

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043188.D
 Acq On : 26 Sep 2024 19:03
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 27 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80497	51.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.620%	
35) Dibromofluoromethane	5.385	113	60645	50.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.647	98	202590	50.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	11.079	95	76237	46.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49934	49.579	ug/l	97
3) Chloromethane	1.301	50	47262	45.963	ug/l	95
4) Vinyl Chloride	1.374	62	52576	50.337	ug/l	97
5) Bromomethane	1.599	94	21165	35.222	ug/l	97
6) Chloroethane	1.666	64	22629	33.838	ug/l	98
7) Trichlorofluoromethane	1.874	101	91000	49.084	ug/l	98
8) Diethyl Ether	2.136	74	34930	56.116	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	55979	53.495	ug/l	99
10) Methyl Iodide	2.447	142	67483	54.258	ug/l	99
11) Tert butyl alcohol	2.989	59	85897	245.237	ug/l	100
12) 1,1-Dichloroethene	2.313	96	52315	52.266	ug/l	99
13) Acrolein	2.239	56	10387	225.091	ug/l	95
14) Allyl chloride	2.660	41	90106	48.481	ug/l	99
15) Acrylonitrile	3.069	53	168378	277.131	ug/l	99
16) Acetone	2.392	43	150689	205.399	ug/l	100
17) Carbon Disulfide	2.502	76	106795	42.924	ug/l	99
18) Methyl Acetate	2.709	43	123490	62.538	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	214475	56.236	ug/l	99
20) Methylene Chloride	2.788	84	60673	51.982	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	53481	51.638	ug/l	97
22) Diisopropyl ether	3.764	45	196704	56.522	ug/l	96
23) Vinyl Acetate	3.721	43	1124923	274.783	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110676	55.005	ug/l	98
25) 2-Butanone	4.562	43	241448	255.308	ug/l	98
26) 2,2-Dichloropropane	4.471	77	98675	48.453	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	69995	54.288	ug/l	99
28) Bromochloromethane	4.898	49	46726	52.755	ug/l	99
29) Tetrahydrofuran	5.007	42	154579	271.789	ug/l	99
30) Chloroform	5.093	83	121582	54.802	ug/l	99
31) Cyclohexane	5.465	56	81163	52.609	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	110928	52.784	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74770	51.093	ug/l	98
37) Ethyl Acetate	4.721	43	92761	50.464	ug/l	100
38) Carbon Tetrachloride	5.672	117	91461	48.517	ug/l	97
39) Methylcyclohexane	7.379	83	90499	49.276	ug/l	99
40) Benzene	6.038	78	230211	53.312	ug/l	99

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 ClientSampleId :
 VSTDCCC050EC

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52567	57.524	ug/l	99
42) 1,2-Dichloroethane	6.086	62	97402	53.122	ug/l	100
43) Isopropyl Acetate	6.342	43	159174	51.844	ug/l	99
44) Trichloroethene	7.123	130	59416	50.288	ug/l	100
45) 1,2-Dichloropropane	7.428	63	59631	55.441	ug/l	99
46) Dibromomethane	7.580	93	47174	52.087	ug/l	98
47) Bromodichloromethane	7.824	83	97545	51.795	ug/l	99
48) Methyl methacrylate	7.696	41	78213	51.865	ug/l	98
49) 1,4-Dioxane	7.665	88	29387	1032.275	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	492803	261.276	ug/l	99
52) Toluene	8.720	92	144338	51.903	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	94858	49.066	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99054	51.304	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62104	54.239	ug/l	99
56) Ethyl methacrylate	9.116	69	105721	53.061	ug/l	100
57) 1,3-Dichloropropane	9.305	76	103152	52.967	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	239377	297.134	ug/l	99
59) 2-Hexanone	9.433	43	375807	254.816	ug/l	100
60) Dibromochloromethane	9.519	129	74283	49.678	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64389	51.395	ug/l	100
64) Tetrachloroethene	9.275	164	49824	47.960	ug/l	98
65) Chlorobenzene	10.080	112	161358	52.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	61878	54.237	ug/l	98
67) Ethyl Benzene	10.195	91	286920	53.626	ug/l	100
68) m/p-Xylenes	10.299	106	210434	105.686	ug/l	99
69) o-Xylene	10.640	106	106323	53.239	ug/l	97
70) Styrene	10.653	104	178838	53.685	ug/l	98
71) Bromoform	10.799	173	48213	48.048	ug/l #	99
73) Isopropylbenzene	10.964	105	276779	55.330	ug/l	100
74) N-amyl acetate	10.842	43	136442	58.052	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	94795	58.891	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107934	76.111	ug/l	83
77) Bromobenzene	11.195	156	65974	54.938	ug/l	98
78) n-propylbenzene	11.305	91	312638	55.087	ug/l	99
79) 2-Chlorotoluene	11.366	91	193505	54.360	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226937	54.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29907	50.247	ug/l	100
82) 4-Chlorotoluene	11.451	91	220052	54.084	ug/l	100
83) tert-Butylbenzene	11.713	119	239945	56.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229128	55.646	ug/l	99
85) sec-Butylbenzene	11.890	105	286392	54.639	ug/l	100
86) p-Isopropyltoluene	12.006	119	237482	54.573	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118610	54.169	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	118872	54.138	ug/l	98
89) n-Butylbenzene	12.329	91	200568	52.886	ug/l	99
90) Hexachloroethane	12.536	117	46288	53.374	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119243	55.298	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23778	54.637	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	71077	53.165	ug/l	98
94) Hexachlorobutadiene	13.725	225	27175	48.380	ug/l	99
95) Naphthalene	13.774	128	268561	57.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74930	56.411	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

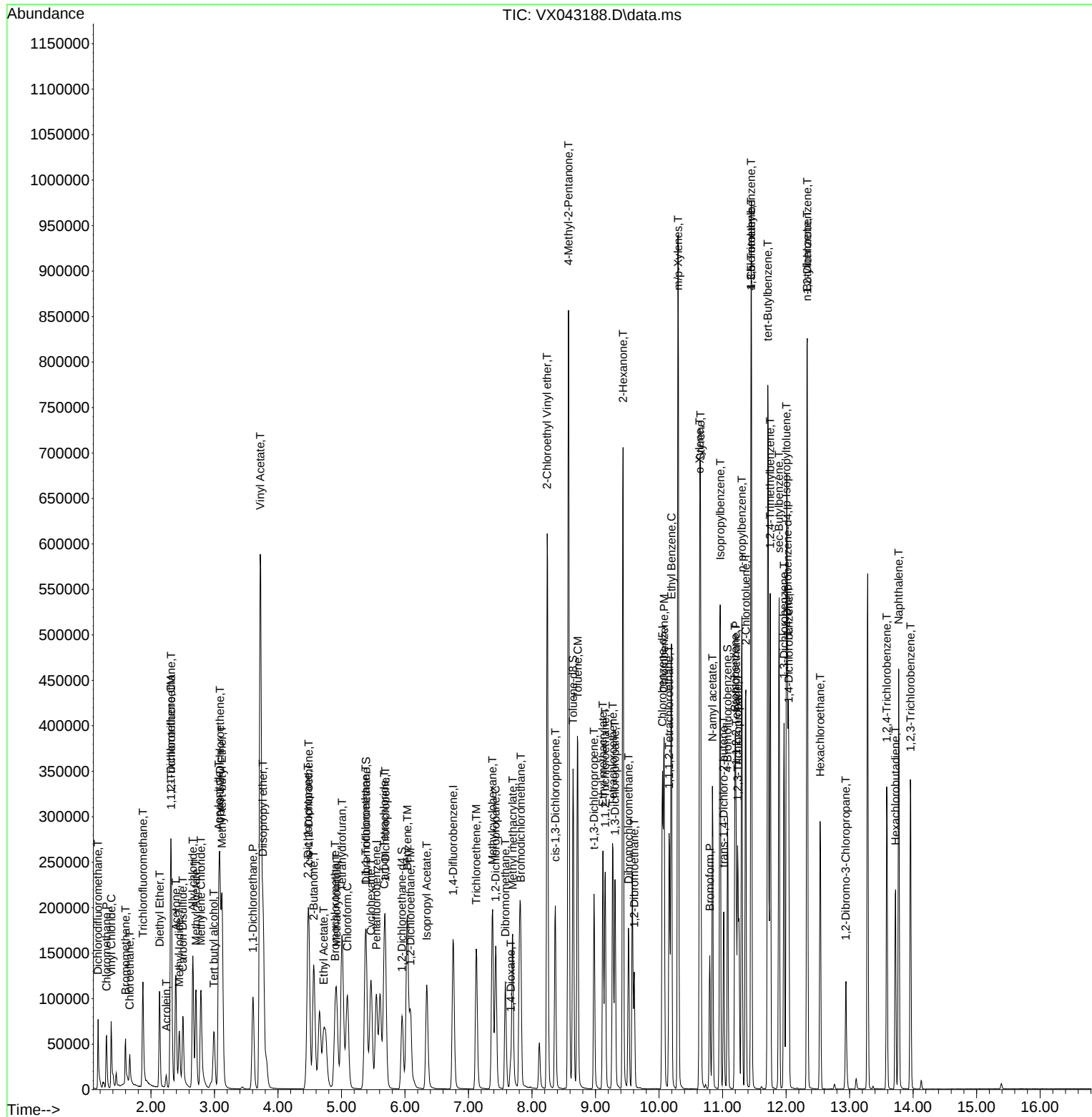
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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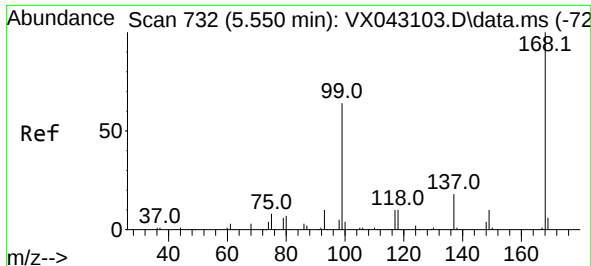
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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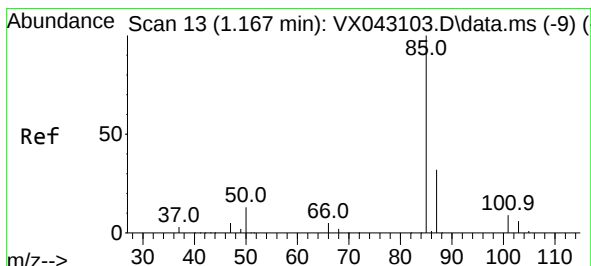
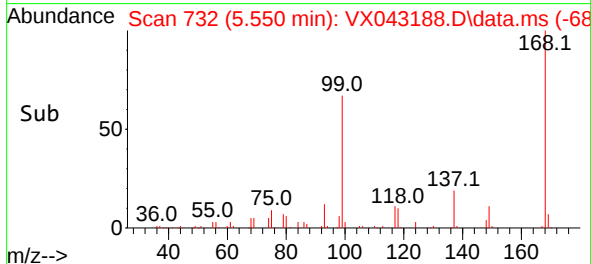
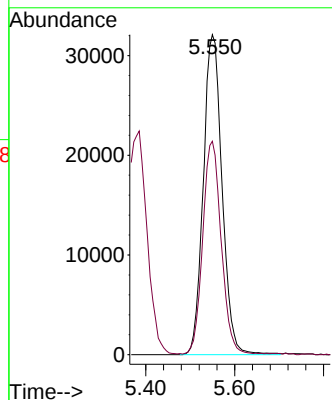
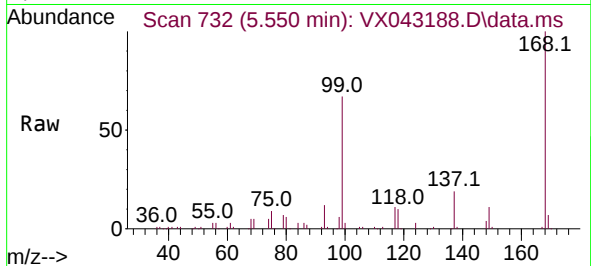




