

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045534.D
 Acq On : 02 Apr 2025 10:02
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 03 01:44:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	108331	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	186062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90188	45.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.040%
35) Dibromofluoromethane	5.379	113	63055	47.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.641	98	219109	47.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.079	95	81886	48.789	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91613	56.548	ug/l	100
3) Chloromethane	1.301	50	85609	51.436	ug/l	98
4) Vinyl Chloride	1.374	62	77123	50.633	ug/l	97
5) Bromomethane	1.593	94	34386	47.612	ug/l	99
6) Chloroethane	1.666	64	41334	51.148	ug/l	98
7) Trichlorofluoromethane	1.874	101	113427	49.938	ug/l	97
8) Diethyl Ether	2.130	74	36065	47.295	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	69166	51.967	ug/l	97
10) Methyl Iodide	2.441	142	79474	47.873	ug/l	99
11) Tert butyl alcohol	2.971	59	64349	241.693	ug/l	99
12) 1,1-Dichloroethene	2.307	96	64391	49.512	ug/l	99
13) Acrolein	2.233	56	86651	236.341	ug/l	98
14) Allyl chloride	2.654	41	124885	50.610	ug/l	99
15) Acrylonitrile	3.062	53	199897	237.850	ug/l	100
16) Acetone	2.380	43	219522	269.851	ug/l	99
17) Carbon Disulfide	2.502	76	170048	52.941	ug/l	99
18) Methyl Acetate	2.703	43	88934	47.483	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	225103	49.480	ug/l	100
20) Methylene Chloride	2.782	84	72429	47.558	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	65593	49.368	ug/l	99
22) Diisopropyl ether	3.757	45	236947	48.747	ug/l	99
23) Vinyl Acetate	3.715	43	1073082	255.517	ug/l	99
24) 1,1-Dichloroethane	3.599	63	132355	48.148	ug/l	100
25) 2-Butanone	4.550	43	298310	250.515	ug/l	99
26) 2,2-Dichloropropane	4.465	77	102814	57.888	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	78009	48.192	ug/l	98
28) Bromochloromethane	4.885	49	60228	45.338	ug/l	97
29) Tetrahydrofuran	4.995	42	180703	234.063	ug/l	99
30) Chloroform	5.080	83	135555	47.923	ug/l	100
31) Cyclohexane	5.458	56	119435	49.146	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	118147	49.363	ug/l	99
36) 1,1-Dichloropropene	5.678	75	90022	50.506	ug/l	98
37) Ethyl Acetate	4.709	43	108238	48.187	ug/l	99
38) Carbon Tetrachloride	5.666	117	99640	51.725	ug/l	99
39) Methylcyclohexane	7.373	83	118606	54.285	ug/l	98
40) Benzene	6.031	78	266898	49.029	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 01:44:58 2025
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 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	61962	52.281	ug/l	99
42) 1,2-Dichloroethane	6.080	62	110762	49.263	ug/l	100
43) Isopropyl Acetate	6.336	43	174259	51.186	ug/l	100
44) Trichloroethene	7.117	130	64754	50.047	ug/l	99
45) 1,2-Dichloropropane	7.421	63	67275	49.531	ug/l	99
46) Dibromomethane	7.574	93	52015	49.887	ug/l	99
47) Bromodichloromethane	7.812	83	104558	50.214	ug/l	97
48) Methyl methacrylate	7.690	41	89385	50.851	ug/l	99
49) 1,4-Dioxane	7.653	88	31982	1005.638	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	568320	251.819	ug/l	100
52) Toluene	8.714	92	160666	48.776	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	96566	48.307	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	106354	54.353	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	62853	47.884	ug/l	98
56) Ethyl methacrylate	9.110	69	106636	52.494	ug/l	98
57) 1,3-Dichloropropane	9.305	76	111980	48.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	260922	253.906	ug/l	100
59) 2-Hexanone	9.427	43	429585	257.042	ug/l	100
60) Dibromochloromethane	9.519	129	75579	52.816	ug/l	97
61) 1,2-Dibromoethane	9.604	107	66659	50.167	ug/l	98
64) Tetrachloroethene	9.269	164	55415	48.897	ug/l	98
65) Chlorobenzene	10.073	112	173859	50.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	60389	50.712	ug/l	99
67) Ethyl Benzene	10.189	91	316517	51.524	ug/l	99
68) m/p-Xylenes	10.299	106	231135	103.448	ug/l	100
69) o-Xylene	10.640	106	112957	51.320	ug/l	99
70) Styrene	10.653	104	190725	52.502	ug/l	100
71) Bromoform	10.799	173	48468	54.510	ug/l #	98
73) Isopropylbenzene	10.957	105	301760	49.732	ug/l	100
74) N-amyl acetate	10.842	43	151028	52.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99649	46.750	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	111232	60.199	ug/l	88
77) Bromobenzene	11.195	156	68200	48.646	ug/l	100
78) n-propylbenzene	11.299	91	359128	51.385	ug/l	100
79) 2-Chlorotoluene	11.360	91	216348	48.421	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	253739	50.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	28721	52.754	ug/l	97
82) 4-Chlorotoluene	11.451	91	247039	49.590	ug/l	99
83) tert-Butylbenzene	11.713	119	251225	50.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	254295	50.496	ug/l	100
85) sec-Butylbenzene	11.890	105	316086	51.807	ug/l	100
86) p-Isopropyltoluene	12.006	119	262553	52.197	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	126303	49.492	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126559	48.917	ug/l	99
89) n-Butylbenzene	12.329	91	242867	55.679	ug/l	99
90) Hexachloroethane	12.536	117	46220	53.467	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	124379	49.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23015	51.629	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	74511	52.758	ug/l	98
94) Hexachlorobutadiene	13.725	225	31694	52.078	ug/l	99
95) Naphthalene	13.774	128	267161	50.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75942	51.352	ug/l	98

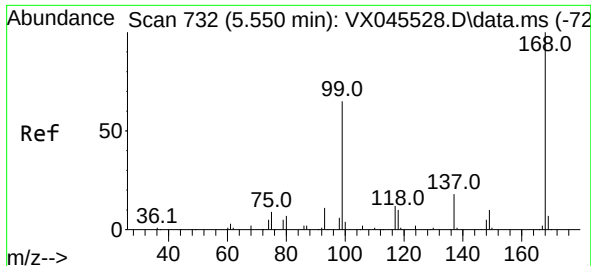
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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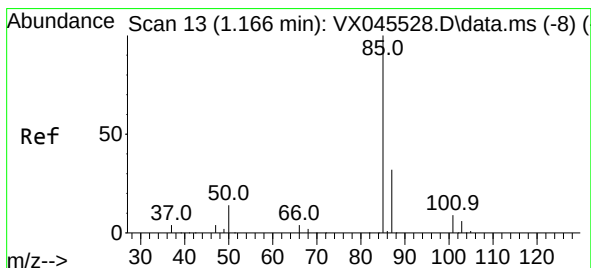
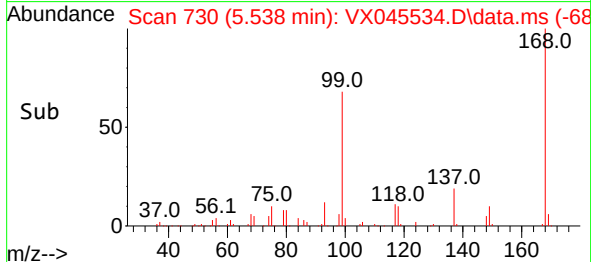
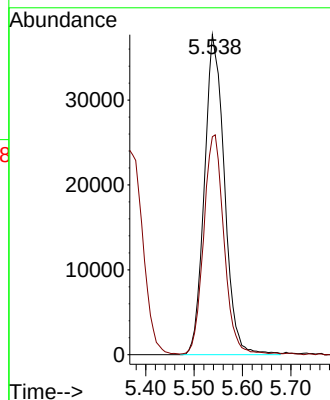
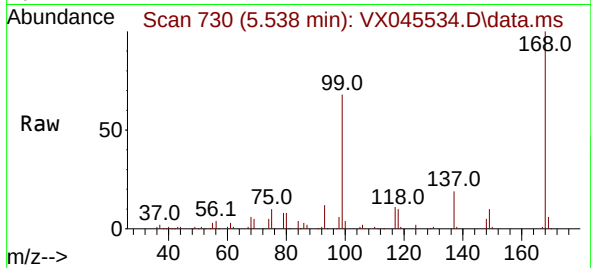
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

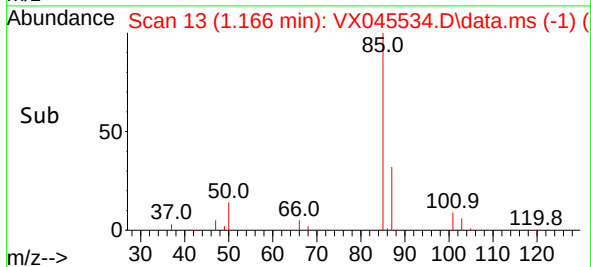
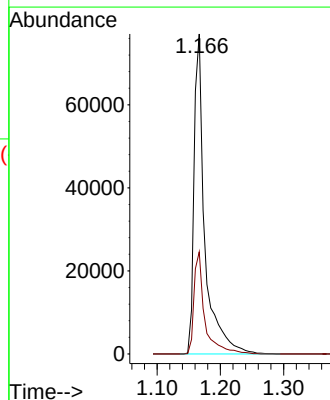
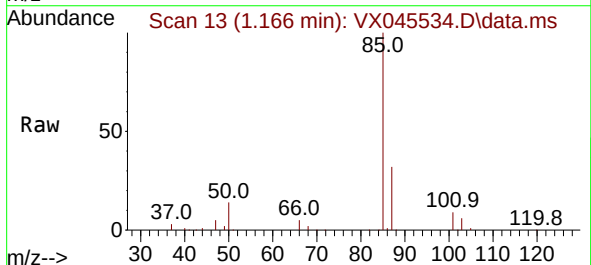
Instrument :
MSVOA_X
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VSTDCCC050

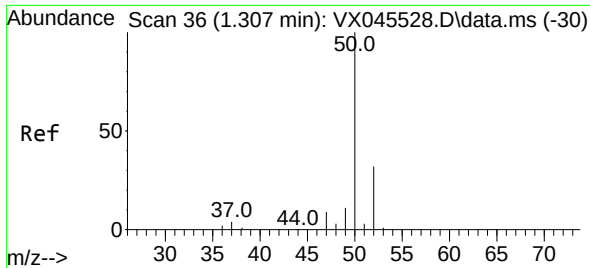
Tgt Ion:168 Resp: 108331
Ion Ratio Lower Upper
168 100
99 67.9 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 56.548 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 85 Resp: 91613
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

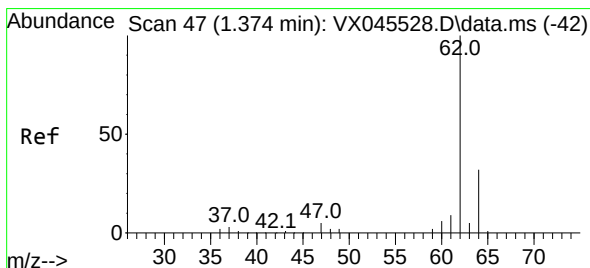
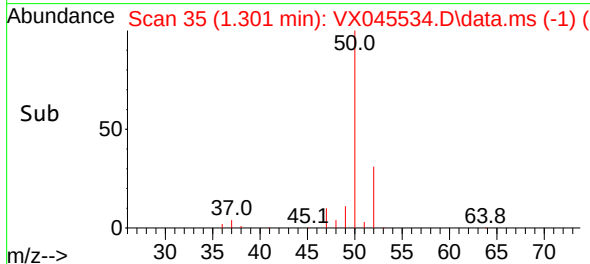
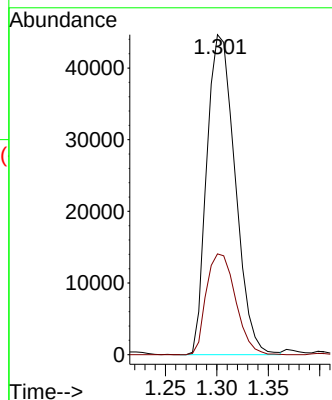
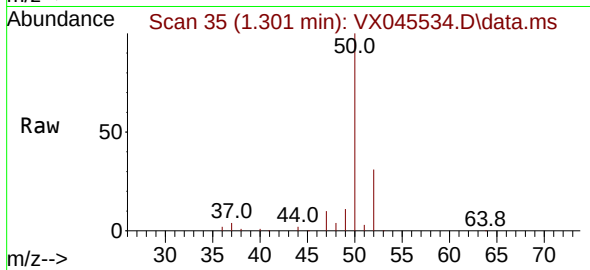




#3
Chloromethane
Concen: 51.436 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

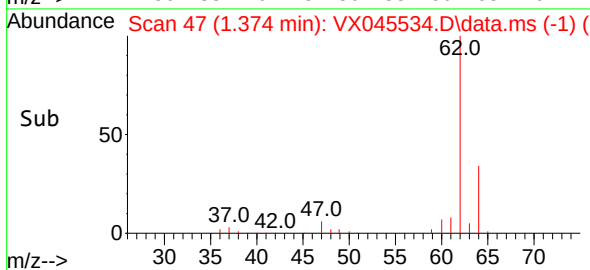
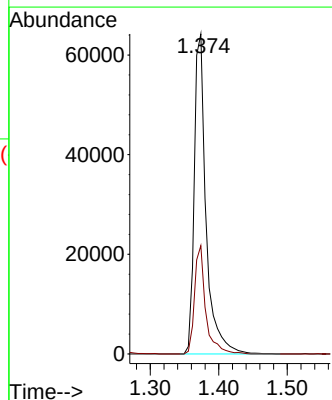
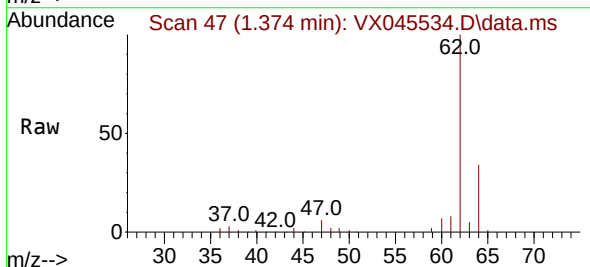
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

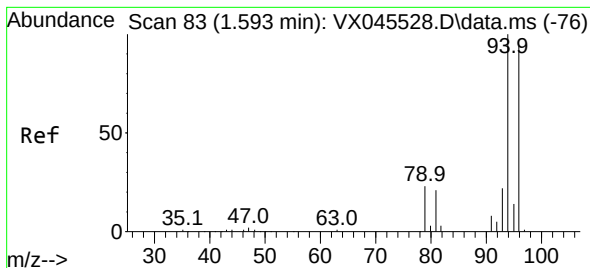
Tgt Ion: 50 Resp: 85609
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9



#4
Vinyl Chloride
Concen: 50.633 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 62 Resp: 77123
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3





#5

Bromomethane

Concen: 47.612 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

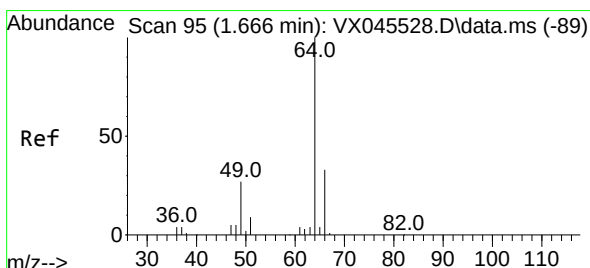
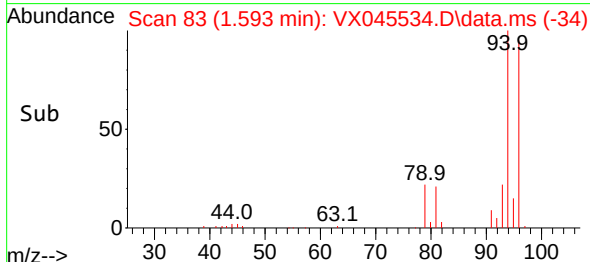
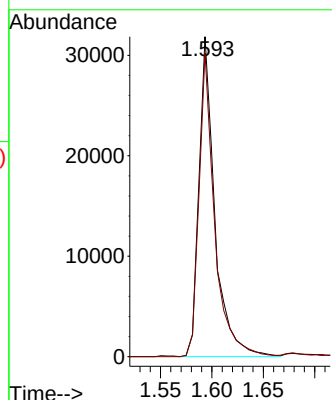
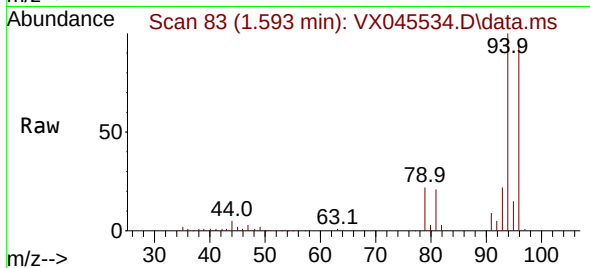
VSTDCCC050

Tgt Ion: 94 Resp: 34386

Ion Ratio Lower Upper

94 100

96 94.9 74.8 112.2



#6

Chloroethane

Concen: 51.148 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX045534.D

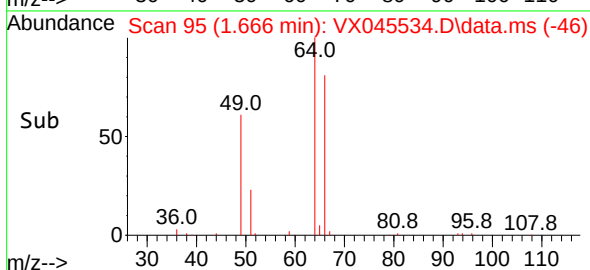
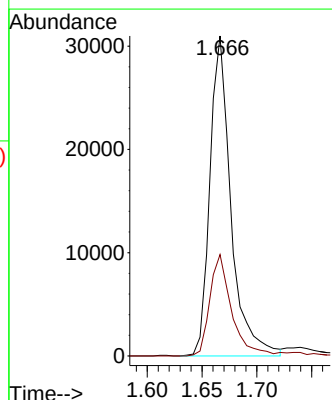
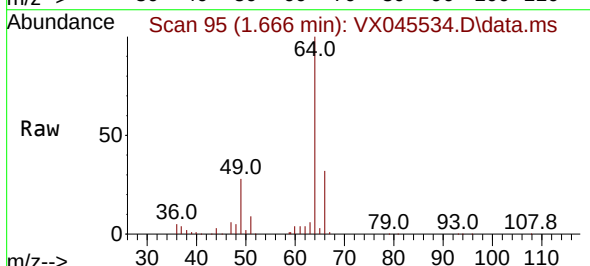
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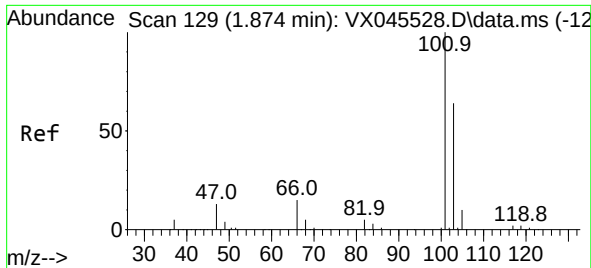
Tgt Ion: 64 Resp: 41334

Ion Ratio Lower Upper

64 100

66 31.7 26.3 39.5

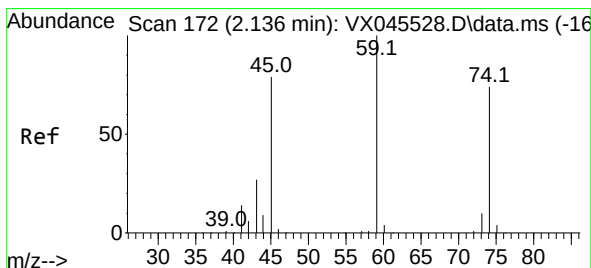
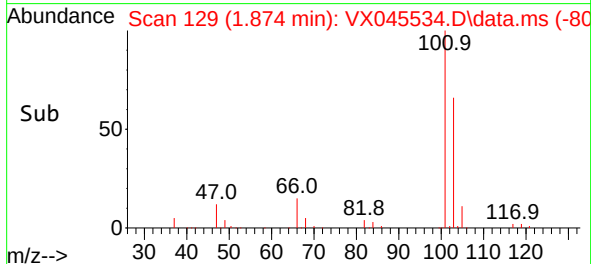
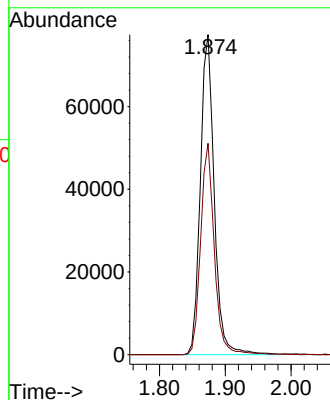
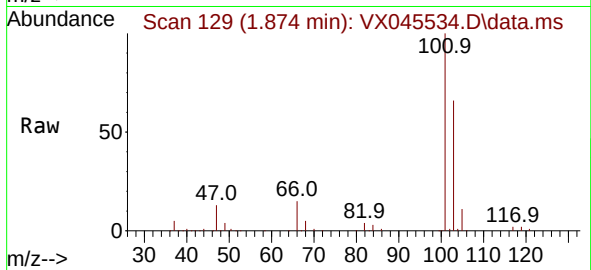




#7
Trichlorofluoromethane
Concen: 49.938 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

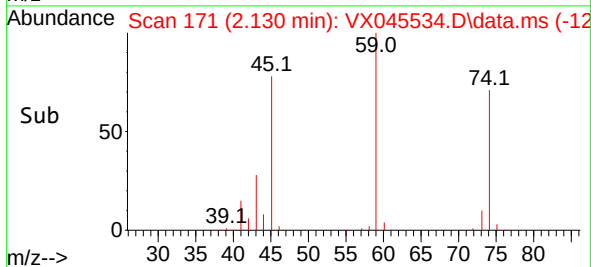
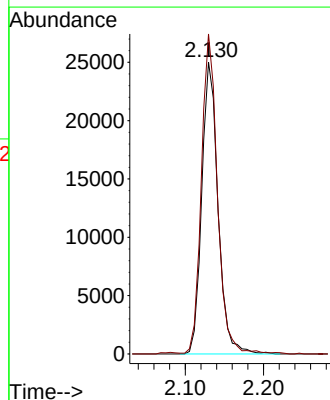
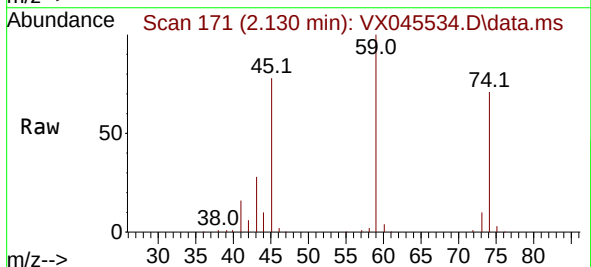
Instrument :
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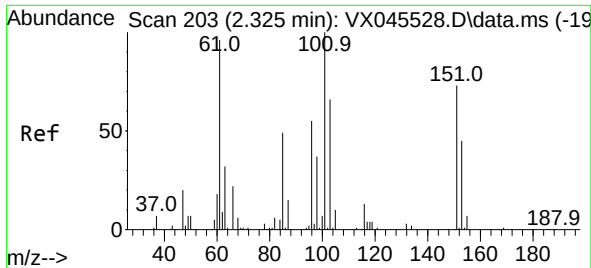
Tgt Ion:101 Resp: 113427
Ion Ratio Lower Upper
101 100
103 66.1 51.1 76.7



#8
Diethyl Ether
Concen: 47.295 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 74 Resp: 36065
Ion Ratio Lower Upper
74 100
45 107.0 53.0 159.1

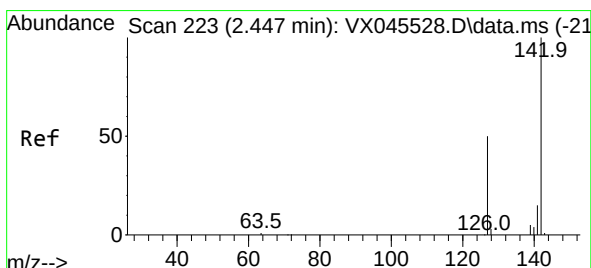
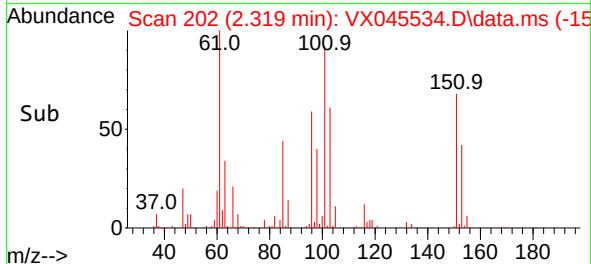
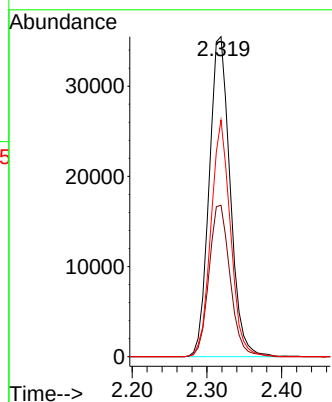
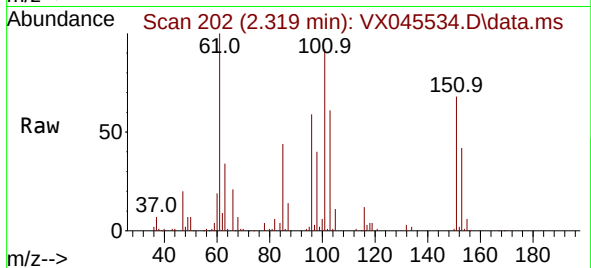




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.967 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045534.D
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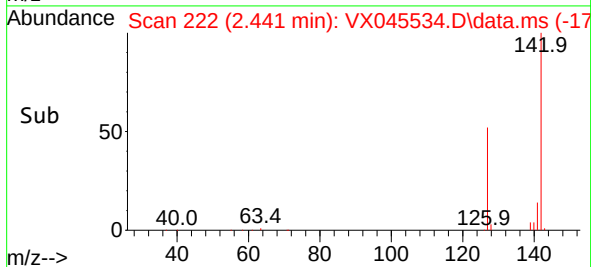
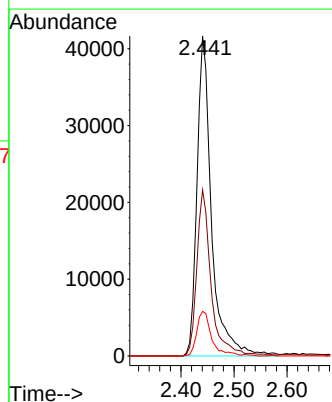
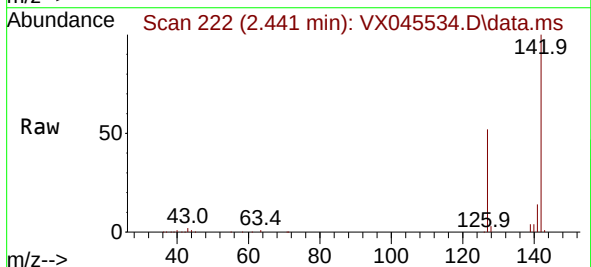
Instrument :
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ClientSampleId :
VSTDCCC050

