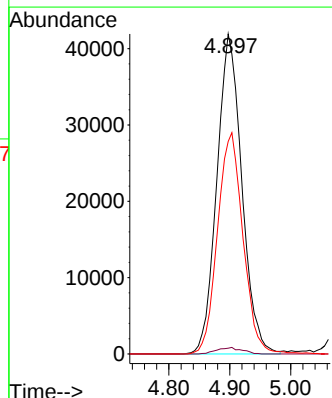
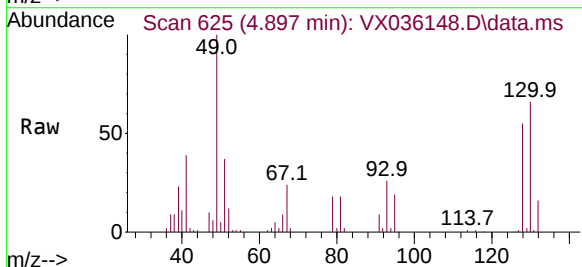
Tgt Ion: 49 Resp: 119358

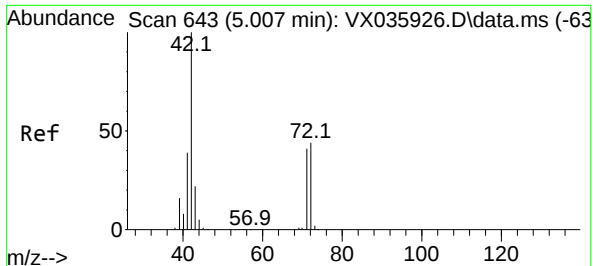
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.7 55.8 83.8





#29

Tetrahydrofuran

Concen: 259.485 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

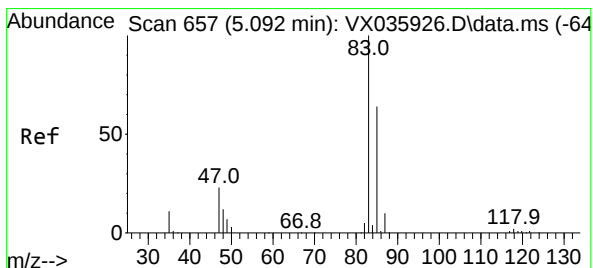
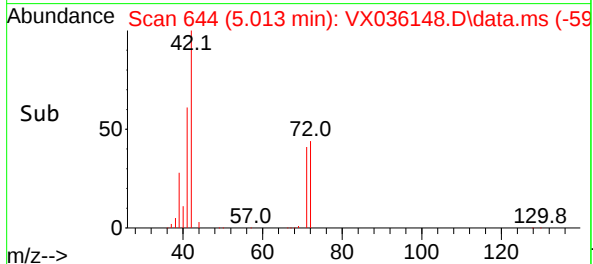
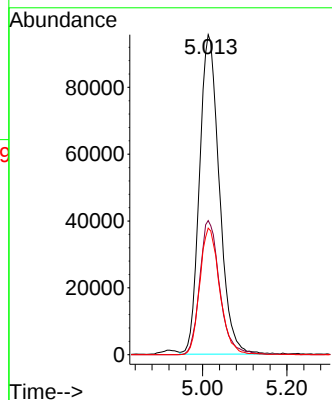
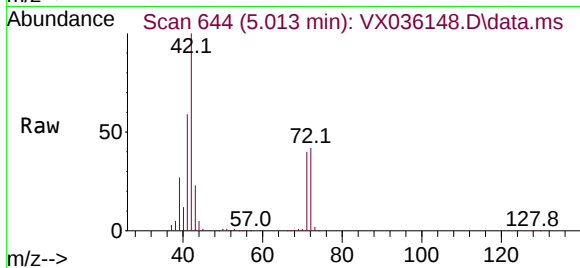
Tgt Ion: 42 Resp: 313062

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.2

71 39.9 31.8 47.8



#30

Chloroform

Concen: 51.675 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX036148.D

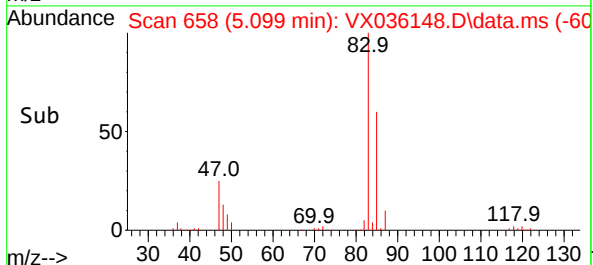
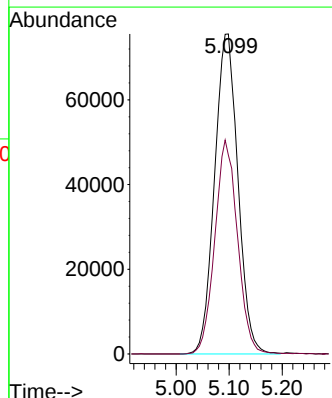
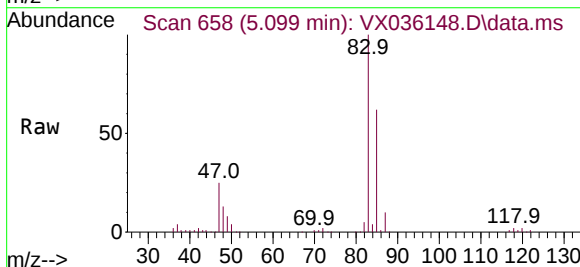
Acq: 13 Jun 2023 16:49

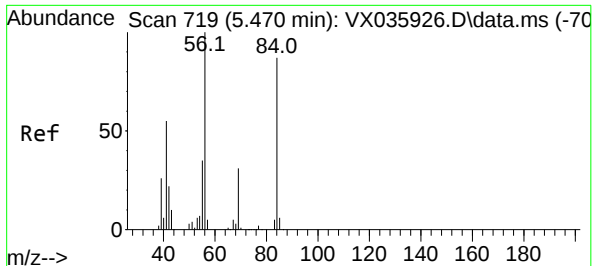
Tgt Ion: 83 Resp: 231218

Ion Ratio Lower Upper

83 100

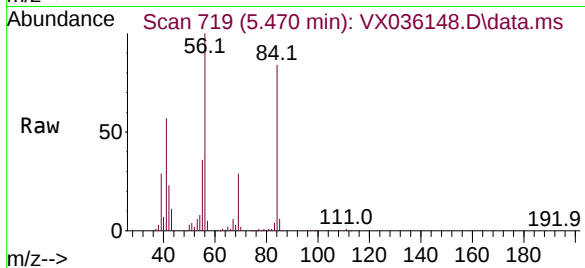
85 62.2 51.0 76.4





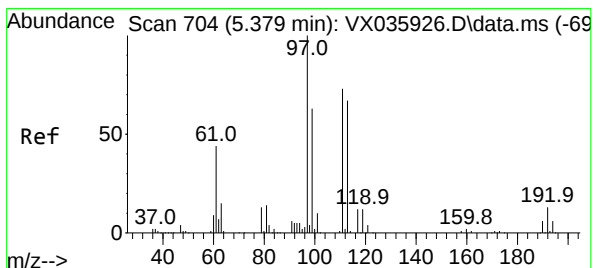
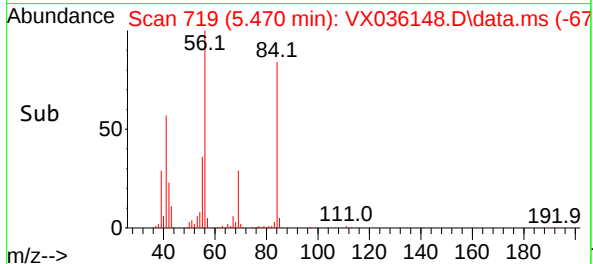
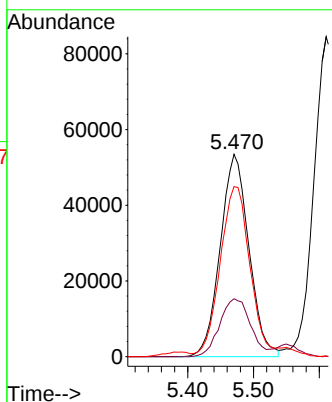
#31
Cyclohexane
Concen: 48.839 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 56 Resp: 162133

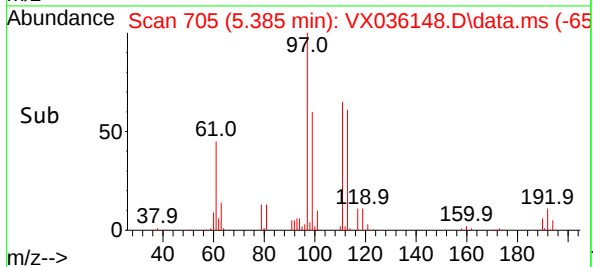
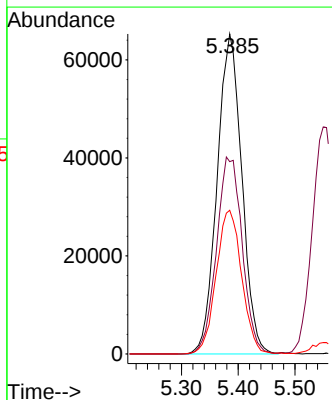
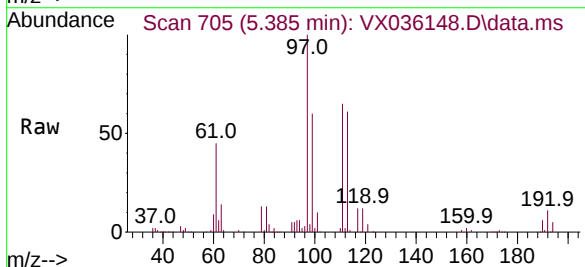
Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.9	38.9
84	81.8	67.6	101.4

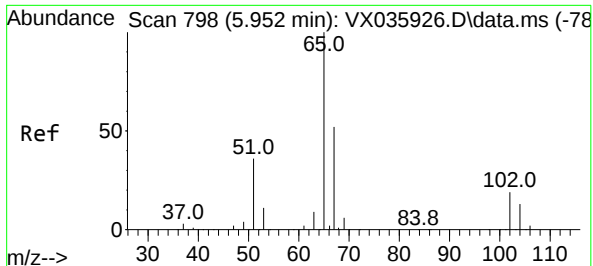


#32
1,1,1-Trichloroethane
Concen: 52.345 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 97 Resp: 197921

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	46.3	36.9	55.3





#33

1,2-Dichloroethane-d4

Concen: 54.329 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

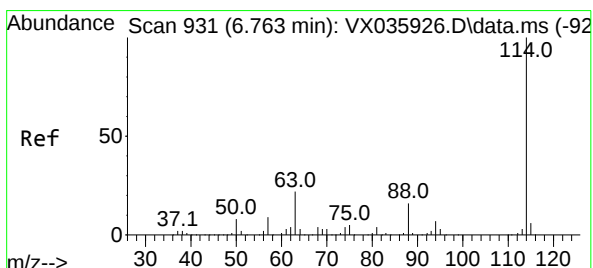
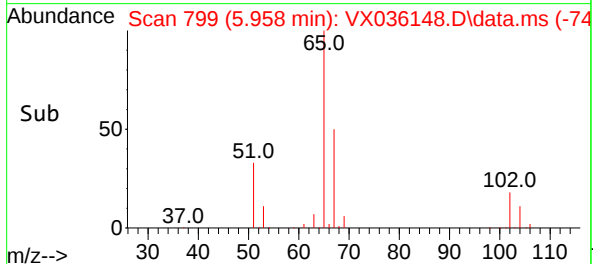
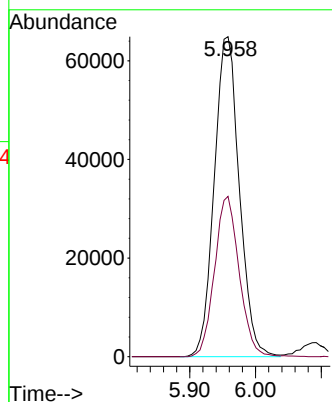
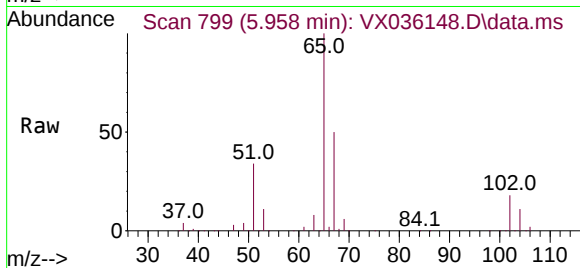
OW-06B-74-79-061223MSD

Tgt Ion: 65 Resp: 172259

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

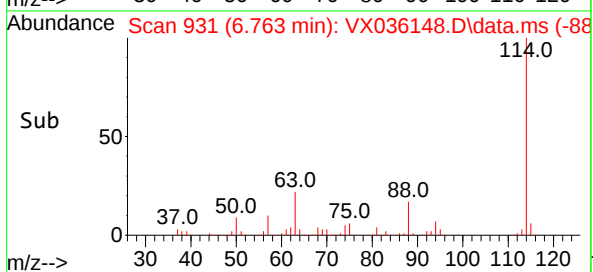
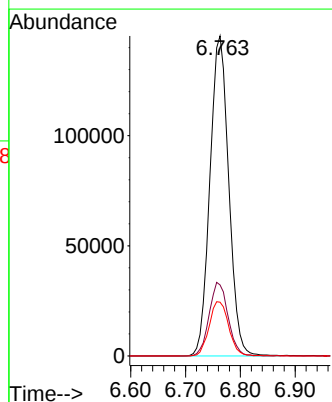
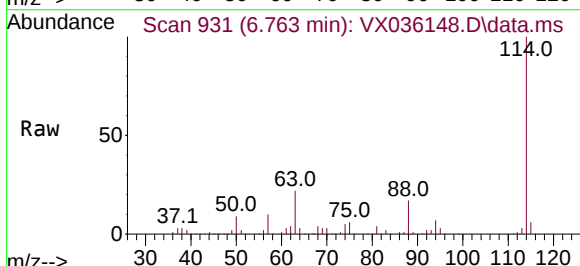
Tgt Ion: 114 Resp: 345566

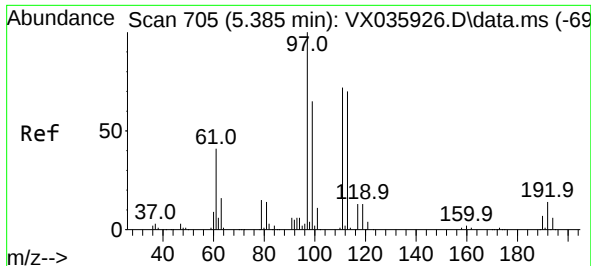
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

88 16.8 0.0 35.2

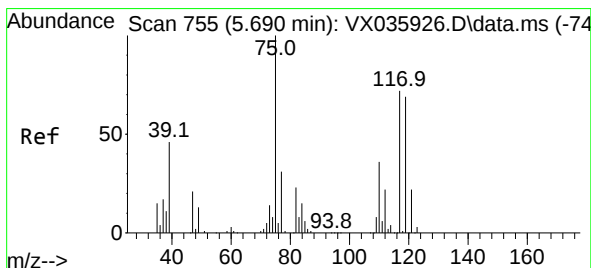
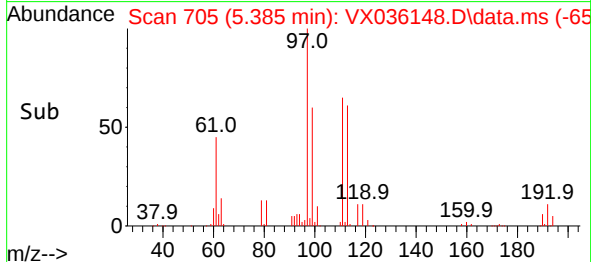
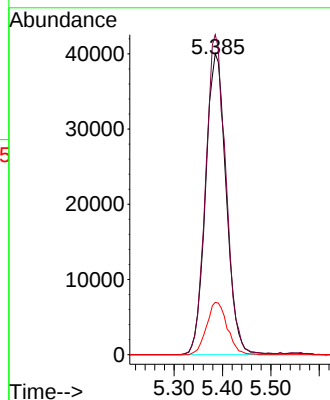
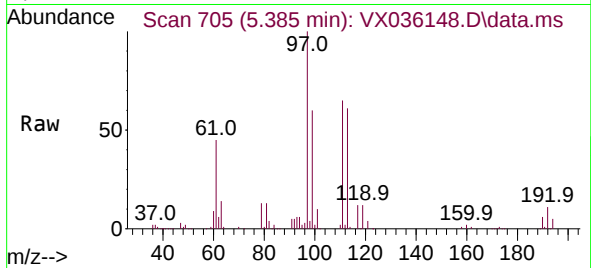




#35
Dibromofluoromethane
Concen: 51.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

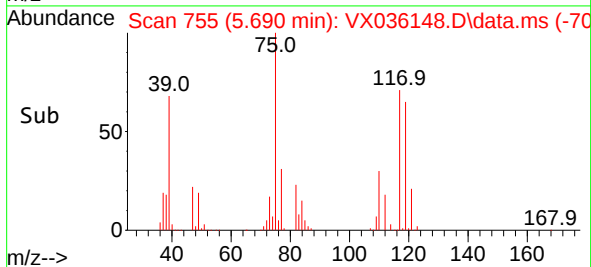
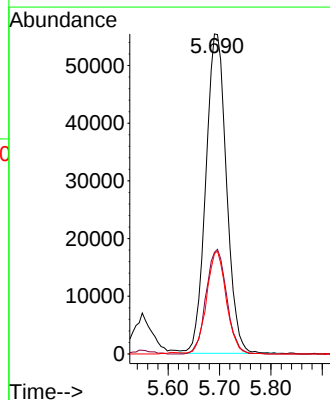
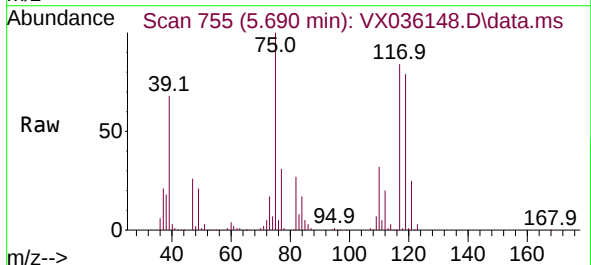
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

