

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039011.D
 Acq On : 22 Nov 2023 18:51
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 23 03:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91535	48.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.380%
35) Dibromofluoromethane	5.385	113	74044	48.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	273405	46.676	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.360%
62) 4-Bromofluorobenzene	11.079	95	107228	45.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65807	48.344	ug/l	95
3) Chloromethane	1.294	50	69901	39.344	ug/l	97
4) Vinyl Chloride	1.374	62	74732	43.667	ug/l	99
5) Bromomethane	1.599	94	43501	61.477	ug/l	98
6) Chloroethane	1.678	64	46909	48.029	ug/l	95
7) Trichlorofluoromethane	1.886	101	108676	50.042	ug/l	97
8) Diethyl Ether	2.136	74	44210	46.739	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	62499	43.395	ug/l	96
10) Methyl Iodide	2.453	142	73767	42.082	ug/l	92
11) Tert butyl alcohol	2.965	59	133826	255.963	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	61496	42.293	ug/l	93
13) Acrolein	2.233	56	60146	217.438	ug/l	100
14) Allyl chloride	2.660	41	130023	44.663	ug/l	96
15) Acrylonitrile	3.062	53	265875	240.666	ug/l	99
16) Acetone	2.380	43	254126	253.949	ug/l	91
17) Carbon Disulfide	2.508	76	162172	36.006	ug/l	100
18) Methyl Acetate	2.703	43	249272	52.443	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	252687	49.409	ug/l	99
20) Methylene Chloride	2.788	84	75599	41.908	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68941	42.971	ug/l	97
22) Diisopropyl ether	3.757	45	257591	48.232	ug/l	95
23) Vinyl Acetate	3.721	43	904612	235.188	ug/l	100
24) 1,1-Dichloroethane	3.611	63	138471	46.365	ug/l	100
25) 2-Butanone	4.556	43	401214	247.241	ug/l	97
26) 2,2-Dichloropropane	4.477	77	116565	44.995	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	85942	45.955	ug/l	95
28) Bromochloromethane	4.897	49	69574	48.521	ug/l	100
29) Tetrahydrofuran	5.001	42	259147	251.510	ug/l	98
30) Chloroform	5.099	83	144442	49.530	ug/l	100
31) Cyclohexane	5.470	56	116619	43.451	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	123835	49.025	ug/l	98
36) 1,1-Dichloropropene	5.690	75	101737	46.366	ug/l	98
37) Ethyl Acetate	4.714	43	142238	49.756	ug/l	99
38) Carbon Tetrachloride	5.678	117	104533	51.547	ug/l	95
39) Methylcyclohexane	7.385	83	123174	43.036	ug/l	97
40) Benzene	6.037	78	303851	46.820	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76418	51.541	ug/l	95
42) 1,2-Dichloroethane	6.086	62	114454	53.230	ug/l	99
43) Isopropyl Acetate	6.342	43	229058	50.137	ug/l	99
44) Trichloroethene	7.123	130	76540	48.453	ug/l	97
45) 1,2-Dichloropropane	7.427	63	84244	48.237	ug/l	99
46) Dibromomethane	7.580	93	58383	50.129	ug/l	98
47) Bromodichloromethane	7.824	83	115447	49.943	ug/l	96
48) Methyl methacrylate	7.690	41	107884	48.670	ug/l	94
49) 1,4-Dioxane	7.659	88	45816	1068.373	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	756597	259.144	ug/l	100
52) Toluene	8.720	92	193125	47.955	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	130261	47.419	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135986	47.924	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	81647	48.588	ug/l	92
56) Ethyl methacrylate	9.116	69	138079	48.565	ug/l	98
57) 1,3-Dichloropropane	9.305	76	138332	49.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	315984	238.576	ug/l	96
59) 2-Hexanone	9.427	43	599048	255.988	ug/l	98
60) Dibromochloromethane	9.518	129	86621	50.697	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87577	49.667	ug/l	98
64) Tetrachloroethene	9.275	164	60894	49.128	ug/l	99
65) Chlorobenzene	10.079	112	206353	48.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76990	49.827	ug/l	98
67) Ethyl Benzene	10.195	91	384313	48.697	ug/l	100
68) m/p-Xylenes	10.299	106	283161	94.851	ug/l	97
69) o-Xylene	10.640	106	140527	47.572	ug/l	97
70) Styrene	10.652	104	236083	47.323	ug/l	99
71) Bromoform	10.799	173	63929	49.630	ug/l #	99
73) Isopropylbenzene	10.963	105	375126	47.746	ug/l	99
74) N-amyl acetate	10.841	43	195225	47.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145484	47.436	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165235	65.677	ug/l	92
77) Bromobenzene	11.195	156	85791	48.597	ug/l	99
78) n-propylbenzene	11.305	91	456383	47.192	ug/l	99
79) 2-Chlorotoluene	11.366	91	267248	46.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	320245	48.478	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	48301	42.584	ug/l	85
82) 4-Chlorotoluene	11.457	91	314627	47.544	ug/l	100
83) tert-Butylbenzene	11.713	119	311780	47.922	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	324257	48.496	ug/l	100
85) sec-Butylbenzene	11.890	105	410459	48.232	ug/l	98
86) p-Isopropyltoluene	12.006	119	328865	48.140	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167196	48.365	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	169801	47.991	ug/l	99
89) n-Butylbenzene	12.335	91	322594	46.804	ug/l	96
90) Hexachloroethane	12.536	117	63195	46.323	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	163429	49.843	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37778	50.276	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	106931	48.667	ug/l	97
94) Hexachlorobutadiene	13.725	225	38124	48.997	ug/l	96
95) Naphthalene	13.774	128	392921	48.015	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104262	50.057	ug/l	100

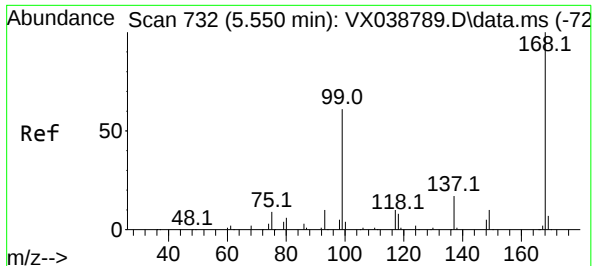
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
Data File : VX039011.D
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Sample : VSTDCCC050
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

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QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

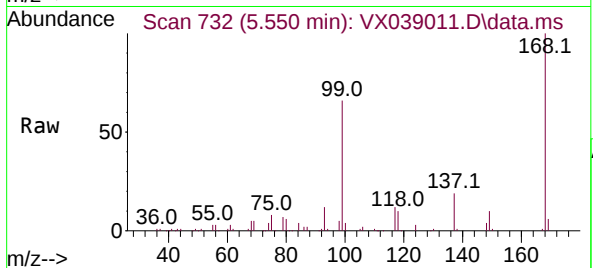
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

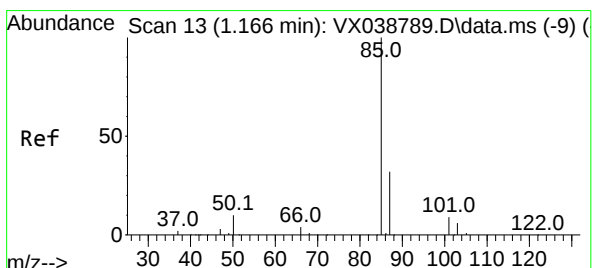
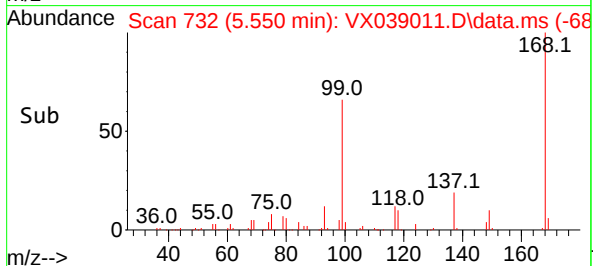
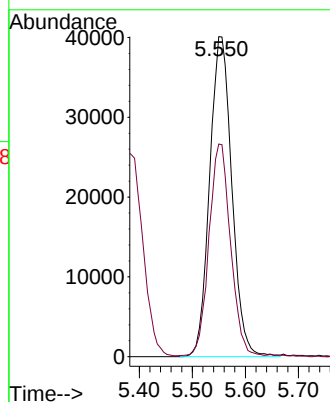


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039011.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

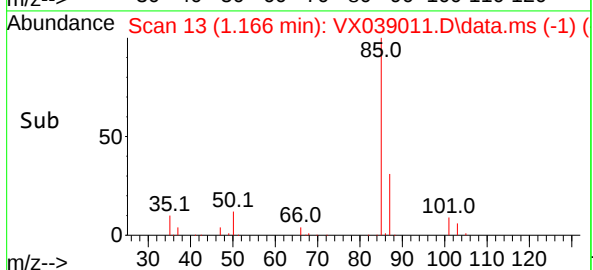
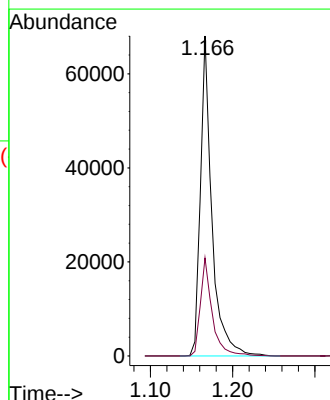
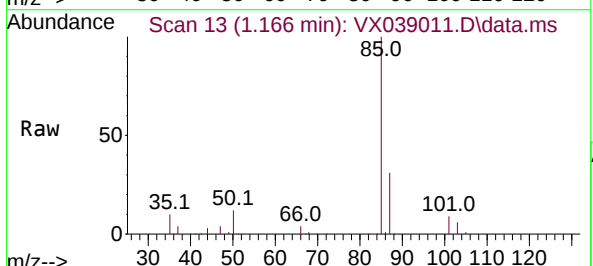


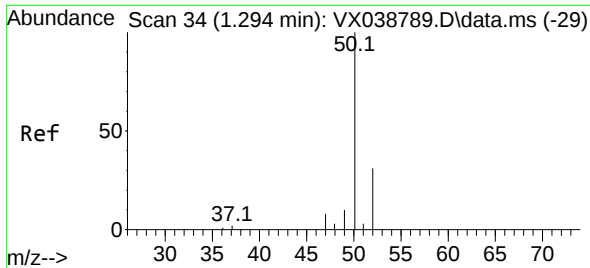
Tgt Ion:168 Resp: 116661
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 48.344 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 85 Resp: 65807
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1

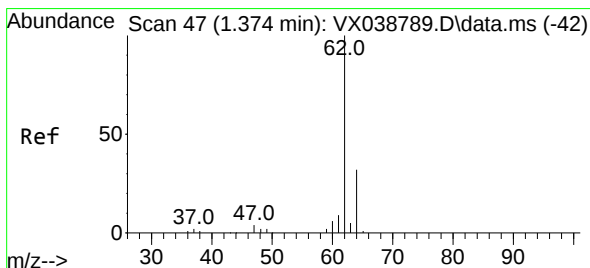
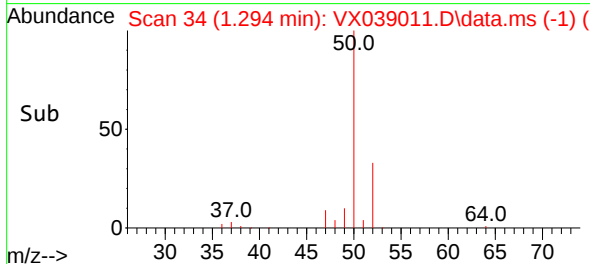
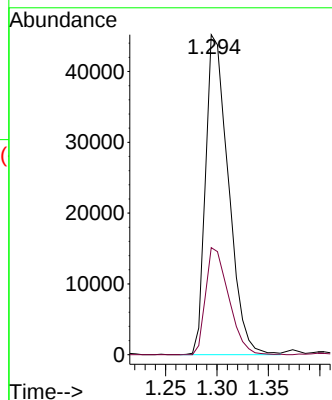
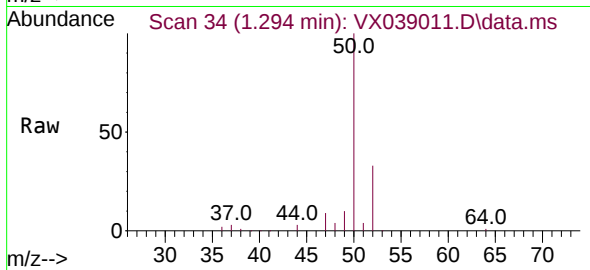




#3
Chloromethane
Concen: 39.344 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

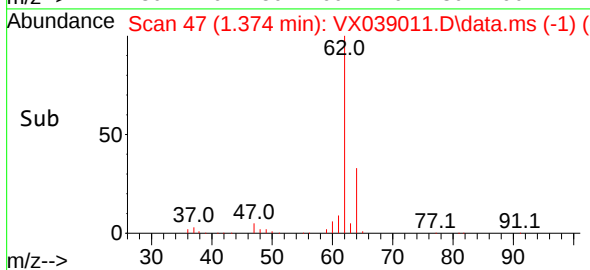
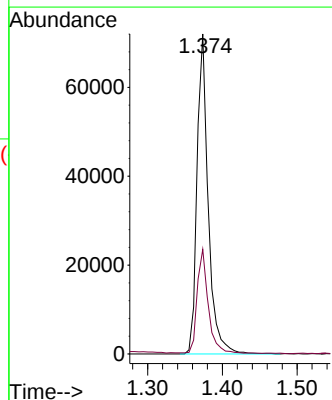
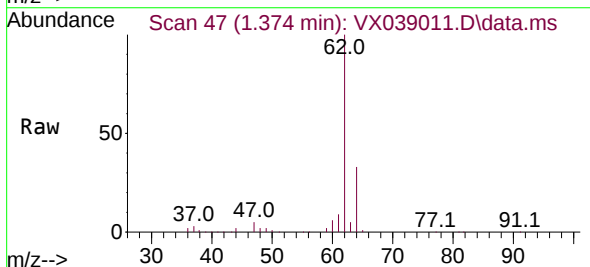
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

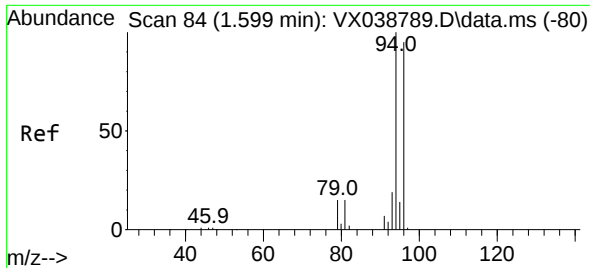
Tgt Ion: 50 Resp: 69901
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3



#4
Vinyl Chloride
Concen: 43.667 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 62 Resp: 74732
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

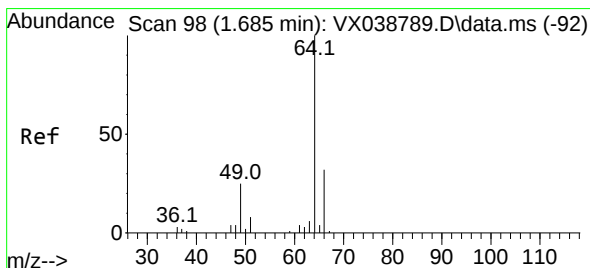
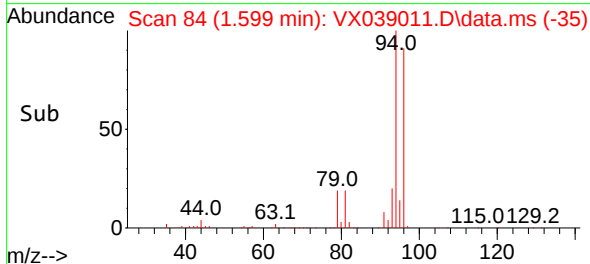
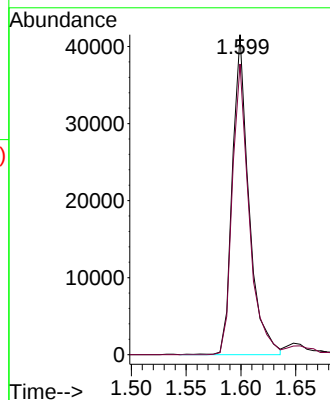
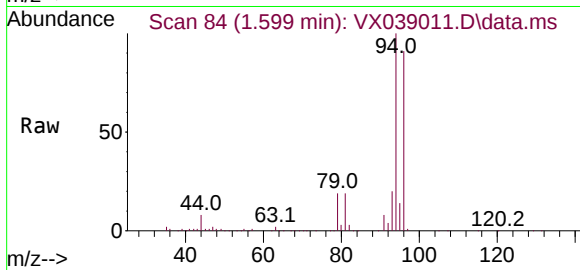




#5
Bromomethane
Concen: 61.477 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

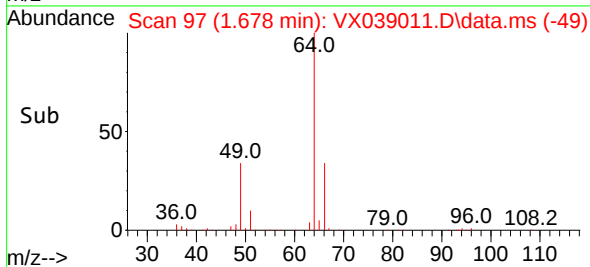
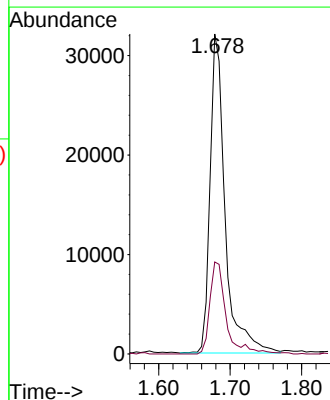
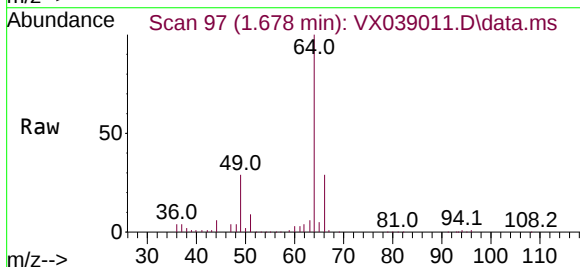
Instrument :
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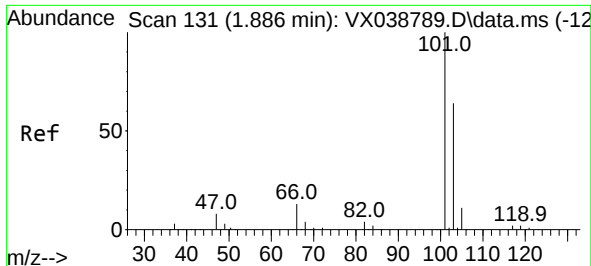
Tgt Ion: 94 Resp: 43501
Ion Ratio Lower Upper
94 100
96 90.9 74.6 111.8



#6
Chloroethane
Concen: 48.029 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 64 Resp: 46909
Ion Ratio Lower Upper
64 100
66 28.8 25.1 37.7

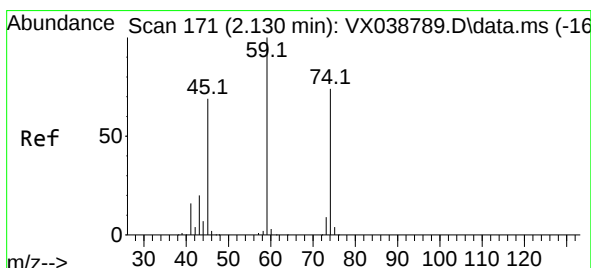
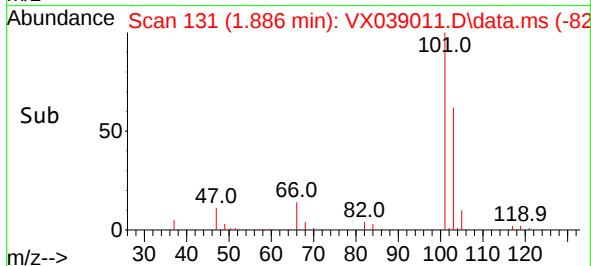
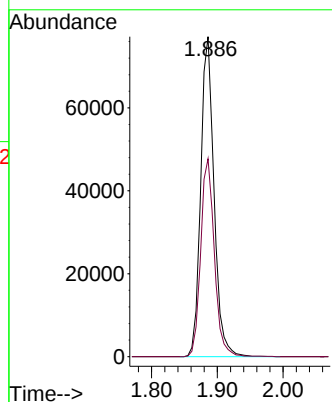
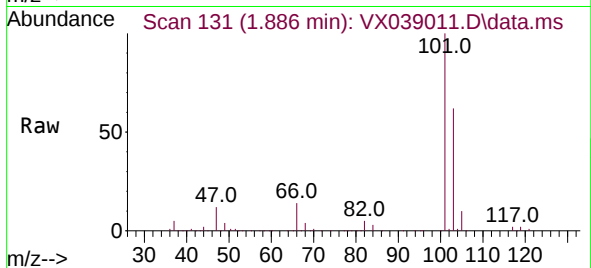




#7
Trichlorofluoromethane
Concen: 50.042 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

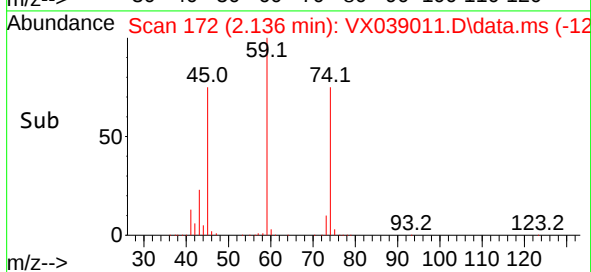
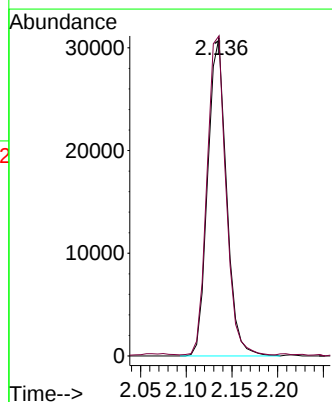
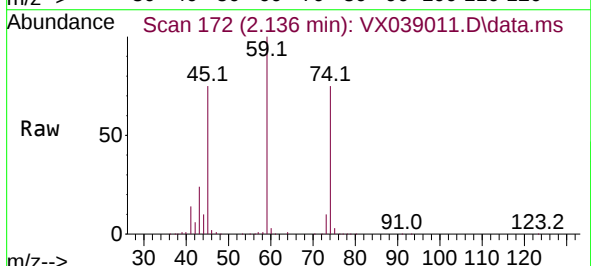
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

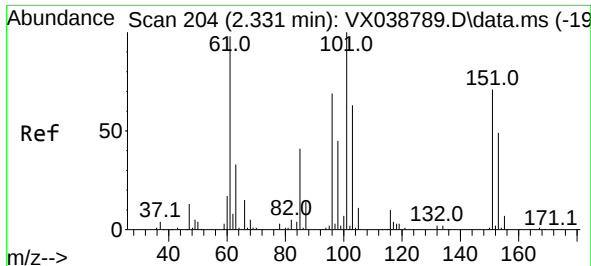
Tgt Ion:101 Resp: 108676
Ion Ratio Lower Upper
101 100
103 61.8 51.4 77.2



#8
Diethyl Ether
Concen: 46.739 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 74 Resp: 44210
Ion Ratio Lower Upper
74 100
45 101.3 53.3 159.8

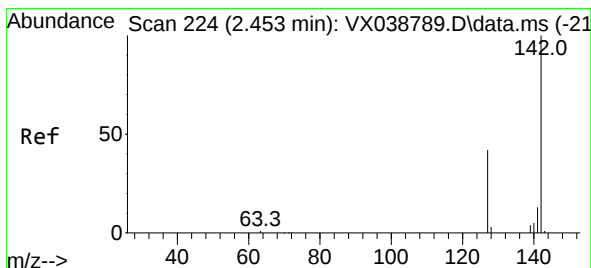
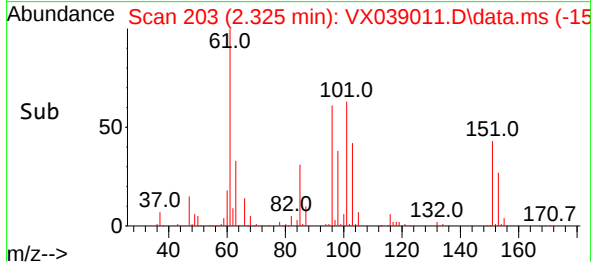
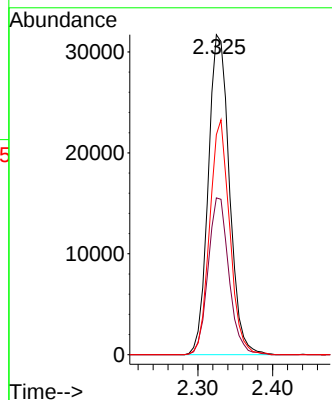
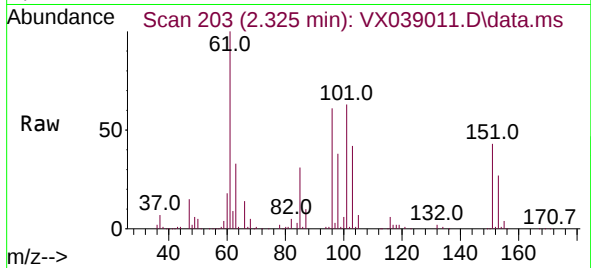




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.395 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039011.D
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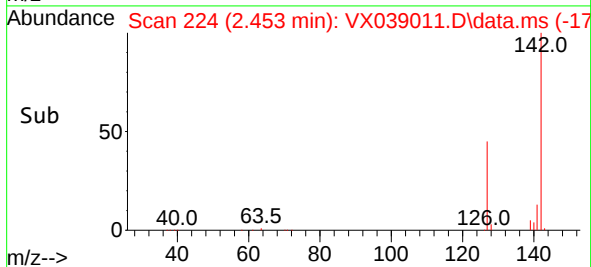
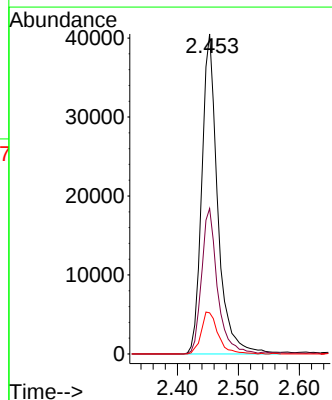
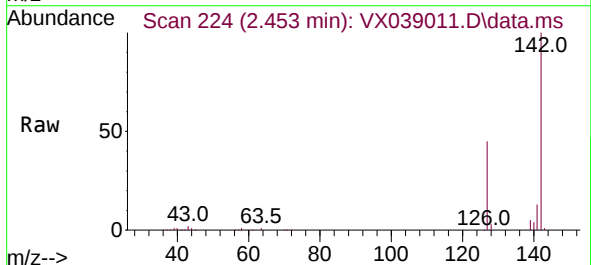
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

