

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039459.D
 Acq On : 26 Dec 2023 12:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 26 15:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95920	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	105596	48.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.440%
35) Dibromofluoromethane	5.379	113	76197	51.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	8.647	98	284328	51.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	111197	49.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	81250	48.367	ug/l	98
3) Chloromethane	1.294	50	88585	47.567	ug/l	98
4) Vinyl Chloride	1.374	62	83511	48.216	ug/l	99
5) Bromomethane	1.599	94	42557	42.708	ug/l	95
6) Chloroethane	1.678	64	51588	49.425	ug/l	97
7) Trichlorofluoromethane	1.880	101	123864	48.839	ug/l	97
8) Diethyl Ether	2.130	74	44900	51.152	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	76047	49.136	ug/l	98
10) Methyl Iodide	2.453	142	73503	45.948	ug/l	94
11) Tert butyl alcohol	2.959	59	133235	242.266	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	72902	47.421	ug/l	93
13) Acrolein	2.233	56	102105	232.727	ug/l	100
14) Allyl chloride	2.660	41	146949	47.185	ug/l	97
15) Acrylonitrile	3.062	53	281751	255.951	ug/l	99
16) Acetone	2.373	43	416192	336.710	ug/l	94
17) Carbon Disulfide	2.508	76	200135	44.486	ug/l	100
18) Methyl Acetate	2.697	43	245482	51.823	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	270468	48.646	ug/l	98
20) Methylene Chloride	2.788	84	86034	47.125	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	78415	46.875	ug/l	98
22) Diisopropyl ether	3.757	45	282582	49.847	ug/l	89
23) Vinyl Acetate	3.715	43	1074925	254.697	ug/l	99
24) 1,1-Dichloroethane	3.605	63	153719	47.968	ug/l	99
25) 2-Butanone	4.550	43	486346	257.348	ug/l	99
26) 2,2-Dichloropropane	4.471	77	127641	45.623	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	88516	47.940	ug/l	98
28) Bromochloromethane	4.891	49	85007	54.365	ug/l	92
29) Tetrahydrofuran	4.995	42	274886	263.388	ug/l	99
30) Chloroform	5.086	83	153938	48.069	ug/l	99
31) Cyclohexane	5.464	56	135348	47.849	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	133973	48.190	ug/l	98
36) 1,1-Dichloropropene	5.690	75	111208	47.572	ug/l	99
37) Ethyl Acetate	4.708	43	151133	52.330	ug/l	99
38) Carbon Tetrachloride	5.672	117	106731	47.843	ug/l	95
39) Methylcyclohexane	7.379	83	141122	50.257	ug/l	99
40) Benzene	6.031	78	328959	49.747	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	81738	53.044	ug/l	97
42) 1,2-Dichloroethane	6.080	62	130890	48.899	ug/l	99
43) Isopropyl Acetate	6.336	43	242673	51.672	ug/l	99
44) Trichloroethene	7.123	130	78655	47.136	ug/l	94
45) 1,2-Dichloropropane	7.427	63	89901	50.657	ug/l	97
46) Dibromomethane	7.580	93	62476	50.079	ug/l	95
47) Bromodichloromethane	7.818	83	120128	50.361	ug/l	96
48) Methyl methacrylate	7.690	41	143607	52.304	ug/l	96
49) 1,4-Dioxane	7.653	88	44010	1189.155	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	808405	270.161	ug/l	99
52) Toluene	8.714	92	200059	50.125	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	132779	50.561	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	141975	50.245	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	86191	51.728	ug/l	96
56) Ethyl methacrylate	9.116	69	109318	53.743	ug/l	96
57) 1,3-Dichloropropane	9.305	76	147340	51.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	292705	245.066	ug/l	94
59) 2-Hexanone	9.427	43	694305	268.852	ug/l	99
60) Dibromochloromethane	9.518	129	86133	51.114	ug/l	100
61) 1,2-Dibromoethane	9.610	107	91217	51.281	ug/l	100
64) Tetrachloroethene	9.269	164	61364	47.891	ug/l	93
65) Chlorobenzene	10.079	112	207730	48.537	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	76812	50.809	ug/l	97
67) Ethyl Benzene	10.189	91	399397	50.133	ug/l	100
68) m/p-Xylenes	10.299	106	287053	100.493	ug/l	94
69) o-Xylene	10.640	106	141693	51.305	ug/l	95
70) Styrene	10.652	104	208684	51.686	ug/l	96
71) Bromoform	10.799	173	58417	51.986	ug/l #	98
73) Isopropylbenzene	10.963	105	381547	51.556	ug/l	100
74) N-amyl acetate	10.841	43	213616	57.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	151040	54.862	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130402m	52.547	ug/l	
77) Bromobenzene	11.195	156	83661	51.121	ug/l	92
78) n-propylbenzene	11.305	91	462391	50.711	ug/l	97
79) 2-Chlorotoluene	11.366	91	275842	50.013	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	325978	51.705	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	46094	52.398	ug/l	95
82) 4-Chlorotoluene	11.451	91	323120	49.879	ug/l	97
83) tert-Butylbenzene	11.713	119	312873	52.145	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	331495	51.273	ug/l	99
85) sec-Butylbenzene	11.890	105	389889	51.066	ug/l	97
86) p-Isopropyltoluene	12.006	119	324839	50.696	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	158370	49.258	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	159873	47.757	ug/l	99
89) n-Butylbenzene	12.329	91	312822	49.663	ug/l	96
90) Hexachloroethane	12.536	117	58882	50.872	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	154313	50.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38983	53.759	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	94825	47.074	ug/l	98
94) Hexachlorobutadiene	13.725	225	36368	47.908	ug/l	99
95) Naphthalene	13.774	128	369932	52.734	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	93996	48.337	ug/l	98

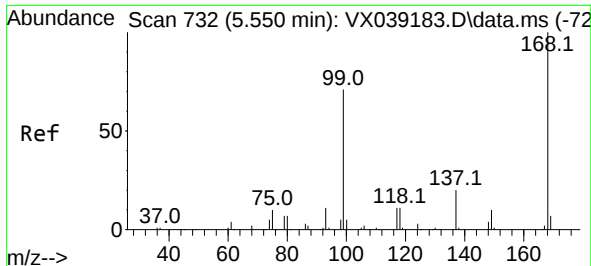
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Response via : Initial Calibration

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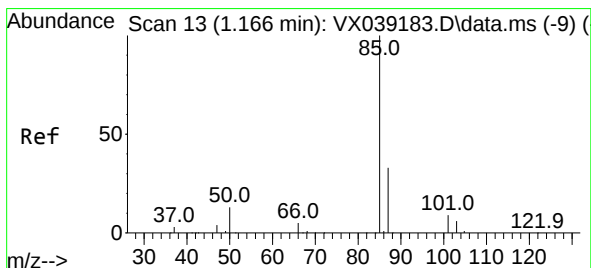
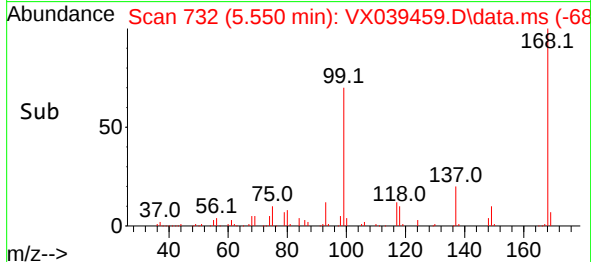
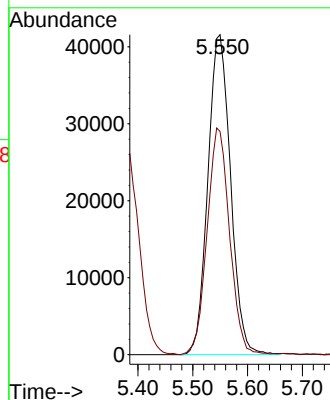
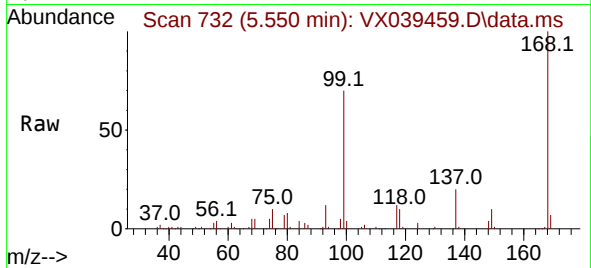
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.000 min
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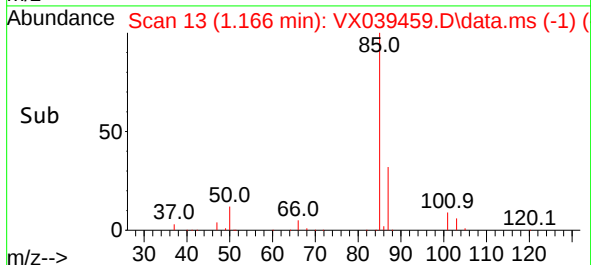
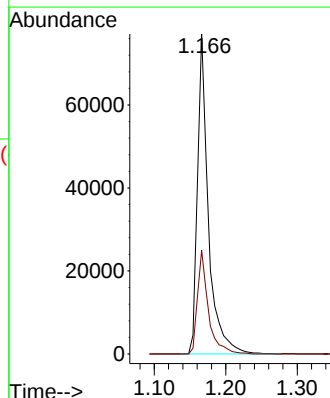
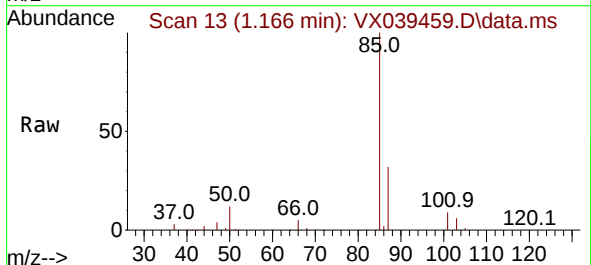
Instrument :
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 VSTDCCC050

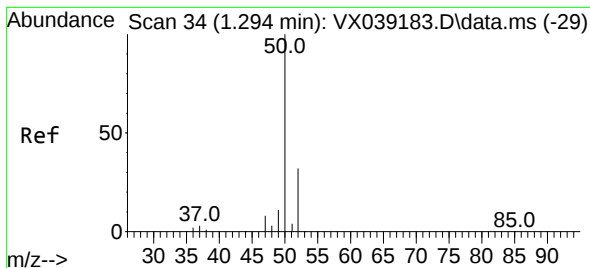
Tgt Ion:168 Resp: 119548
 Ion Ratio Lower Upper
 168 100
 99 69.7 56.6 85.0



#2
 Dichlorodifluoromethane
 Concen: 48.367 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion: 85 Resp: 81250
 Ion Ratio Lower Upper
 85 100
 87 32.4 16.7 50.1





#3

Chloromethane

Concen: 47.567 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

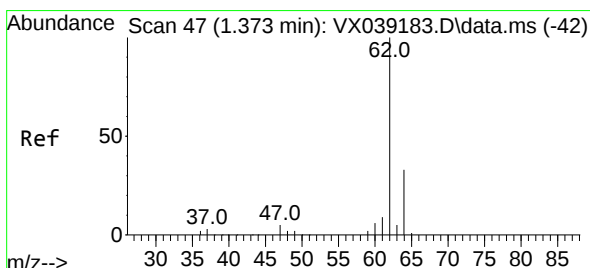
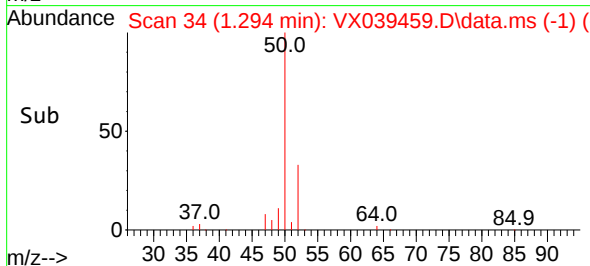
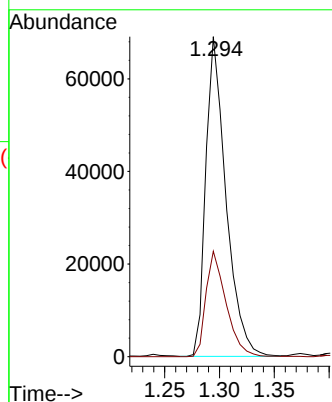
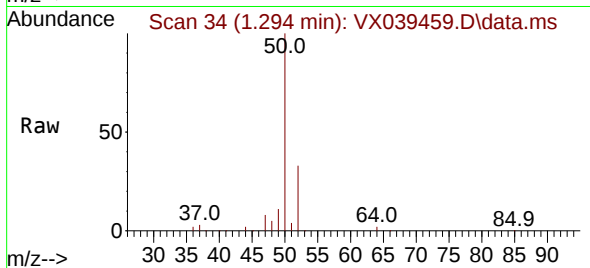
VSTDCCC050

Tgt Ion: 50 Resp: 88585

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 48.216 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039459.D

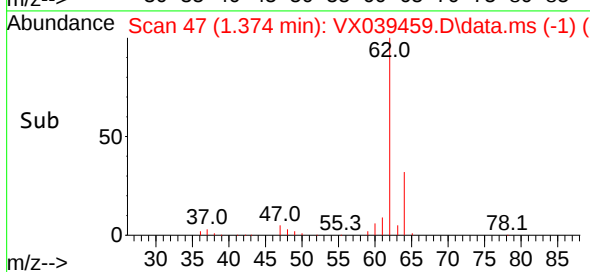
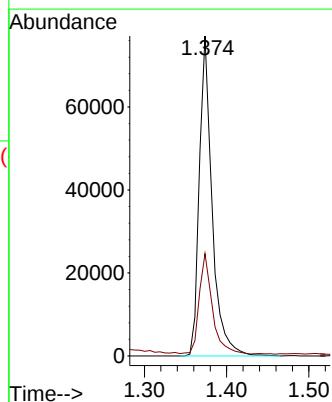
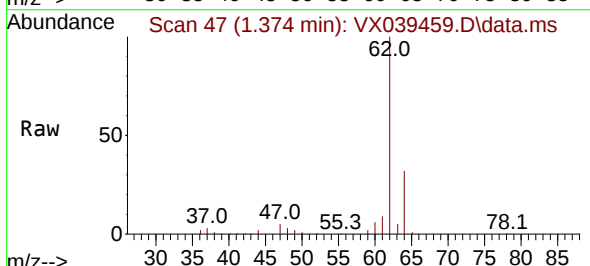
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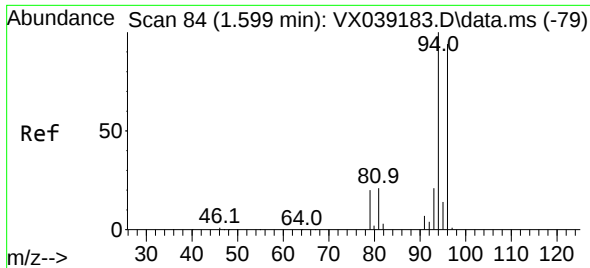
Tgt Ion: 62 Resp: 83511

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0

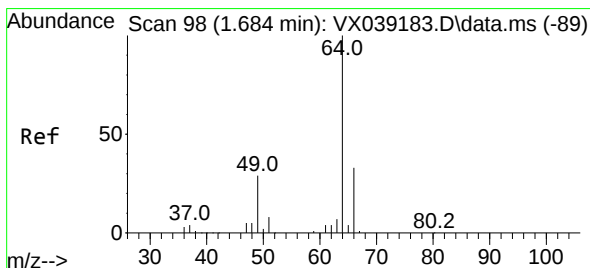
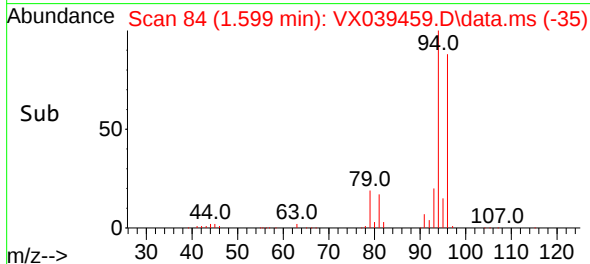
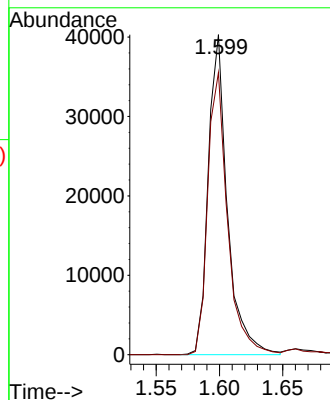
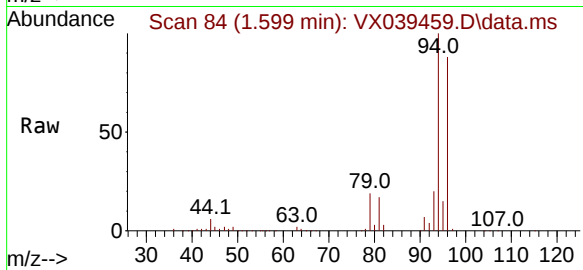




#5
 Bromomethane
 Concen: 42.708 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

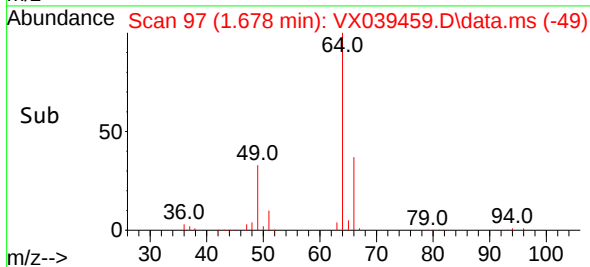
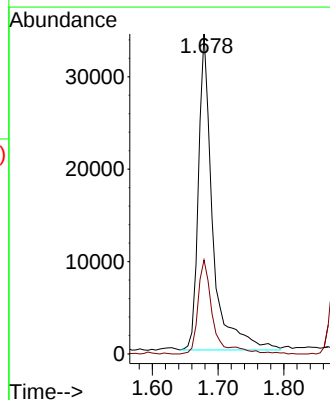
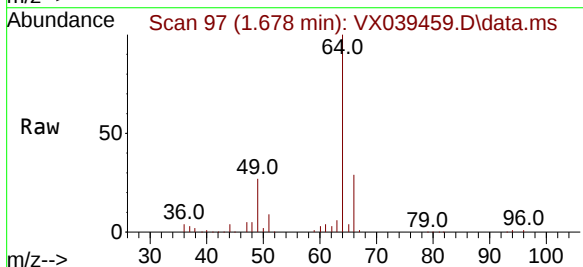
Instrument :
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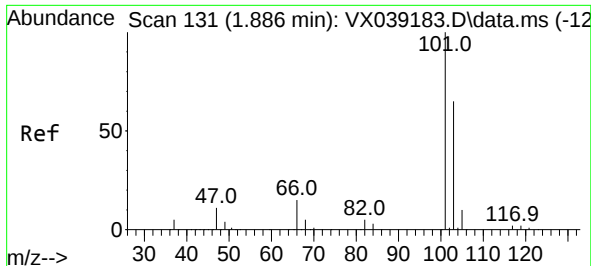
Tgt Ion: 94 Resp: 42557
 Ion Ratio Lower Upper
 94 100
 96 88.2 74.6 111.8



#6
 Chloroethane
 Concen: 49.425 ug/l
 RT: 1.678 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion: 64 Resp: 51588
 Ion Ratio Lower Upper
 64 100
 66 29.8 25.1 37.7

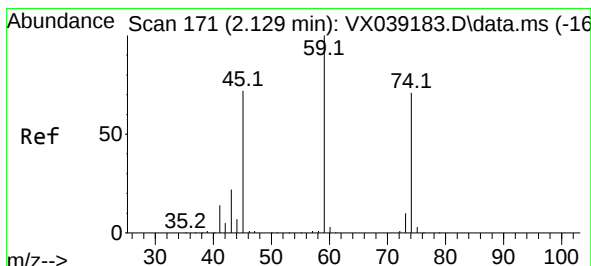
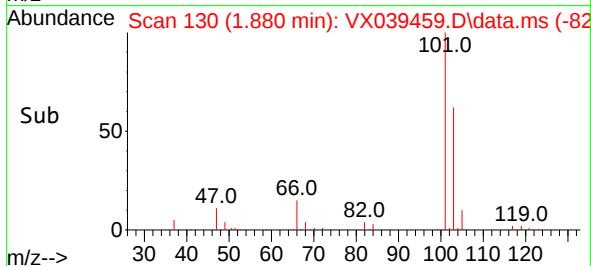
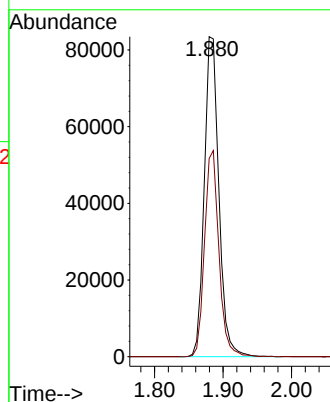
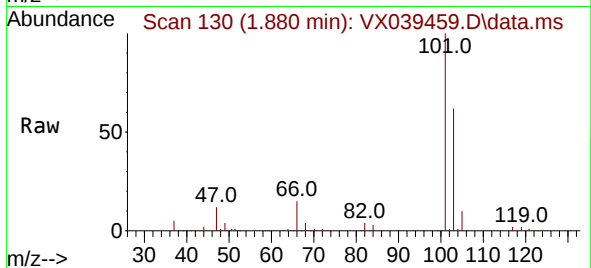




#7
Trichlorofluoromethane
Concen: 48.839 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

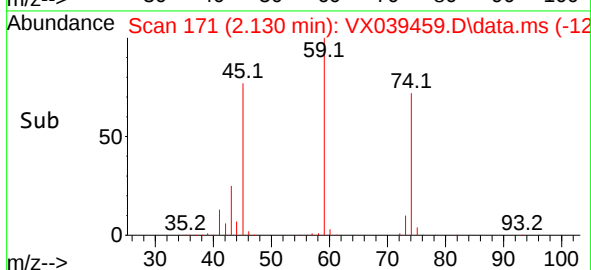
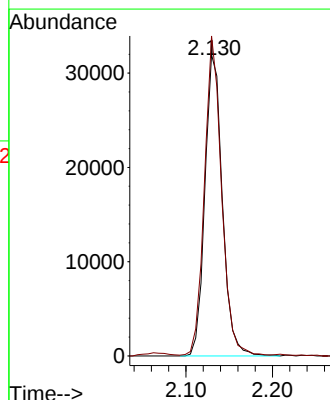
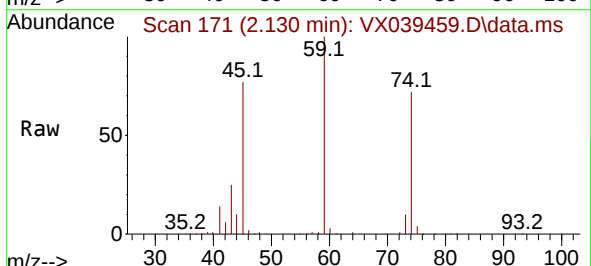
Instrument :
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ClientSampleId :
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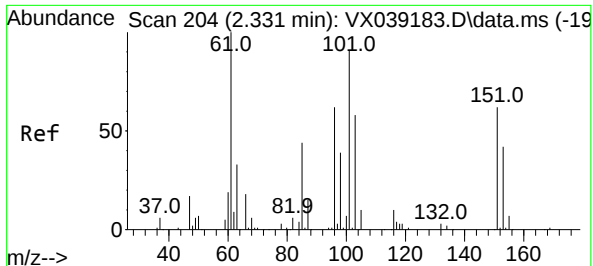
Tgt Ion:101 Resp: 123864
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.2



#8
Diethyl Ether
Concen: 51.152 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 74 Resp: 44900
Ion Ratio Lower Upper
74 100
45 103.3 53.3 159.8

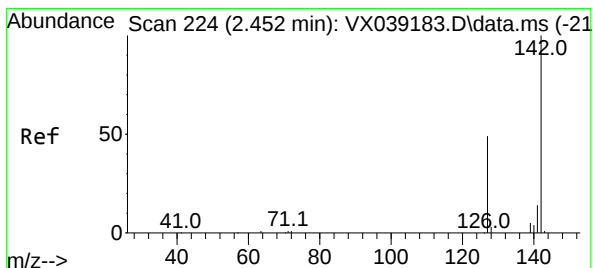
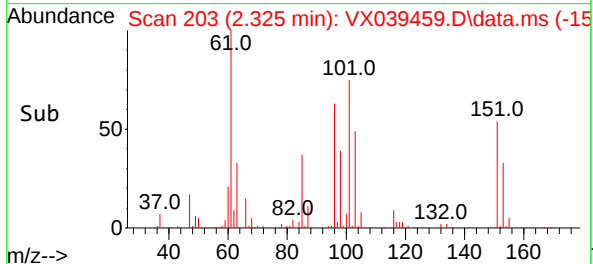
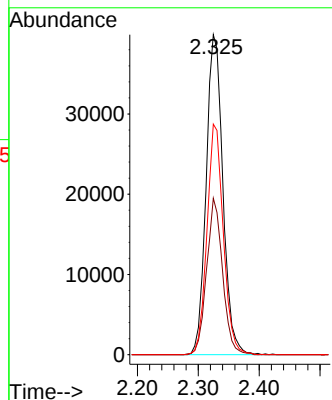
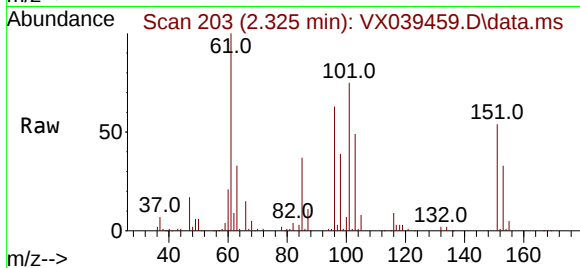




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.136 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

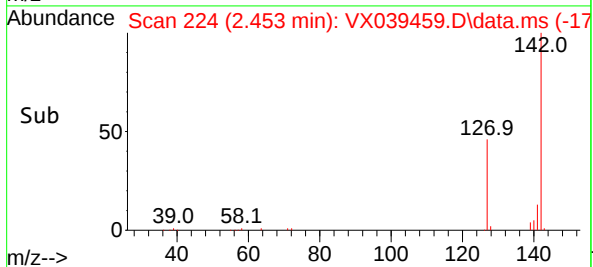
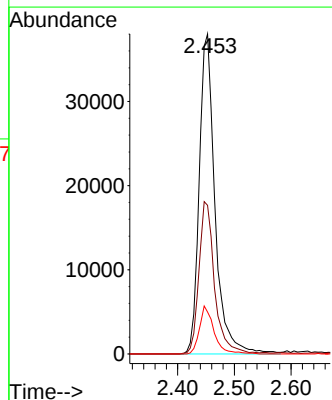
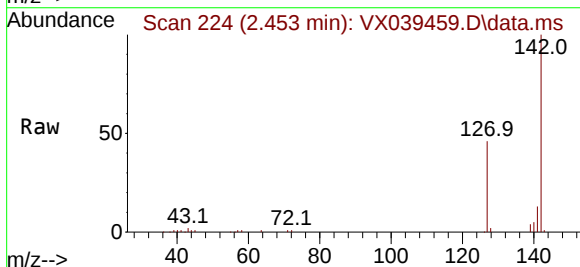
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