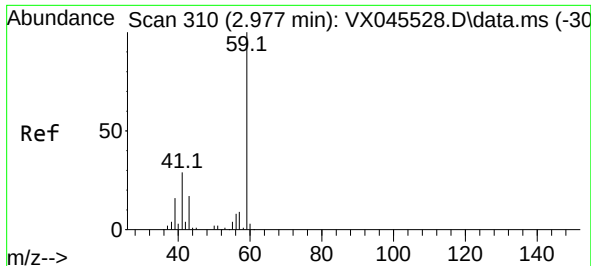
Tgt Ion:101 Resp: 69166
Ion Ratio Lower Upper
101 100
85 47.7 38.9 58.3
151 69.0 57.5 86.3



#10
Methyl Iodide
Concen: 47.873 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

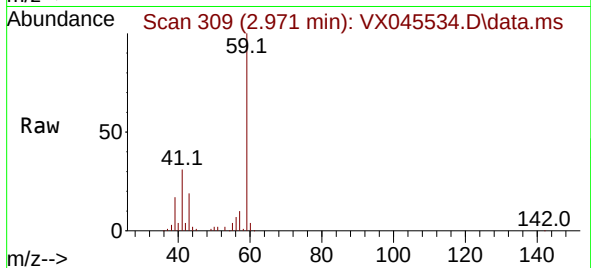
Tgt Ion:142 Resp: 79474
Ion Ratio Lower Upper
142 100
127 51.1 40.2 60.4
141 14.1 11.7 17.5



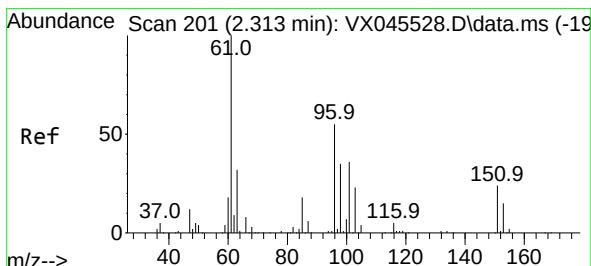
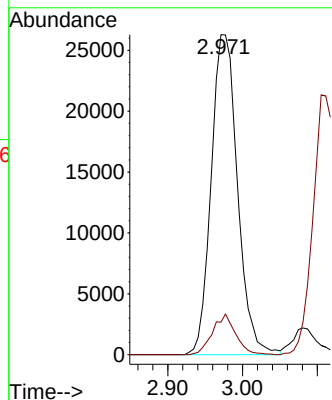
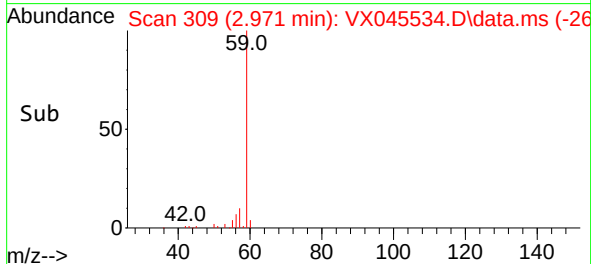


#11
Tert butyl alcohol
Concen: 241.693 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

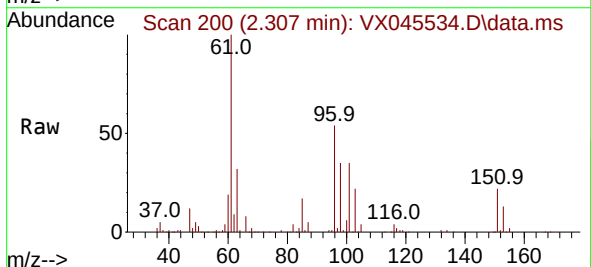
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



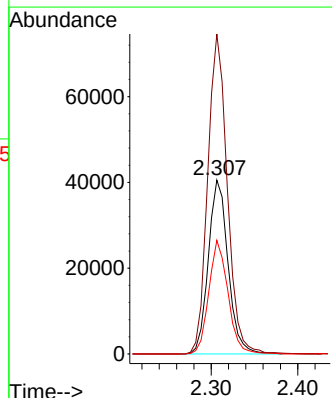
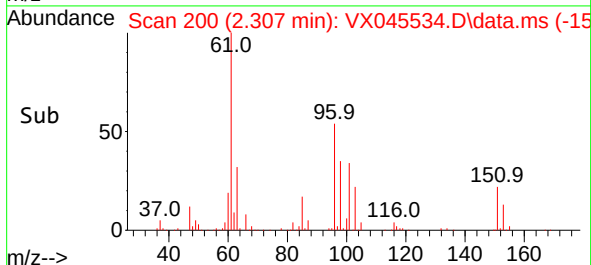
Tgt Ion: 59 Resp: 64349
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

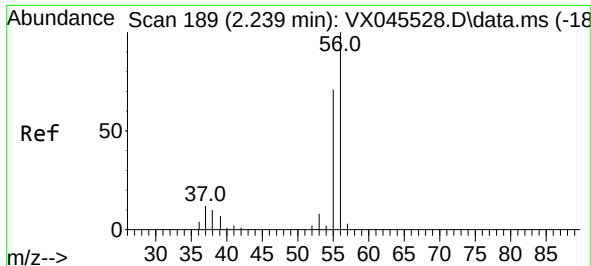


#12
1,1-Dichloroethene
Concen: 49.512 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02



Tgt Ion: 96 Resp: 64391
Ion Ratio Lower Upper
96 100
61 183.9 145.7 218.5
98 65.3 51.6 77.4

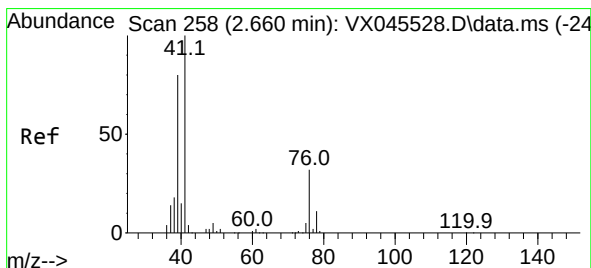
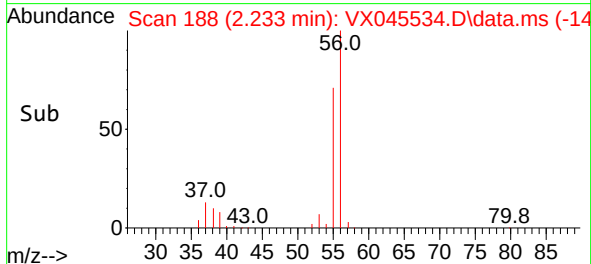
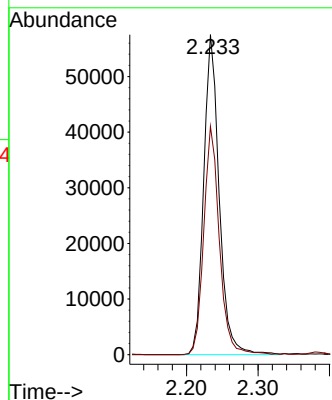
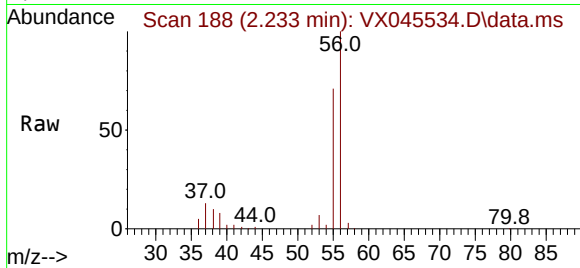




#13
Acrolein
Concen: 236.341 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

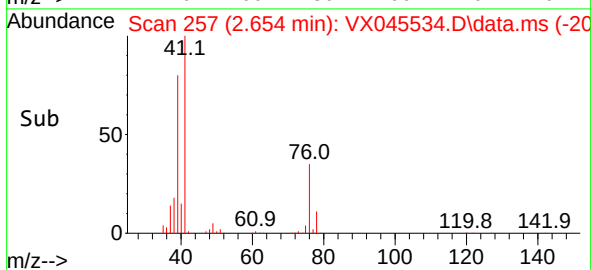
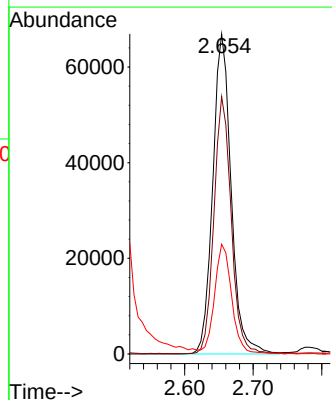
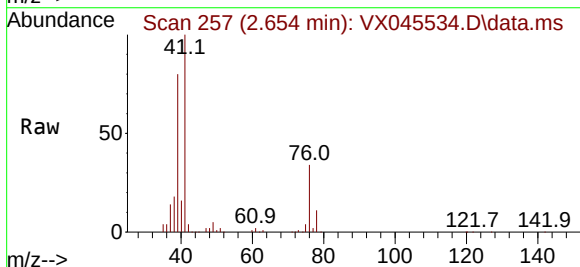
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

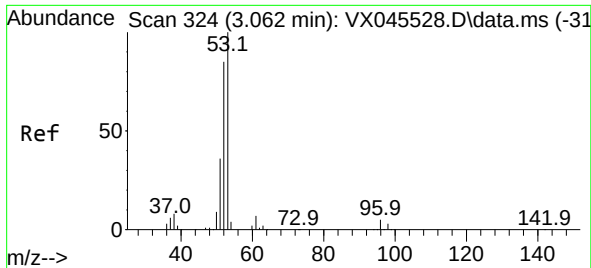
Tgt Ion: 56 Resp: 86651
Ion Ratio Lower Upper
56 100
55 72.1 56.2 84.2



#14
Allyl chloride
Concen: 50.610 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 41 Resp: 124885
Ion Ratio Lower Upper
41 100
39 75.2 60.2 90.2
76 31.9 24.6 36.8

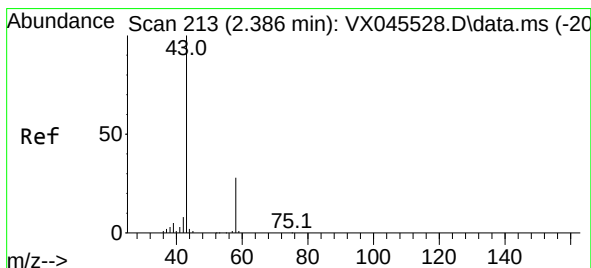
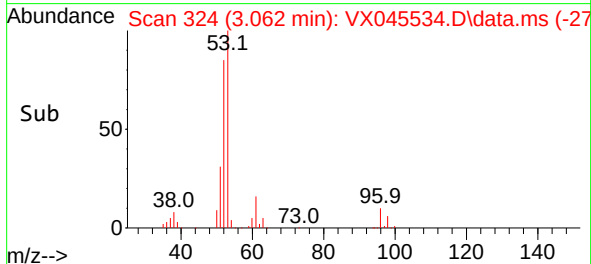
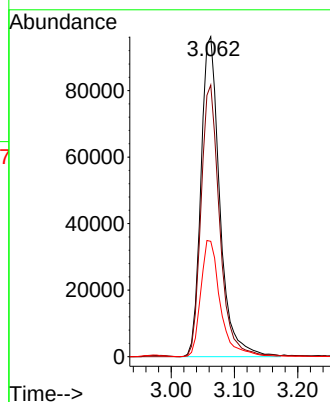
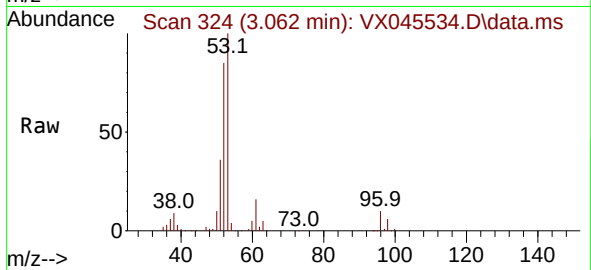




#15
Acrylonitrile
Concen: 237.850 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

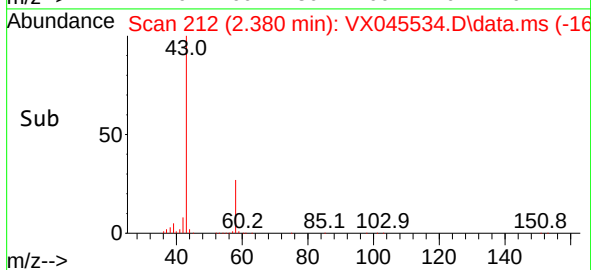
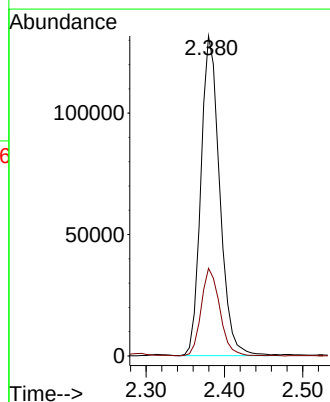
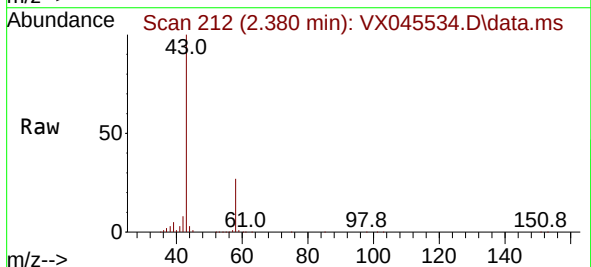
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

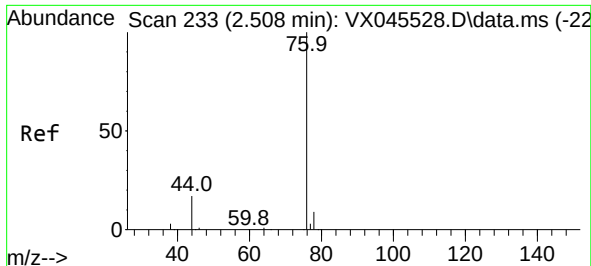
Tgt Ion: 53 Resp: 199897
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.6 29.9 44.9



#16
Acetone
Concen: 269.851 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 43 Resp: 219522
Ion Ratio Lower Upper
43 100
58 27.4 22.3 33.5

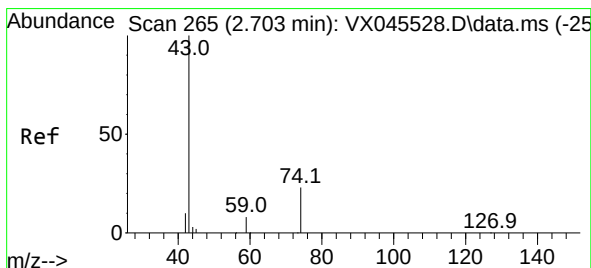
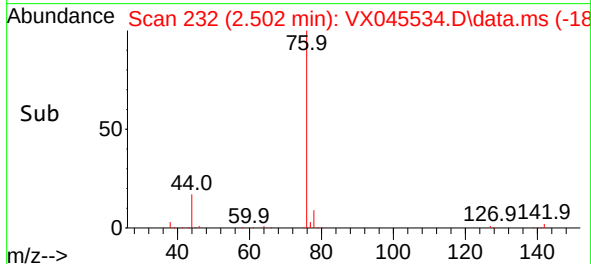
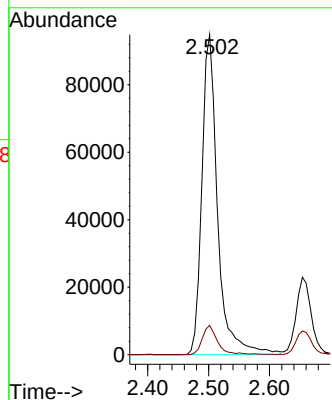
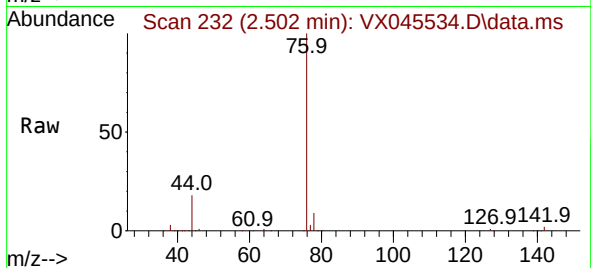




#17
Carbon Disulfide
Concen: 52.941 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

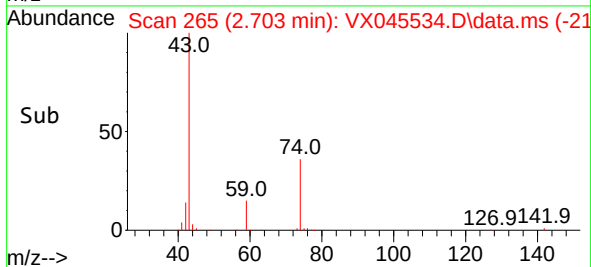
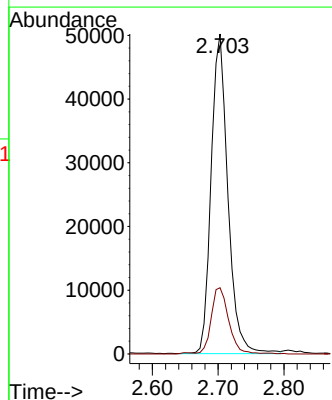
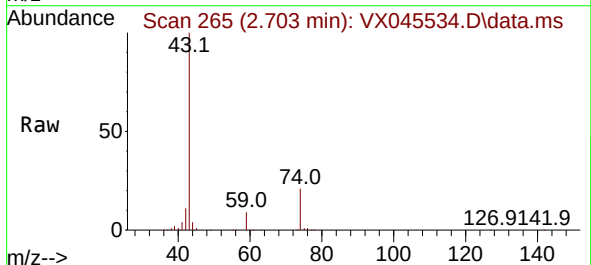
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

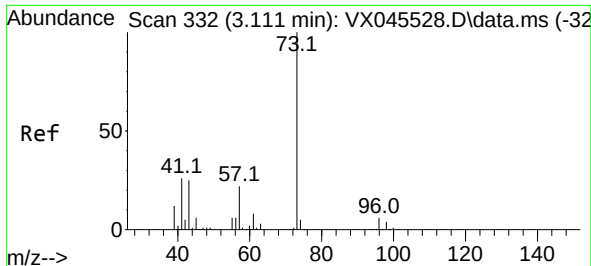
Tgt Ion: 76 Resp: 170048
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 47.483 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 43 Resp: 88934
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3

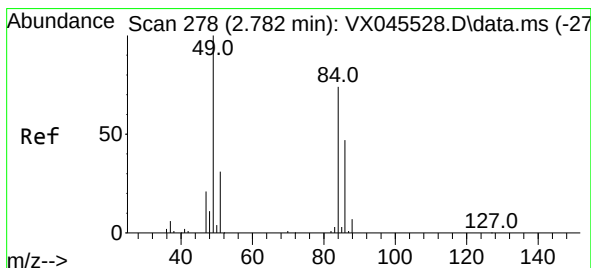
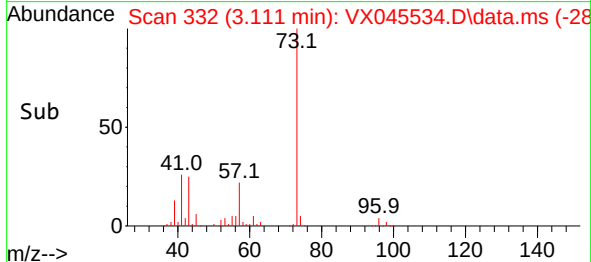
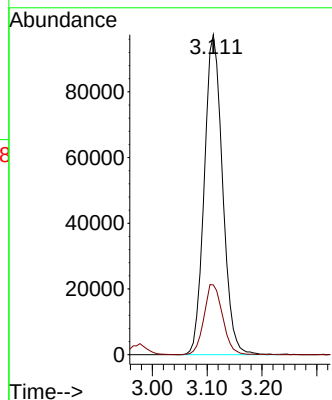
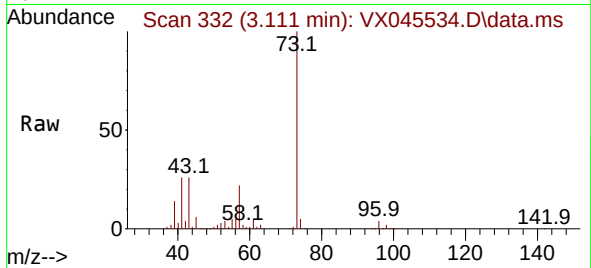




#19
Methyl tert-butyl Ether
Concen: 49.480 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

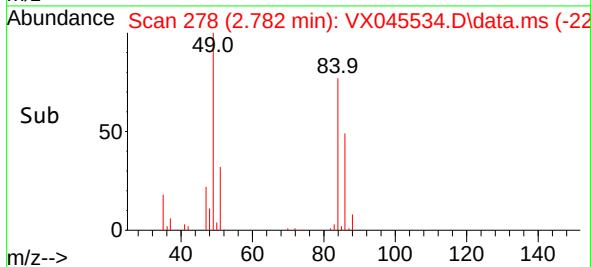
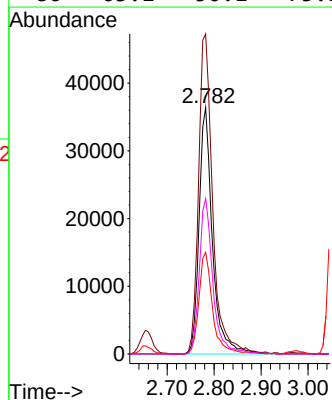
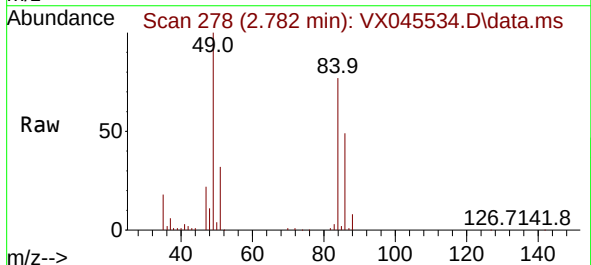
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

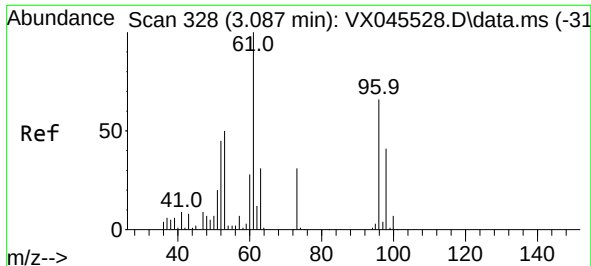
Tgt Ion: 73 Resp: 225103
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 47.558 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 84 Resp: 72429
Ion Ratio Lower Upper
84 100
49 129.9 107.5 161.3
51 41.3 33.0 49.6
86 63.1 50.1 75.1

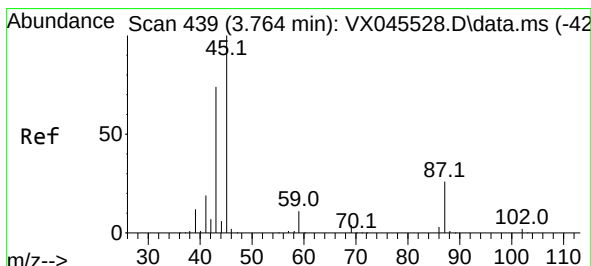
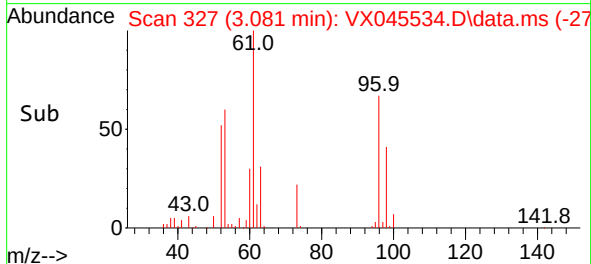
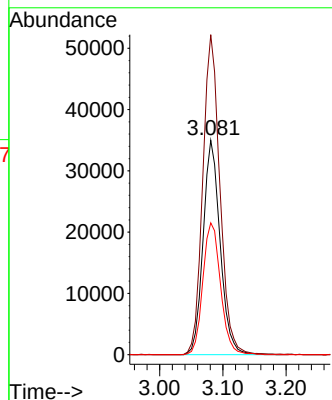
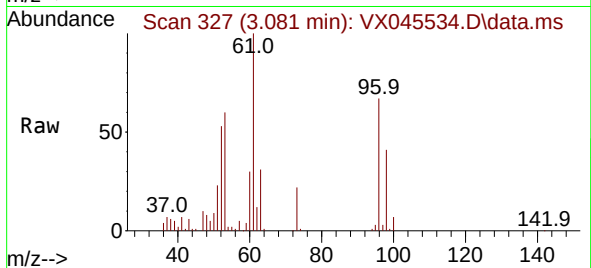




#21
trans-1,2-Dichloroethene
Concen: 49.368 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

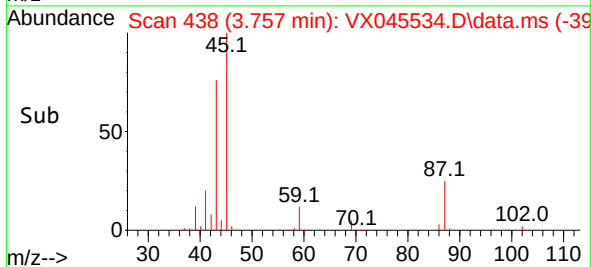
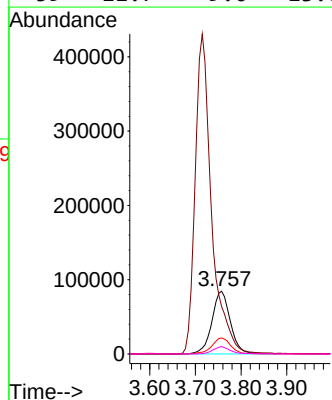
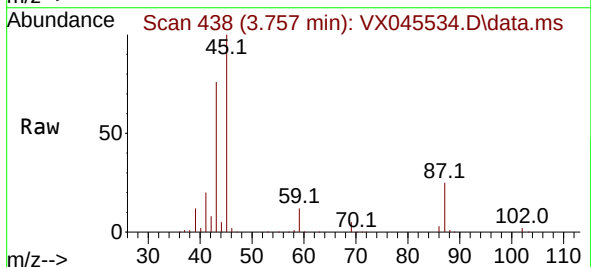
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