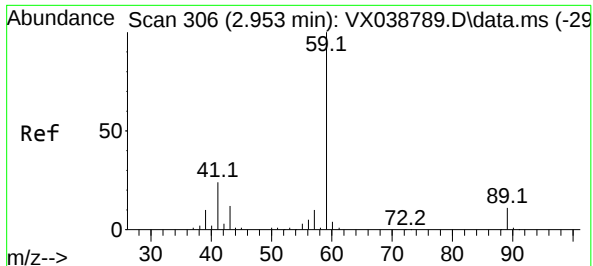
Tgt Ion:101 Resp: 62499
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 69.3 58.6 87.8



#10
Methyl Iodide
Concen: 42.082 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:142 Resp: 73767
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 255.963 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

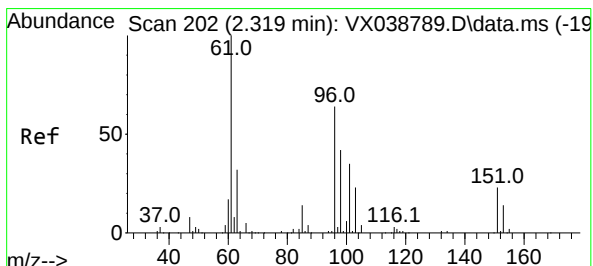
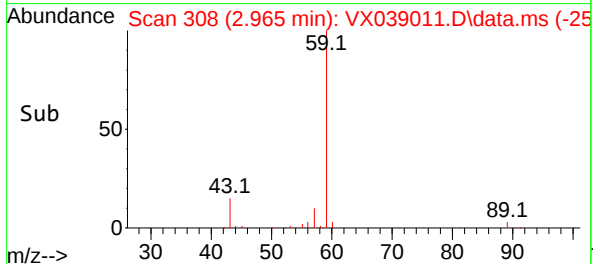
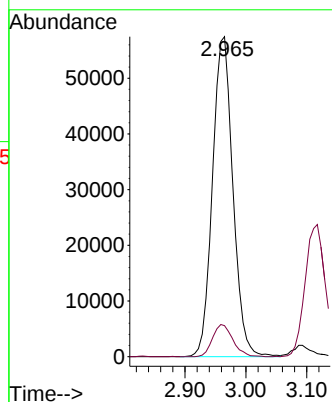
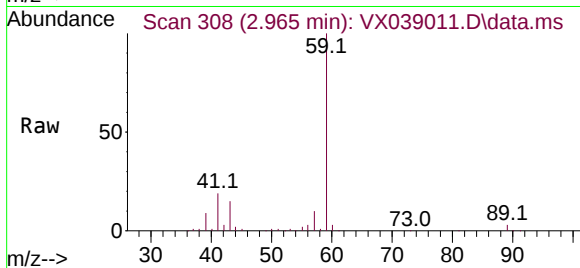
VSTDCCC050EC

Tgt Ion: 59 Resp: 133826

Ion Ratio Lower Upper

59 100

57 10.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 42.293 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

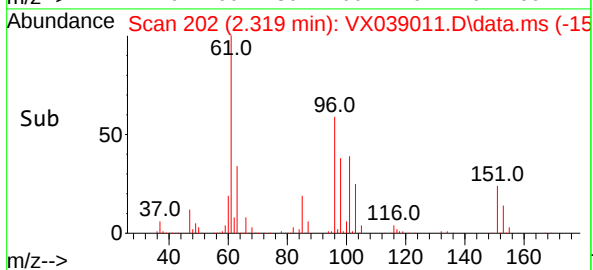
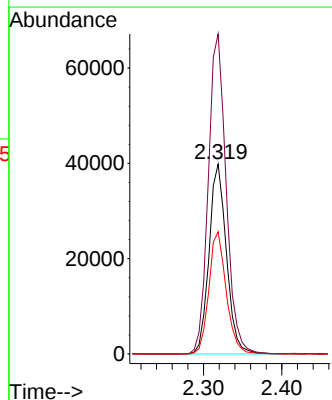
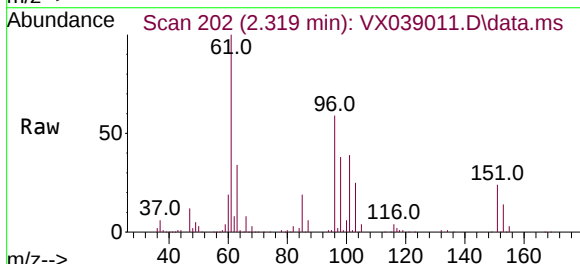
Tgt Ion: 96 Resp: 61496

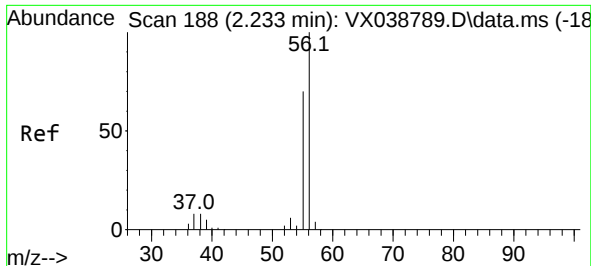
Ion Ratio Lower Upper

96 100

61 168.5 144.6 216.8

98 64.4 50.4 75.6

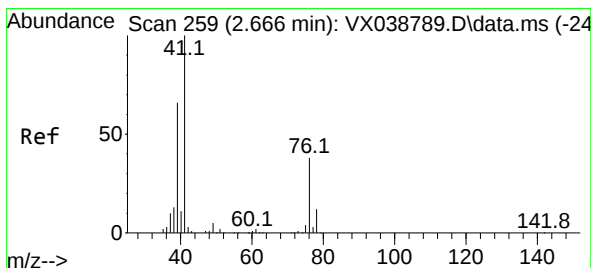
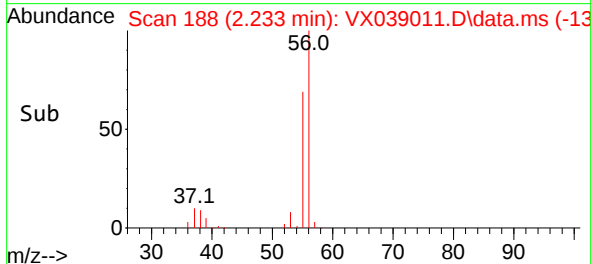
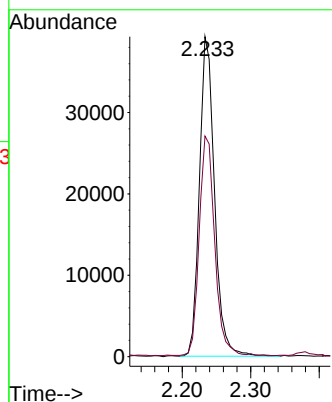
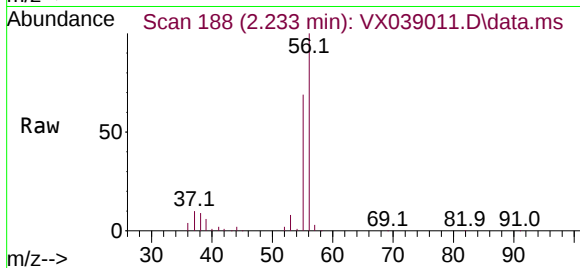




#13
Acrolein
Concen: 217.438 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

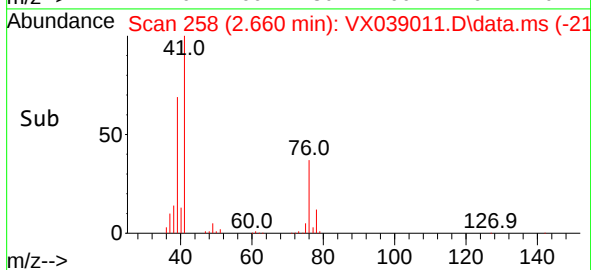
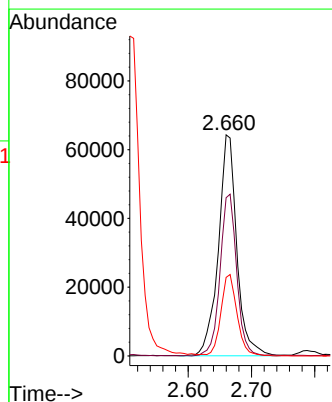
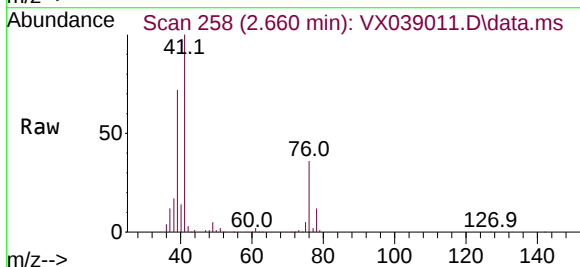
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

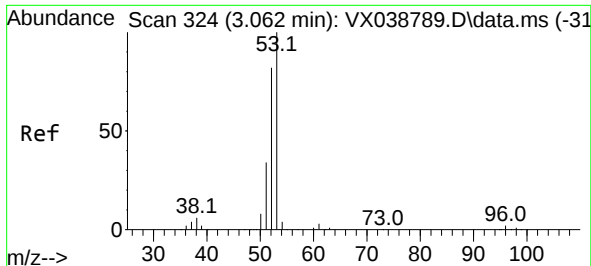
Tgt Ion: 56 Resp: 60146
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7



#14
Allyl chloride
Concen: 44.663 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 41 Resp: 130023
Ion Ratio Lower Upper
41 100
39 66.3 55.8 83.6
76 32.4 24.3 36.5

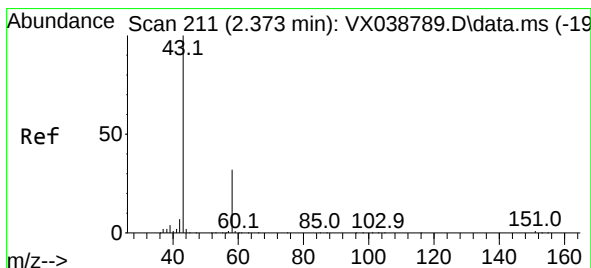
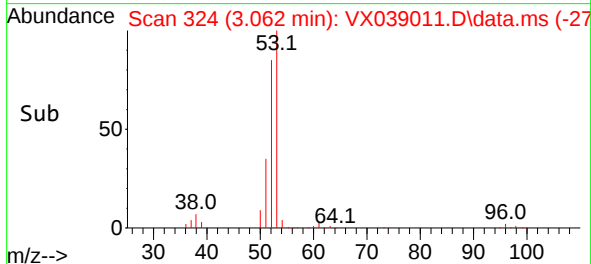
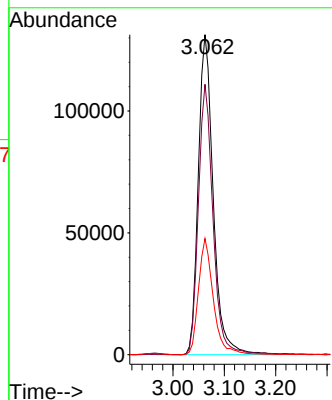
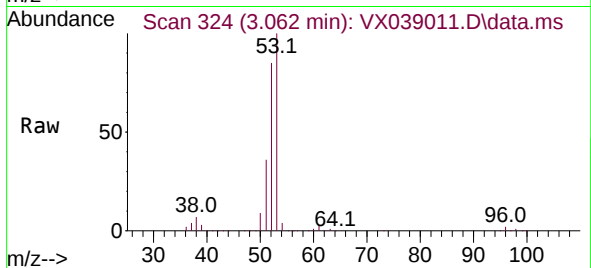




#15
Acrylonitrile
Concen: 240.666 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

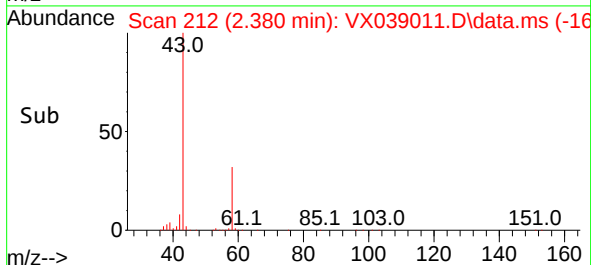
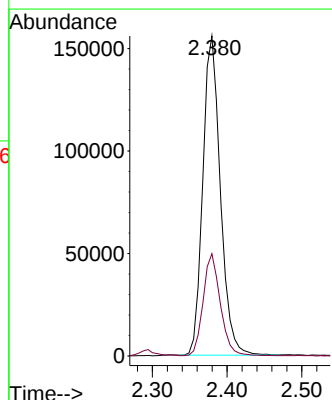
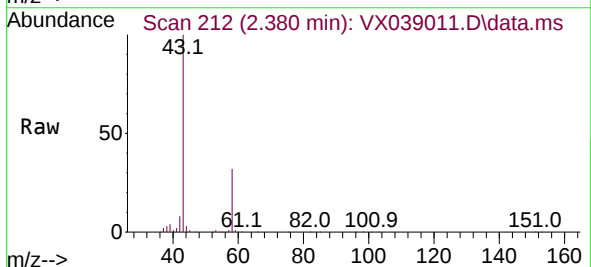
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

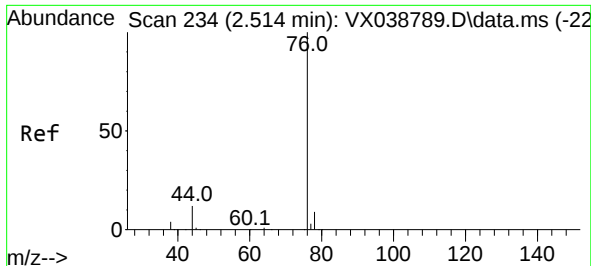
Tgt Ion: 53 Resp: 265875
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.1 29.8 44.6



#16
Acetone
Concen: 253.949 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 43 Resp: 254126
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

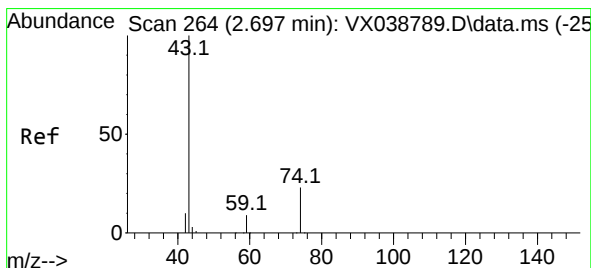
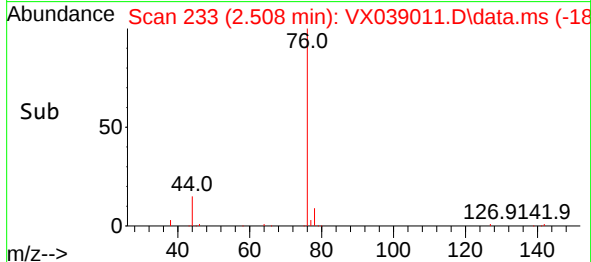
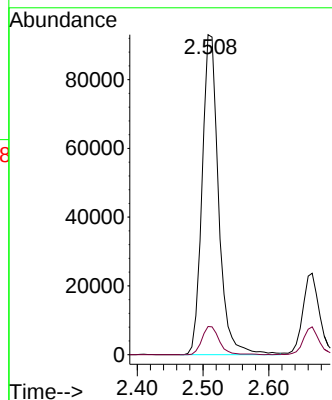
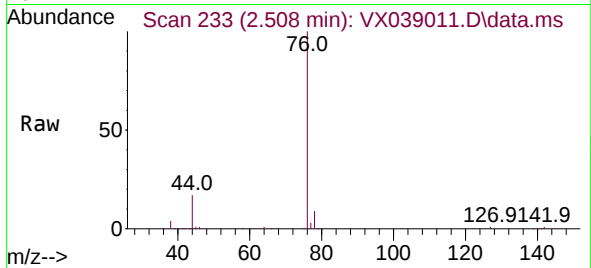




#17
Carbon Disulfide
Concen: 36.006 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

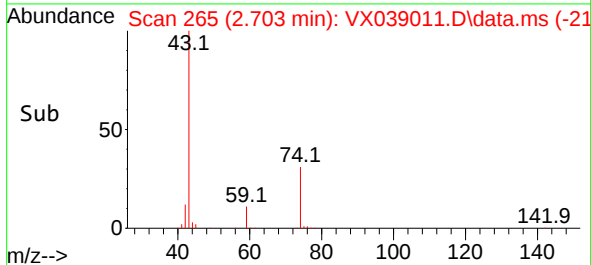
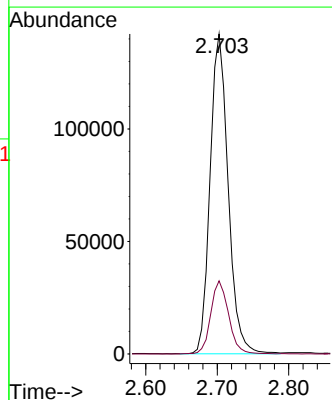
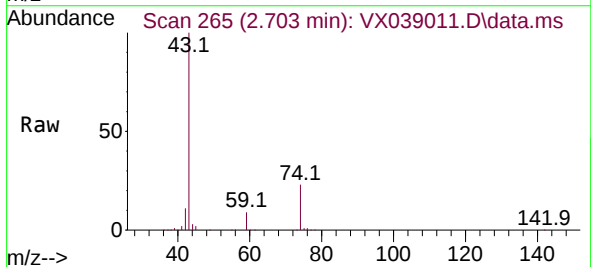
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

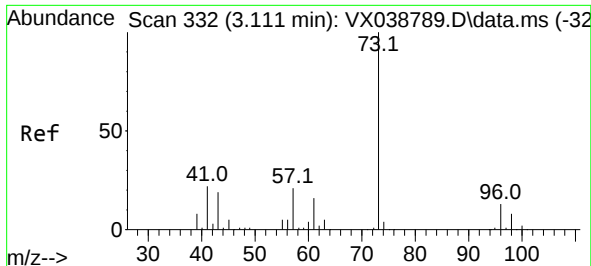
Tgt Ion: 76 Resp: 162172
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 52.443 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 43 Resp: 249272
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

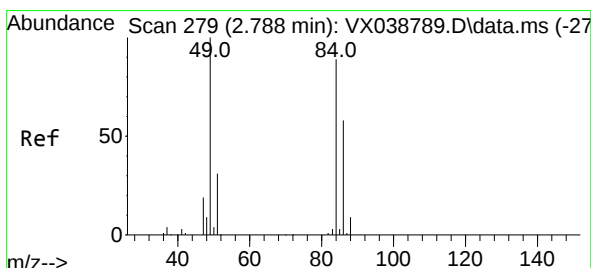
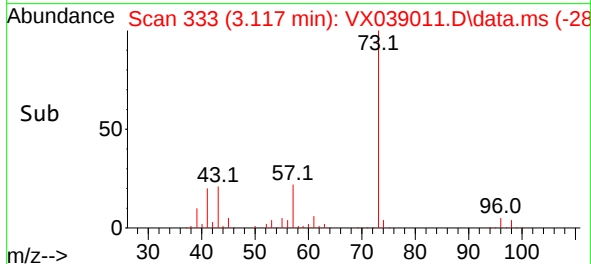
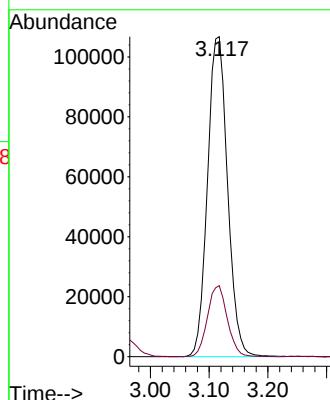
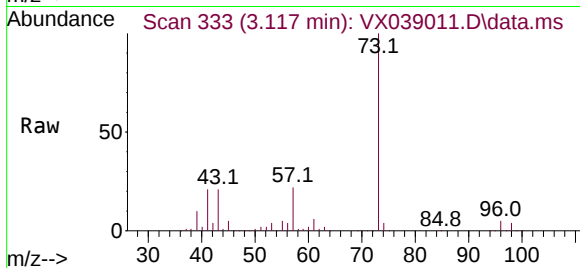




#19
Methyl tert-butyl Ether
Concen: 49.409 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

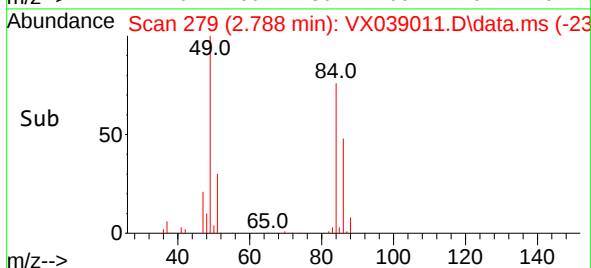
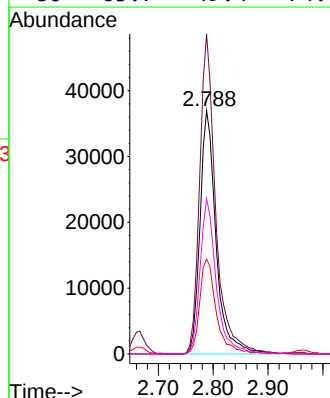
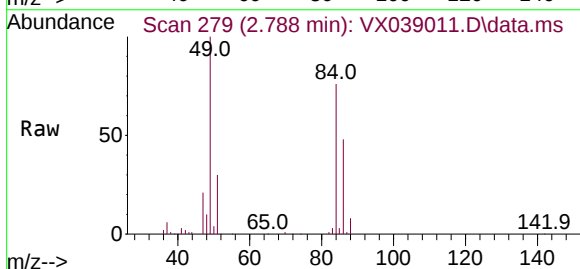
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

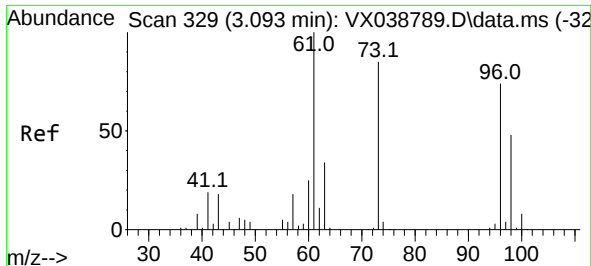
Tgt Ion: 73 Resp: 252687
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 41.908 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 84 Resp: 75599
Ion Ratio Lower Upper
84 100
49 131.4 103.6 155.4
51 39.0 33.8 50.6
86 63.7 49.4 74.0

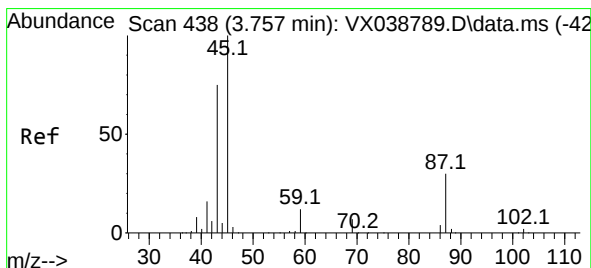
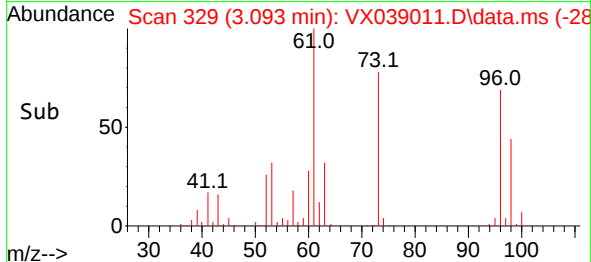
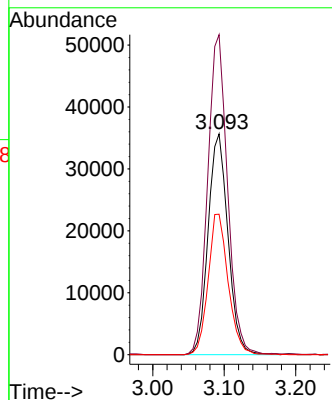
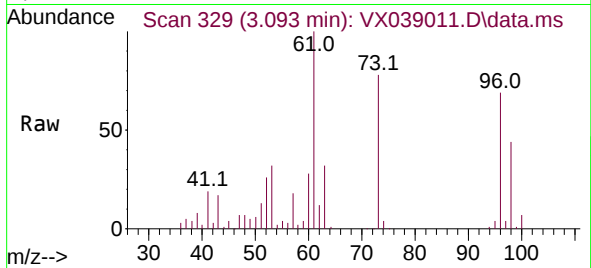




#21
trans-1,2-Dichloroethene
Concen: 42.971 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

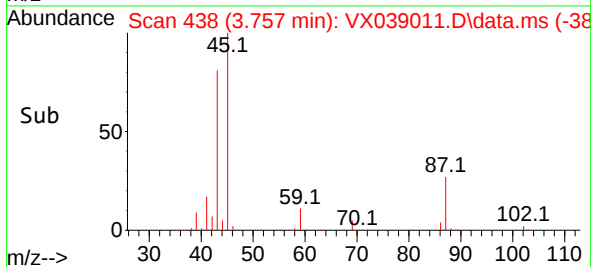
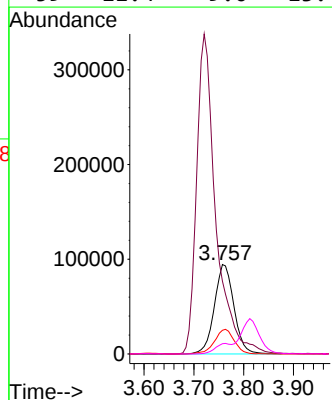
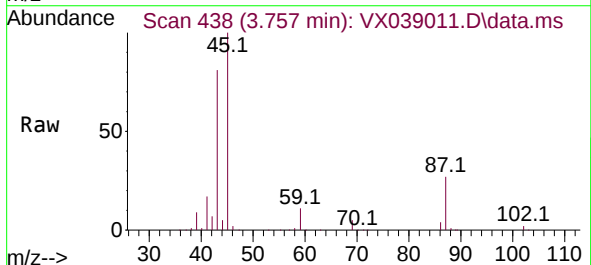
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