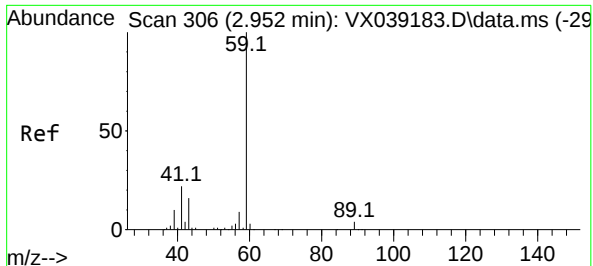
Tgt Ion:101 Resp: 76047
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 70.5 58.6 87.8



#10
Methyl Iodide
Concen: 45.948 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion:142 Resp: 73503
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 242.266 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

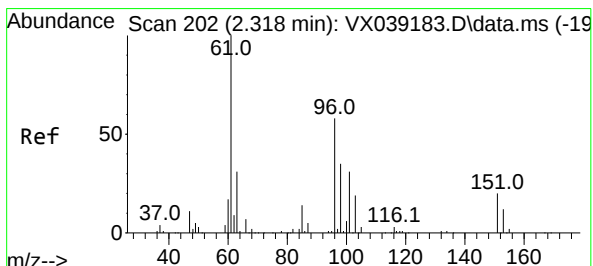
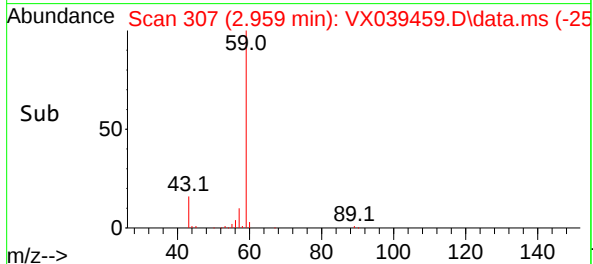
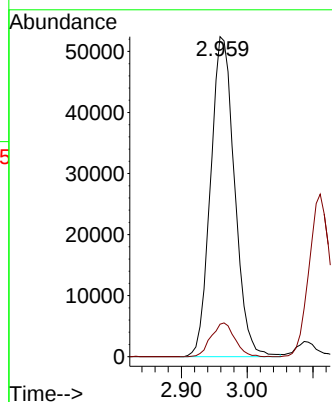
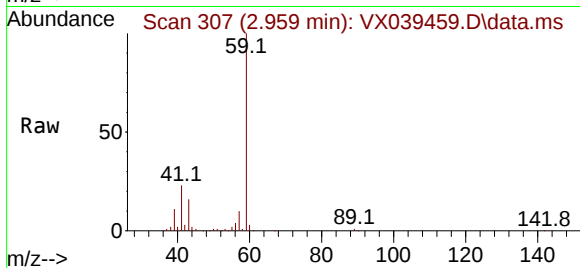
VSTDCCC050

Tgt Ion: 59 Resp: 133235

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 47.421 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

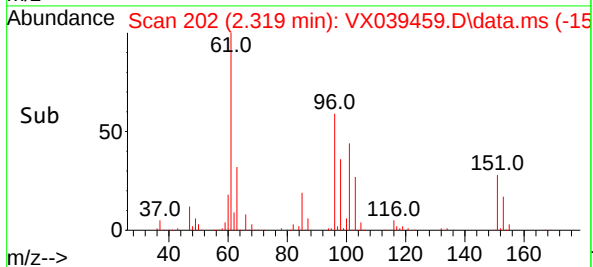
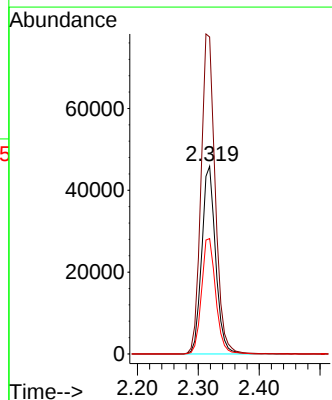
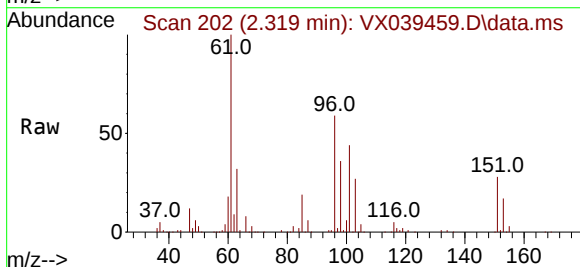
Tgt Ion: 96 Resp: 72902

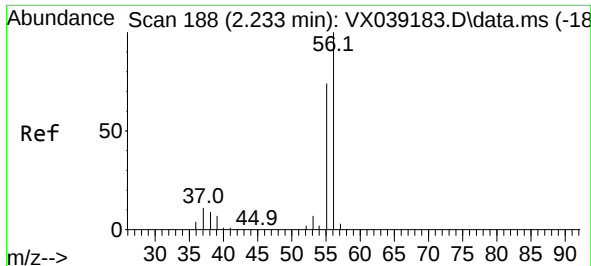
Ion Ratio Lower Upper

96 100

61 168.8 144.6 216.8

98 61.5 50.4 75.6

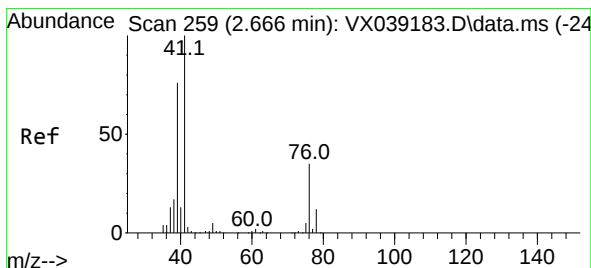
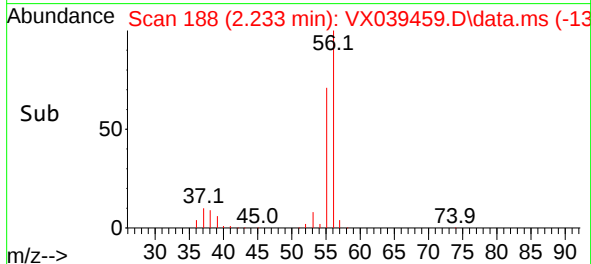
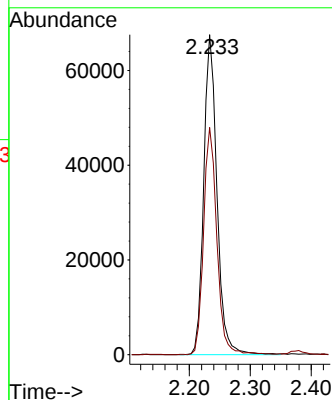
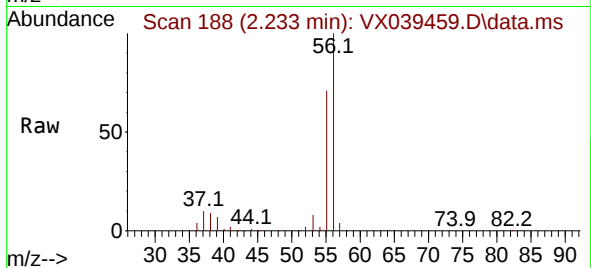




#13
Acrolein
Concen: 232.727 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

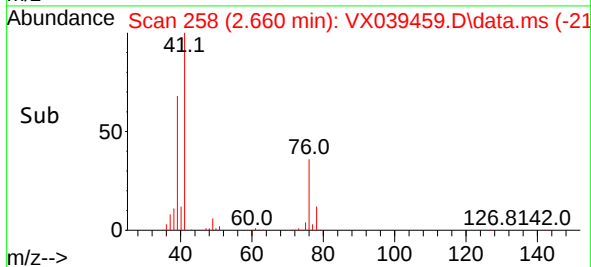
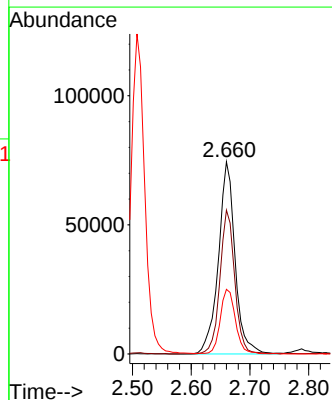
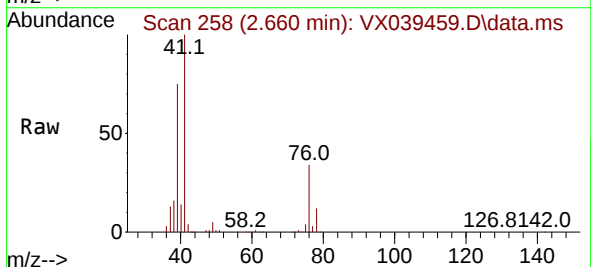
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

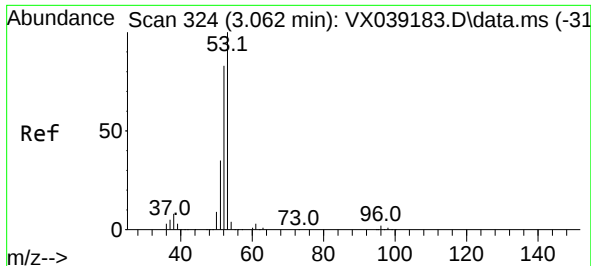
Tgt Ion: 56 Resp: 102105
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7



#14
Allyl chloride
Concen: 47.185 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 41 Resp: 146949
Ion Ratio Lower Upper
41 100
39 66.5 55.8 83.6
76 30.3 24.3 36.5

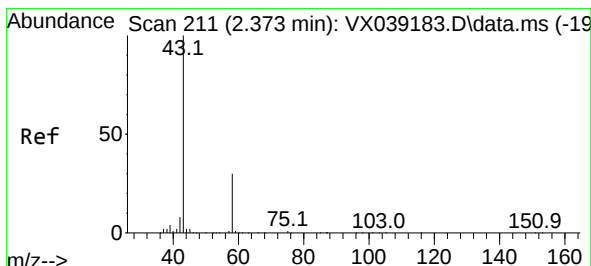
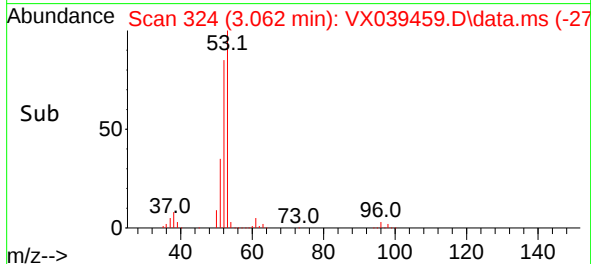
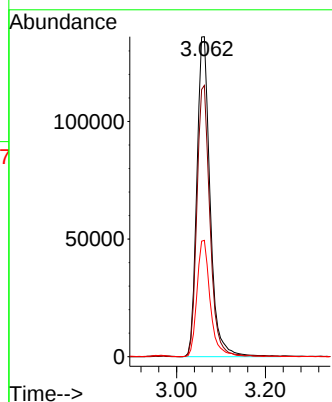
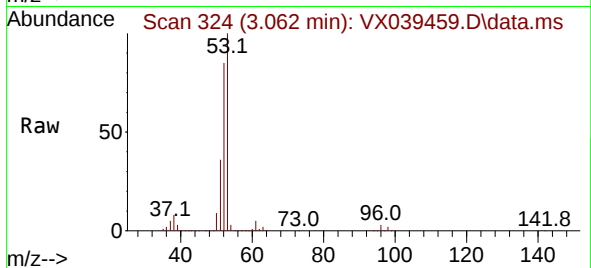




#15
Acrylonitrile
Concen: 255.951 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

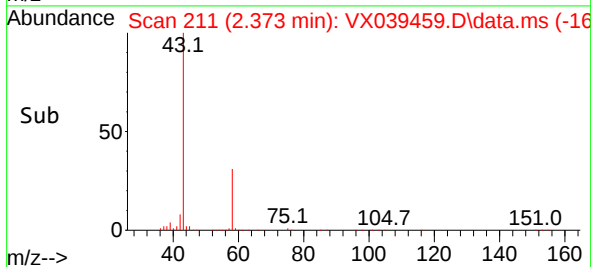
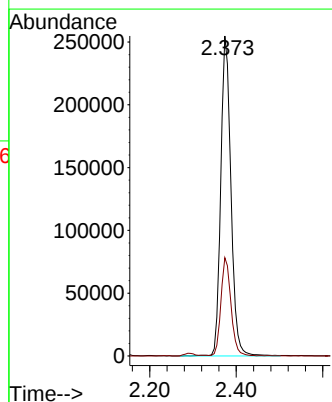
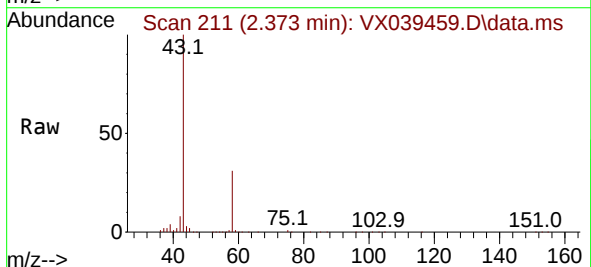
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

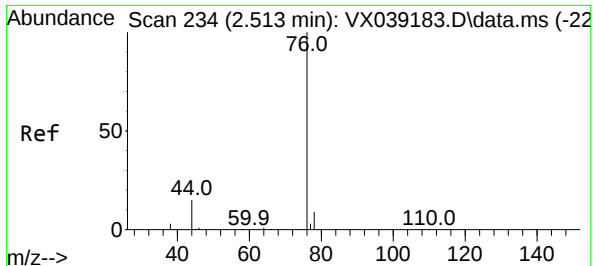
Tgt Ion: 53 Resp: 281751
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.4 29.8 44.6



#16
Acetone
Concen: 336.710 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 43 Resp: 416192
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9

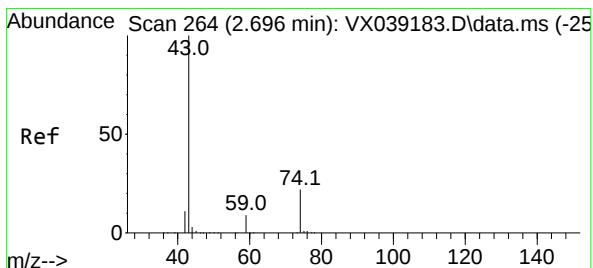
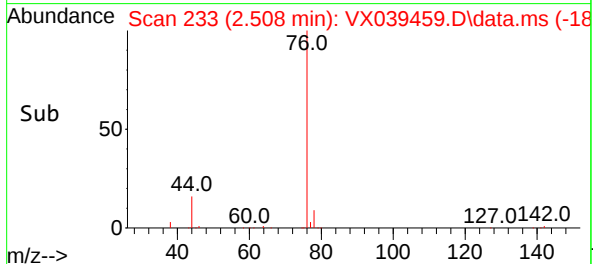
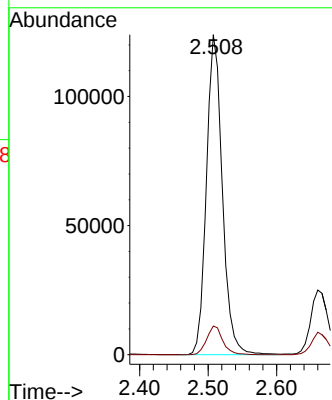
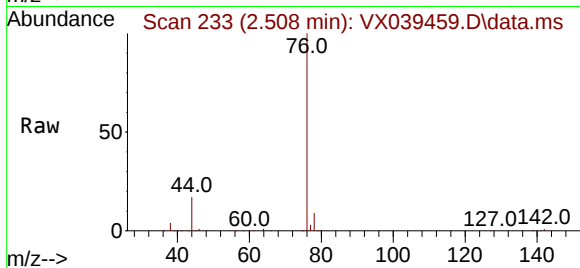




#17
Carbon Disulfide
Concen: 44.486 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

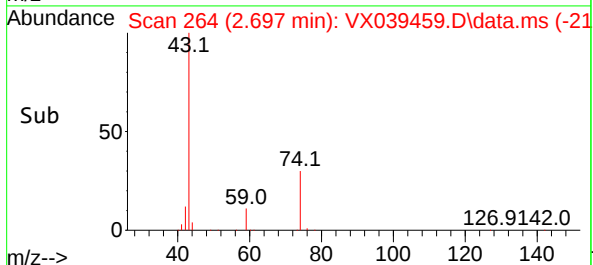
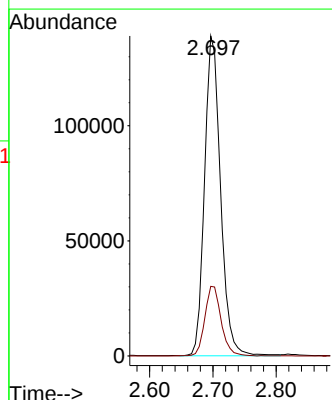
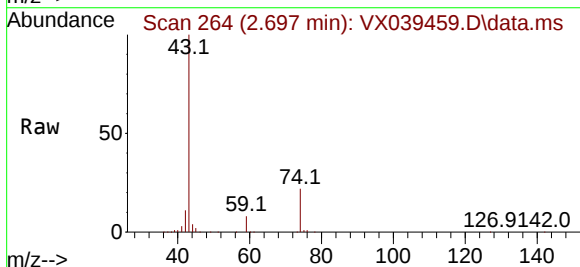
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

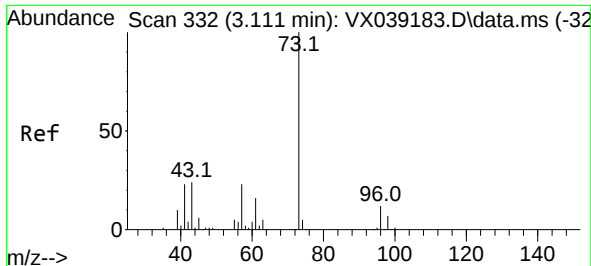
Tgt Ion: 76 Resp: 200135
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 51.823 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 43 Resp: 245482
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 48.646 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

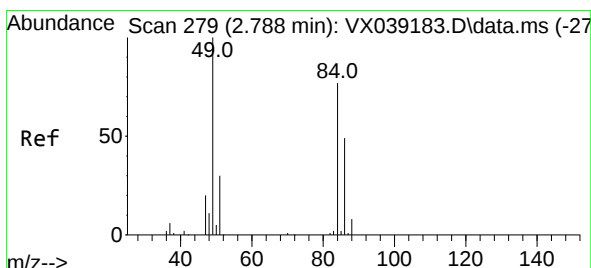
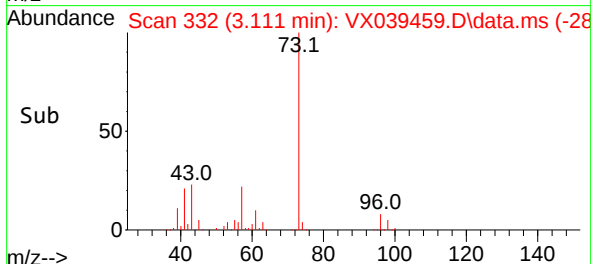
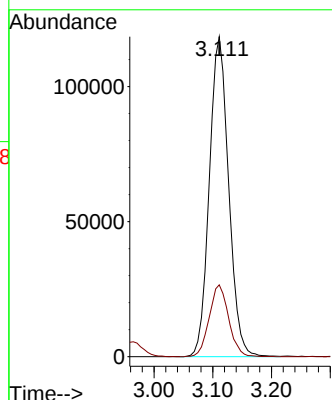
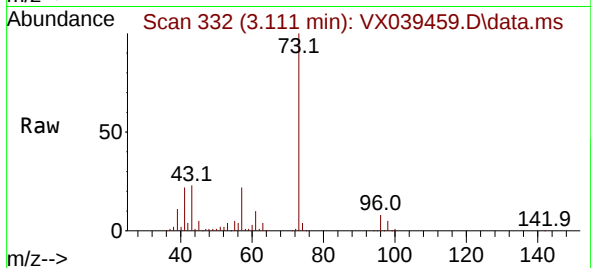
VSTDCCC050

Tgt Ion: 73 Resp: 270468

Ion Ratio Lower Upper

73 100

57 22.5 17.3 25.9



#20

Methylene Chloride

Concen: 47.125 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Tgt Ion: 84 Resp: 86034

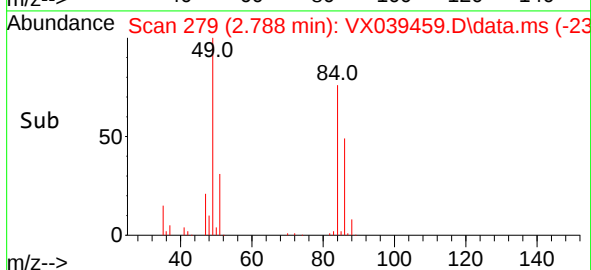
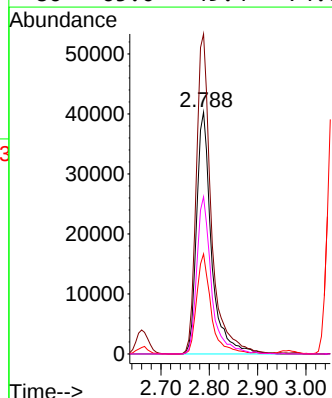
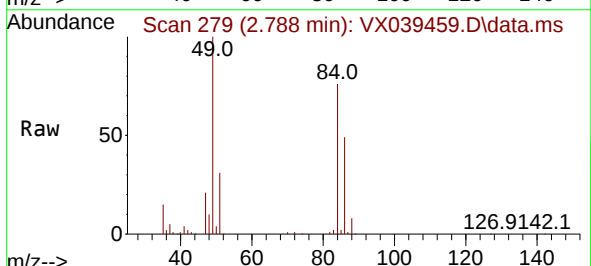
Ion Ratio Lower Upper

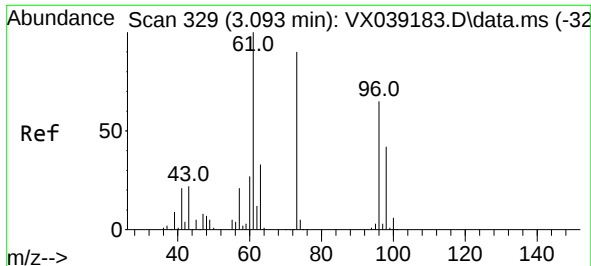
84 100

49 132.3 103.6 155.4

51 41.3 33.8 50.6

86 65.0 49.4 74.0

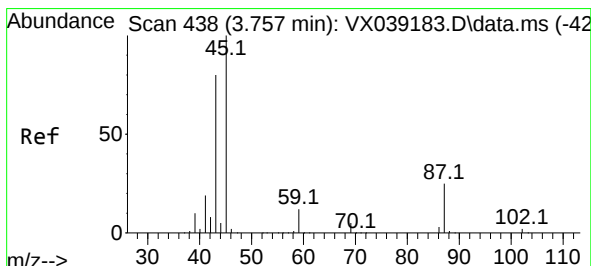
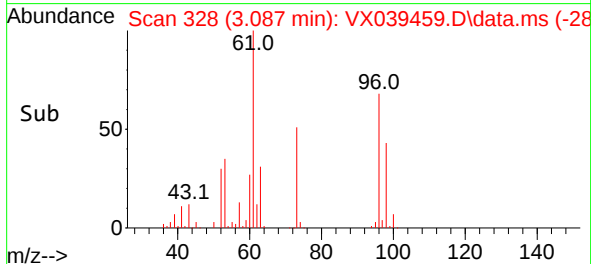
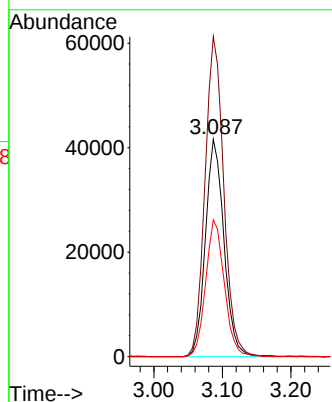
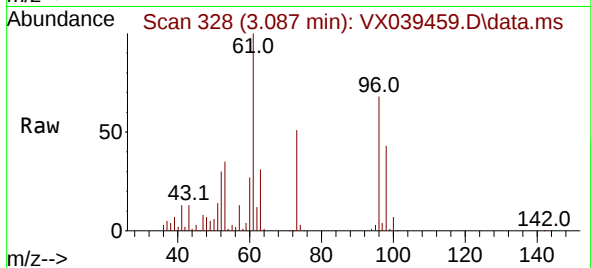




#21
trans-1,2-Dichloroethene
Concen: 46.875 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

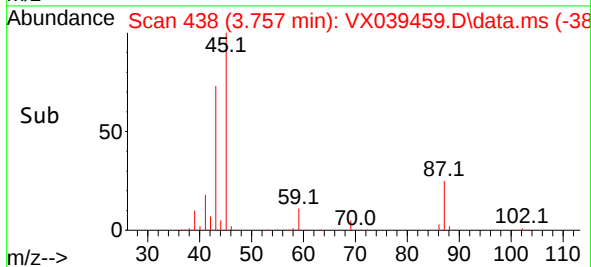
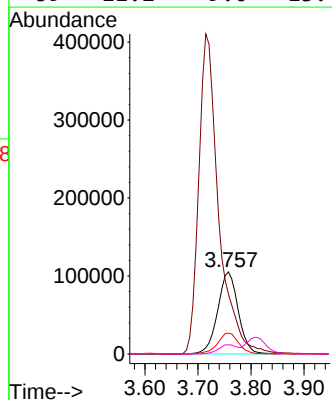
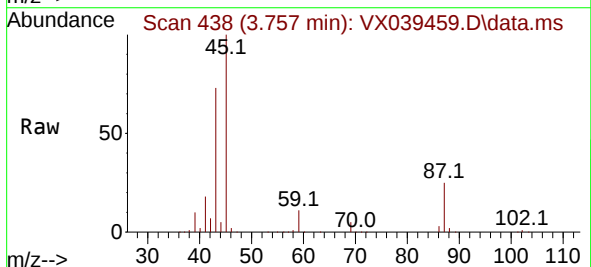
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