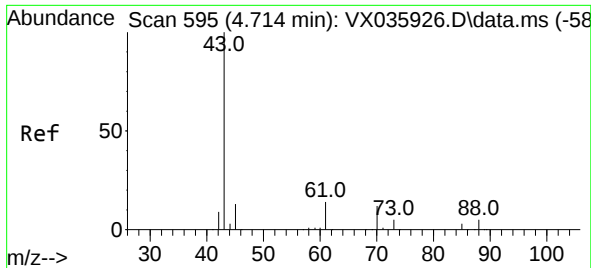
Tgt Ion:113 Resp: 118623
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 17.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 49.882 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 75 Resp: 154584
Ion Ratio Lower Upper
75 100
110 32.7 16.6 49.7
77 30.8 24.4 36.6

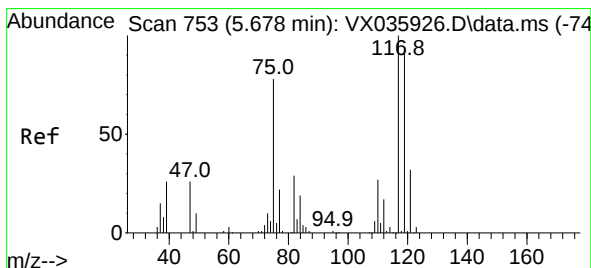
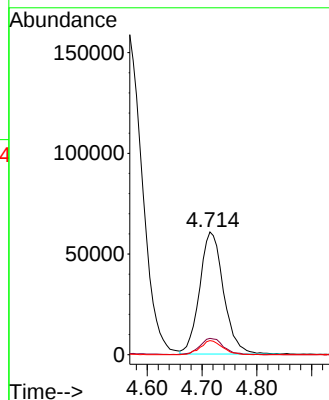
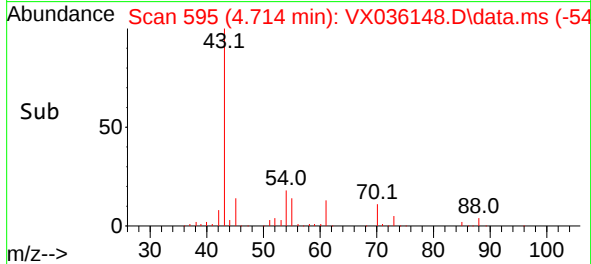
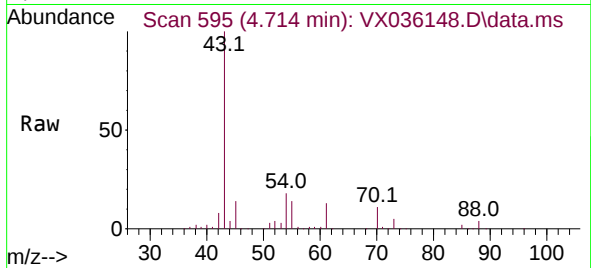




#37
Ethyl Acetate
Concen: 53.161 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

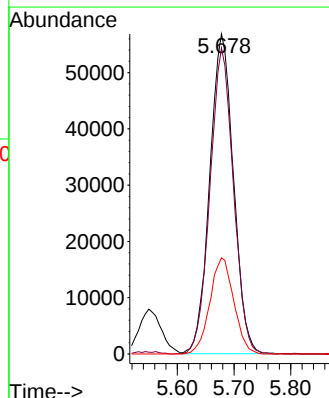
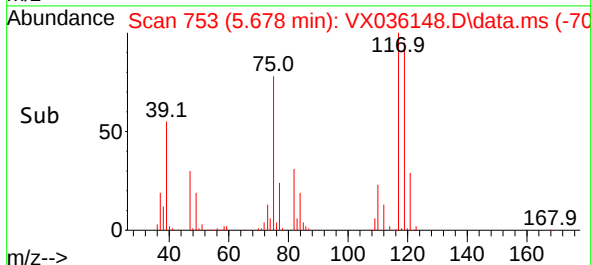
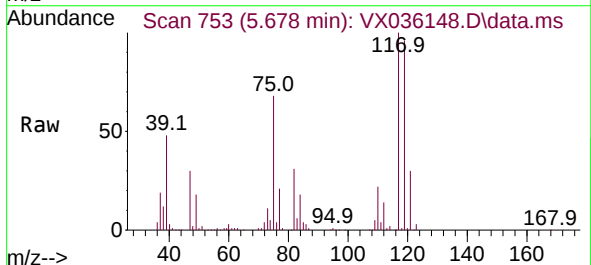
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

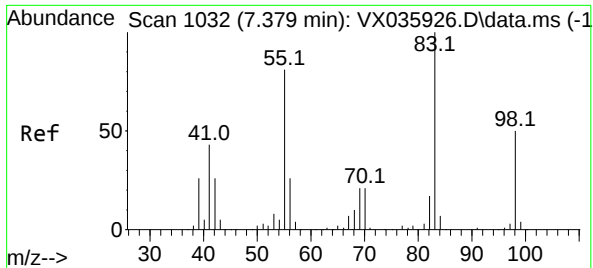
Tgt Ion: 43 Resp: 183475
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 54.646 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 117 Resp: 165033
Ion Ratio Lower Upper
117 100
119 95.6 74.1 111.1
121 30.1 25.0 37.4

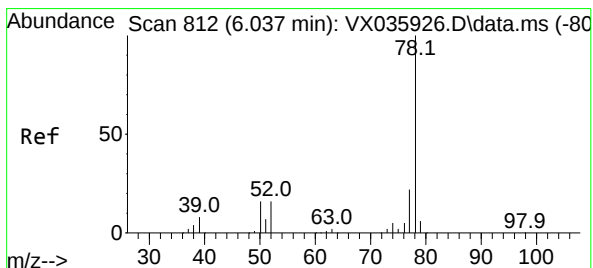
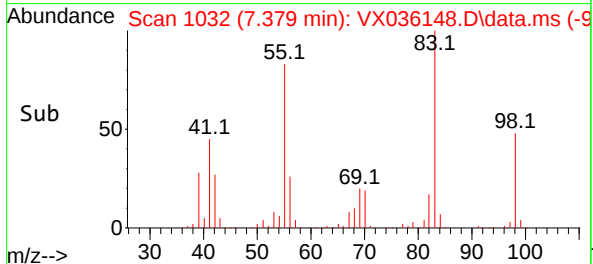
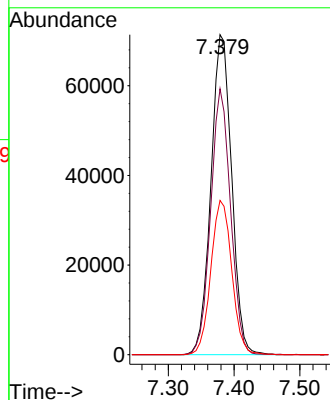
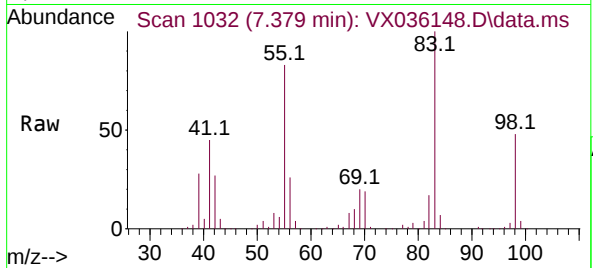




#39
Methylcyclohexane
Concen: 48.422 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

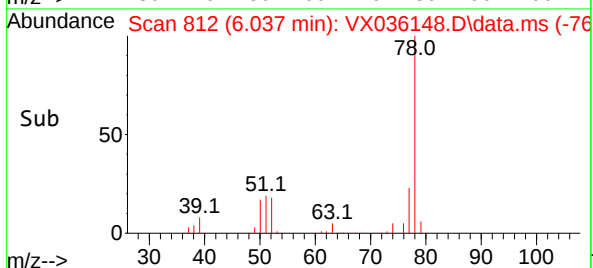
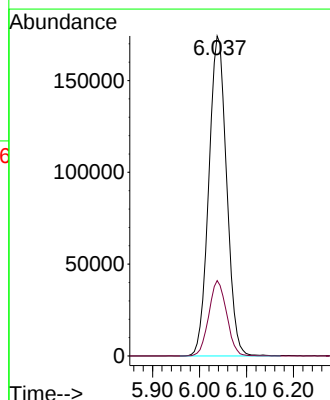
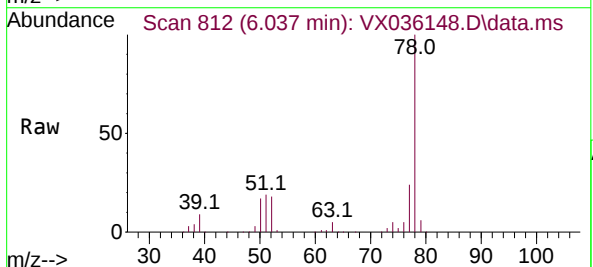
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

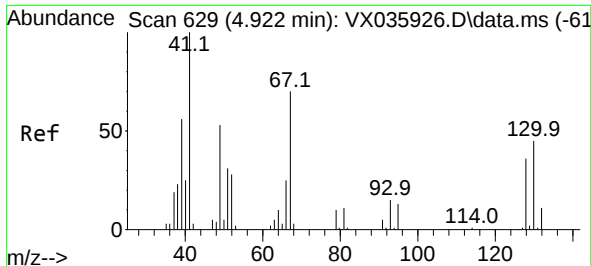
Tgt Ion: 83 Resp: 156568
Ion Ratio Lower Upper
83 100
55 83.1 64.9 97.3
98 48.2 38.1 57.1



#40
Benzene
Concen: 49.321 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 78 Resp: 458735
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



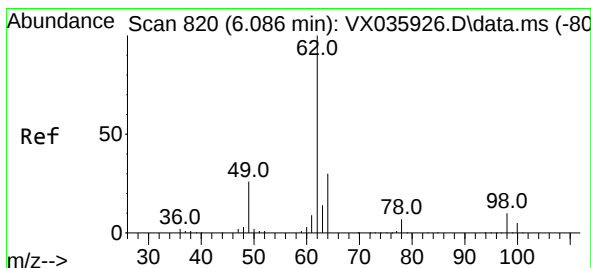
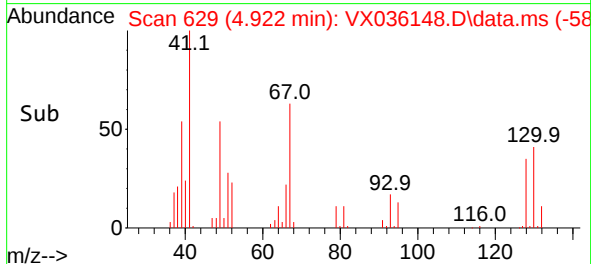
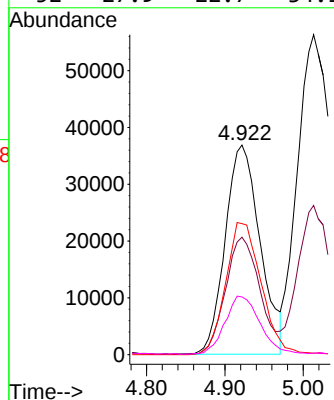
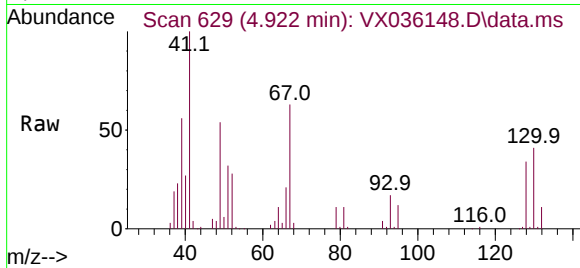


#41
Methacrylonitrile
Concen: 58.354 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion: 41 Resp: 114252

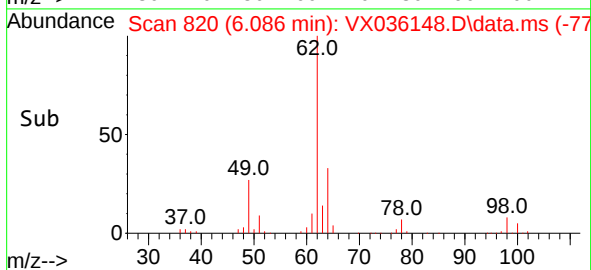
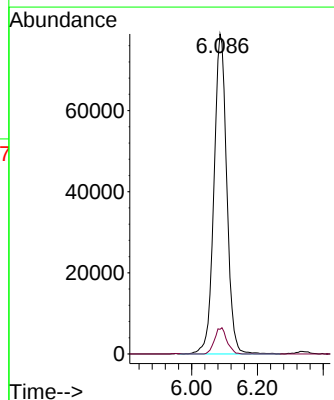
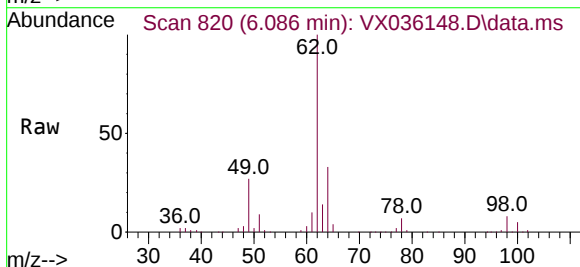
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.6	68.4
67	64.3	51.8	77.6
52	27.9	22.7	34.1

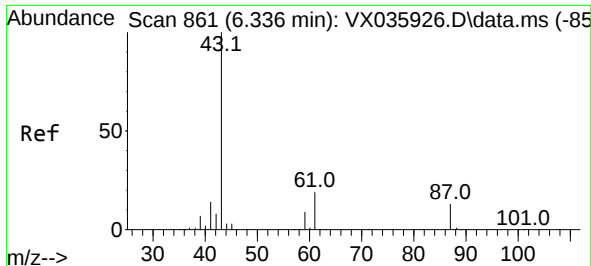


#42
1,2-Dichloroethane
Concen: 57.917 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 62 Resp: 213325

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 55.153 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

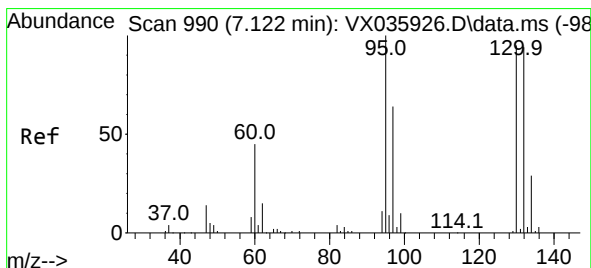
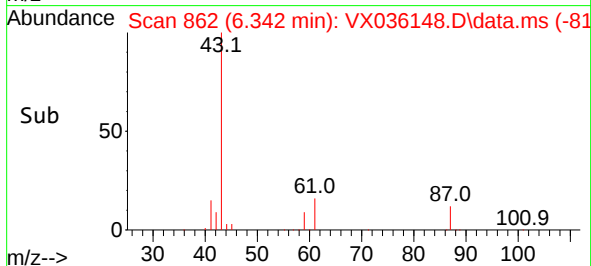
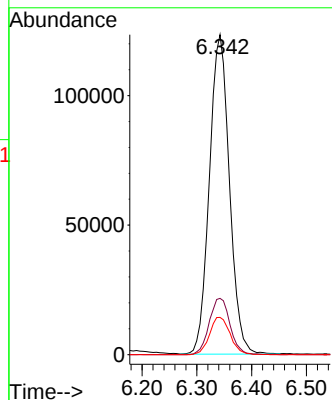
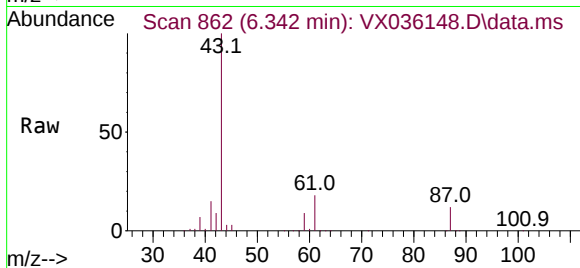
Tgt Ion: 43 Resp: 312988

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.4

87 12.1 9.9 14.9



#44

Trichloroethene

Concen: 75.609 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036148.D

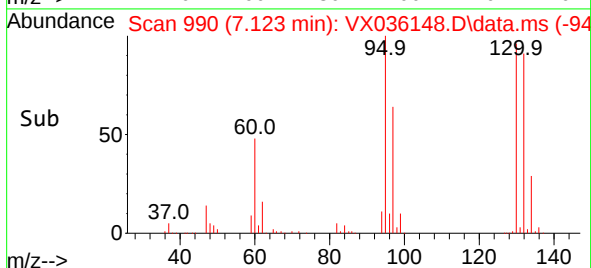
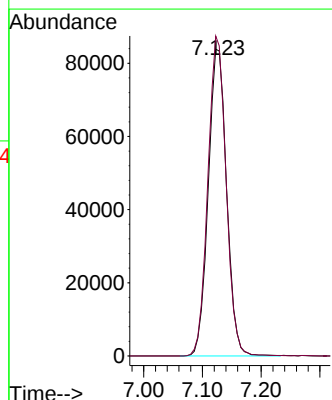
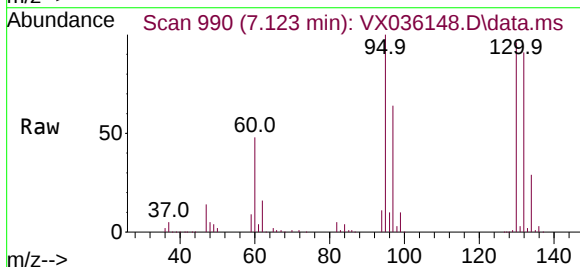
Acq: 13 Jun 2023 16:49