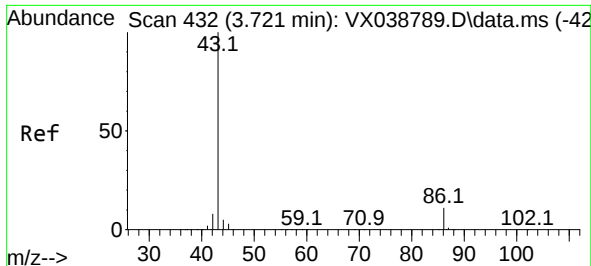
Tgt Ion: 96 Resp: 68941
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 63.7 48.7 73.1



#22
Diisopropyl ether
Concen: 48.232 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 45 Resp: 257591
Ion Ratio Lower Upper
45 100
43 81.0 69.7 104.5
87 26.6 20.8 31.2
59 11.4 9.0 13.4

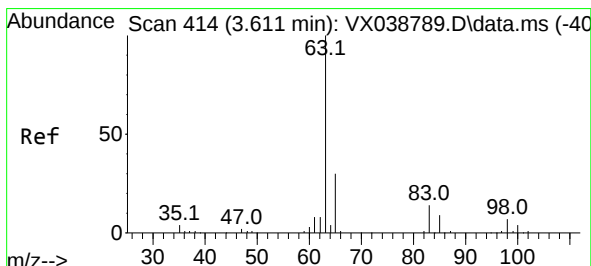
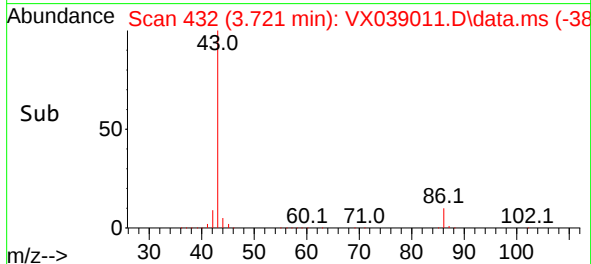
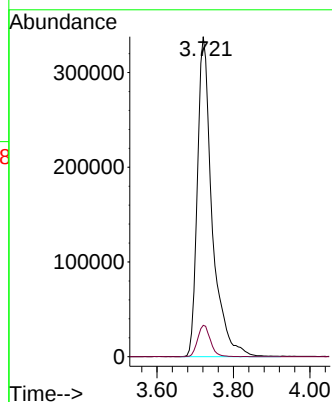
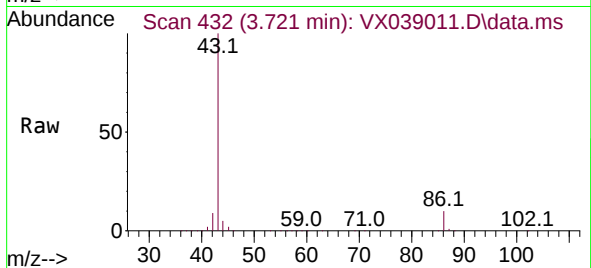




#23
 Vinyl Acetate
 Concen: 235.188 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039011.D
 Acq: 22 Nov 2023 18:51

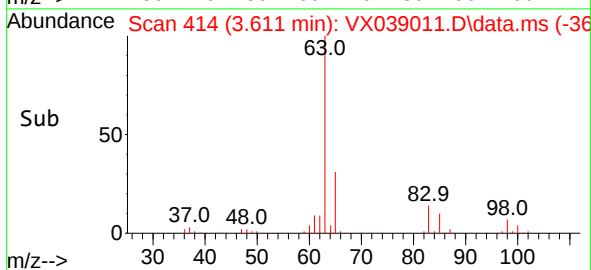
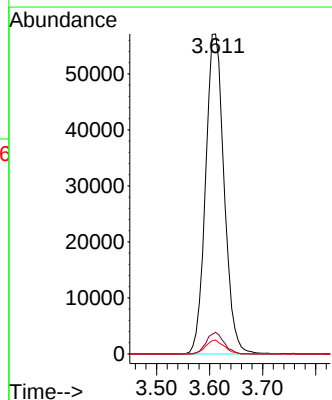
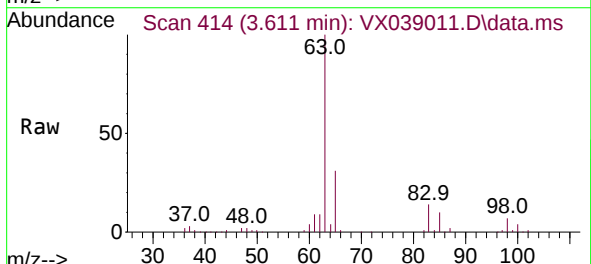
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

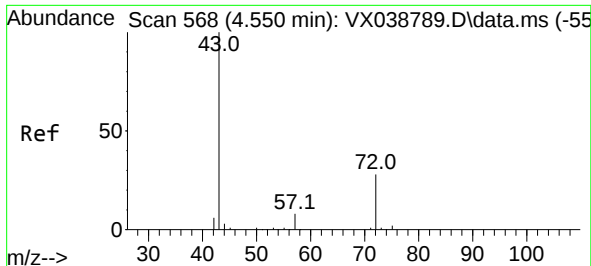
Tgt Ion: 43 Resp: 904612
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.365 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039011.D
 Acq: 22 Nov 2023 18:51

Tgt Ion: 63 Resp: 138471
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 247.241 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

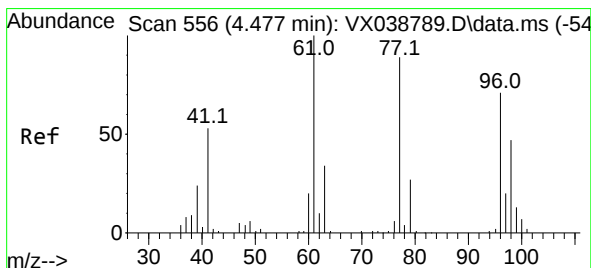
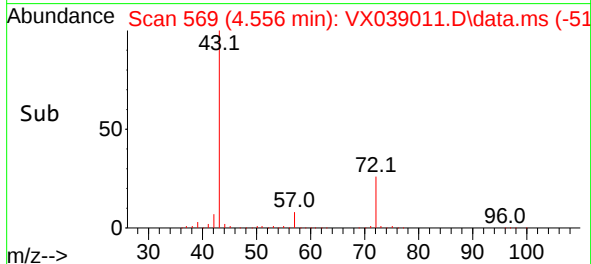
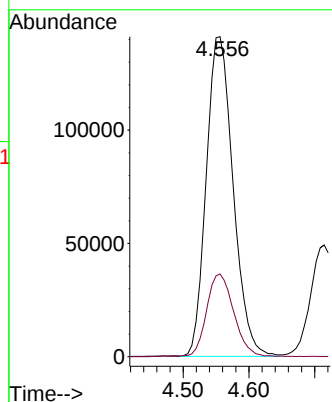
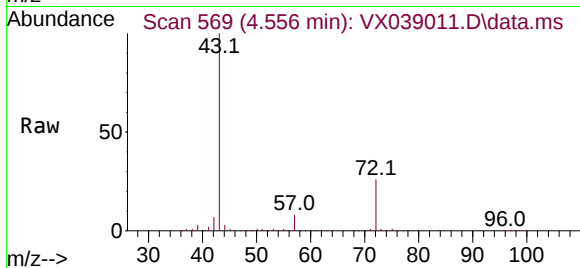
VSTDCCC050EC

Tgt Ion: 43 Resp: 401214

Ion Ratio Lower Upper

43 100

72 25.7 19.4 29.2



#26

2,2-Dichloropropane

Concen: 44.995 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX039011.D

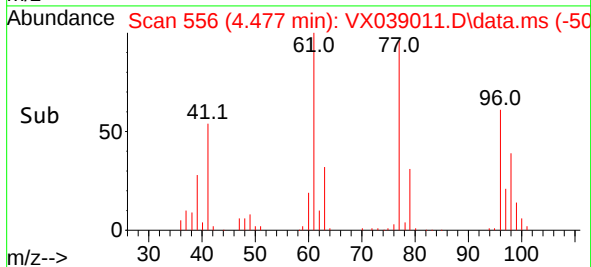
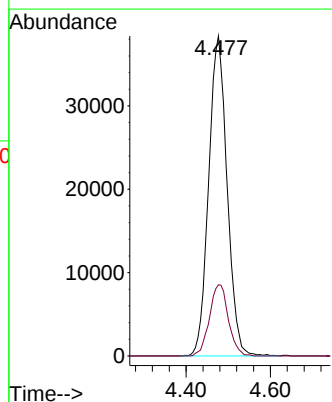
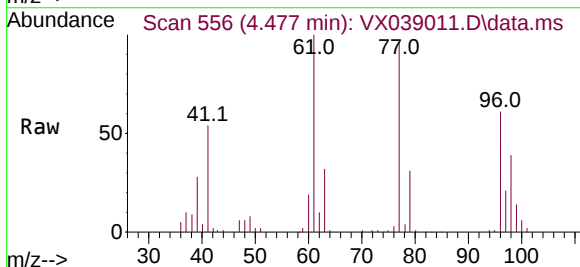
Acq: 22 Nov 2023 18:51

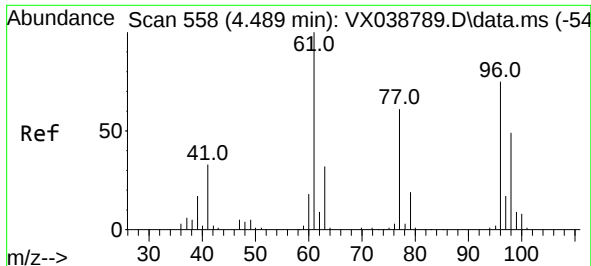
Tgt Ion: 77 Resp: 116565

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.955 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

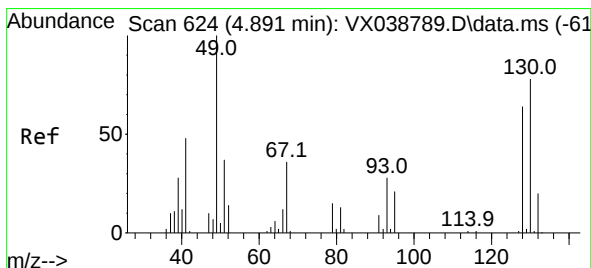
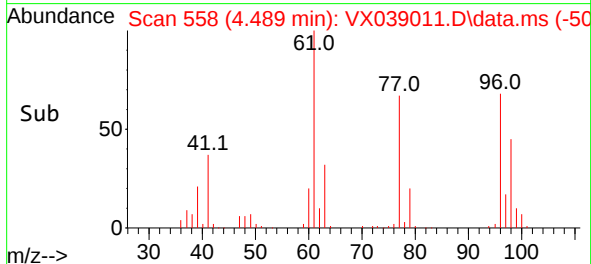
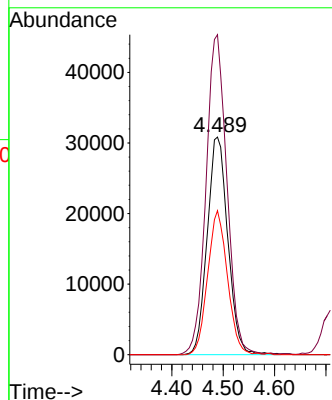
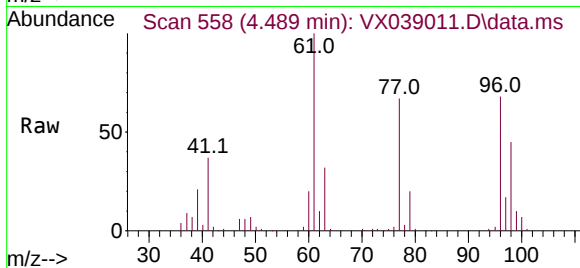
Tgt Ion: 96 Resp: 85942

Ion Ratio Lower Upper

96 100

61 148.4 0.0 312.2

98 63.6 0.0 129.0



#28

Bromochloromethane

Concen: 48.521 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

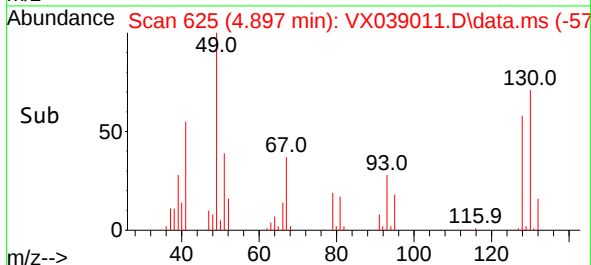
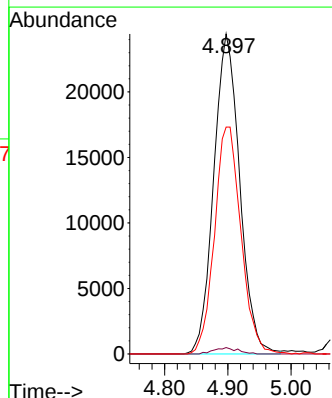
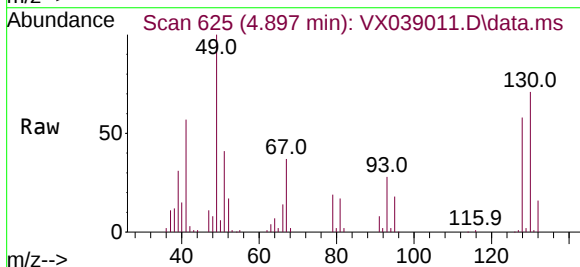
Tgt Ion: 49 Resp: 69574

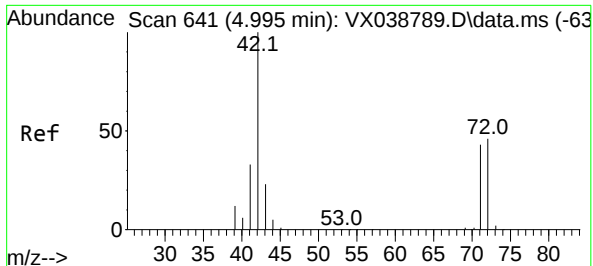
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 72.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 251.510 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

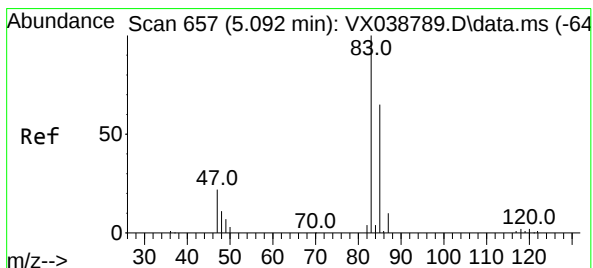
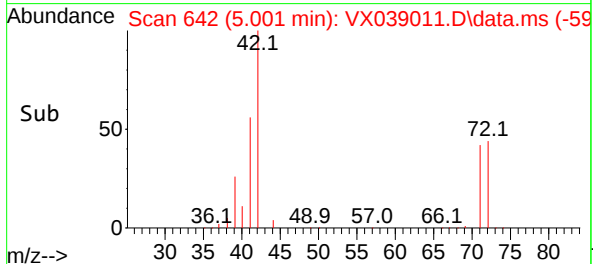
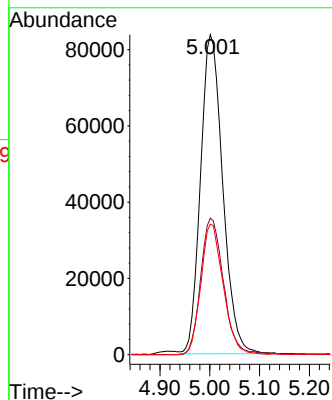
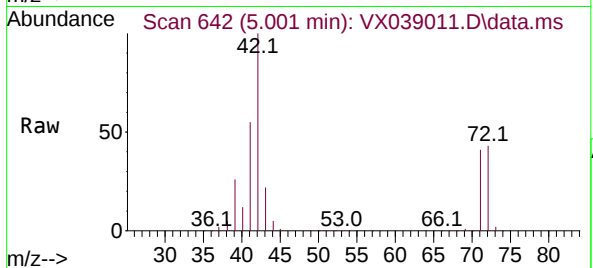
Tgt Ion: 42 Resp: 259147

Ion Ratio Lower Upper

42 100

72 44.1 34.2 51.4

71 41.1 32.2 48.2



#30

Chloroform

Concen: 49.530 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039011.D

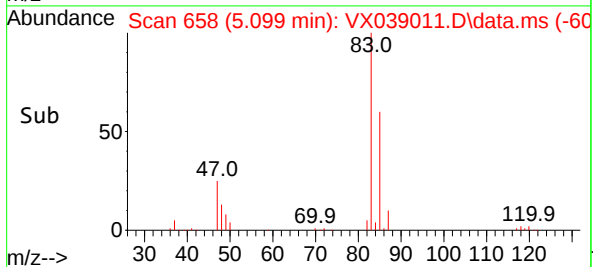
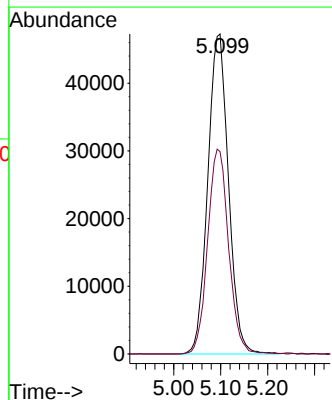
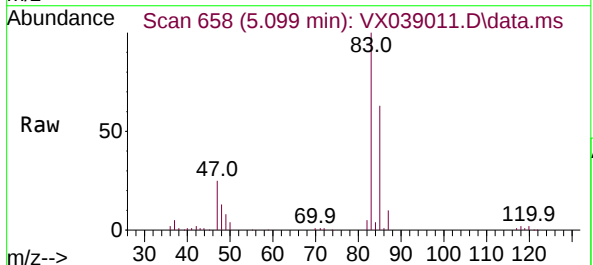
Acq: 22 Nov 2023 18:51

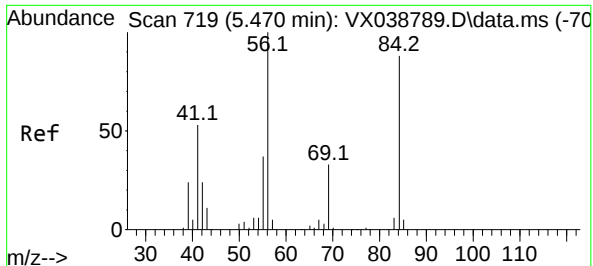
Tgt Ion: 83 Resp: 144442

Ion Ratio Lower Upper

83 100

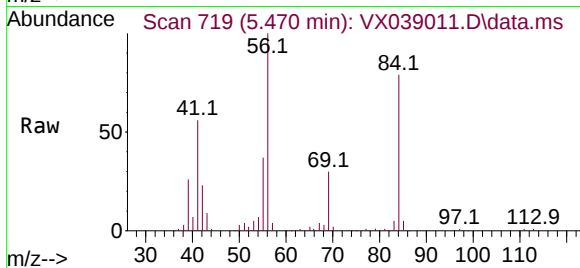
85 63.2 50.3 75.5





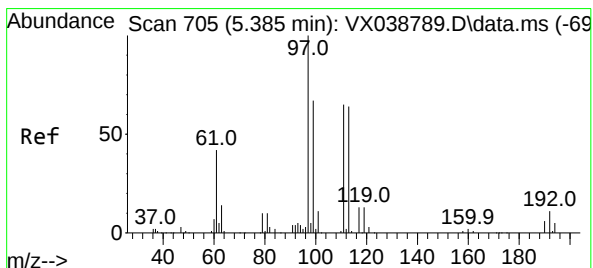
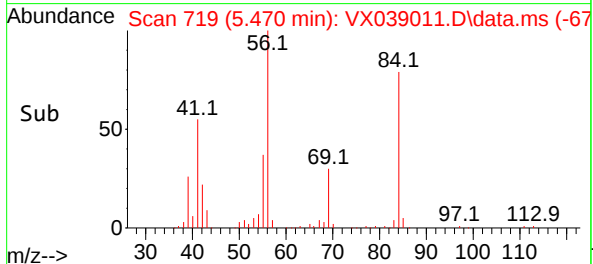
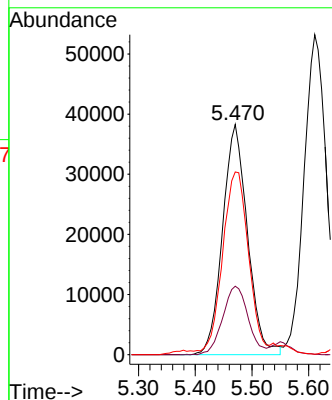
#31
Cyclohexane
Concen: 43.451 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 116619

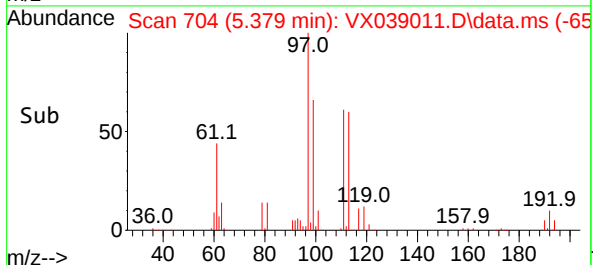
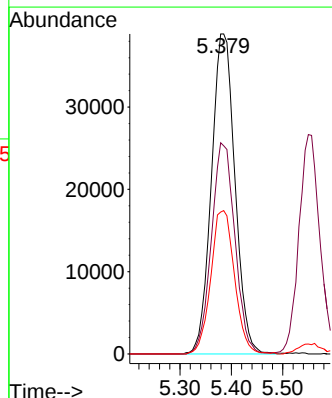
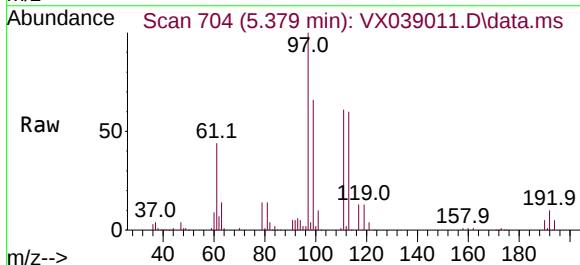
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.2
84	77.9	65.9	98.9

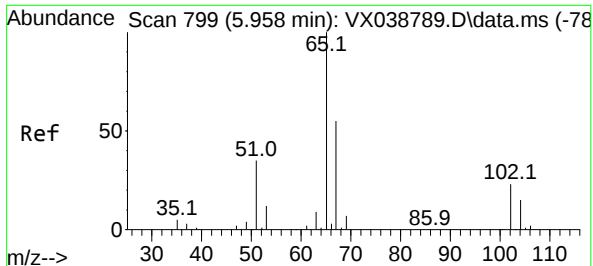


#32
1,1,1-Trichloroethane
Concen: 49.025 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 97 Resp: 123835

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.1	76.7
61	45.1	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 48.694 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

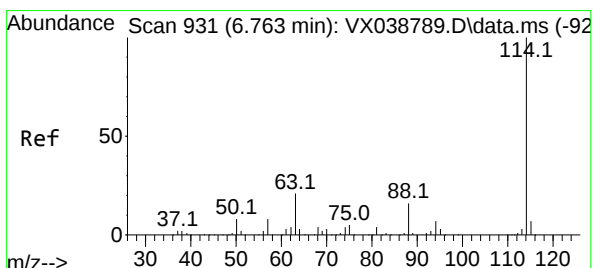
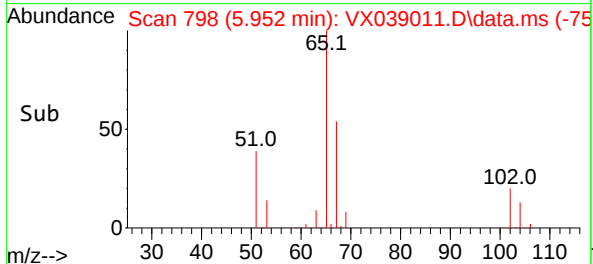
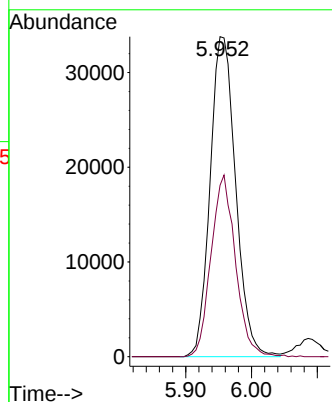
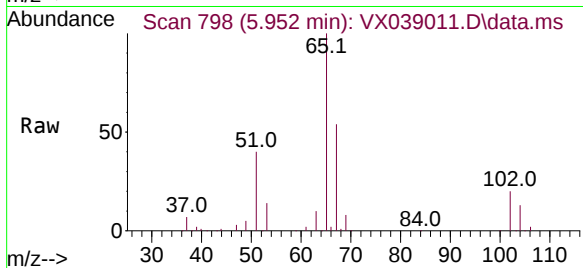
VSTDCCC050EC

Tgt Ion: 65 Resp: 91535

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

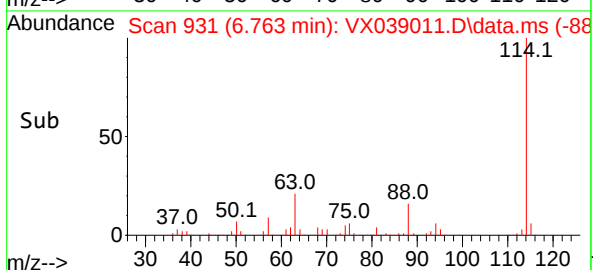
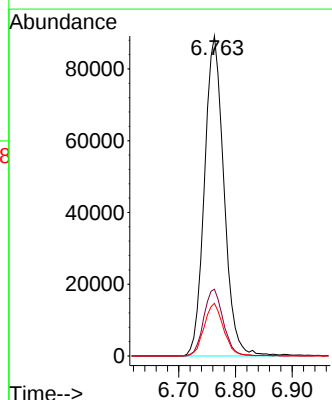
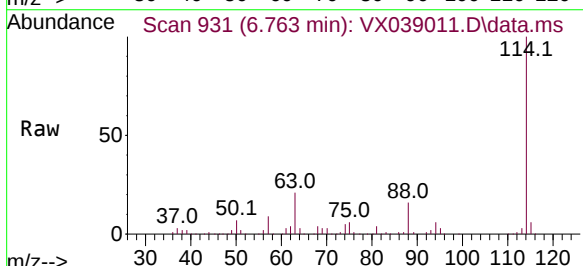
Tgt Ion: 114 Resp: 211976