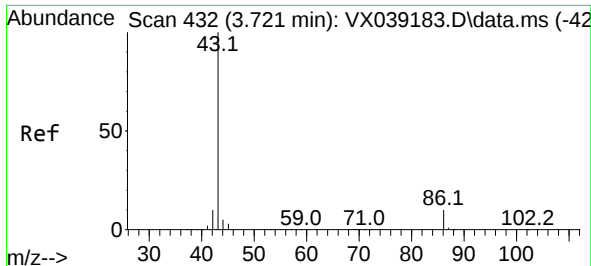
Tgt Ion: 96 Resp: 78415
Ion Ratio Lower Upper
96 100
61 147.2 119.2 178.8
98 62.9 48.7 73.1



#22
Diisopropyl ether
Concen: 49.847 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 45 Resp: 282582
Ion Ratio Lower Upper
45 100
43 73.2 69.7 104.5
87 25.4 20.8 31.2
59 11.2 9.0 13.4

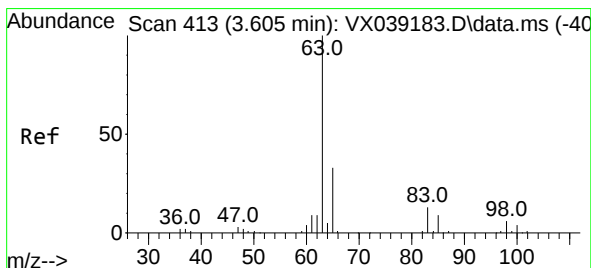
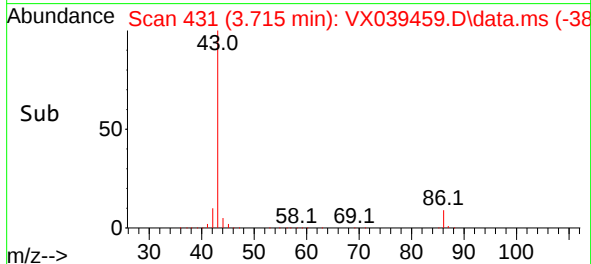
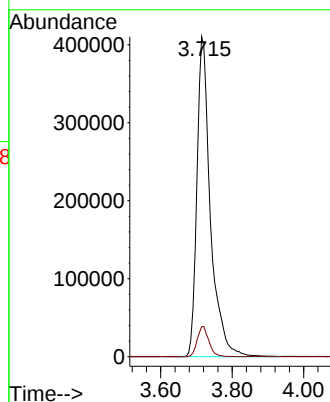
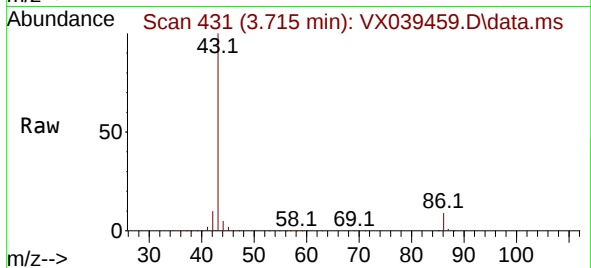




#23
 Vinyl Acetate
 Concen: 254.697 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

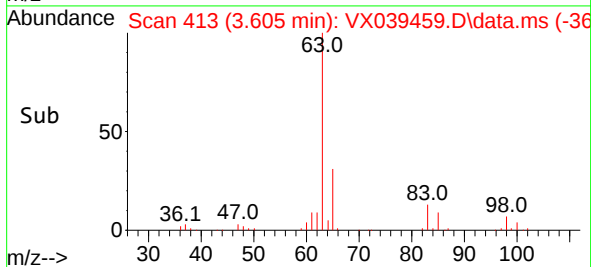
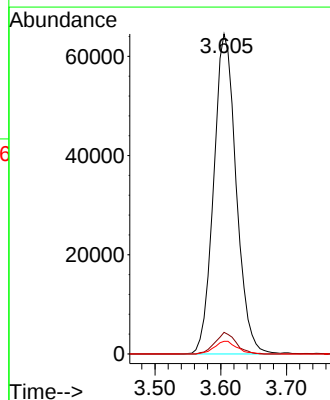
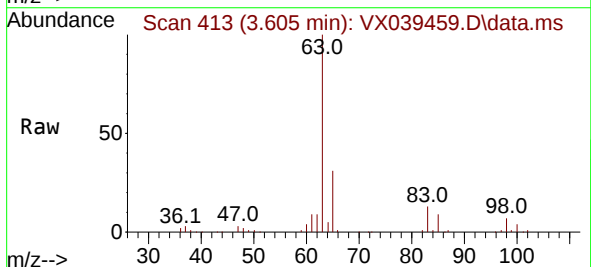
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

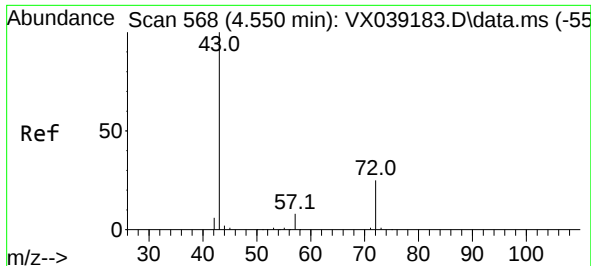
Tgt Ion: 43 Resp: 1074925
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.968 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion: 63 Resp: 153719
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.9 2.1 6.5

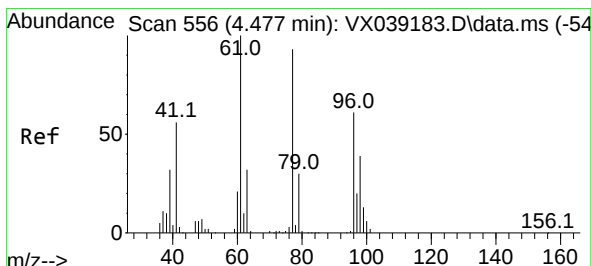
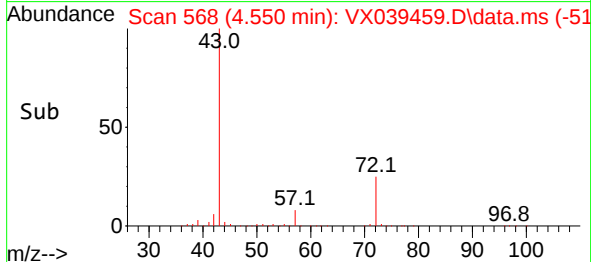
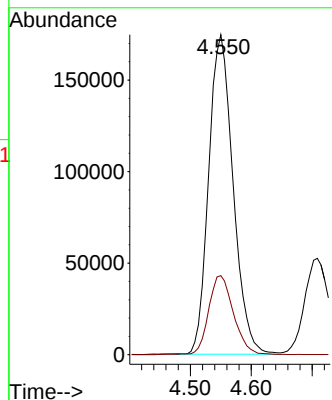
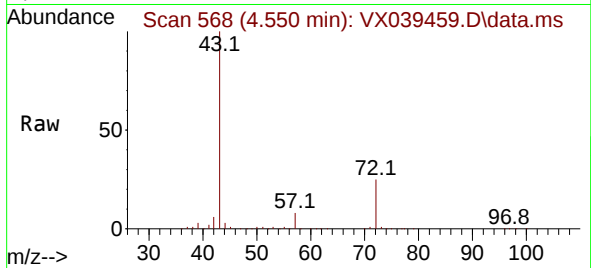




#25
2-Butanone
Concen: 257.348 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

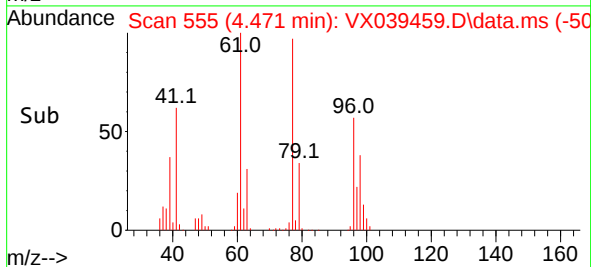
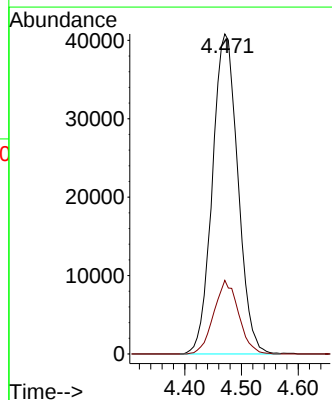
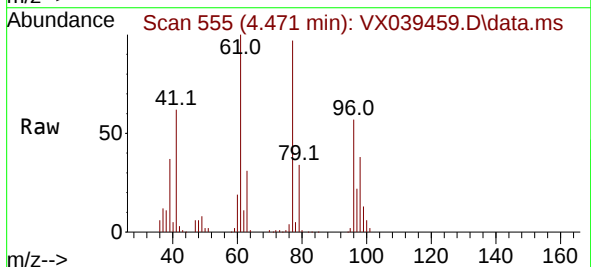
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

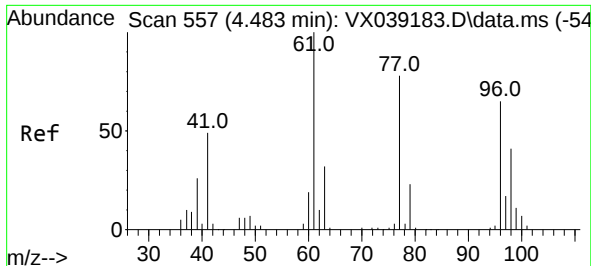
Tgt Ion: 43 Resp: 486346
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 45.623 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 77 Resp: 127641
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3

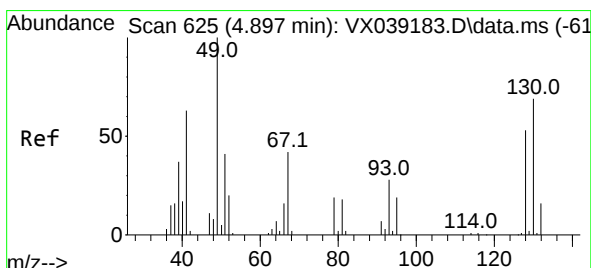
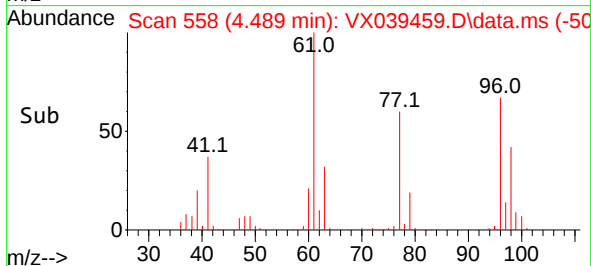
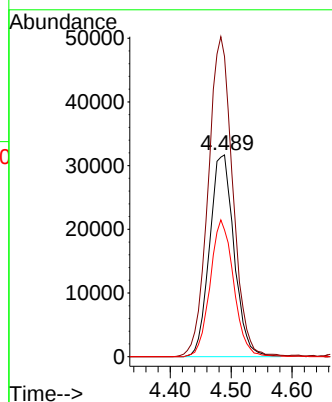
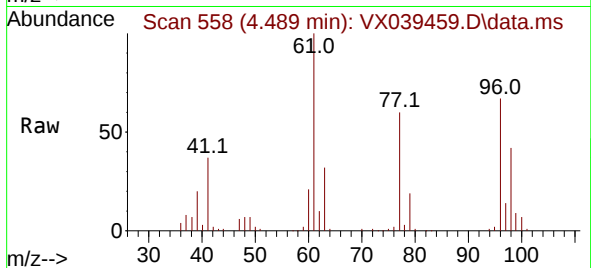




#27
cis-1,2-Dichloroethene
Concen: 47.940 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

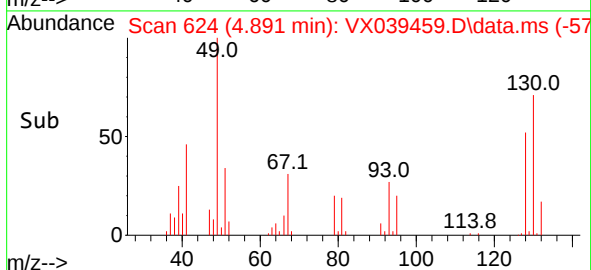
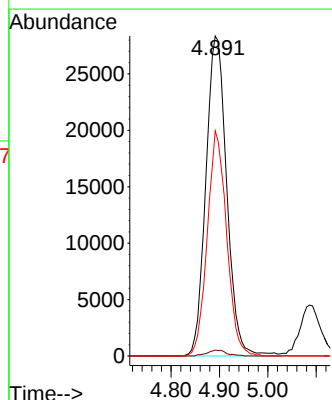
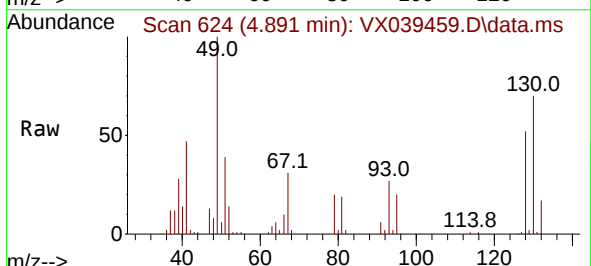
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

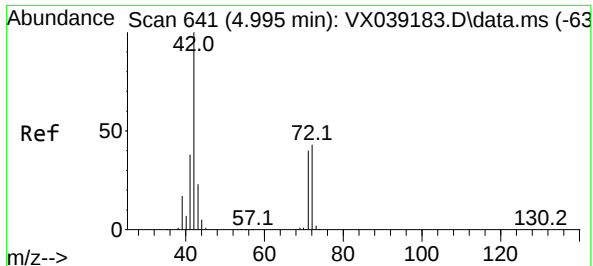
Tgt Ion: 96 Resp: 88516
Ion Ratio Lower Upper
96 100
61 159.3 0.0 312.2
98 65.2 0.0 129.0



#28
Bromochloromethane
Concen: 54.365 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 49 Resp: 85007
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 65.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 263.388 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

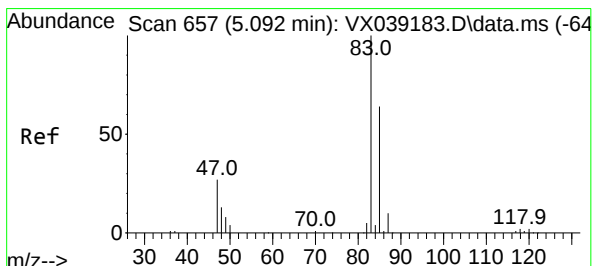
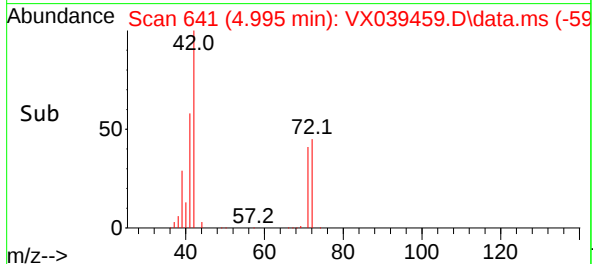
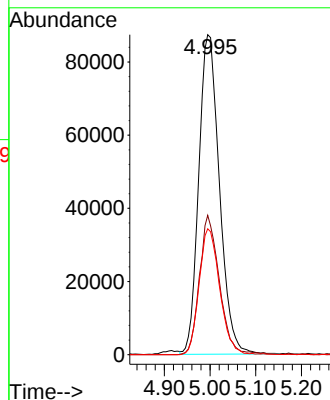
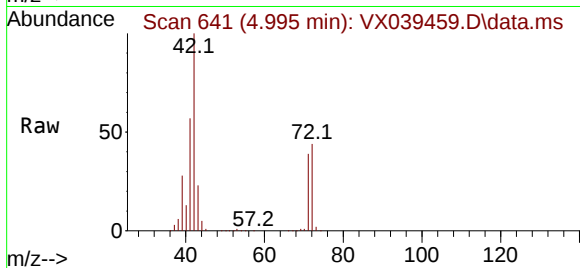
Tgt Ion: 42 Resp: 274886

Ion Ratio Lower Upper

42 100

72 42.1 34.2 51.4

71 39.3 32.2 48.2



#30

Chloroform

Concen: 48.069 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039459.D

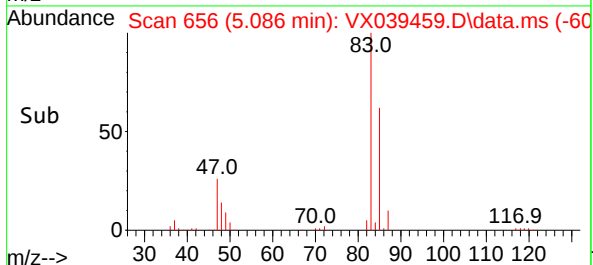
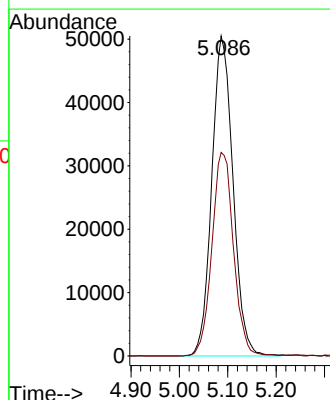
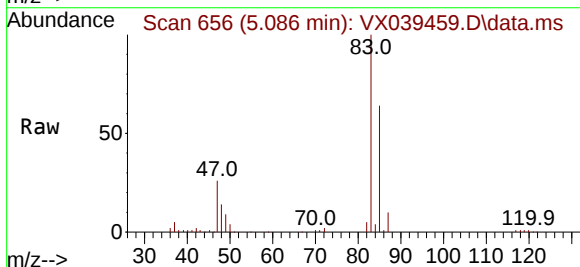
Acq: 26 Dec 2023 12:01

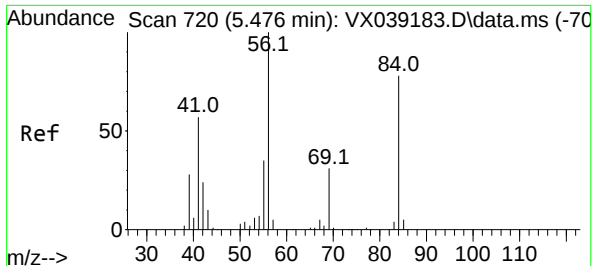
Tgt Ion: 83 Resp: 153938

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

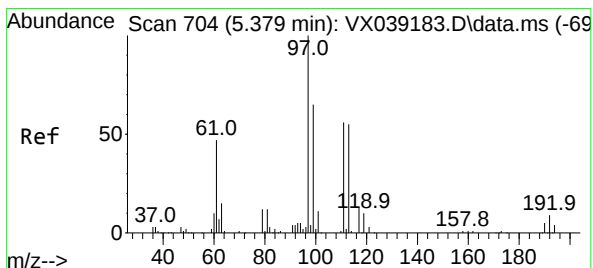
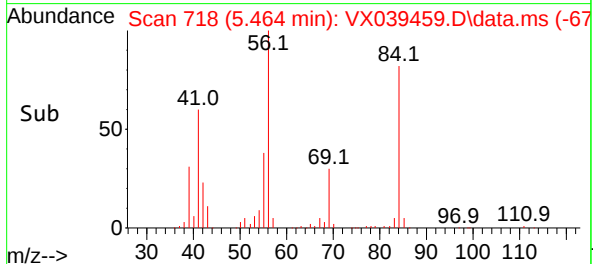
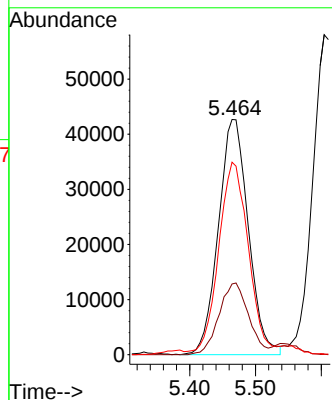
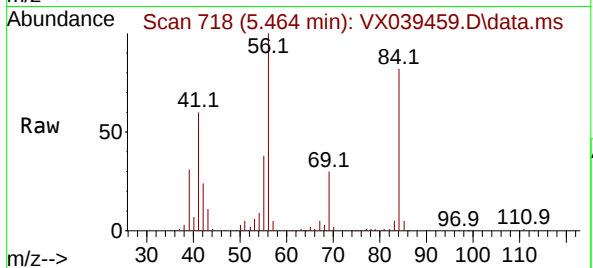




#31
Cyclohexane
Concen: 47.849 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

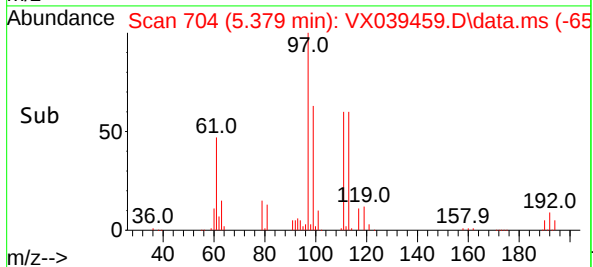
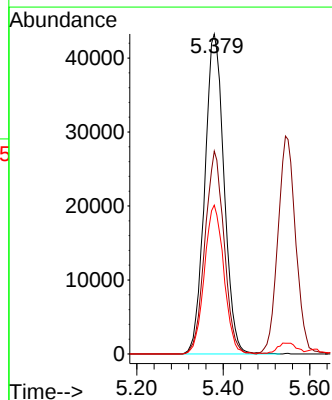
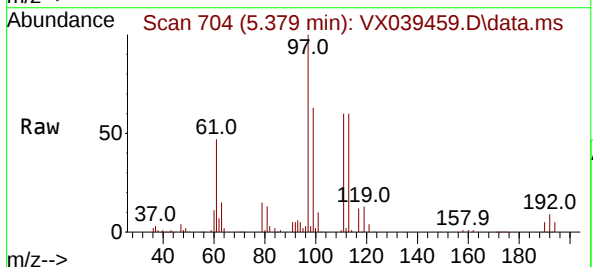
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

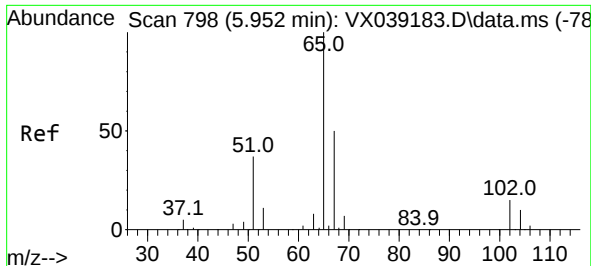
Tgt Ion: 56 Resp: 135348
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 79.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 48.190 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 97 Resp: 133973
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 47.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.217 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

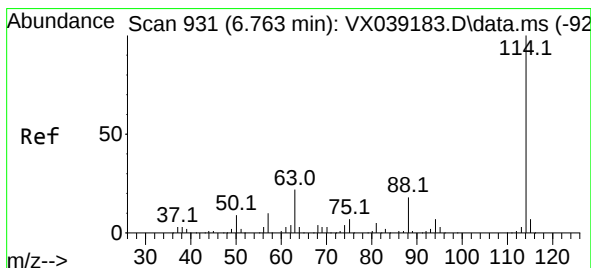
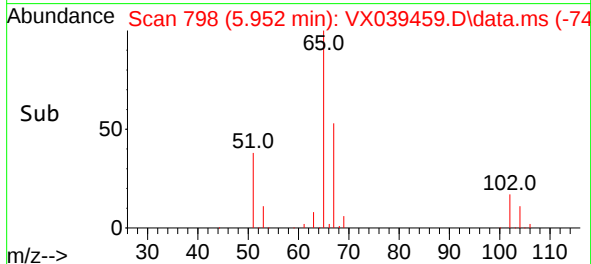
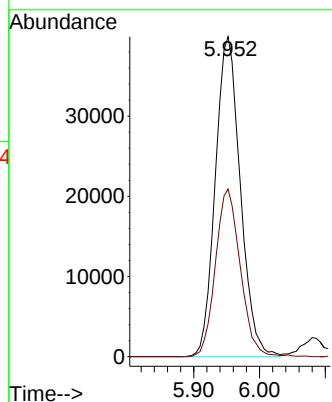
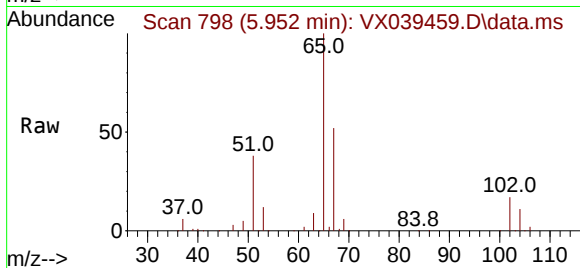
VSTDCCC050

Tgt Ion: 65 Resp: 105596

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

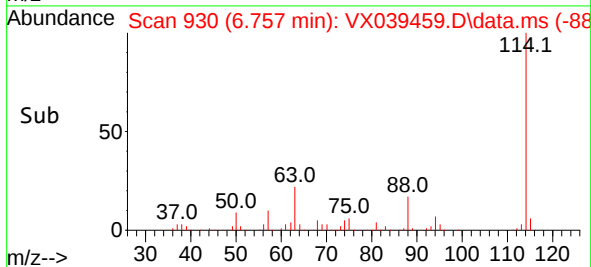
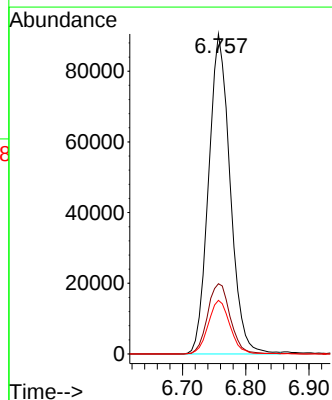
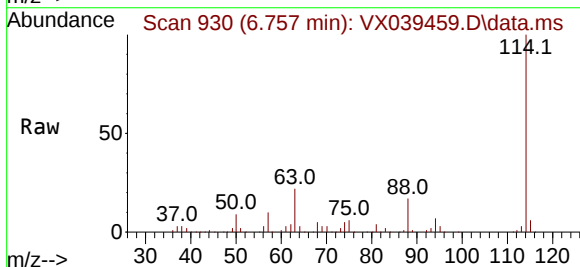
Tgt Ion: 114 Resp: 214429