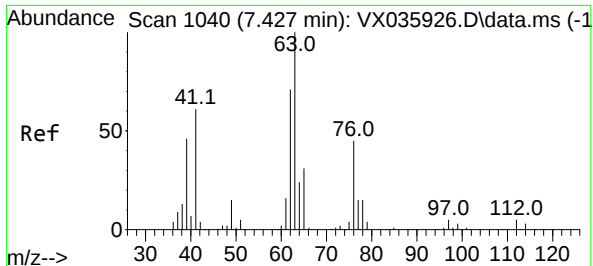
Tgt Ion:130 Resp: 182429

Ion Ratio Lower Upper

130 100

95 104.3 0.0 207.6





#45

1,2-Dichloropropane

Concen: 50.636 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

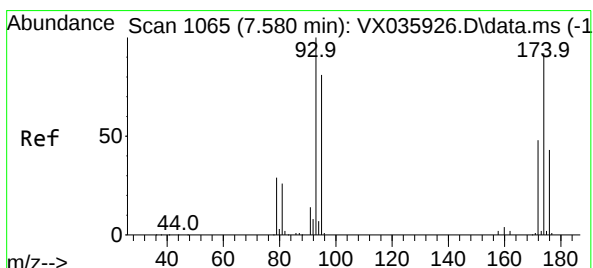
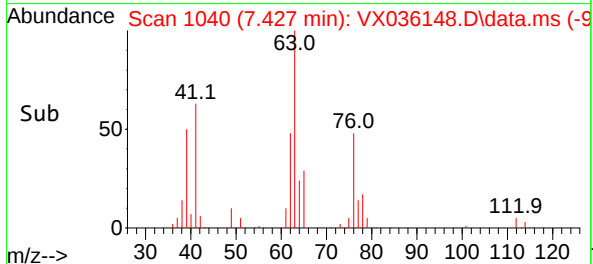
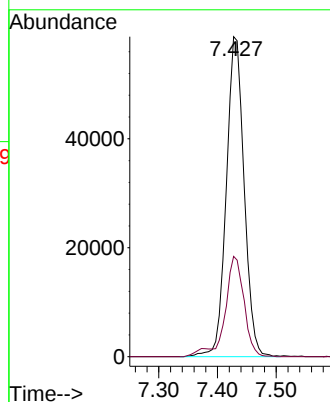
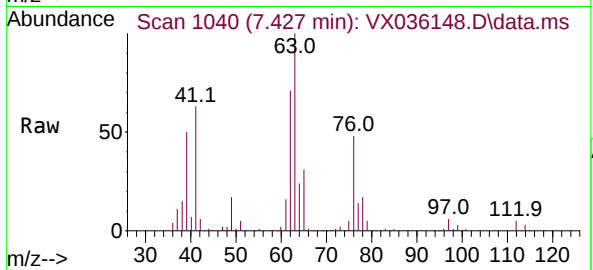
OW-06B-74-79-061223MSD

Tgt Ion: 63 Resp: 123959

Ion Ratio Lower Upper

63 100

65 31.3 24.8 37.2



#46

Dibromomethane

Concen: 52.002 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

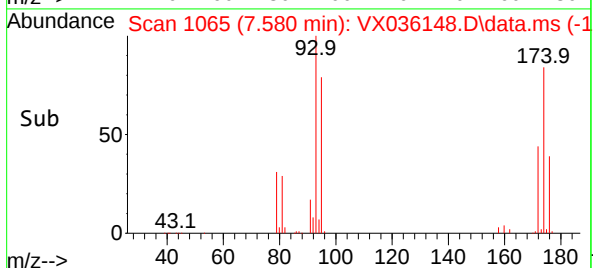
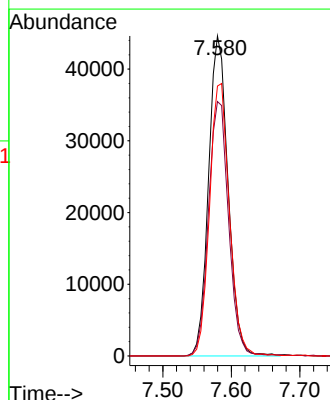
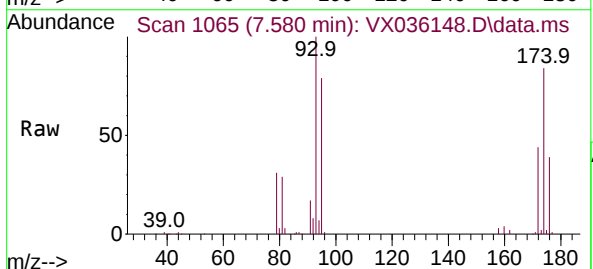
Tgt Ion: 93 Resp: 88432

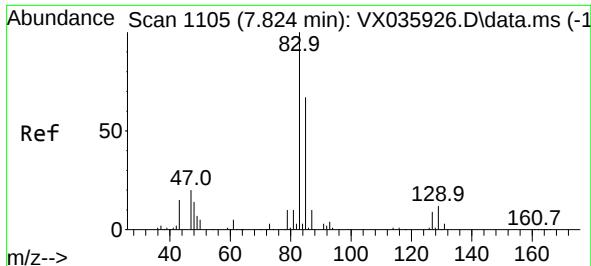
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.2

174 86.5 69.5 104.3

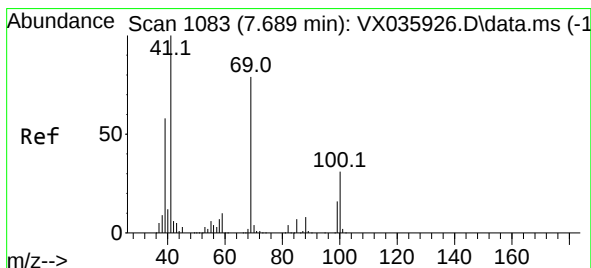
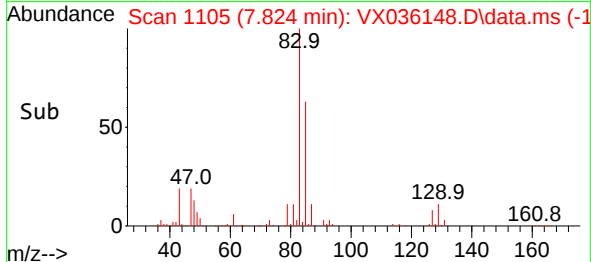
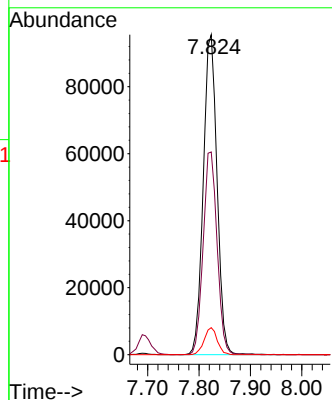
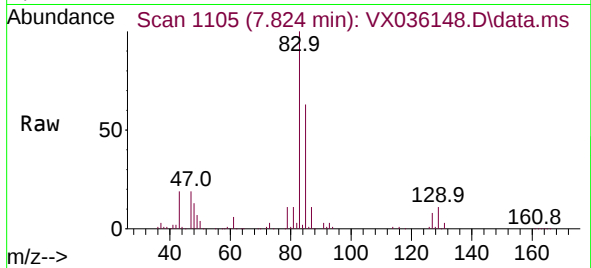




#47
Bromodichloromethane
Concen: 55.421 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

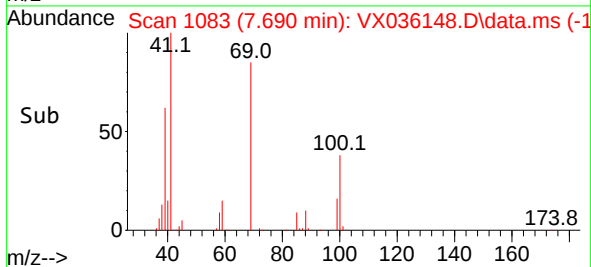
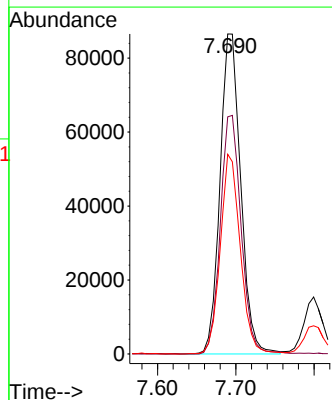
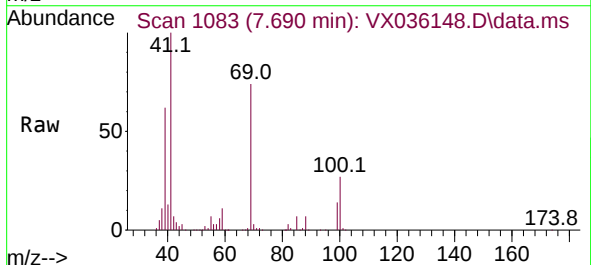
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

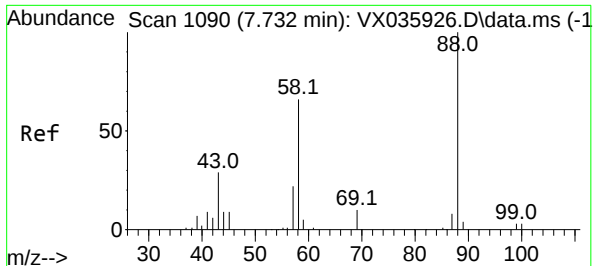
Tgt Ion: 83 Resp: 177281
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 57.197 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 41 Resp: 159178
Ion Ratio Lower Upper
41 100
69 74.7 59.0 88.6
39 60.5 48.4 72.6





#49

1,4-Dioxane

Concen: 856.133 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

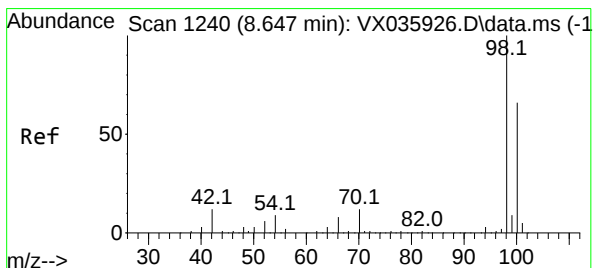
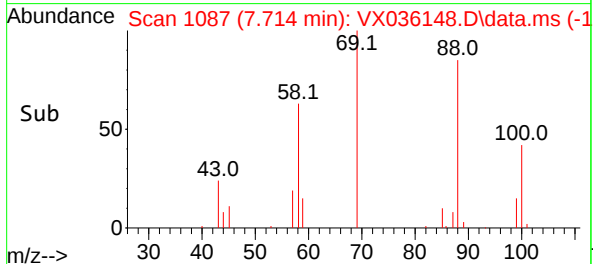
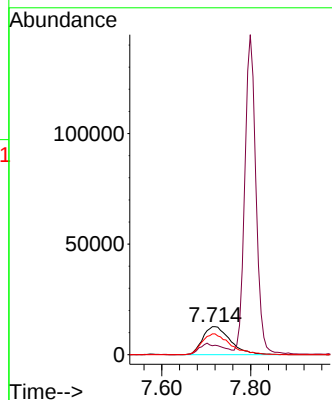
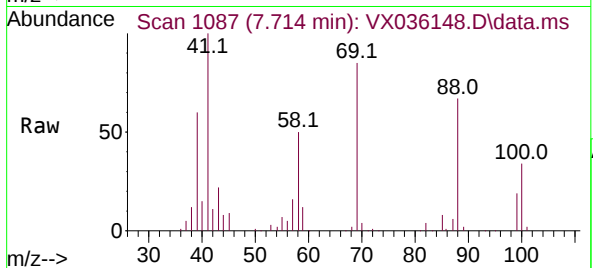
Tgt Ion: 88 Resp: 54568

Ion Ratio Lower Upper

88 100

43 35.5 27.4 41.0

58 76.6 58.9 88.3



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036148.D

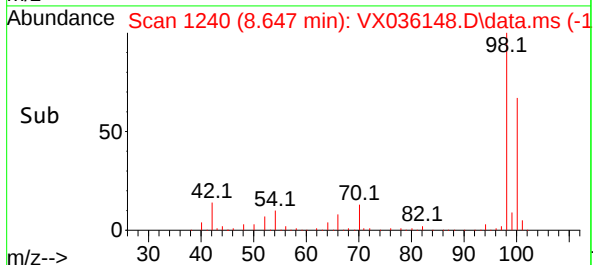
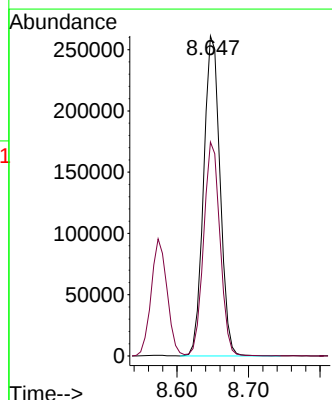
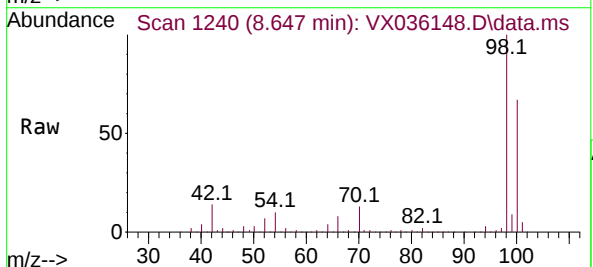
Acq: 13 Jun 2023 16:49

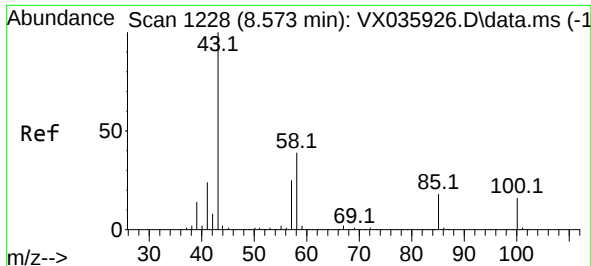
Tgt Ion: 98 Resp: 417374

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0

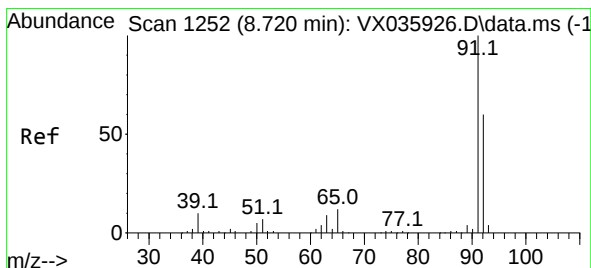
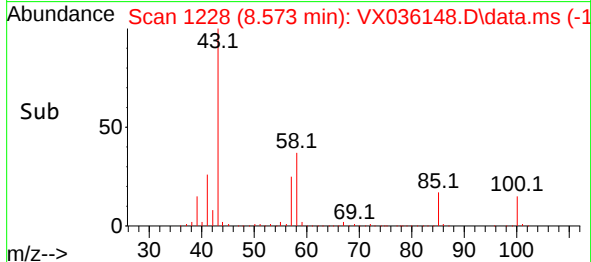
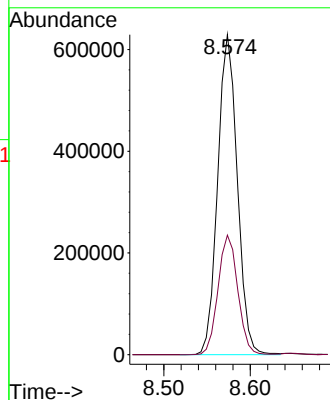
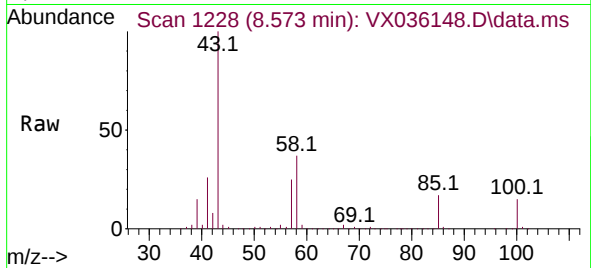




#51
4-Methyl-2-Pentanone
Concen: 285.610 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

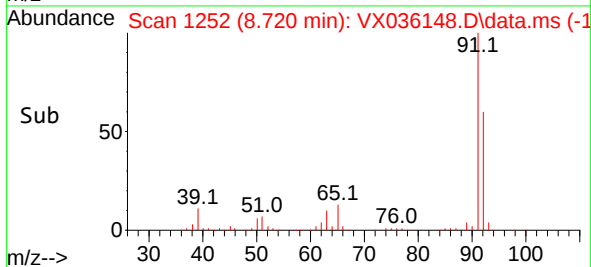
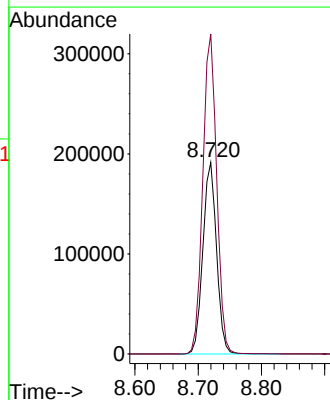
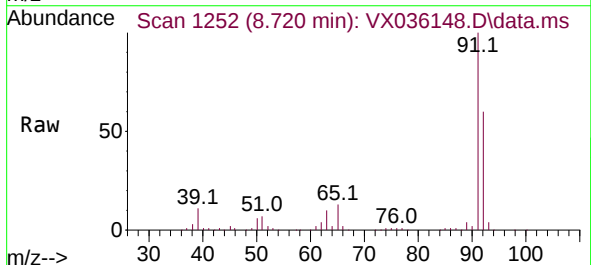
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

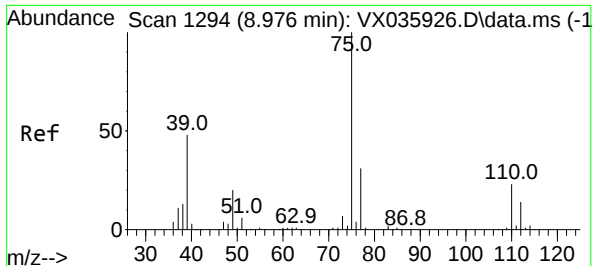
Tgt Ion: 43 Resp: 989360
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1



#52
Toluene
Concen: 49.340 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 92 Resp: 288519
Ion Ratio Lower Upper
92 100
91 169.4 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 55.204 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

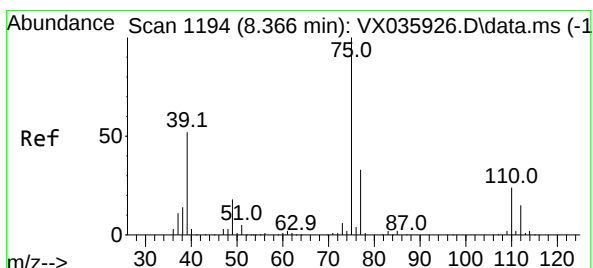
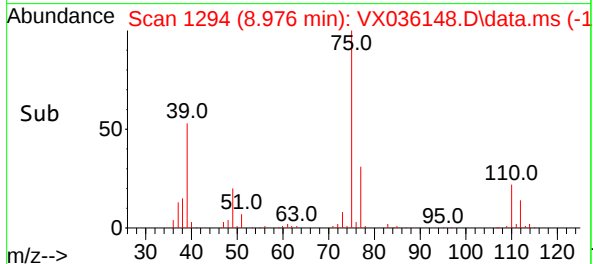
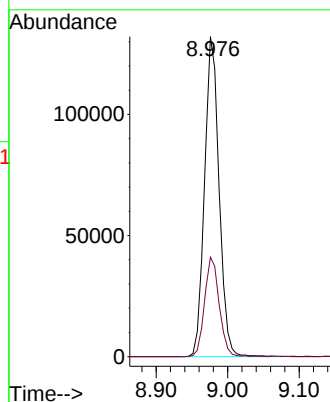
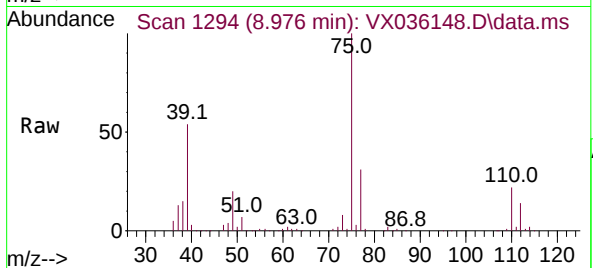
OW-06B-74-79-061223MSD