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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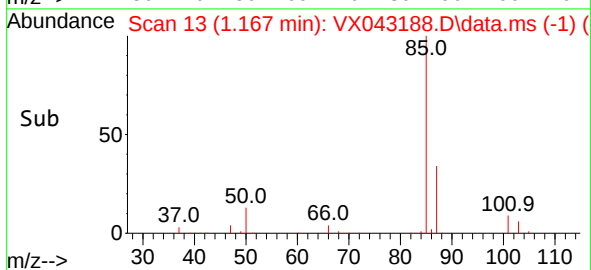
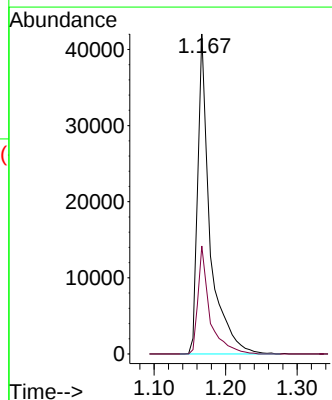
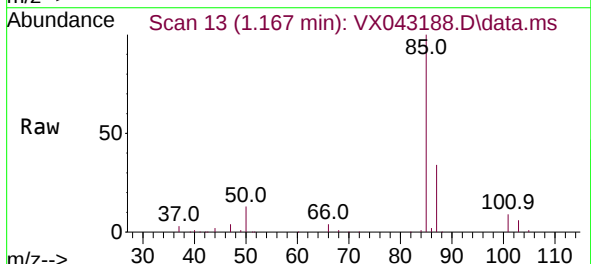
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

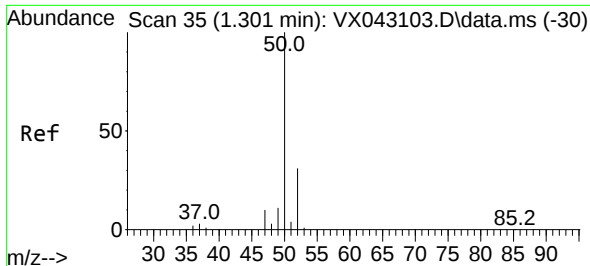
Tgt Ion:168 Resp: 94443
Ion Ratio Lower Upper
168 100
99 66.3 50.8 76.2



#2
Dichlorodifluoromethane
Concen: 49.579 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 85 Resp: 49934
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

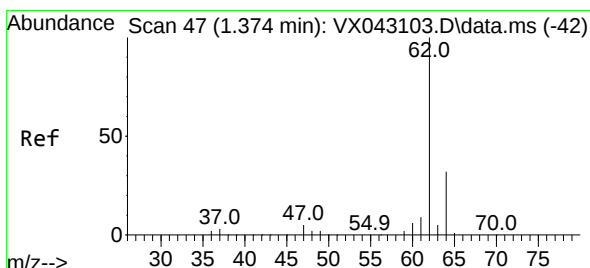
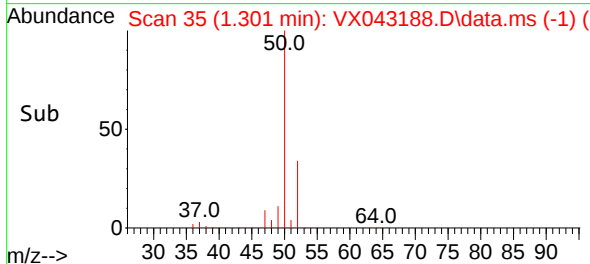
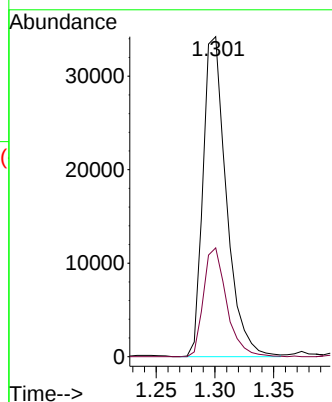
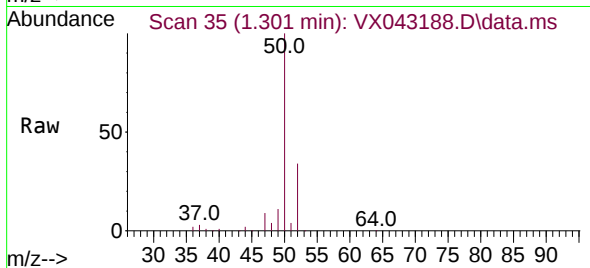




#3
Chloromethane
Concen: 45.963 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

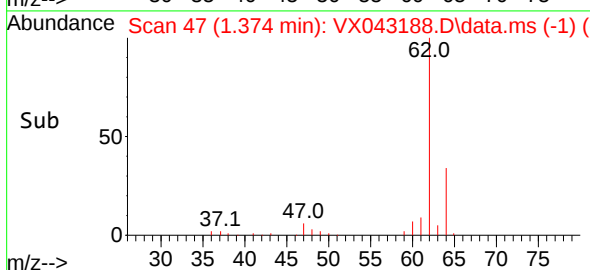
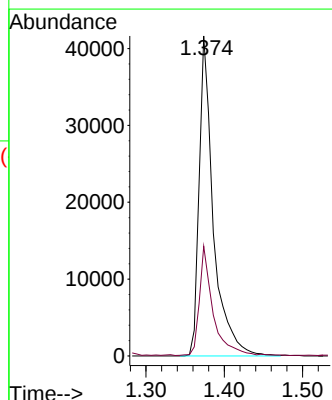
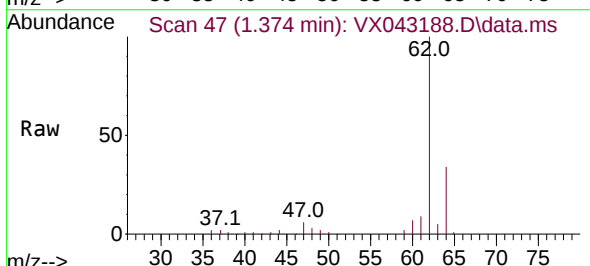
Instrument :
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ClientSampleId :
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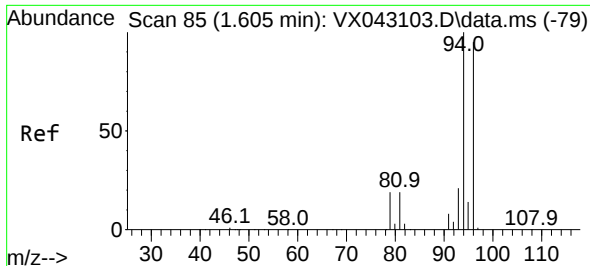
Tgt Ion: 50 Resp: 47262
Ion Ratio Lower Upper
50 100
52 34.0 25.1 37.7



#4
Vinyl Chloride
Concen: 50.337 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 62 Resp: 52576
Ion Ratio Lower Upper
62 100
64 34.1 26.0 39.0

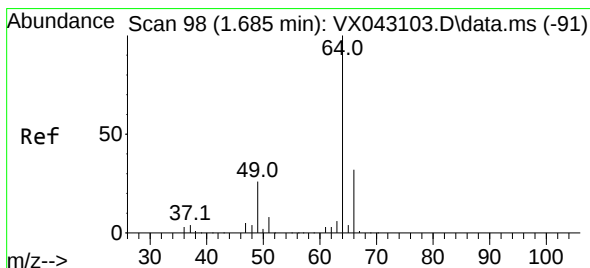
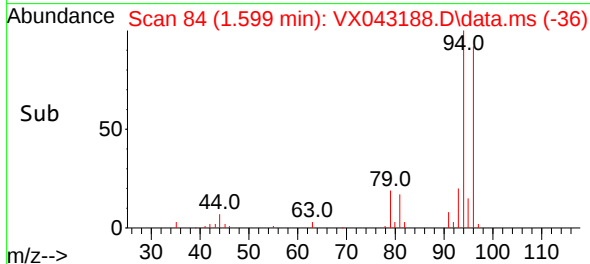
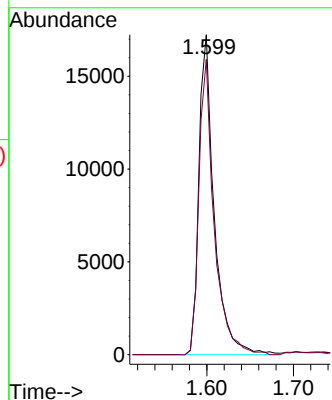
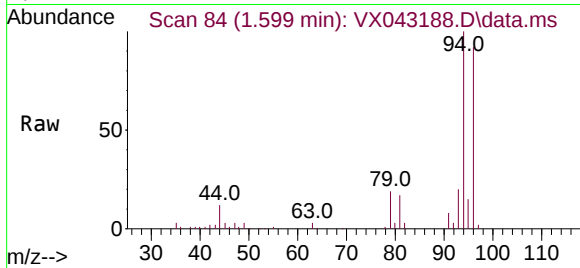