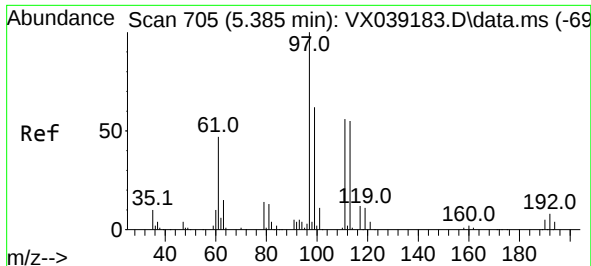
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.7 0.0 36.6

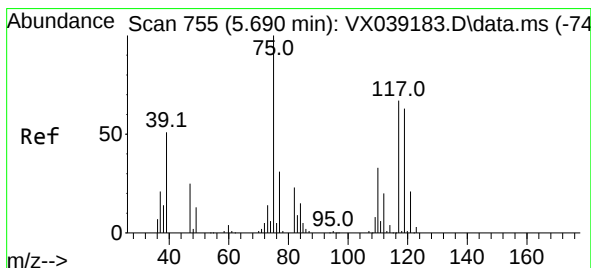
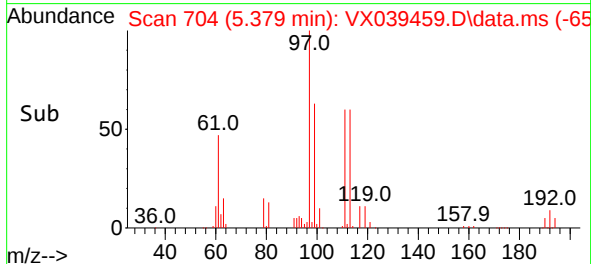
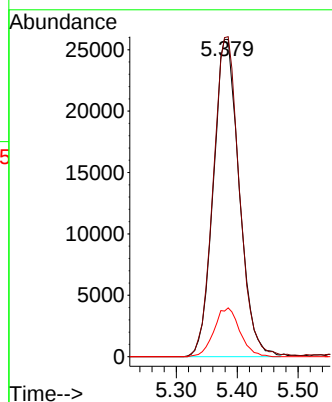
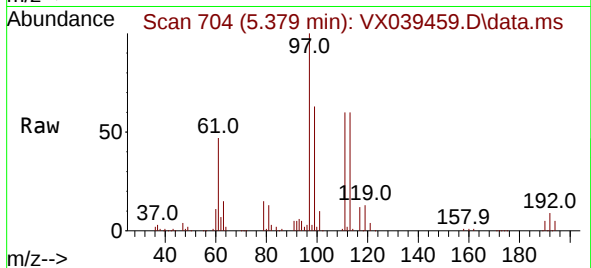




#35
Dibromofluoromethane
Concen: 51.437 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

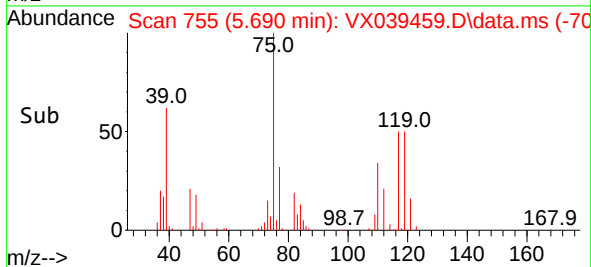
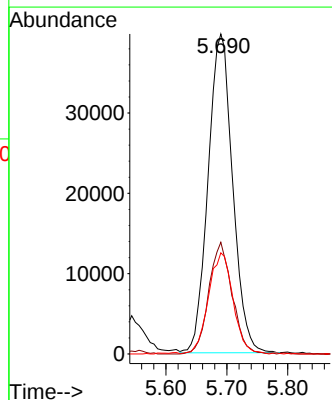
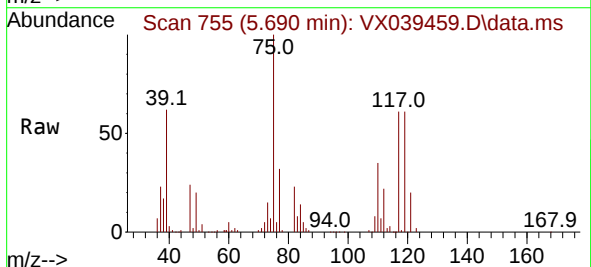
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

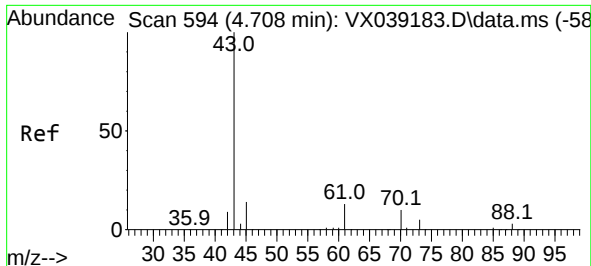
Tgt Ion:113 Resp: 76197
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.572 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 75 Resp: 111208
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 52.330 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

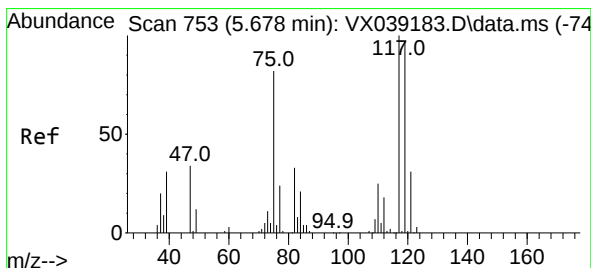
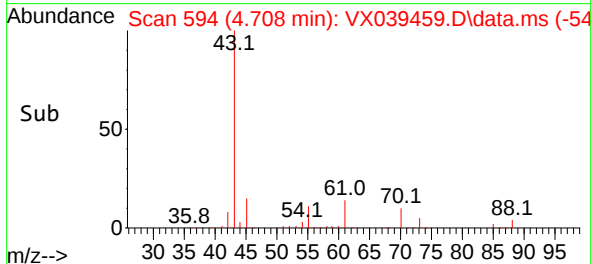
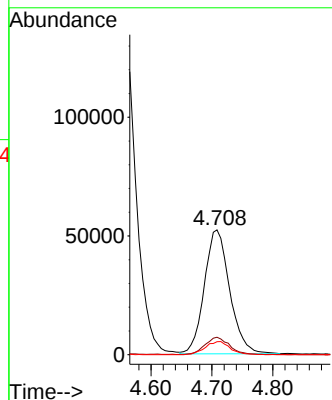
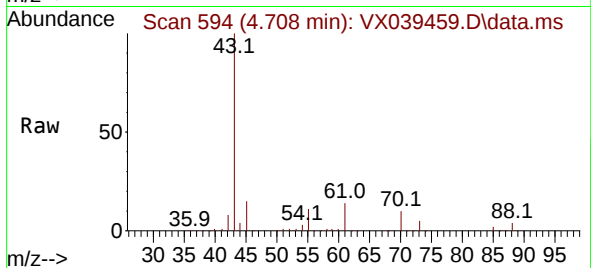
Tgt Ion: 43 Resp: 151133

Ion Ratio Lower Upper

43 100

61 13.8 10.6 16.0

70 10.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 47.843 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

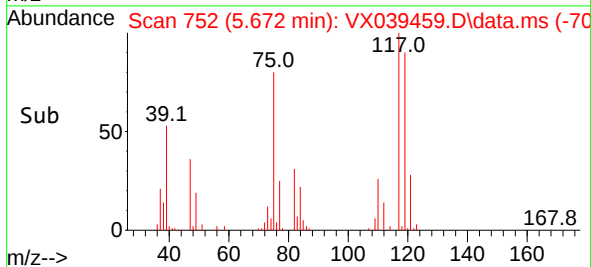
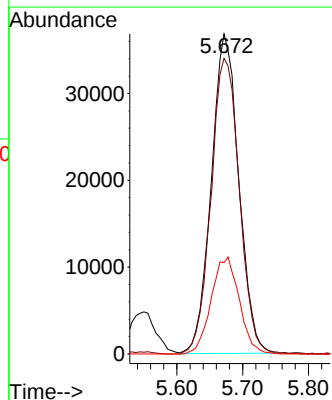
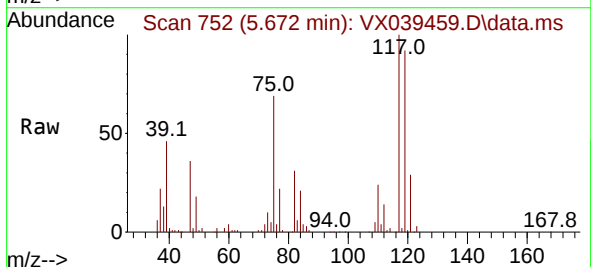
Tgt Ion: 117 Resp: 106731

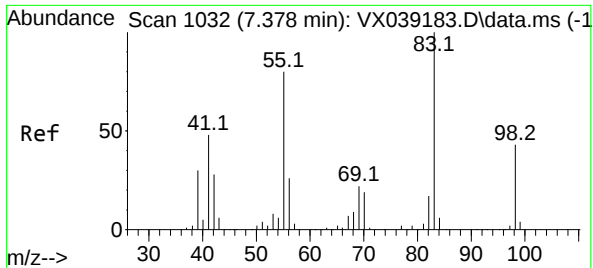
Ion Ratio Lower Upper

117 100

119 92.6 78.2 117.2

121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 50.257 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

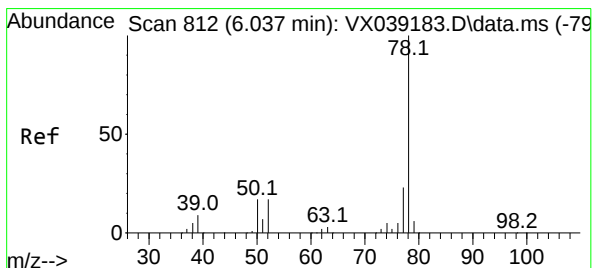
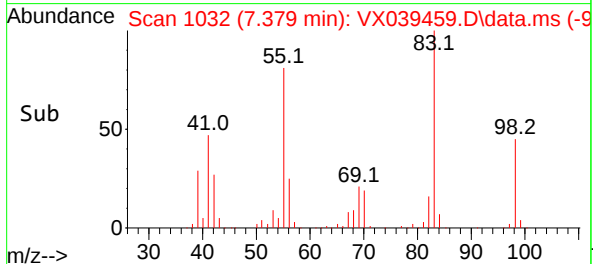
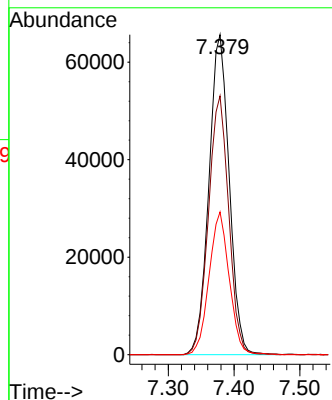
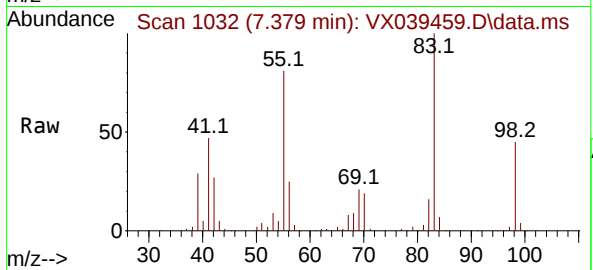
Tgt Ion: 83 Resp: 141122

Ion Ratio Lower Upper

83 100

55 80.8 64.6 97.0

98 44.6 36.7 55.1



#40

Benzene

Concen: 49.747 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039459.D

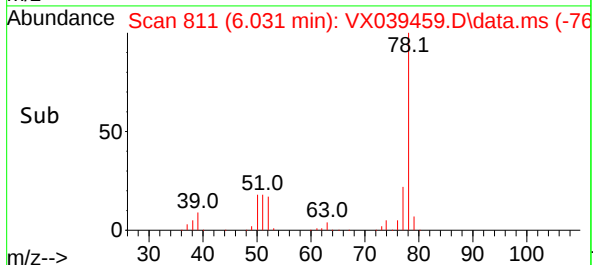
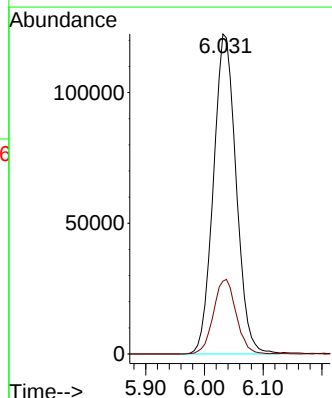
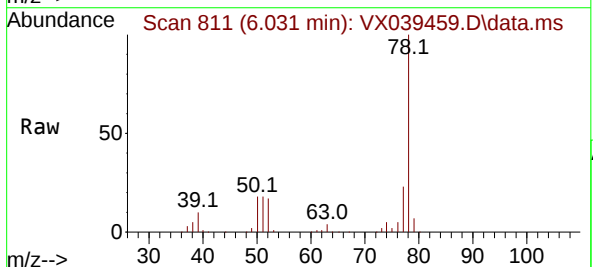
Acq: 26 Dec 2023 12:01

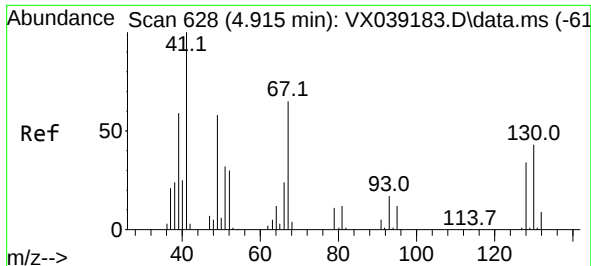
Tgt Ion: 78 Resp: 328959

Ion Ratio Lower Upper

78 100

77 22.8 19.3 28.9



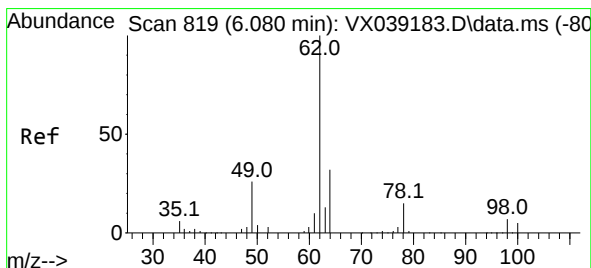
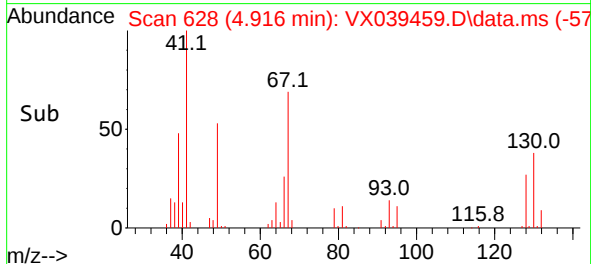
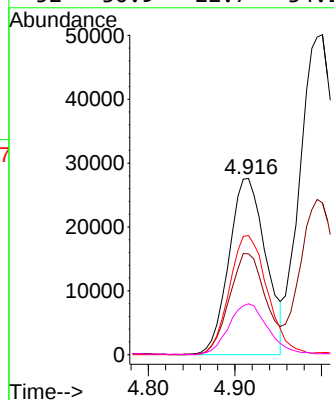
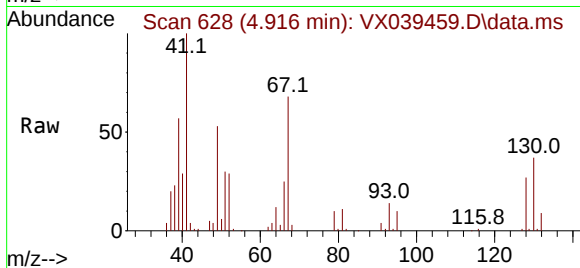


#41
Methacrylonitrile
Concen: 53.044 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 81738

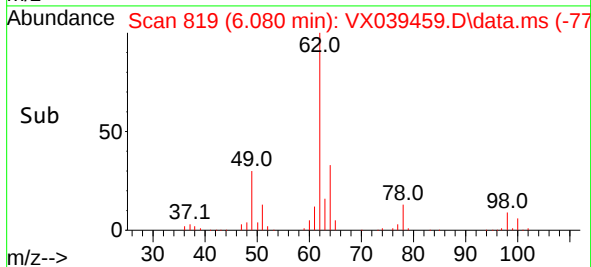
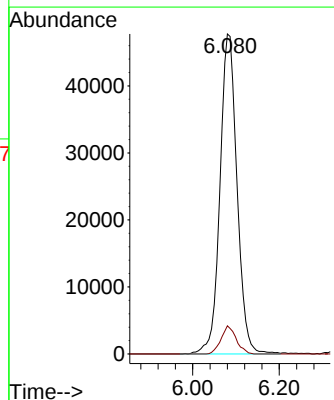
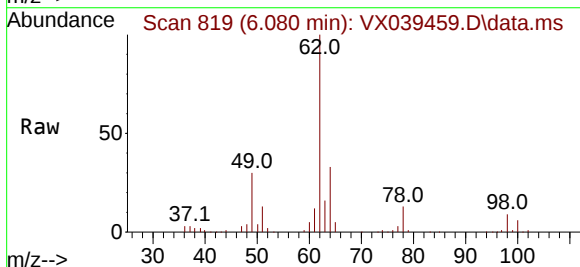
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	69.5	52.6	78.8
52	30.9	22.7	34.1

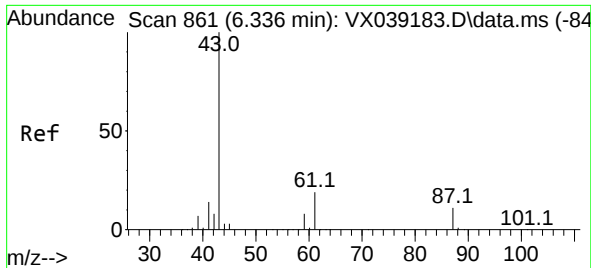


#42
1,2-Dichloroethane
Concen: 48.899 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 62 Resp: 130890

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.0

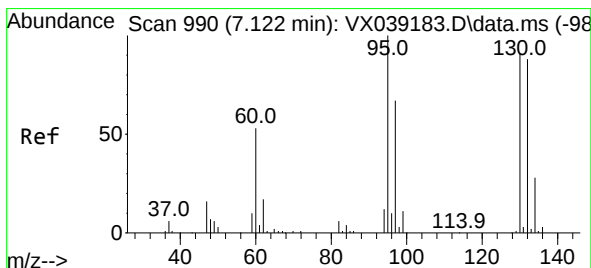
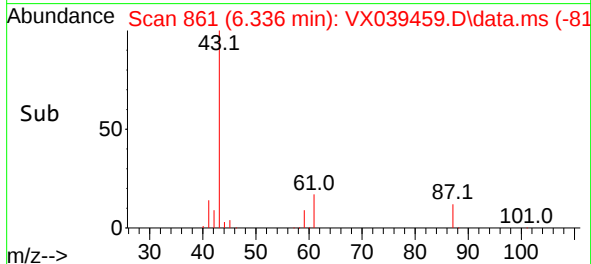
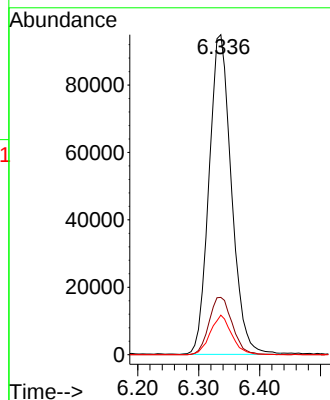
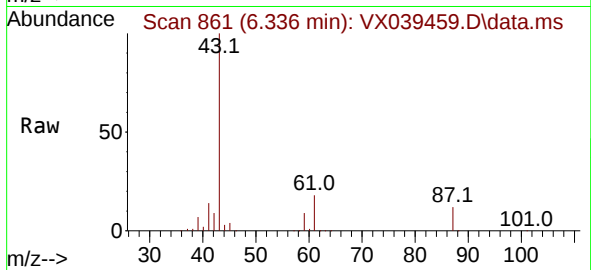




#43
Isopropyl Acetate
Concen: 51.672 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

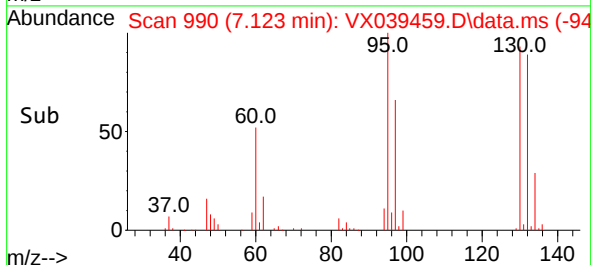
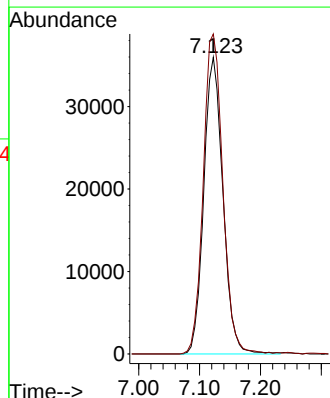
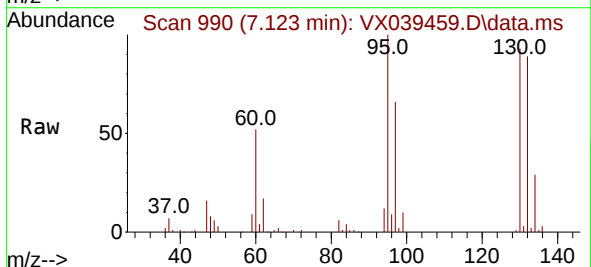
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

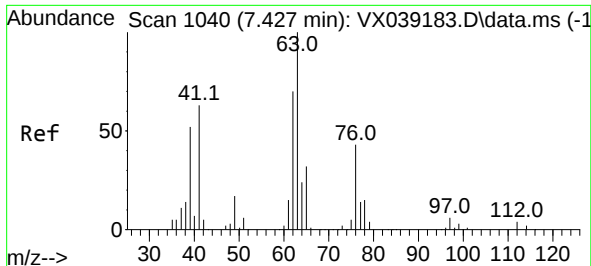
Tgt Ion: 43 Resp: 242673
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 11.8 9.8 14.6



#44
Trichloroethene
Concen: 47.136 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion:130 Resp: 78655
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.4

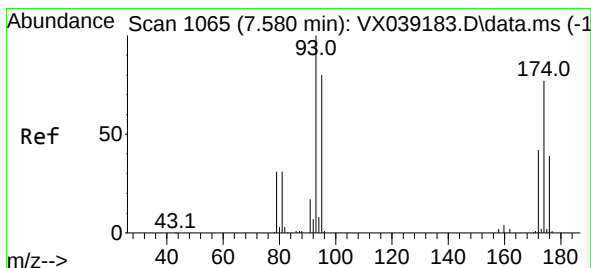
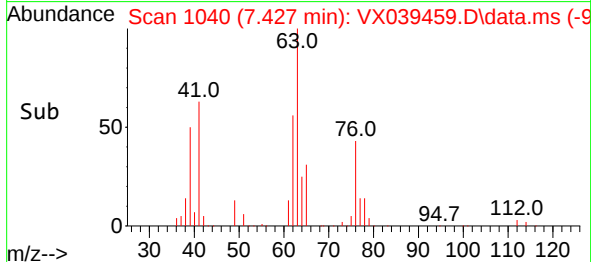
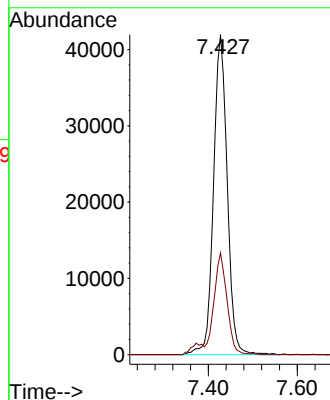
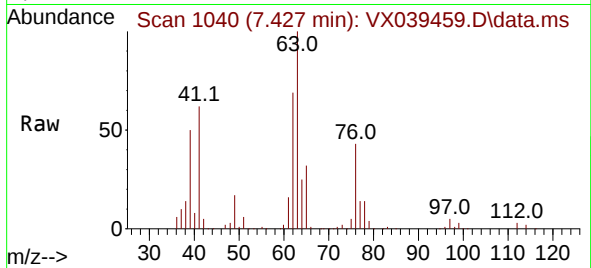




#45
1,2-Dichloropropane
Concen: 50.657 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

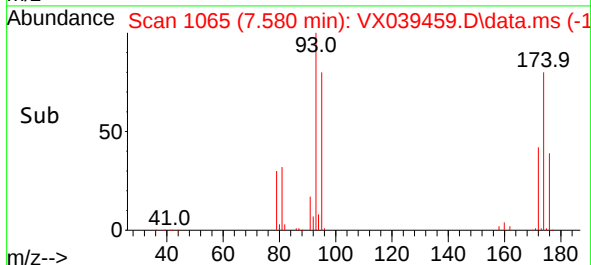
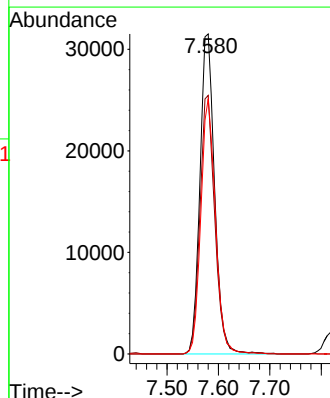
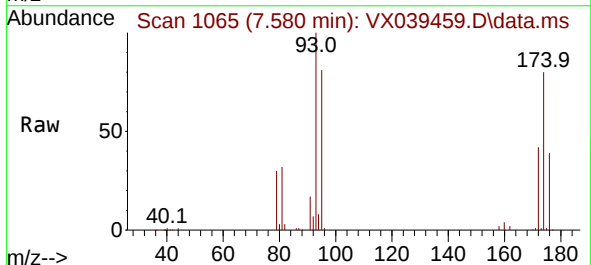
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

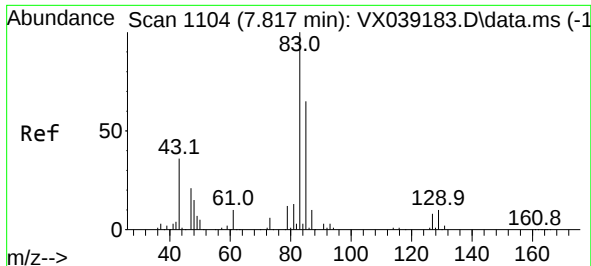
Tgt Ion: 63 Resp: 89901
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 50.079 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 93 Resp: 62476
Ion Ratio Lower Upper
93 100
95 81.6 66.6 100.0
174 79.6 69.4 104.0