Tgt Ion: 75 Resp: 186669

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.731 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

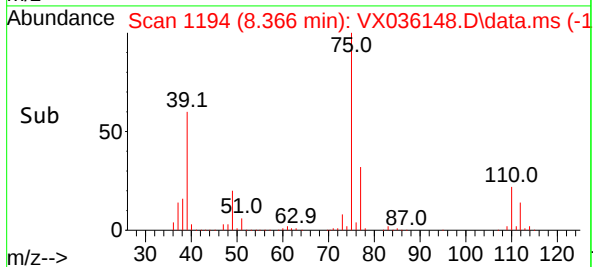
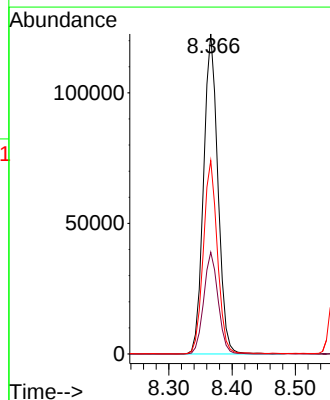
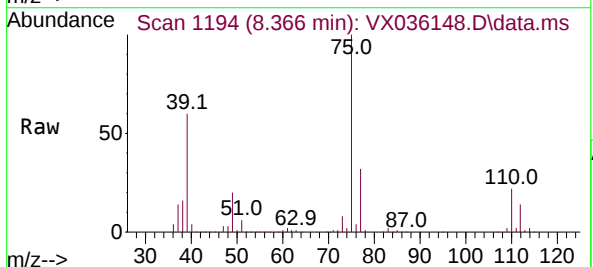
Tgt Ion: 75 Resp: 193167

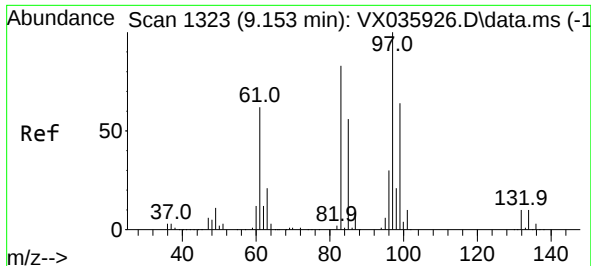
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 60.4 47.0 70.6

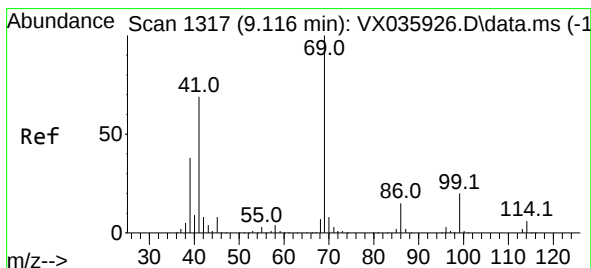
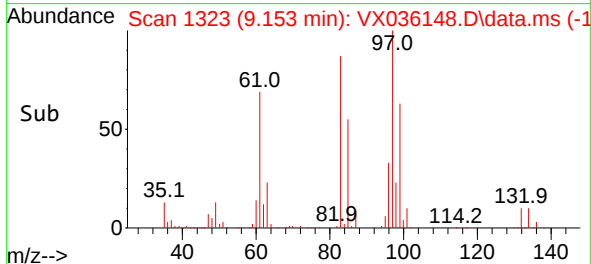
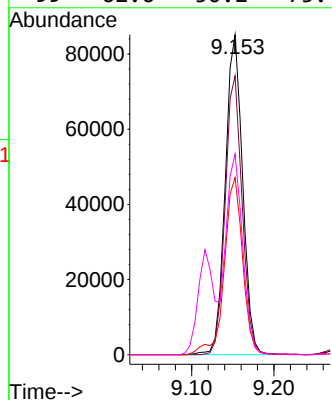
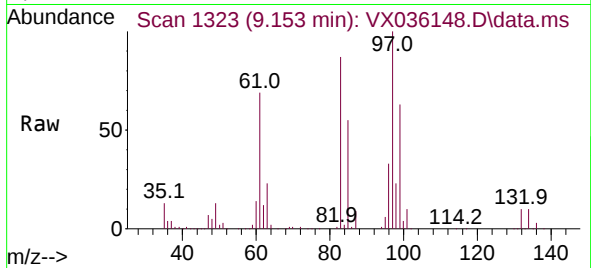




#55
1,1,2-Trichloroethane
Concen: 51.315 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

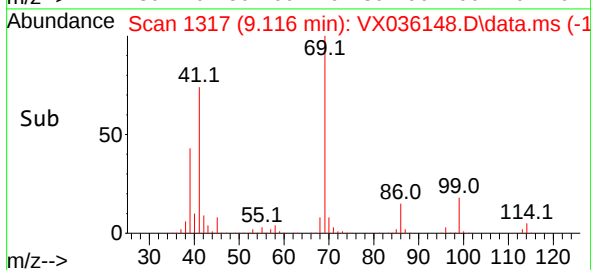
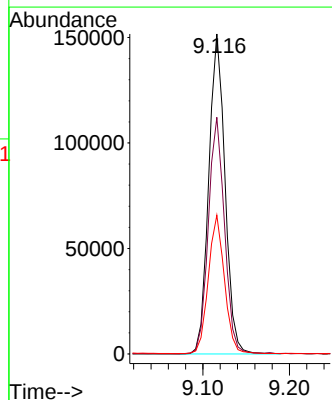
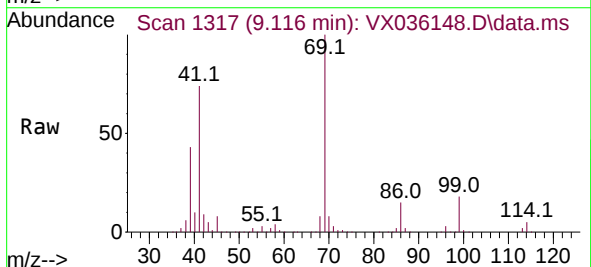
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

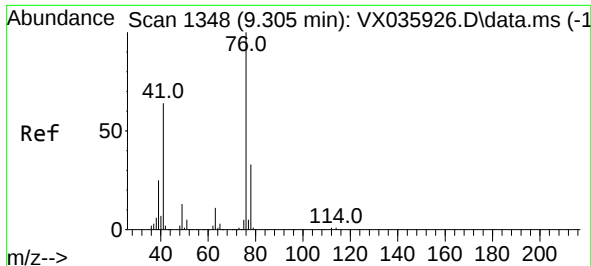
Tgt Ion:	97	Resp:	125018
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.3	102.5
85	55.4	44.2	66.2
99	62.6	50.2	75.4



#56
Ethyl methacrylate
Concen: 54.430 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:	69	Resp:	198253
Ion	Ratio	Lower	Upper
69	100		
41	73.1	58.9	88.3
39	42.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.919 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

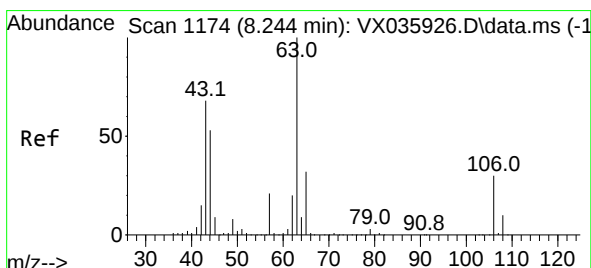
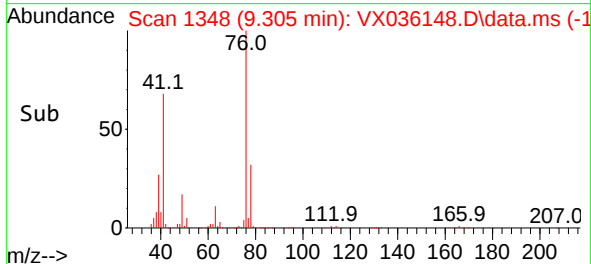
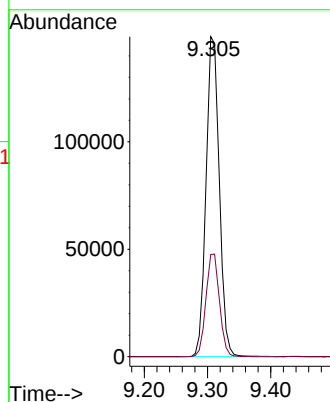
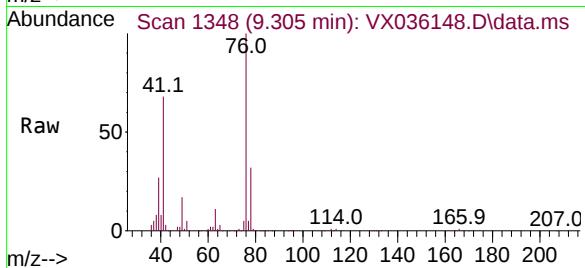
OW-06B-74-79-061223MSD

Tgt Ion: 76 Resp: 217683

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.637 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.122 min

Lab File: VX036148.D

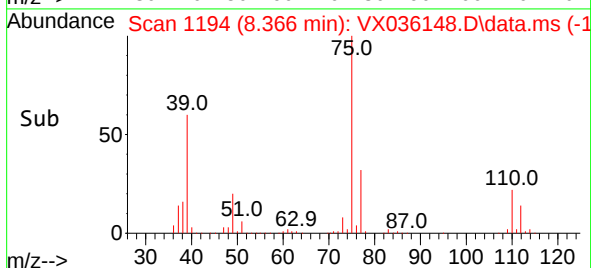
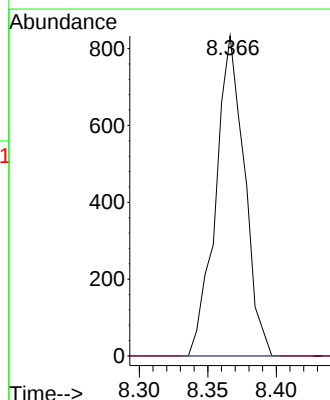
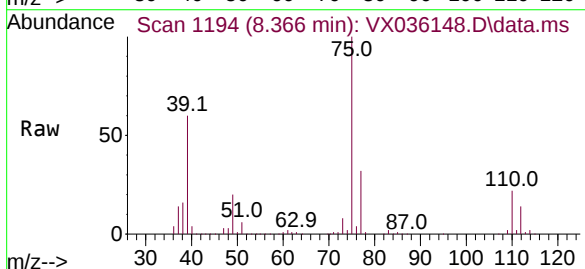
Acq: 13 Jun 2023 16:49

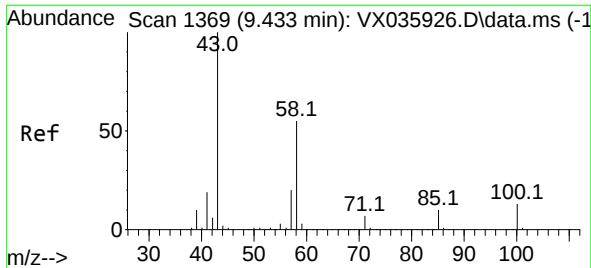
Tgt Ion: 63 Resp: 1215

Ion Ratio Lower Upper

63 100

106 0.0 22.3 33.5#

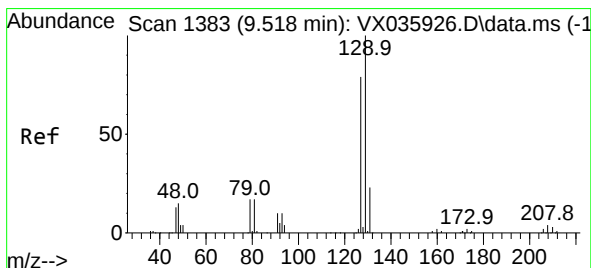
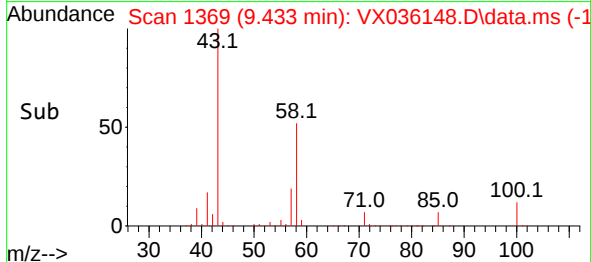
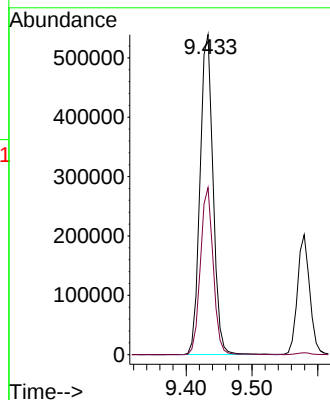
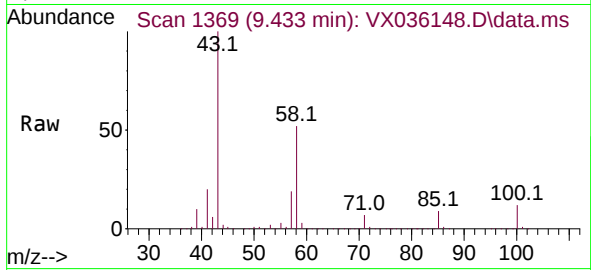




#59
2-Hexanone
Concen: 290.256 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

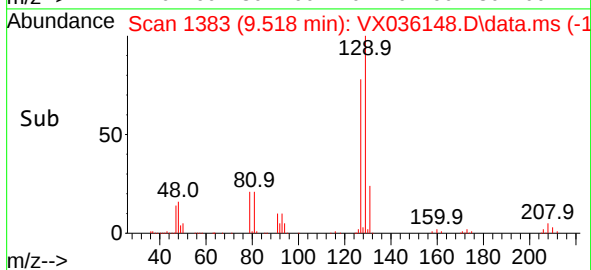
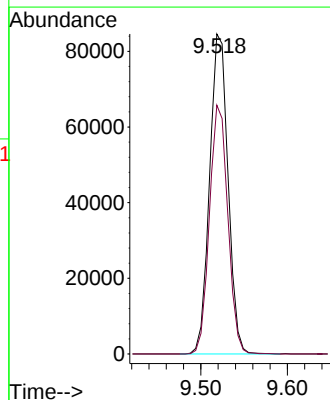
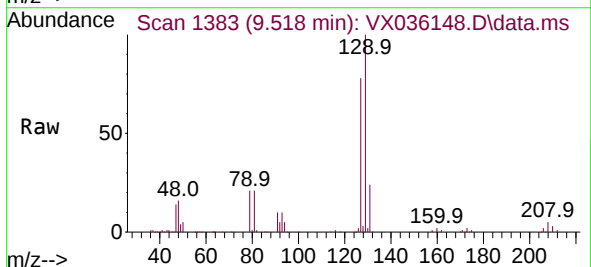
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

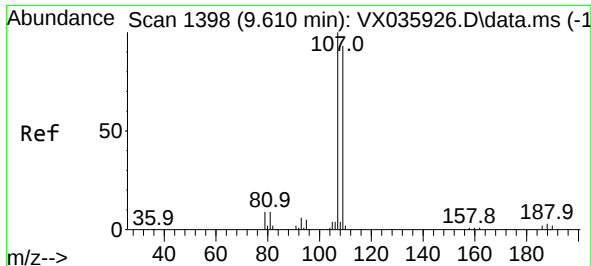
Tgt Ion: 43 Resp: 743342
Ion Ratio Lower Upper
43 100
58 51.4 26.3 78.8



#60
Dibromochloromethane
Concen: 52.808 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 129 Resp: 124894
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1

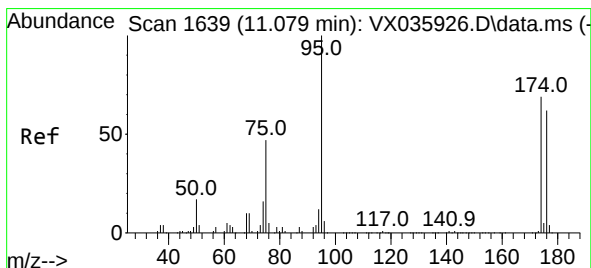
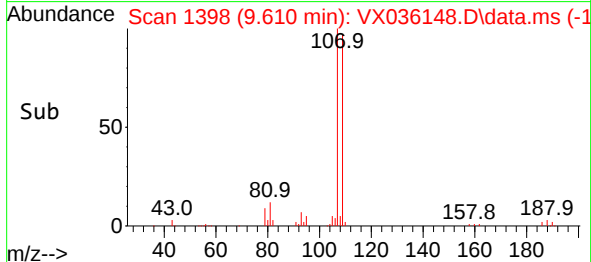
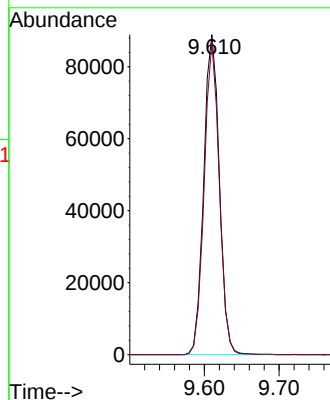
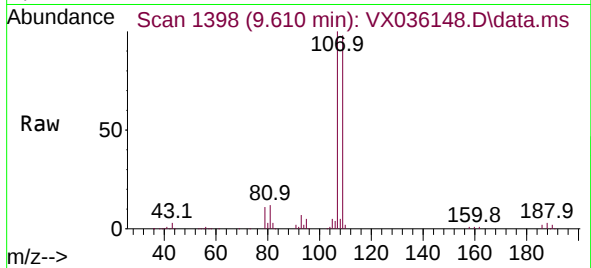




#61
1,2-Dibromoethane
Concen: 51.699 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