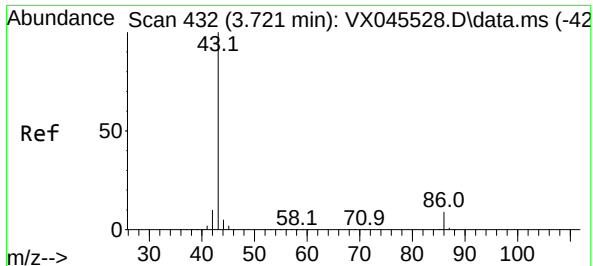
Tgt Ion: 96 Resp: 65593
Ion Ratio Lower Upper
96 100
61 149.3 121.0 181.6
98 61.5 49.7 74.5



#22
Diisopropyl ether
Concen: 48.747 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 45 Resp: 236947
Ion Ratio Lower Upper
45 100
43 75.3 59.3 88.9
87 25.5 20.4 30.6
59 11.7 9.0 13.6

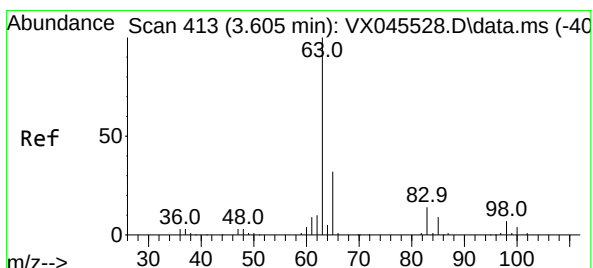
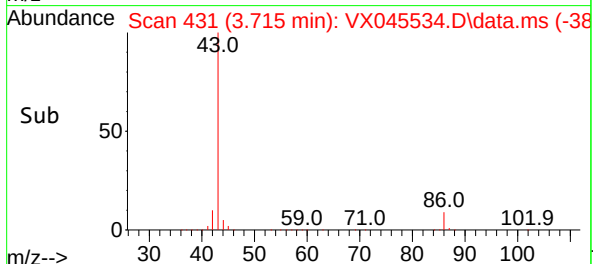
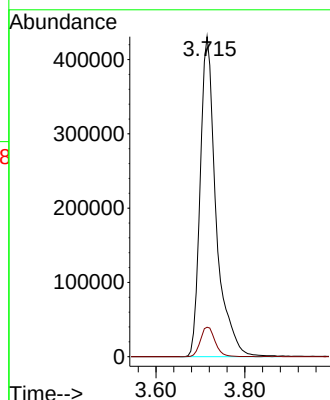
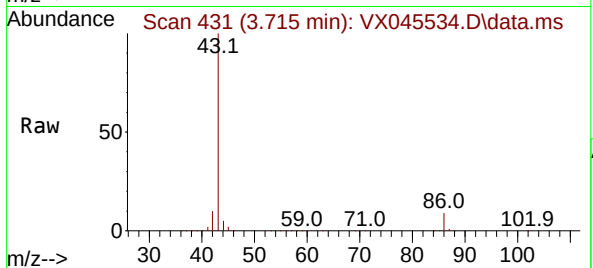




#23
 Vinyl Acetate
 Concen: 255.517 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045534.D
 Acq: 02 Apr 2025 10:02

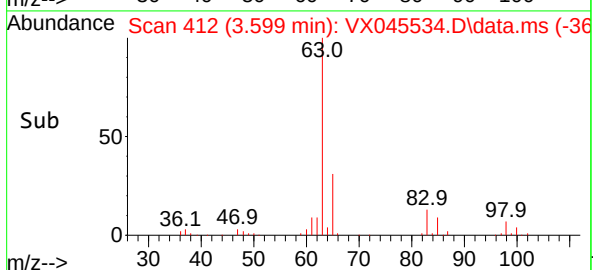
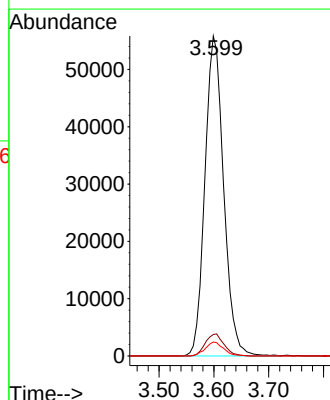
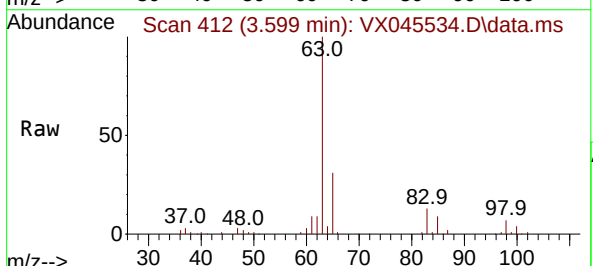
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

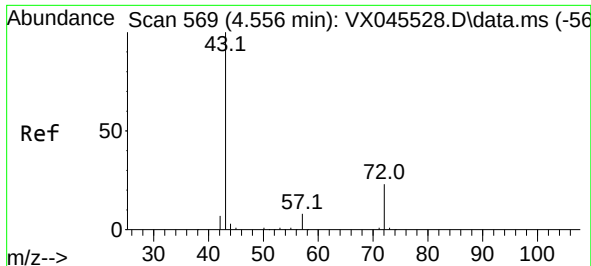
Tgt Ion: 43 Resp: 1073082
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.148 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045534.D
 Acq: 02 Apr 2025 10:02

Tgt Ion: 63 Resp: 132355
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 250.515 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

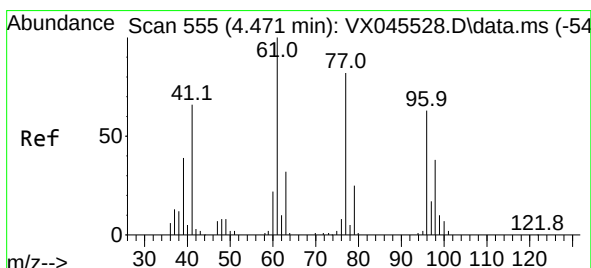
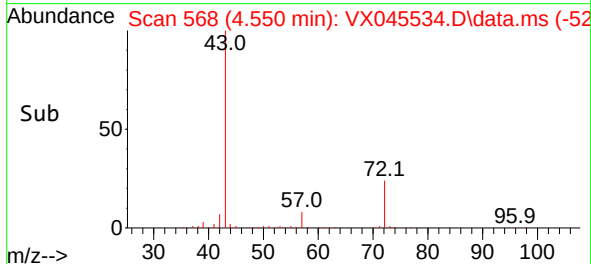
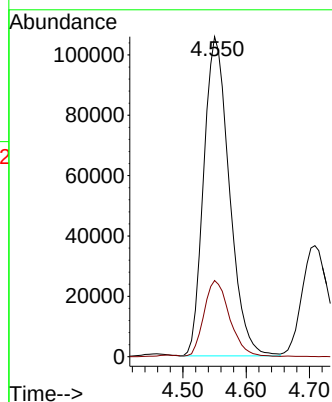
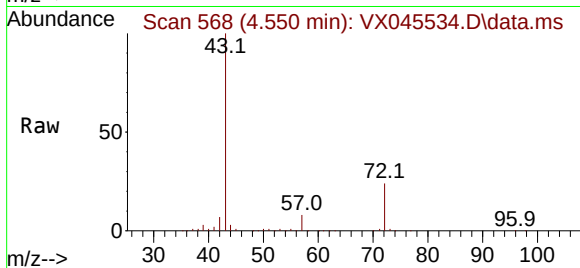
VSTDCCC050

Tgt Ion: 43 Resp: 298310

Ion Ratio Lower Upper

43 100

72 23.7 18.6 28.0



#26

2,2-Dichloropropane

Concen: 57.888 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045534.D

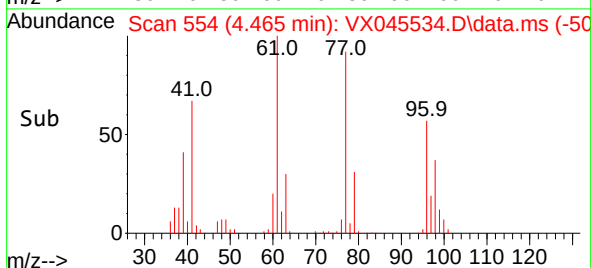
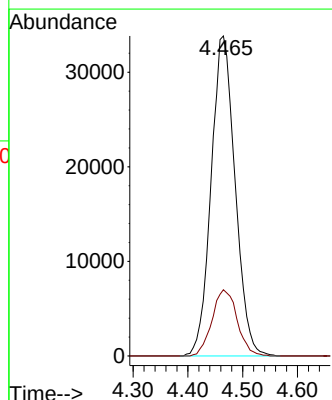
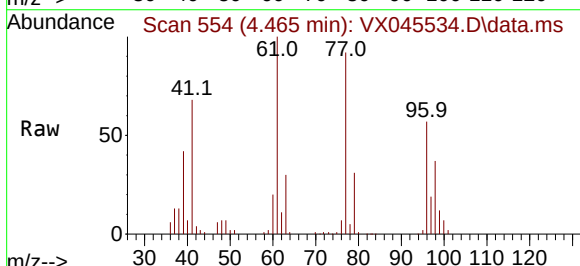
Acq: 02 Apr 2025 10:02

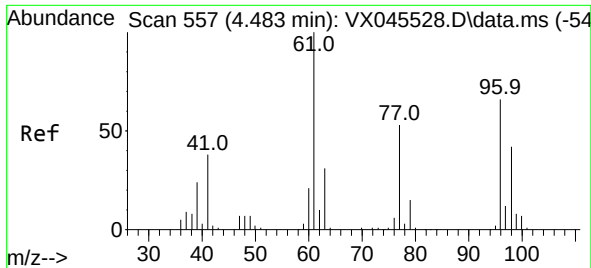
Tgt Ion: 77 Resp: 102814

Ion Ratio Lower Upper

77 100

97 21.7 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 48.192 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

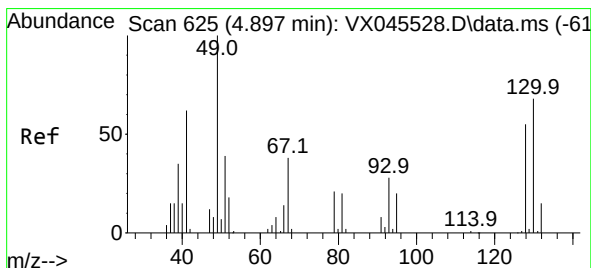
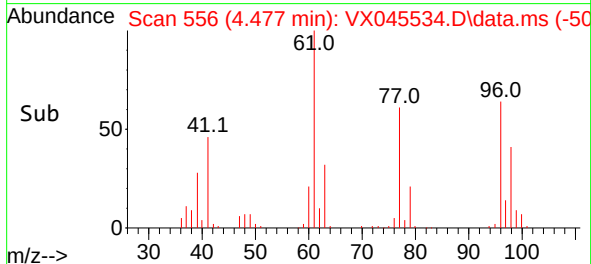
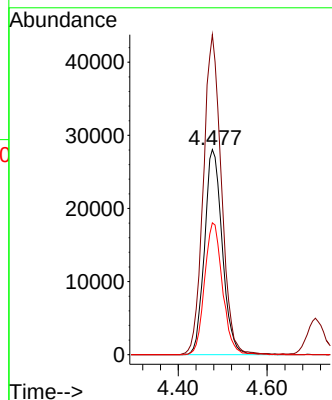
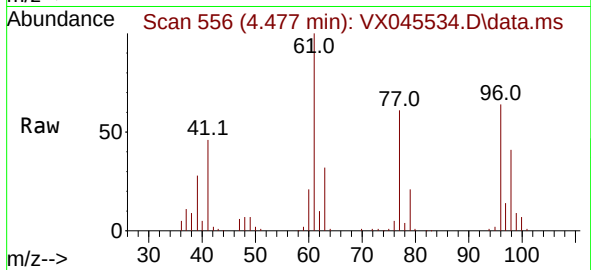
Tgt Ion: 96 Resp: 78009

Ion Ratio Lower Upper

96 100

61 158.8 0.0 313.2

98 64.8 0.0 126.4



#28

Bromochloromethane

Concen: 45.338 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

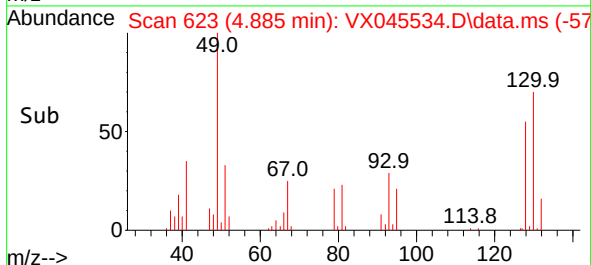
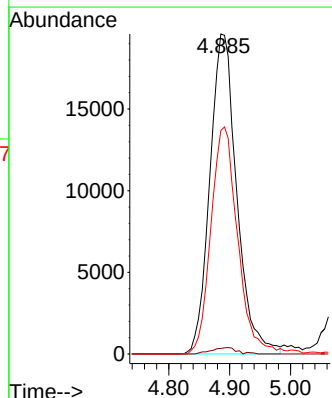
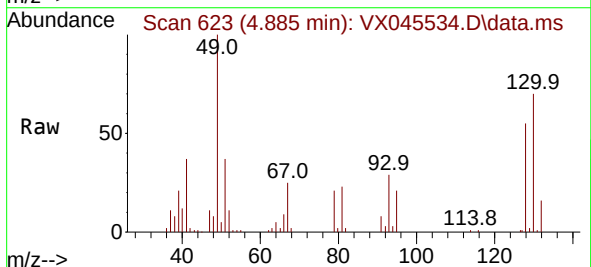
Tgt Ion: 49 Resp: 60228

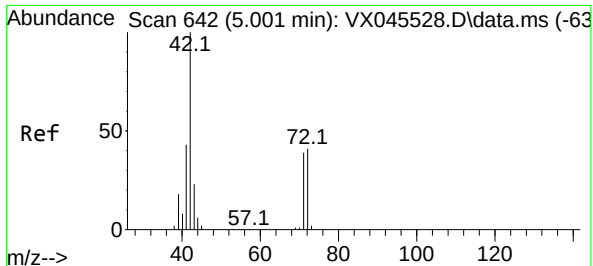
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 70.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 234.063 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

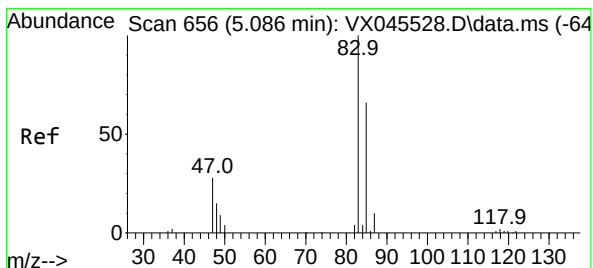
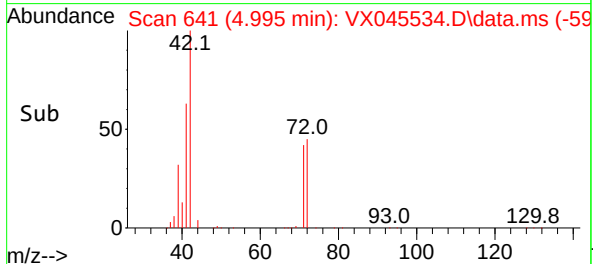
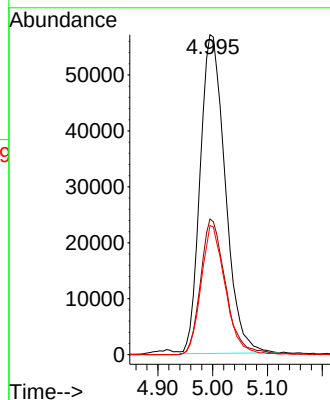
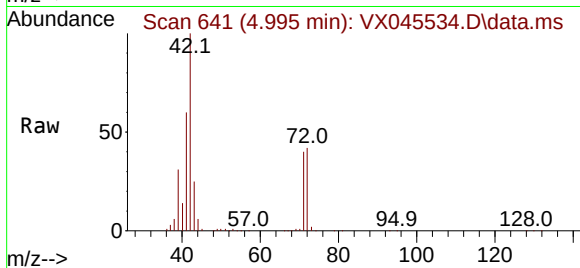
Tgt Ion: 42 Resp: 180703

Ion Ratio Lower Upper

42 100

72 42.7 33.4 50.0

71 39.2 31.4 47.0



#30

Chloroform

Concen: 47.923 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045534.D

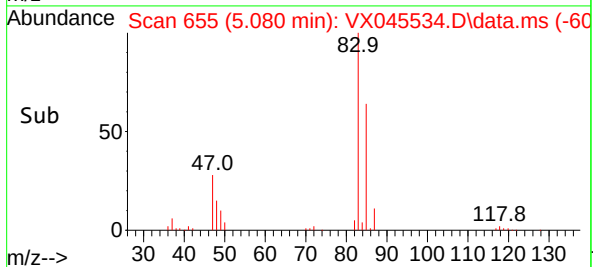
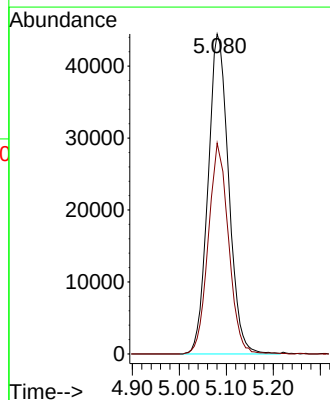
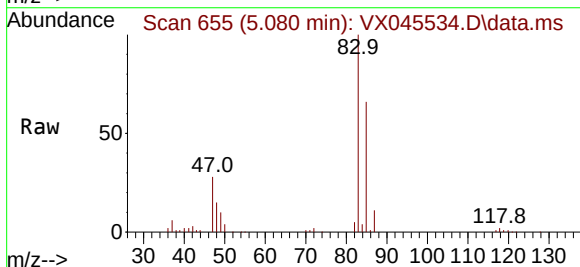
Acq: 02 Apr 2025 10:02

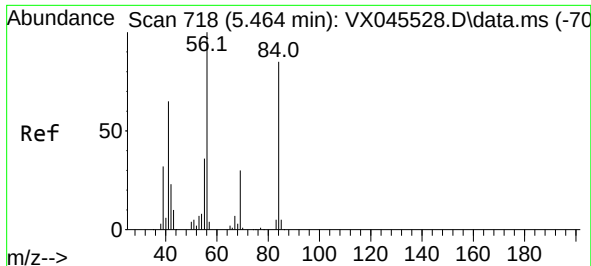
Tgt Ion: 83 Resp: 135555

Ion Ratio Lower Upper

83 100

85 65.9 52.8 79.2

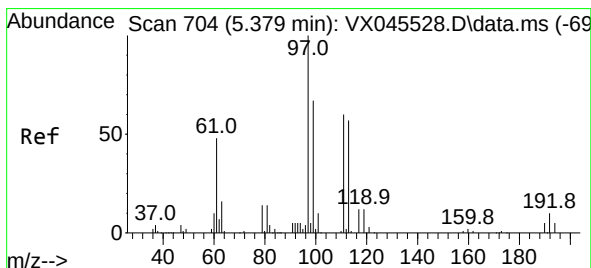
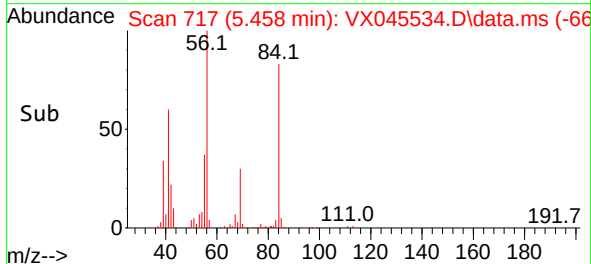
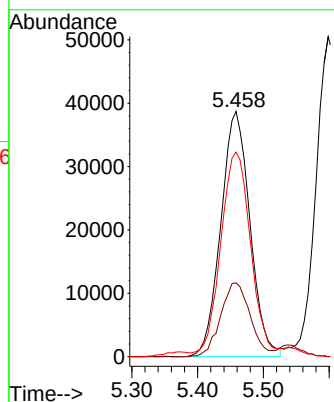
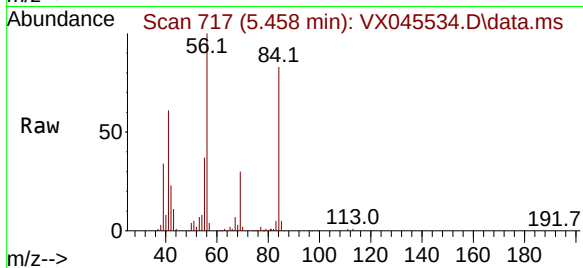




#31
Cyclohexane
Concen: 49.146 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

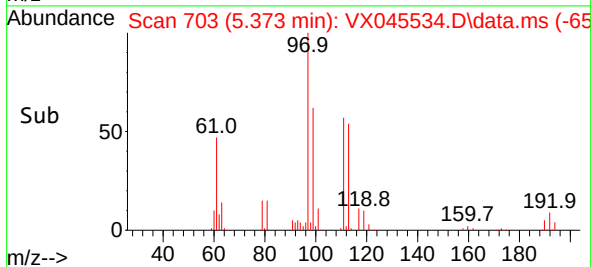
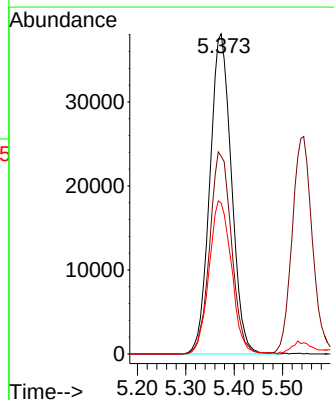
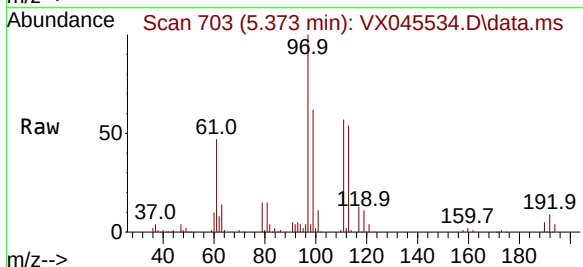
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

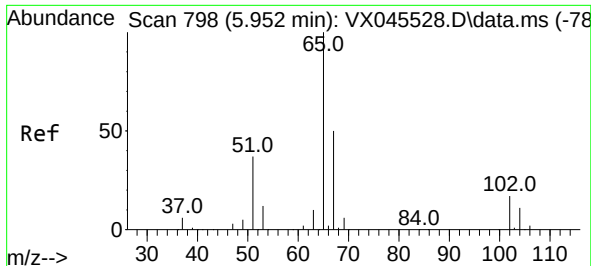
Tgt Ion: 56 Resp: 119435
Ion Ratio Lower Upper
56 100
69 30.1 23.6 35.4
84 81.4 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 49.363 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 97 Resp: 118147
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 49.8 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

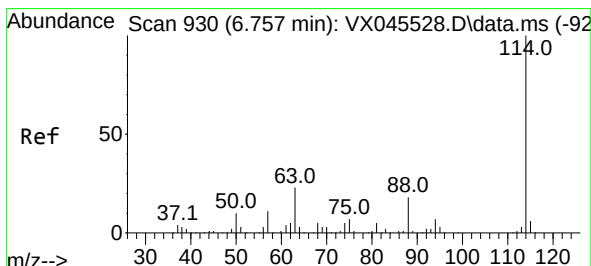
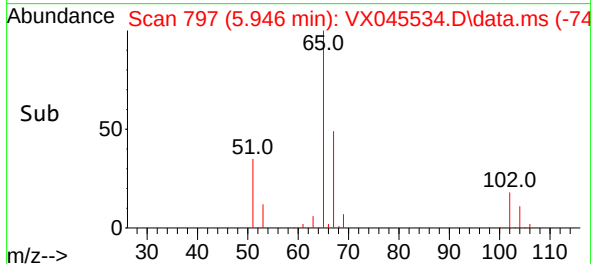
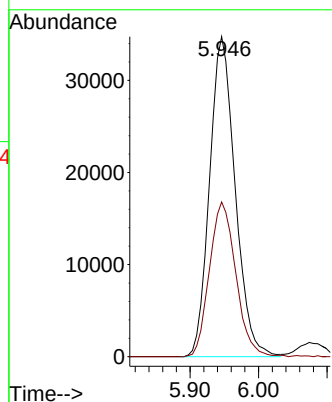
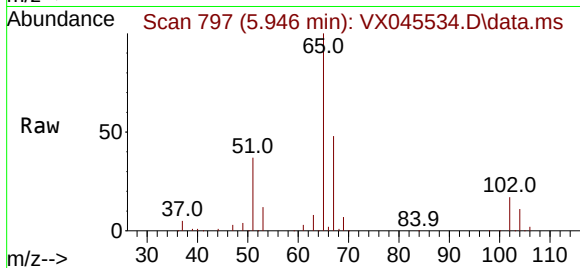
VSTDCCC050

Tgt Ion: 65 Resp: 90188

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

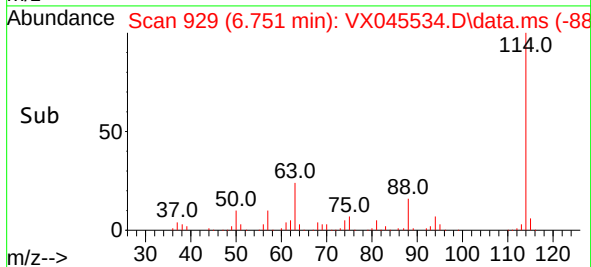
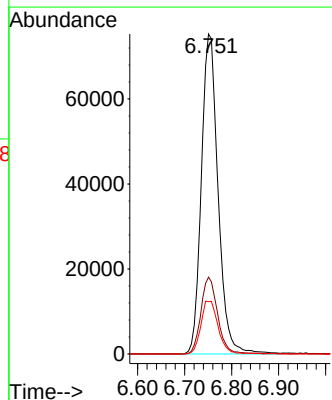
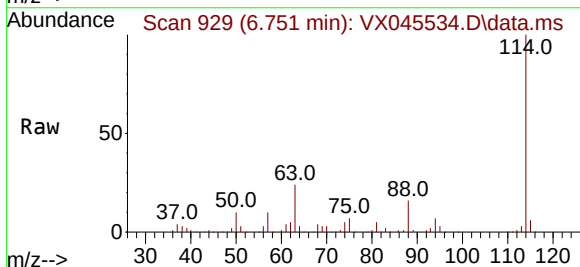
Tgt Ion: 114 Resp: 186062