#5
Bromomethane
Concen: 35.222 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043188.D
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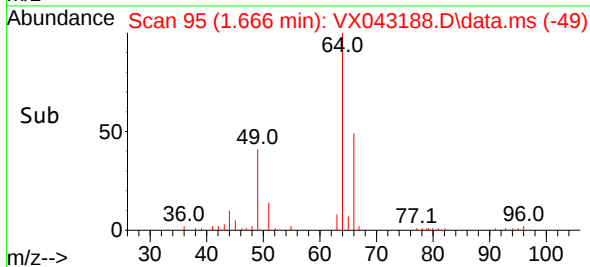
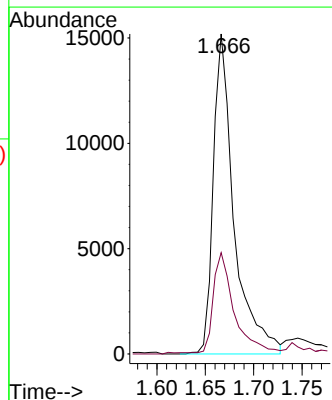
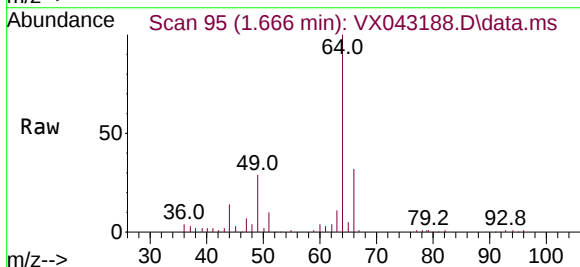
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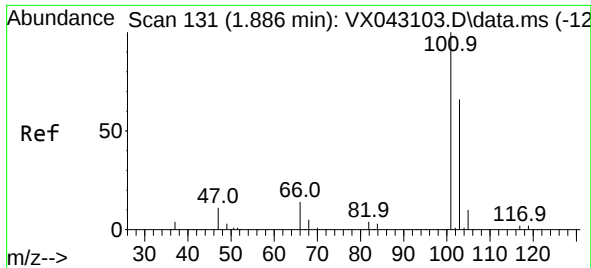
Tgt Ion: 94 Resp: 21165
Ion Ratio Lower Upper
94 100
96 92.3 76.2 114.4



#6
Chloroethane
Concen: 33.838 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 64 Resp: 22629
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.6

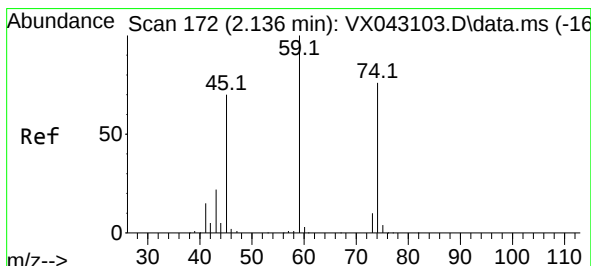
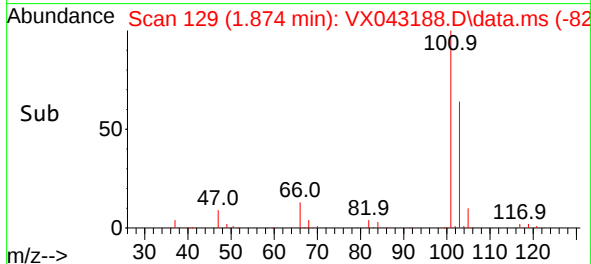
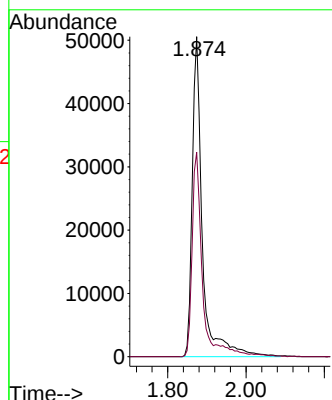
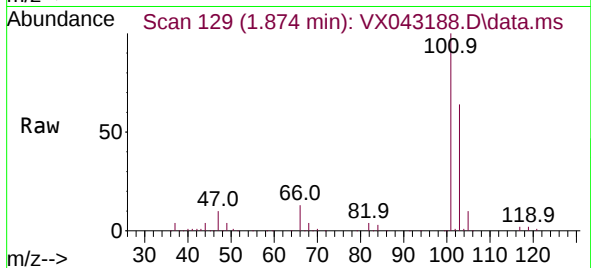




#7
Trichlorofluoromethane
Concen: 49.084 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

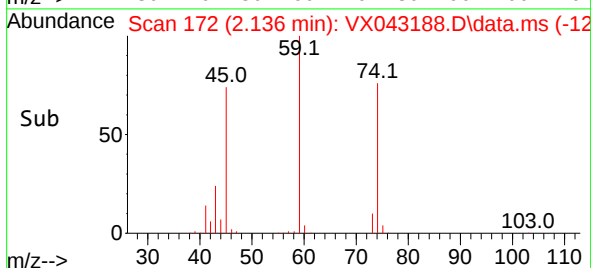
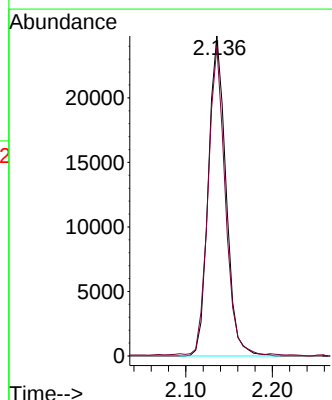
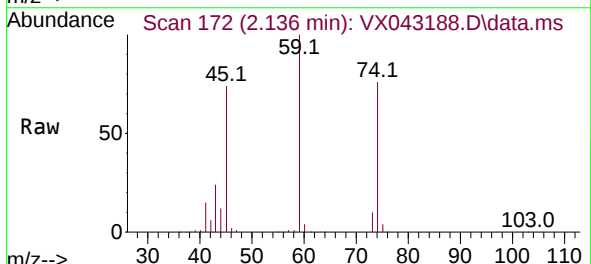
Instrument :
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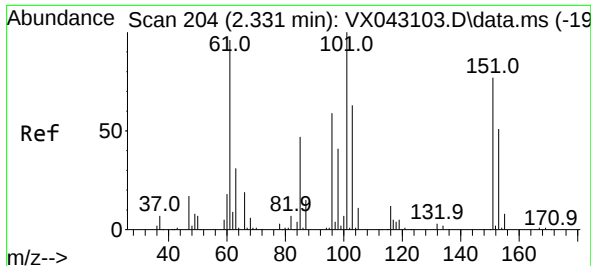
Tgt Ion:101 Resp: 91000
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6



#8
Diethyl Ether
Concen: 56.116 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 74 Resp: 34930
Ion Ratio Lower Upper
74 100
45 94.4 48.6 145.8

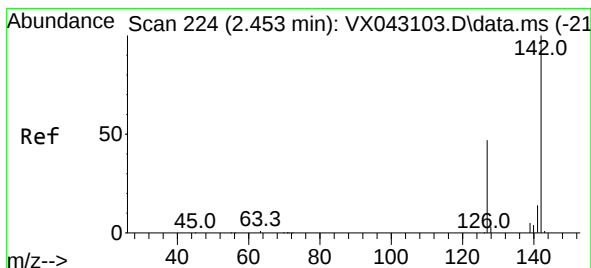
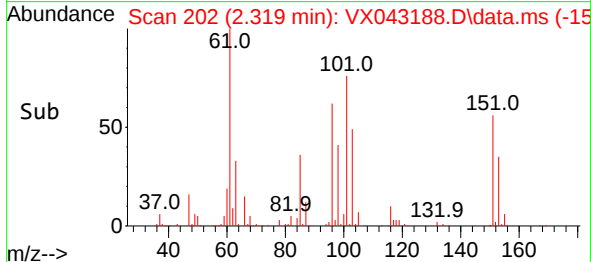
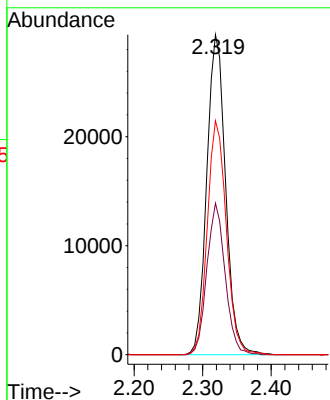
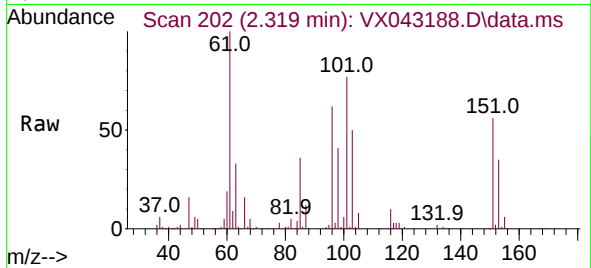




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.495 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

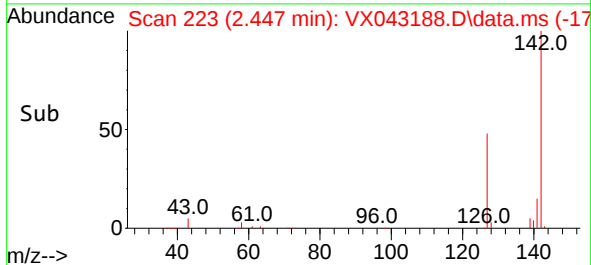
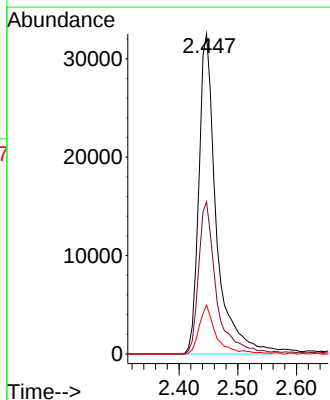
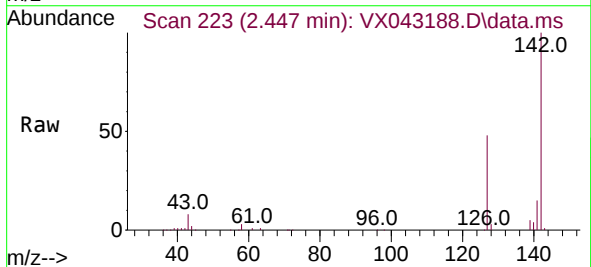
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