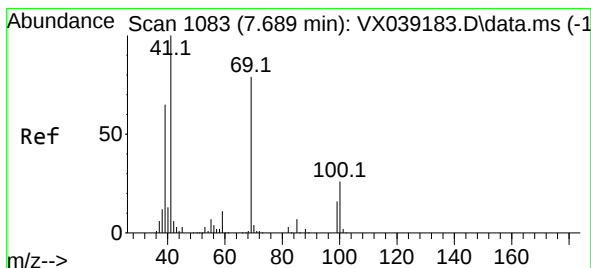
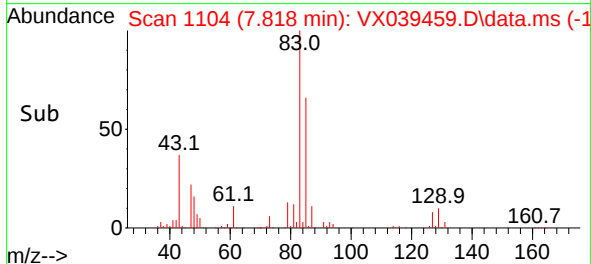
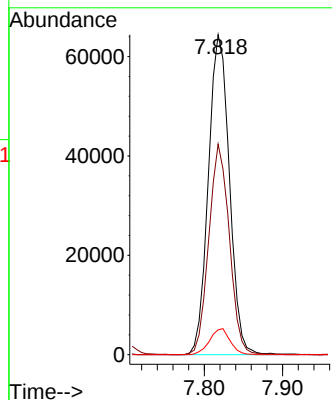
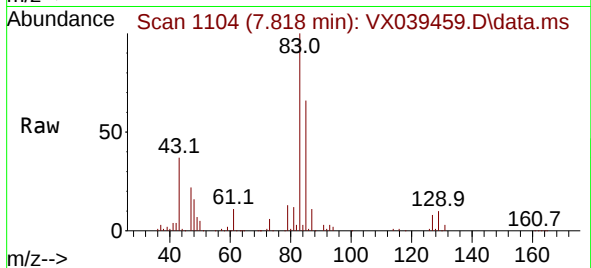




#47
Bromodichloromethane
Concen: 50.361 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

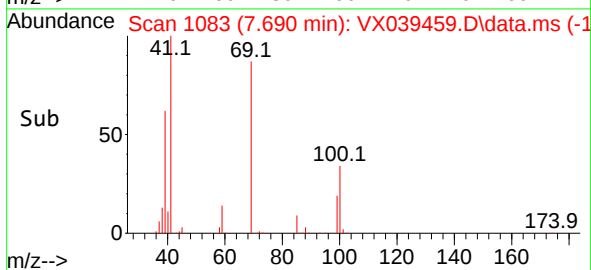
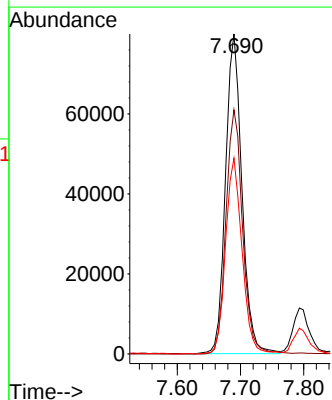
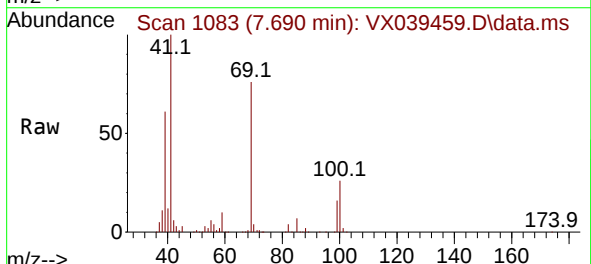
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

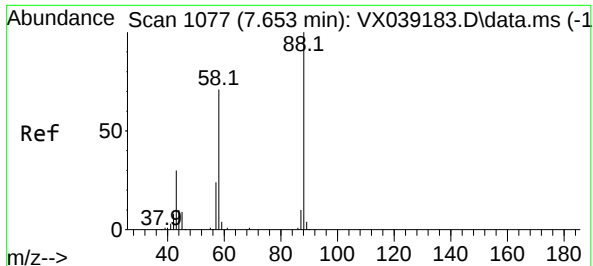
Tgt Ion: 83 Resp: 120128
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 52.304 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 41 Resp: 143607
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1189.155 ug/l

RT: 7.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

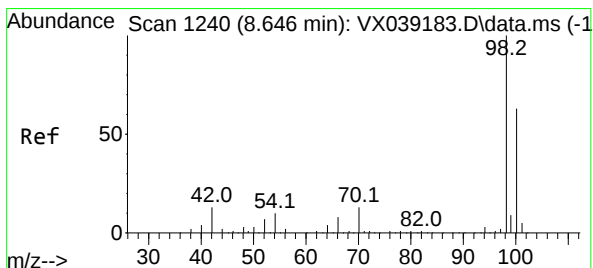
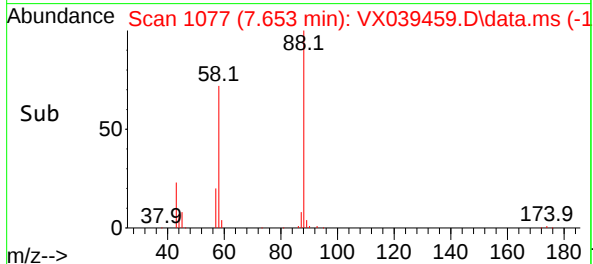
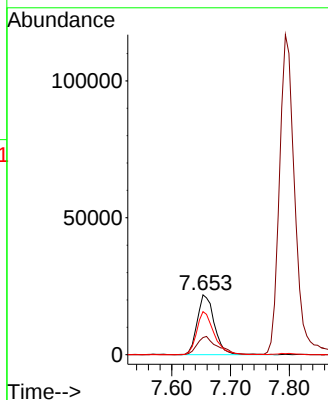
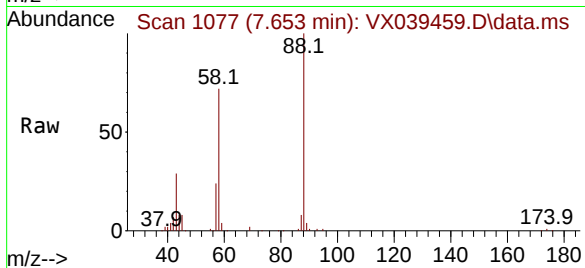
Tgt Ion: 88 Resp: 44010

Ion Ratio Lower Upper

88 100

43 36.9 0.0 0.0#

58 72.4 60.1 90.1



#50

Toluene-d8

Concen: 51.699 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039459.D

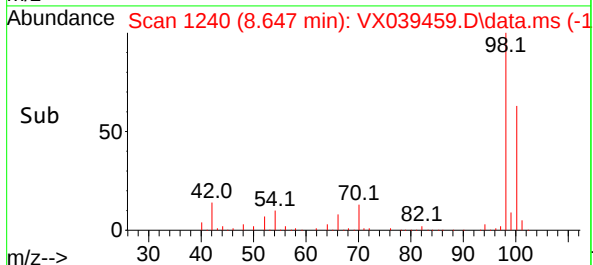
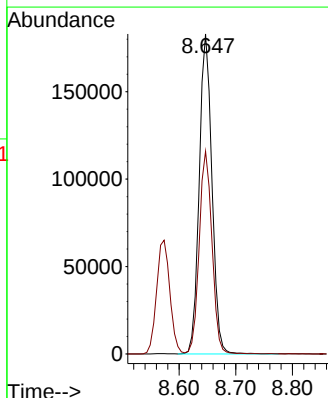
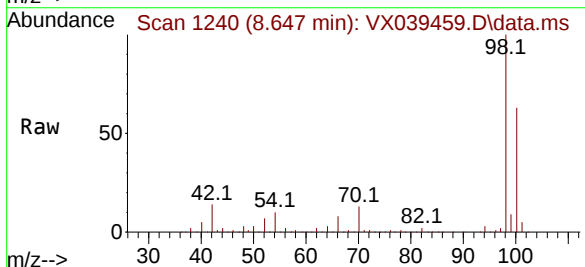
Acq: 26 Dec 2023 12:01

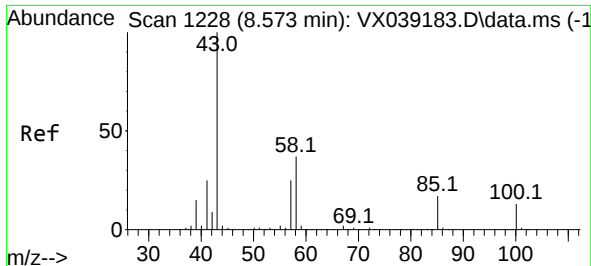
Tgt Ion: 98 Resp: 284328

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 270.161 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

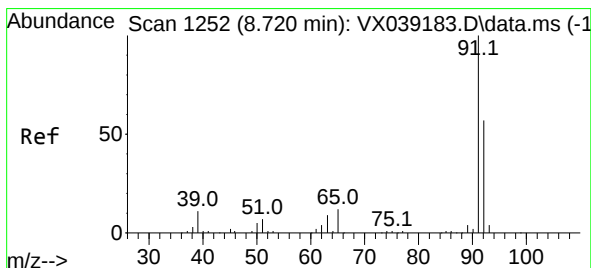
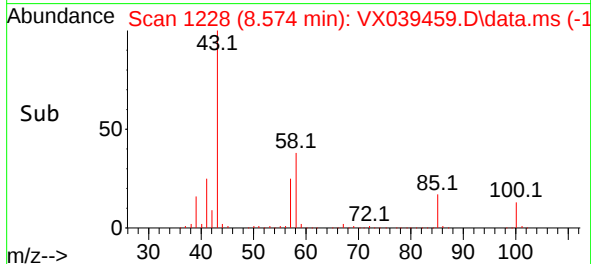
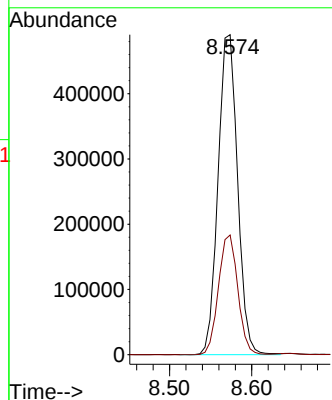
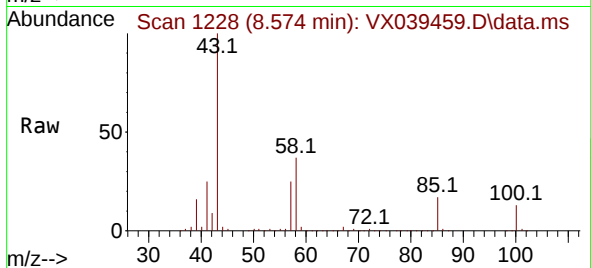
VSTDCCC050

Tgt Ion: 43 Resp: 808405

Ion Ratio Lower Upper

43 100

58 37.2 30.4 45.6



#52

Toluene

Concen: 50.125 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039459.D

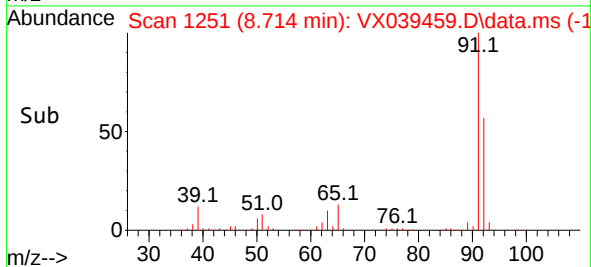
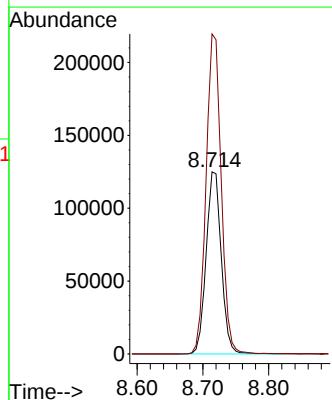
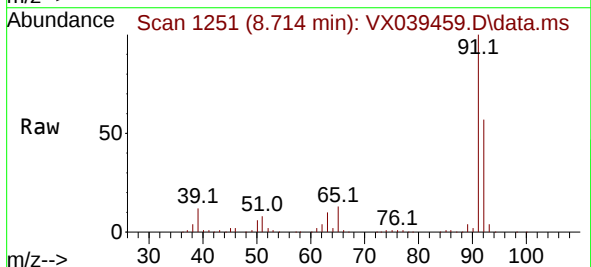
Acq: 26 Dec 2023 12:01

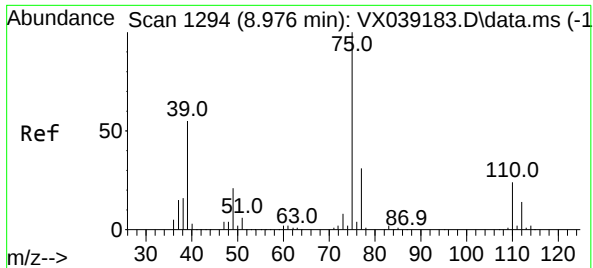
Tgt Ion: 92 Resp: 200059

Ion Ratio Lower Upper

92 100

91 175.7 134.2 201.2

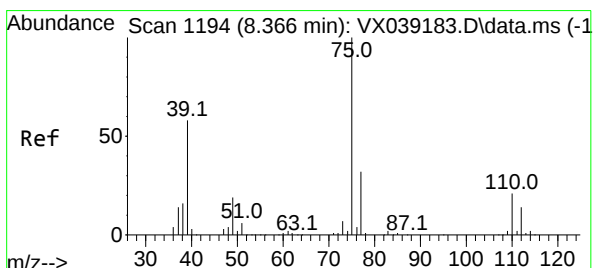
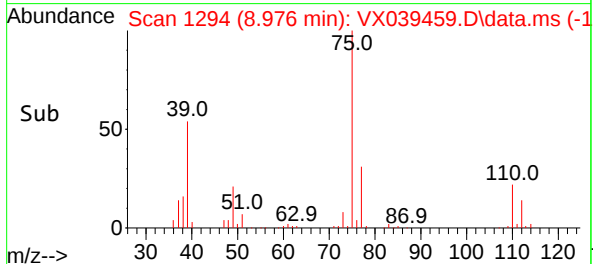
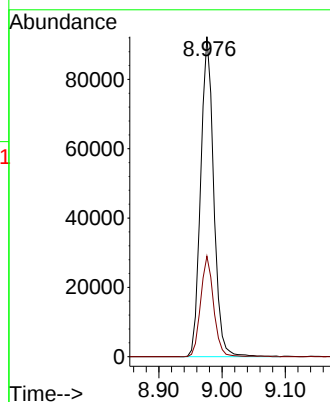
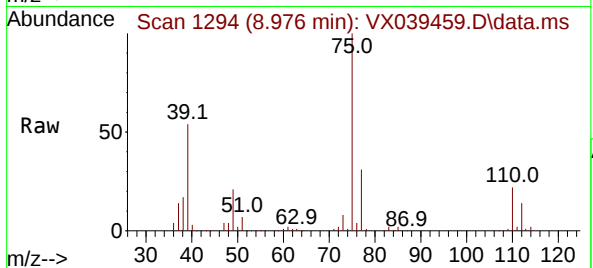




#53
 t-1,3-Dichloropropene
 Concen: 50.561 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

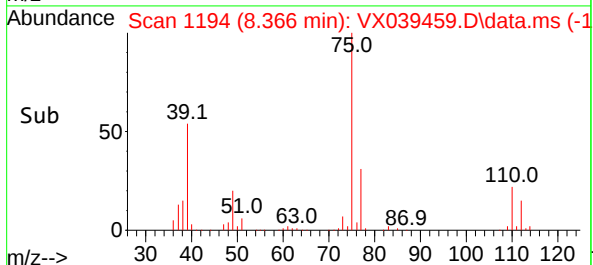
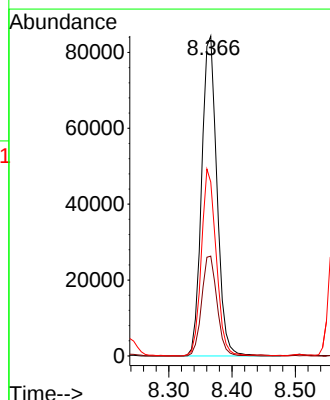
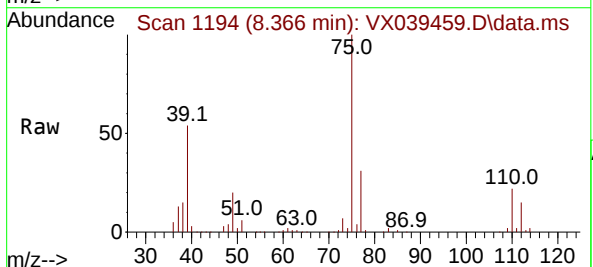
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

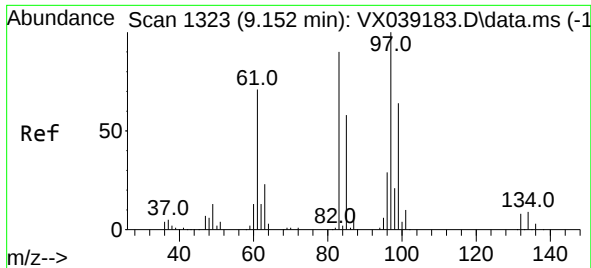
Tgt Ion: 75 Resp: 132779
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.245 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion: 75 Resp: 141975
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 54.3 46.7 70.1



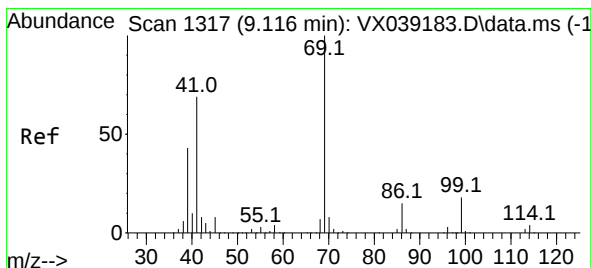
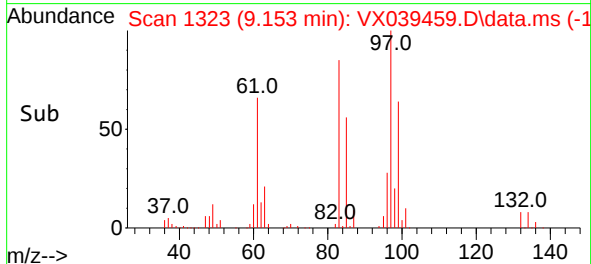
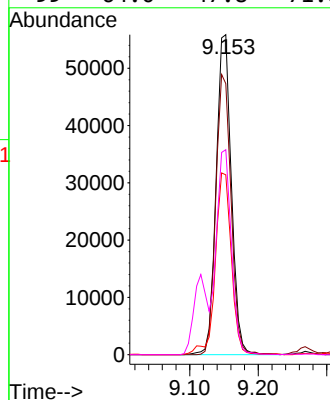
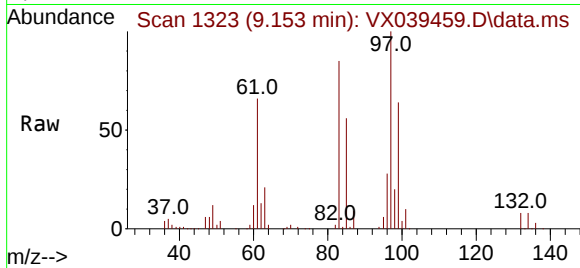


#55
1,1,2-Trichloroethane
Concen: 51.728 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 86191

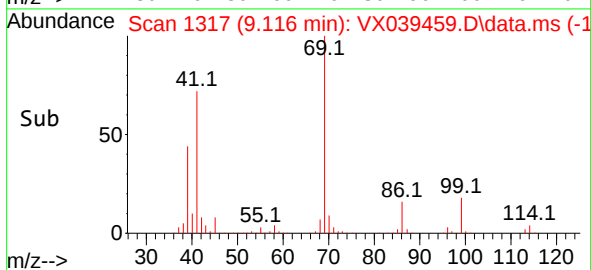
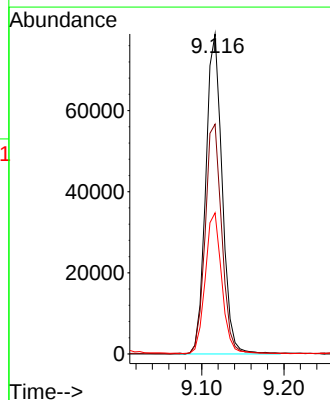
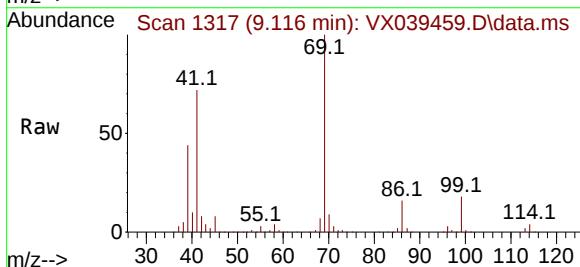
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.8	98.8
85	56.2	41.6	62.4
99	64.0	47.8	71.8

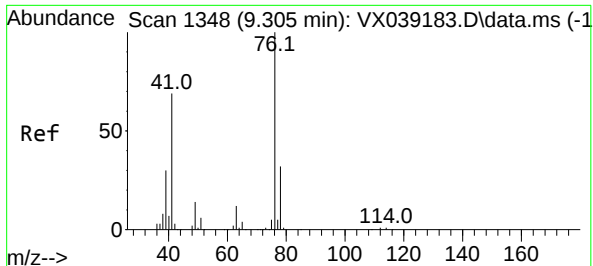


#56
Ethyl methacrylate
Concen: 53.743 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 69 Resp: 109318

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	44.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.150 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

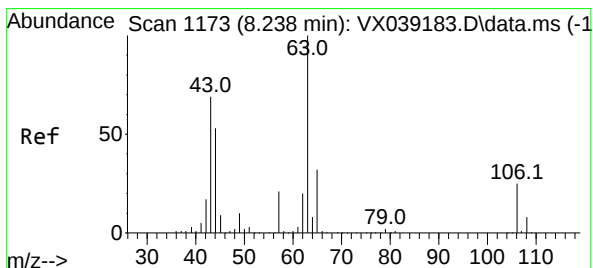
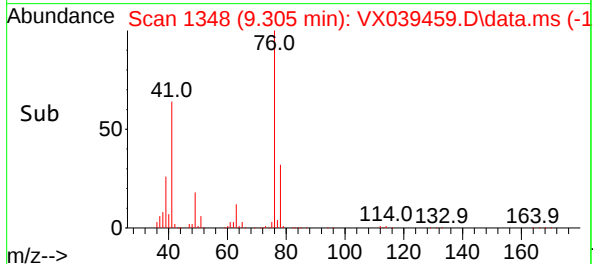
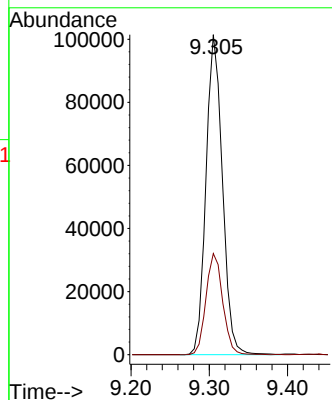
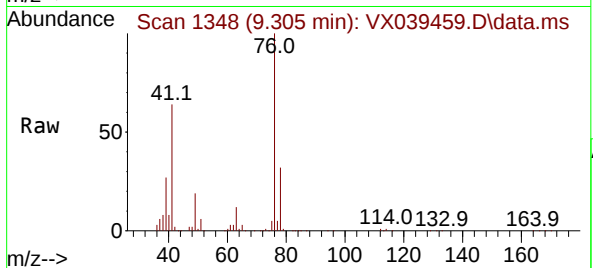
VSTDCCC050

Tgt Ion: 76 Resp: 147340

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 245.066 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039459.D

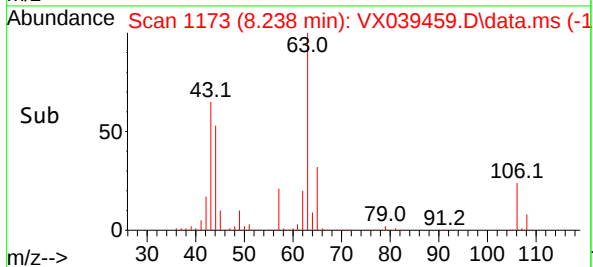
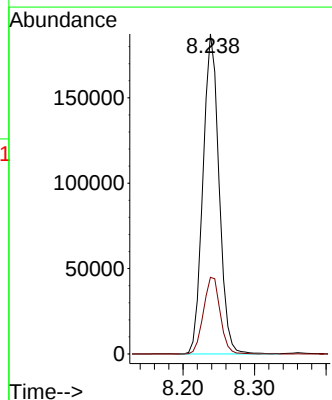
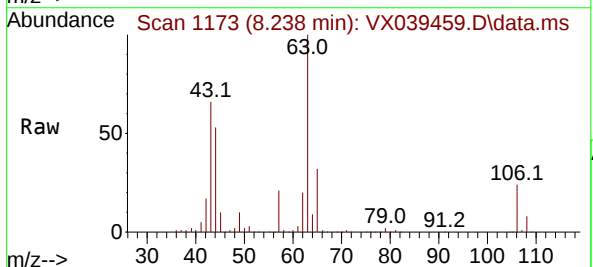
Acq: 26 Dec 2023 12:01