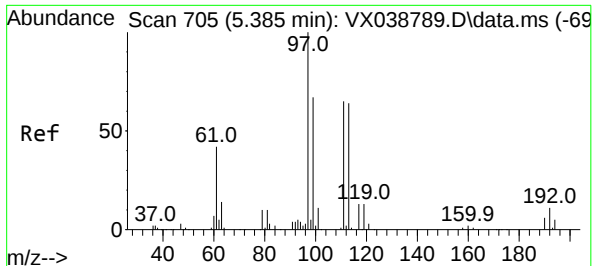
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.4 0.0 36.6

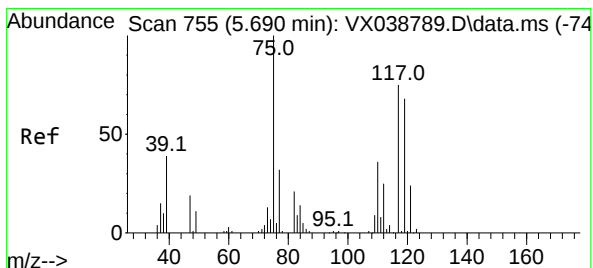
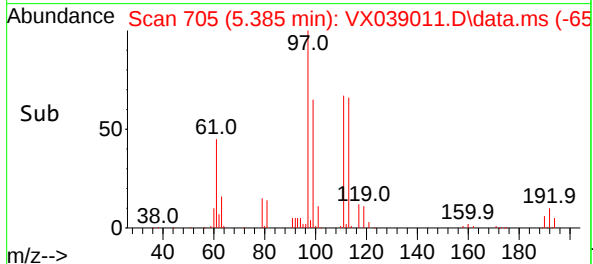
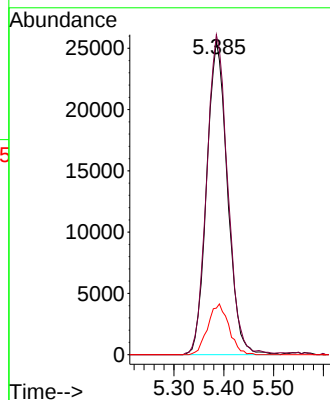
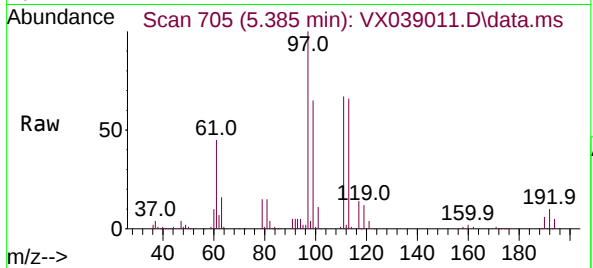




#35
Dibromofluoromethane
Concen: 48.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

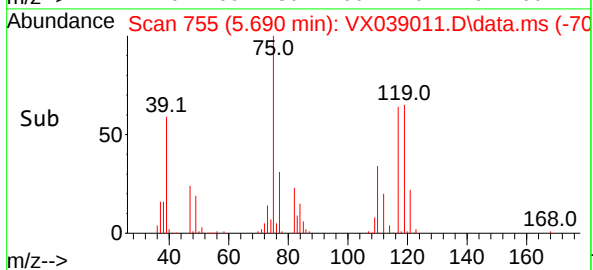
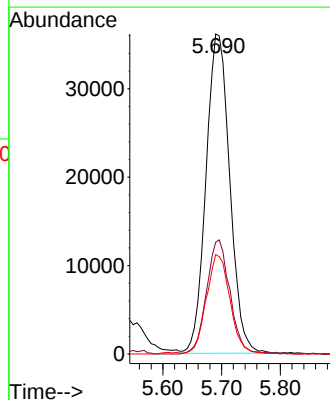
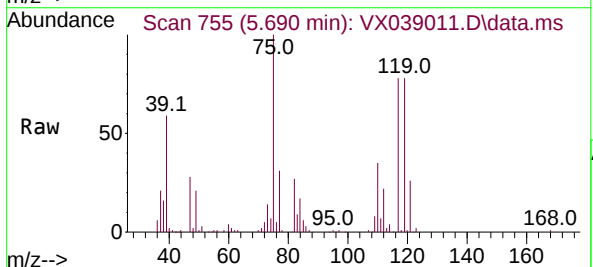
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

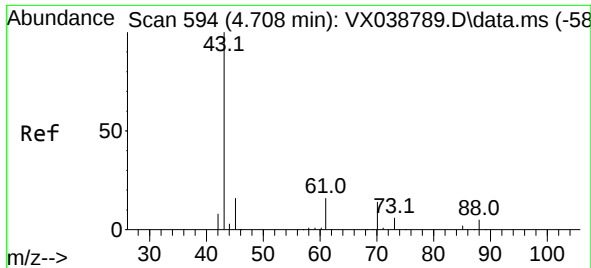
Tgt Ion:113 Resp: 74044
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.366 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 75 Resp: 101737
Ion Ratio Lower Upper
75 100
110 35.0 17.0 50.9
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 49.756 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

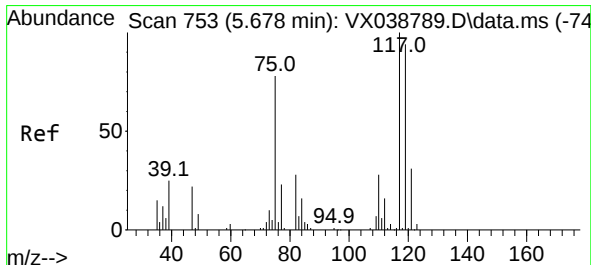
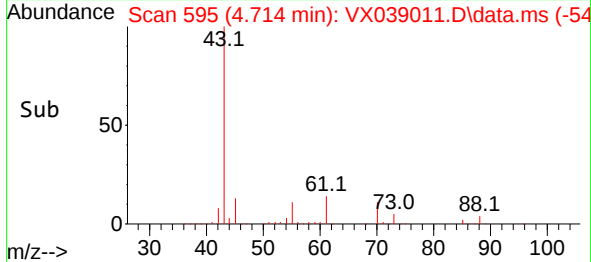
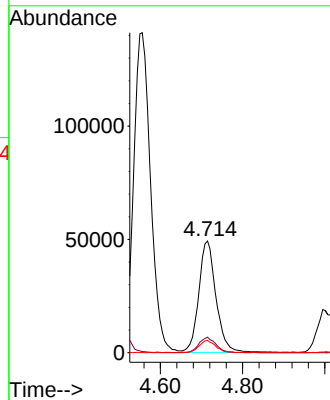
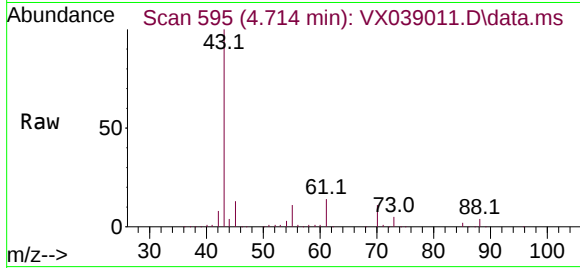
Tgt Ion: 43 Resp: 142238

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.547 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

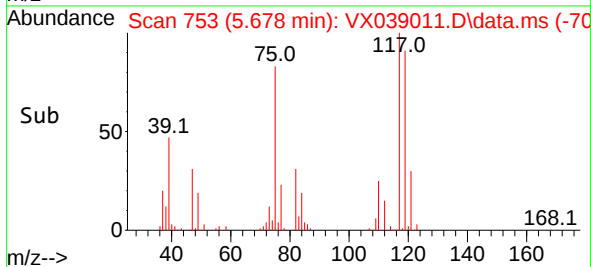
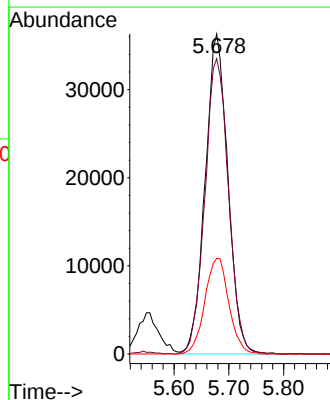
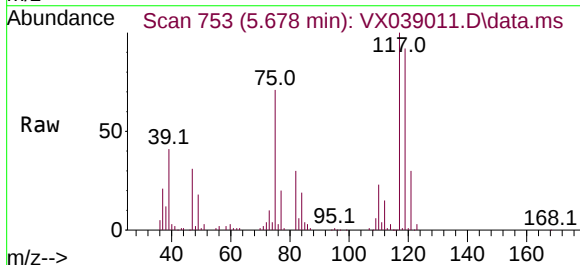
Tgt Ion: 117 Resp: 104533

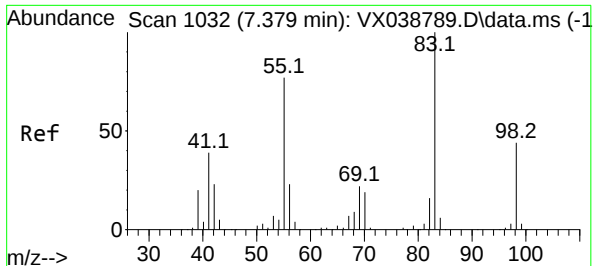
Ion Ratio Lower Upper

117 100

119 92.2 78.2 117.2

121 29.8 24.4 36.6





#39

Methylcyclohexane

Concen: 43.036 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

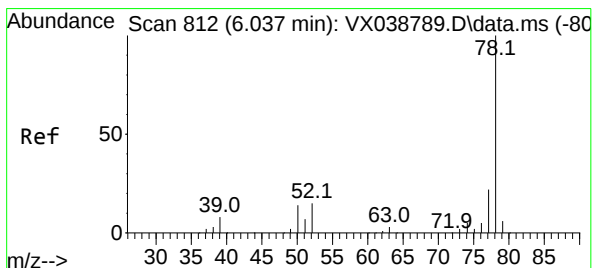
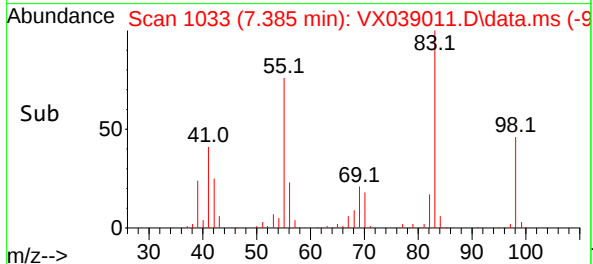
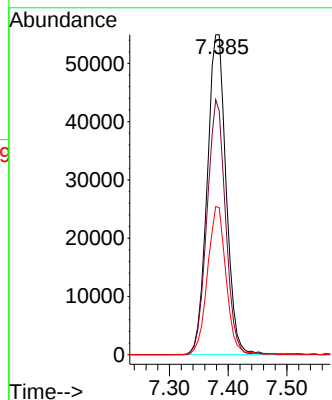
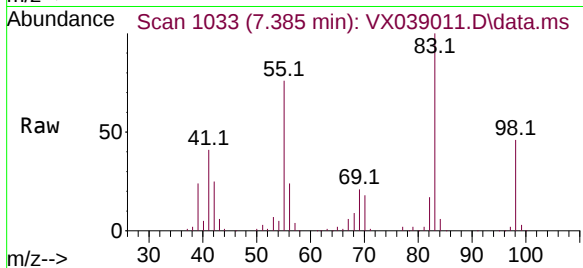
Tgt Ion: 83 Resp: 123174

Ion Ratio Lower Upper

83 100

55 76.0 64.6 97.0

98 46.0 36.7 55.1



#40

Benzene

Concen: 46.820 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039011.D

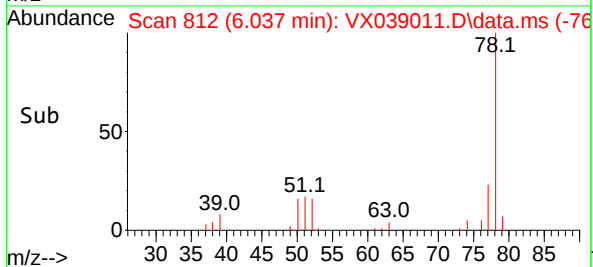
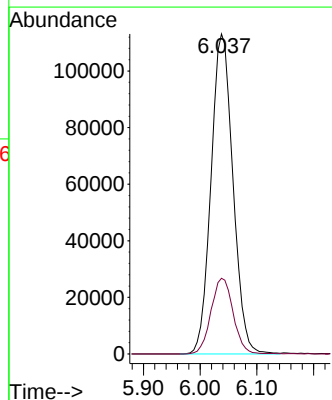
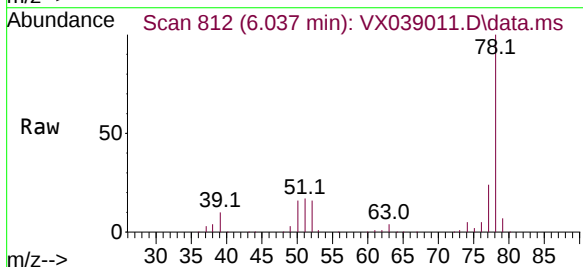
Acq: 22 Nov 2023 18:51

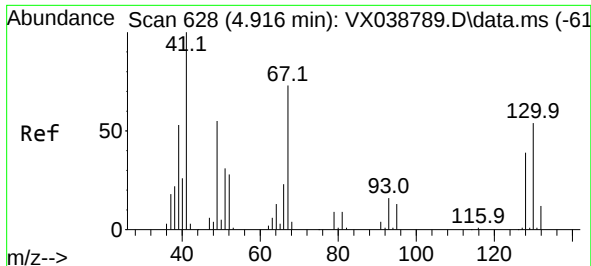
Tgt Ion: 78 Resp: 303851

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

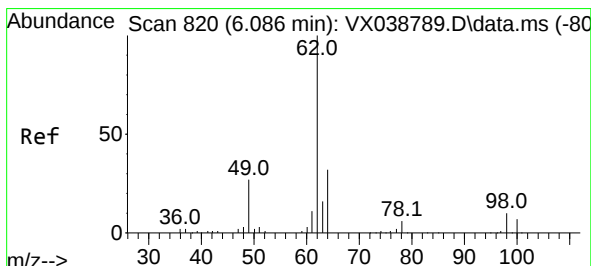
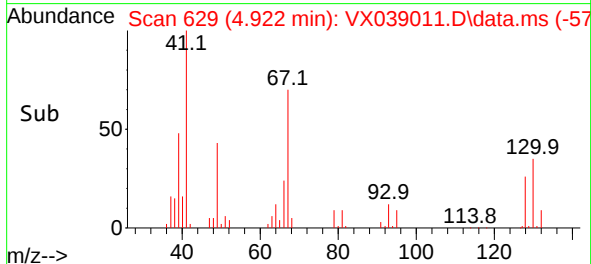
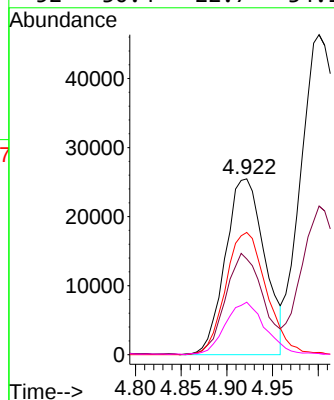
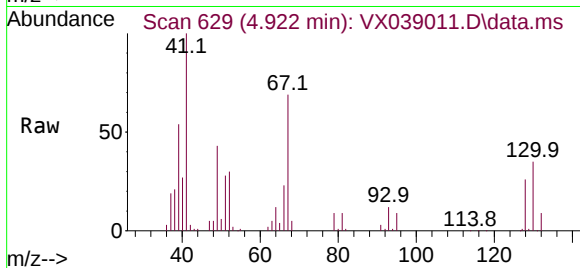




#41
Methacrylonitrile
Concen: 51.541 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

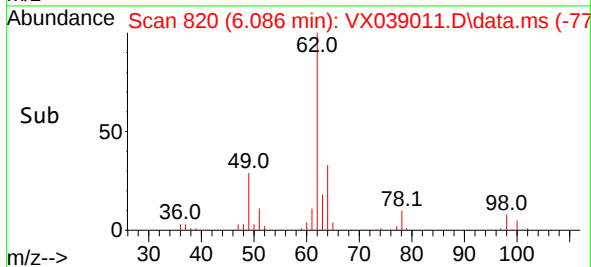
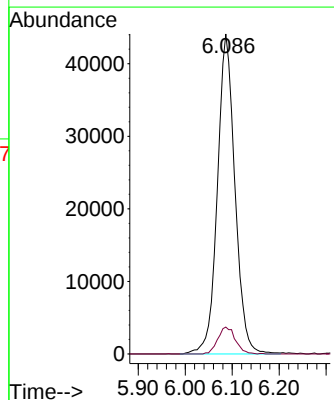
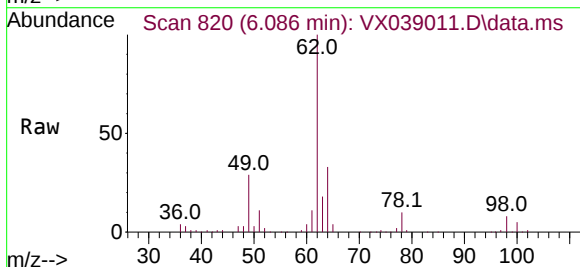
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

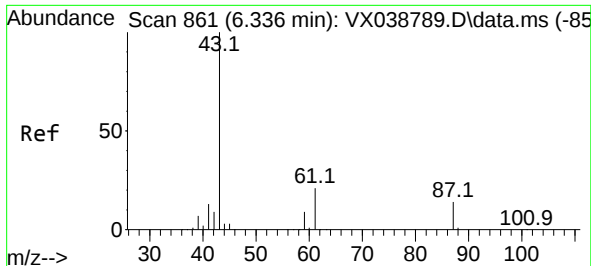
Tgt Ion:	41	Resp:	76418
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.2	67.8
67	72.2	52.6	78.8
52	30.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 53.230 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:	62	Resp:	114454
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.0

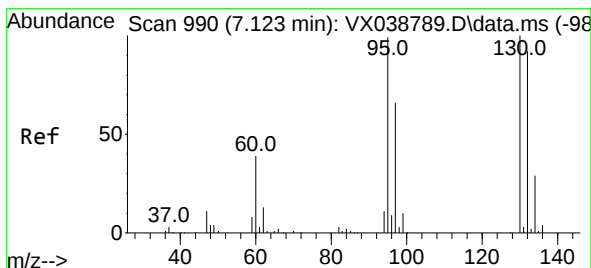
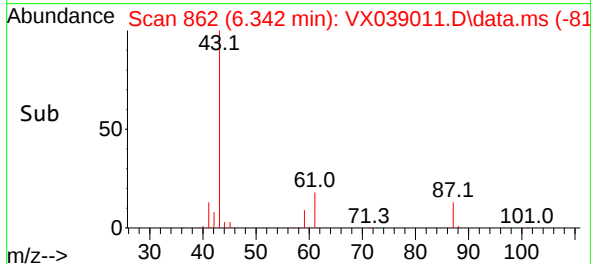
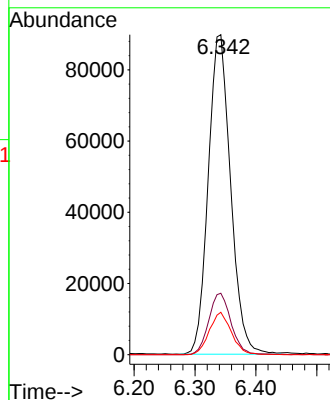
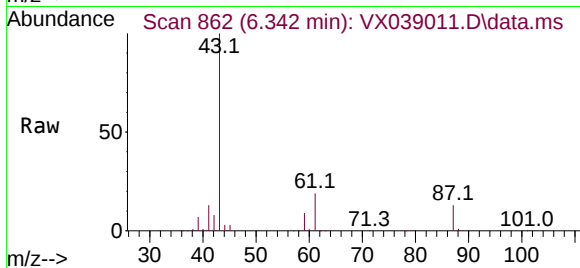




#43
Isopropyl Acetate
Concen: 50.137 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

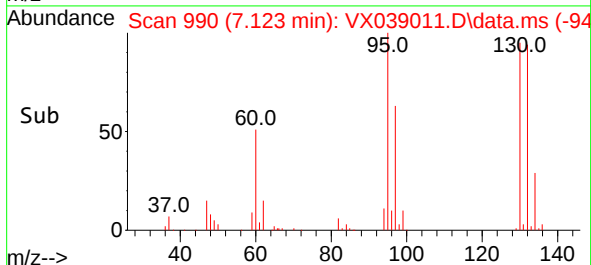
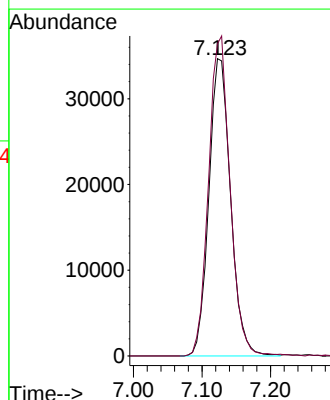
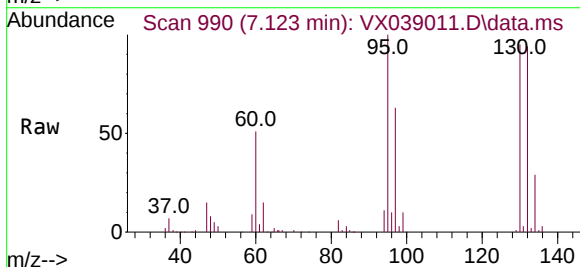
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

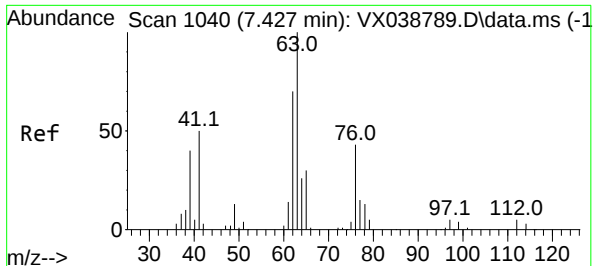
Tgt Ion: 43 Resp: 229058
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 13.1 9.8 14.6



#44
Trichloroethene
Concen: 48.453 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:130 Resp: 76540
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.237 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

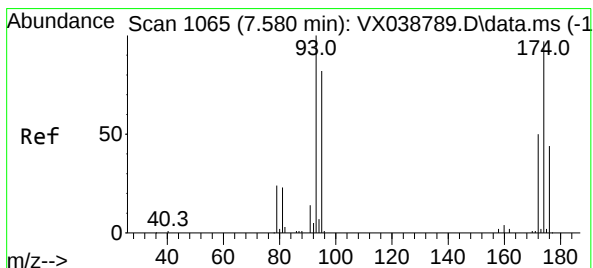
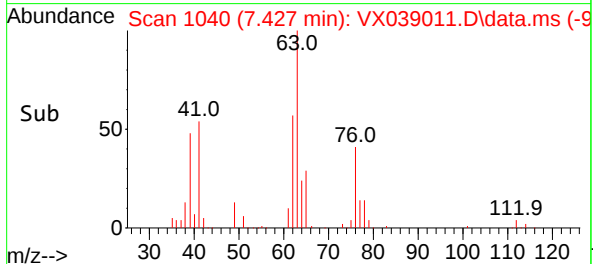
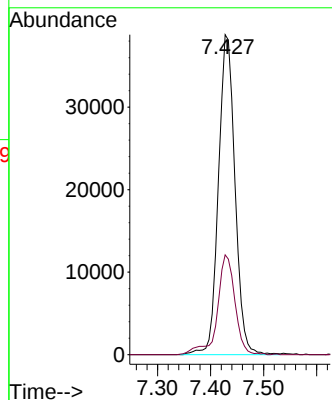
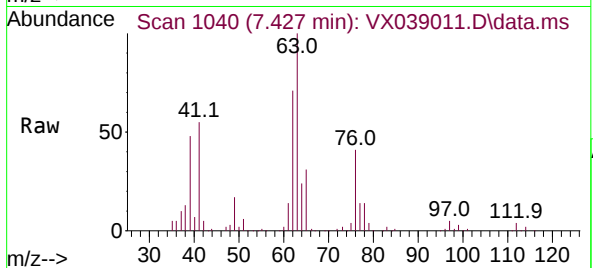
VSTDCCC050EC

Tgt Ion: 63 Resp: 84244

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 50.129 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

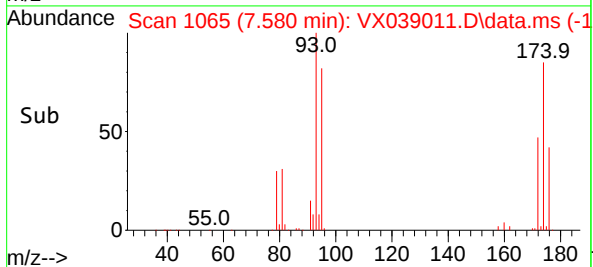
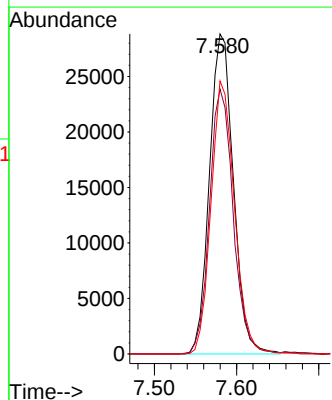
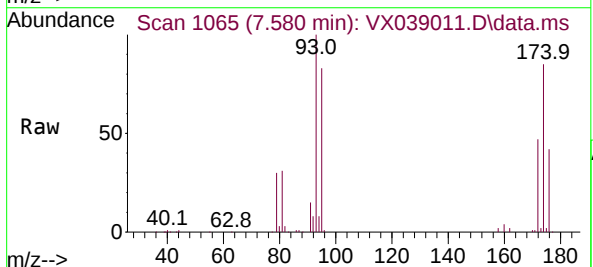
Tgt Ion: 93 Resp: 58383

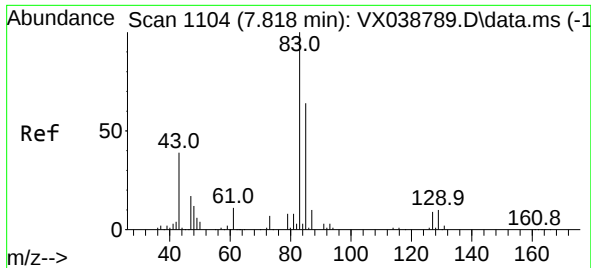
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 83.6 69.4 104.0