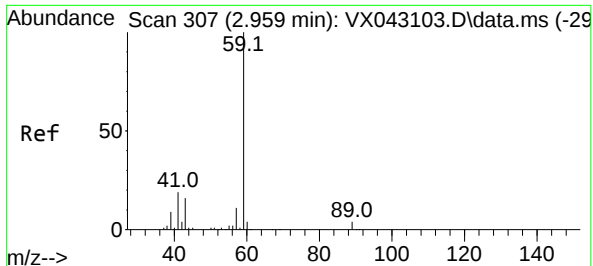
Tgt Ion:101 Resp: 55979
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.4
151 73.8 60.2 90.4



#10
Methyl Iodide
Concen: 54.258 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:142 Resp: 67483
Ion Ratio Lower Upper
142 100
127 48.3 38.9 58.3
141 14.7 11.4 17.2

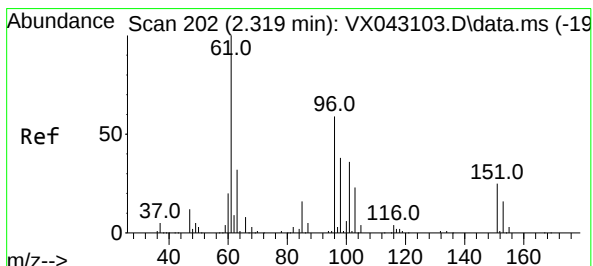
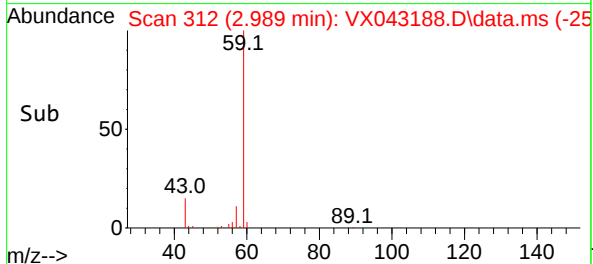
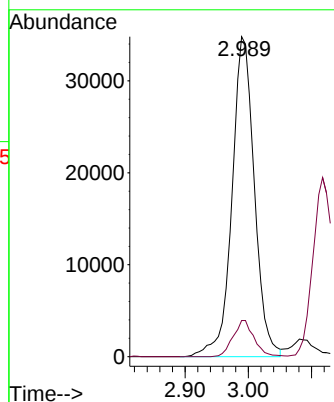
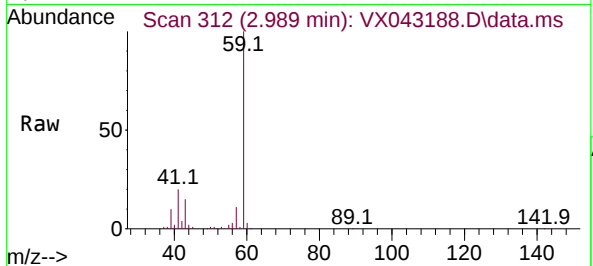




#11
Tert butyl alcohol
Concen: 245.237 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

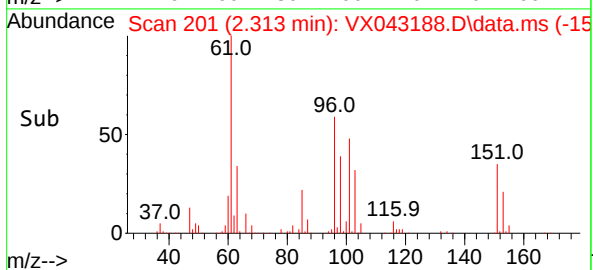
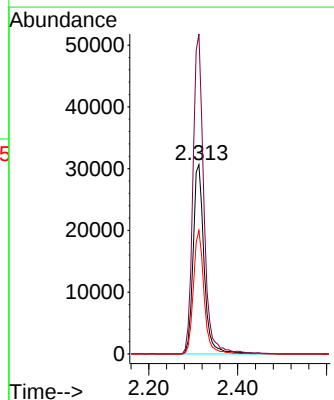
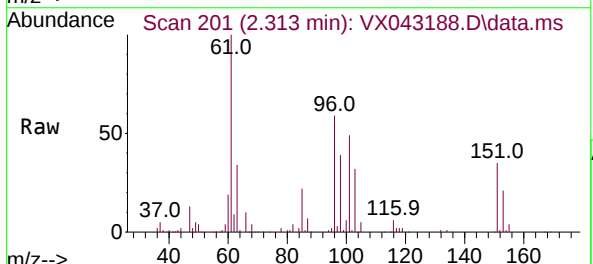
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

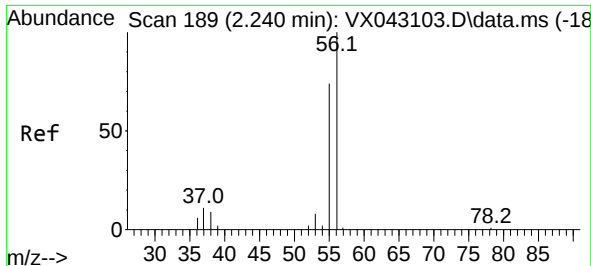
Tgt Ion: 59 Resp: 85897
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 52.266 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 96 Resp: 52315
Ion Ratio Lower Upper
96 100
61 169.0 134.7 202.1
98 65.3 51.6 77.4

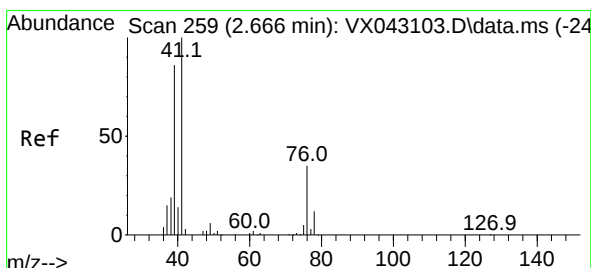
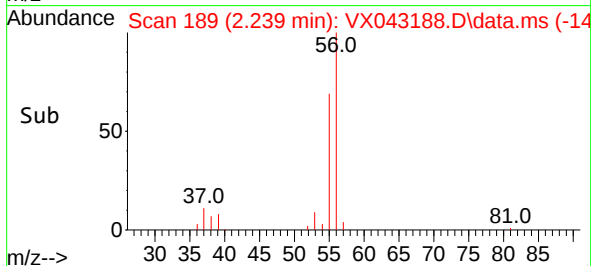
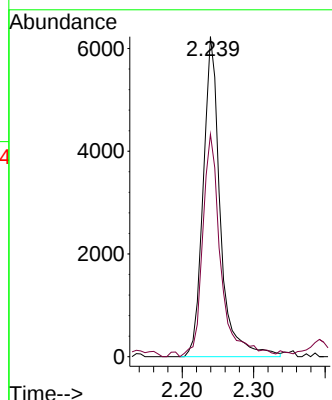
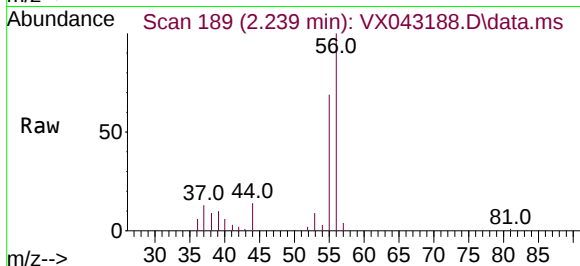




#13
Acrolein
Concen: 225.091 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

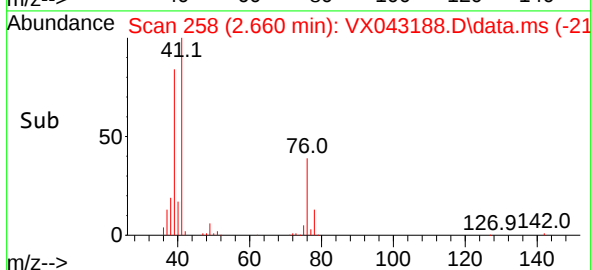
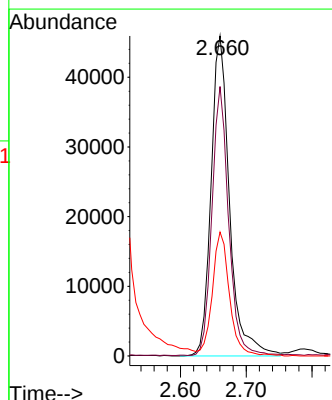
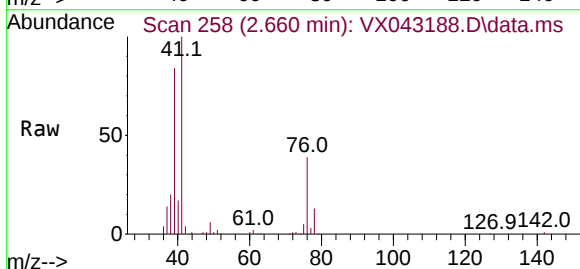
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

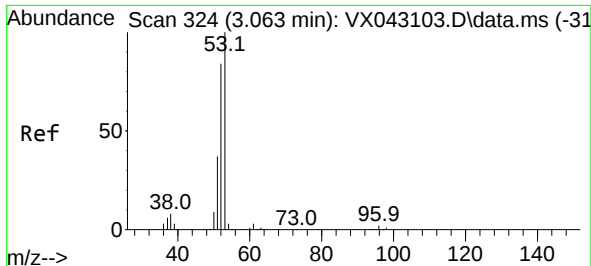
Tgt Ion: 56 Resp: 10387
Ion Ratio Lower Upper
56 100
55 73.4 55.8 83.6



#14
Allyl chloride
Concen: 48.481 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 41 Resp: 90106
Ion Ratio Lower Upper
41 100
39 75.9 61.7 92.5
76 36.1 29.0 43.6