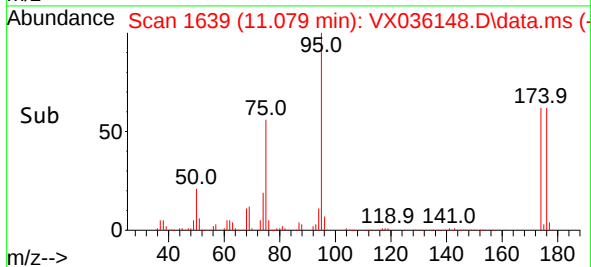
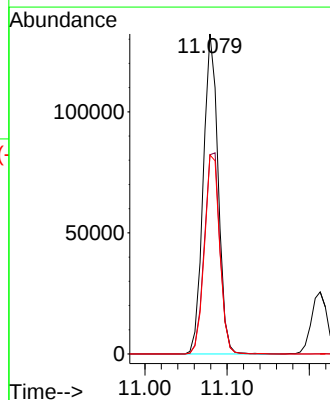
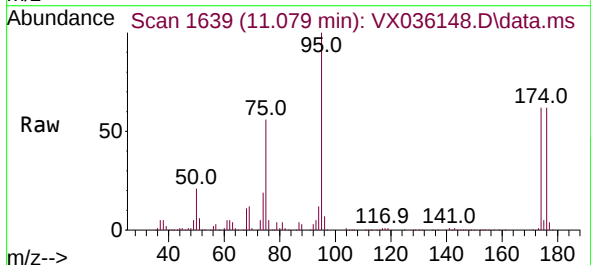
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

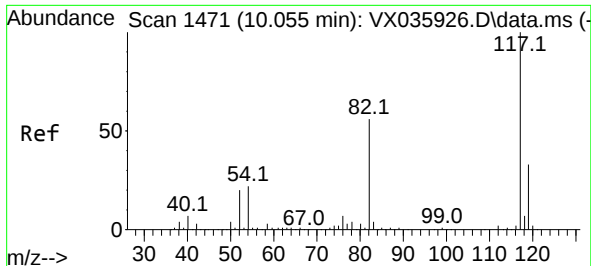
Tgt Ion:107 Resp: 128763
Ion Ratio Lower Upper
107 100
109 94.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 95 Resp: 165786
Ion Ratio Lower Upper
95 100
174 65.8 0.0 132.6
176 63.8 0.0 128.0

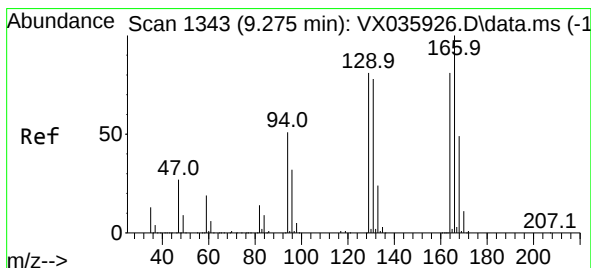
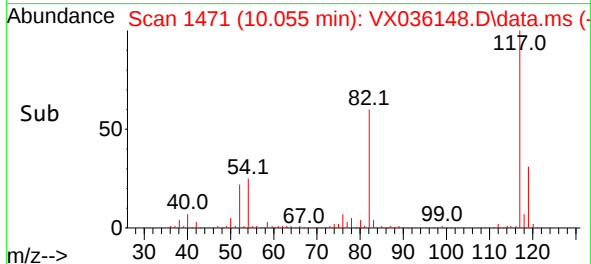
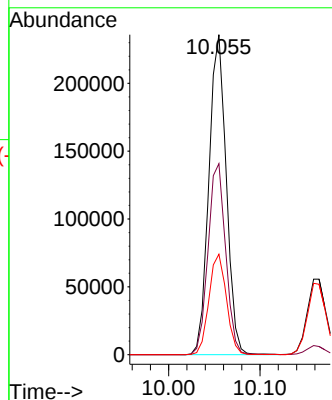
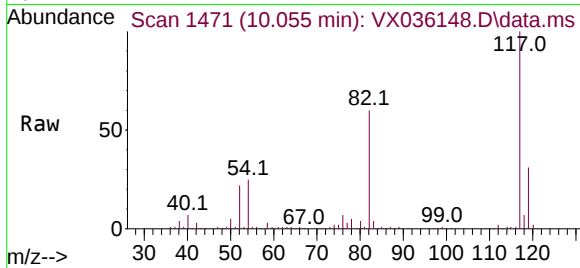




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

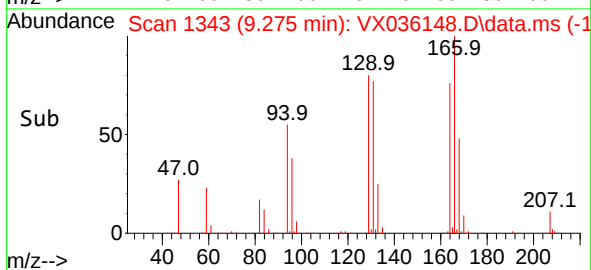
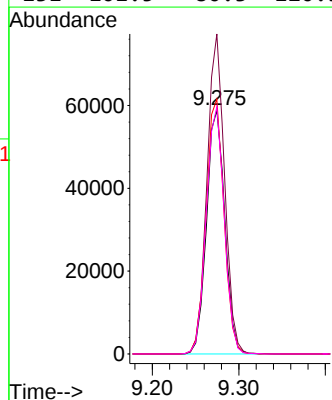
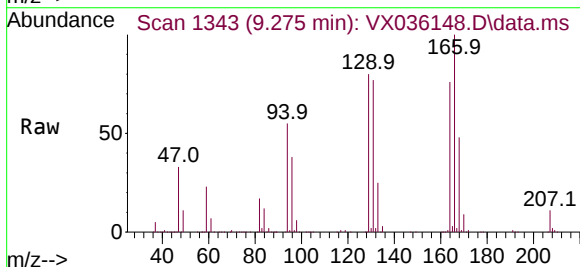
Instrument : MSVOA_X
ClientSampleId : OW-06B-74-79-061223MSD

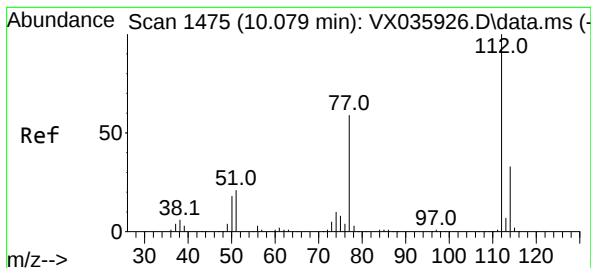
Tgt Ion:117 Resp: 310623
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 44.077 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:164 Resp: 86038
Ion Ratio Lower Upper
164 100
166 131.4 104.4 156.6
129 104.7 82.0 123.0
131 101.5 80.3 120.5





#65

Chlorobenzene

Concen: 49.147 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

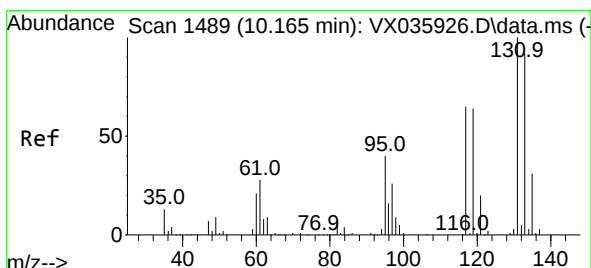
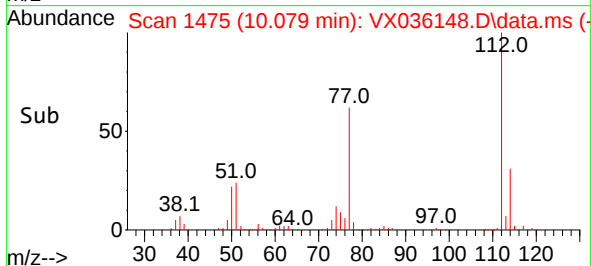
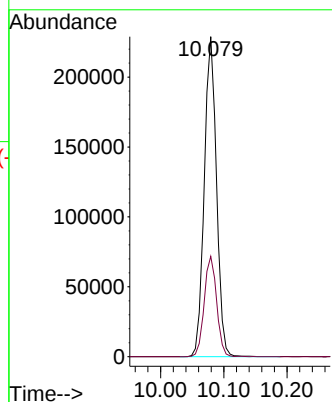
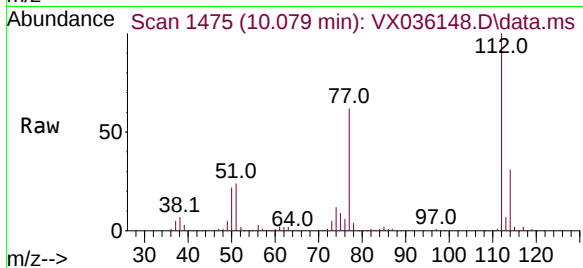
OW-06B-74-79-061223MSD

Tgt Ion:112 Resp: 308036

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 53.728 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.005 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

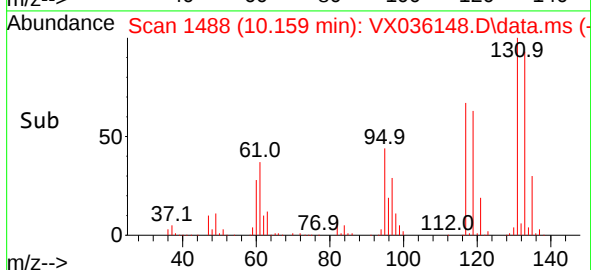
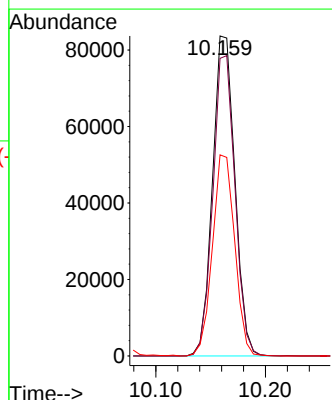
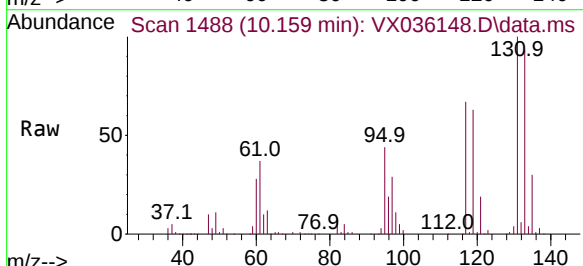
Tgt Ion:131 Resp: 118438

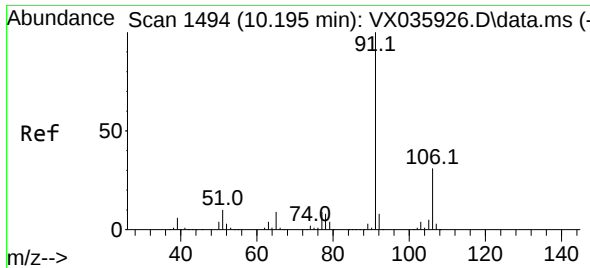
Ion Ratio Lower Upper

131 100

133 93.2 48.1 144.3

119 62.7 32.1 96.5

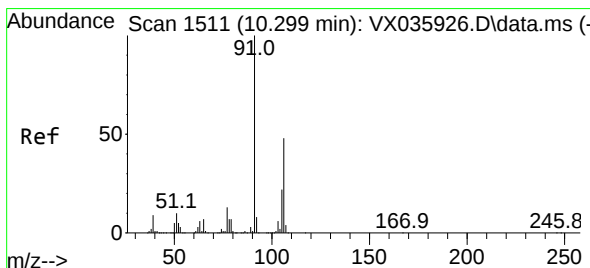
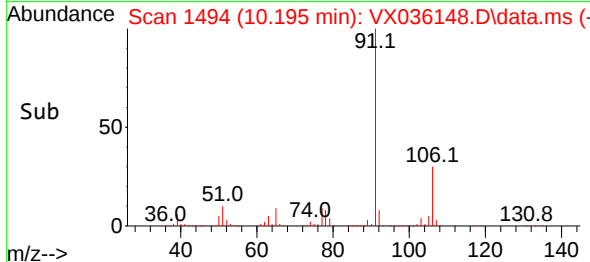
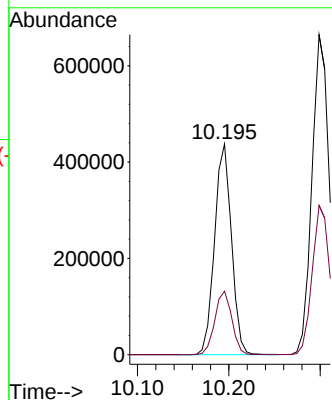
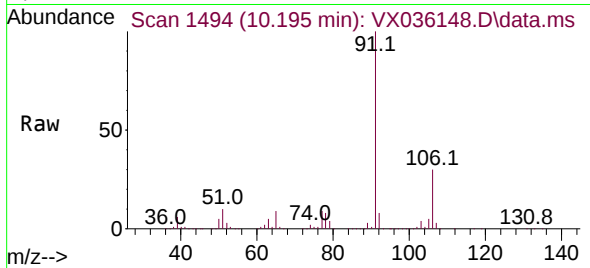




#67
Ethyl Benzene
Concen: 50.290 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

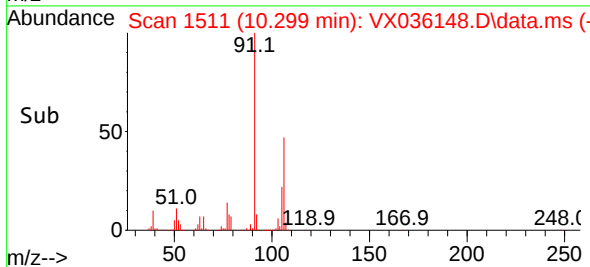
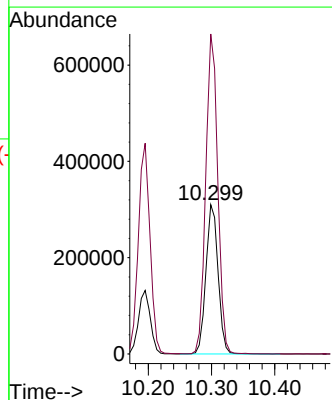
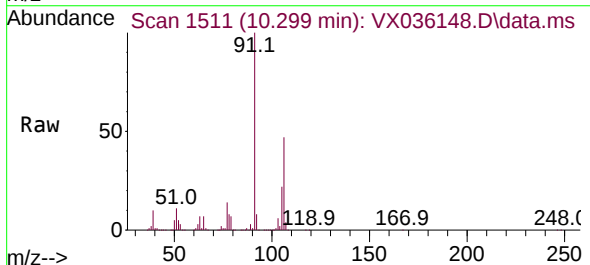
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

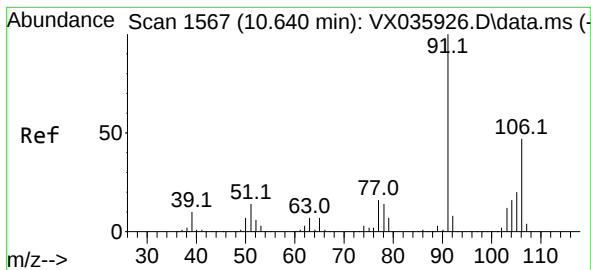
Tgt Ion: 91 Resp: 560981
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 97.882 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 106 Resp: 414226
Ion Ratio Lower Upper
106 100
91 212.3 169.8 254.8





#69

o-Xylene

Concen: 48.846 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

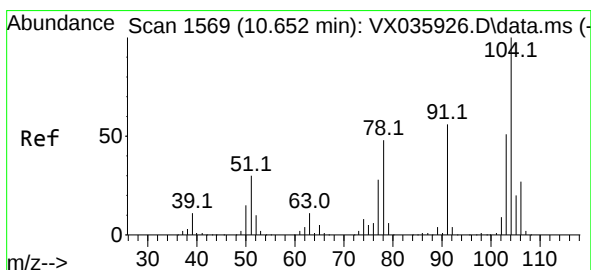
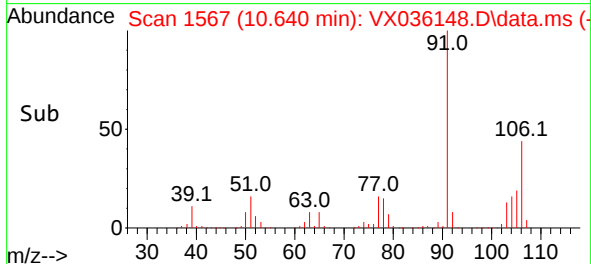
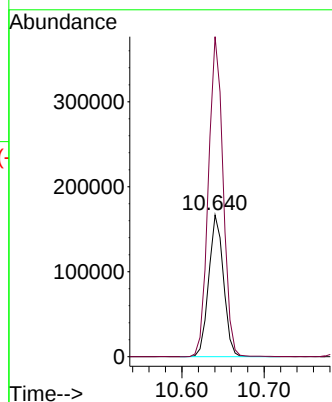
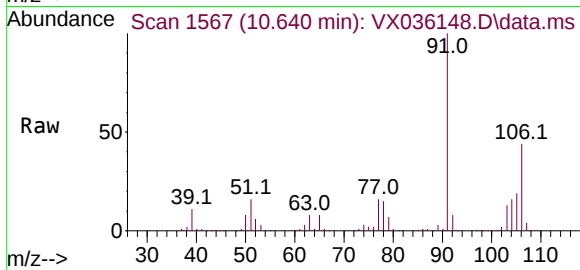
OW-06B-74-79-061223MSD

Tgt Ion:106 Resp: 207720

Ion Ratio Lower Upper

106 100

91 225.1 112.5 337.4



#70

Styrene

Concen: 51.013 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

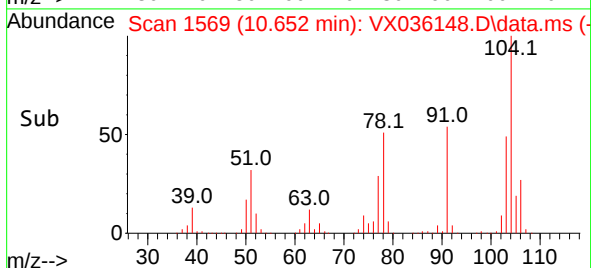
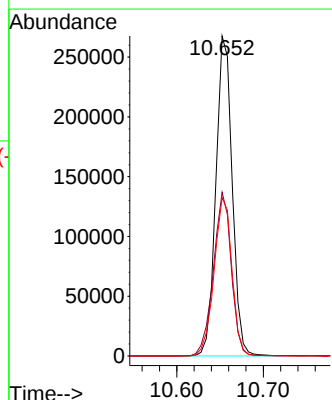
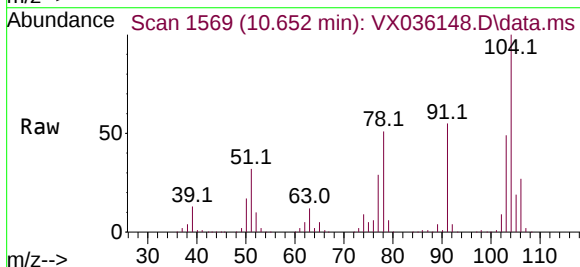
Tgt Ion:104 Resp: 350527