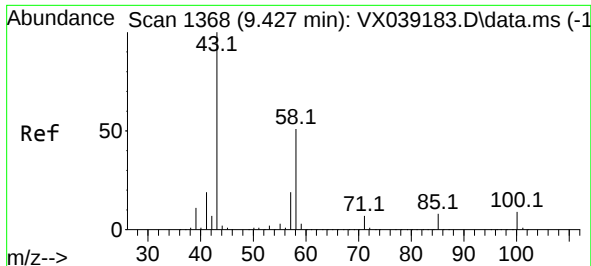
Tgt Ion: 63 Resp: 292705

Ion Ratio Lower Upper

63 100

106 24.9 22.5 33.7





#59

2-Hexanone

Concen: 268.852 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

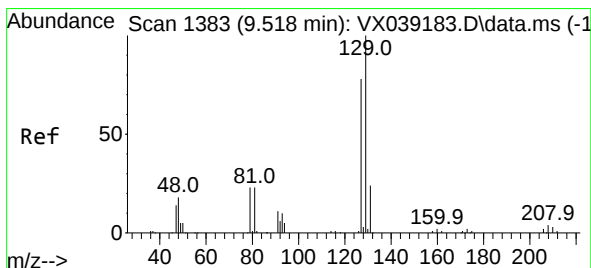
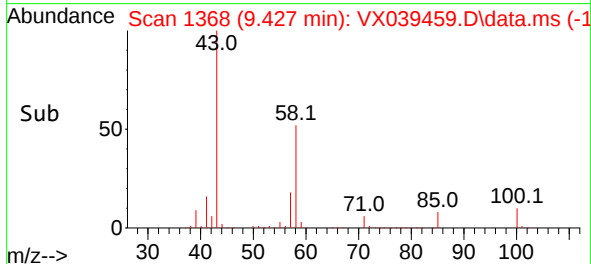
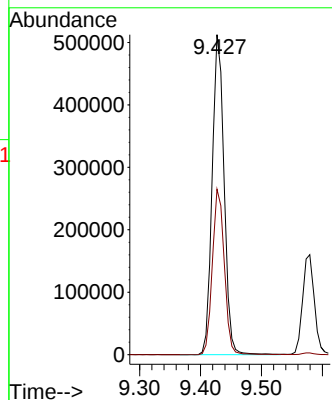
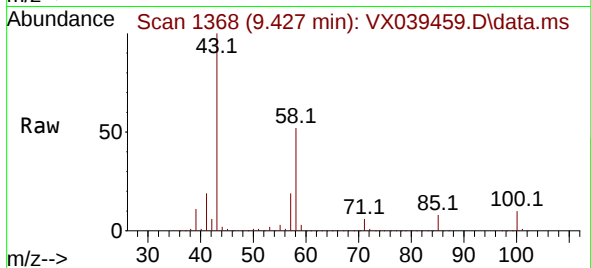
VSTDCCC050

Tgt Ion: 43 Resp: 694305

Ion Ratio Lower Upper

43 100

58 51.9 26.2 78.5



#60

Dibromochloromethane

Concen: 51.114 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039459.D

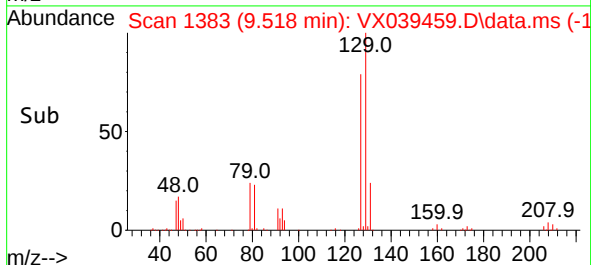
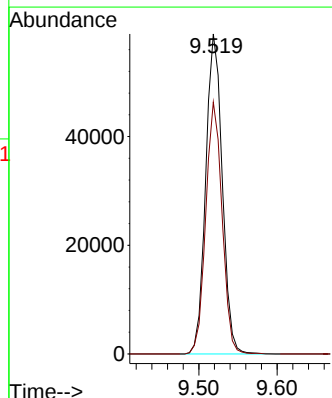
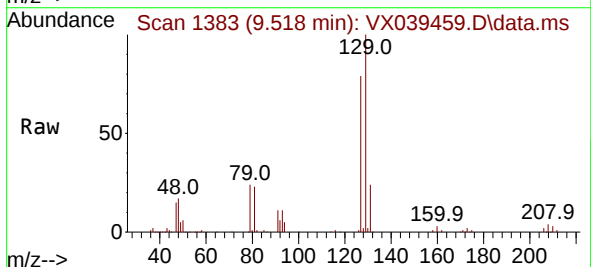
Acq: 26 Dec 2023 12:01

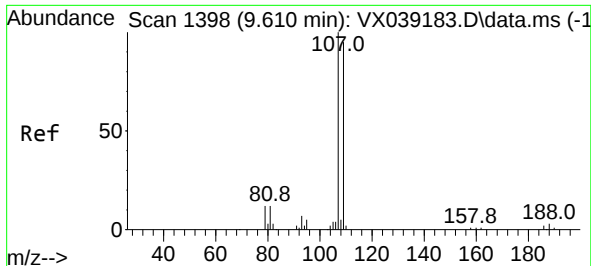
Tgt Ion: 129 Resp: 86133

Ion Ratio Lower Upper

129 100

127 77.8 38.8 116.4

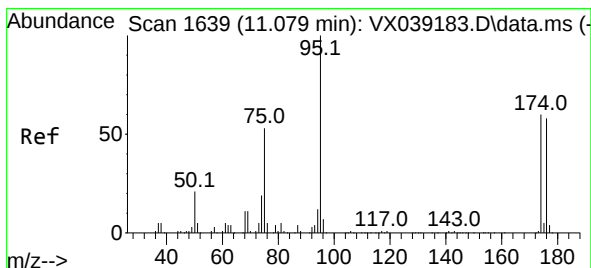
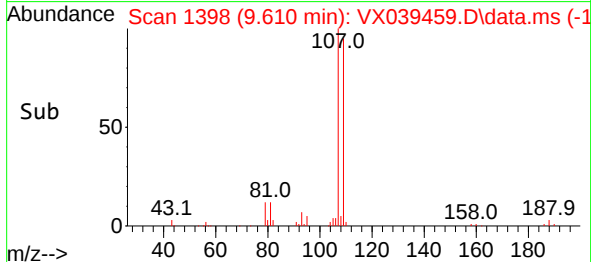
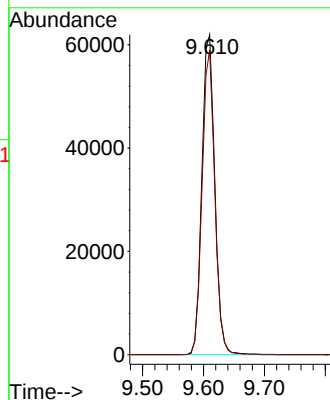
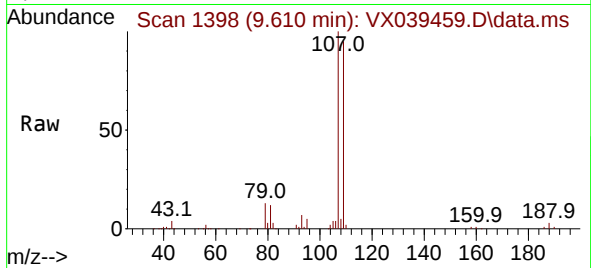




#61
1,2-Dibromoethane
Concen: 51.281 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

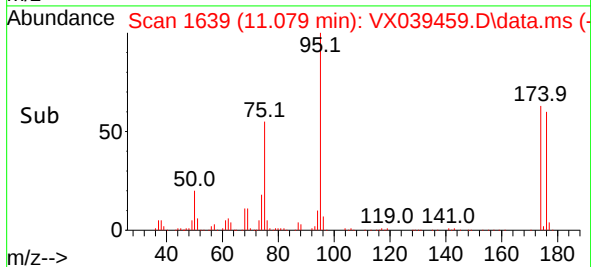
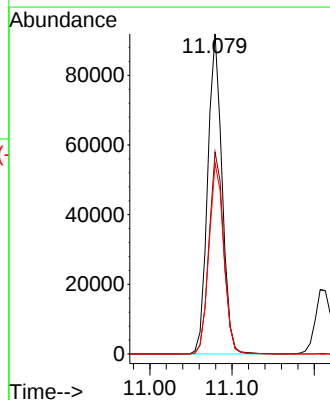
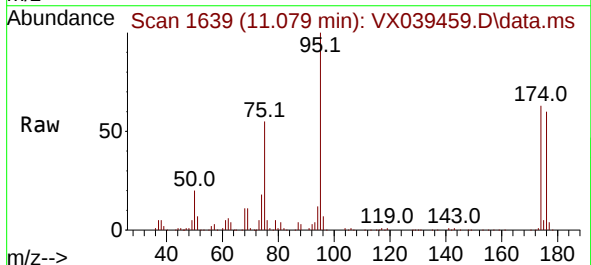
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

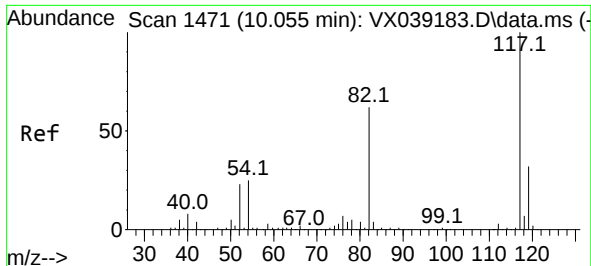
Tgt Ion:107 Resp: 91217
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 95 Resp: 111197
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 61.6 0.0 131.0

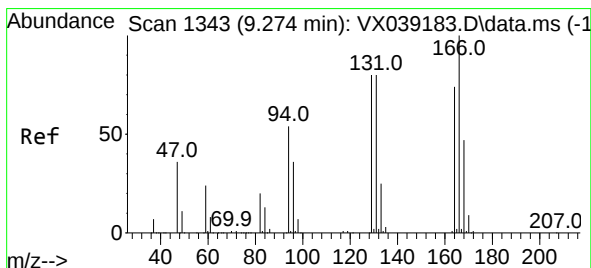
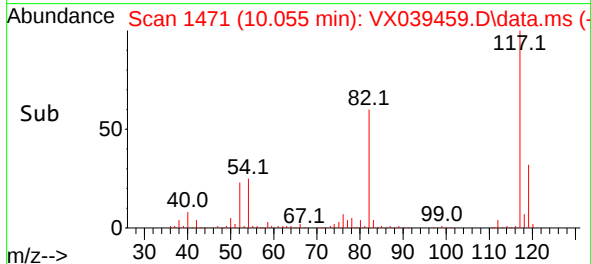
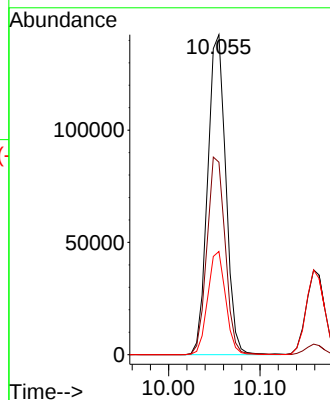
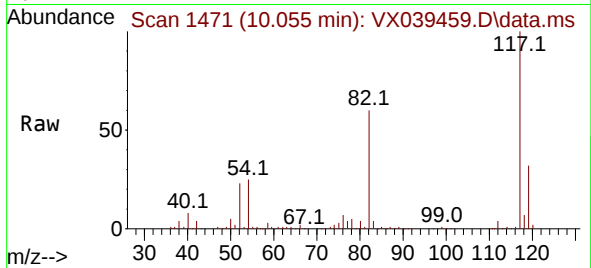




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

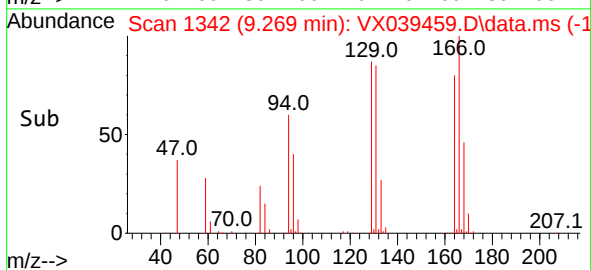
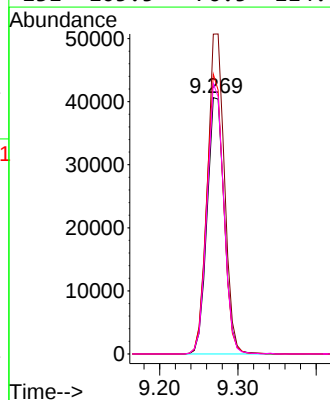
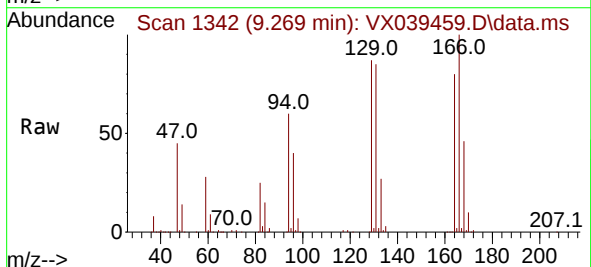
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

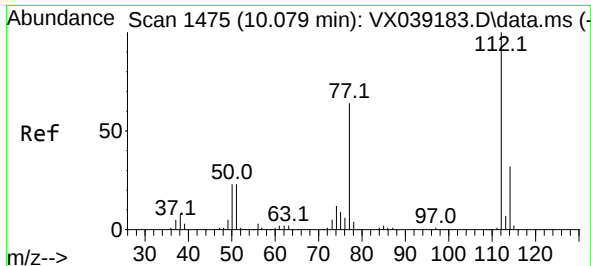
Tgt Ion:117 Resp: 196082
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 47.891 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion:164 Resp: 61364
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 109.2 80.4 120.6
131 105.5 76.5 114.7

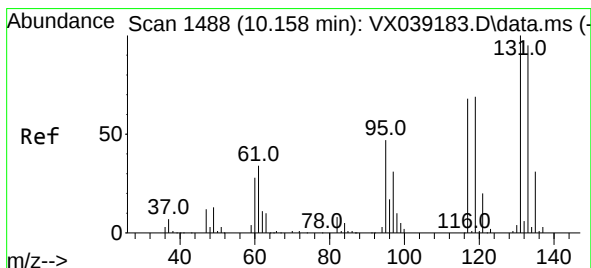
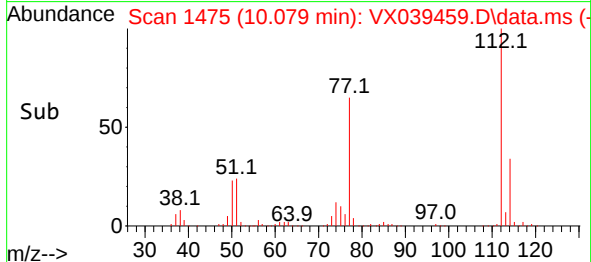
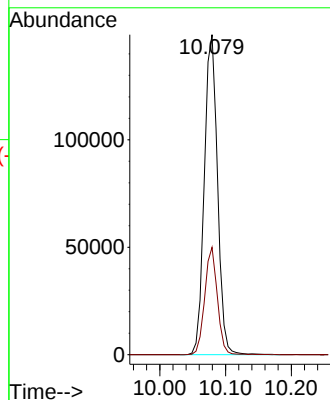
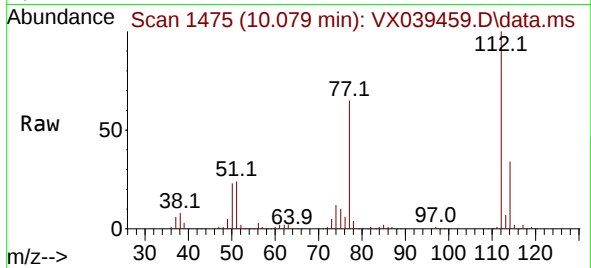




#65
Chlorobenzene
Concen: 48.537 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

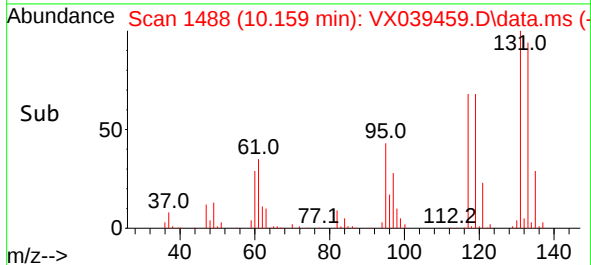
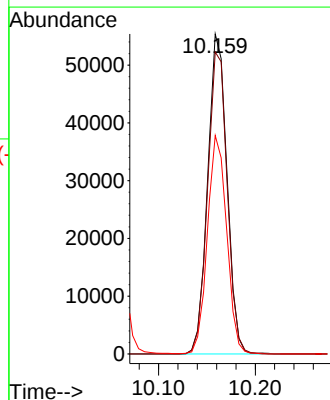
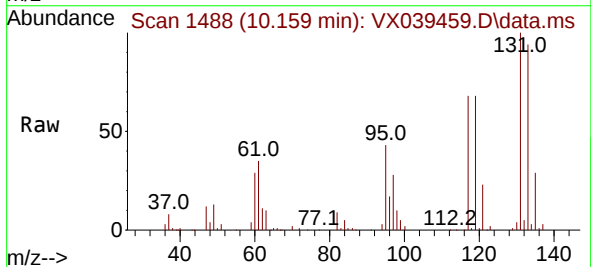
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

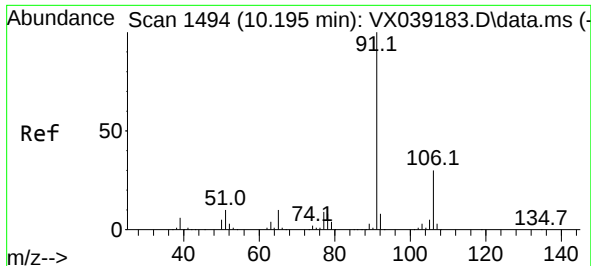
Tgt Ion:112 Resp: 207730
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.809 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion:131 Resp: 76812
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 68.1 32.2 96.6





#67

Ethyl Benzene

Concen: 50.133 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

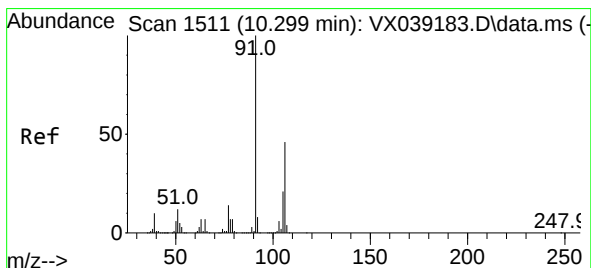
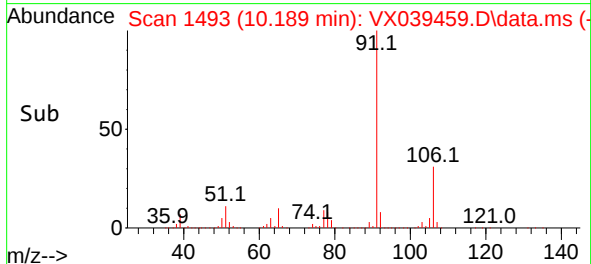
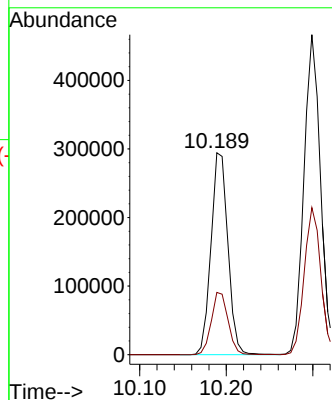
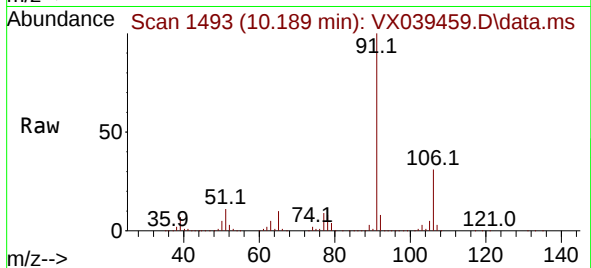
VSTDCCC050

Tgt Ion: 91 Resp: 399397

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 100.493 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039459.D

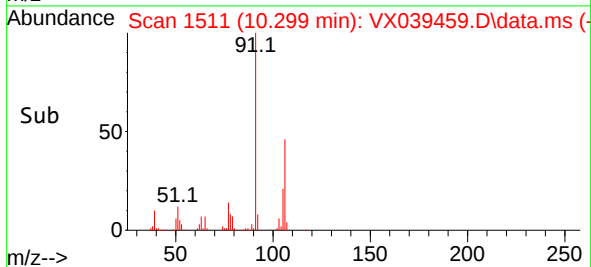
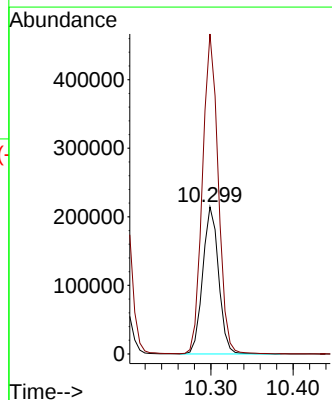
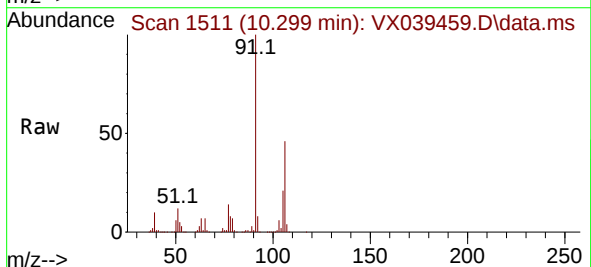
Acq: 26 Dec 2023 12:01

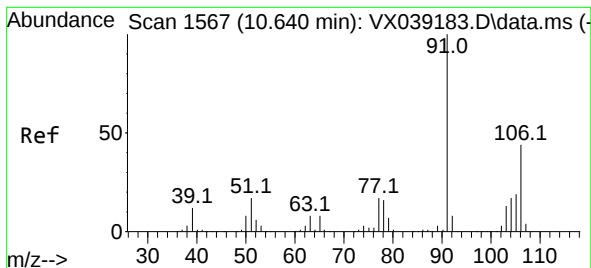
Tgt Ion:106 Resp: 287053

Ion Ratio Lower Upper

106 100

91 216.7 165.5 248.3





#69

o-Xylene

Concen: 51.305 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

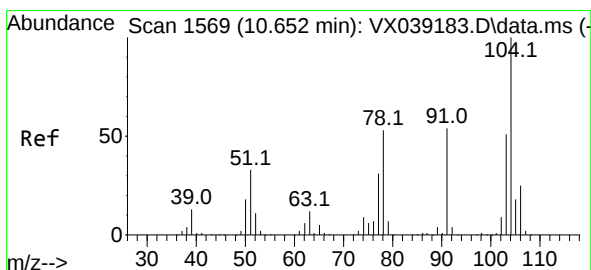
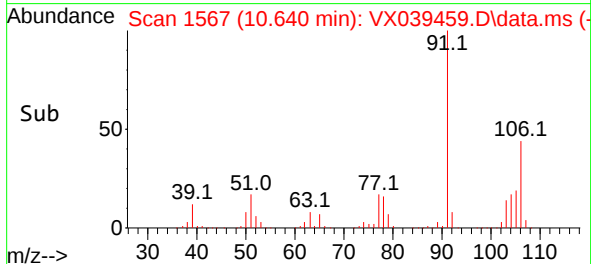
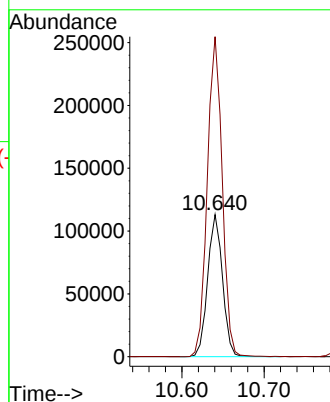
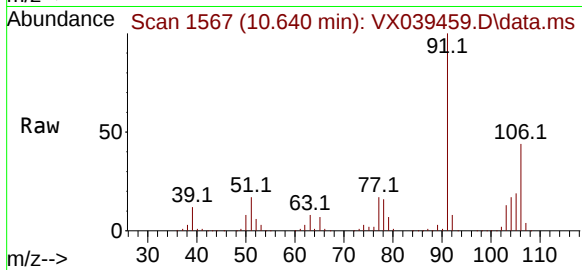
VSTDCCC050

Tgt Ion:106 Resp: 141693

Ion Ratio Lower Upper

106 100

91 226.3 108.9 326.8



#70

Styrene

Concen: 51.686 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

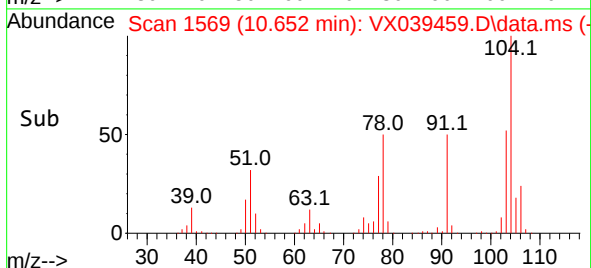
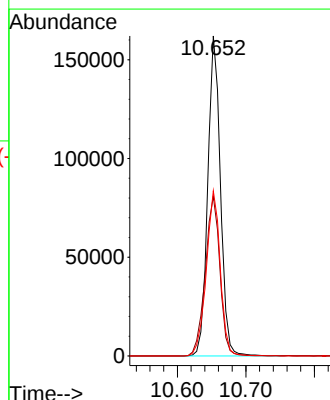
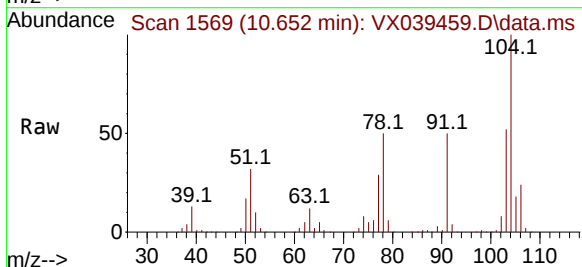
Tgt Ion:104 Resp: 208684

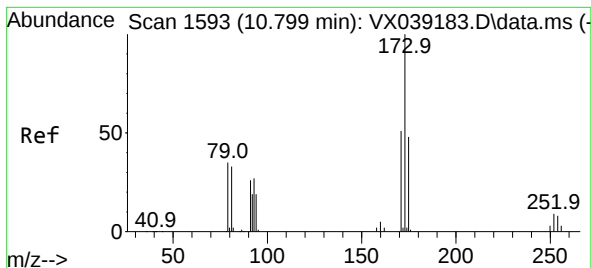
Ion Ratio Lower Upper

104 100

78 57.7 43.6 65.4

103 57.1 43.6 65.4





#71

Bromoform

Concen: 51.986 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

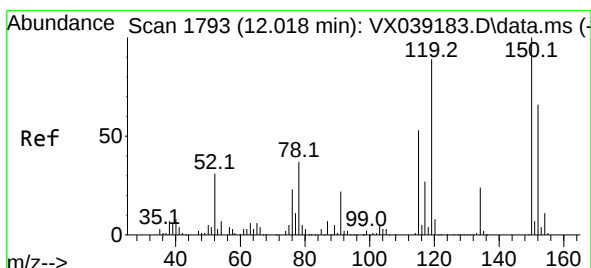
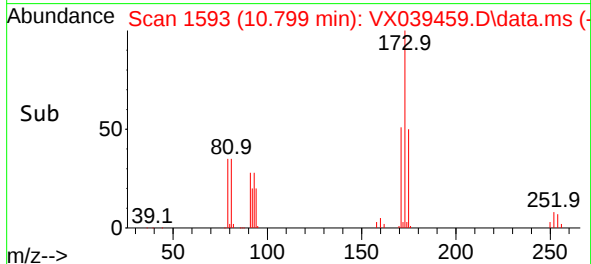
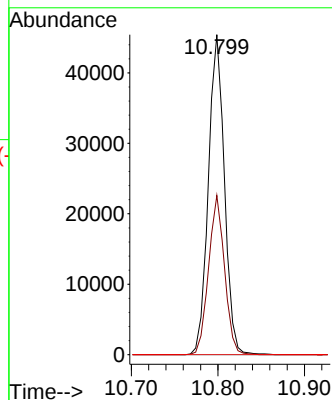
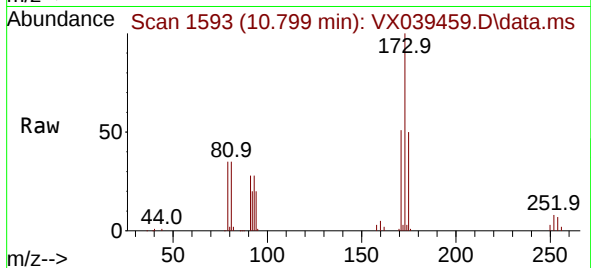
Tgt Ion:173 Resp: 58417