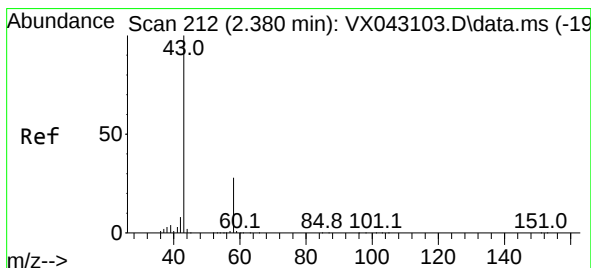
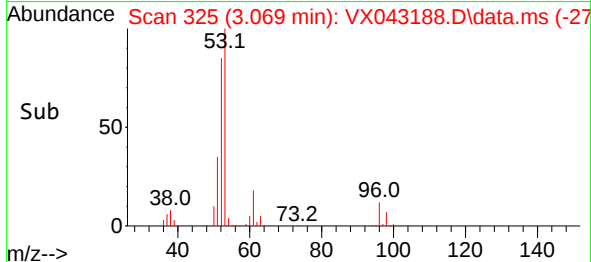
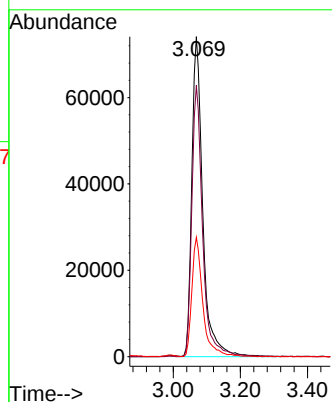
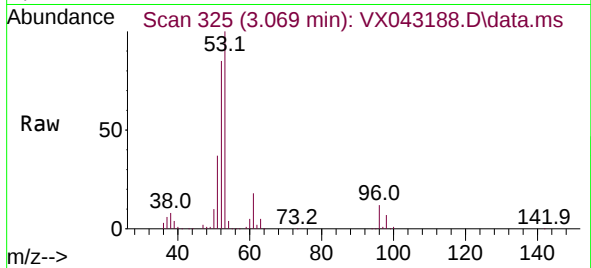




#15
Acrylonitrile
Concen: 277.131 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

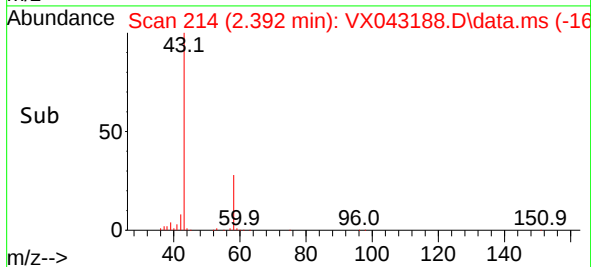
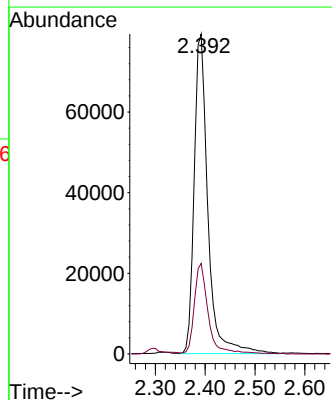
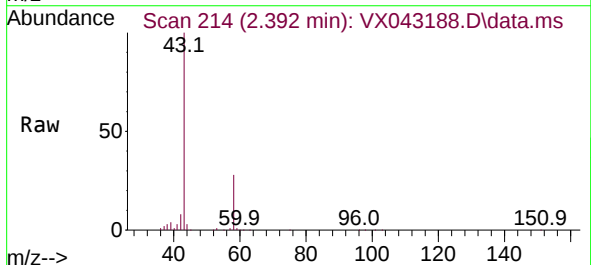
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

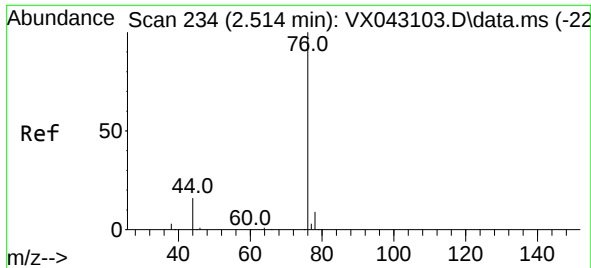
Tgt Ion: 53 Resp: 168378
Ion Ratio Lower Upper
53 100
52 83.5 67.8 101.6
51 37.5 30.6 45.8



#16
Acetone
Concen: 205.399 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 43 Resp: 150689
Ion Ratio Lower Upper
43 100
58 28.2 22.6 34.0

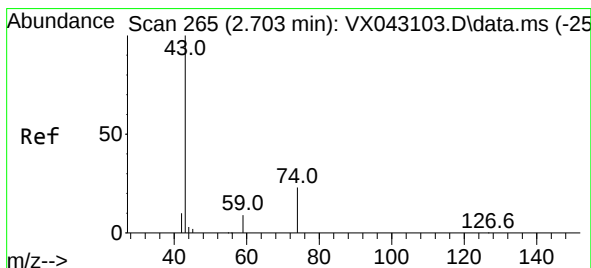
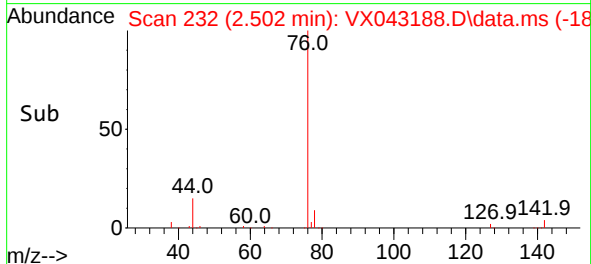
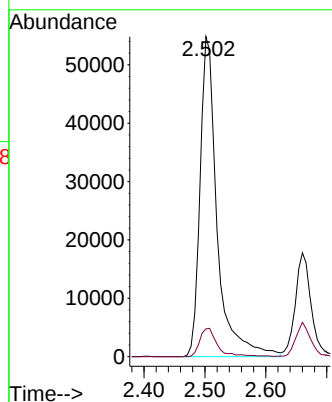
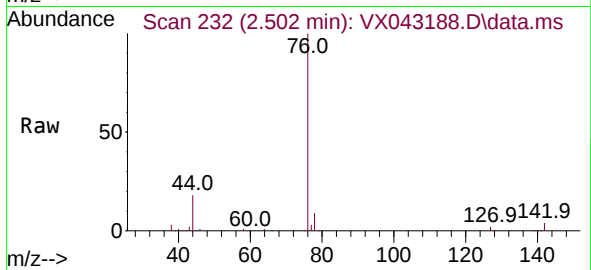




#17
Carbon Disulfide
Concen: 42.924 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

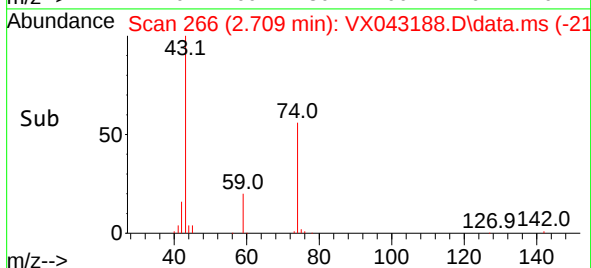
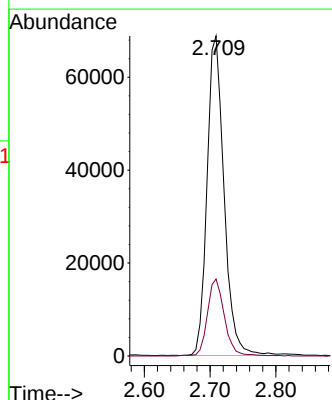
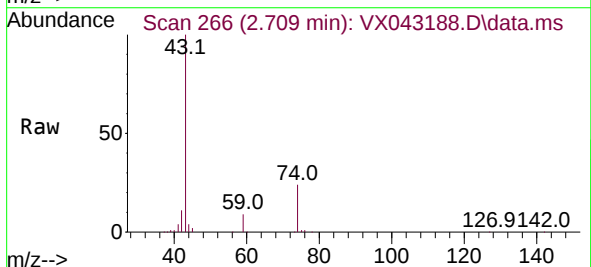
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

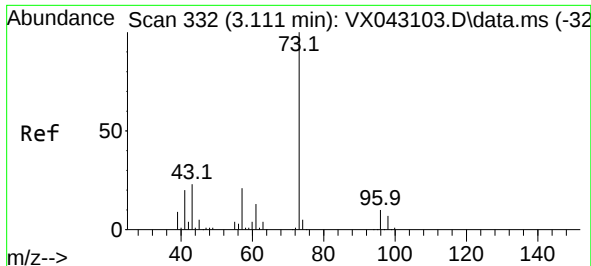
Tgt Ion: 76 Resp: 106795
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 62.538 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 43 Resp: 123490
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

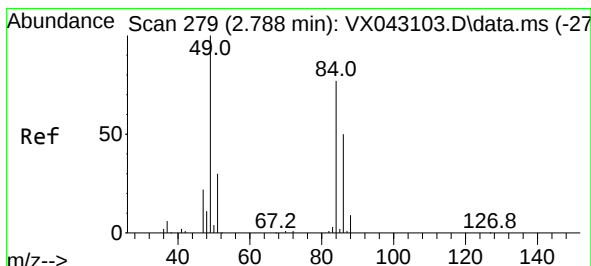
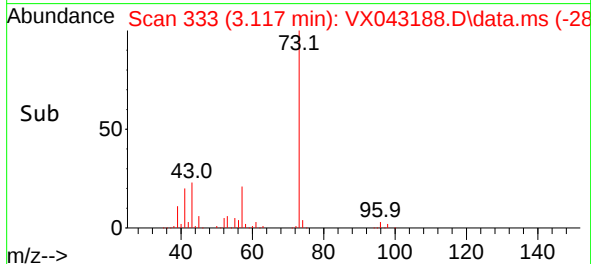
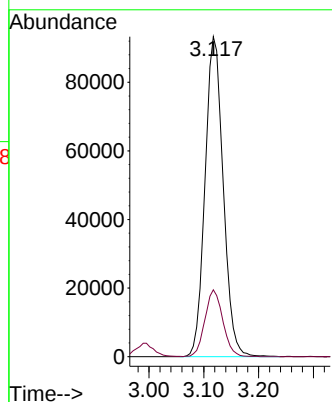
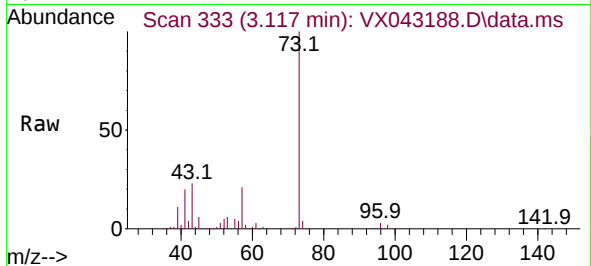