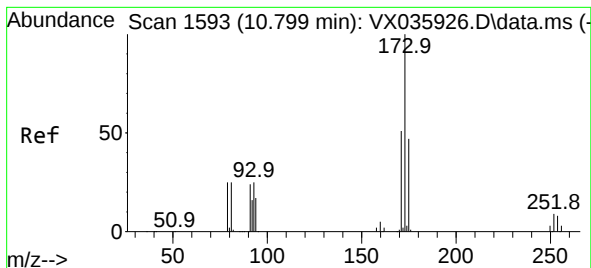
Ion Ratio Lower Upper

104 100

78 56.1 44.7 67.1

103 54.2 44.0 66.0





#71

Bromoform

Concen: 51.930 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

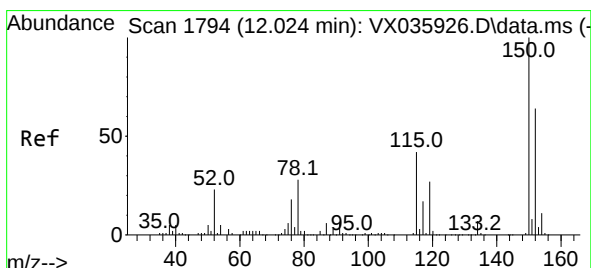
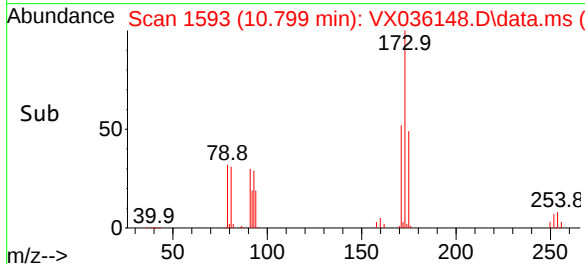
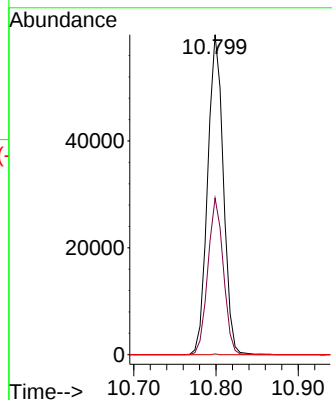
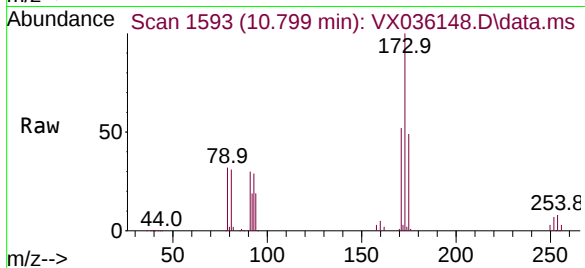
Tgt Ion:173 Resp: 79282

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

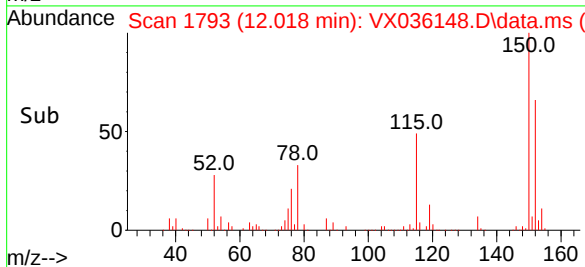
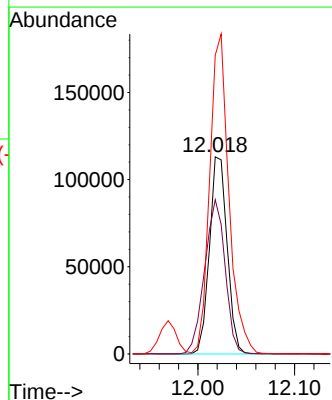
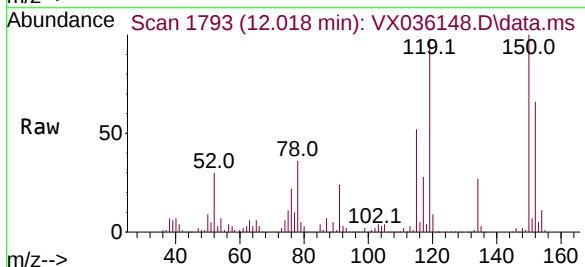
Tgt Ion:152 Resp: 144233

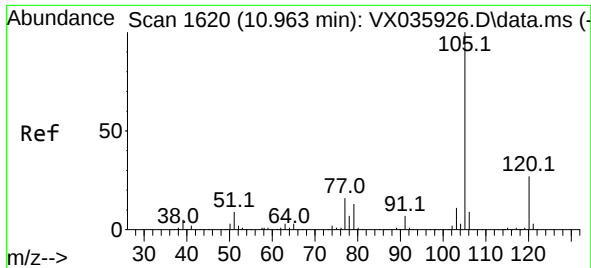
Ion Ratio Lower Upper

152 100

115 90.5 45.5 136.5

150 175.3 0.0 345.2

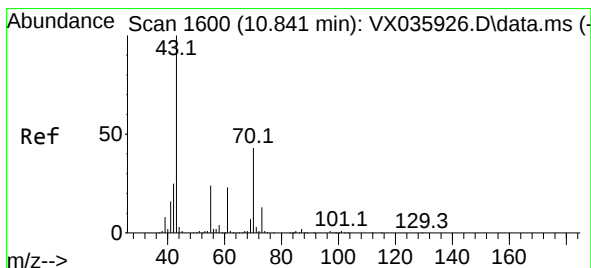
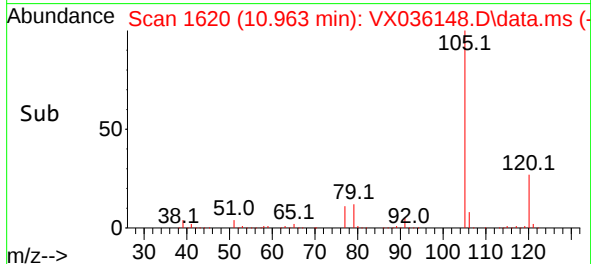
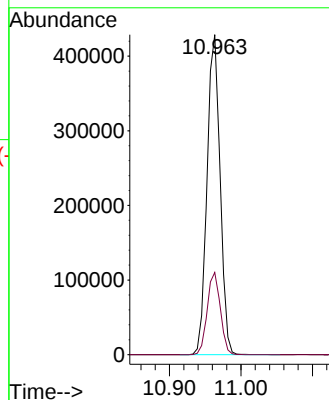
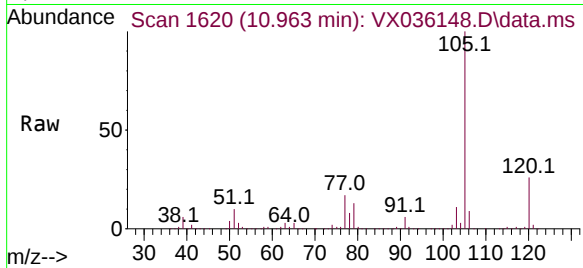




#73
Isopropylbenzene
Concen: 51.865 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

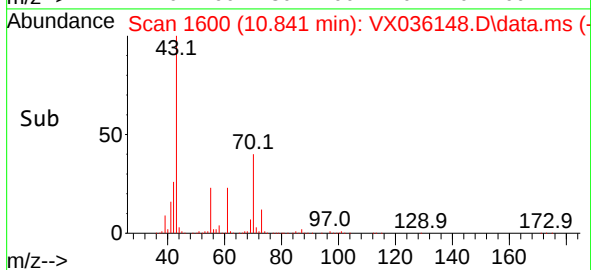
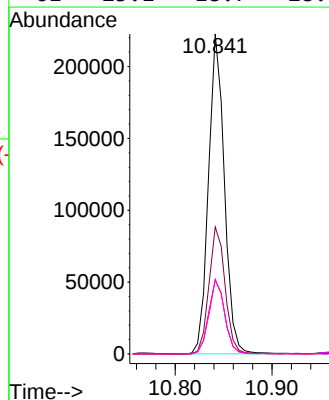
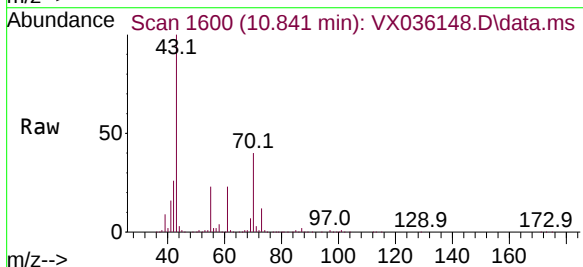
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

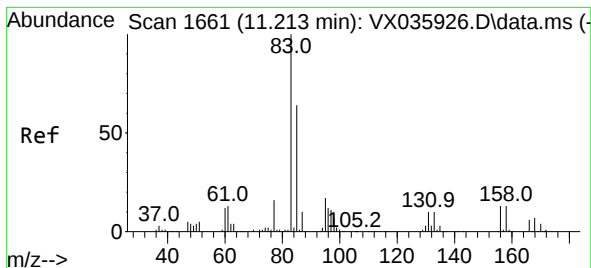
Tgt Ion:105 Resp: 543603
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0



#74
N-ethyl acetate
Concen: 55.728 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 43 Resp: 254589
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 23.7 19.0 28.4
61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.361 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

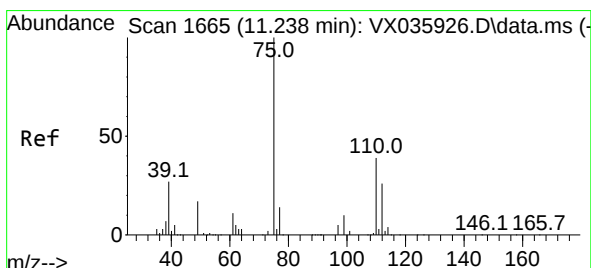
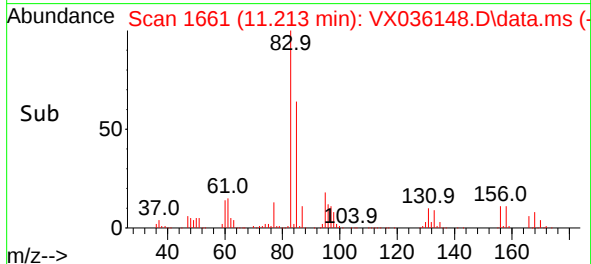
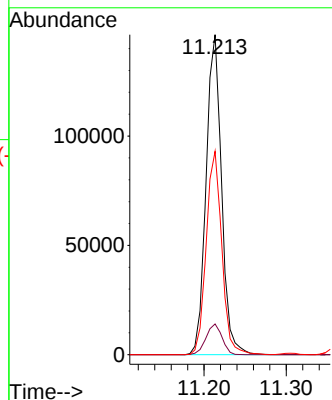
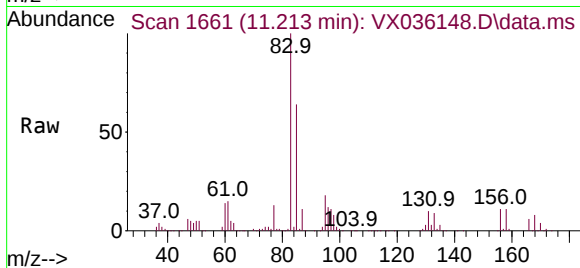
Tgt Ion: 83 Resp: 191316

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.0 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 66.016 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX036148.D

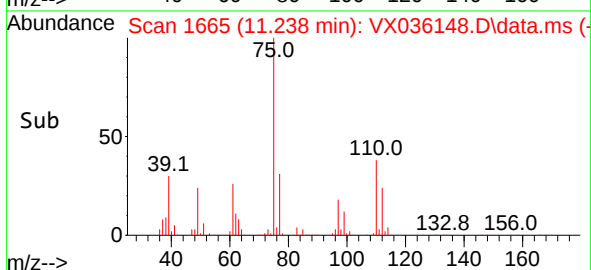
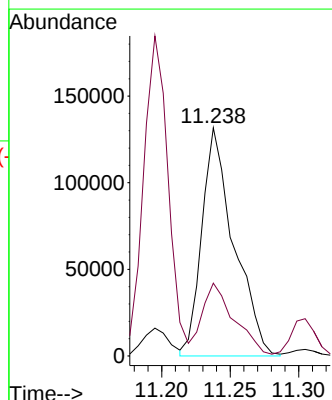
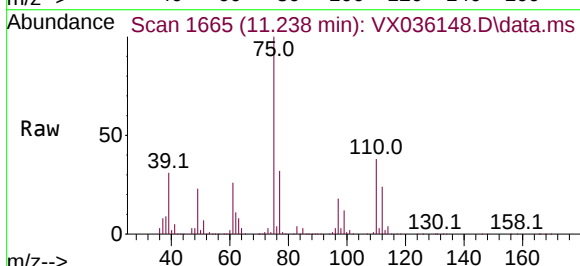
Acq: 13 Jun 2023 16:49

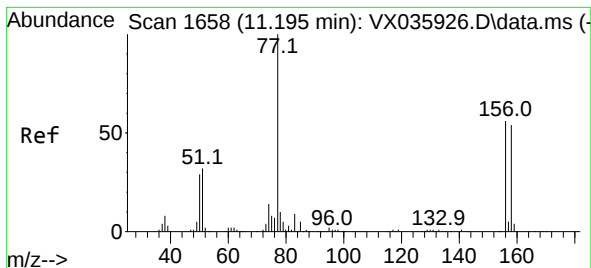
Tgt Ion: 75 Resp: 214755

Ion Ratio Lower Upper

75 100

77 32.0 21.4 64.2





#77

Bromobenzene

Concen: 47.419 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

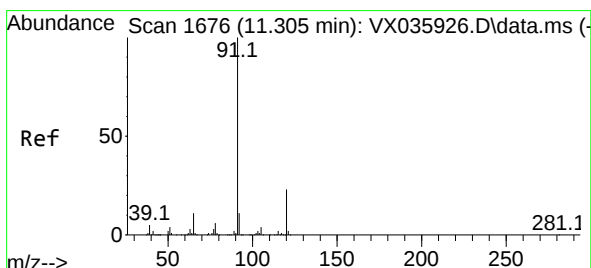
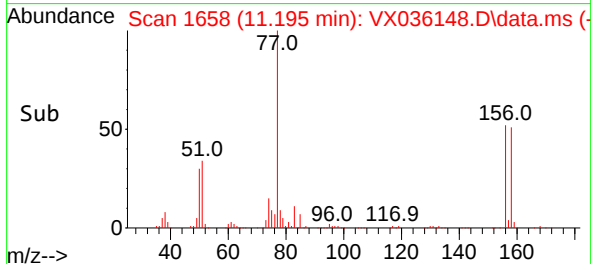
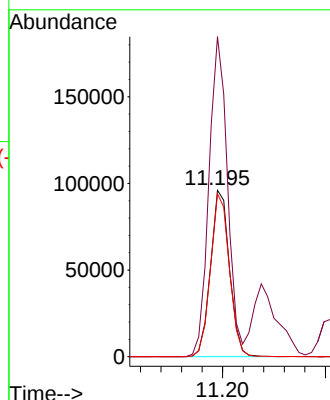
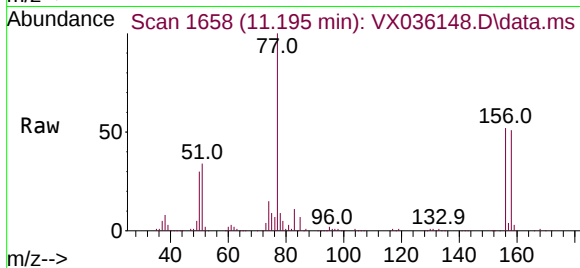
Tgt Ion:156 Resp: 122907

Ion Ratio Lower Upper

156 100

77 188.4 90.8 272.3

158 97.3 47.4 142.3



#78

n-propylbenzene

Concen: 52.659 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036148.D

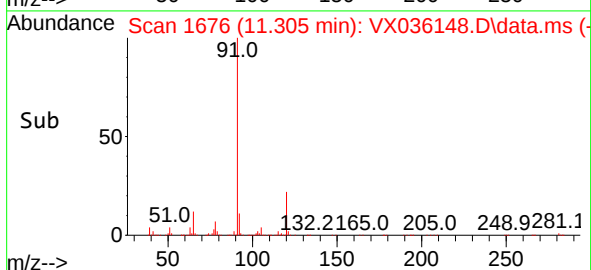
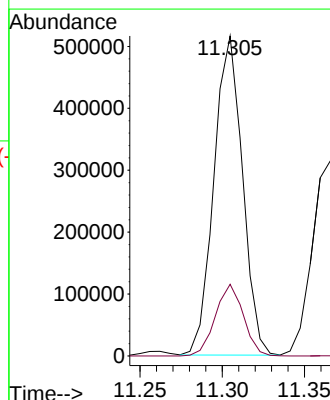
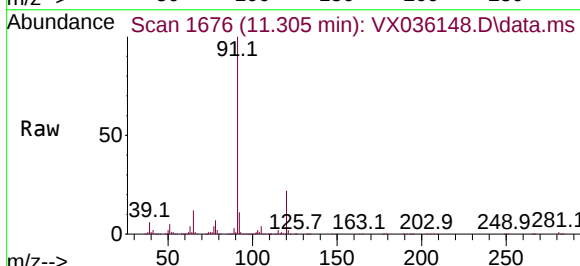
Acq: 13 Jun 2023 16:49

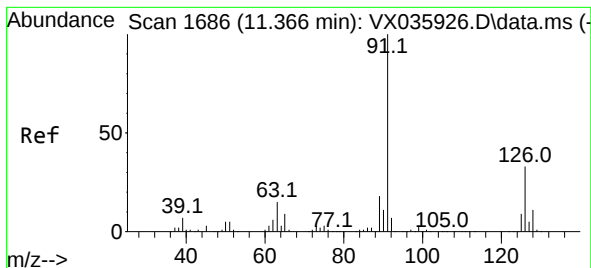
Tgt Ion: 91 Resp: 622944

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.025 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