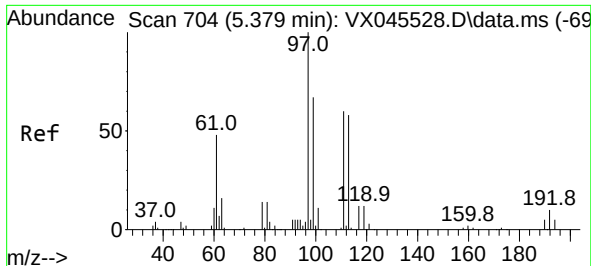
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 16.4 0.0 35.4

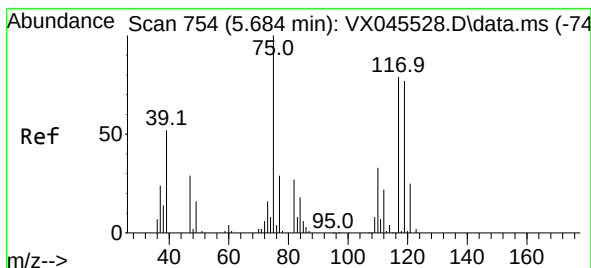
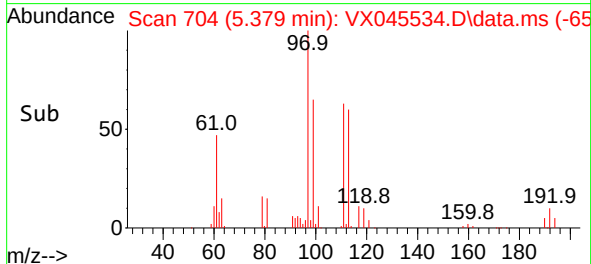
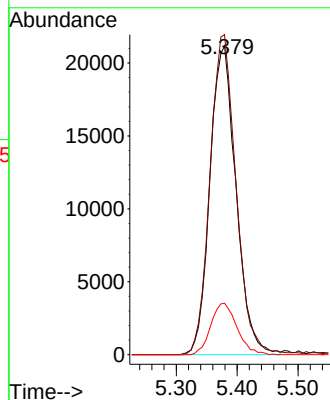
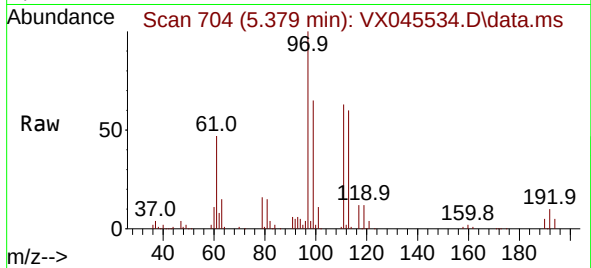




#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

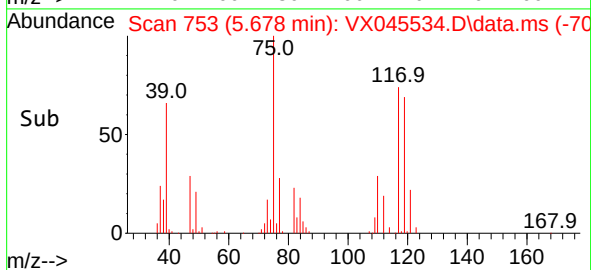
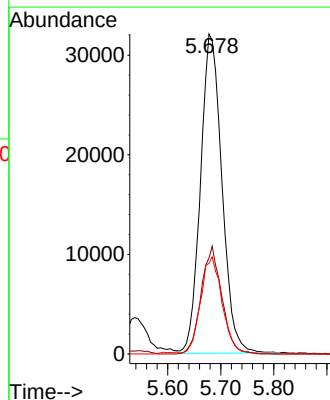
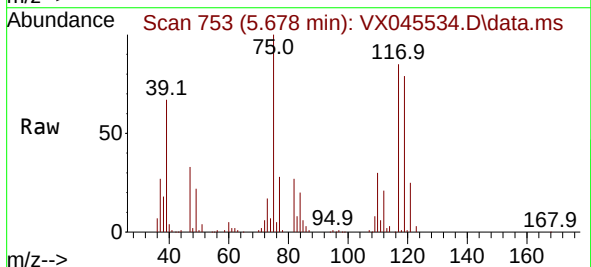
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

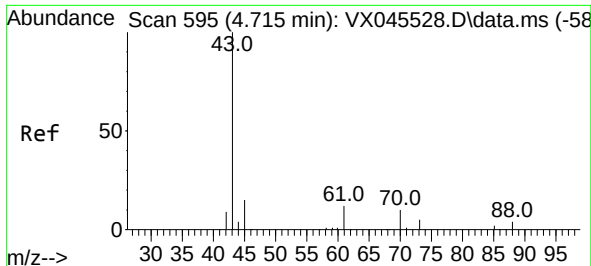
Tgt Ion:113 Resp: 63055
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.7 13.8 20.6



#36
1,1-Dichloropropene
Concen: 50.506 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 75 Resp: 90022
Ion Ratio Lower Upper
75 100
110 32.5 16.9 50.6
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 48.187 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

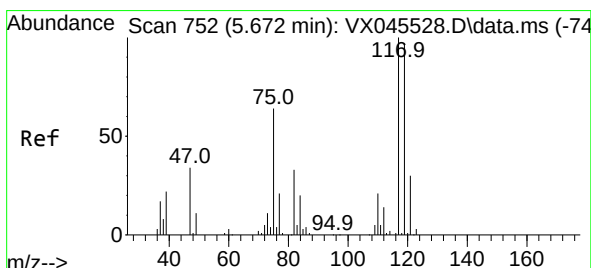
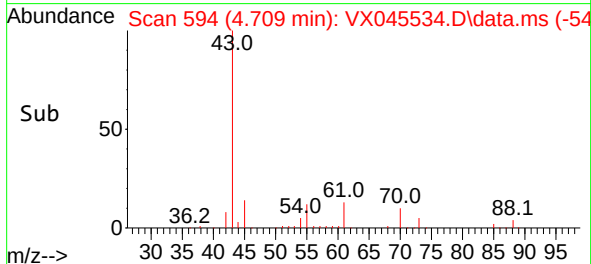
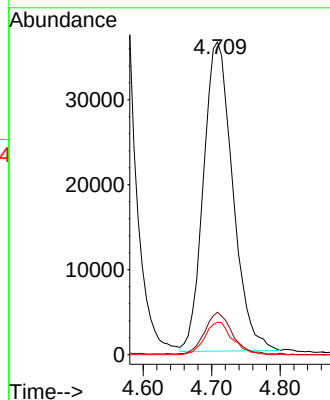
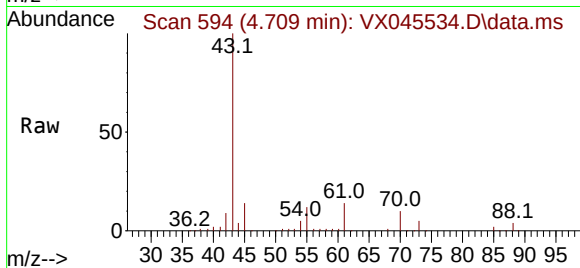
Tgt Ion: 43 Resp: 108238

Ion Ratio Lower Upper

43 100

61 12.3 9.9 14.9

70 9.9 7.5 11.3



#38

Carbon Tetrachloride

Concen: 51.725 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

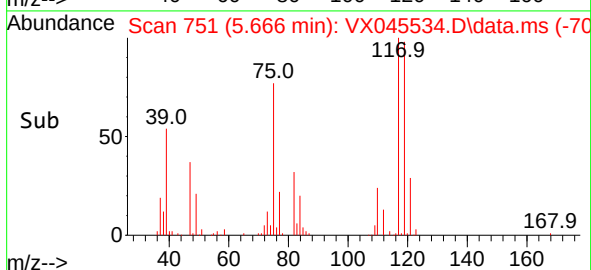
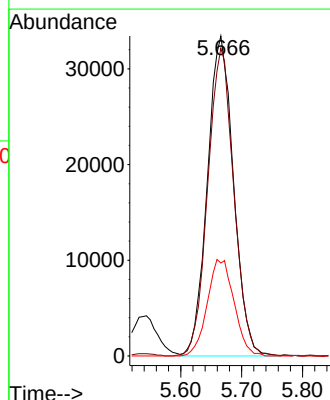
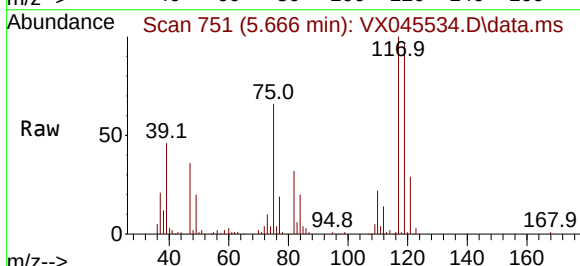
Tgt Ion: 117 Resp: 99640

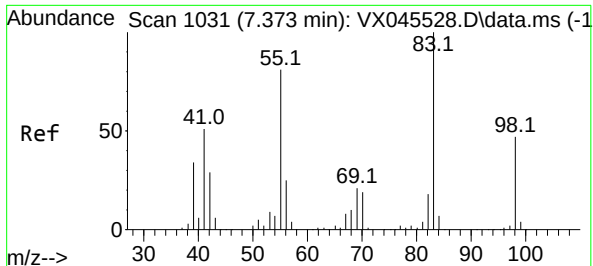
Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3

121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 54.285 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

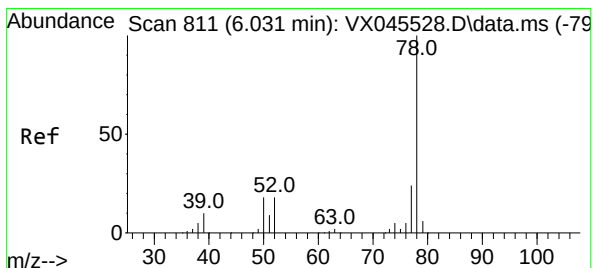
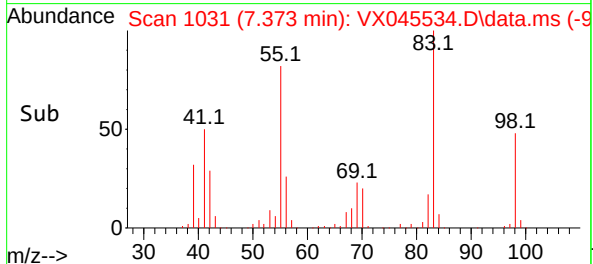
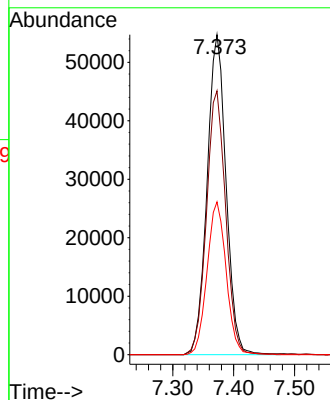
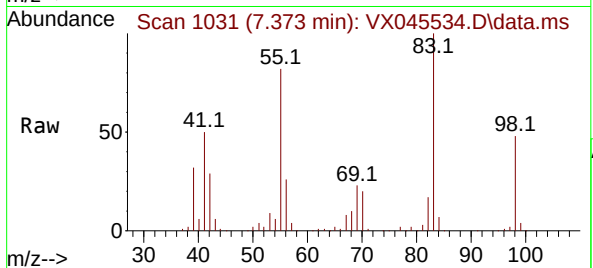
Tgt Ion: 83 Resp: 118606

Ion Ratio Lower Upper

83 100

55 82.5 64.9 97.3

98 47.8 37.4 56.0



#40

Benzene

Concen: 49.029 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045534.D

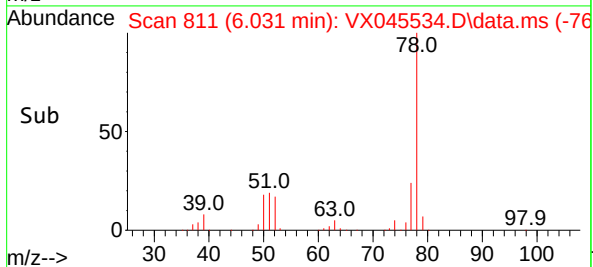
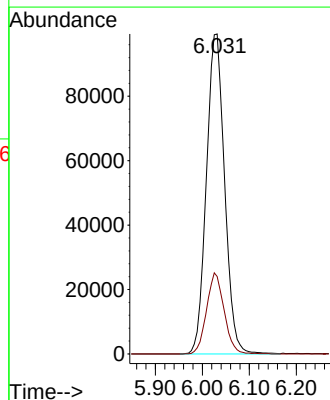
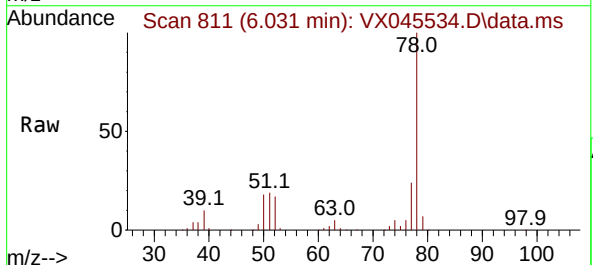
Acq: 02 Apr 2025 10:02

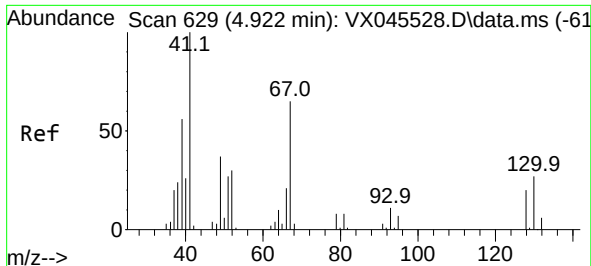
Tgt Ion: 78 Resp: 266898

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



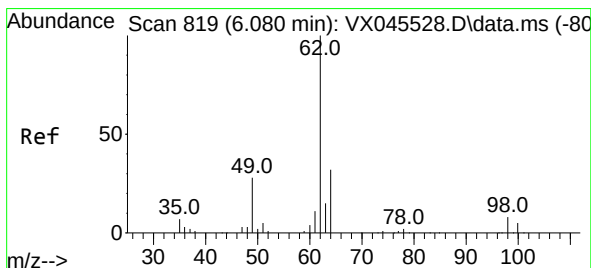
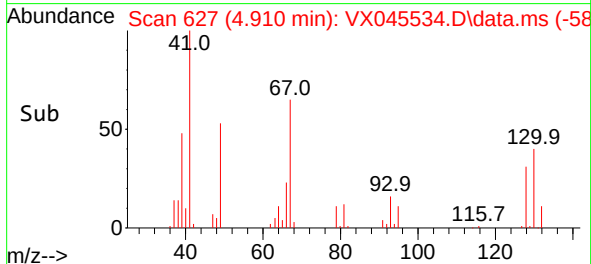
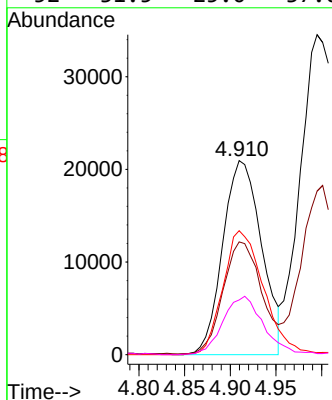
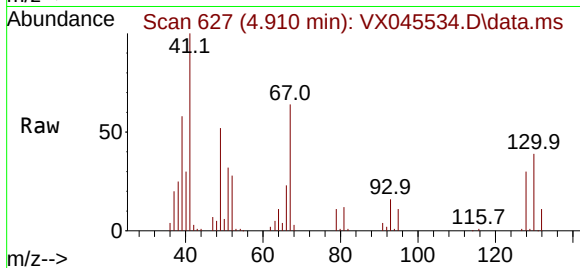


#41
Methacrylonitrile
Concen: 52.281 ug/l
RT: 4.910 min Scan# 619
Delta R.T. -0.012 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 61962

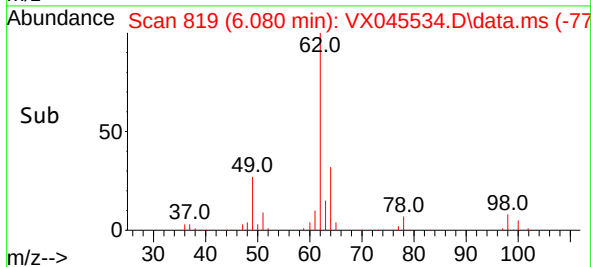
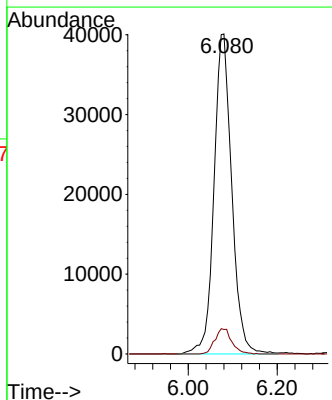
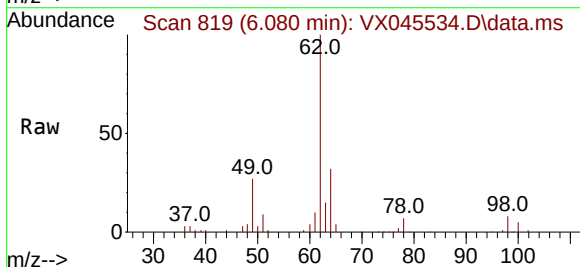
Ion	Ratio	Lower	Upper
41	100		
39	57.3	47.0	70.6
67	67.3	53.2	79.8
52	31.5	25.0	37.6

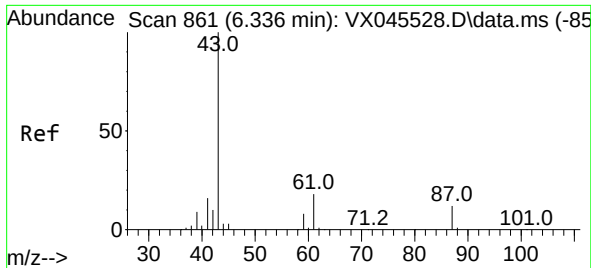


#42
1,2-Dichloroethane
Concen: 49.263 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 62 Resp: 110762

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.2

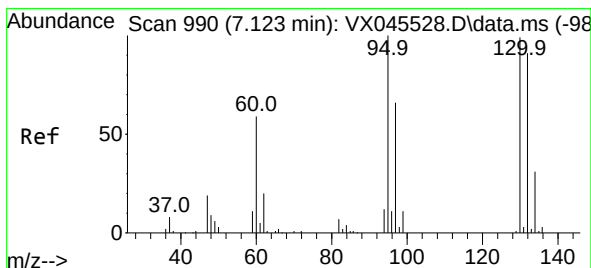
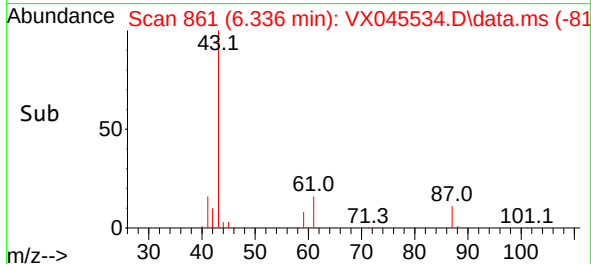
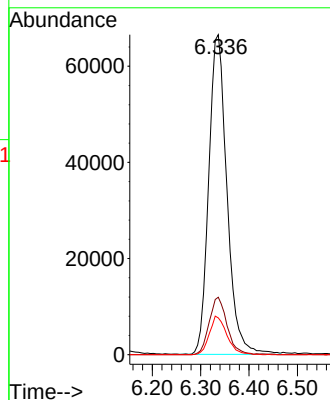
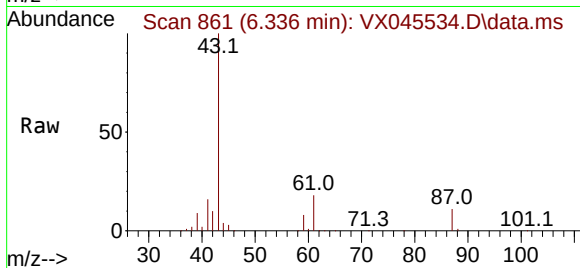




#43
Isopropyl Acetate
Concen: 51.186 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

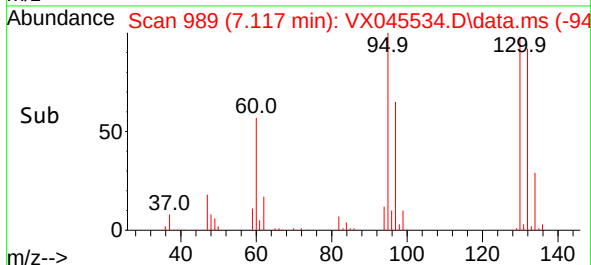
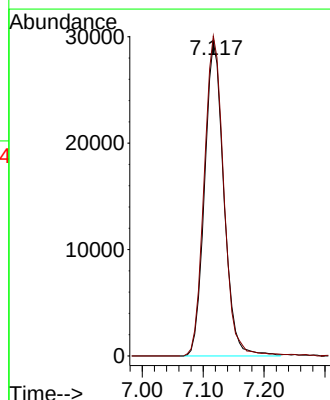
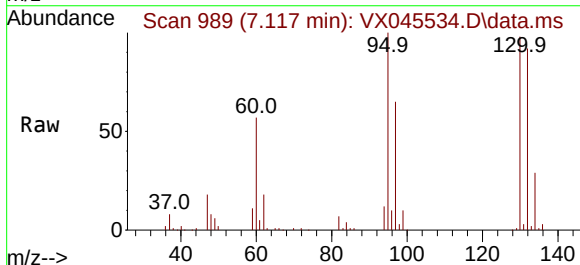
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

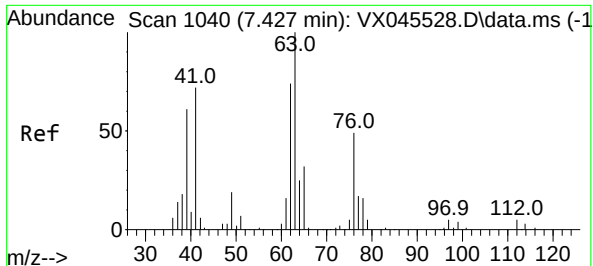
Tgt Ion: 43 Resp: 174259
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.5 9.2 13.8



#44
Trichloroethene
Concen: 50.047 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion:130 Resp: 64754
Ion Ratio Lower Upper
130 100
95 101.9 0.0 202.0





#45

1,2-Dichloropropane

Concen: 49.531 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

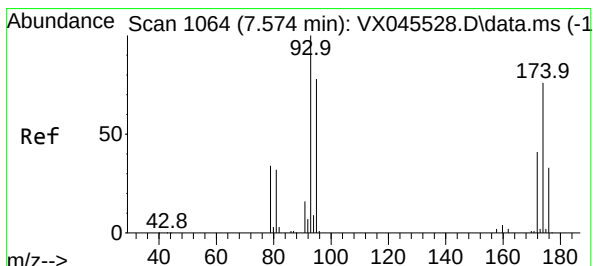
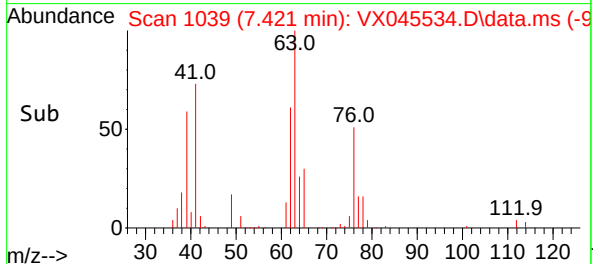
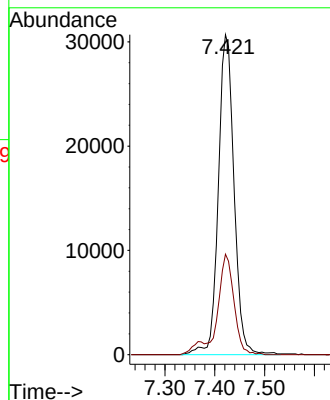
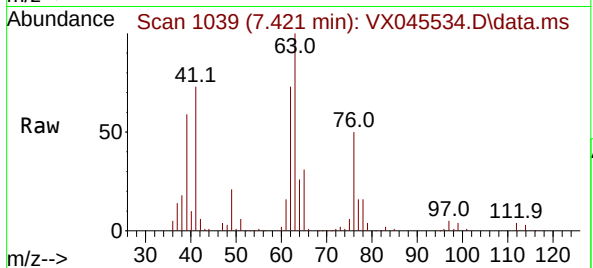
VSTDCCC050

Tgt Ion: 63 Resp: 67275

Ion Ratio Lower Upper

63 100

65 31.4 25.8 38.6



#46

Dibromomethane

Concen: 49.887 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

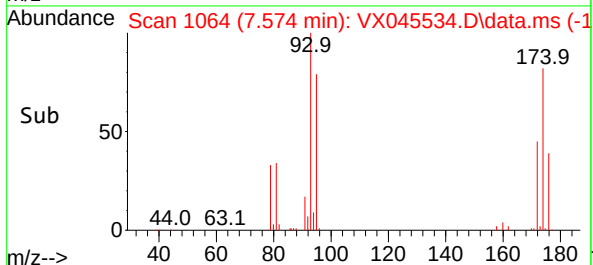
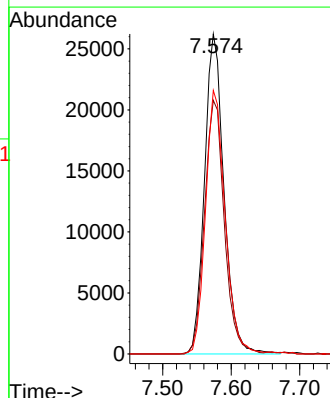
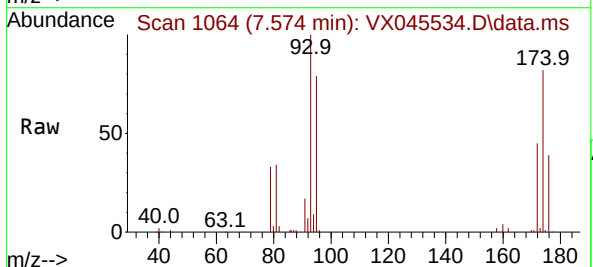
Tgt Ion: 93 Resp: 52015