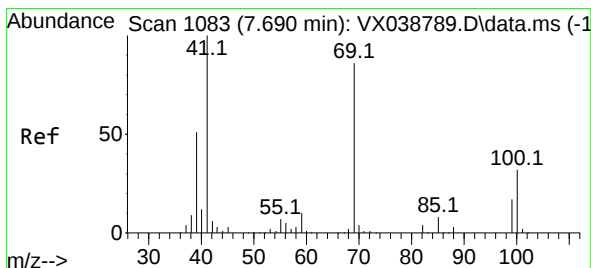
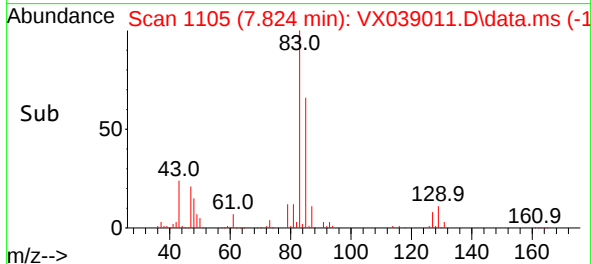
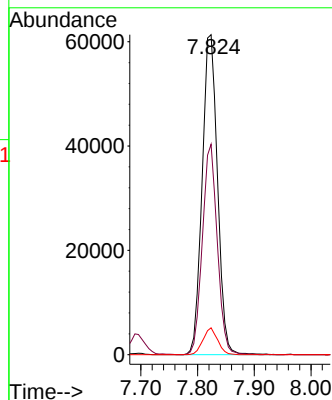
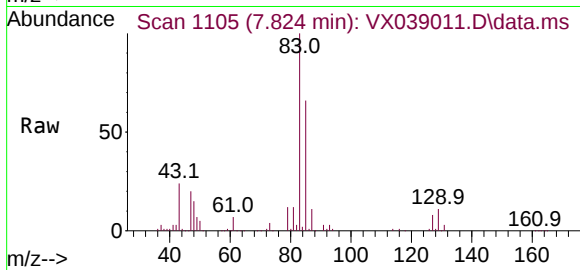




#47
Bromodichloromethane
Concen: 49.943 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

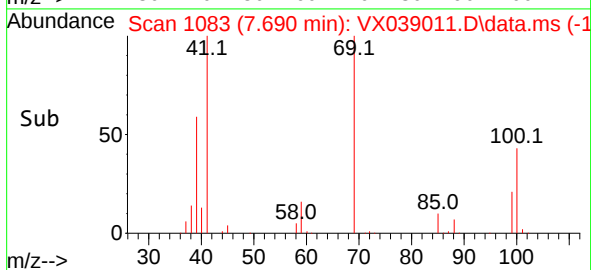
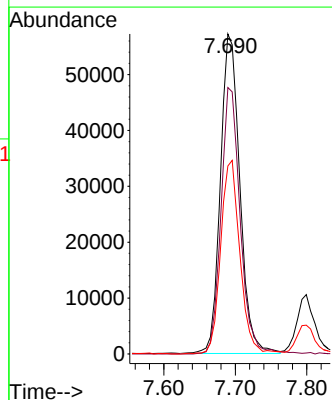
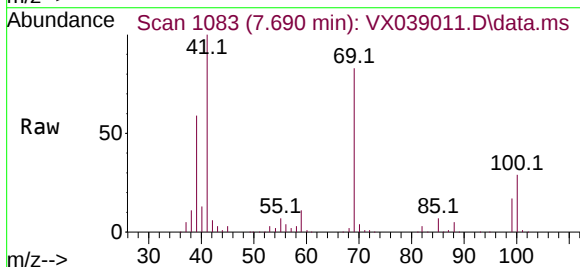
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

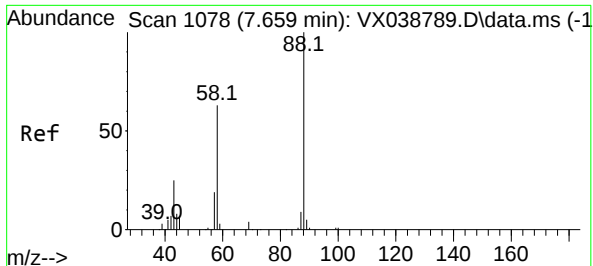
Tgt Ion: 83 Resp: 115447
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 48.670 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 41 Resp: 107884
Ion Ratio Lower Upper
41 100
69 82.2 59.2 88.8
39 60.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1068.373 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

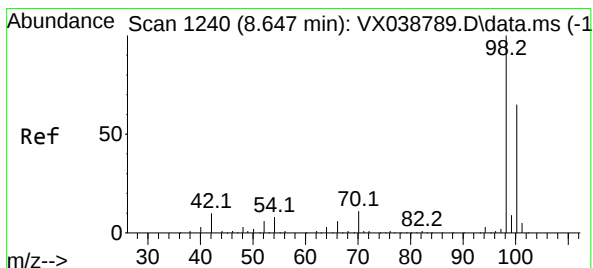
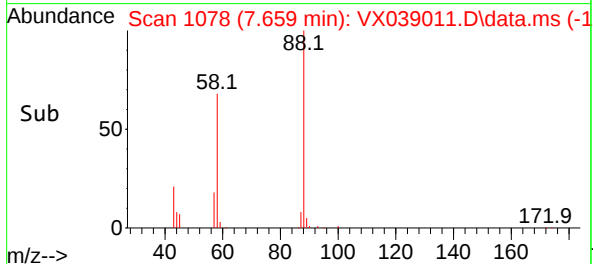
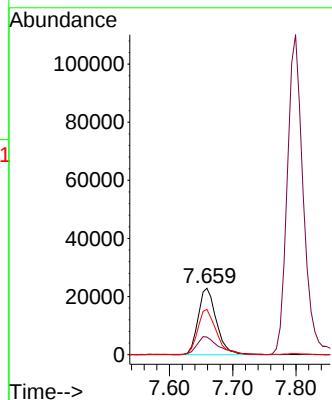
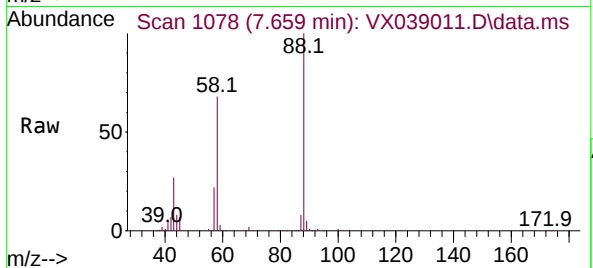
Tgt Ion: 88 Resp: 45816

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 69.6 60.1 90.1



#50

Toluene-d8

Concen: 46.676 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039011.D

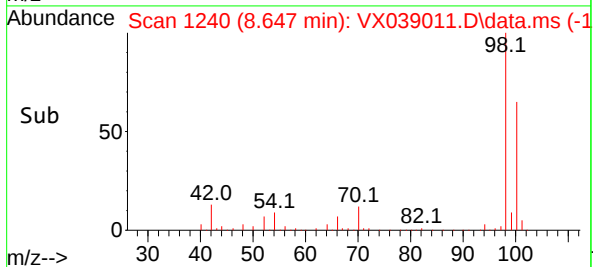
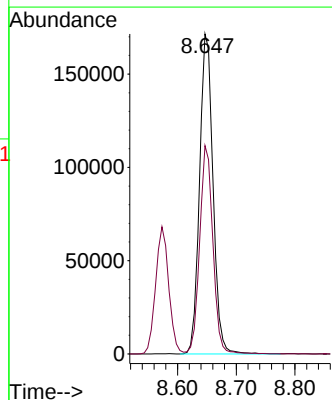
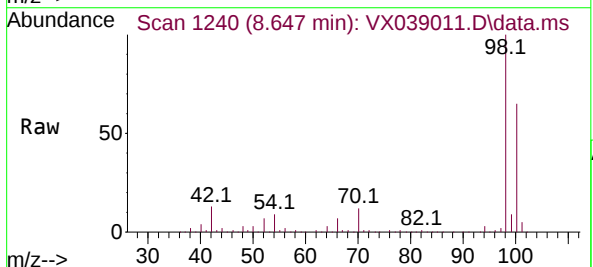
Acq: 22 Nov 2023 18:51

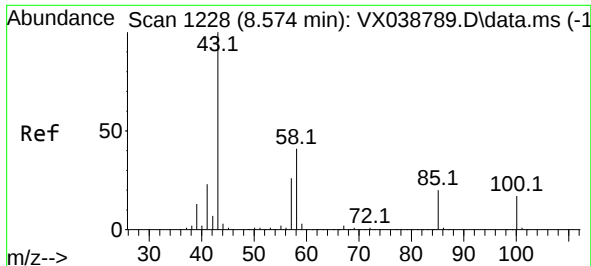
Tgt Ion: 98 Resp: 273405

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

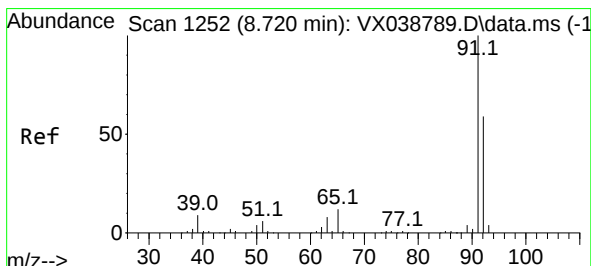
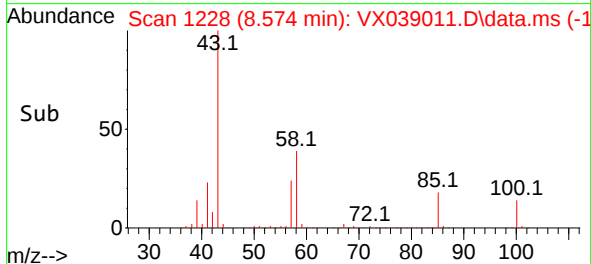
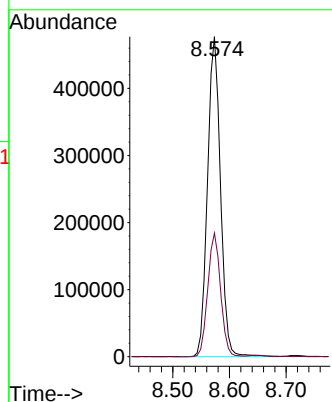
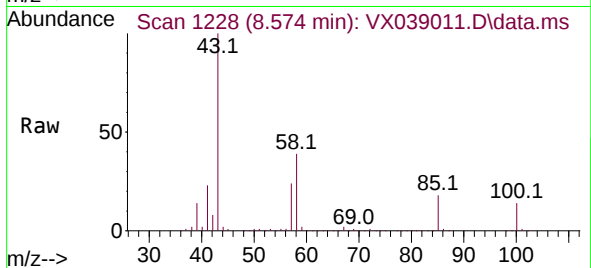




#51
4-Methyl-2-Pentanone
Concen: 259.144 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

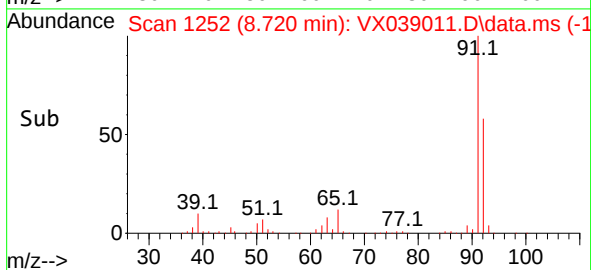
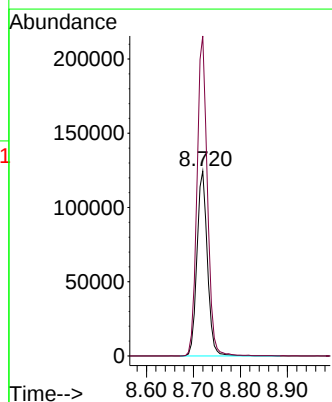
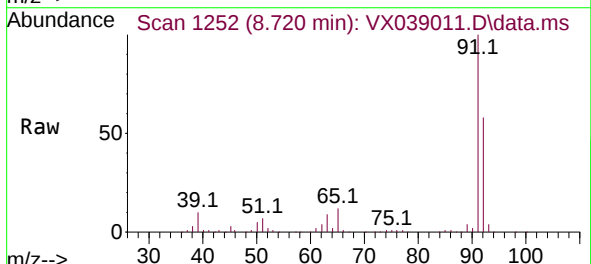
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

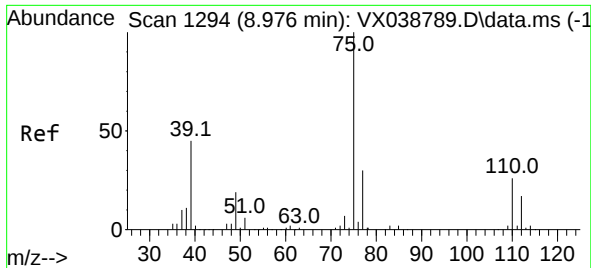
Tgt Ion: 43 Resp: 756597
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 47.955 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 92 Resp: 193125
Ion Ratio Lower Upper
92 100
91 172.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.419 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

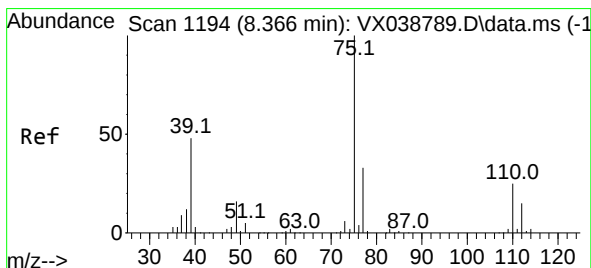
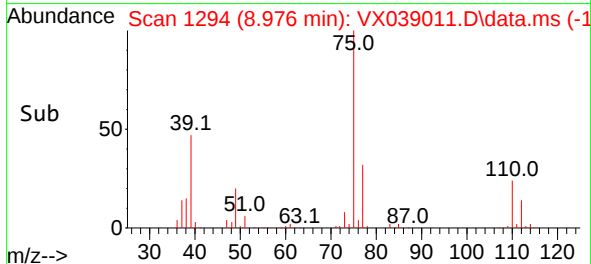
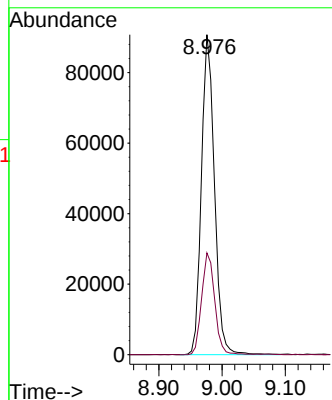
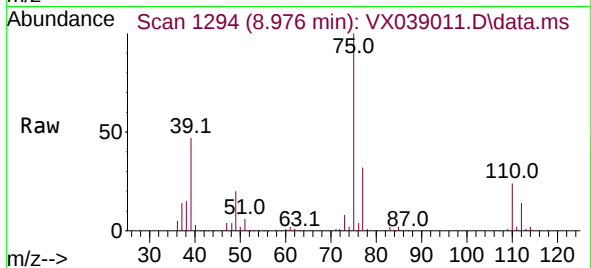
VSTDCCC050EC

Tgt Ion: 75 Resp: 130261

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 47.924 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

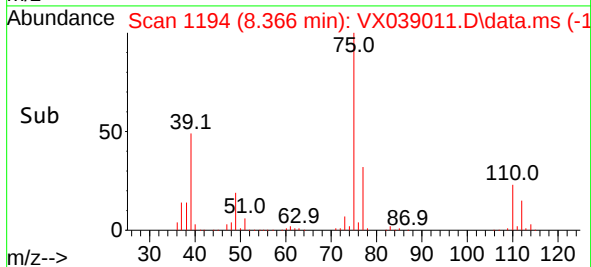
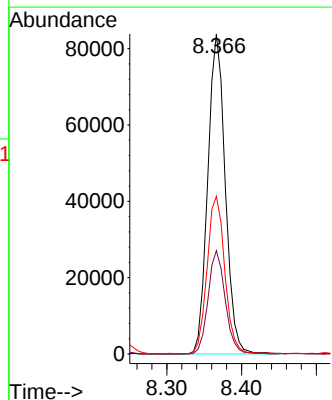
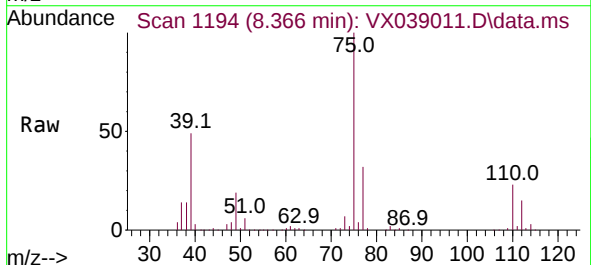
Tgt Ion: 75 Resp: 135986

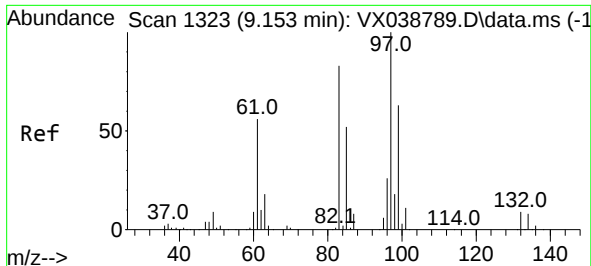
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 49.2 46.7 70.1

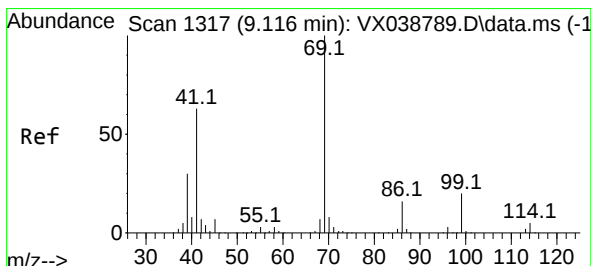
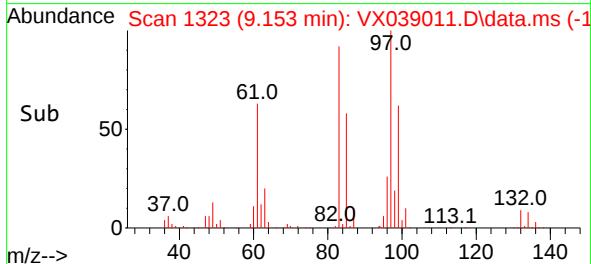
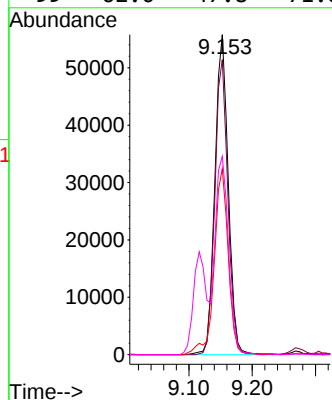
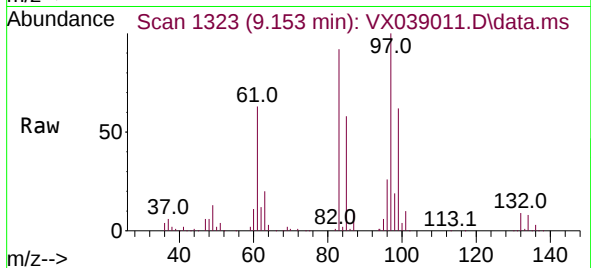




#55
1,1,2-Trichloroethane
Concen: 48.588 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

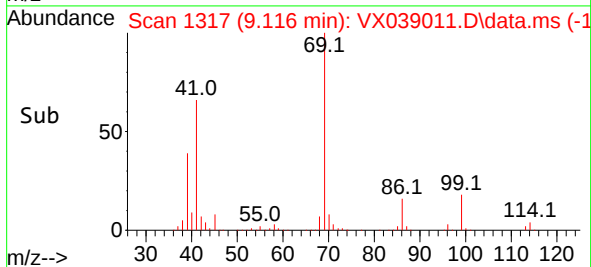
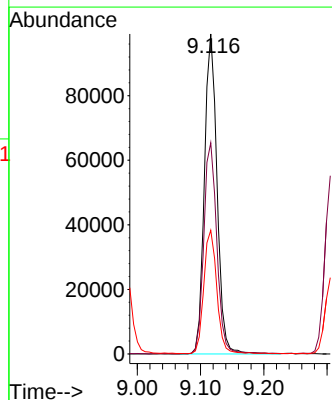
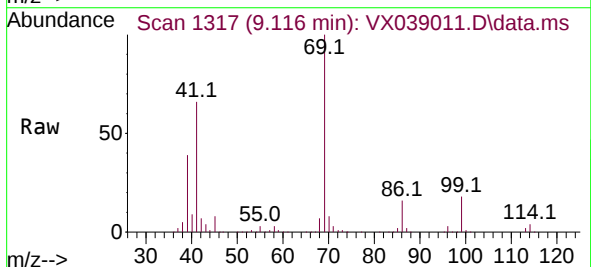
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

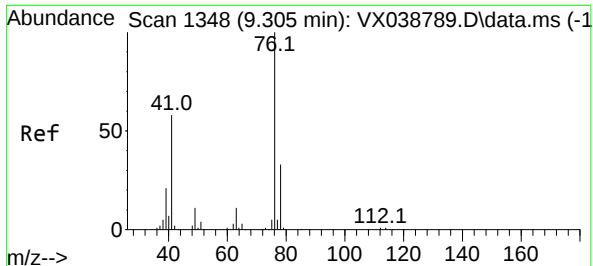
Tgt Ion:	97	Resp:	81647
Ion	Ratio	Lower	Upper
97	100		
83	92.2	65.8	98.8
85	58.1	41.6	62.4
99	62.0	47.8	71.8



#56
Ethyl methacrylate
Concen: 48.565 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:	69	Resp:	138079
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.8	85.2
39	39.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.776 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

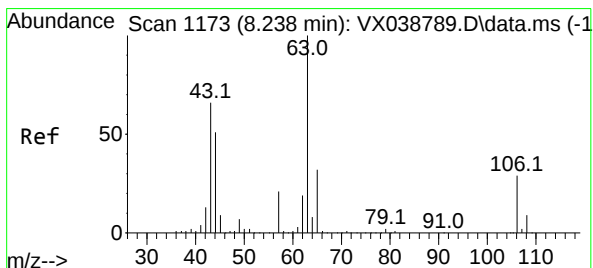
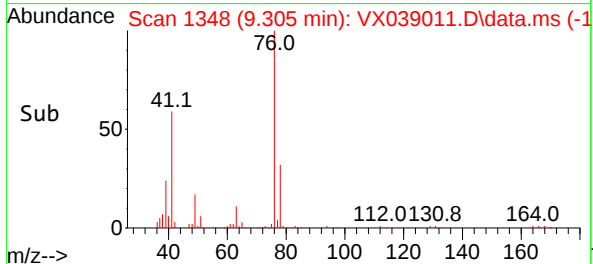
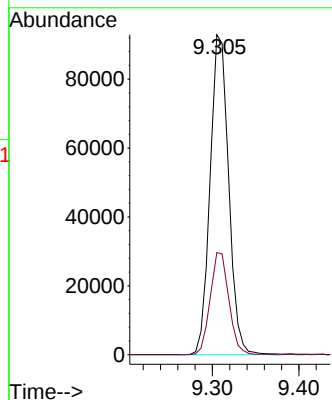
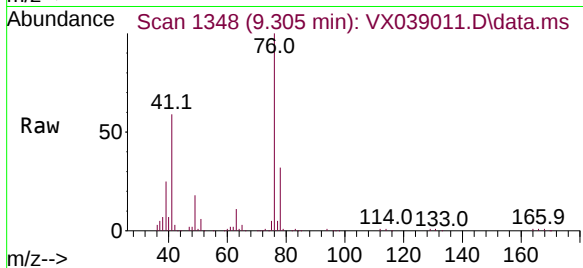
VSTDCCC050EC

Tgt Ion: 76 Resp: 138332

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 238.576 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039011.D

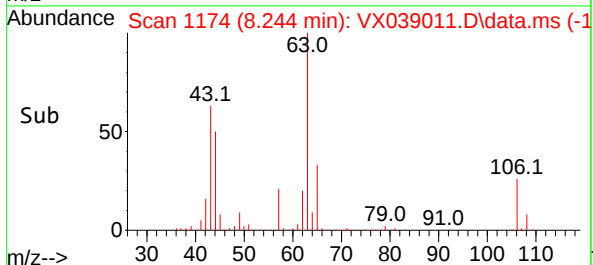
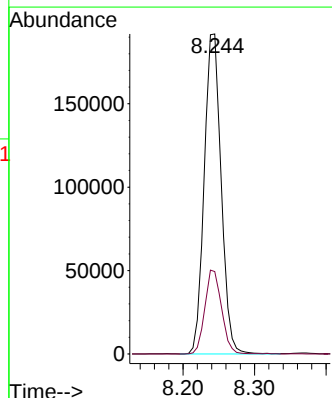
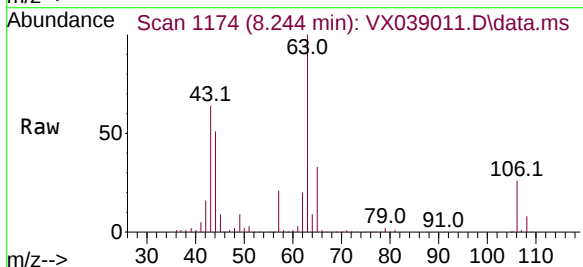
Acq: 22 Nov 2023 18:51