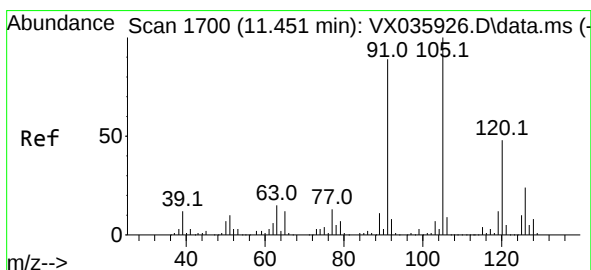
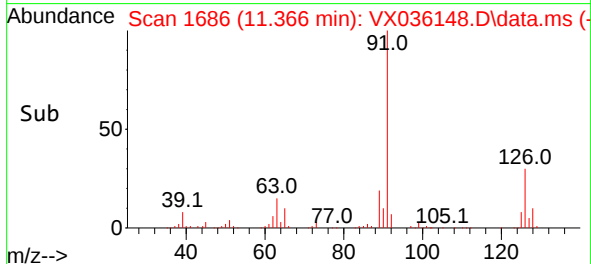
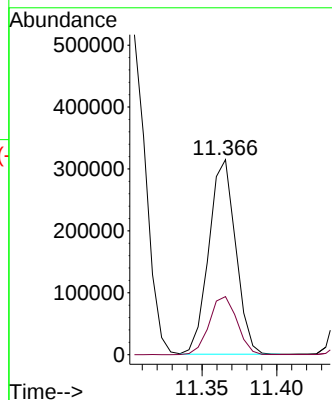
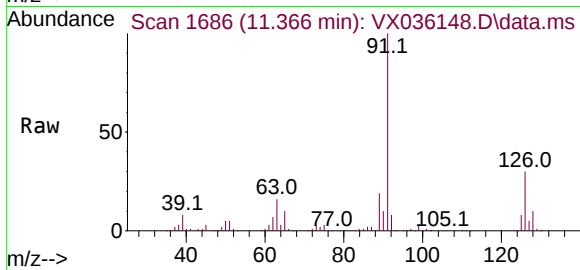
OW-06B-74-79-061223MSD

Tgt Ion: 91 Resp: 393104

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 52.014 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036148.D

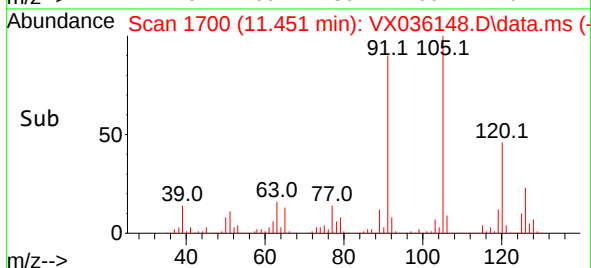
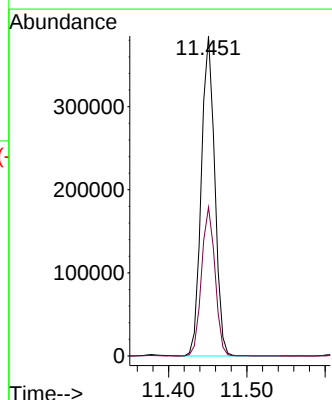
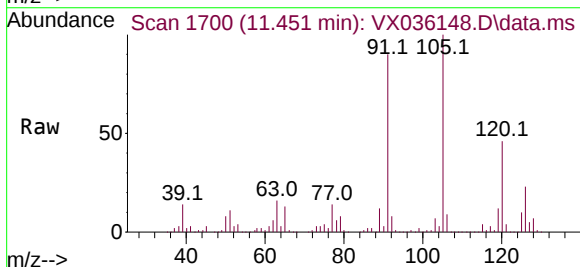
Acq: 13 Jun 2023 16:49

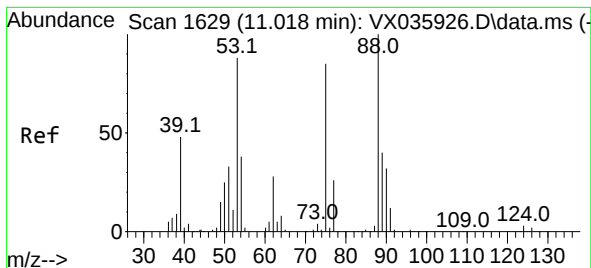
Tgt Ion:105 Resp: 459634

Ion Ratio Lower Upper

105 100

120 46.6 23.8 71.4

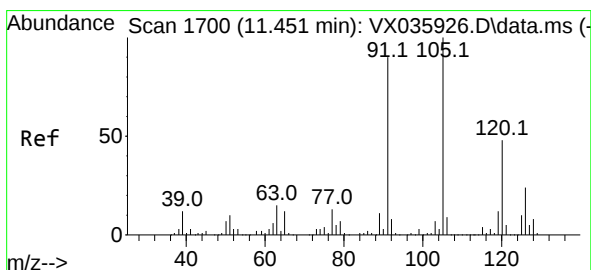
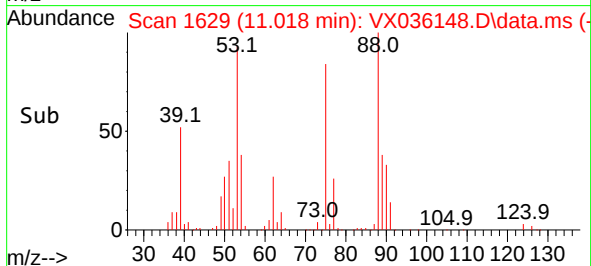
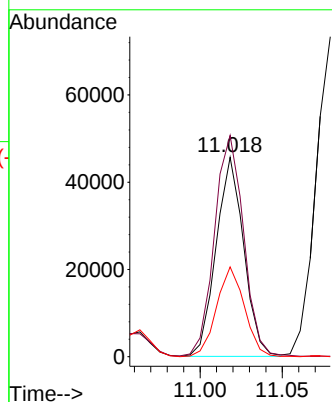
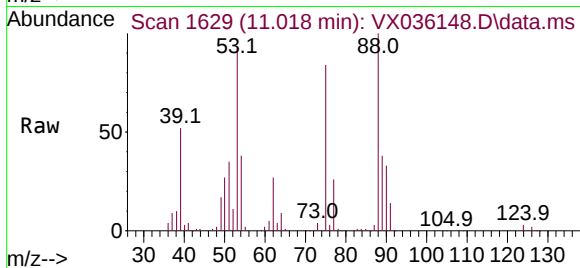




#81
trans-1,4-Dichloro-2-butene
Concen: 55.084 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

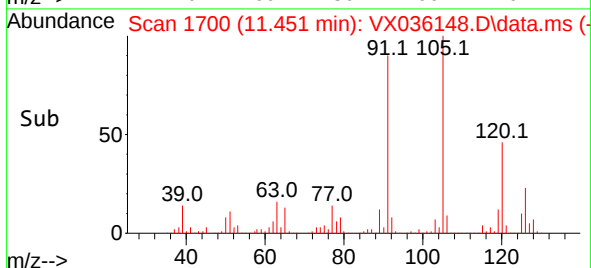
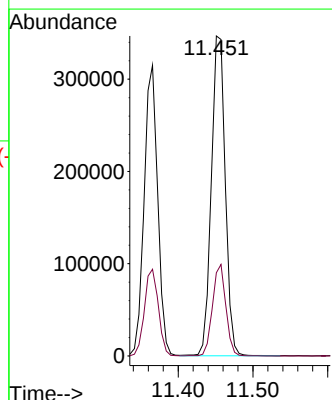
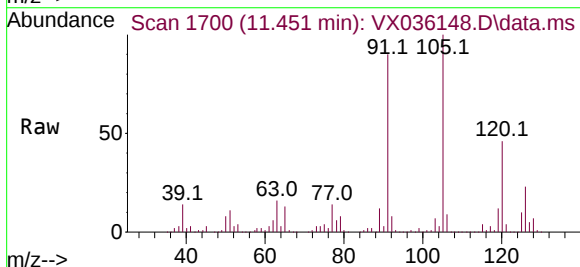
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

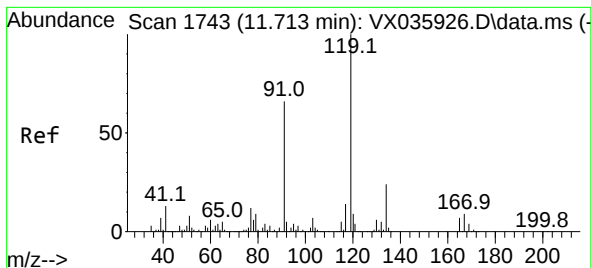
Tgt Ion: 75 Resp: 53200
Ion Ratio Lower Upper
75 100
53 117.3 95.2 142.8
89 45.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 50.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 91 Resp: 450801
Ion Ratio Lower Upper
91 100
126 27.4 13.7 41.0





#83

tert-Butylbenzene

Concen: 52.260 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

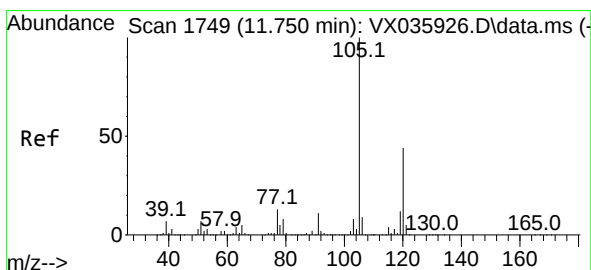
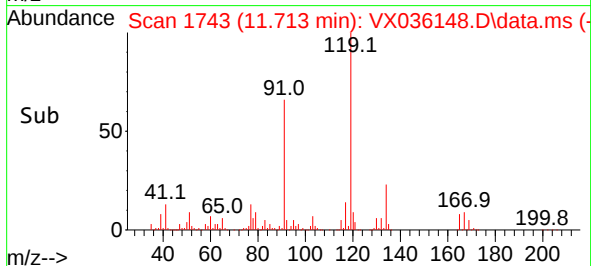
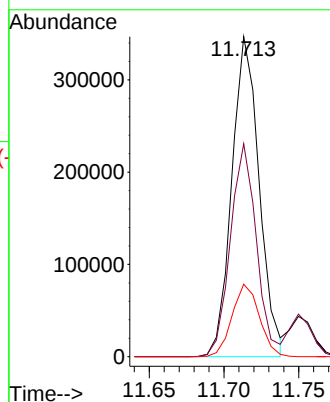
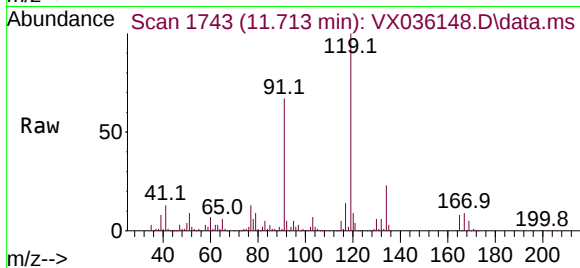
Tgt Ion:119 Resp: 441201

Ion Ratio Lower Upper

119 100

91 63.5 32.4 97.0

134 22.6 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 50.180 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036148.D

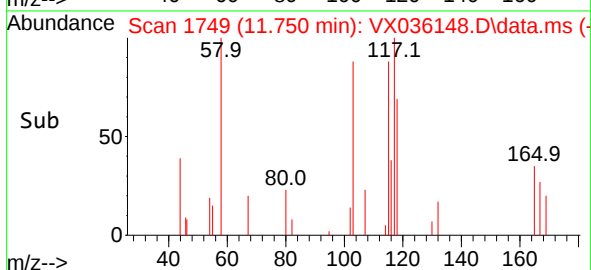
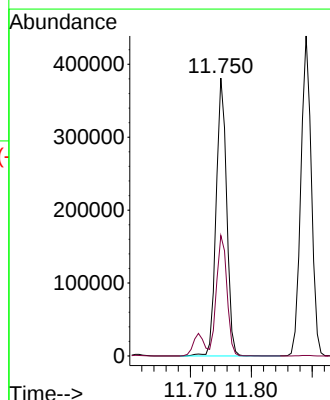
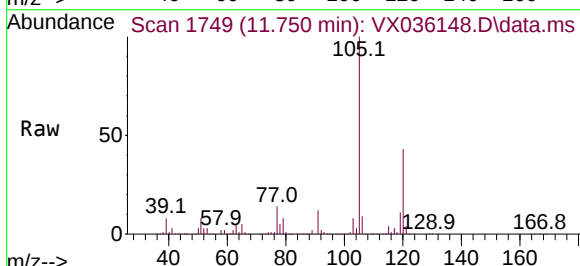
Acq: 13 Jun 2023 16:49

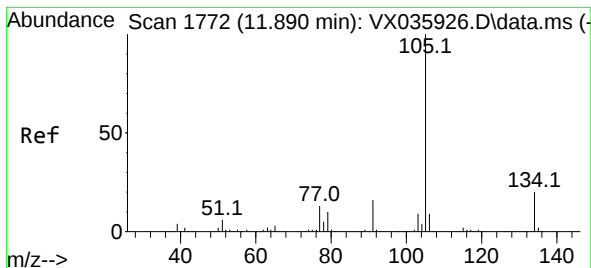
Tgt Ion:105 Resp: 455081

Ion Ratio Lower Upper

105 100

120 43.2 21.6 64.8





#85

sec-Butylbenzene

Concen: 52.313 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

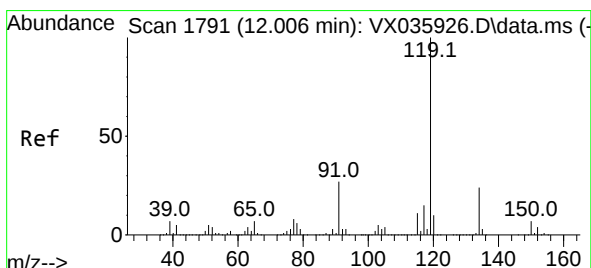
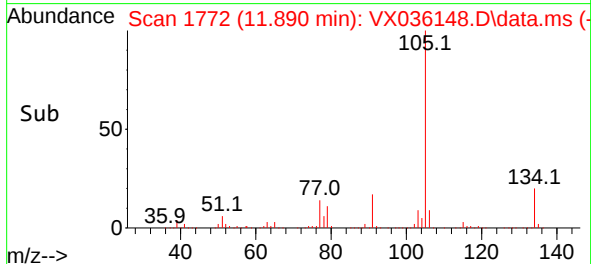
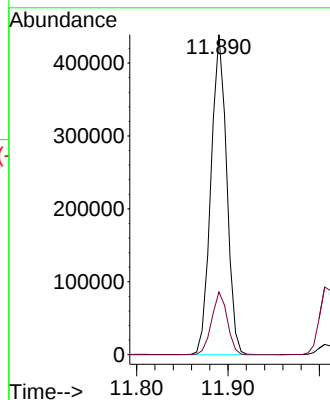
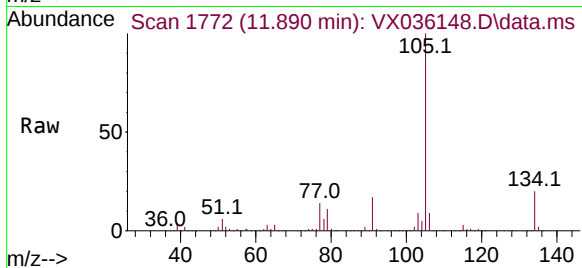
OW-06B-74-79-061223MSD

Tgt Ion:105 Resp: 523849

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.695 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

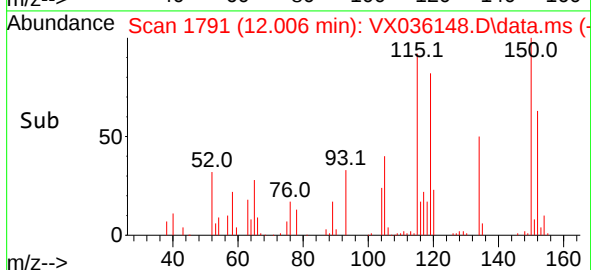
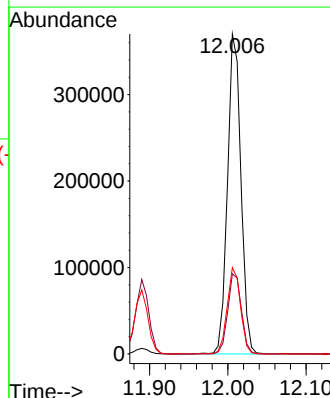
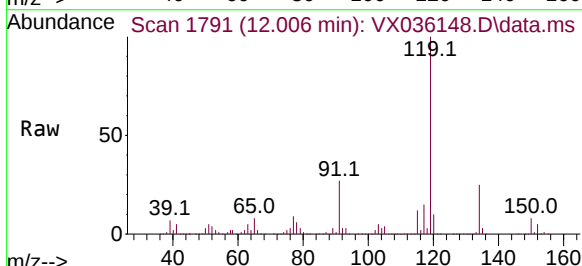
Tgt Ion:119 Resp: 442576

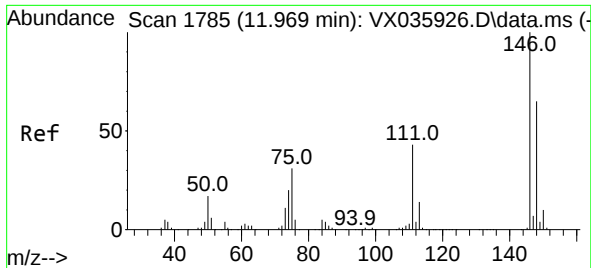
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 26.6 13.5 40.5

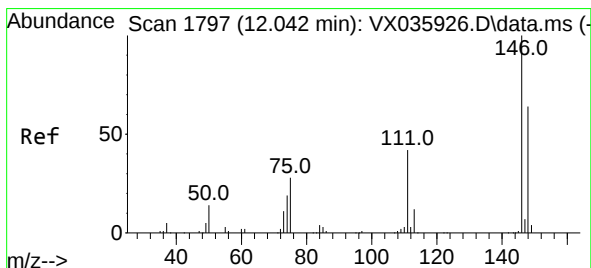
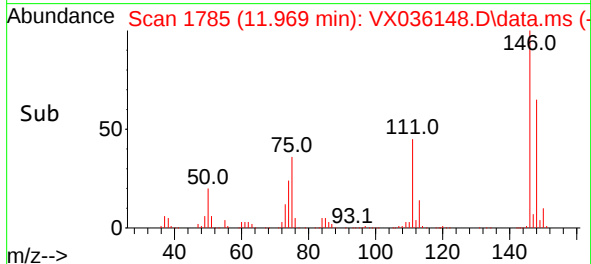
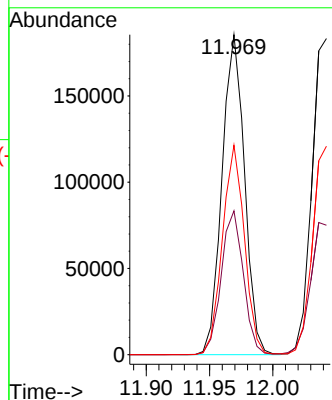
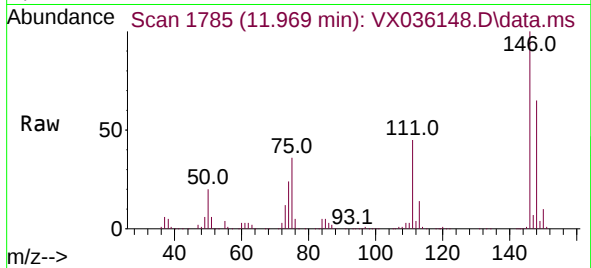