Ion Ratio Lower Upper

173 100

175 49.5 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: VX039459.D

Acq: 26 Dec 2023 12:01

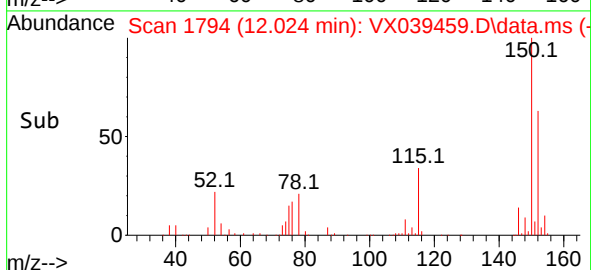
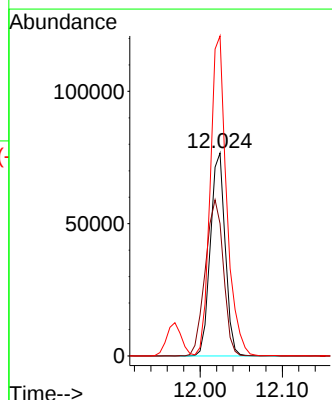
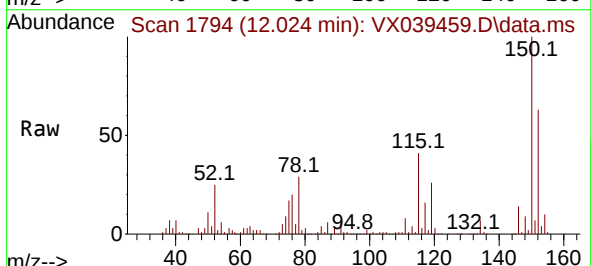
Tgt Ion:152 Resp: 95920

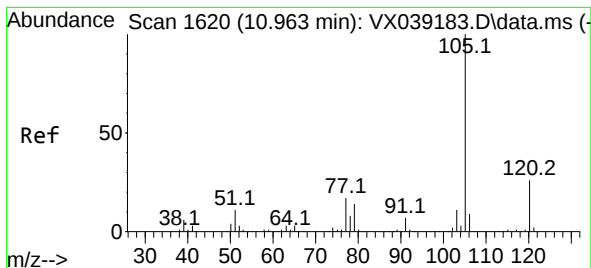
Ion Ratio Lower Upper

152 100

115 94.2 43.3 129.9

150 174.1 0.0 345.0





#73

Isopropylbenzene

Concen: 51.556 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

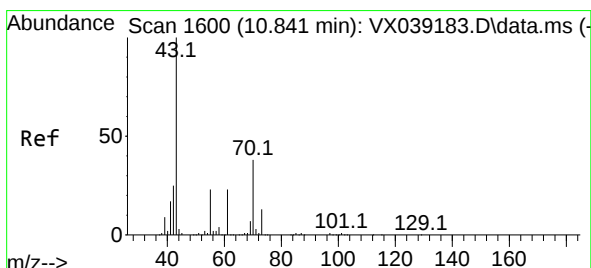
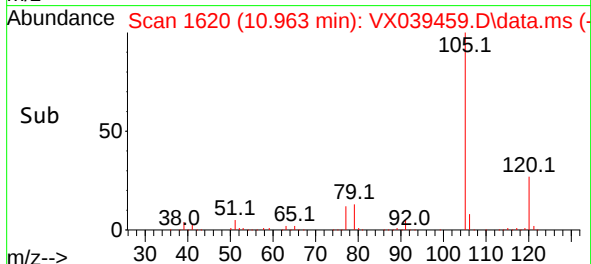
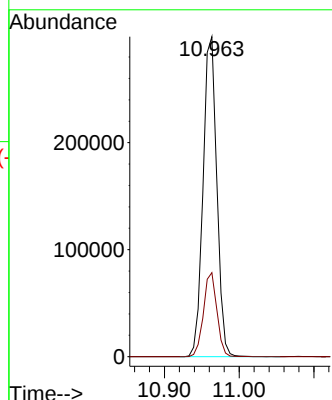
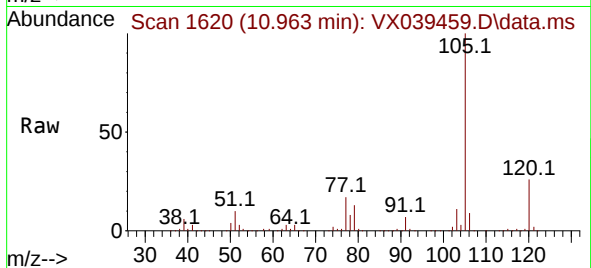
VSTDCCC050

Tgt Ion:105 Resp: 381547

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 57.050 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Tgt Ion: 43 Resp: 213616

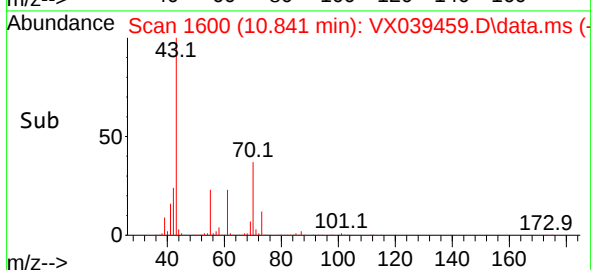
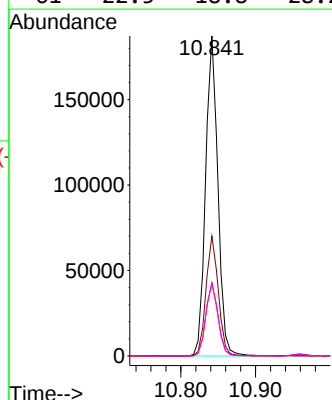
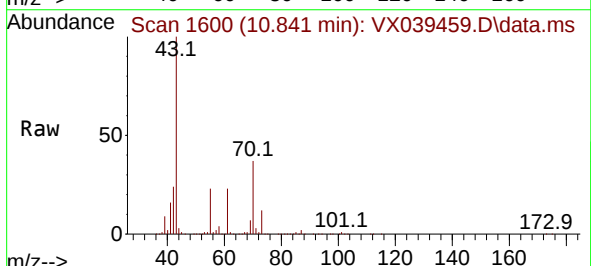
Ion Ratio Lower Upper

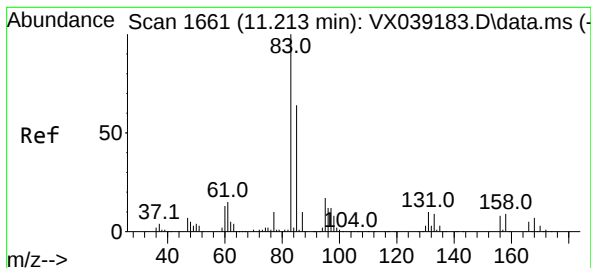
43 100

70 37.5 32.9 49.3

55 23.0 19.3 28.9

61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.862 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

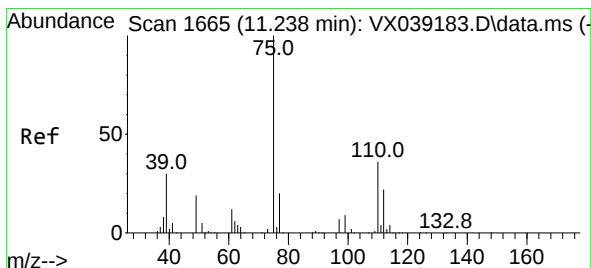
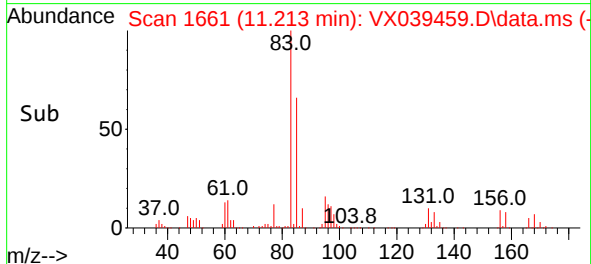
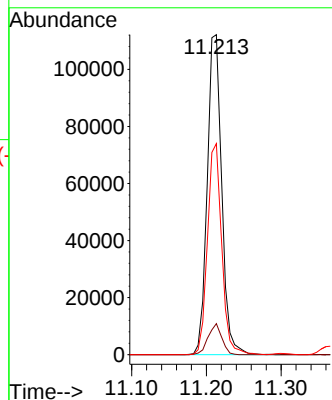
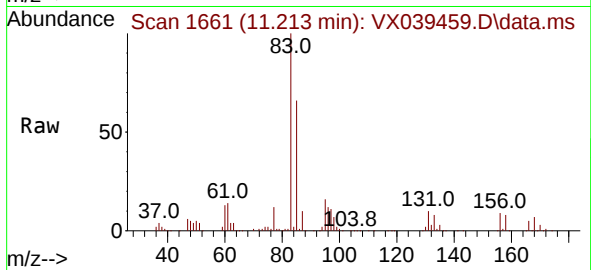
Tgt Ion: 83 Resp: 151040

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 52.547 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039459.D

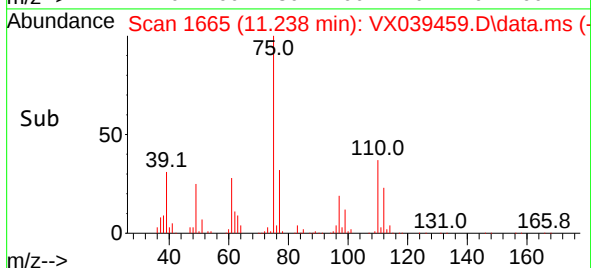
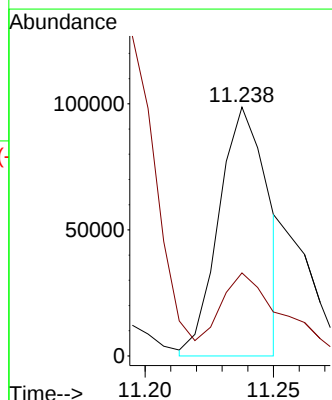
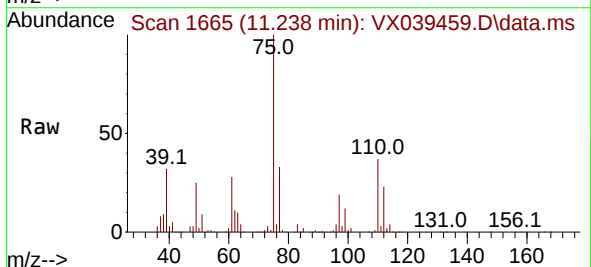
Acq: 26 Dec 2023 12:01

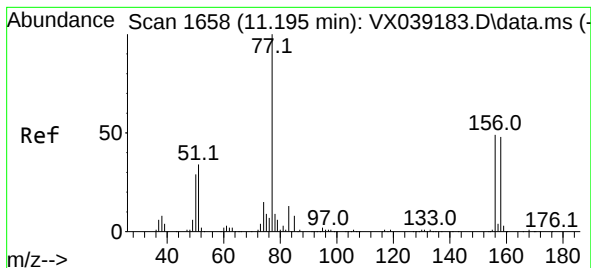
Tgt Ion: 75 Resp: 130402

Ion Ratio Lower Upper

75 100

77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 51.121 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

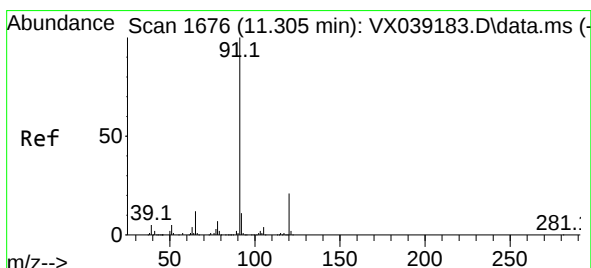
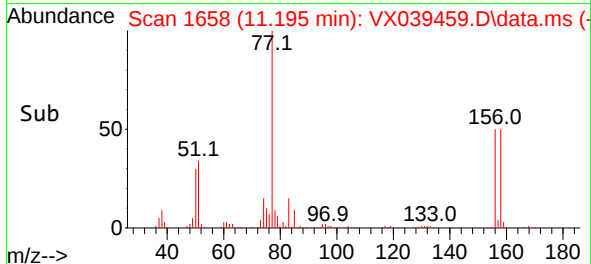
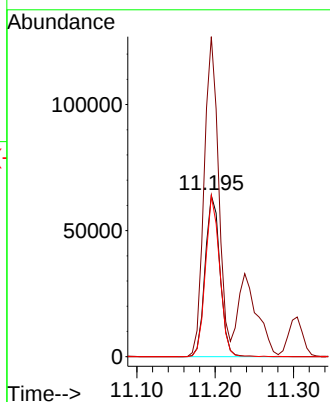
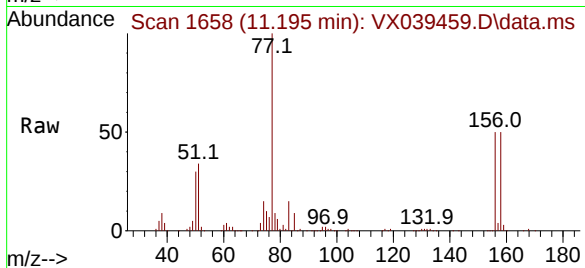
Tgt Ion:156 Resp: 83661

Ion Ratio Lower Upper

156 100

77 195.0 88.4 265.3

158 96.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.711 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039459.D

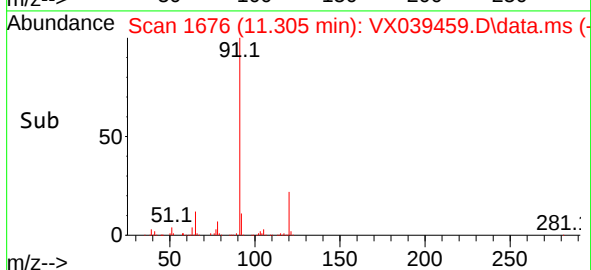
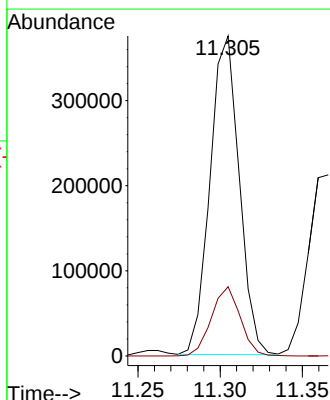
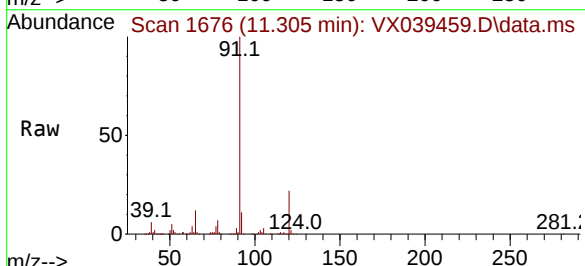
Acq: 26 Dec 2023 12:01

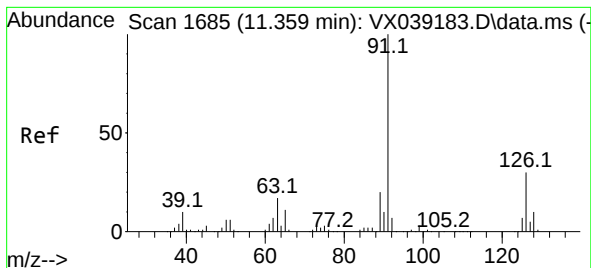
Tgt Ion: 91 Resp: 462391

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.013 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

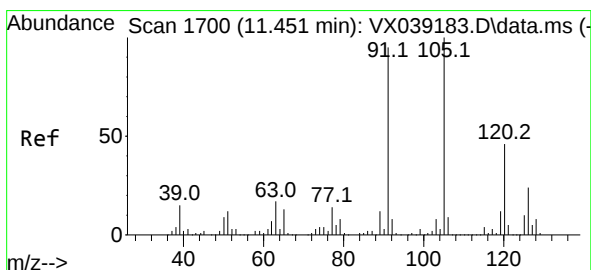
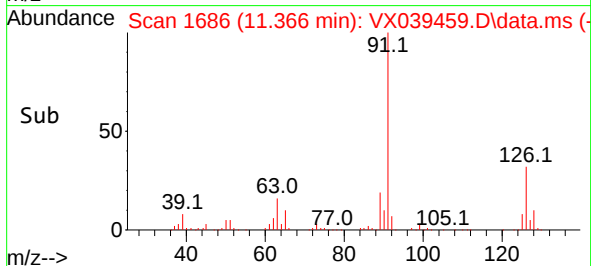
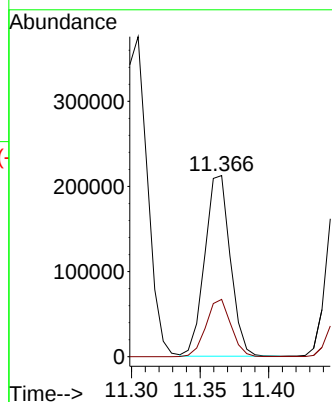
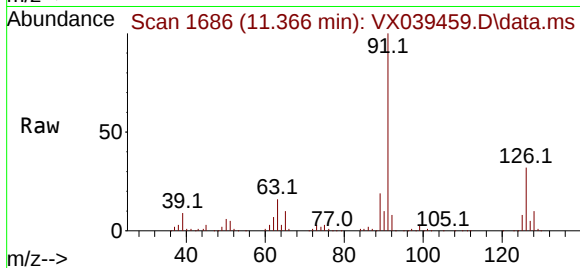
VSTDCCC050

Tgt Ion: 91 Resp: 275842

Ion Ratio Lower Upper

91 100

126 31.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.705 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039459.D

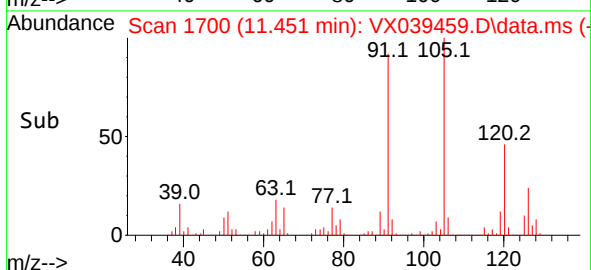
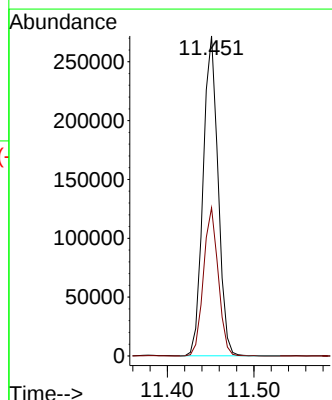
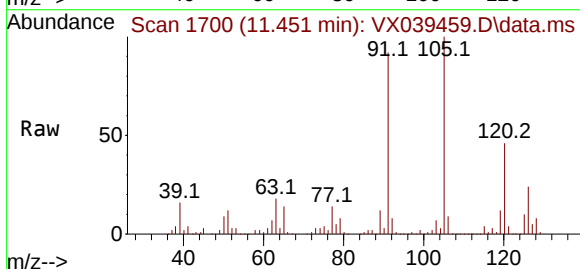
Acq: 26 Dec 2023 12:01

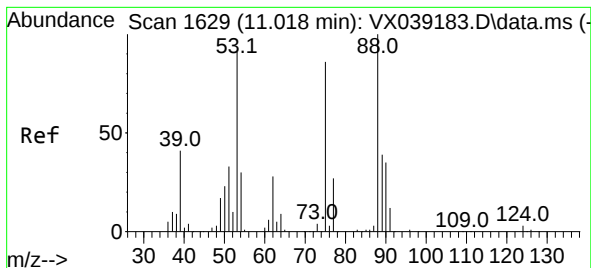
Tgt Ion: 105 Resp: 325978

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3

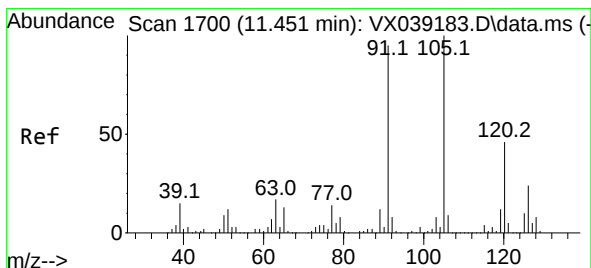
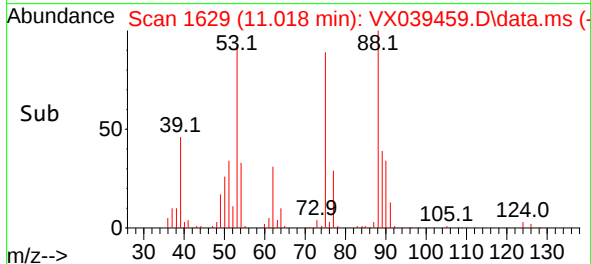
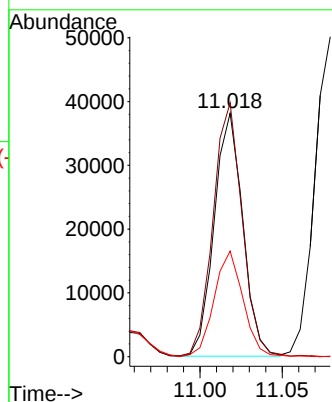
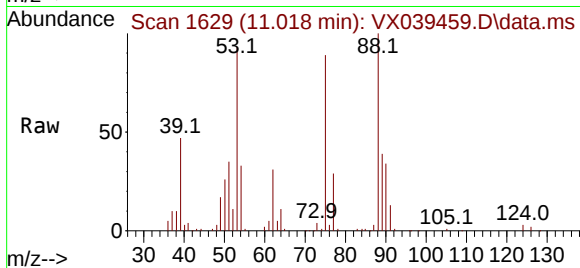




#81
trans-1,4-Dichloro-2-butene
Concen: 52.398 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

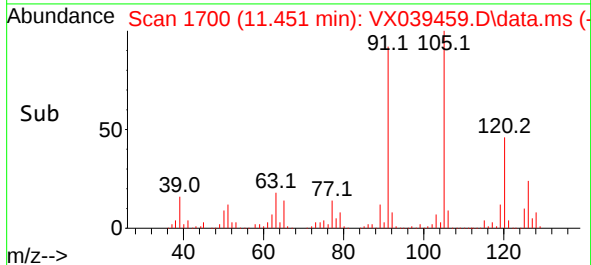
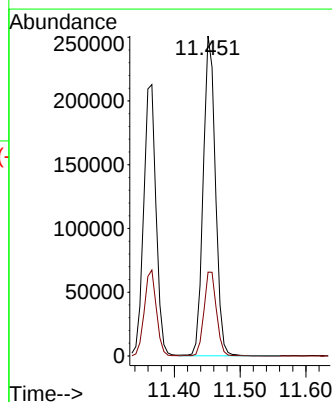
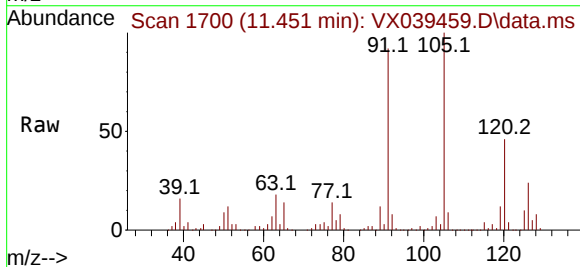
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

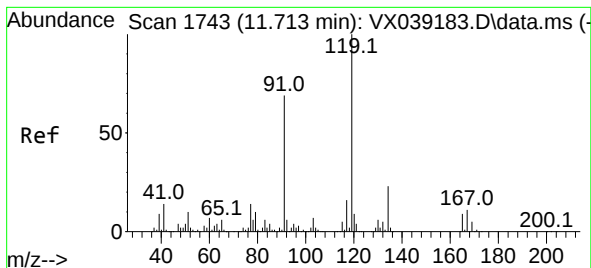
Tgt Ion: 75 Resp: 46094
Ion Ratio Lower Upper
75 100
53 106.3 90.5 135.7
89 44.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.879 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion: 91 Resp: 323120
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.145 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

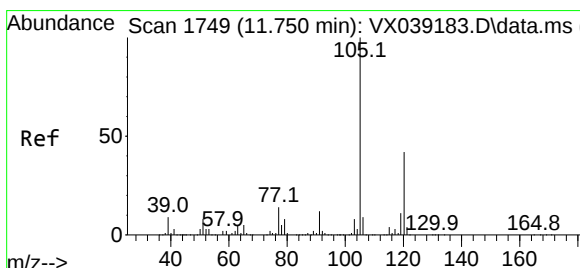
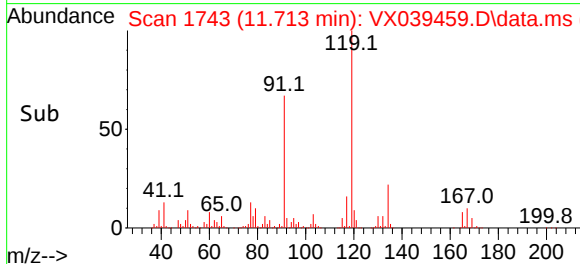
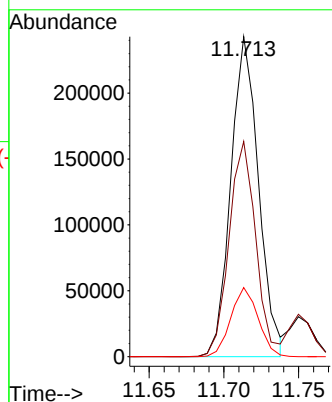
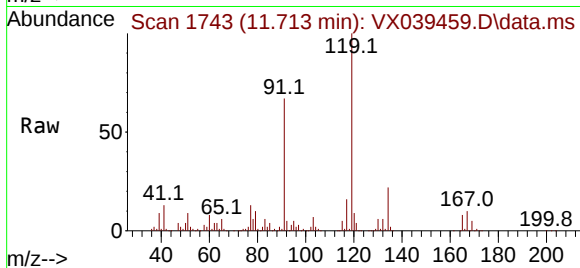
Tgt Ion:119 Resp: 312873