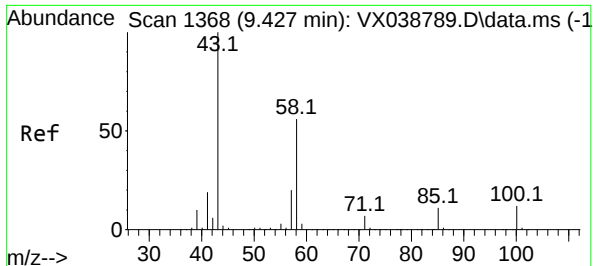
Tgt Ion: 63 Resp: 315984

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7

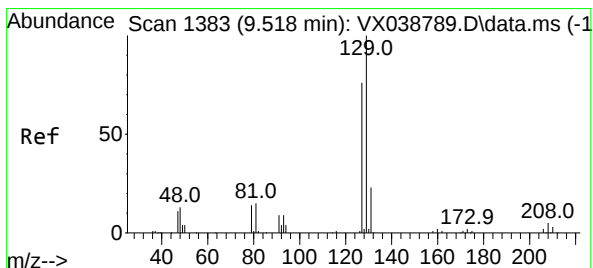
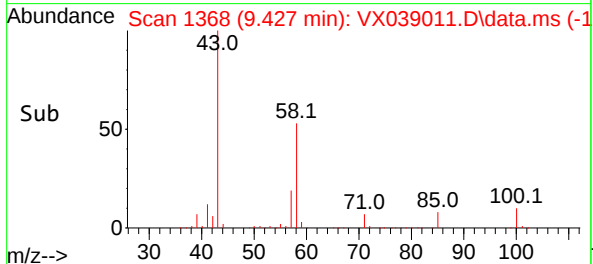
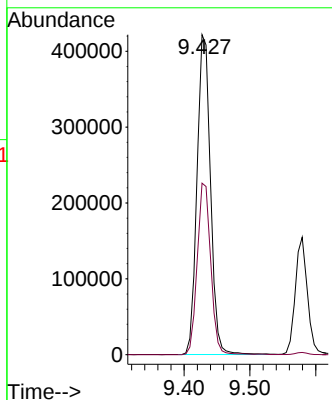
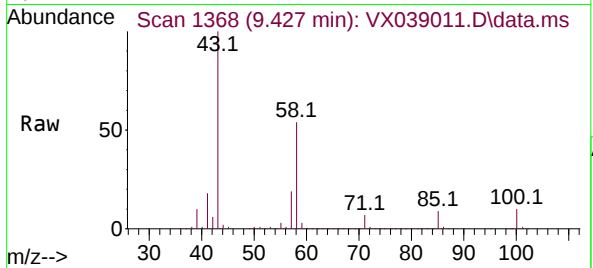




#59
2-Hexanone
Concen: 255.988 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

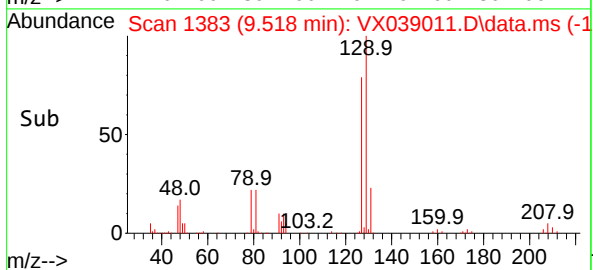
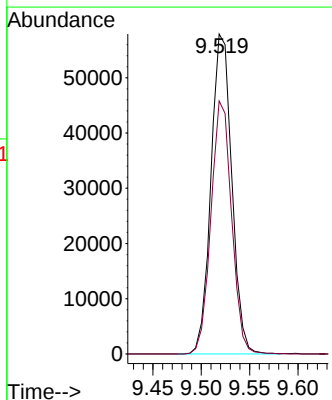
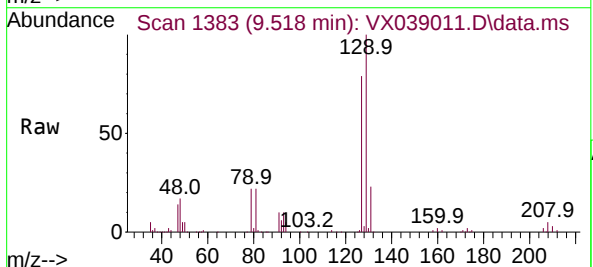
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

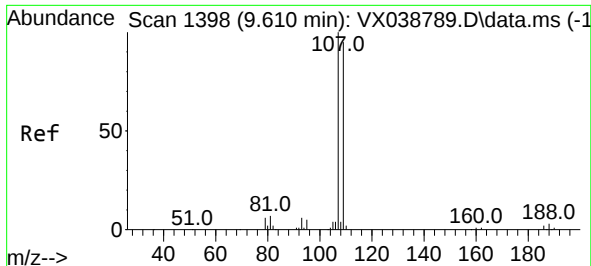
Tgt Ion: 43 Resp: 599048
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 50.697 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 129 Resp: 86621
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

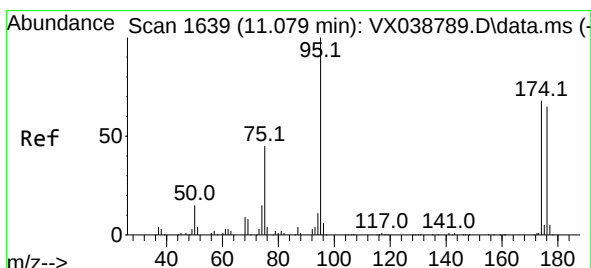
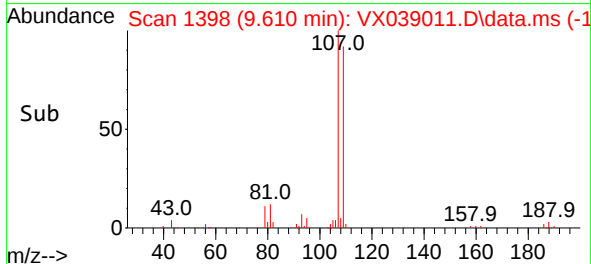
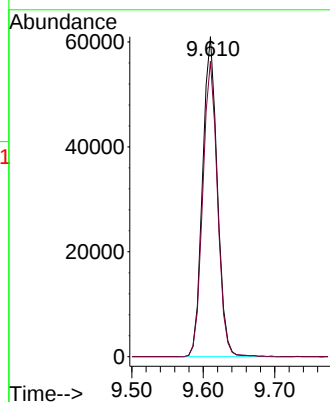
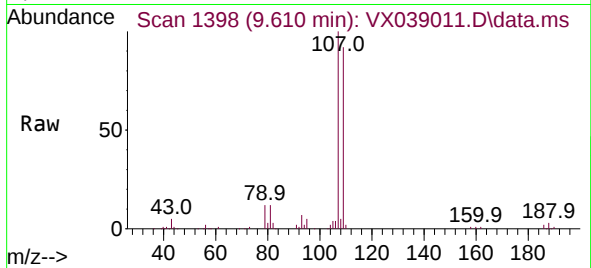




#61
1,2-Dibromoethane
Concen: 49.667 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

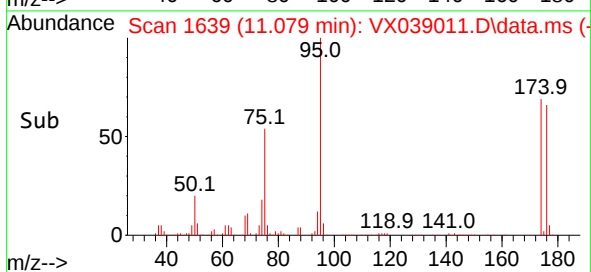
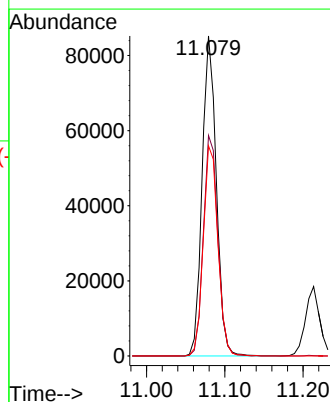
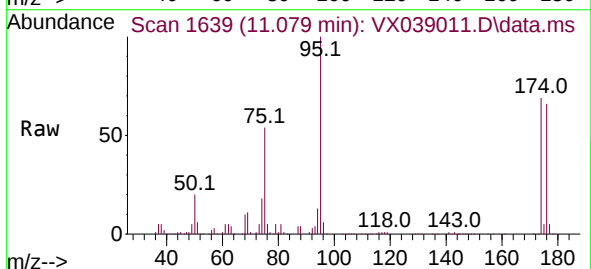
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

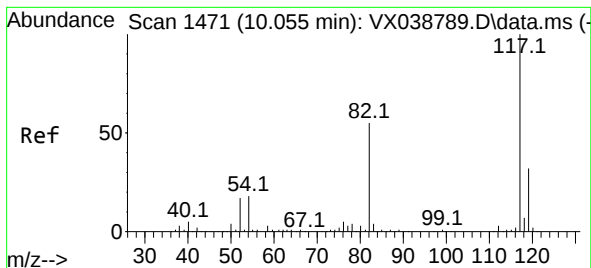
Tgt Ion:107 Resp: 87577
Ion Ratio Lower Upper
107 100
109 92.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 45.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 95 Resp: 107228
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.6
176 67.8 0.0 131.0

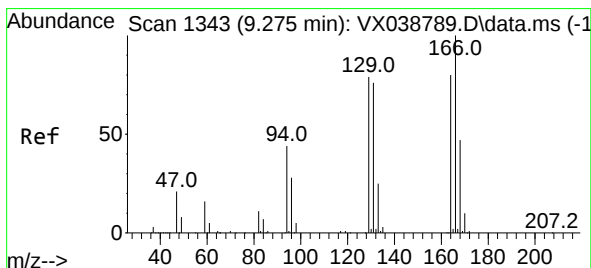
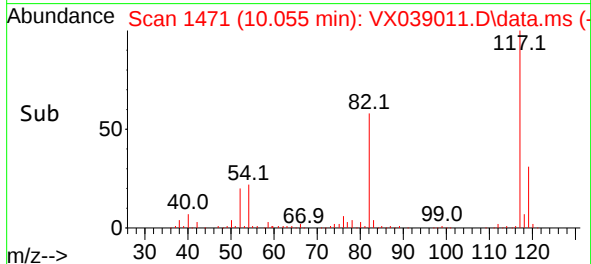
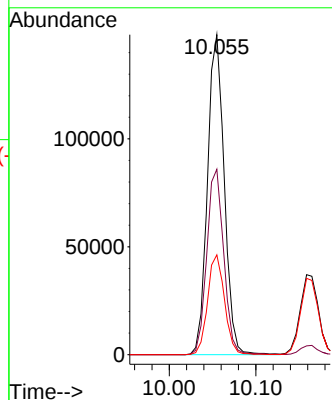
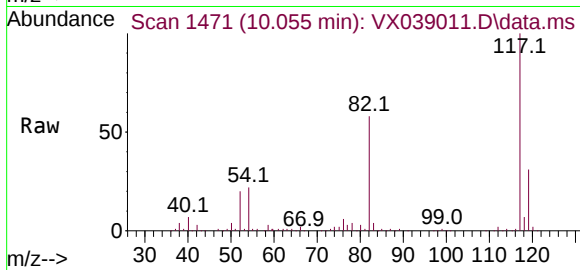




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

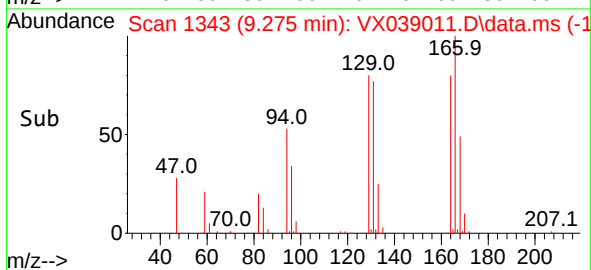
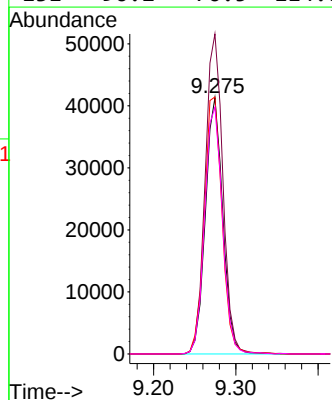
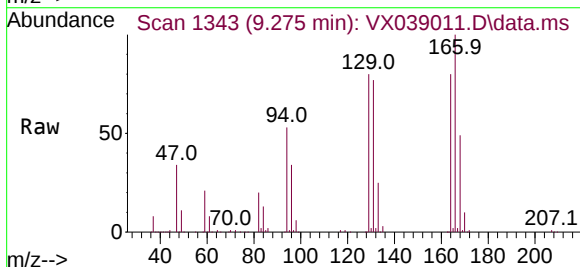
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

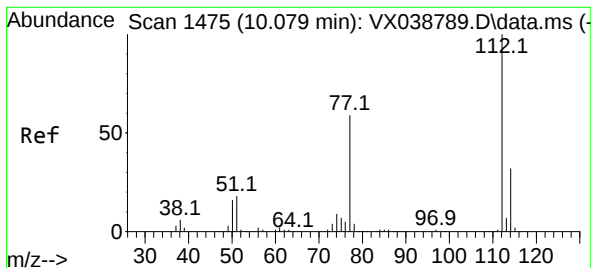
Tgt Ion:117 Resp: 199409
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 49.128 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:164 Resp: 60894
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 100.3 80.4 120.6
131 96.2 76.5 114.7

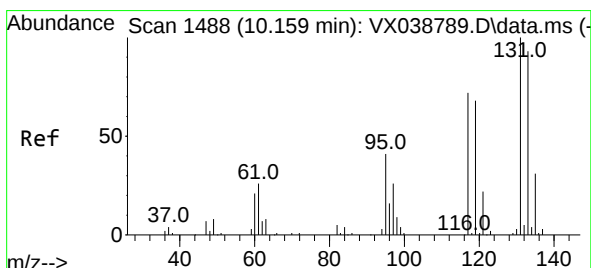
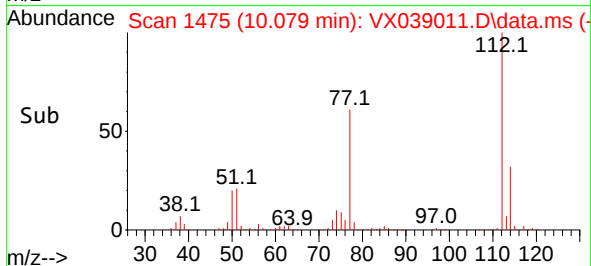
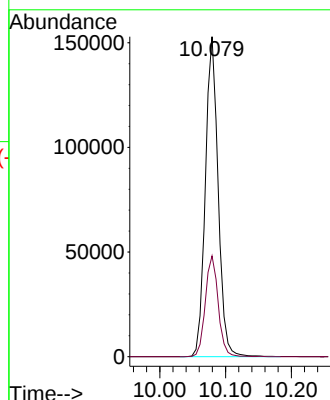
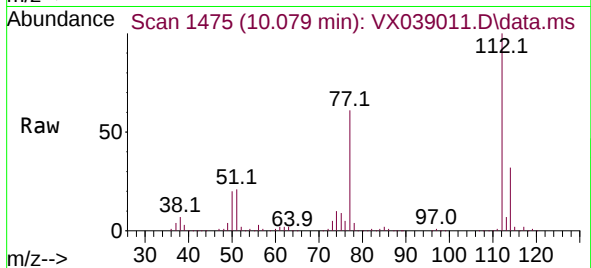




#65
Chlorobenzene
Concen: 48.040 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

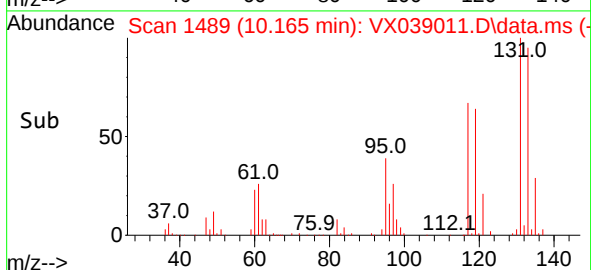
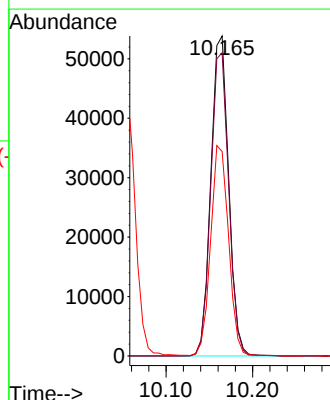
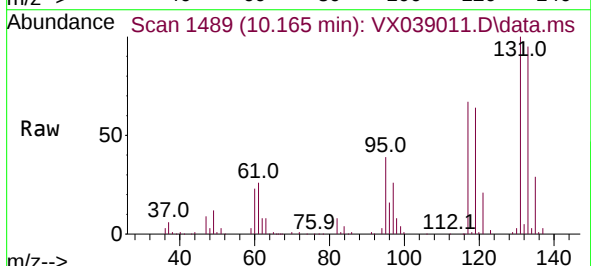
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

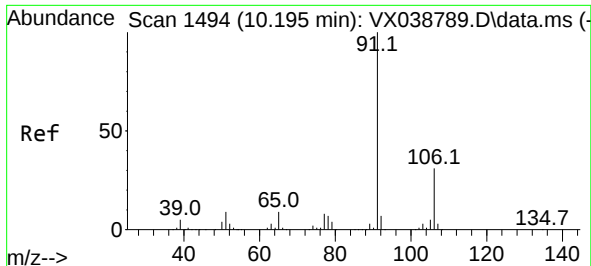
Tgt Ion:112 Resp: 206353
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.827 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:131 Resp: 76990
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 66.3 32.2 96.6





#67

Ethyl Benzene

Concen: 48.697 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

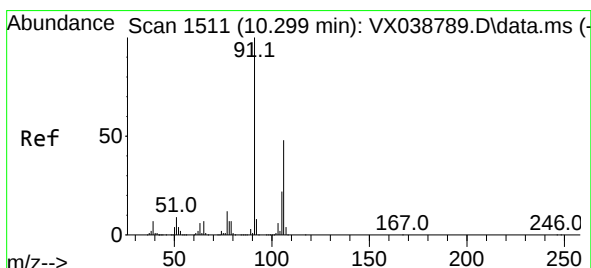
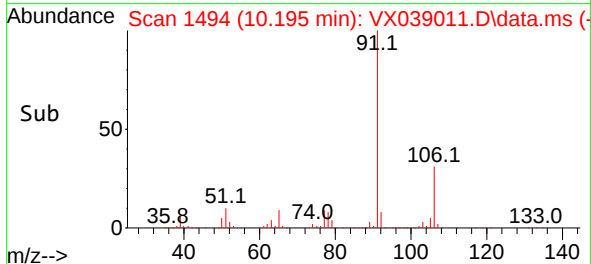
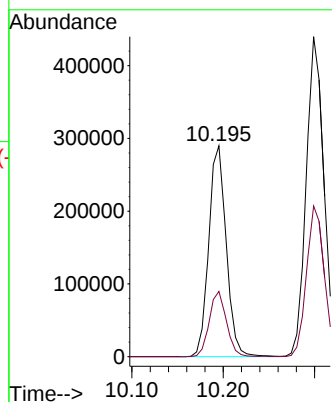
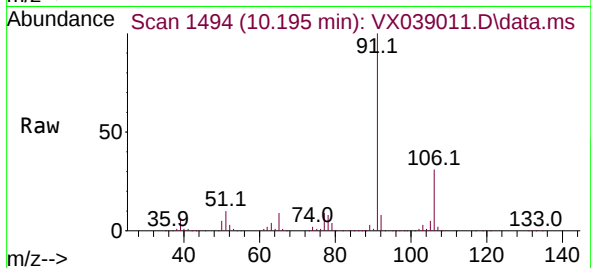
VSTDCCC050EC

Tgt Ion: 91 Resp: 384313

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 94.851 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039011.D

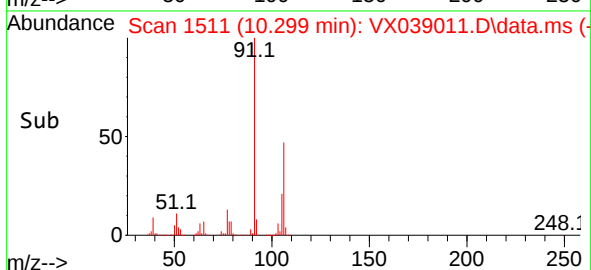
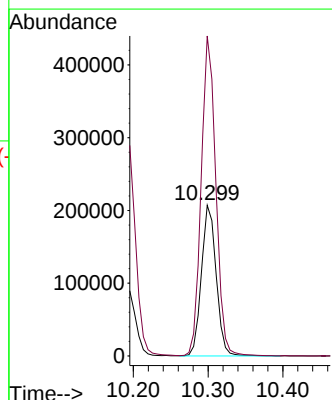
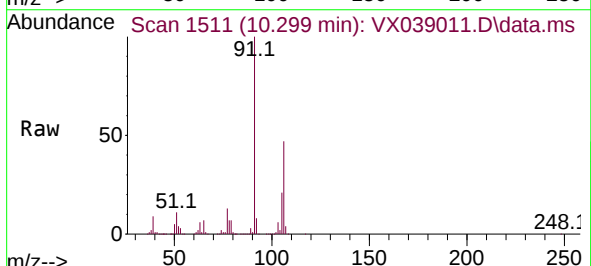
Acq: 22 Nov 2023 18:51

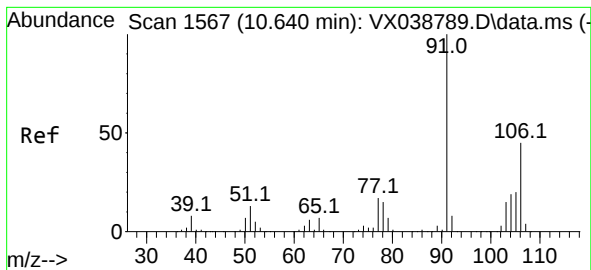
Tgt Ion: 106 Resp: 283161

Ion Ratio Lower Upper

106 100

91 210.9 165.5 248.3

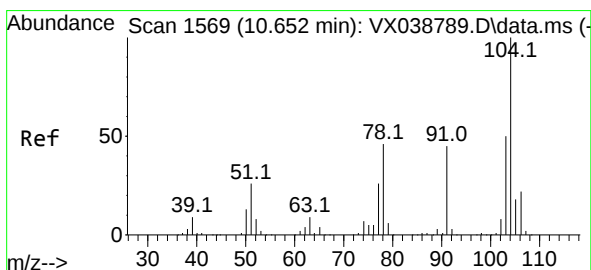
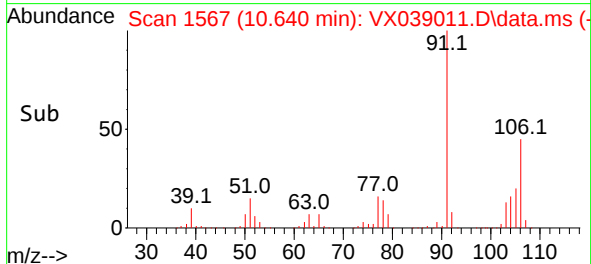
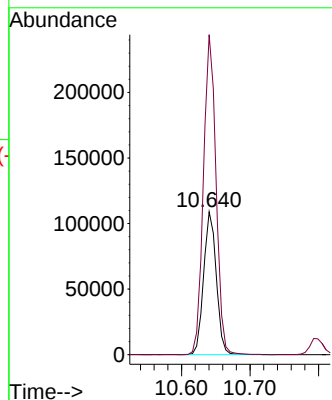
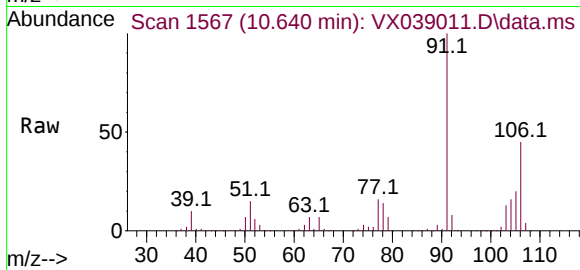




#69
o-Xylene
Concen: 47.572 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

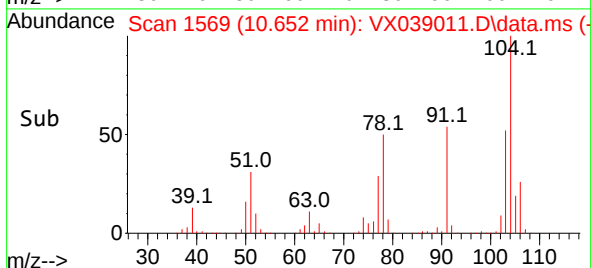
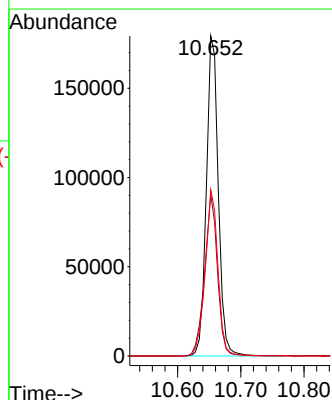
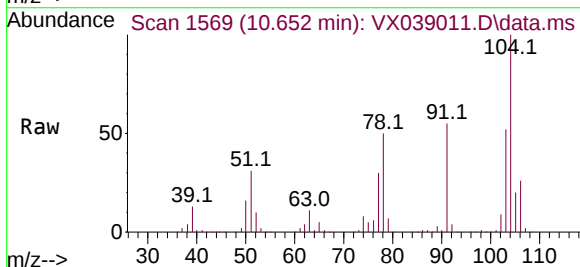
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

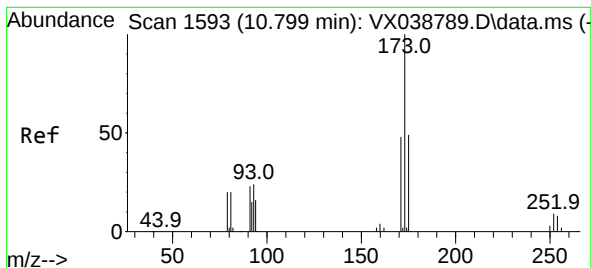
Tgt Ion:106 Resp: 140527
Ion Ratio Lower Upper
106 100
91 222.4 108.9 326.8



#70
Styrene
Concen: 47.323 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:104 Resp: 236083
Ion Ratio Lower Upper
104 100
78 54.4 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 49.630 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

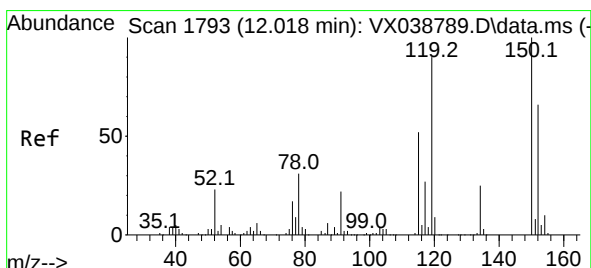
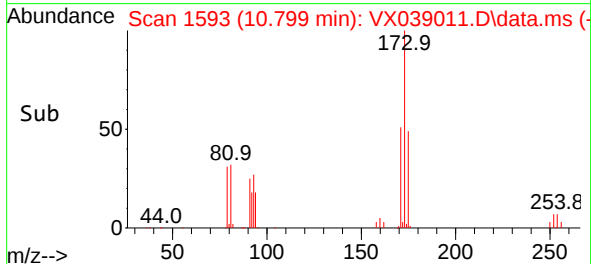
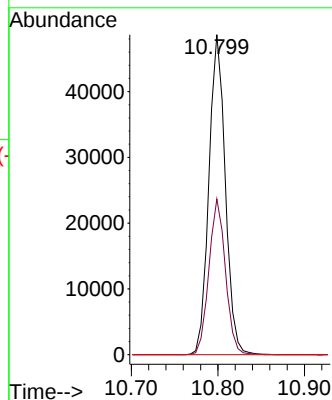
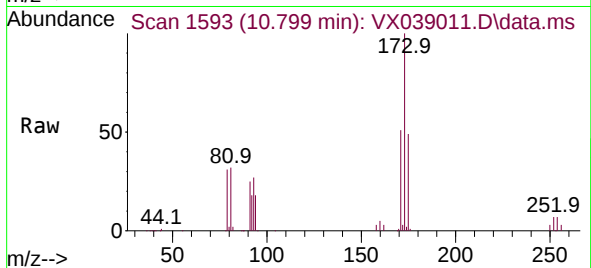
Tgt Ion:173 Resp: 63929