#19
Methyl tert-butyl Ether
Concen: 56.236 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

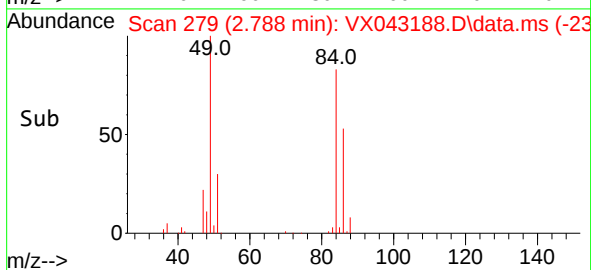
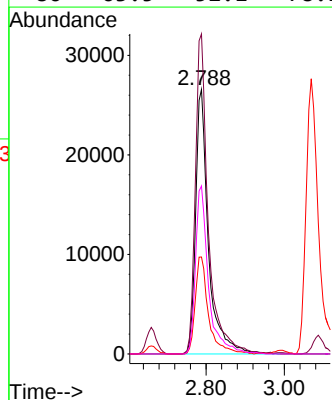
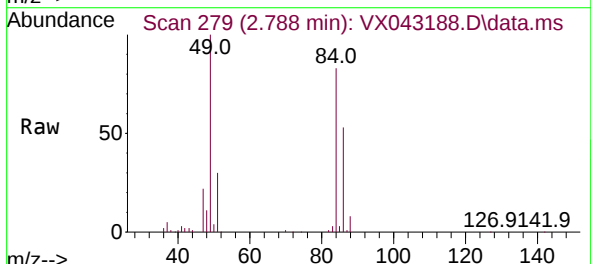
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

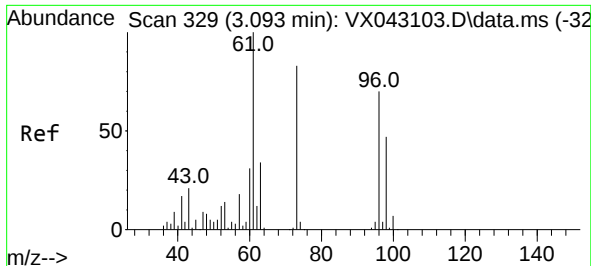
Tgt Ion: 73 Resp: 214475
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 51.982 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 84 Resp: 60673
Ion Ratio Lower Upper
84 100
49 121.0 104.1 156.1
51 36.7 31.1 46.7
86 63.5 52.1 78.1

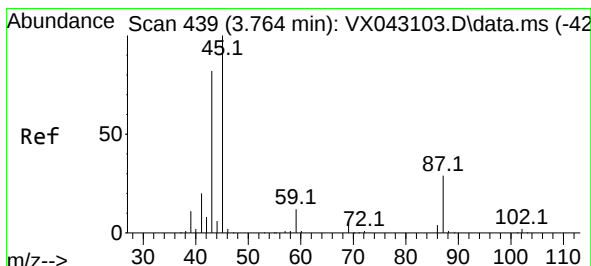
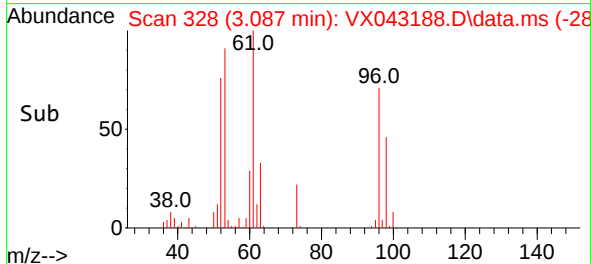
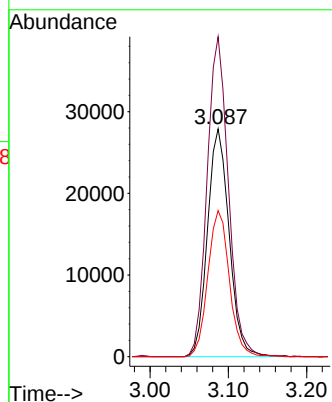
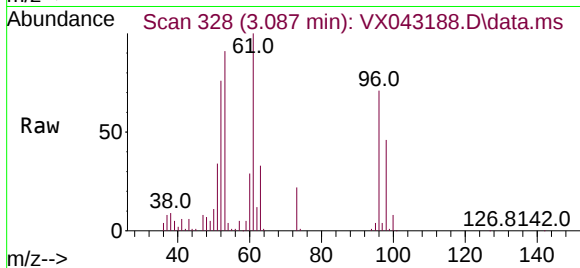




#21
trans-1,2-Dichloroethene
Concen: 51.638 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

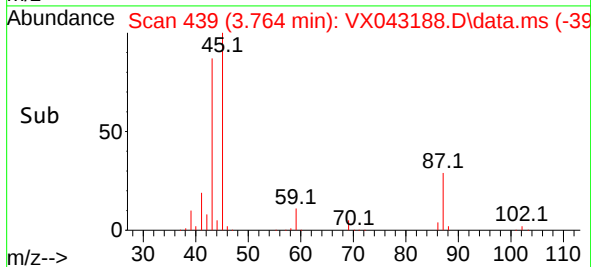
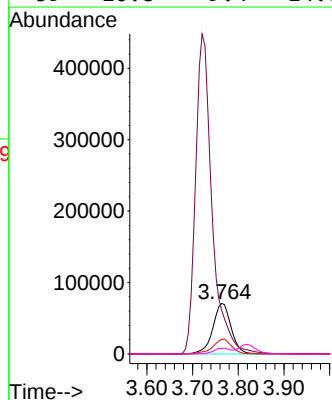
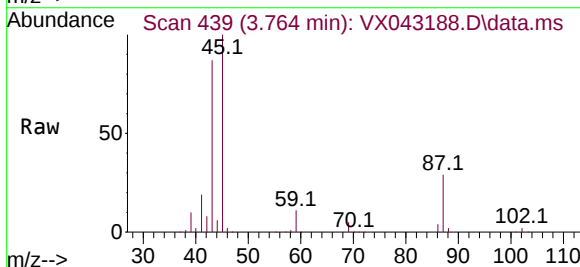
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 53481
Ion Ratio Lower Upper
96 100
61 140.4 114.5 171.7
98 64.1 53.8 80.6



#22
Diisopropyl ether
Concen: 56.522 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 45 Resp: 196704
Ion Ratio Lower Upper
45 100
43 86.7 65.8 98.6
87 29.0 23.1 34.7
59 10.8 9.4 14.0

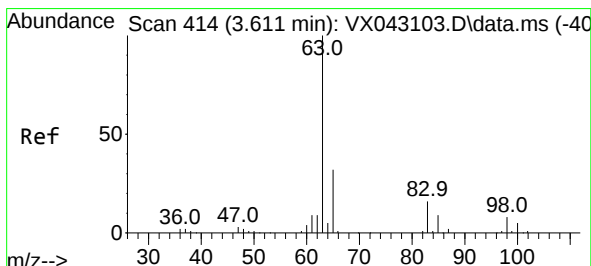
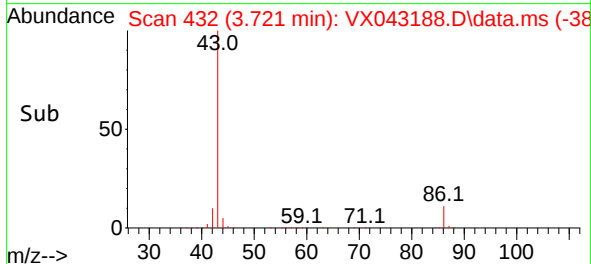
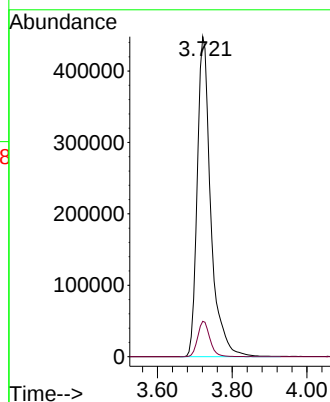
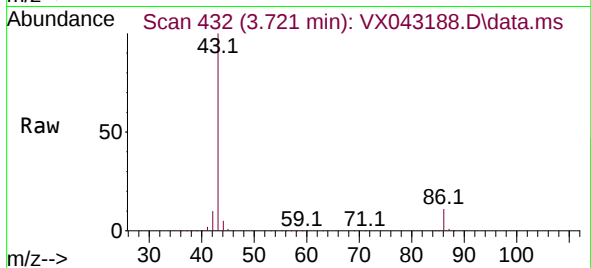




#23
 Vinyl Acetate
 Concen: 274.783 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

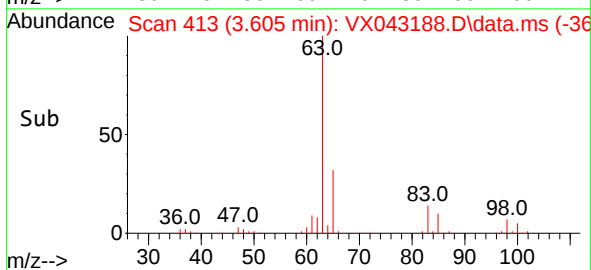
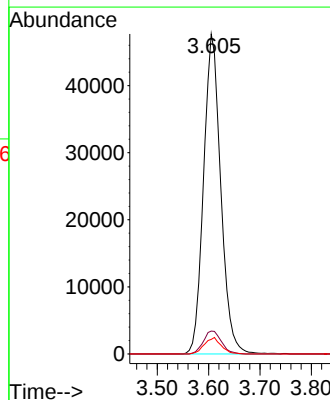
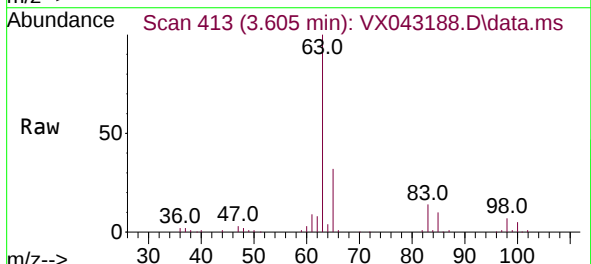
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