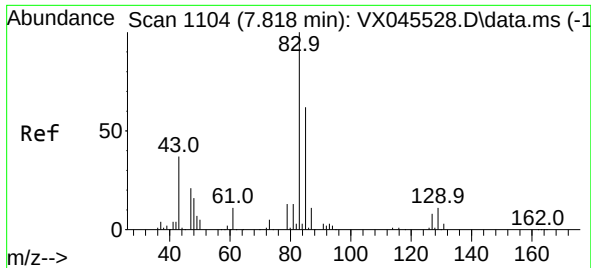
Ion Ratio Lower Upper

93 100

95 80.8 64.8 97.2

174 83.1 65.4 98.0

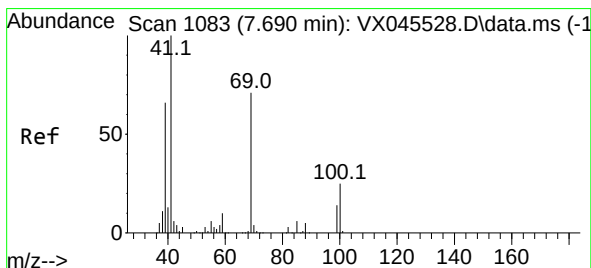
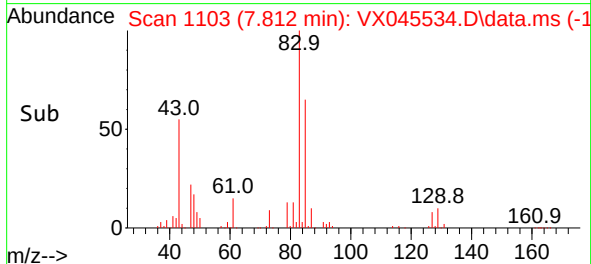
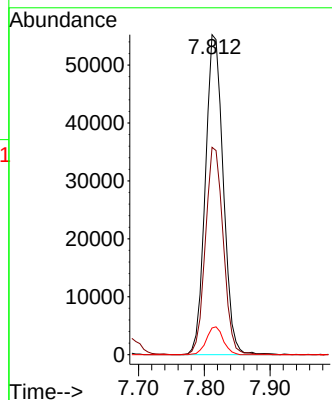
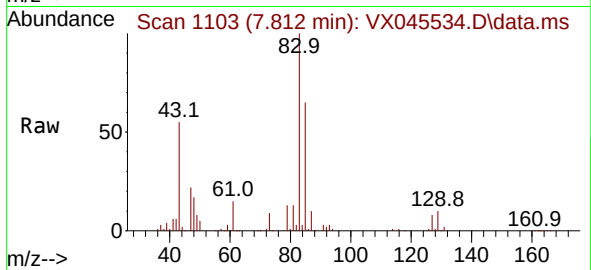




#47
Bromodichloromethane
Concen: 50.214 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

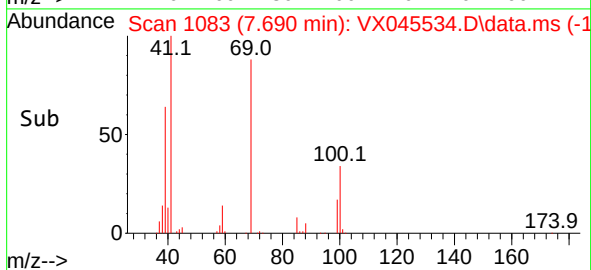
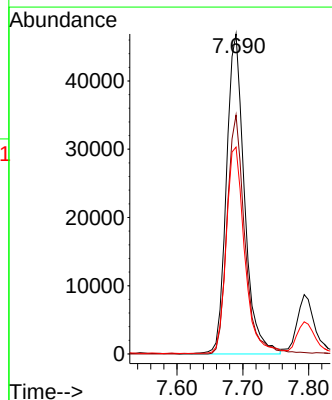
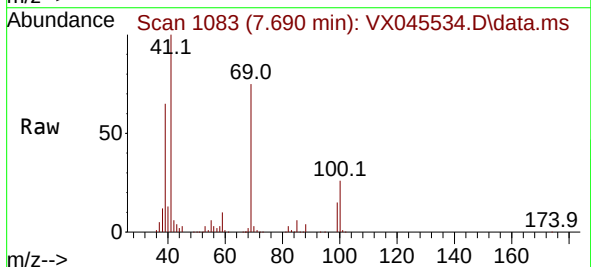
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

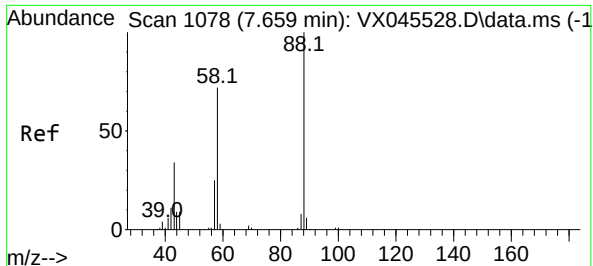
Tgt Ion: 83 Resp: 104558
Ion Ratio Lower Upper
83 100
85 64.8 49.7 74.5
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 50.851 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 41 Resp: 89385
Ion Ratio Lower Upper
41 100
69 73.8 58.2 87.2
39 66.2 53.6 80.4

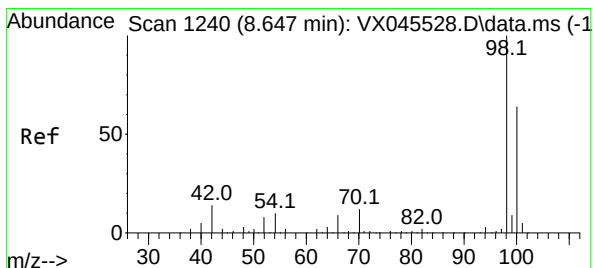
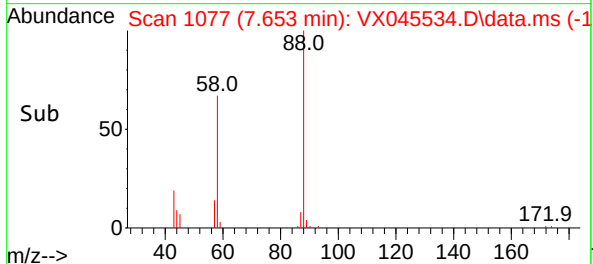
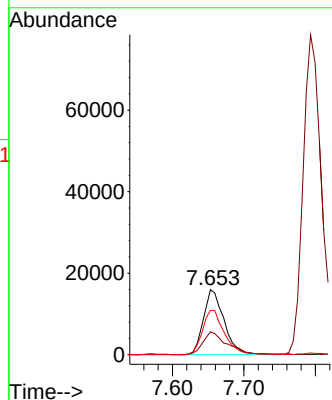
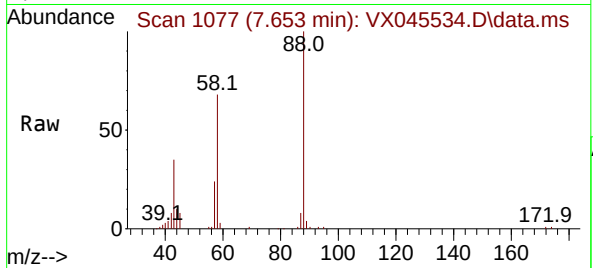




#49
1,4-Dioxane
Concen: 1005.638 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

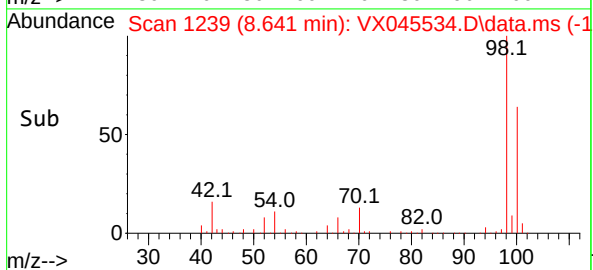
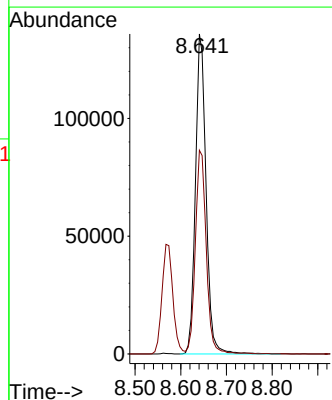
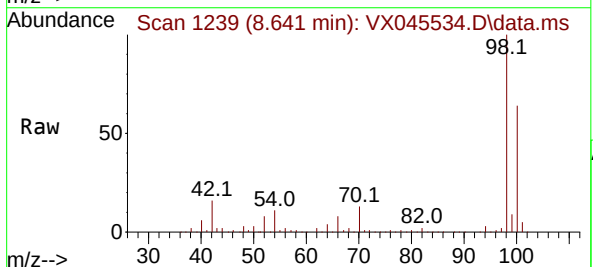
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

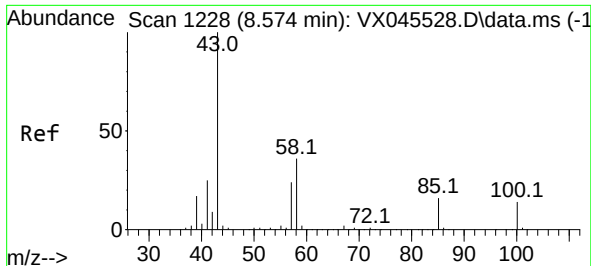
Tgt Ion: 88 Resp: 31982
Ion Ratio Lower Upper
88 100
43 40.1 32.2 48.4
58 72.6 58.6 88.0



#50
Toluene-d8
Concen: 47.553 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 98 Resp: 219109
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

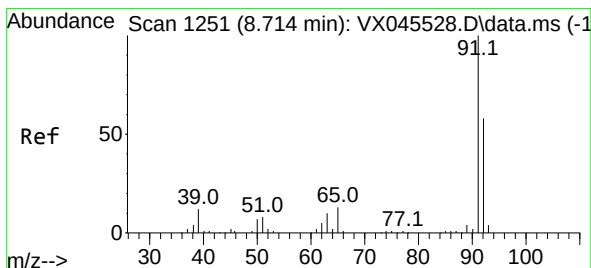
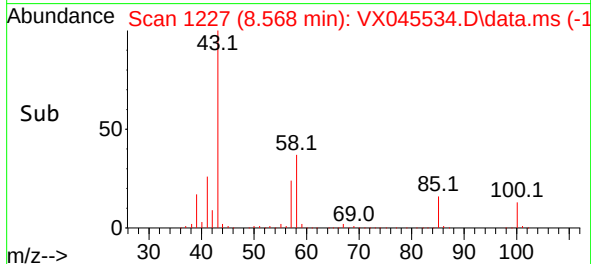
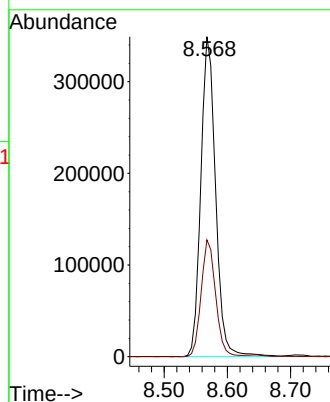
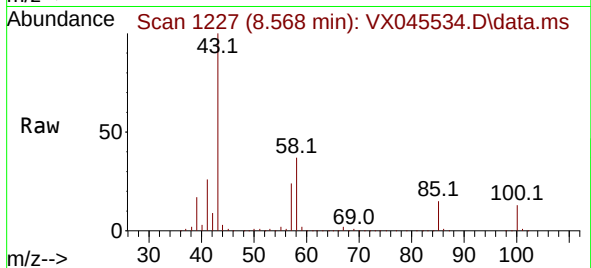




#51
4-Methyl-2-Pentanone
Concen: 251.819 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

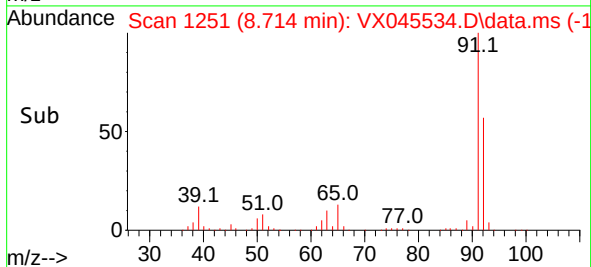
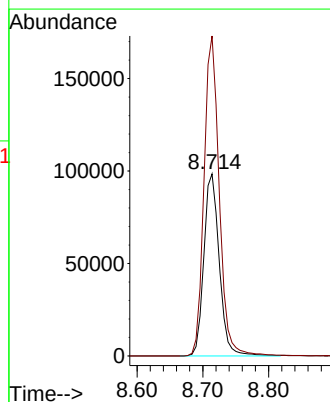
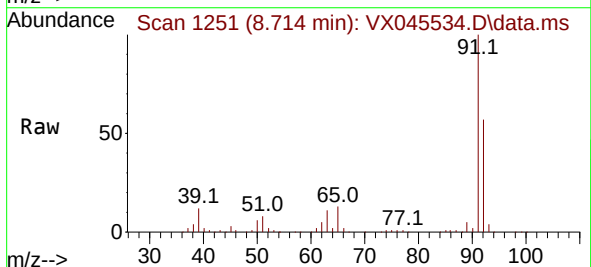
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

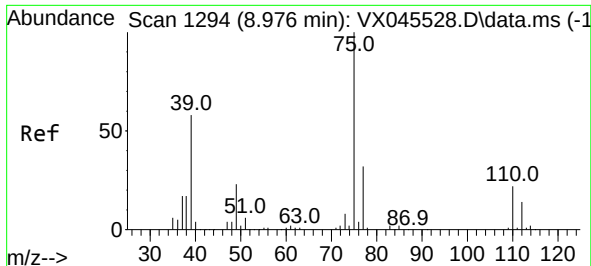
Tgt Ion: 43 Resp: 568320
Ion Ratio Lower Upper
43 100
58 35.7 28.5 42.7



#52
Toluene
Concen: 48.776 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 92 Resp: 160666
Ion Ratio Lower Upper
92 100
91 173.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 48.307 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

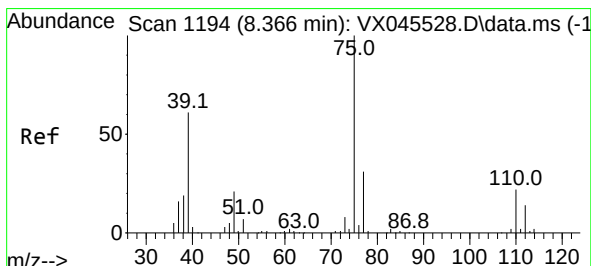
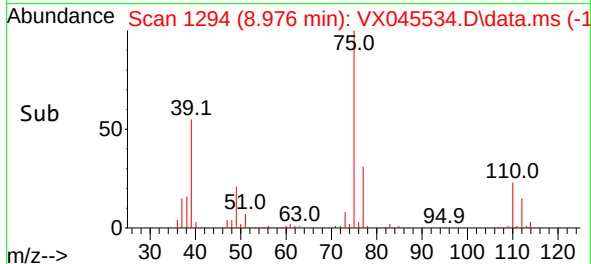
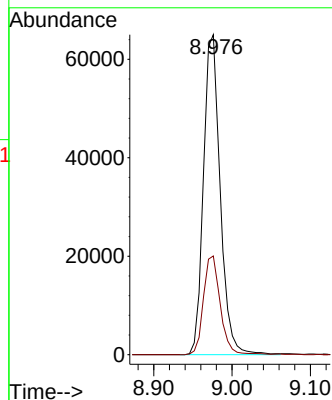
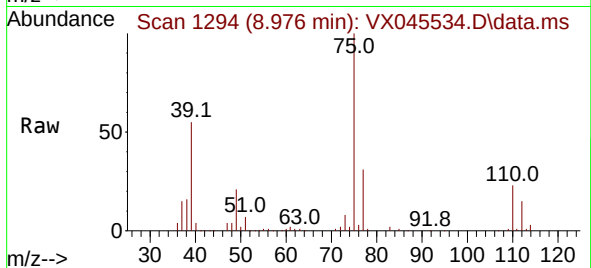
VSTDCCC050

Tgt Ion: 75 Resp: 96566

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.353 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

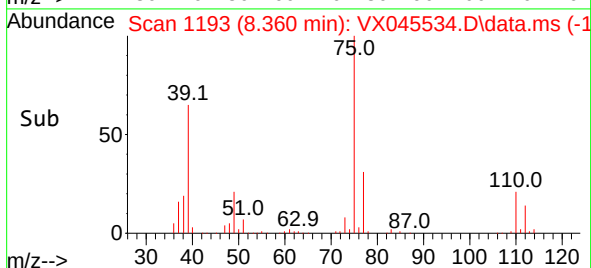
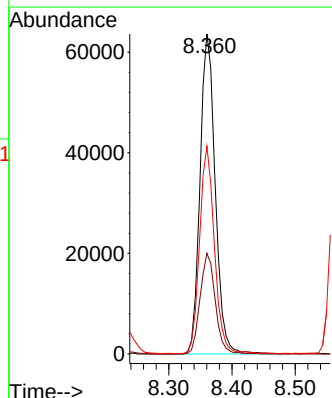
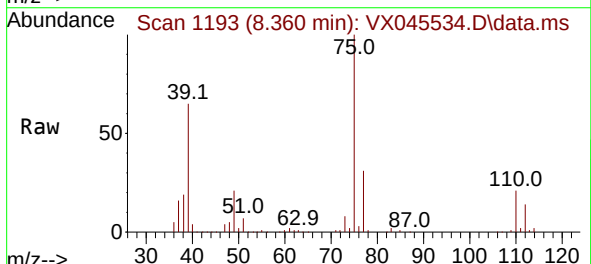
Tgt Ion: 75 Resp: 106354

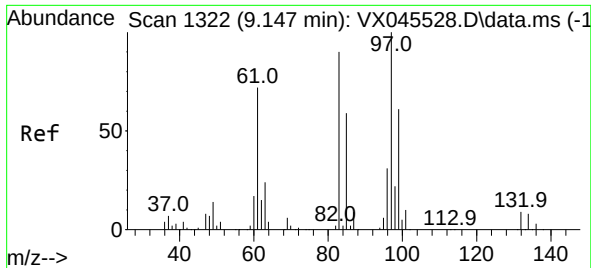
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 64.8 48.4 72.6

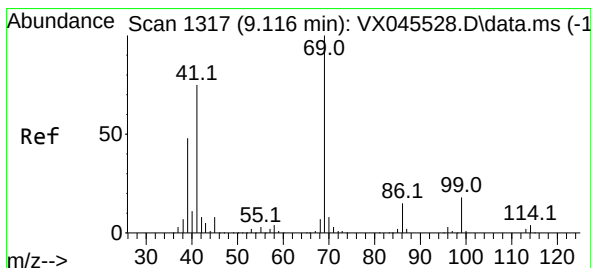
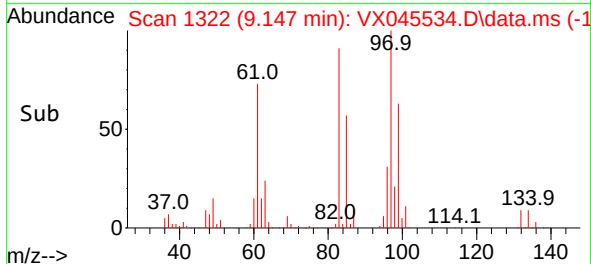
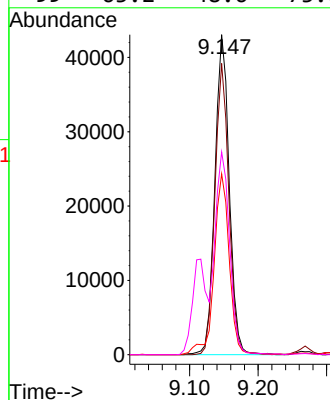
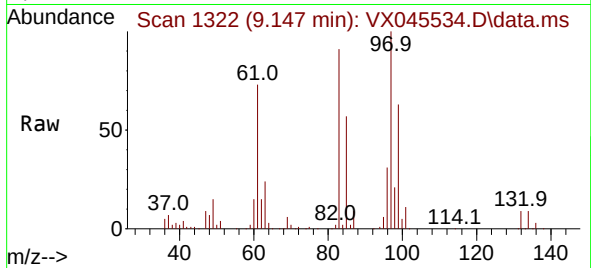




#55
1,1,2-Trichloroethane
Concen: 47.884 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

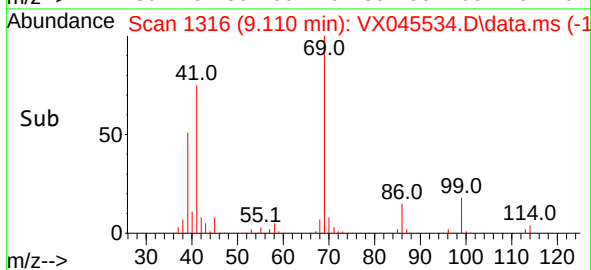
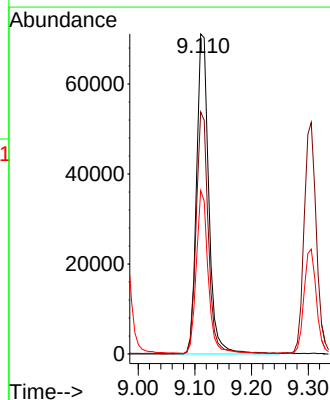
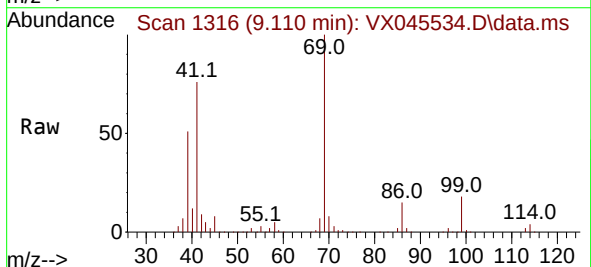
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

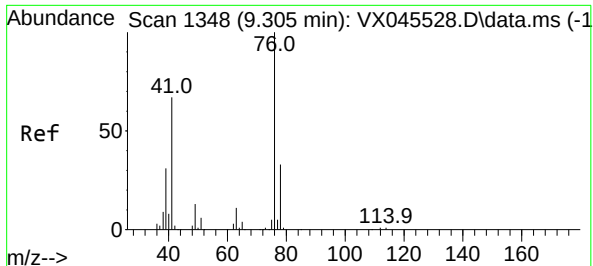
Tgt Ion:	97	Resp:	62853
Ion	Ratio	Lower	Upper
97	100		
83	91.0	71.8	107.8
85	56.5	47.0	70.6
99	63.2	48.6	73.0



#56
Ethyl methacrylate
Concen: 52.494 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion:	69	Resp:	106636
Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.3	91.9
39	49.2	40.2	60.2





#57

1,3-Dichloropropane

Concen: 48.991 ug/l

RT: 9.305 min Scan# 111980

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

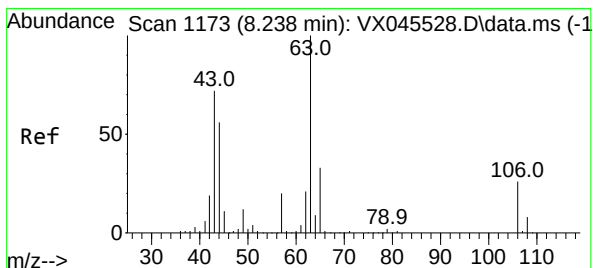
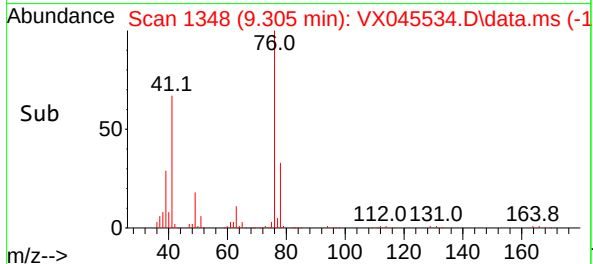
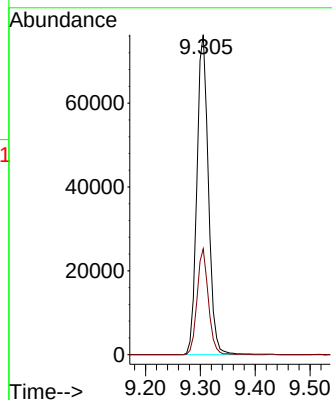
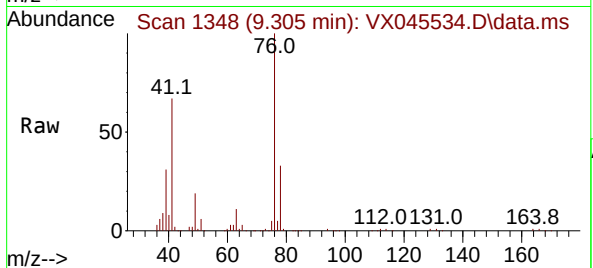
VSTDCCC050

Tgt Ion: 76 Resp: 111980

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.906 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045534.D

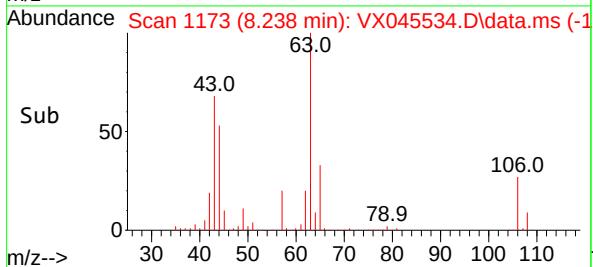
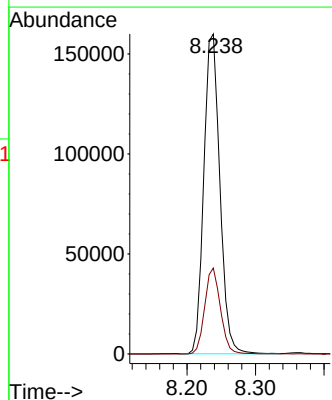
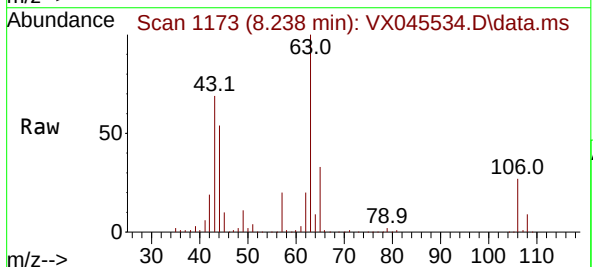
Acq: 02 Apr 2025 10:02