Ion Ratio Lower Upper

119 100

91 65.1 31.2 93.6

134 21.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.273 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039459.D

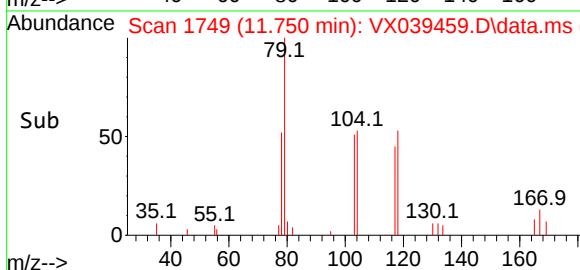
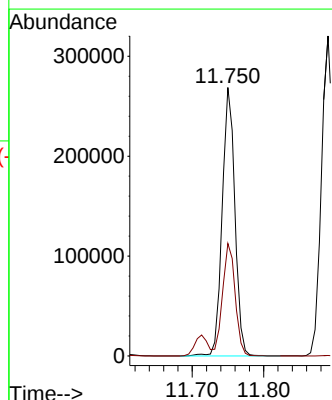
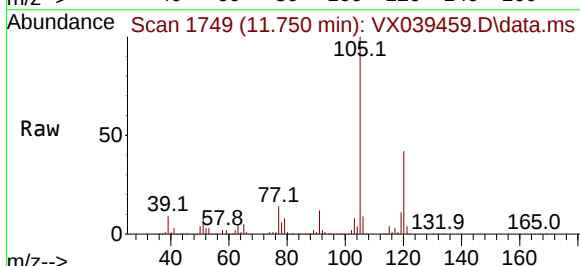
Acq: 26 Dec 2023 12:01

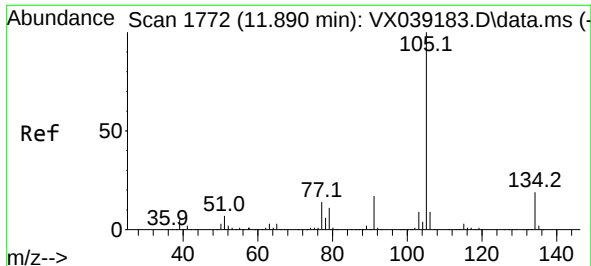
Tgt Ion:105 Resp: 331495

Ion Ratio Lower Upper

105 100

120 41.9 21.2 63.6

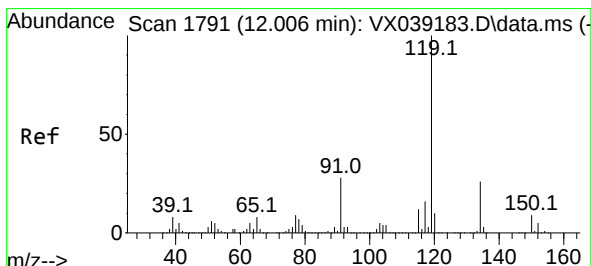
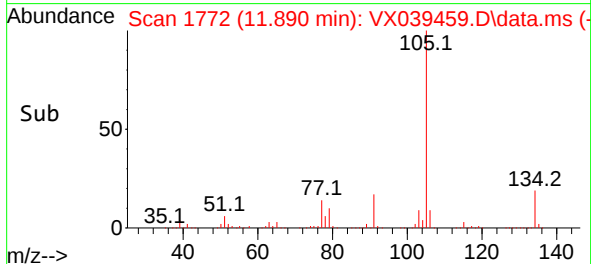
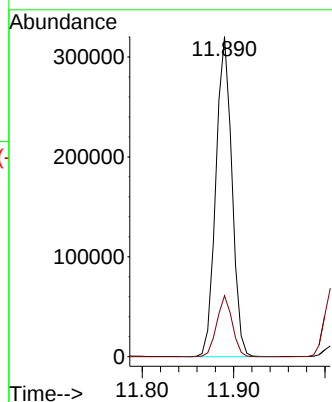
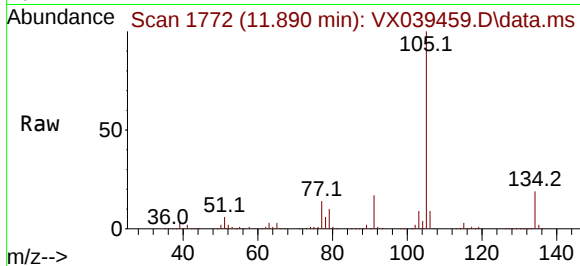




#85
 sec-Butylbenzene
 Concen: 51.066 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

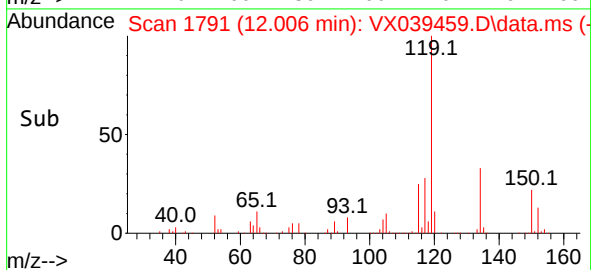
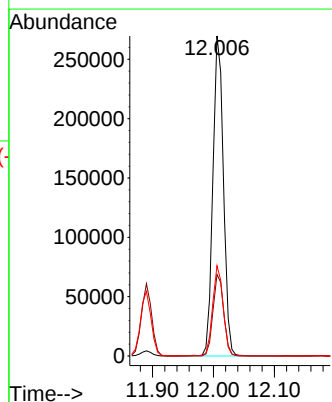
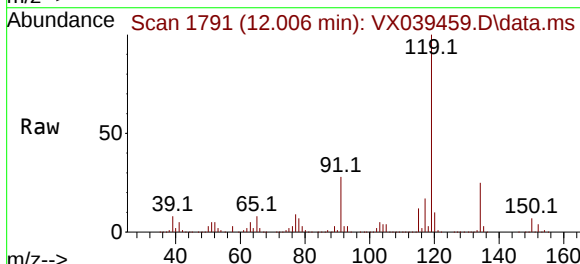
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

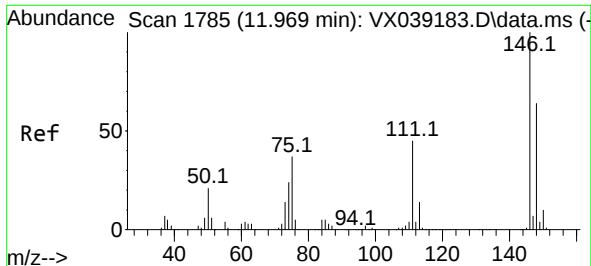
Tgt Ion:105 Resp: 389889
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.696 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion:119 Resp: 324839
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.258 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

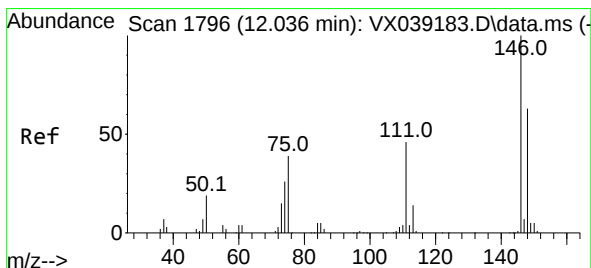
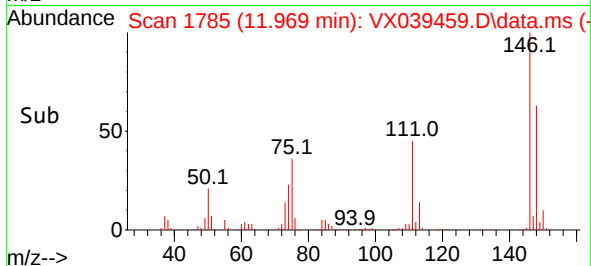
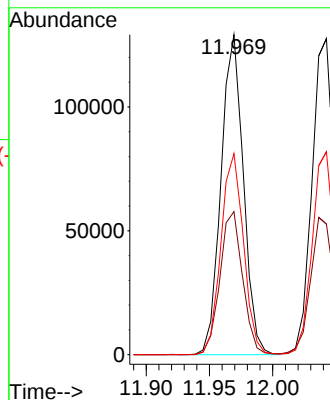
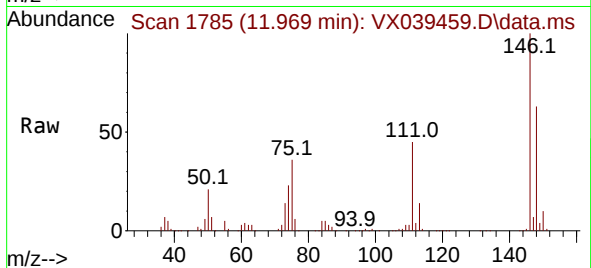
Tgt Ion:146 Resp: 158370

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.757 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

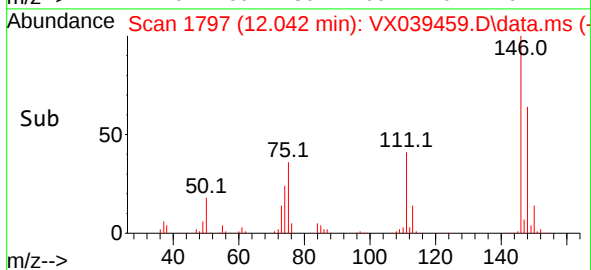
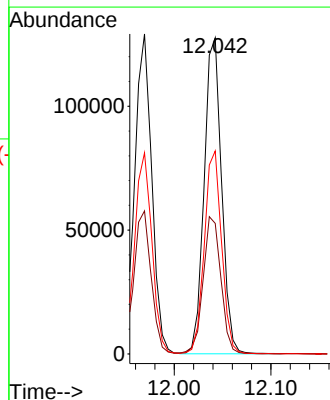
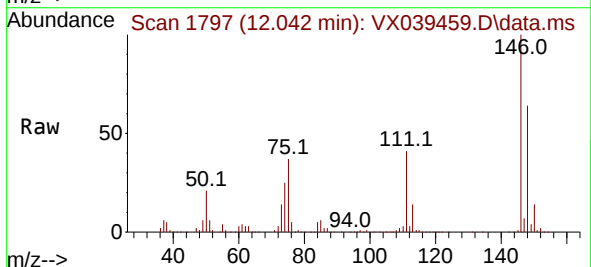
Tgt Ion:146 Resp: 159873

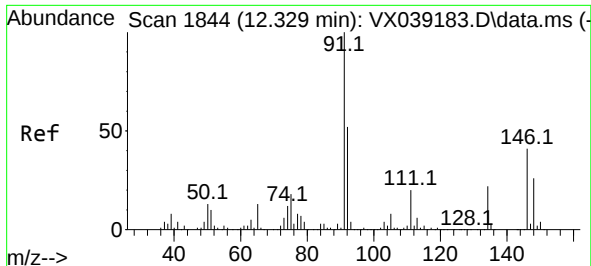
Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 49.663 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

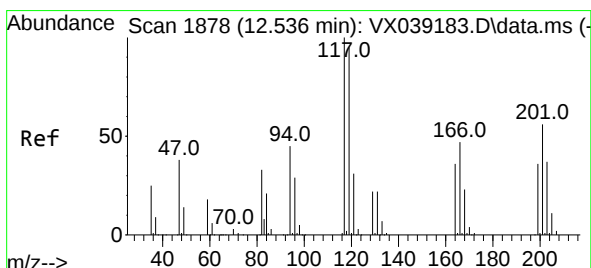
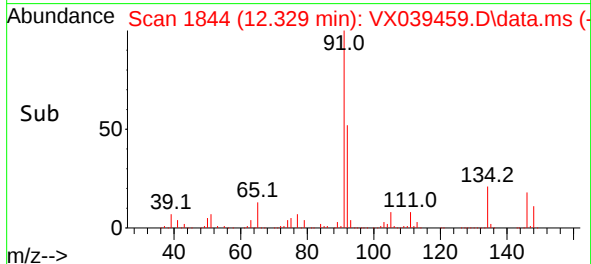
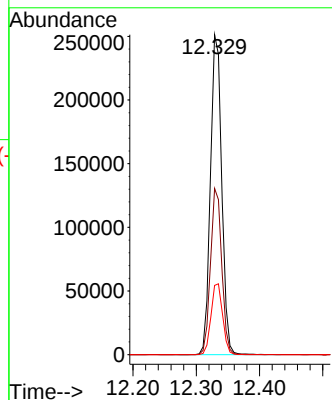
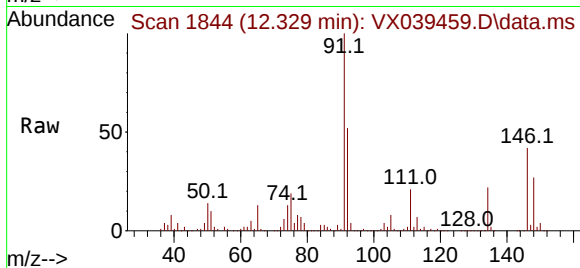
Tgt Ion: 91 Resp: 312822

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 22.8 12.6 37.8



#90

Hexachloroethane

Concen: 50.872 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039459.D

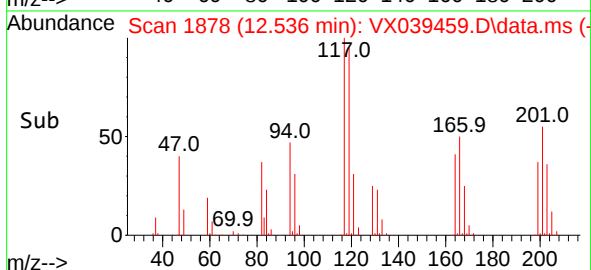
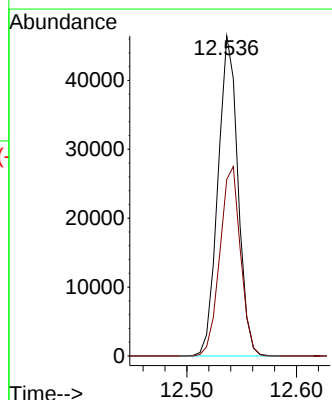
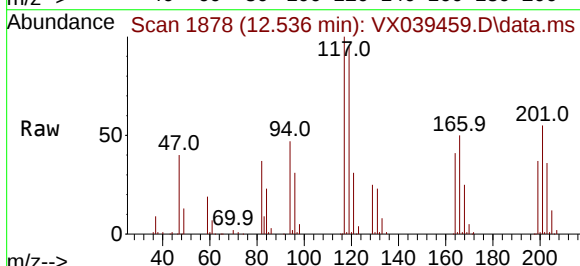
Acq: 26 Dec 2023 12:01

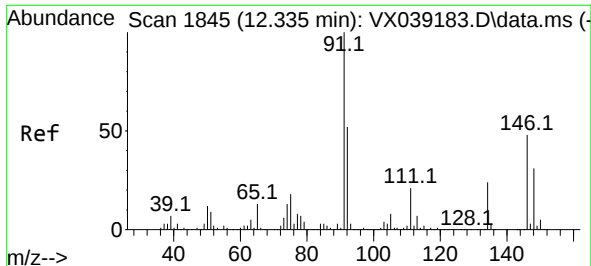
Tgt Ion: 117 Resp: 58882

Ion Ratio Lower Upper

117 100

201 61.1 32.9 98.6

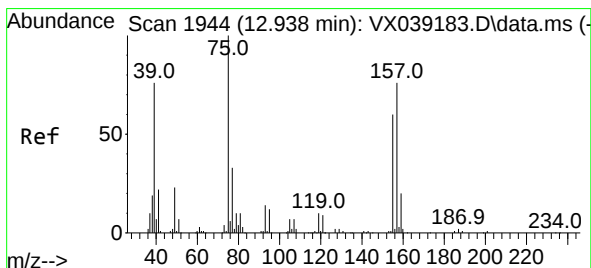
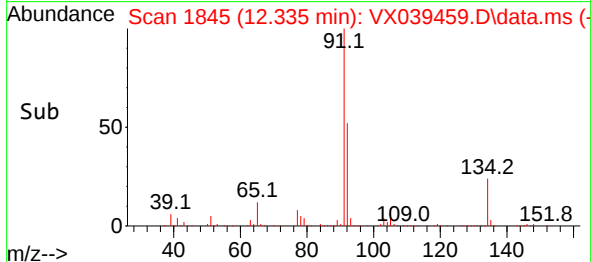
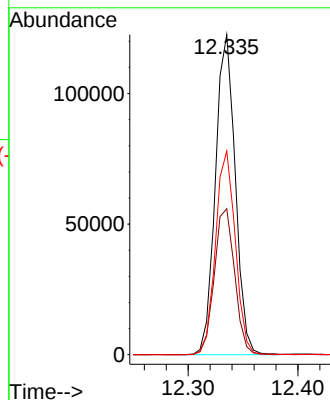
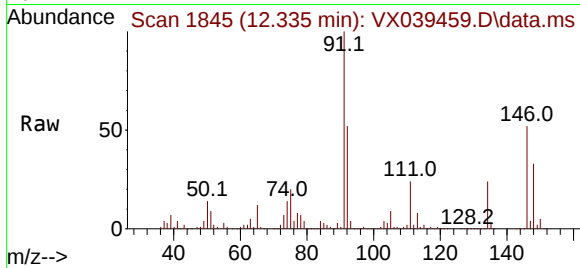




#91
 1,2-Dichlorobenzene
 Concen: 50.162 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

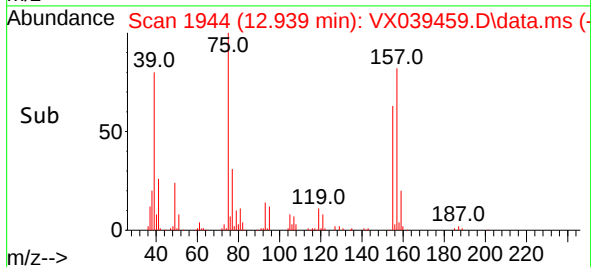
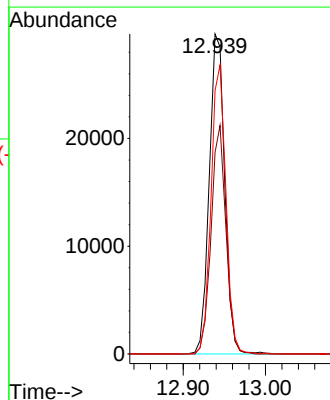
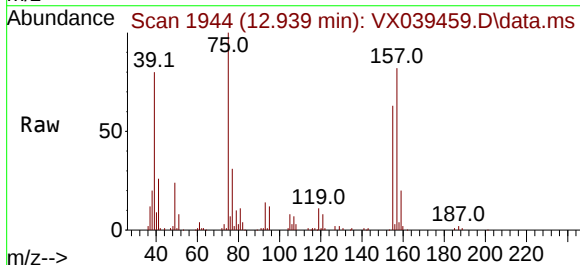
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

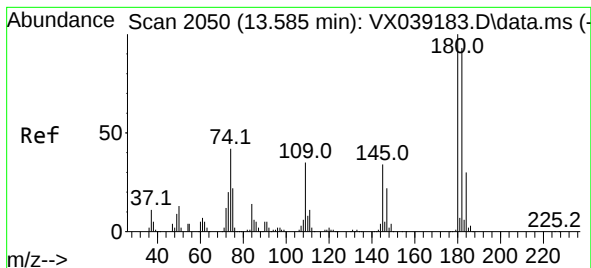
Tgt Ion:146 Resp: 154313
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.4 67.0
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.759 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039459.D
 Acq: 26 Dec 2023 12:01

Tgt Ion: 75 Resp: 38983
 Ion Ratio Lower Upper
 75 100
 155 68.2 36.1 108.5
 157 86.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.074 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

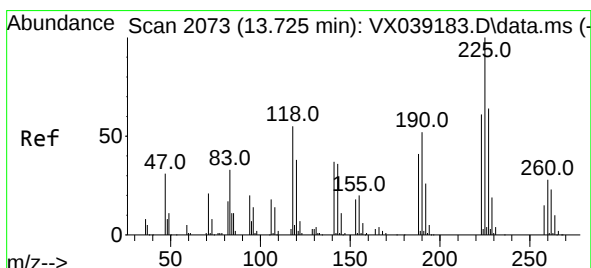
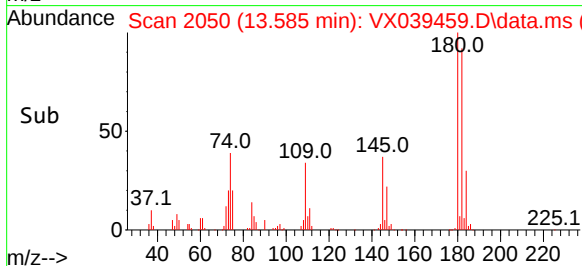
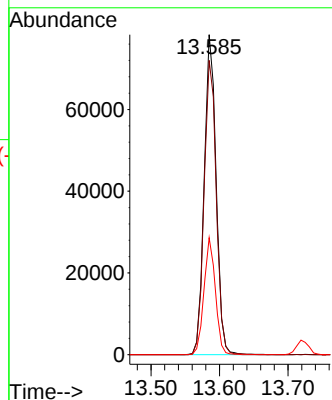
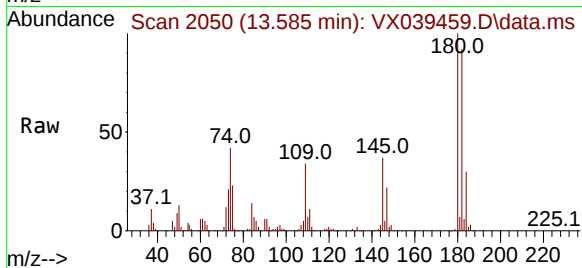
Tgt Ion:180 Resp: 94825

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 35.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 47.908 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039459.D

Acq: 26 Dec 2023 12:01

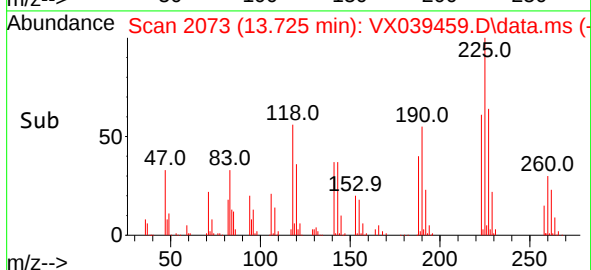
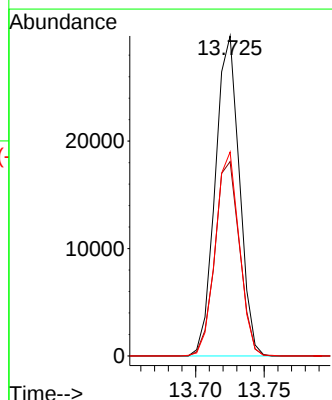
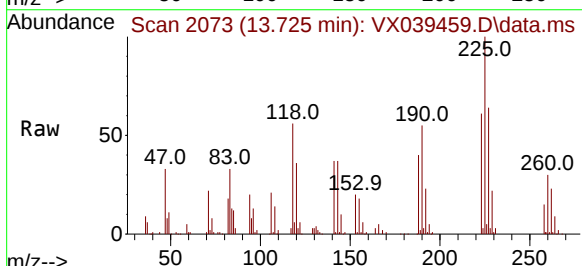
Tgt Ion:225 Resp: 36368

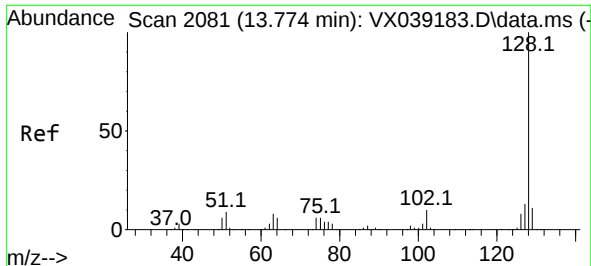
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 63.1 32.5 97.5

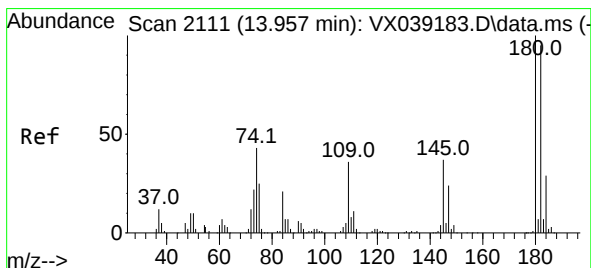
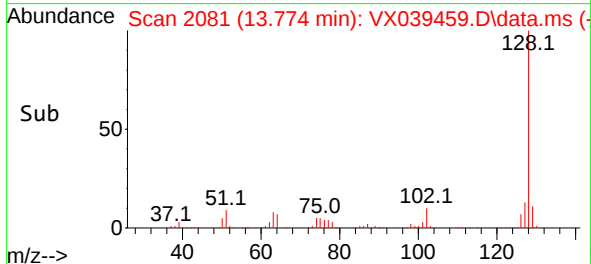
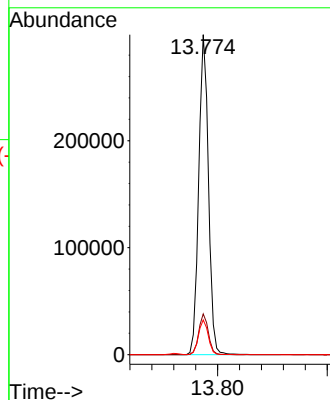
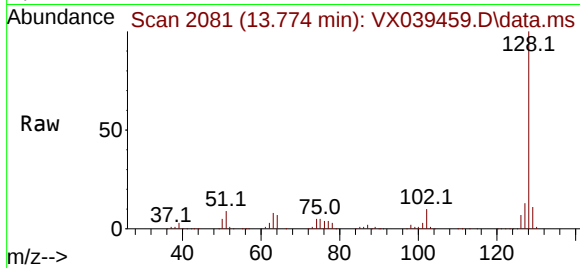




#95
Naphthalene
Concen: 52.734 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 369932
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.337 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039459.D
Acq: 26 Dec 2023 12:01

Tgt Ion:180 Resp: 93996
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 36.7 17.8 53.5