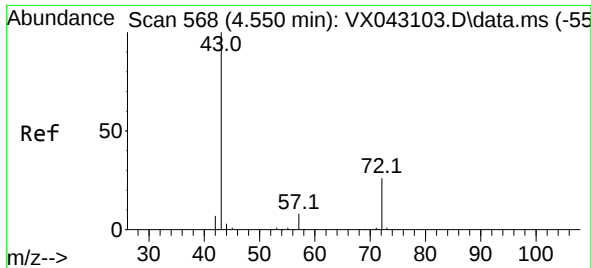
Tgt Ion: 43 Resp: 1124923
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.005 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

Tgt Ion: 63 Resp: 110676
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.6 2.5 7.6

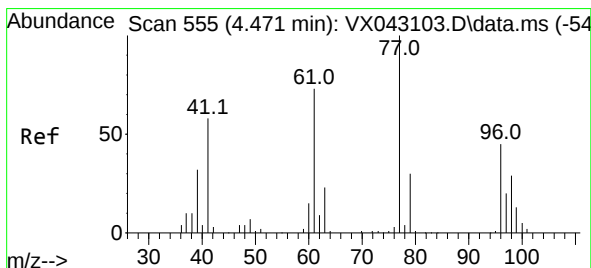
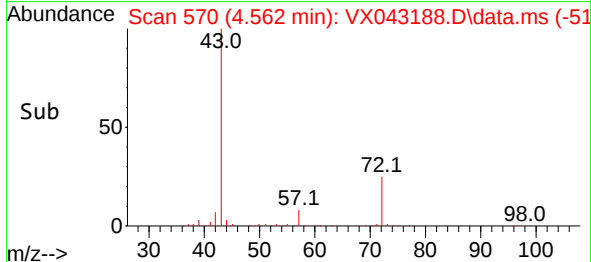
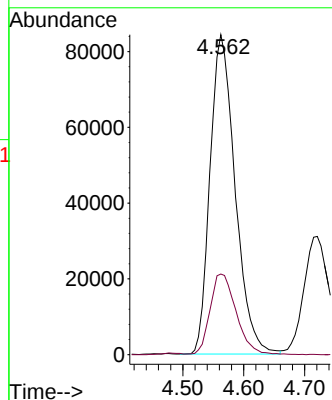
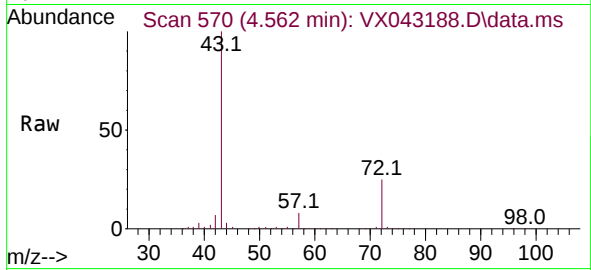




#25
2-Butanone
Concen: 255.308 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

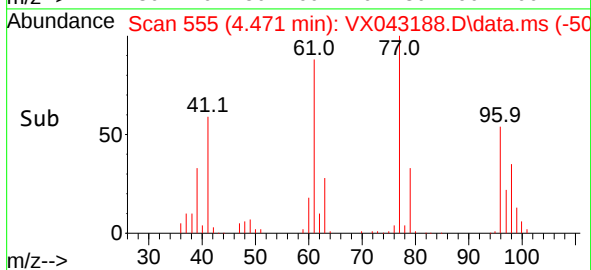
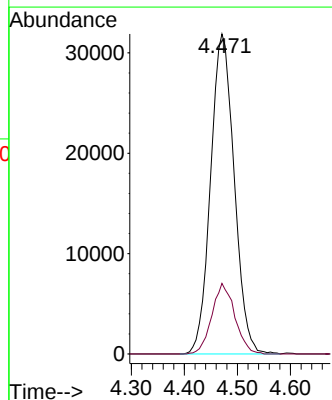
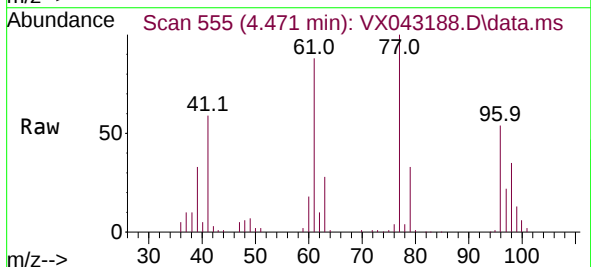
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

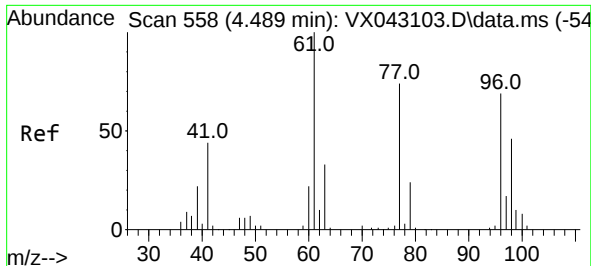
Tgt Ion: 43 Resp: 241448
Ion Ratio Lower Upper
43 100
72 25.1 20.7 31.1



#26
2,2-Dichloropropane
Concen: 48.453 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 77 Resp: 98675
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.288 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

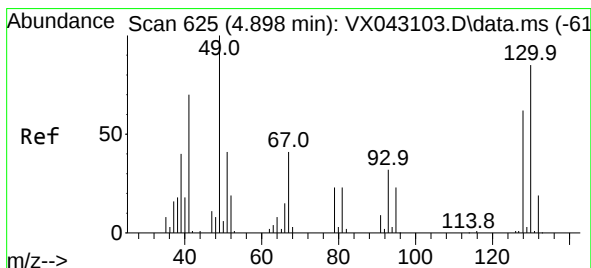
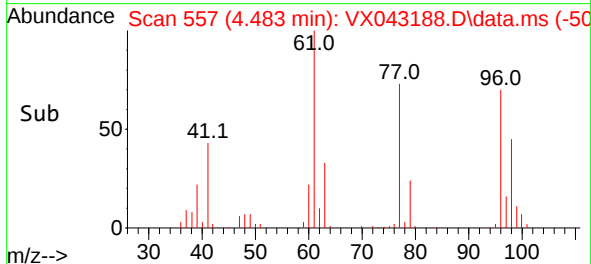
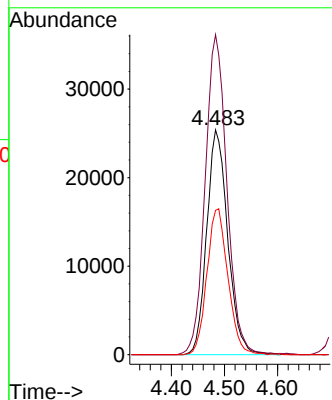
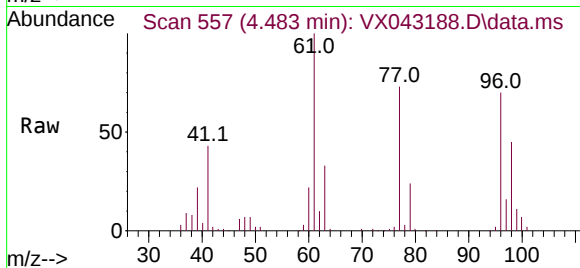
Tgt Ion: 96 Resp: 69995

Ion Ratio Lower Upper

96 100

61 146.9 0.0 297.8

98 64.9 0.0 131.2



#28

Bromochloromethane

Concen: 52.755 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

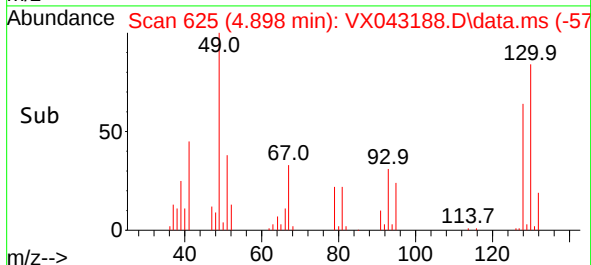
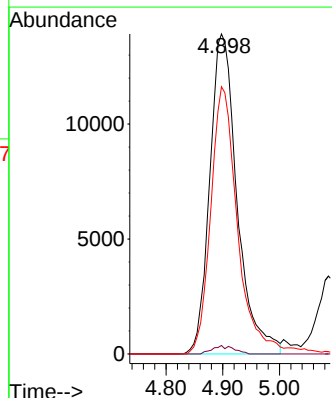
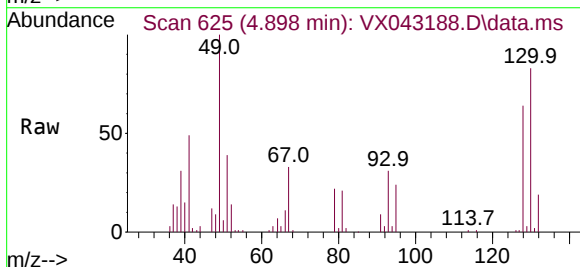
Tgt Ion: 49 Resp: 46726

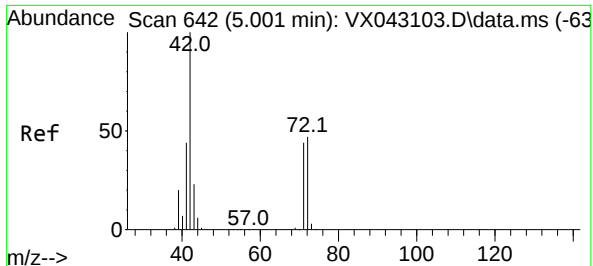
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 82.6 66.6 100.0