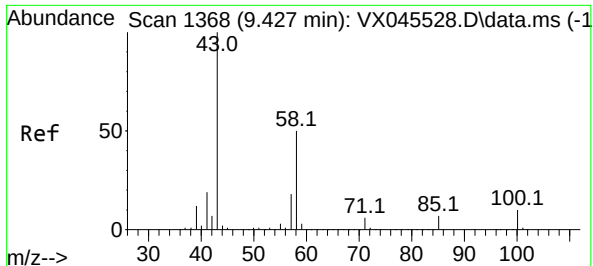
Tgt Ion: 63 Resp: 260922

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6

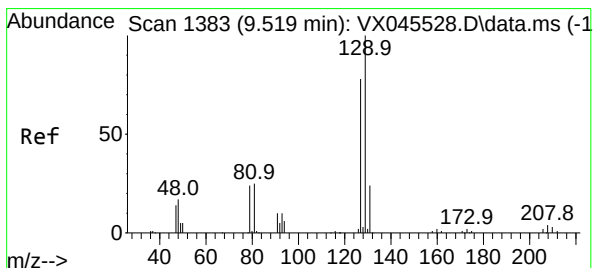
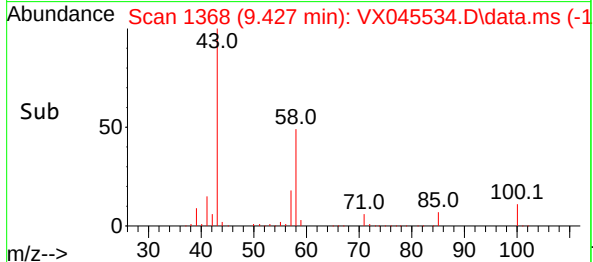
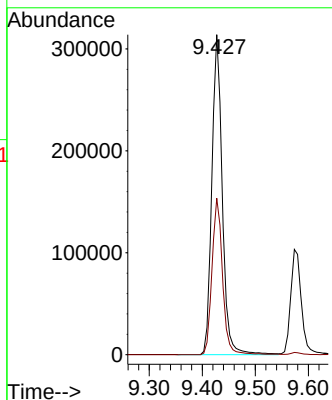
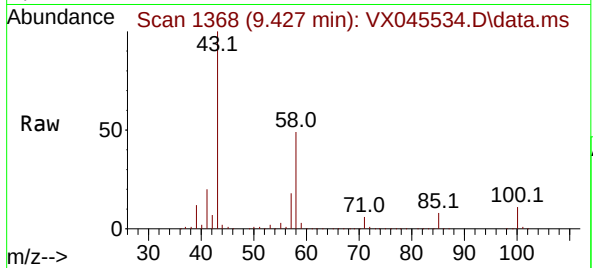




#59
2-Hexanone
Concen: 257.042 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

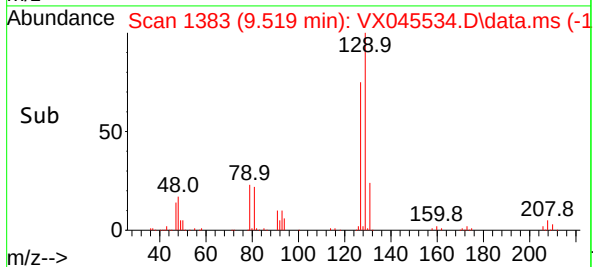
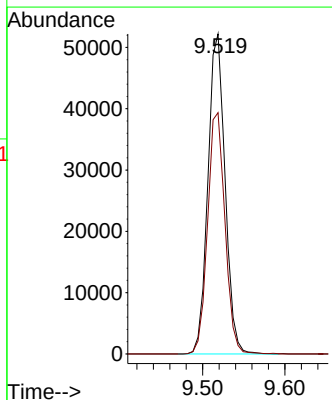
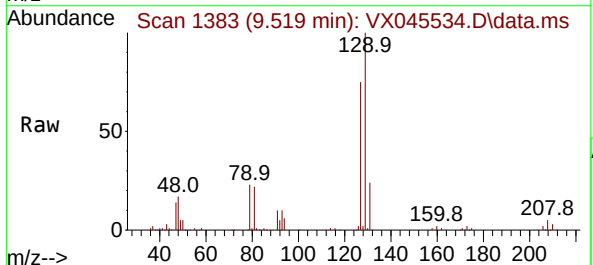
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

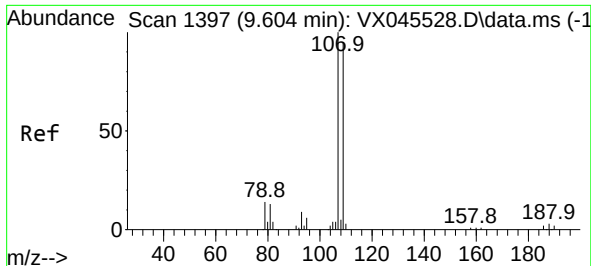
Tgt Ion: 43 Resp: 429585
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6



#60
Dibromochloromethane
Concen: 52.816 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 129 Resp: 75579
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2

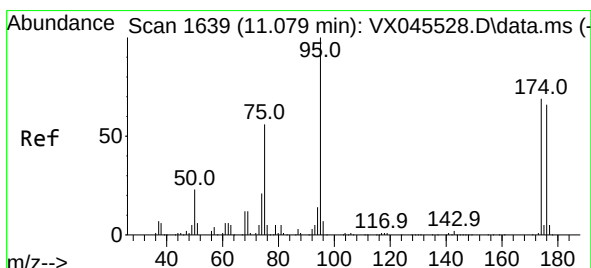
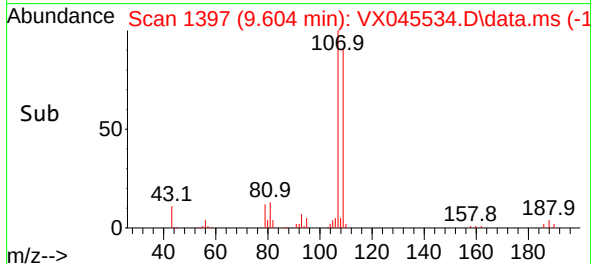
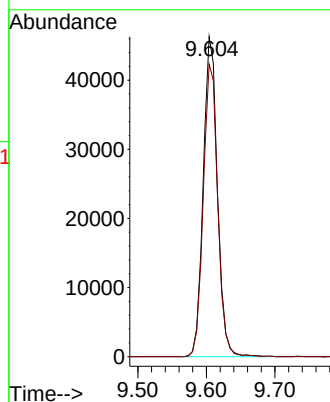
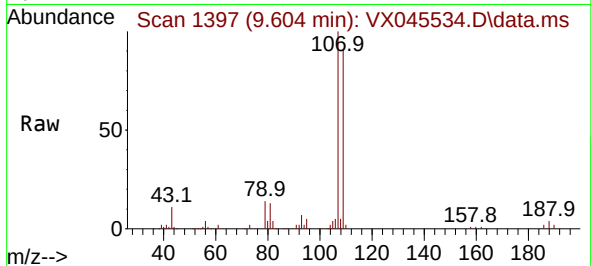




#61
1,2-Dibromoethane
Concen: 50.167 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

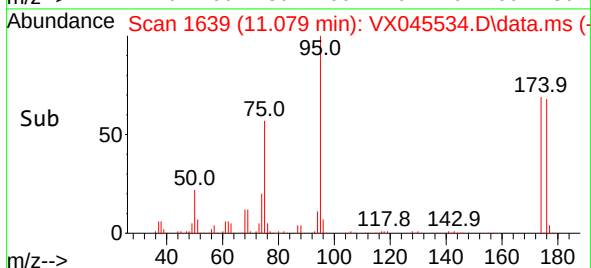
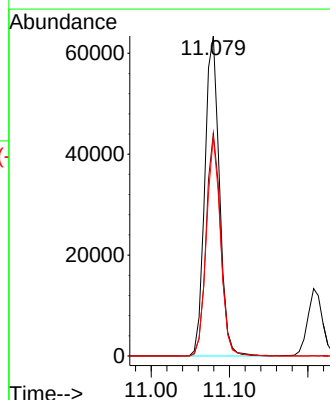
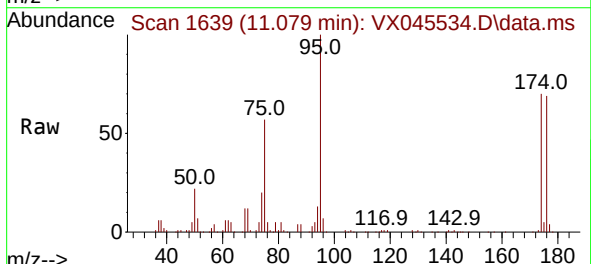
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

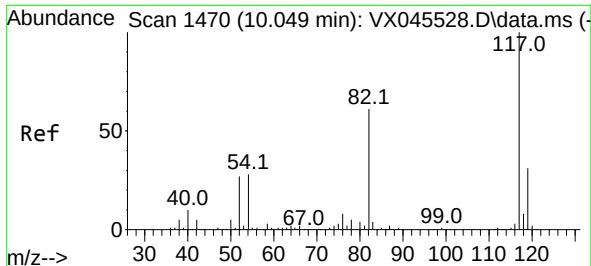
Tgt Ion:107 Resp: 66659
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 48.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 95 Resp: 81886
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 66.3 0.0 131.4

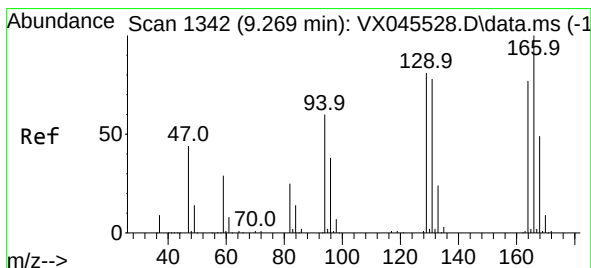
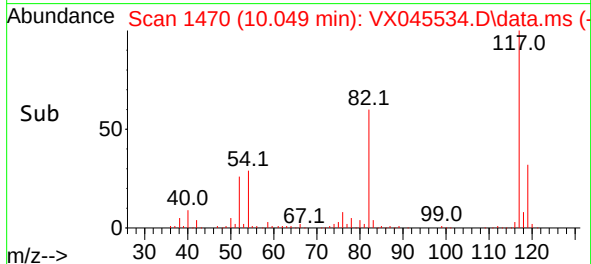
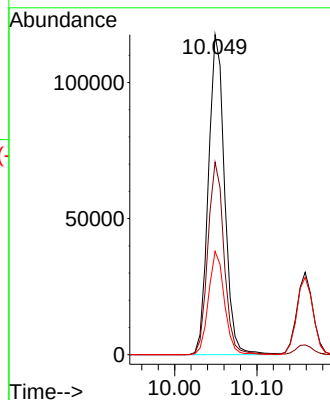
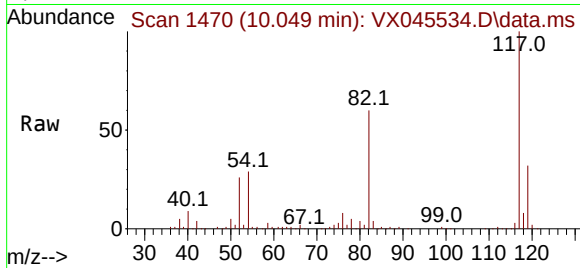




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

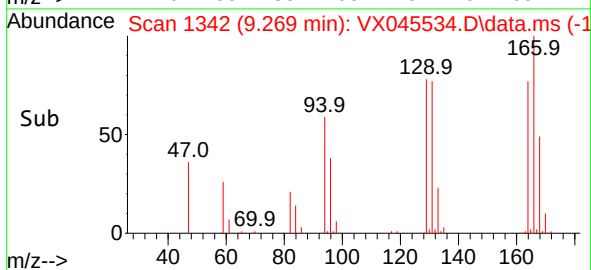
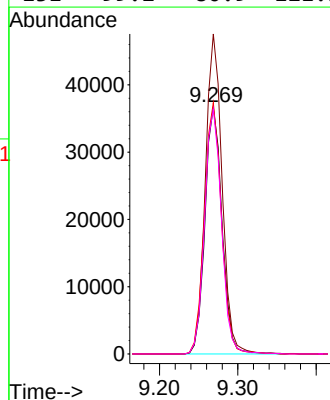
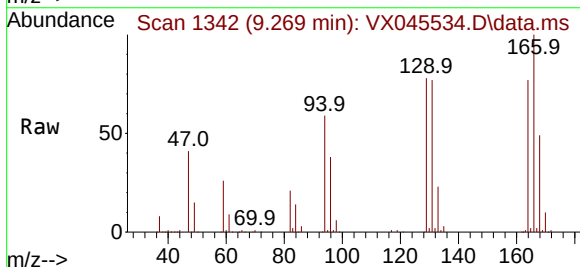
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

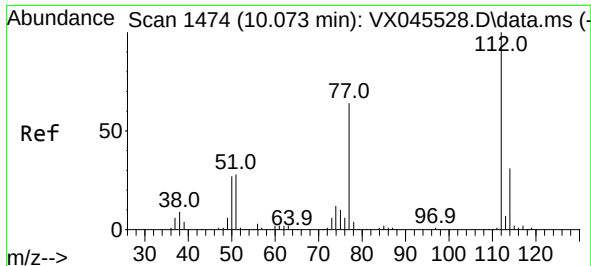
Tgt Ion:117 Resp: 160517
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 48.897 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion:164 Resp: 55415
Ion Ratio Lower Upper
164 100
166 129.6 103.8 155.8
129 101.7 84.3 126.5
131 99.2 80.9 121.3

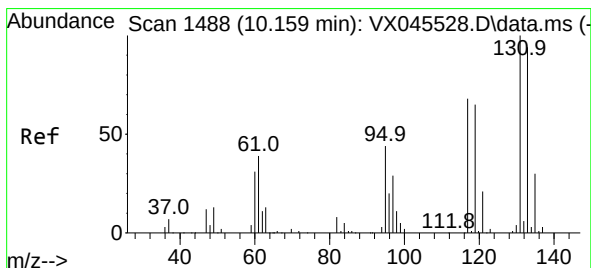
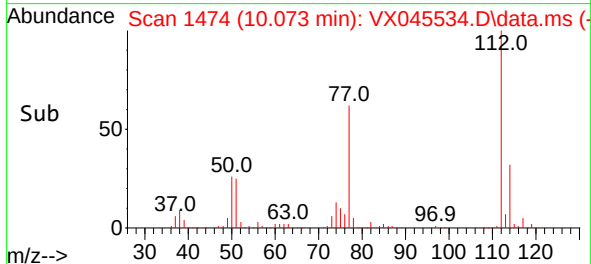
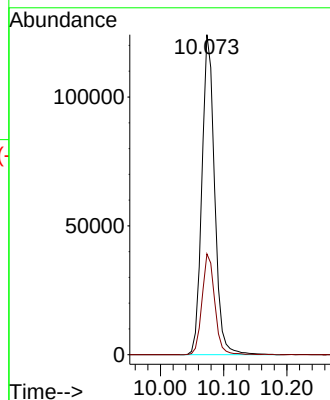
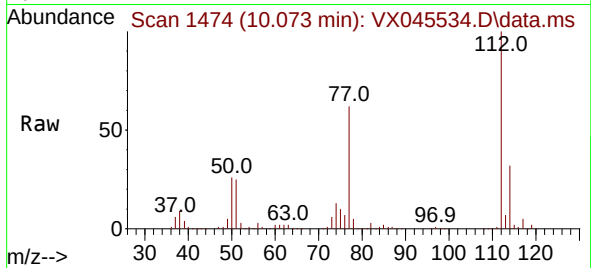




#65
Chlorobenzene
Concen: 50.688 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

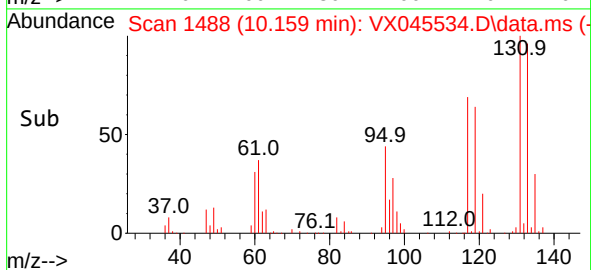
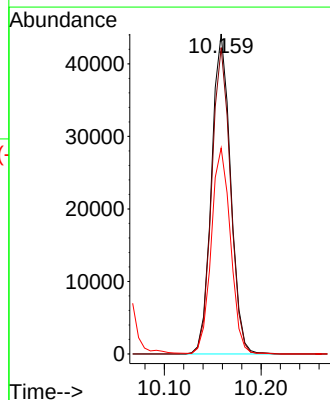
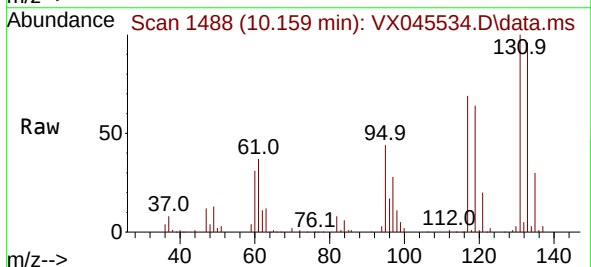
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

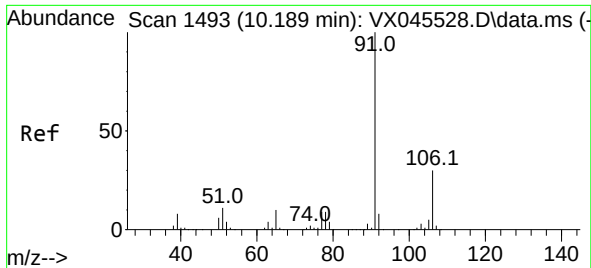
Tgt Ion:112 Resp: 173859
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.712 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion:131 Resp: 60389
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 65.0 32.9 98.6

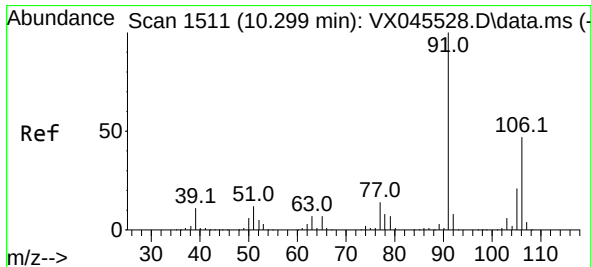
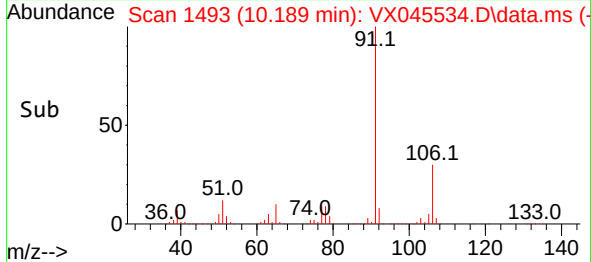
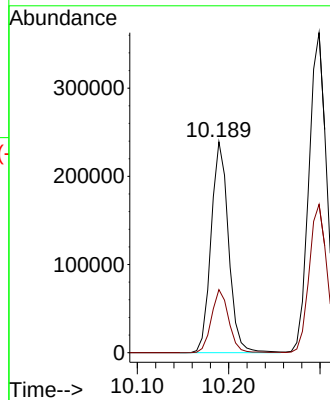
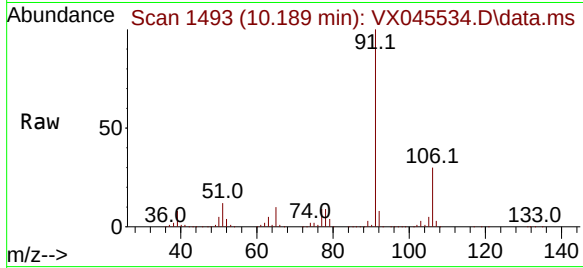




#67
Ethyl Benzene
Concen: 51.524 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

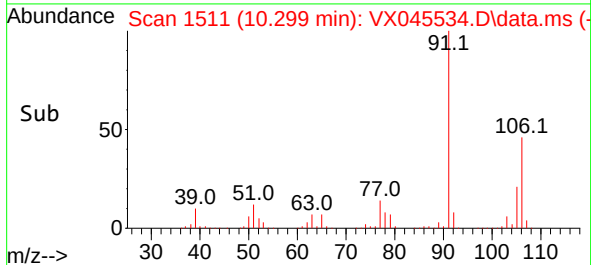
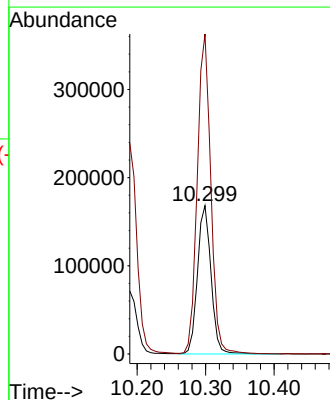
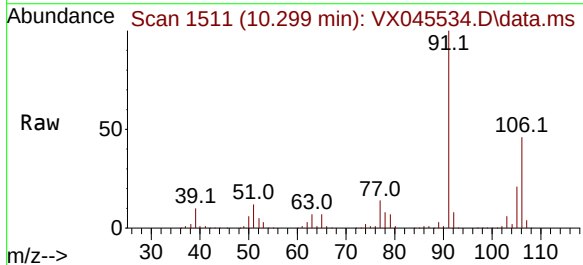
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

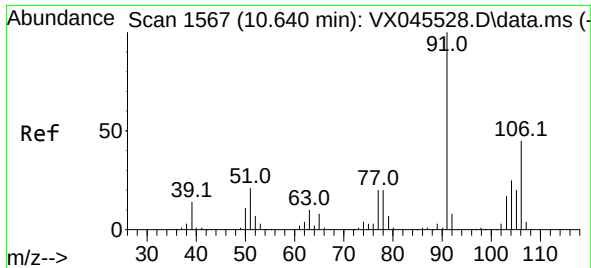
Tgt Ion: 91 Resp: 316517
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5



#68
m/p-Xylenes
Concen: 103.448 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 106 Resp: 231135
Ion Ratio Lower Upper
106 100
91 216.0 172.6 258.8

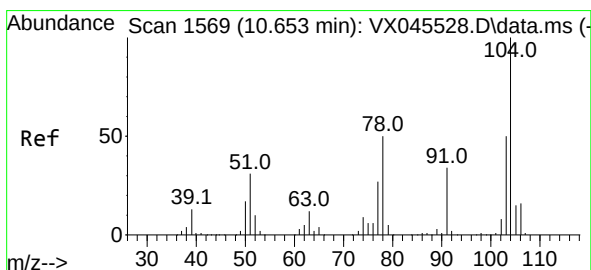
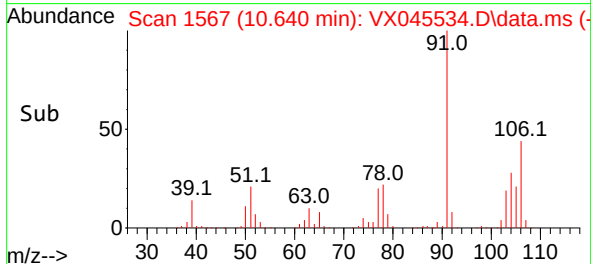
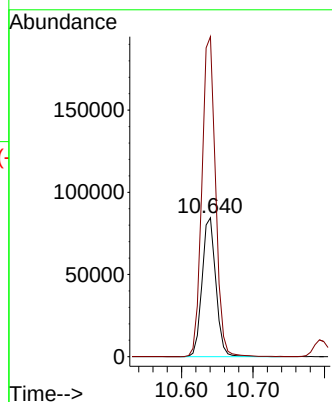
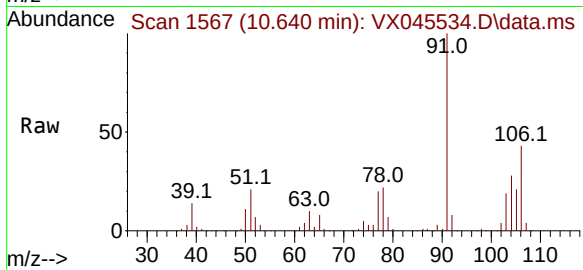




#69
o-Xylene
Concen: 51.320 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

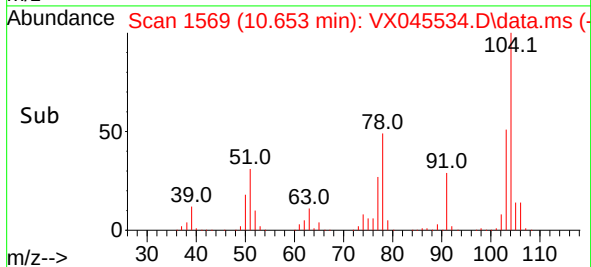
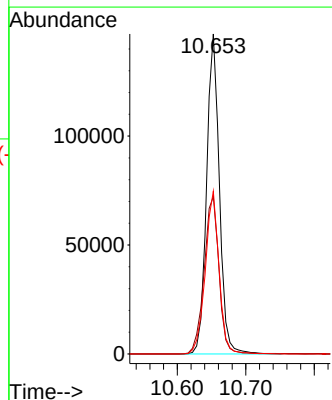
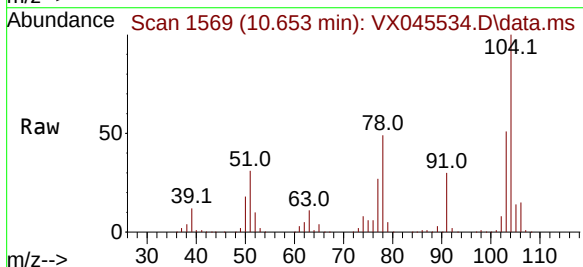
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

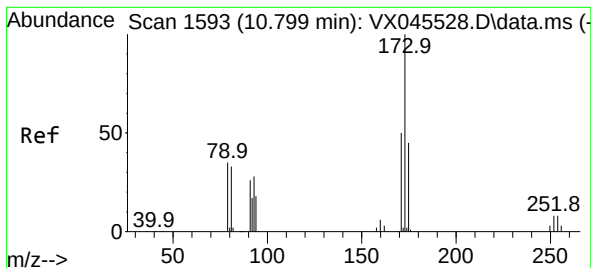
Tgt Ion:106 Resp: 112957
Ion Ratio Lower Upper
106 100
91 229.2 113.6 340.6



#70
Styrene
Concen: 52.502 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion:104 Resp: 190725
Ion Ratio Lower Upper
104 100
78 57.2 45.4 68.2
103 55.0 43.8 65.8