#87
1,3-Dichlorobenzene
Concen: 48.281 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

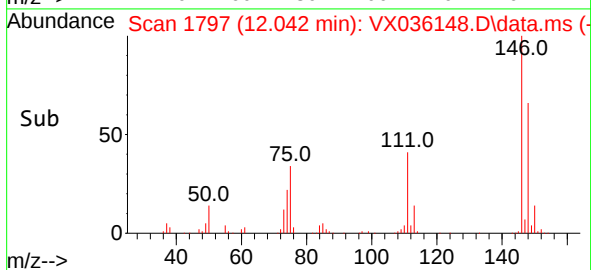
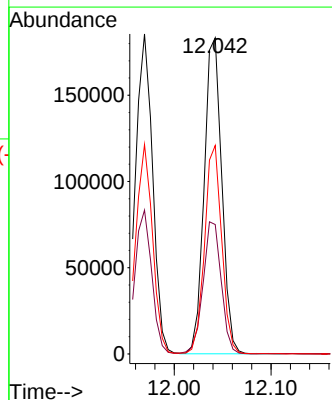
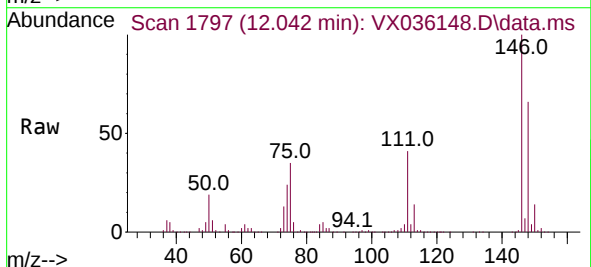
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

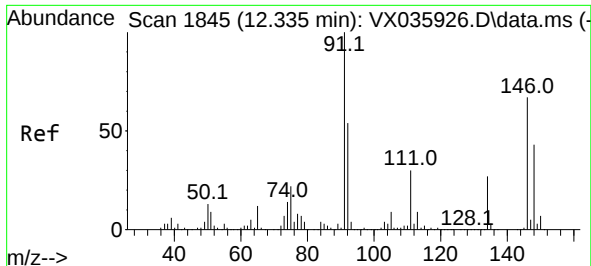
Tgt Ion:146 Resp: 229237
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.7
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 46.454 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:146 Resp: 232347
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.3
148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 51.926 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

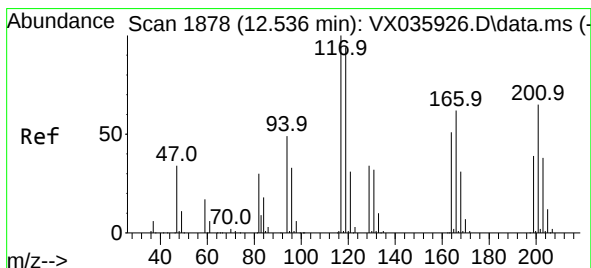
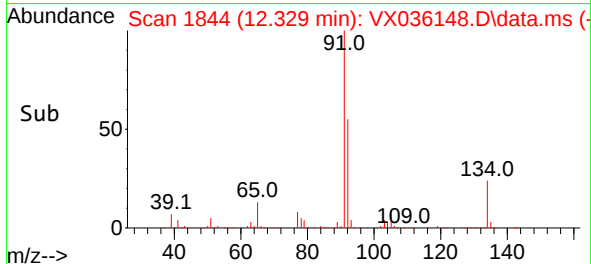
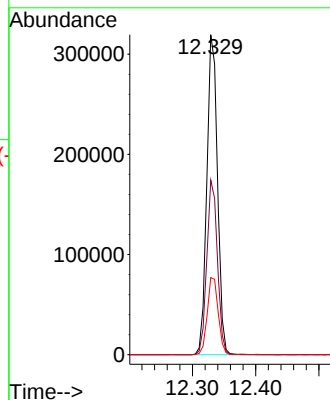
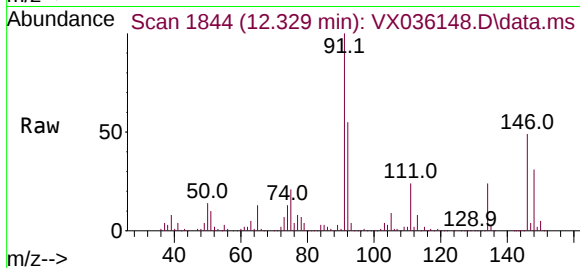
Tgt Ion: 91 Resp: 375575

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

134 24.7 12.4 37.0



#90

Hexachloroethane

Concen: 54.263 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036148.D

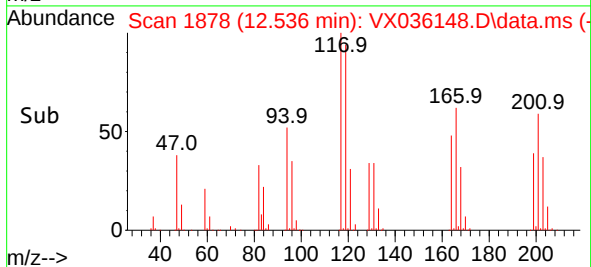
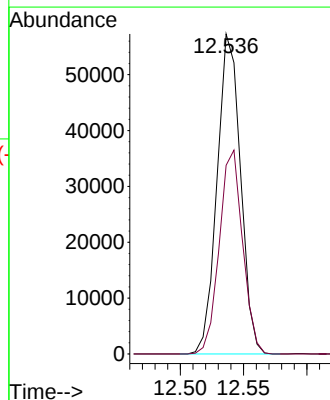
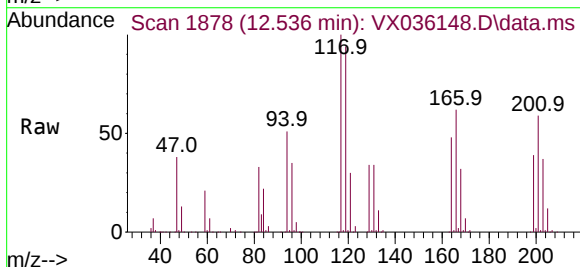
Acq: 13 Jun 2023 16:49

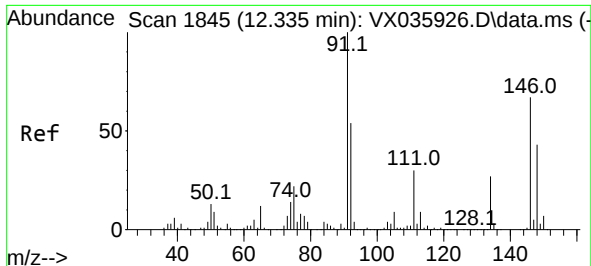
Tgt Ion: 117 Resp: 73668

Ion Ratio Lower Upper

117 100

201 63.4 32.7 98.1

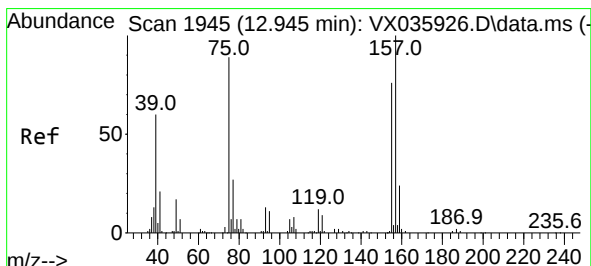
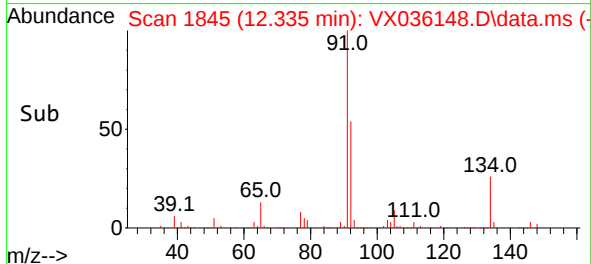
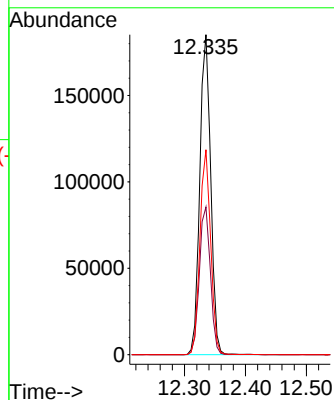
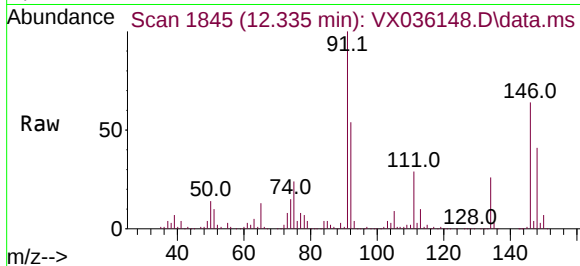




#91
1,2-Dichlorobenzene
Concen: 48.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

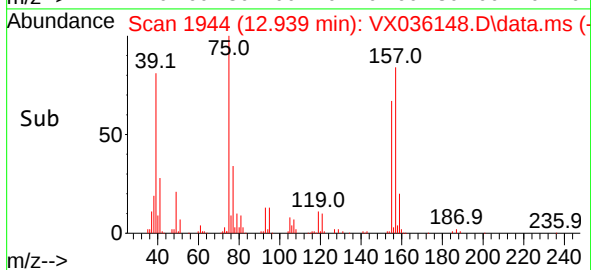
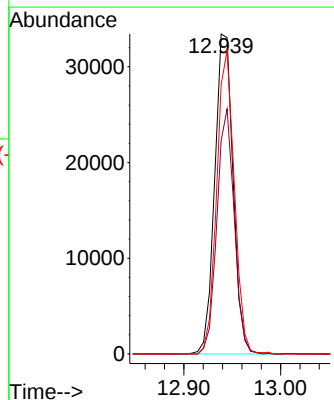
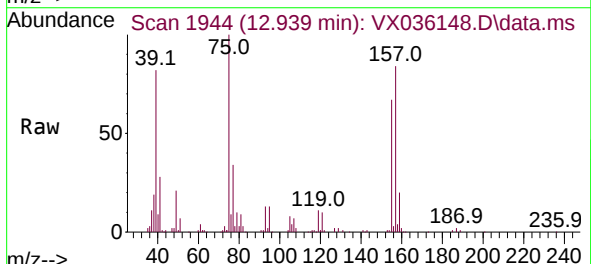
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

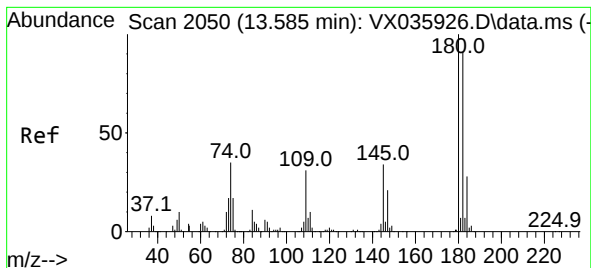
Tgt Ion:146 Resp: 229342
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.9
148 63.2 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.625 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 75 Resp: 44117
Ion Ratio Lower Upper
75 100
155 71.8 35.3 105.7
157 90.8 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 46.498 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

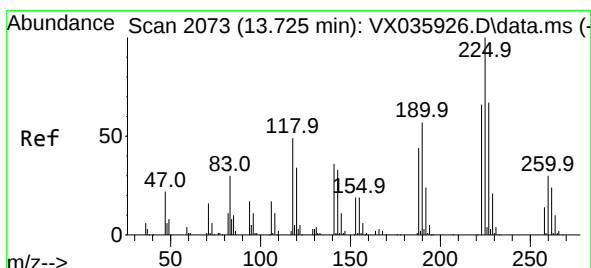
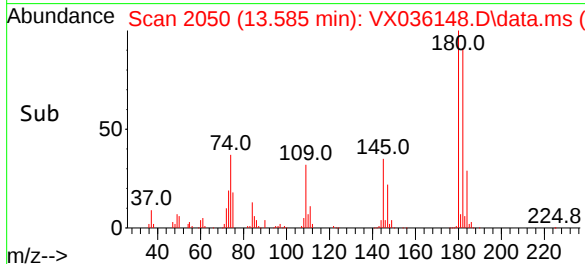
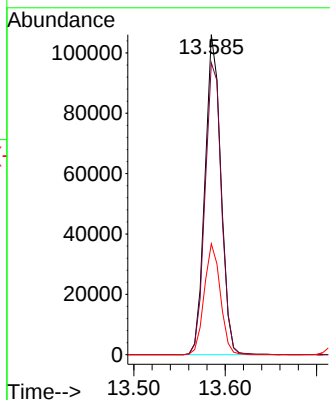
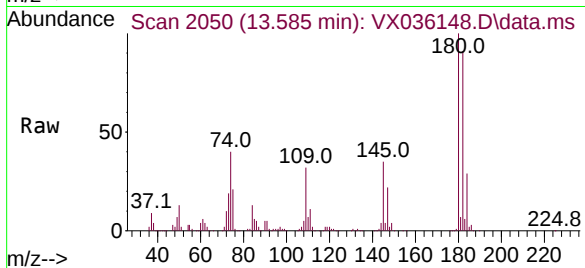
Tgt Ion:180 Resp: 127895

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 35.0 17.3 51.9



#94

Hexachlorobutadiene

Concen: 46.169 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

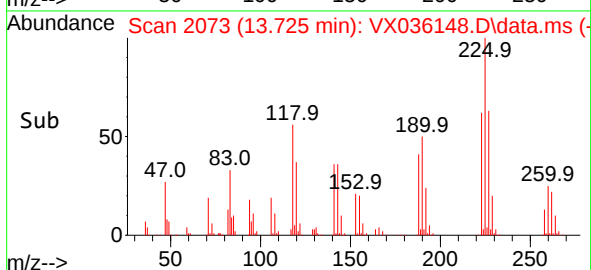
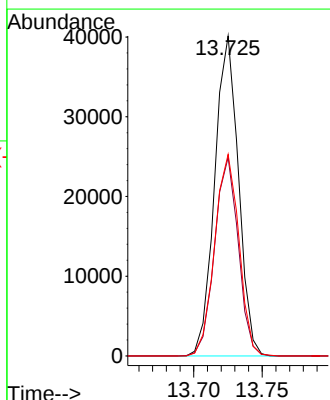
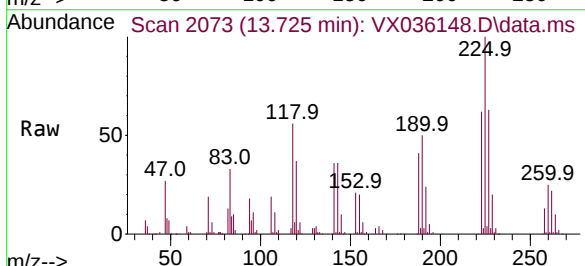
Tgt Ion:225 Resp: 48307

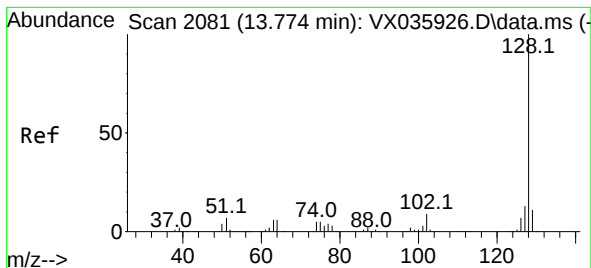
Ion Ratio Lower Upper

225 100

223 61.7 32.6 97.7

227 64.4 31.9 95.7





#95

Naphthalene

Concen: 51.880 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

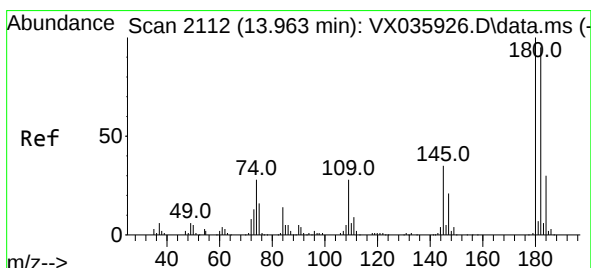
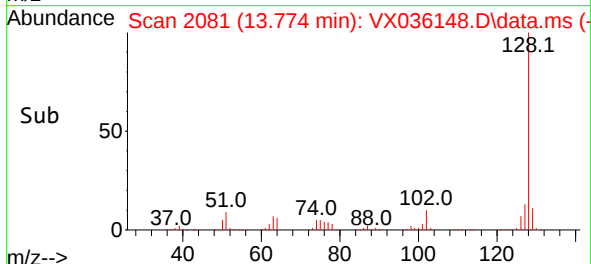
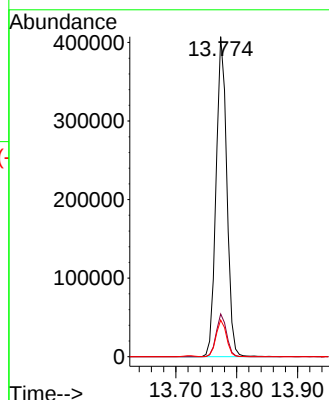
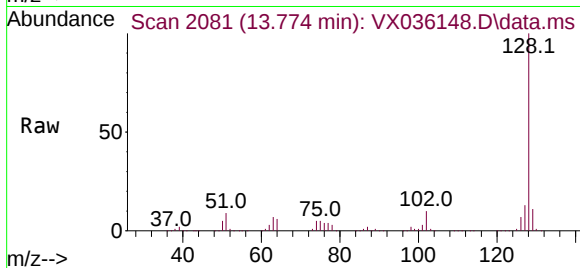
Tgt Ion:128 Resp: 496659

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.815 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Tgt Ion:180 Resp: 129730

Ion Ratio Lower Upper

180 100

182 96.5 46.9 140.7

145 36.7 18.1 54.3