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

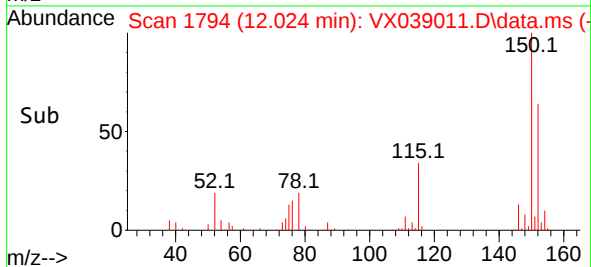
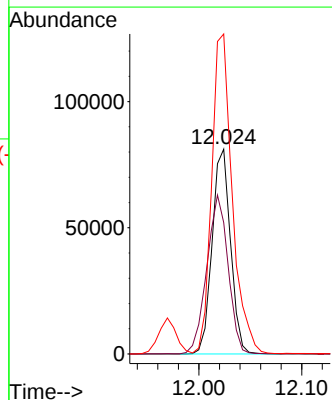
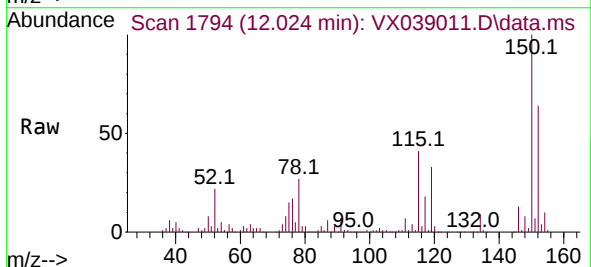
Tgt Ion:152 Resp: 100837

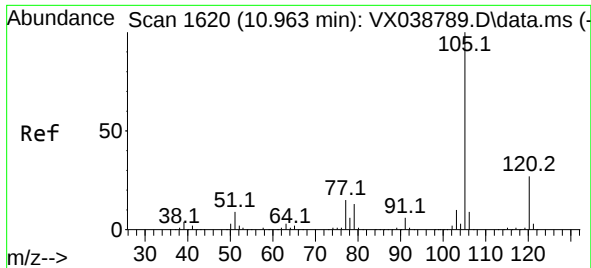
Ion Ratio Lower Upper

152 100

115 90.2 43.3 129.9

150 174.5 0.0 345.0

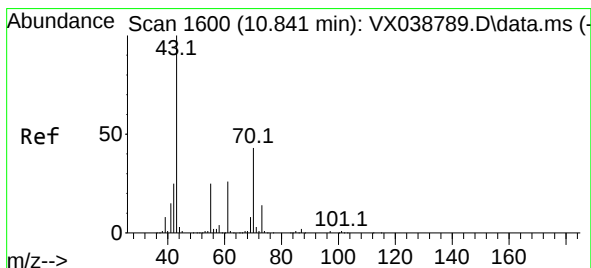
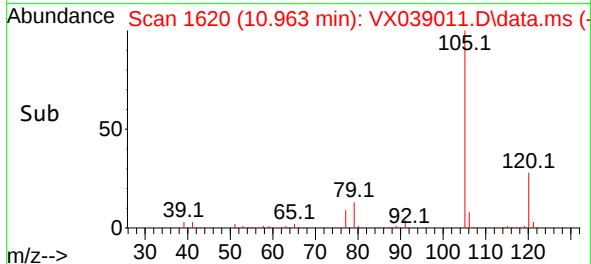
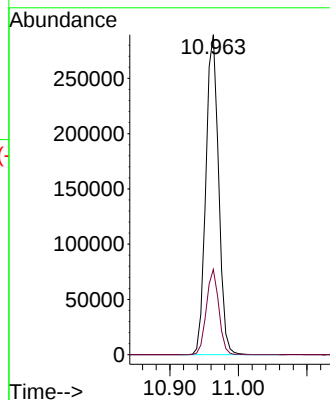
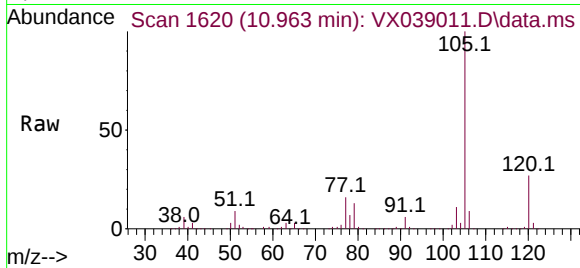




#73
Isopropylbenzene
Concen: 47.746 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

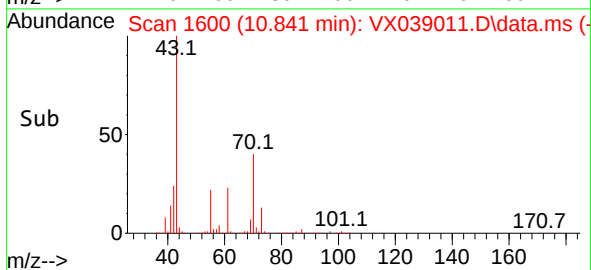
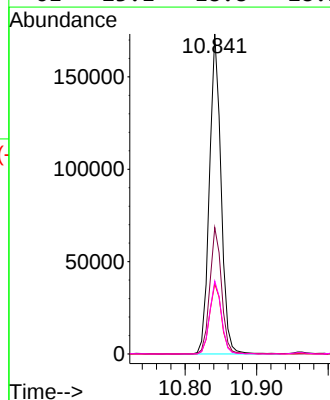
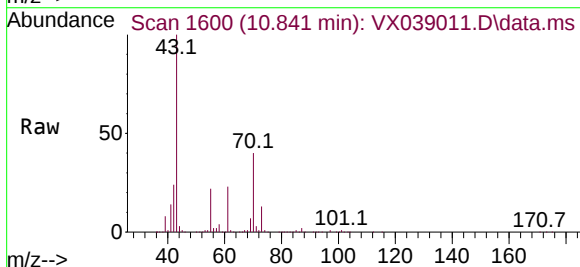
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

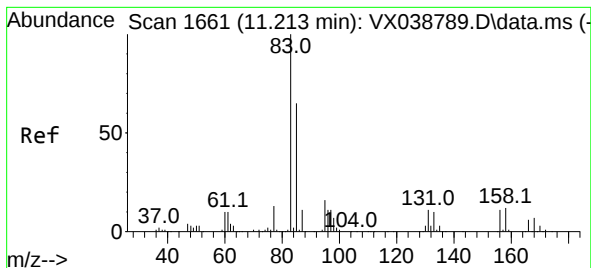
Tgt Ion:105 Resp: 375126
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 47.006 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 43 Resp: 195225
Ion Ratio Lower Upper
43 100
70 39.9 32.9 49.3
55 22.6 19.3 28.9
61 23.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.436 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

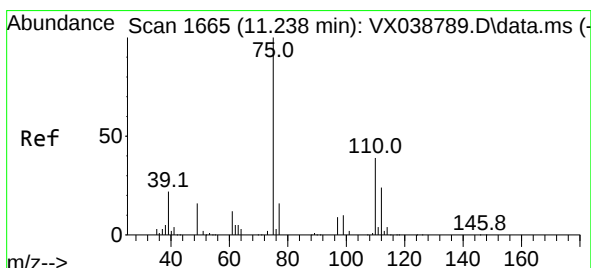
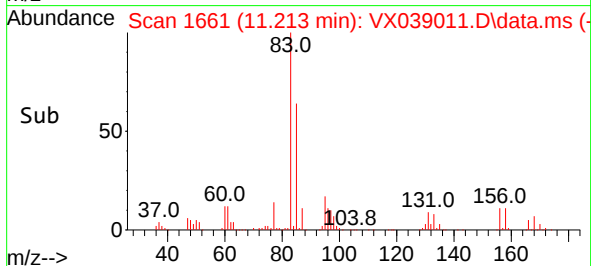
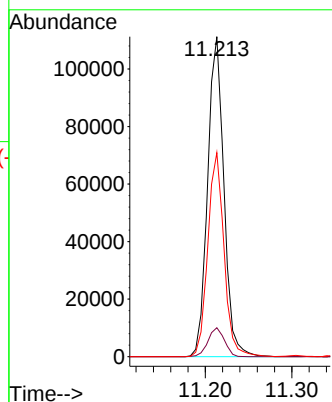
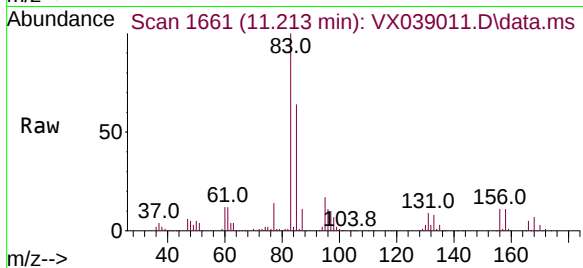
Tgt Ion: 83 Resp: 145484

Ion Ratio Lower Upper

83 100

131 9.1 5.3 15.8

85 63.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.677 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039011.D

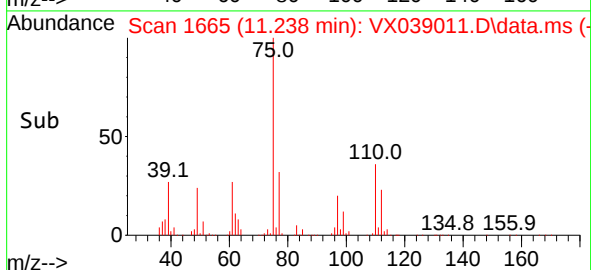
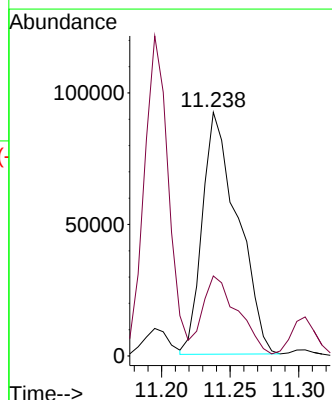
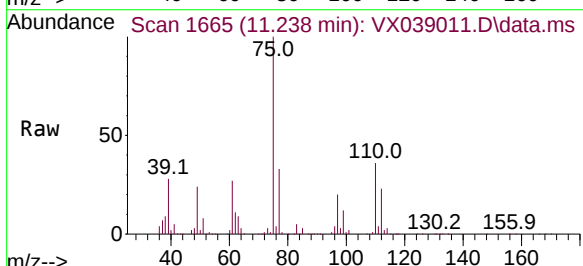
Acq: 22 Nov 2023 18:51

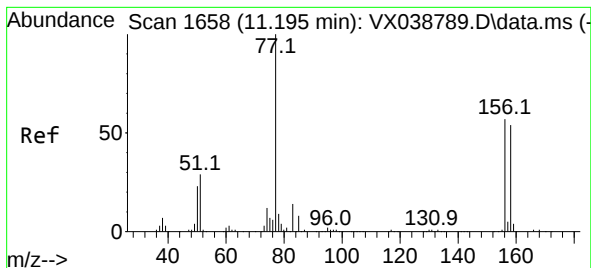
Tgt Ion: 75 Resp: 165235

Ion Ratio Lower Upper

75 100

77 33.2 19.1 57.5





#77

Bromobenzene

Concen: 48.597 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

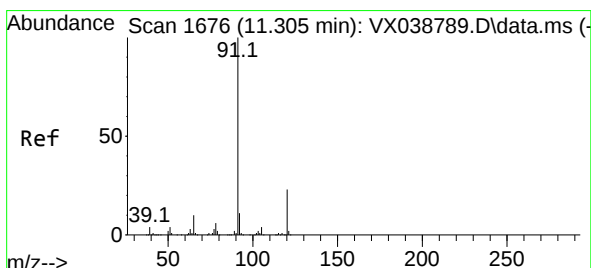
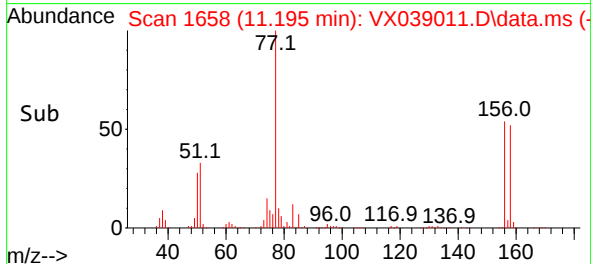
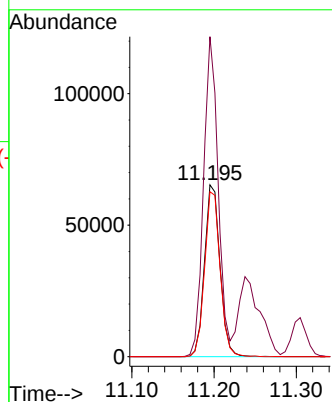
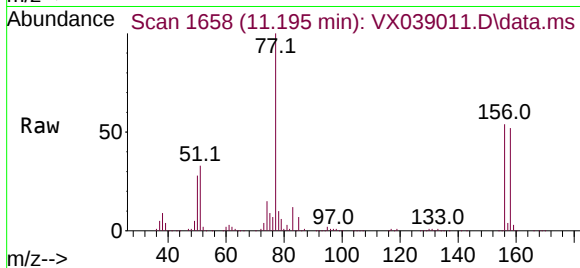
Tgt Ion:156 Resp: 85791

Ion Ratio Lower Upper

156 100

77 175.3 88.4 265.3

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 47.192 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039011.D

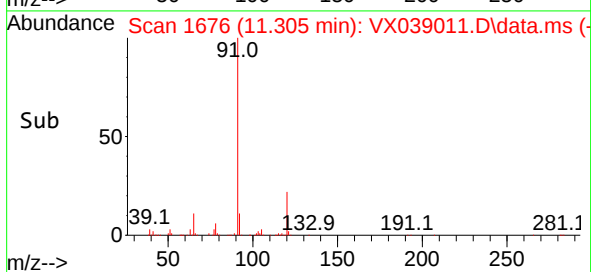
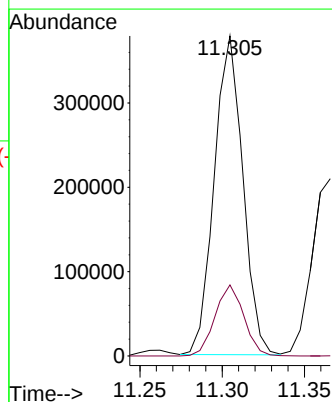
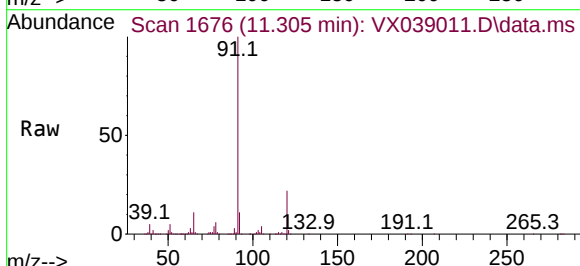
Acq: 22 Nov 2023 18:51

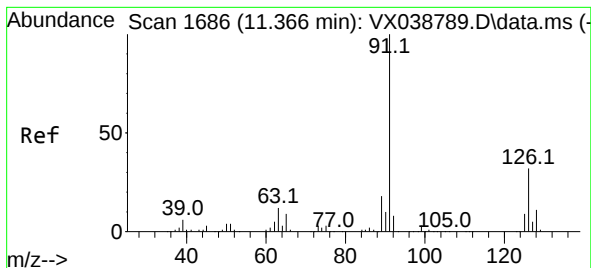
Tgt Ion: 91 Resp: 456383

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.565 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

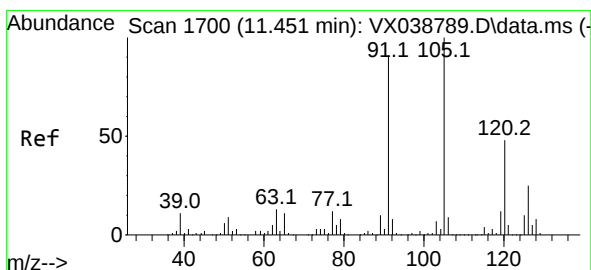
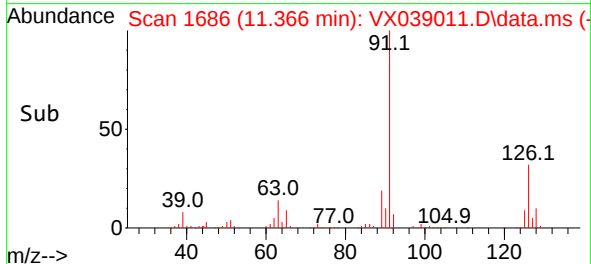
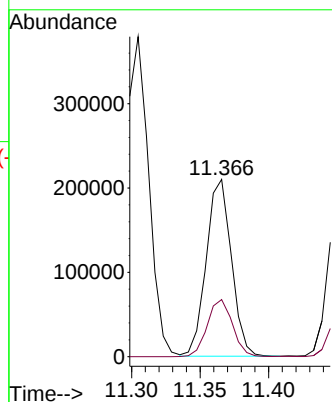
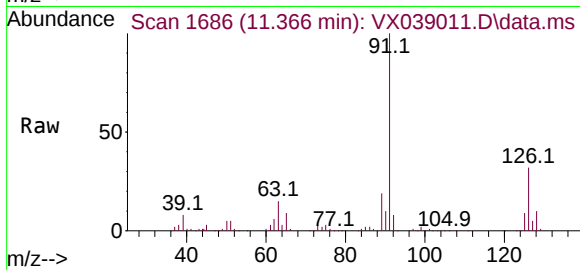
VSTDCCC050EC

Tgt Ion: 91 Resp: 267248

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 48.478 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039011.D

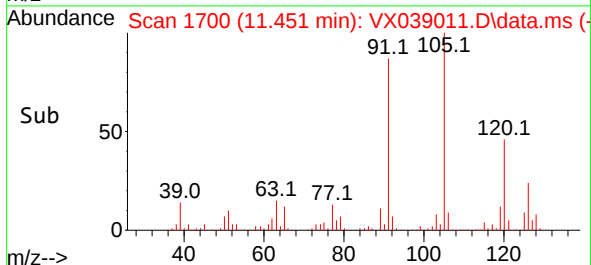
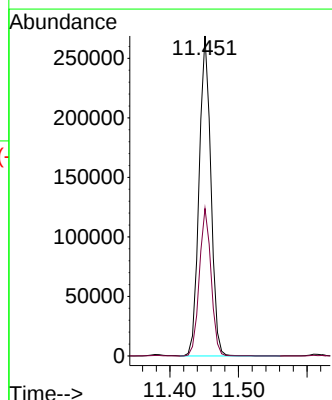
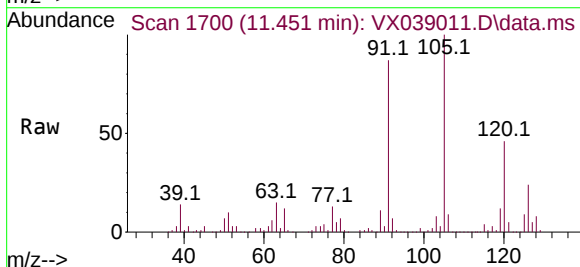
Acq: 22 Nov 2023 18:51

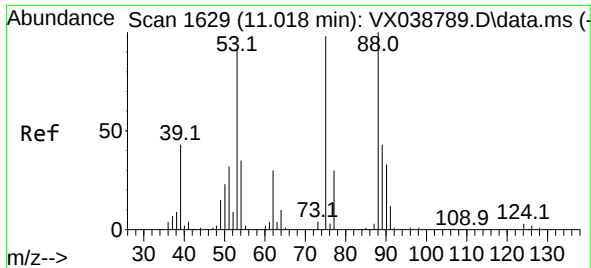
Tgt Ion: 105 Resp: 320245

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.3

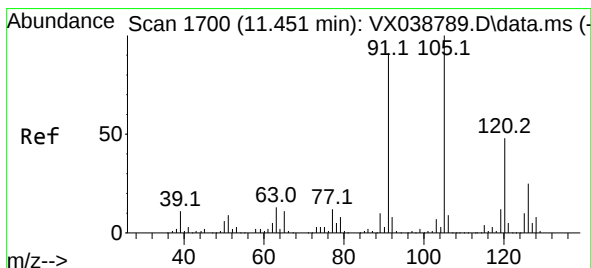
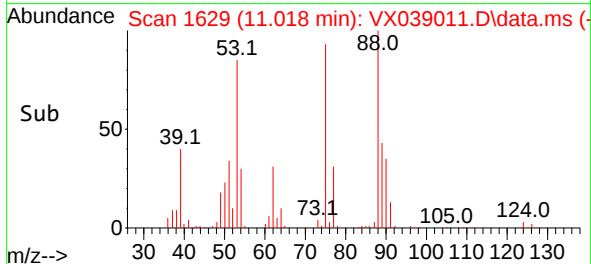
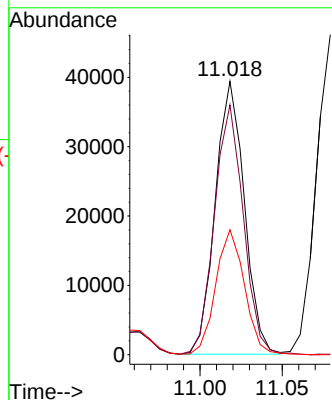
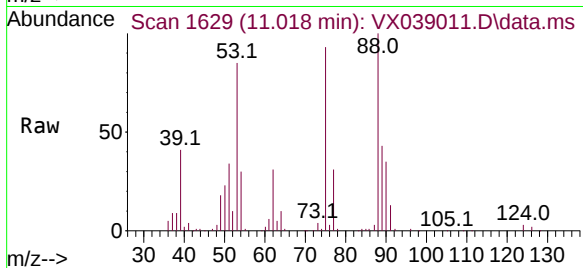




#81
trans-1,4-Dichloro-2-butene
Concen: 42.584 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

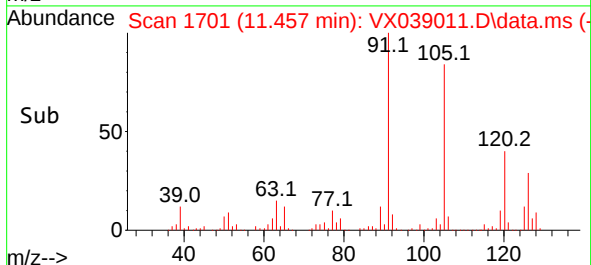
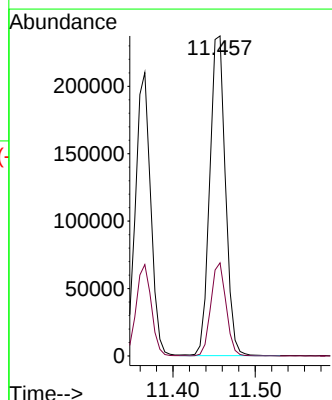
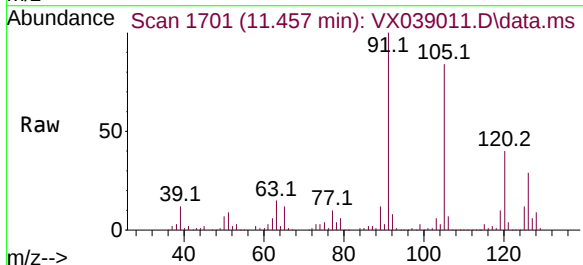
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

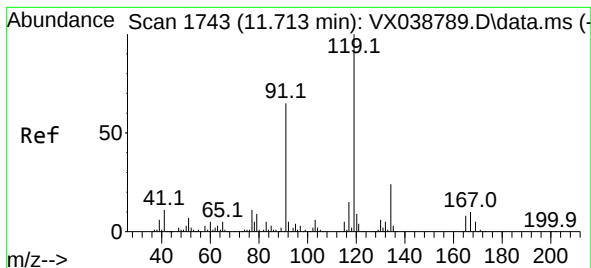
Tgt Ion: 75 Resp: 48301
Ion Ratio Lower Upper
75 100
53 91.2 90.5 135.7
89 45.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.544 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 91 Resp: 314627
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

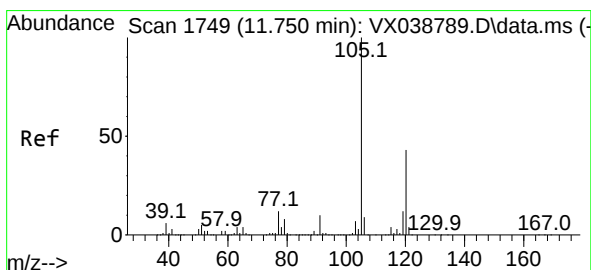
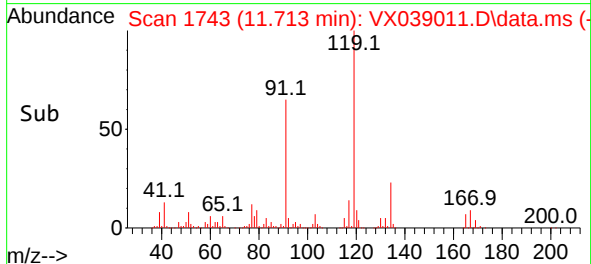
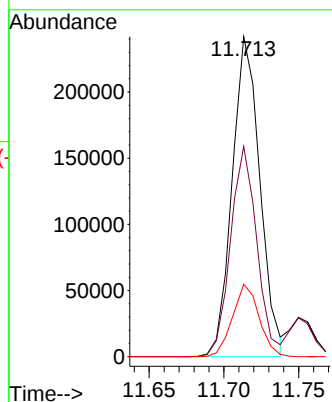
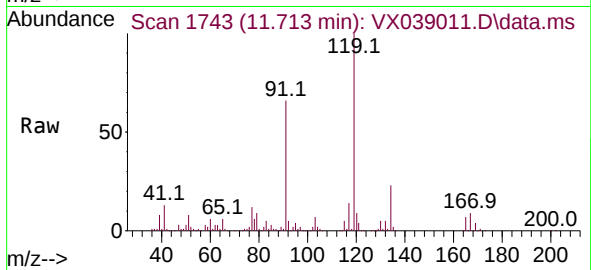