#71

Bromoform

Concen: 54.510 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

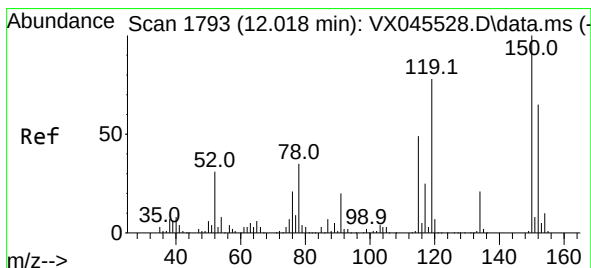
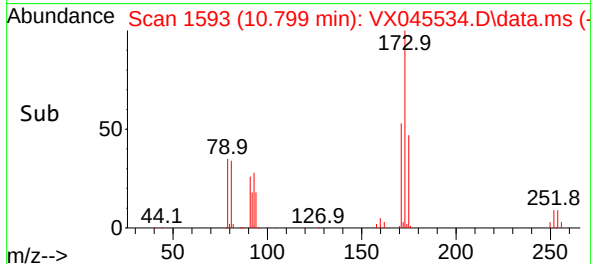
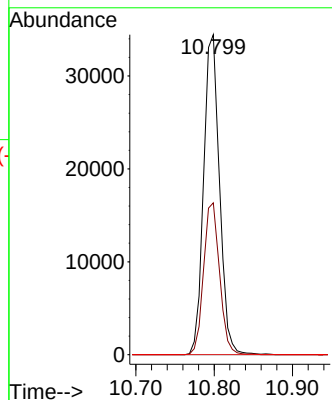
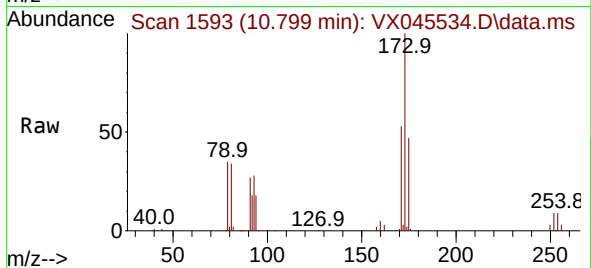
Tgt Ion:173 Resp: 48468

Ion Ratio Lower Upper

173 100

175 47.8 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

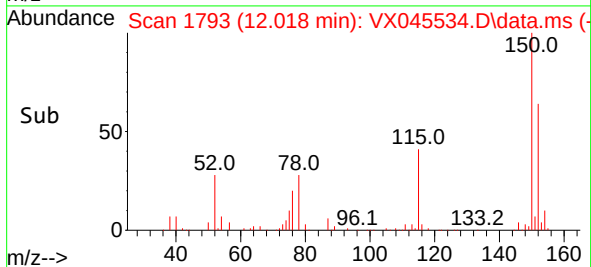
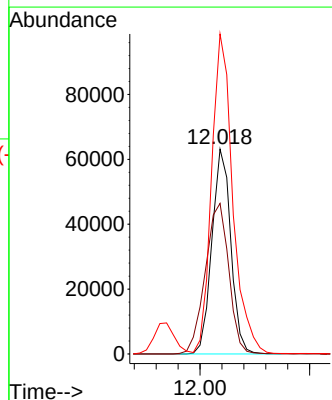
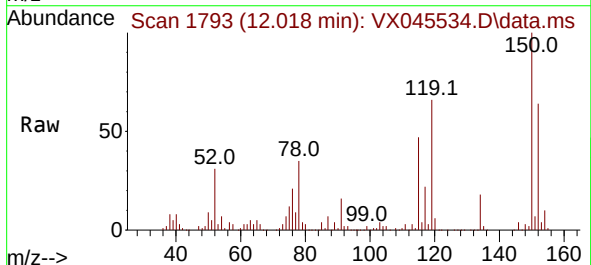
Tgt Ion:152 Resp: 75751

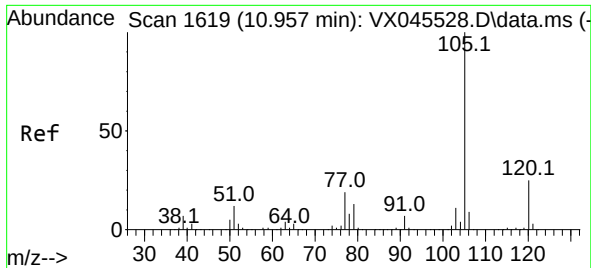
Ion Ratio Lower Upper

152 100

115 91.5 46.9 140.7

150 174.1 0.0 349.4

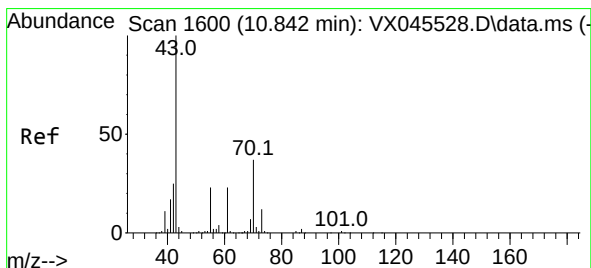
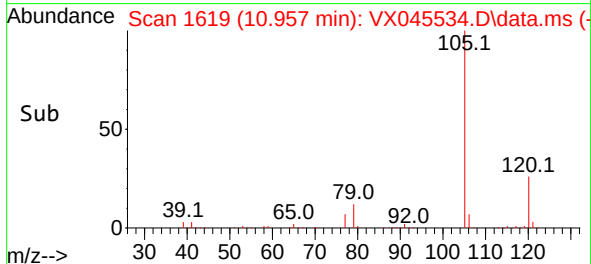
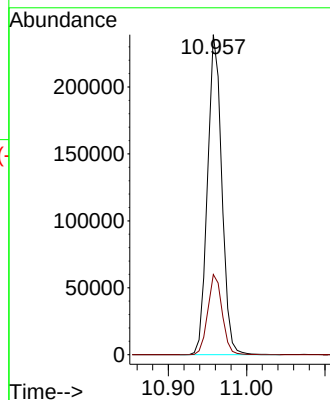
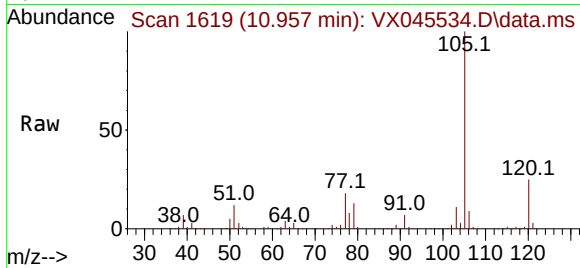




#73
Isopropylbenzene
Concen: 49.732 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

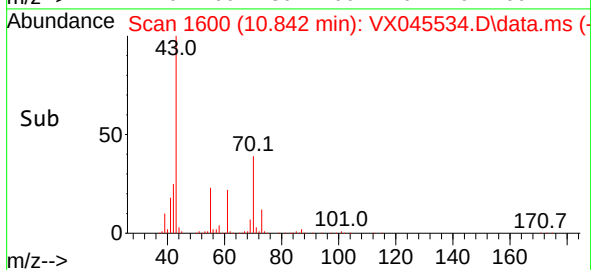
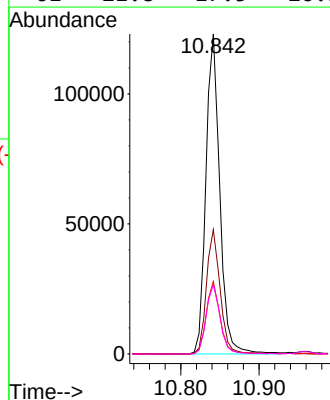
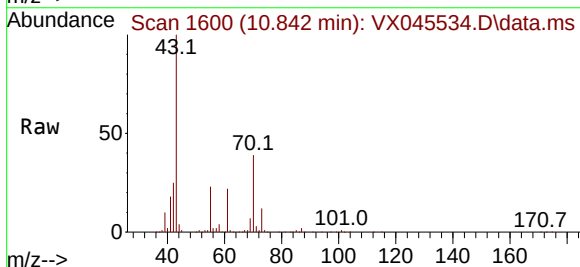
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

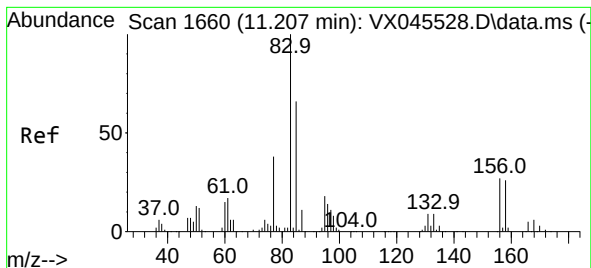
Tgt Ion:105 Resp: 301760
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0



#74
N-ethyl acetate
Concen: 52.034 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 43 Resp: 151028
Ion Ratio Lower Upper
43 100
70 38.6 30.1 45.1
55 22.8 18.3 27.5
61 21.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.750 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

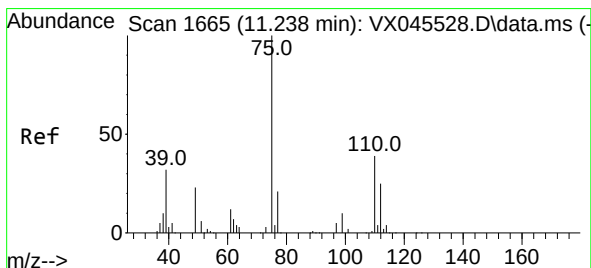
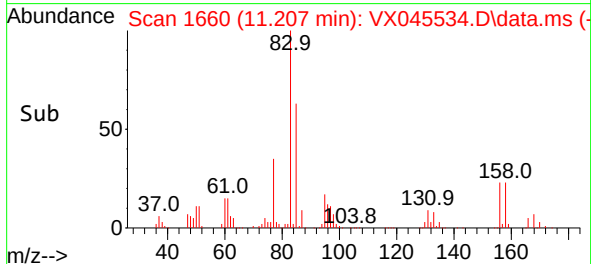
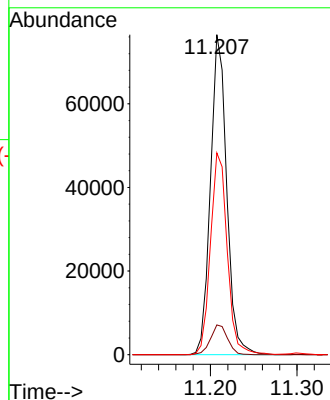
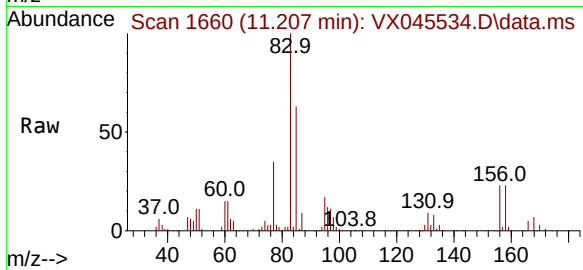
Tgt Ion: 83 Resp: 99649

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

85 65.0 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 60.199 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045534.D

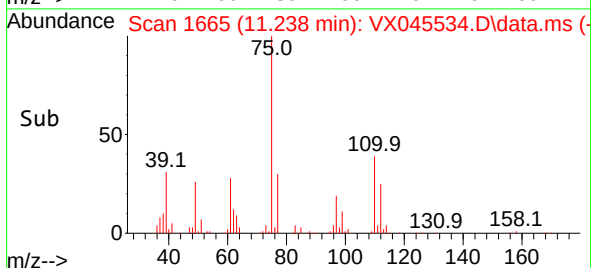
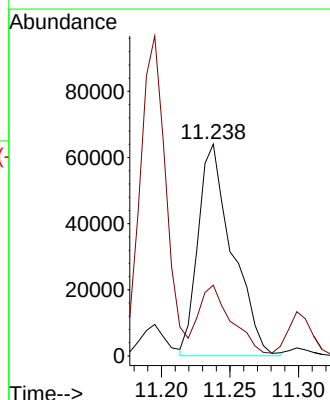
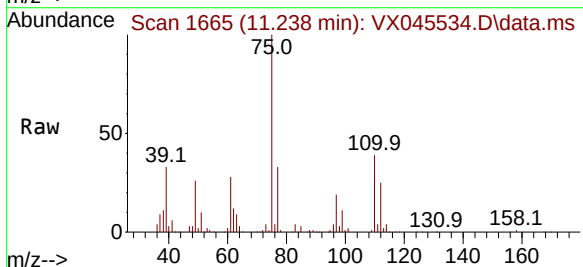
Acq: 02 Apr 2025 10:02

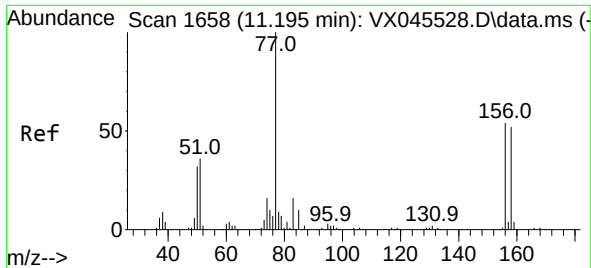
Tgt Ion: 75 Resp: 111232

Ion Ratio Lower Upper

75 100

77 32.2 20.0 59.9

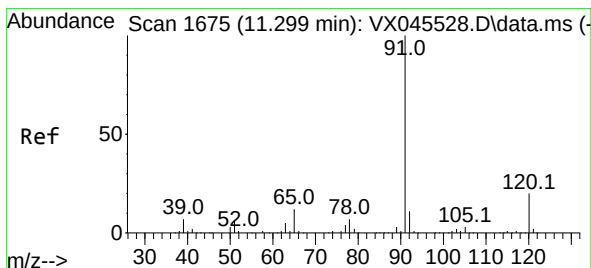
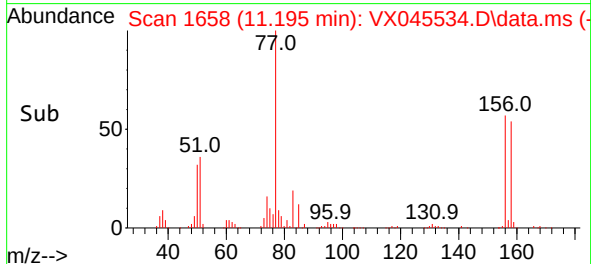
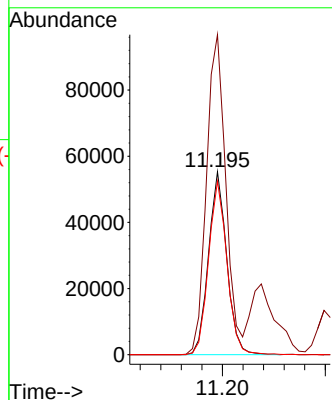
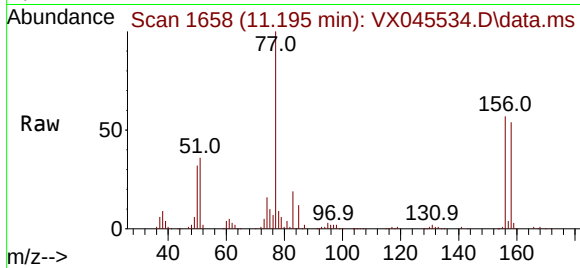




#77
Bromobenzene
Concen: 48.646 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

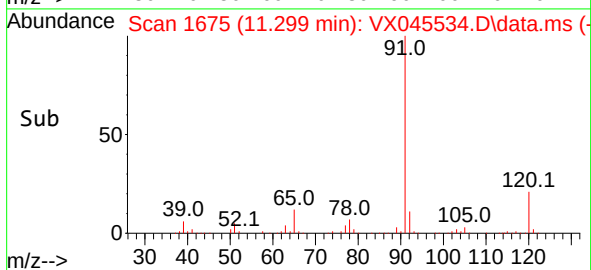
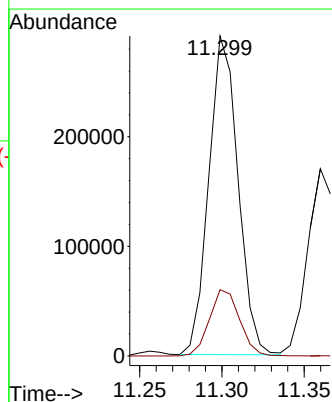
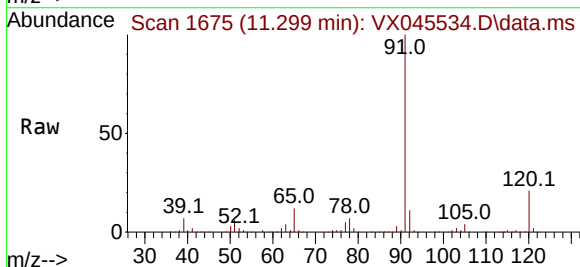
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

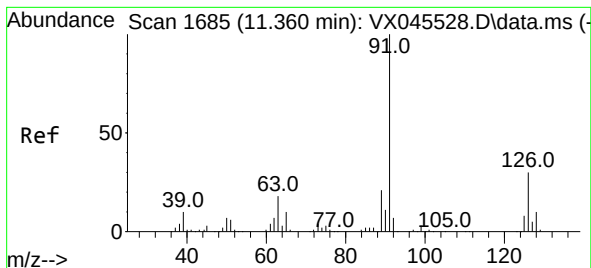
Tgt Ion:156 Resp: 68200
Ion Ratio Lower Upper
156 100
77 184.8 92.6 277.8
158 96.1 48.1 144.4



#78
n-propylbenzene
Concen: 51.385 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 91 Resp: 359128
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





#79

2-Chlorotoluene

Concen: 48.421 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

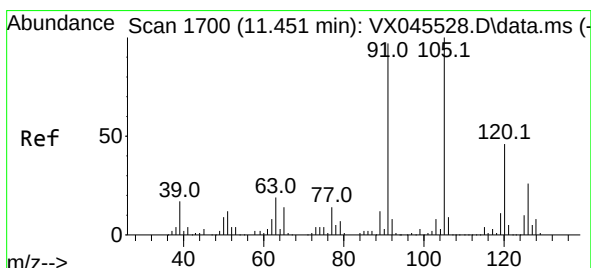
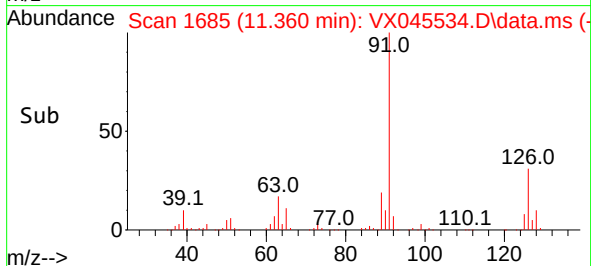
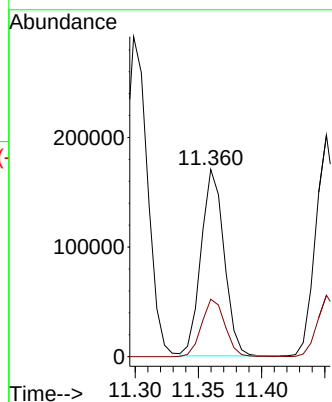
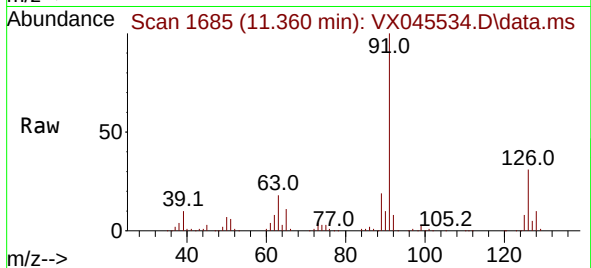
VSTDCCC050

Tgt Ion: 91 Resp: 216348

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 50.571 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045534.D

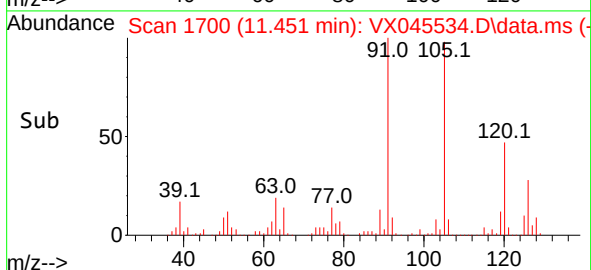
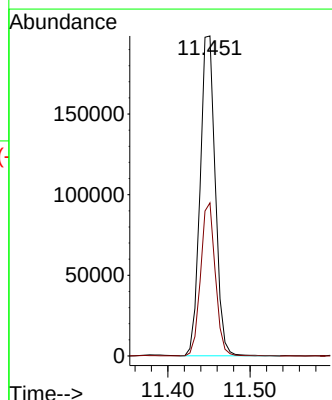
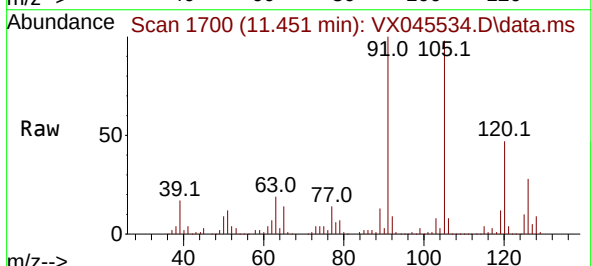
Acq: 02 Apr 2025 10:02

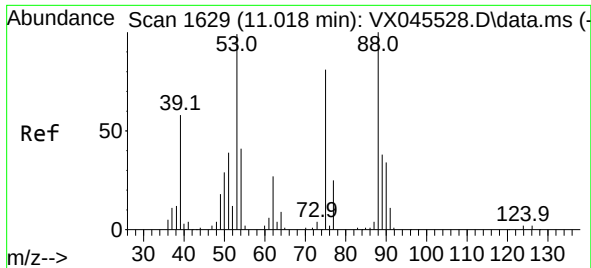
Tgt Ion: 105 Resp: 253739

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

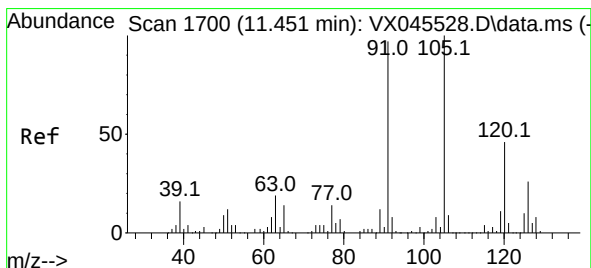
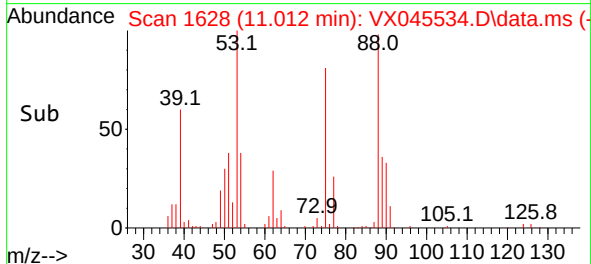
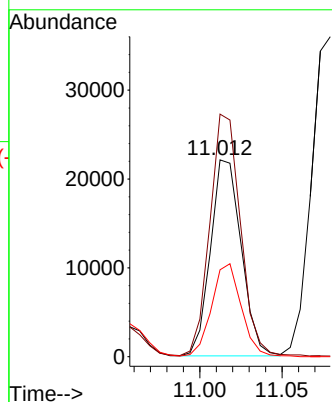
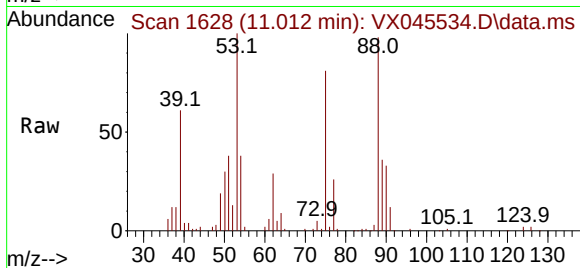




#81
trans-1,4-Dichloro-2-butene
Concen: 52.754 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

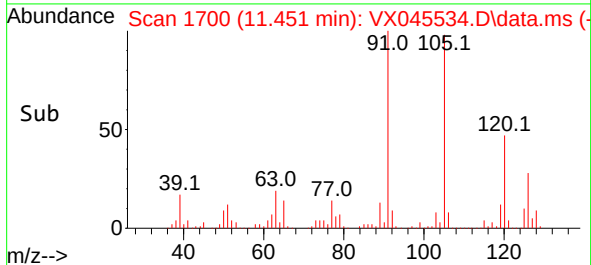
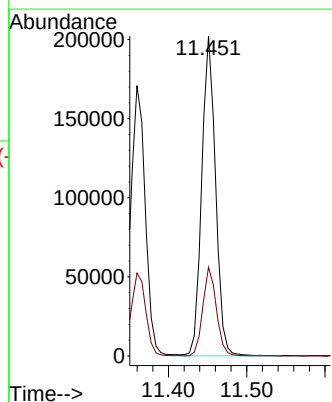
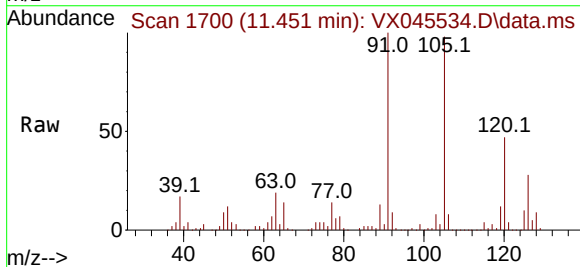
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

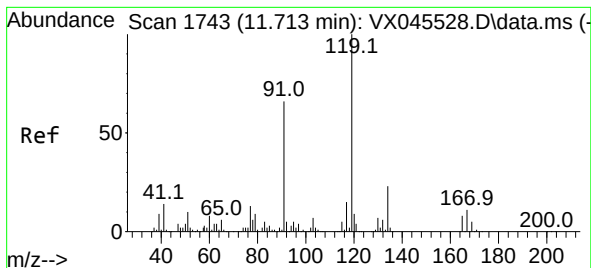
Tgt Ion: 75 Resp: 28721
Ion Ratio Lower Upper
75 100
53 122.9 101.8 152.6
89 45.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.590 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 91 Resp: 247039
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 50.574 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

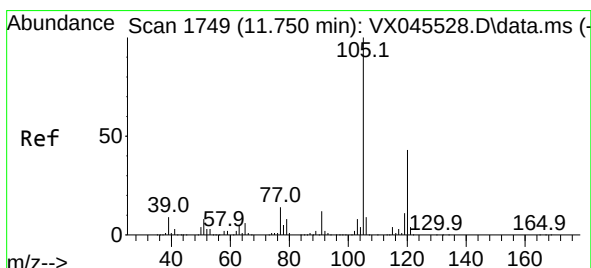
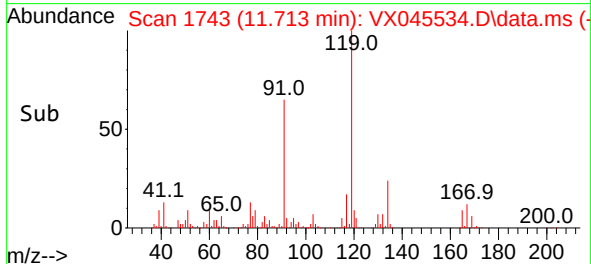
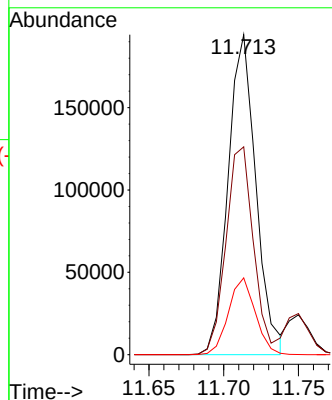
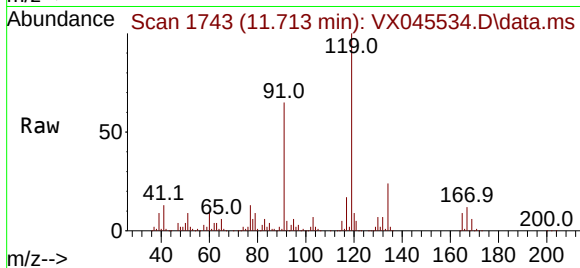
Tgt Ion:119 Resp: 251225

Ion Ratio Lower Upper

119 100

91 63.9 32.4 97.2

134 23.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 50.496 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045534.D

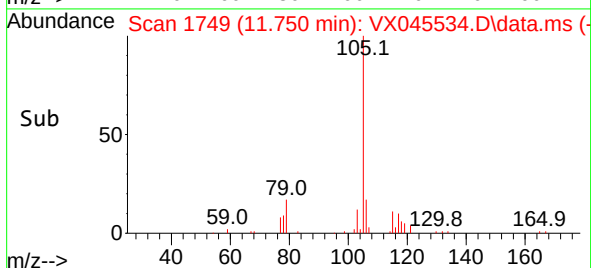
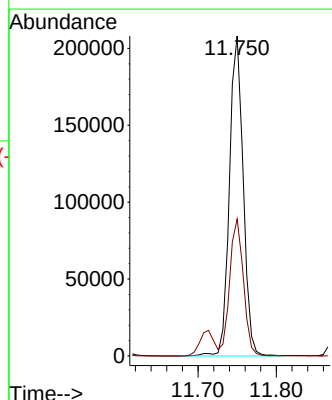
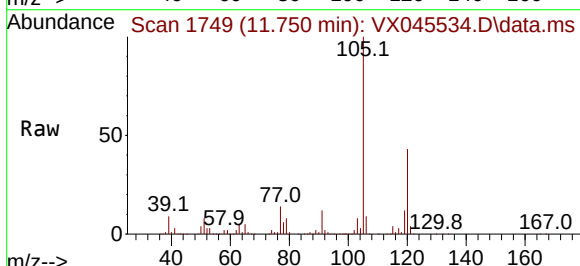
Acq: 02 Apr 2025 10:02

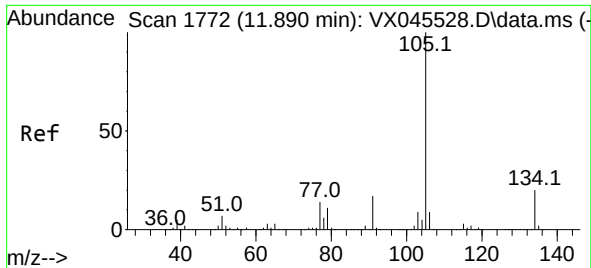
Tgt Ion:105 Resp: 254295

Ion Ratio Lower Upper

105 100

120 42.7 21.4 64.3

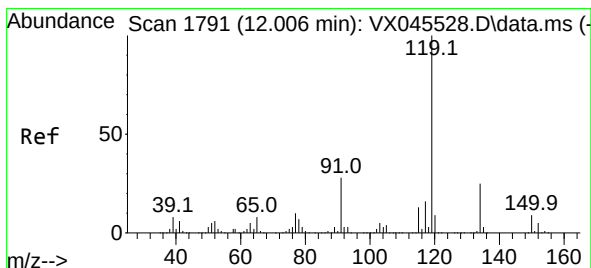
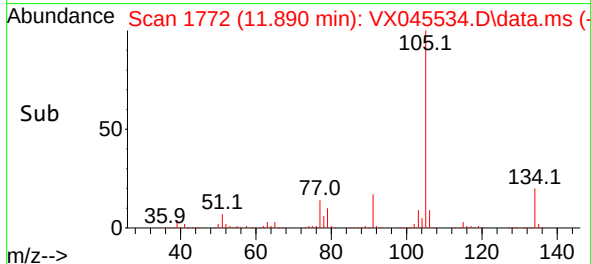
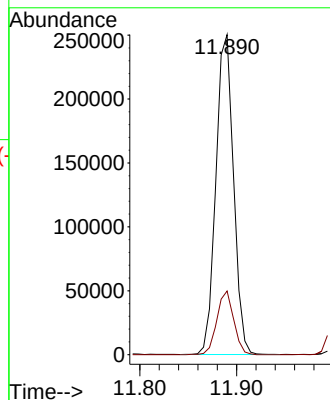
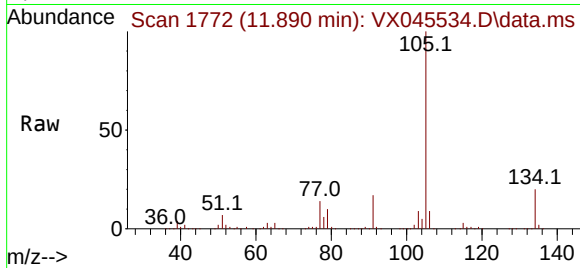




#85
 sec-Butylbenzene
 Concen: 51.807 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045534.D
 Acq: 02 Apr 2025 10:02

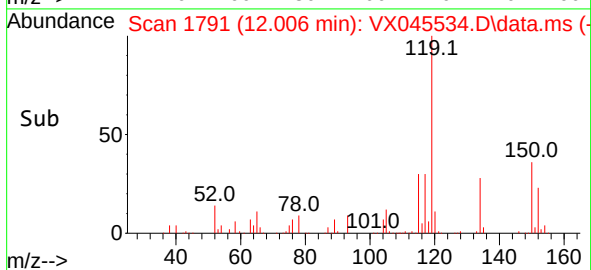
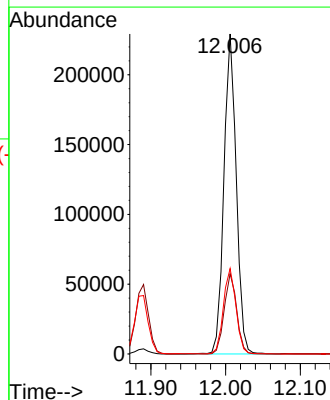
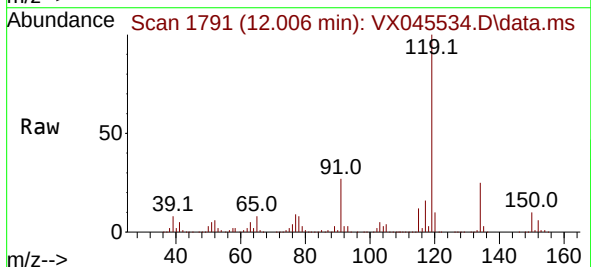
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

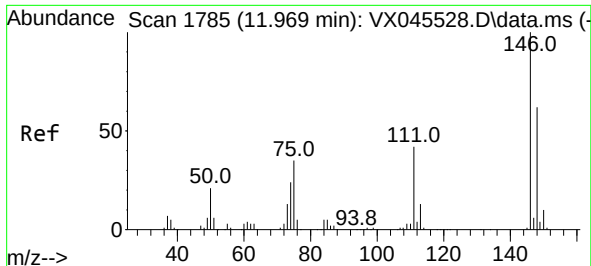
Tgt Ion:105 Resp: 316086
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 52.197 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045534.D
 Acq: 02 Apr 2025 10:02

Tgt Ion:119 Resp: 262553
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 27.2 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 49.492 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

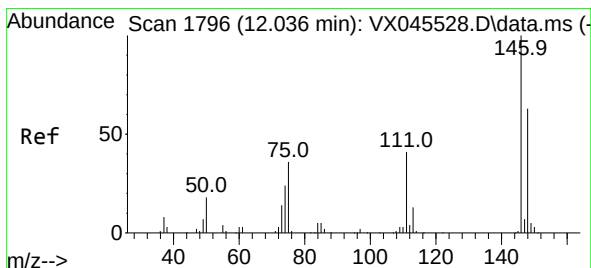
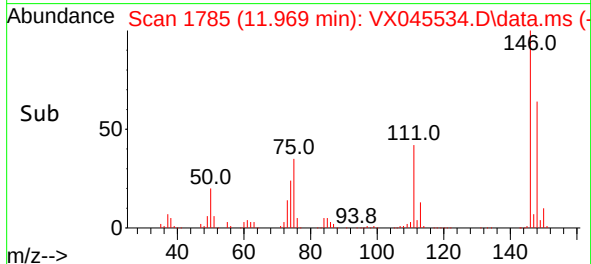
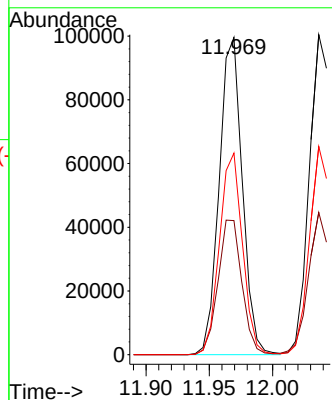
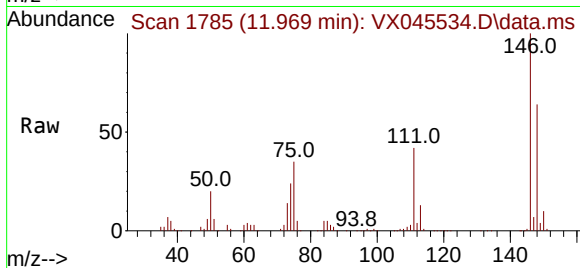
Tgt Ion:146 Resp: 126303

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.917 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

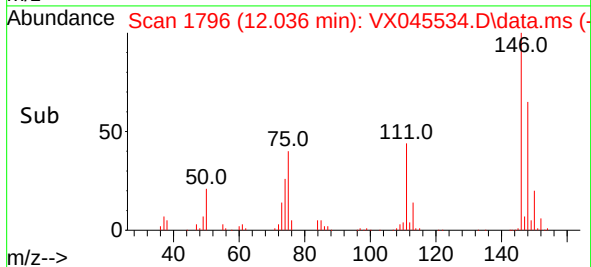
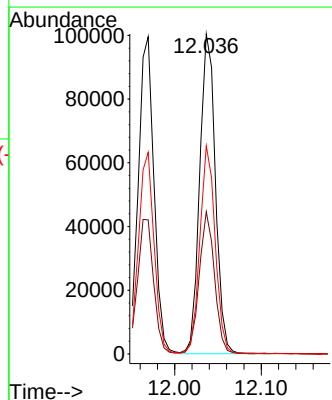
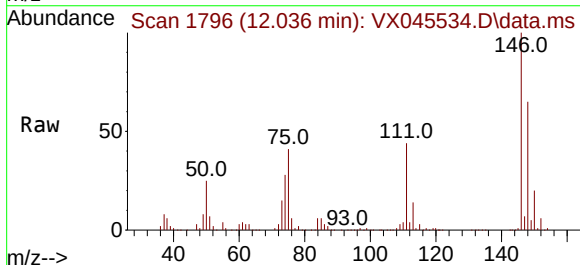
Tgt Ion:146 Resp: 126559

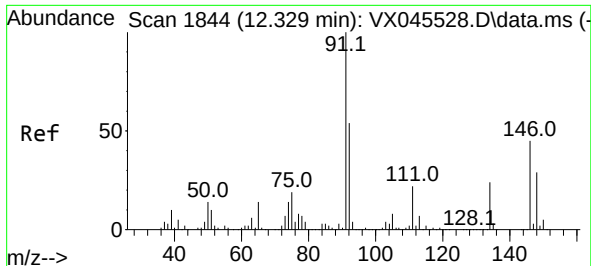
Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

148 63.2 31.5 94.5





#89

n-Butylbenzene

Concen: 55.679 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

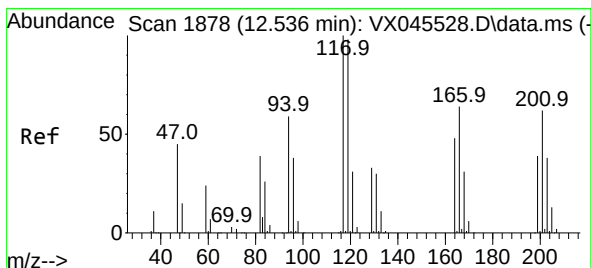
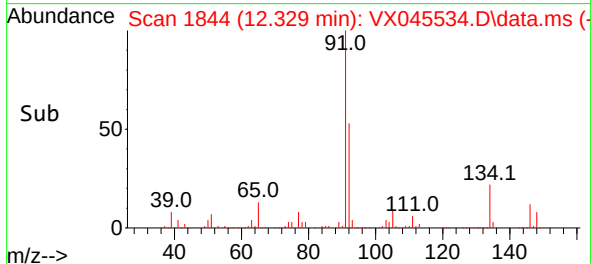
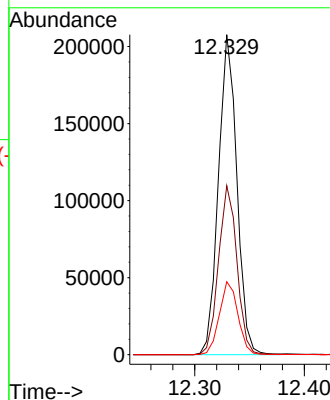
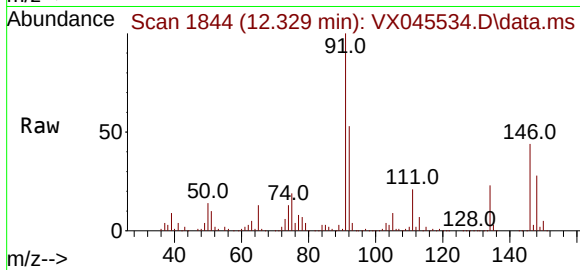
Tgt Ion: 91 Resp: 242867

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

134 23.1 11.9 35.7



#90

Hexachloroethane

Concen: 53.467 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045534.D

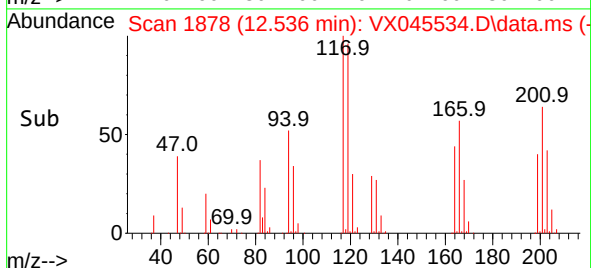
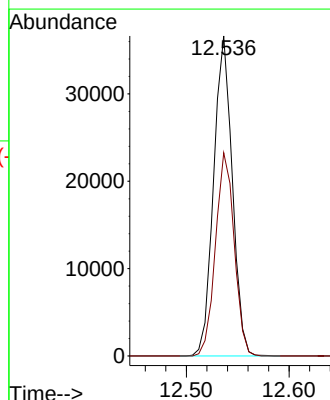
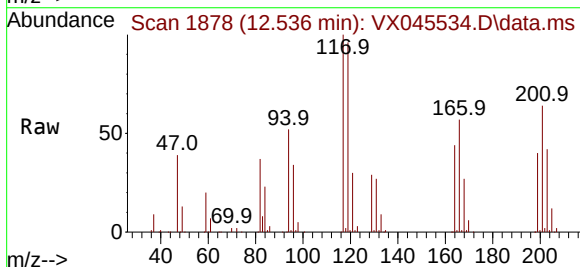
Acq: 02 Apr 2025 10:02

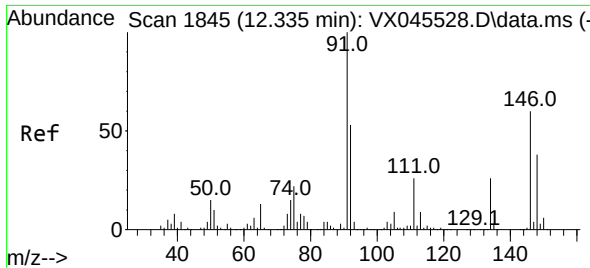
Tgt Ion: 117 Resp: 46220

Ion Ratio Lower Upper

117 100

201 63.7 31.2 93.6

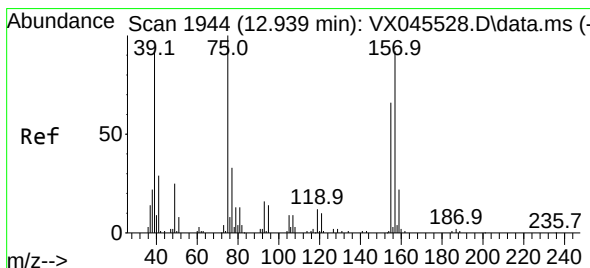
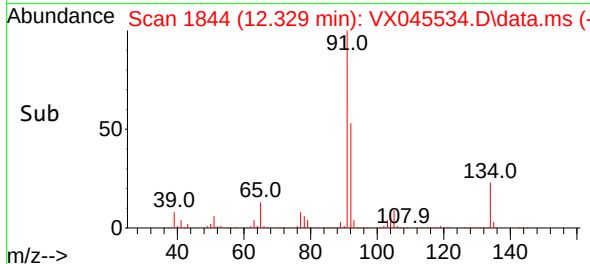
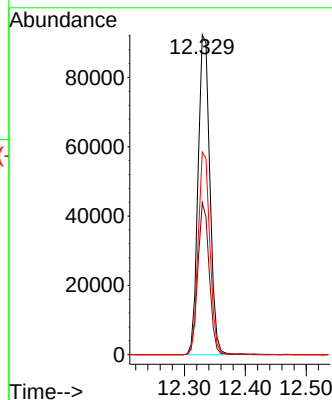
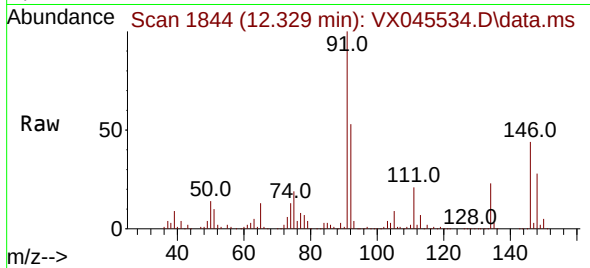




#91
1,2-Dichlorobenzene
Concen: 49.021 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

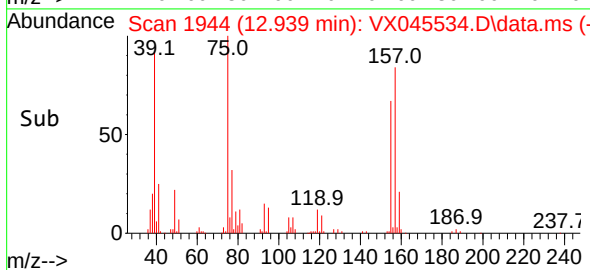
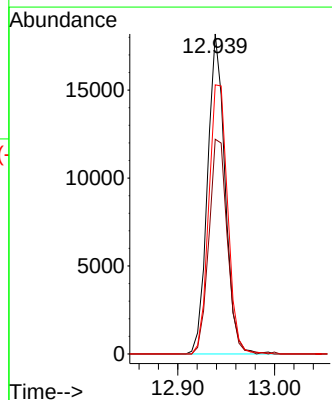
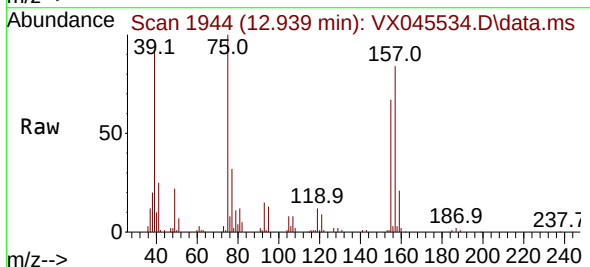
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

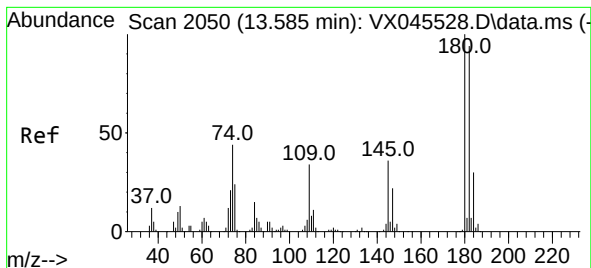
Tgt Ion:146 Resp: 124379
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.8
148 62.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.629 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045534.D
Acq: 02 Apr 2025 10:02

Tgt Ion: 75 Resp: 23015
Ion Ratio Lower Upper
75 100
155 70.3 34.9 104.7
157 90.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.758 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

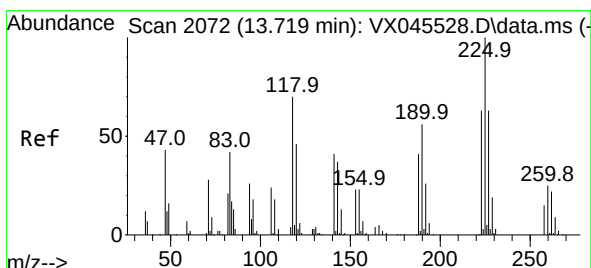
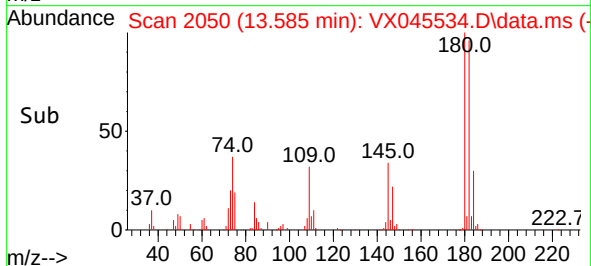
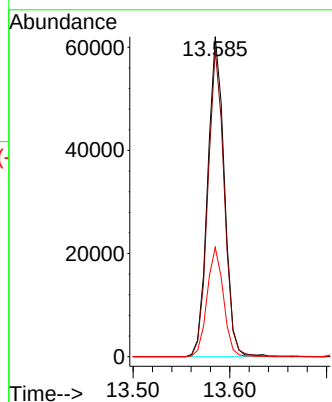
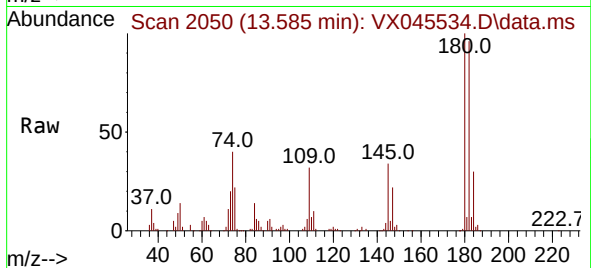
Tgt Ion:180 Resp: 74511

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.6

145 33.4 17.9 53.8



#94

Hexachlorobutadiene

Concen: 52.078 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

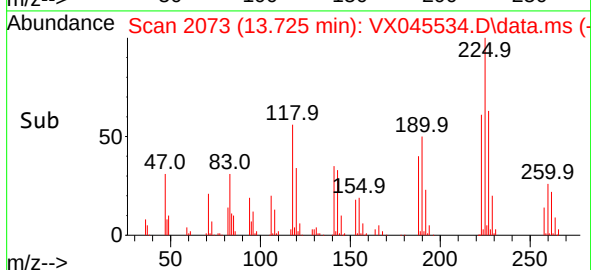
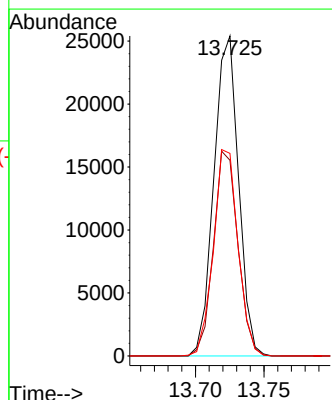
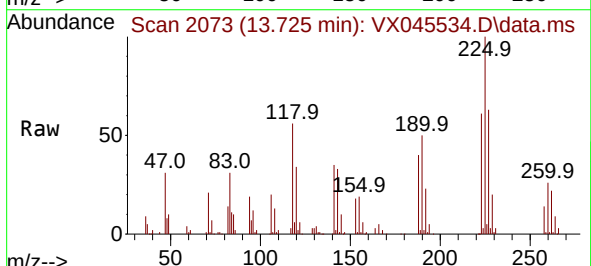
Tgt Ion:225 Resp: 31694

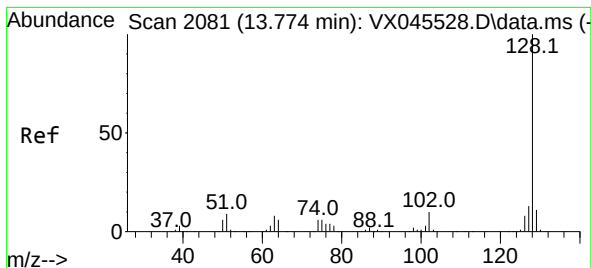
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.3

227 64.6 32.2 96.6





#95

Naphthalene

Concen: 50.832 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

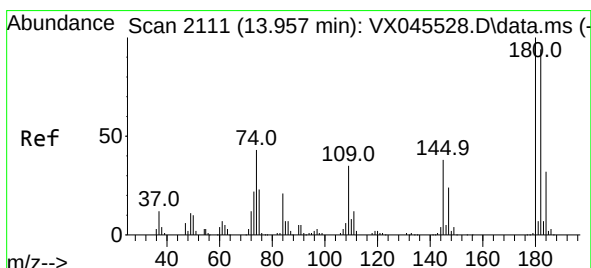
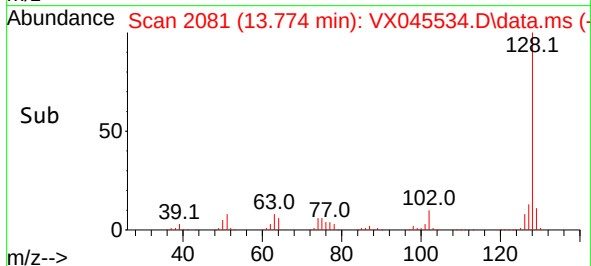
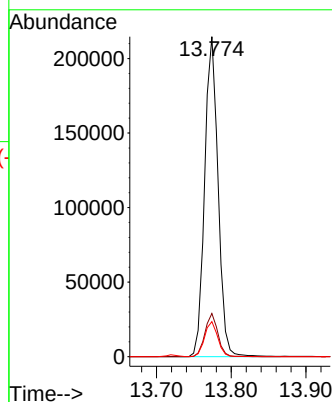
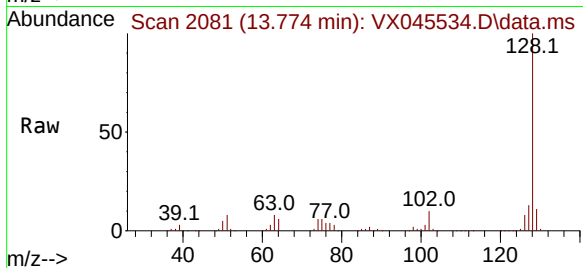
Tgt Ion:128 Resp: 267161

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.352 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045534.D

Acq: 02 Apr 2025 10:02

Tgt Ion:180 Resp: 75942

Ion Ratio Lower Upper

180 100

182 93.0 47.3 141.8

145 35.5 18.2 54.6