#83
tert-Butylbenzene
Concen: 47.922 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

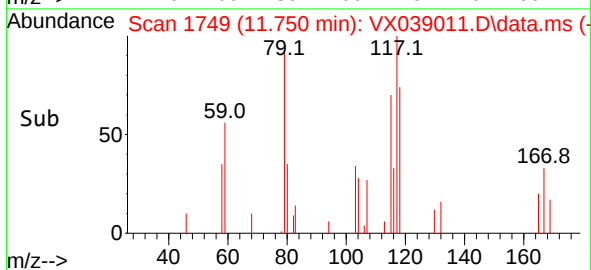
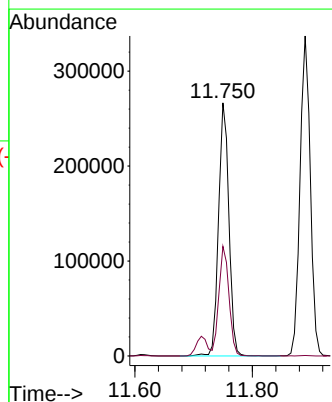
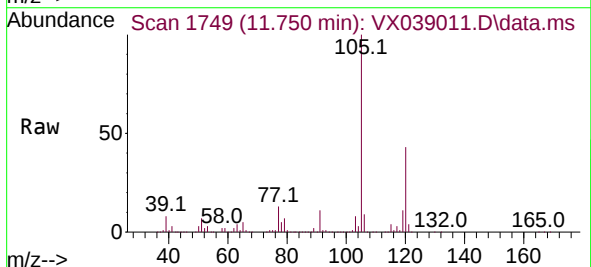
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

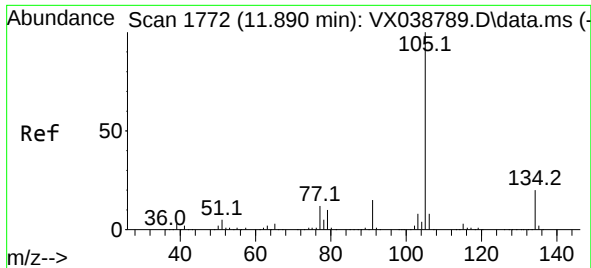
Tgt Ion:119 Resp: 311780
Ion Ratio Lower Upper
119 100
91 62.4 31.2 93.6
134 21.8 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 48.496 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion:105 Resp: 324257
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6

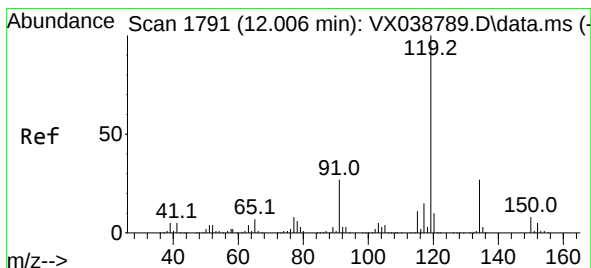
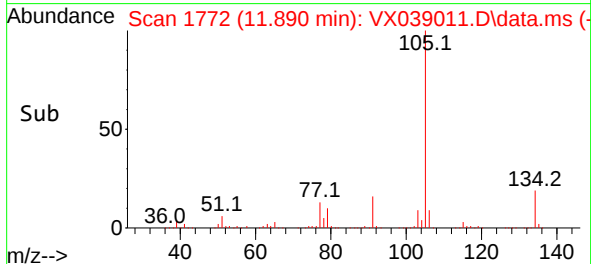
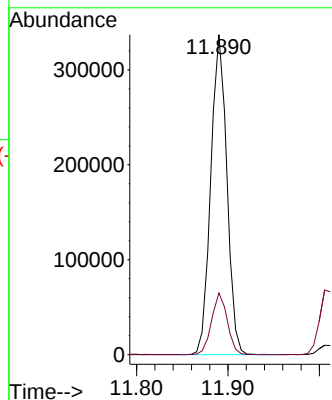
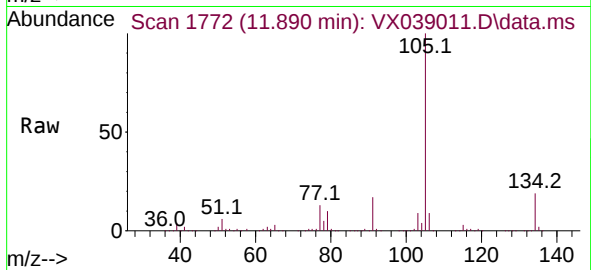




#85
 sec-Butylbenzene
 Concen: 48.232 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039011.D
 Acq: 22 Nov 2023 18:51

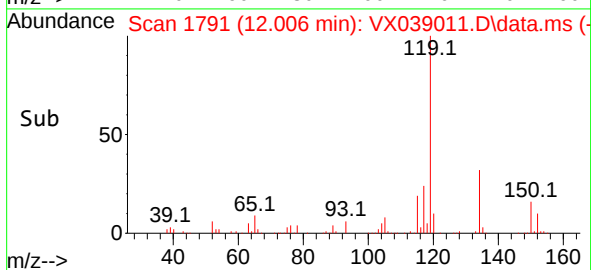
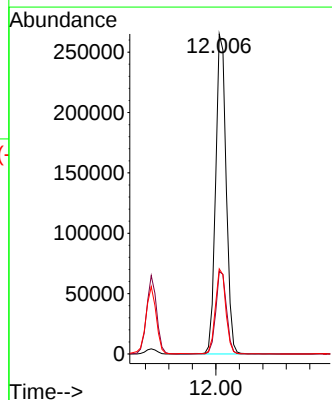
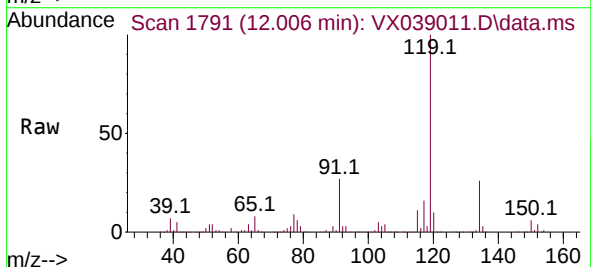
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

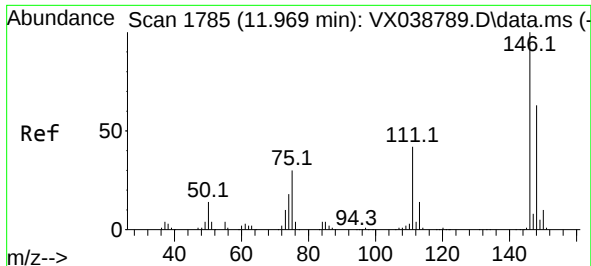
Tgt Ion:105 Resp: 410459
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.140 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039011.D
 Acq: 22 Nov 2023 18:51

Tgt Ion:119 Resp: 328865
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.365 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

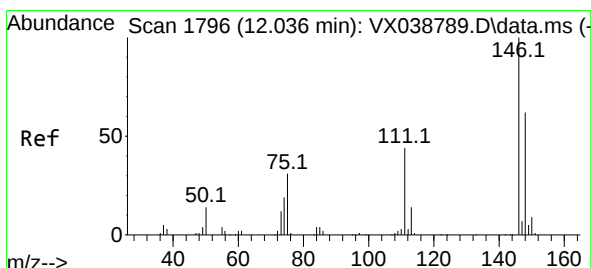
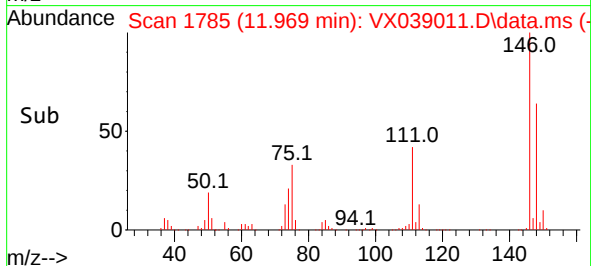
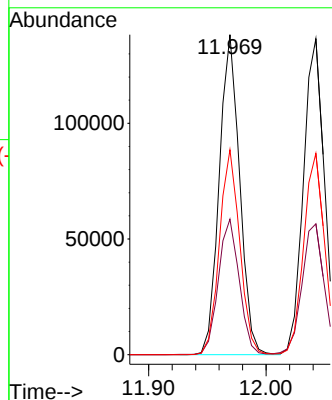
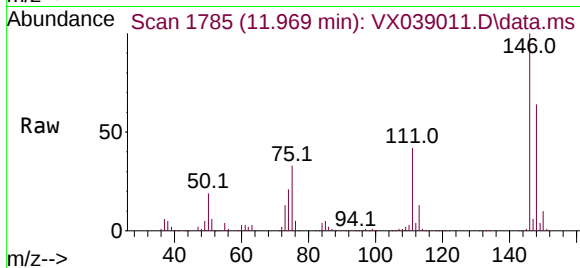
Tgt Ion:146 Resp: 167196

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.991 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

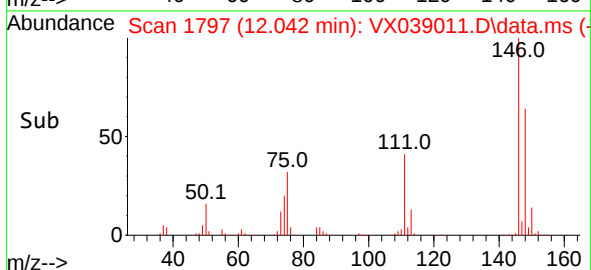
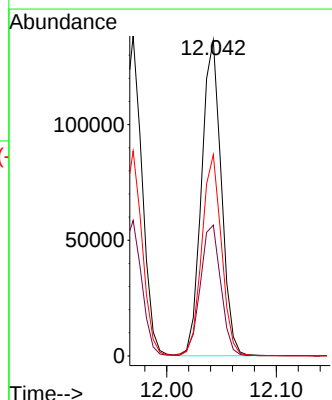
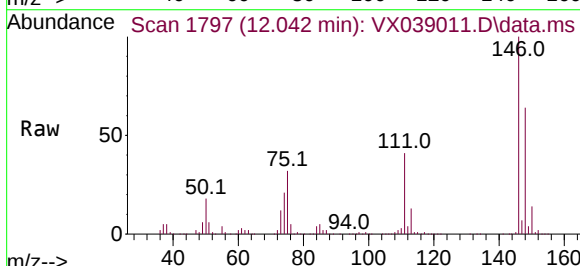
Tgt Ion:146 Resp: 169801

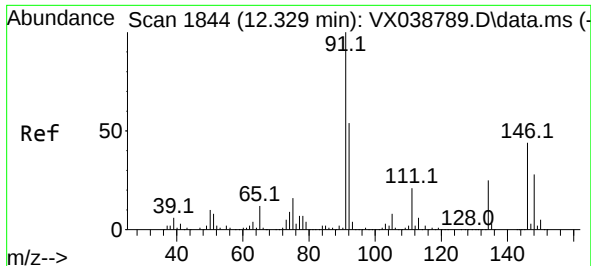
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 46.804 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

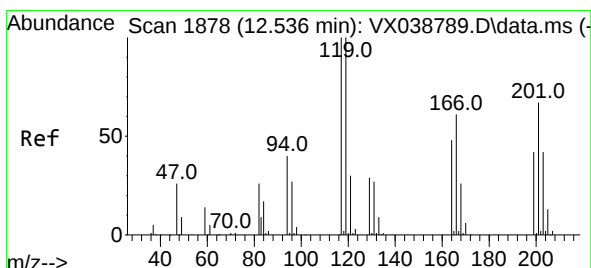
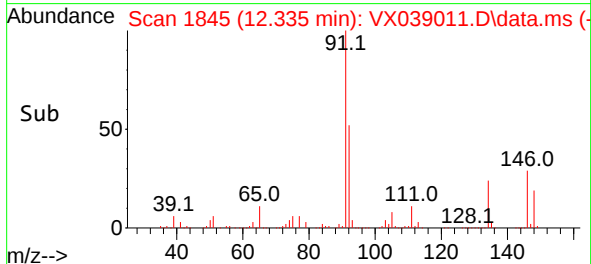
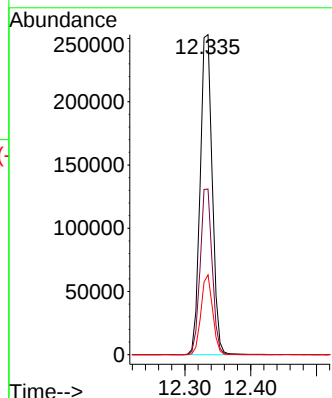
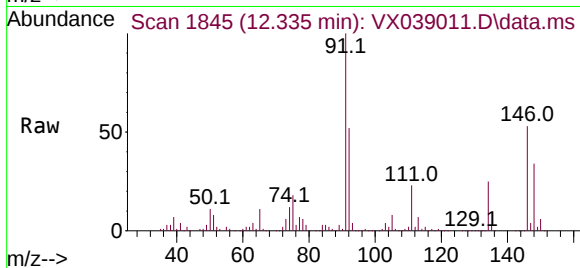
Tgt Ion: 91 Resp: 322594

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 24.0 12.6 37.8



#90

Hexachloroethane

Concen: 46.323 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039011.D

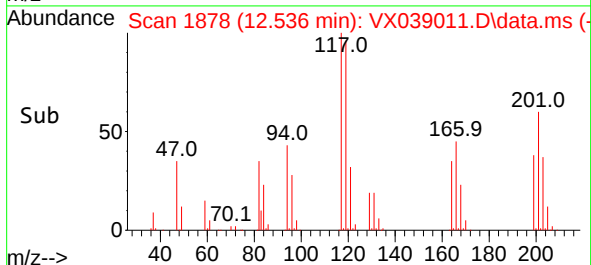
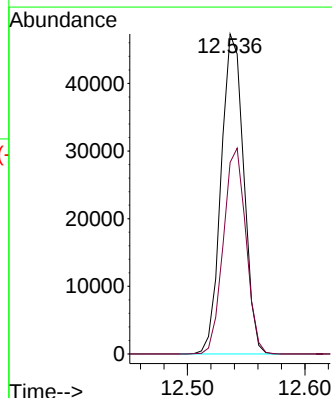
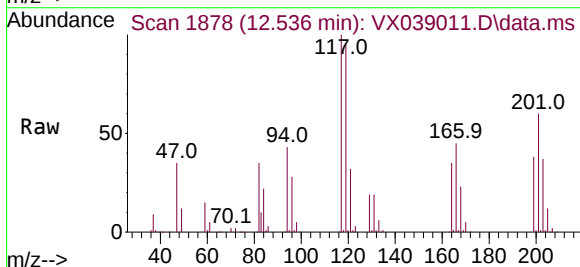
Acq: 22 Nov 2023 18:51

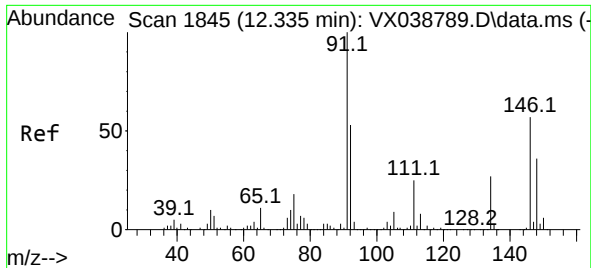
Tgt Ion: 117 Resp: 63195

Ion Ratio Lower Upper

117 100

201 64.4 32.9 98.6

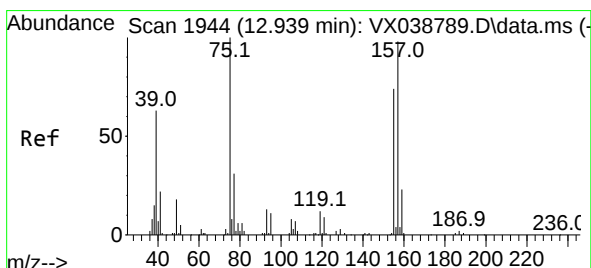
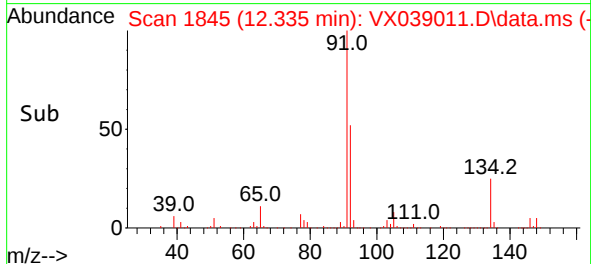
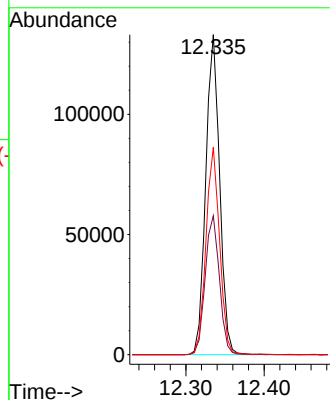
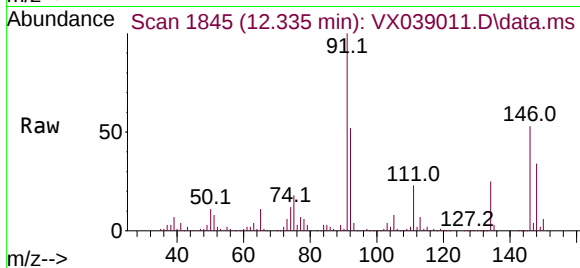




#91
1,2-Dichlorobenzene
Concen: 49.843 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

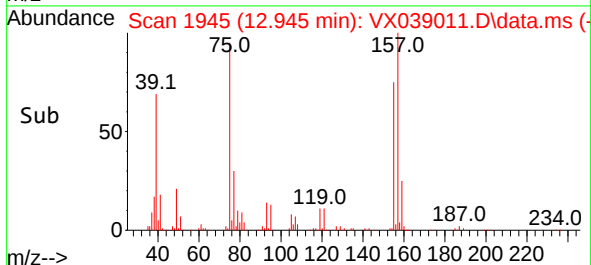
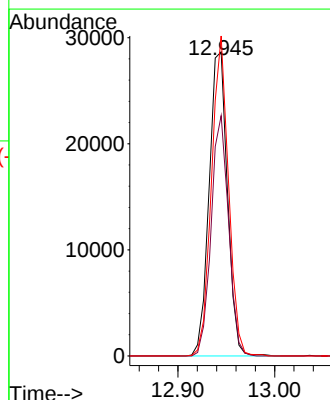
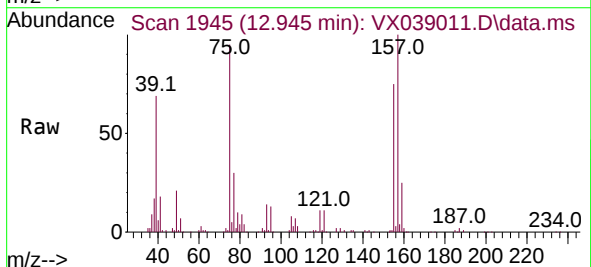
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

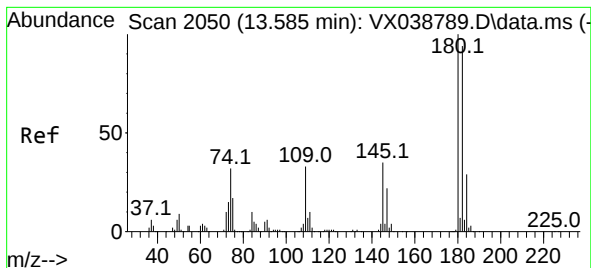
Tgt Ion:146 Resp: 163429
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.276 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039011.D
Acq: 22 Nov 2023 18:51

Tgt Ion: 75 Resp: 37778
Ion Ratio Lower Upper
75 100
155 74.7 36.1 108.5
157 97.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.667 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

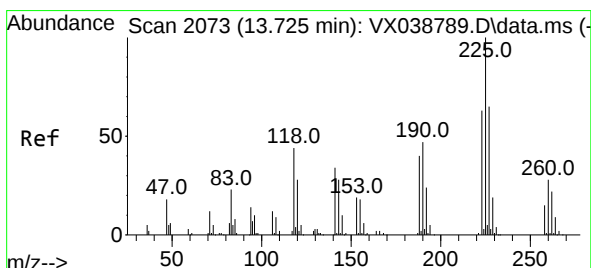
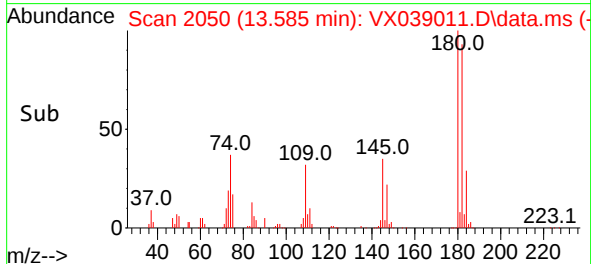
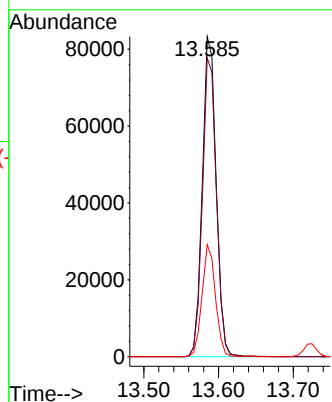
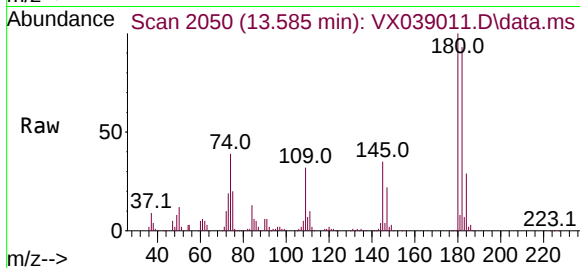
Tgt Ion:180 Resp: 106931

Ion Ratio Lower Upper

180 100

182 93.7 48.3 144.8

145 33.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 48.997 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

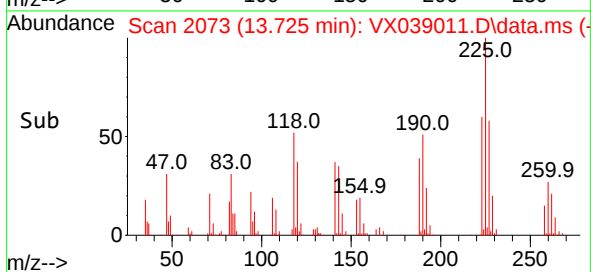
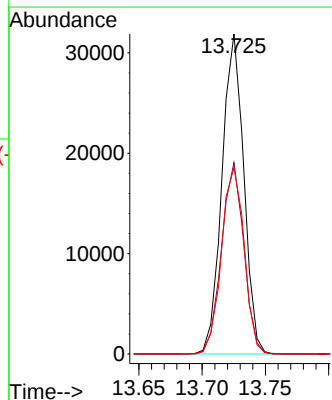
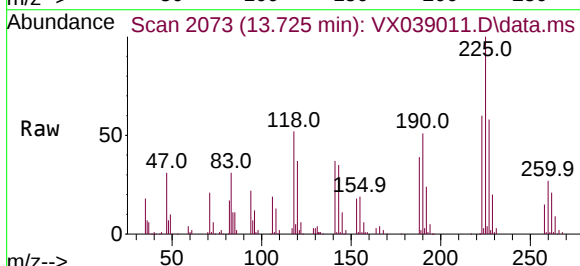
Tgt Ion:225 Resp: 38124

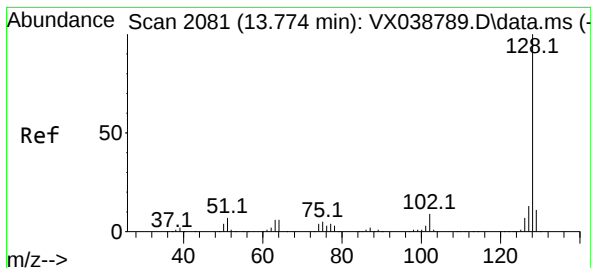
Ion Ratio Lower Upper

225 100

223 61.0 31.1 93.2

227 60.7 32.5 97.5





#95

Naphthalene

Concen: 48.015 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

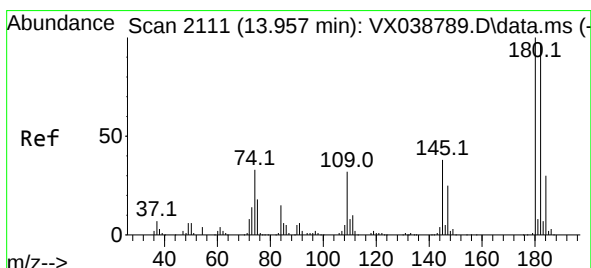
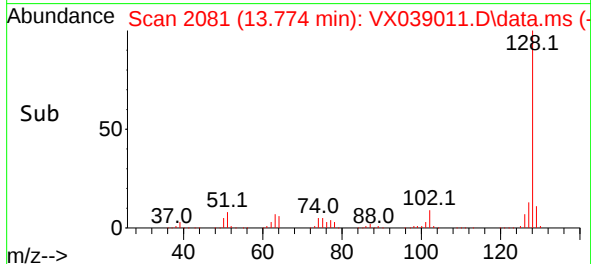
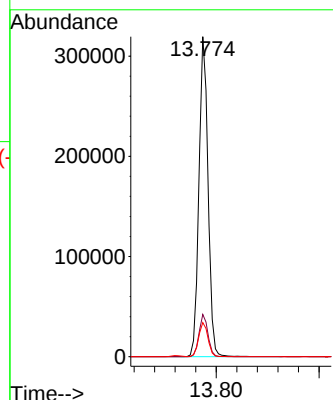
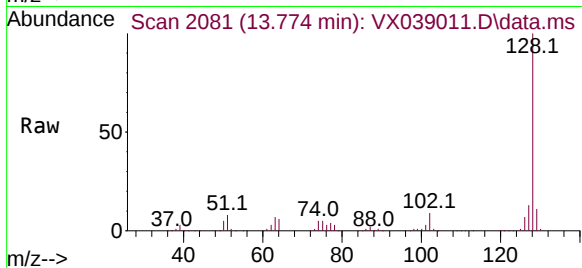
Tgt Ion:128 Resp: 392921

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.057 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039011.D

Acq: 22 Nov 2023 18:51

Tgt Ion:180 Resp: 104262

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 36.2 17.8 53.5