#29

Tetrahydrofuran

Concen: 271.789 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

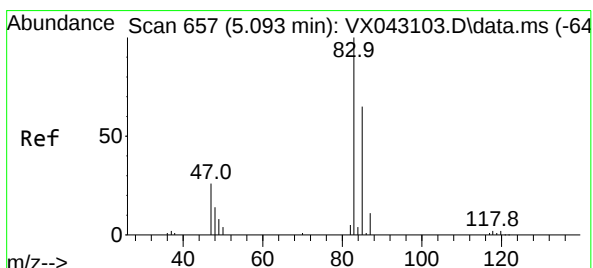
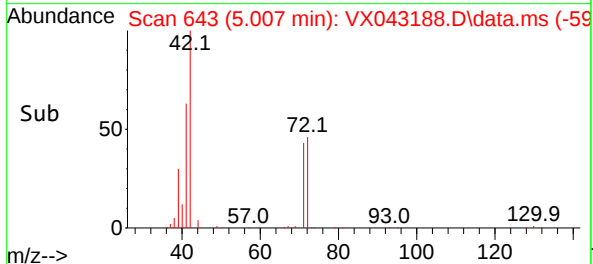
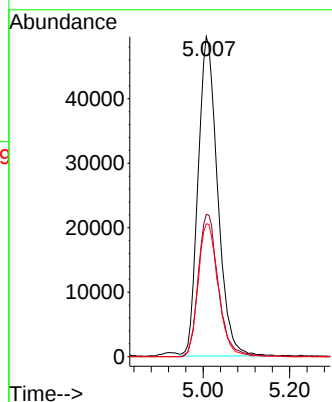
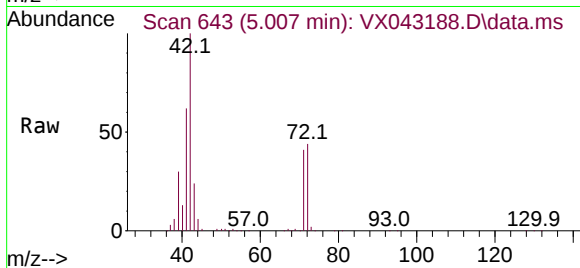
Tgt Ion: 42 Resp: 154579

Ion Ratio Lower Upper

42 100

72 46.0 37.6 56.4

71 43.1 34.8 52.2



#30

Chloroform

Concen: 54.802 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX043188.D

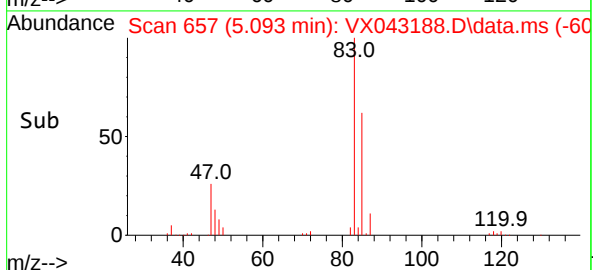
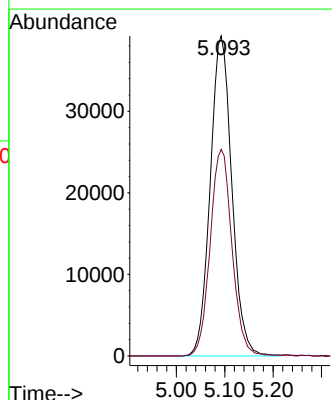
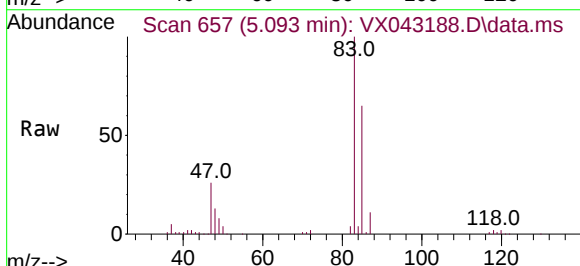
Acq: 26 Sep 2024 19:03

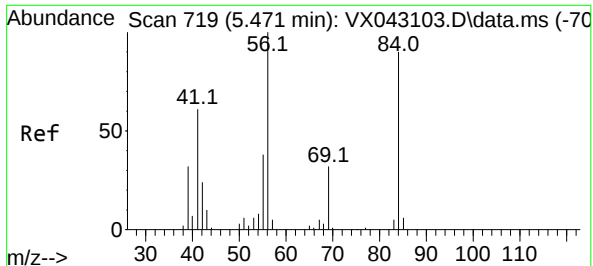
Tgt Ion: 83 Resp: 121582

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

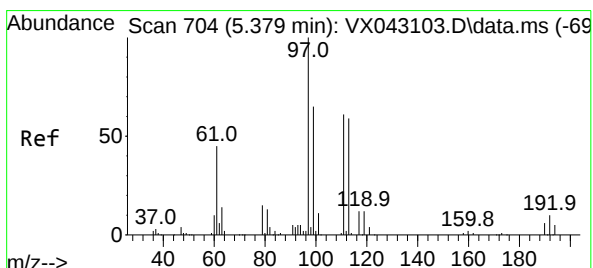
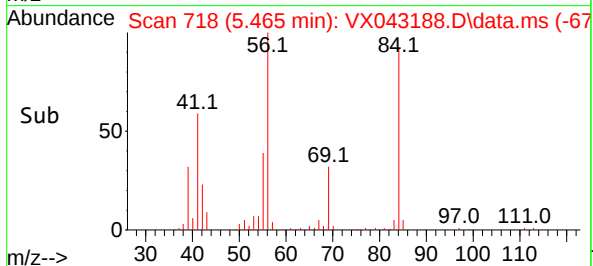
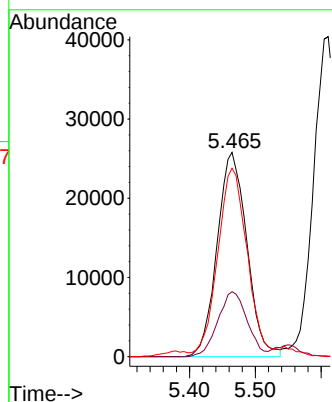
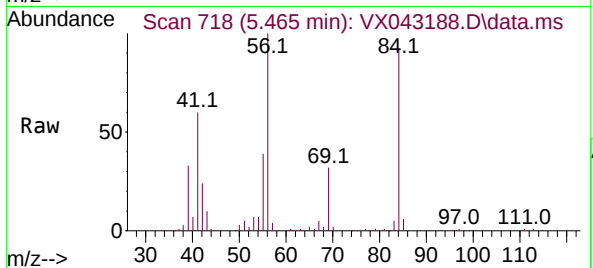




#31
Cyclohexane
Concen: 52.609 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

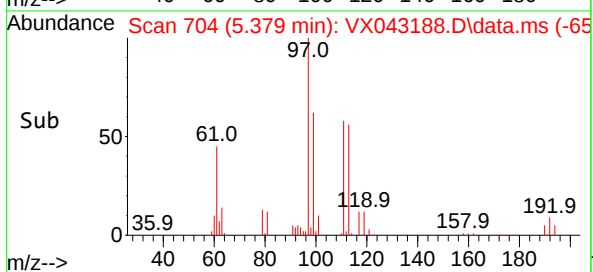
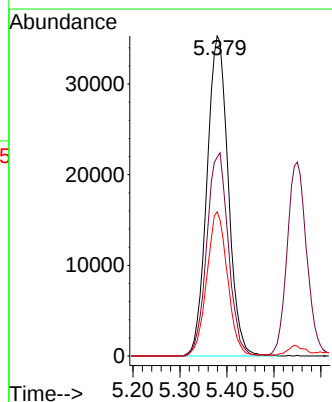
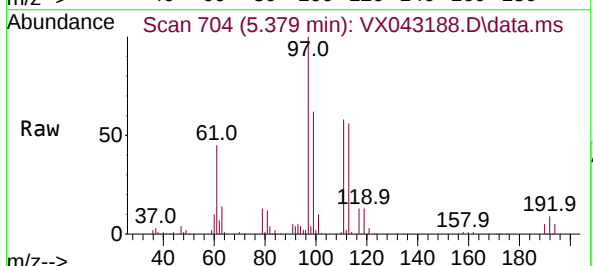
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

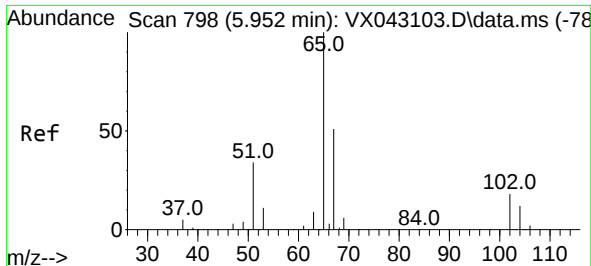
Tgt Ion: 56 Resp: 81163
Ion Ratio Lower Upper
56 100
69 31.8 25.8 38.6
84 90.1 72.4 108.6



#32
1,1,1-Trichloroethane
Concen: 52.784 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 97 Resp: 110928
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.313 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

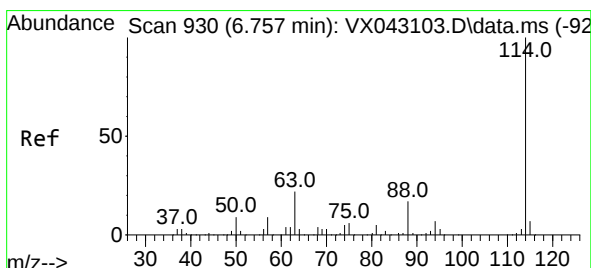
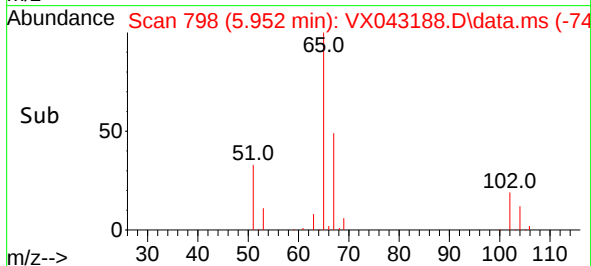
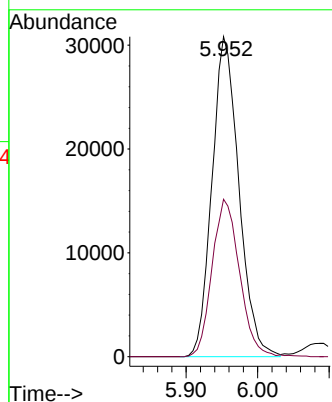
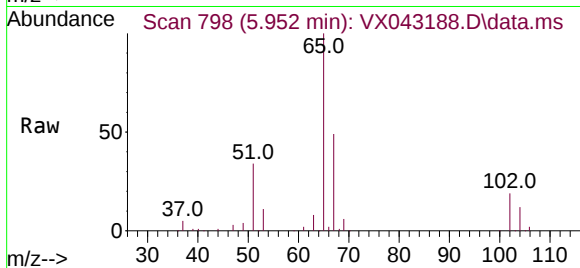
VSTDCCC050EC

Tgt Ion: 65 Resp: 80497

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

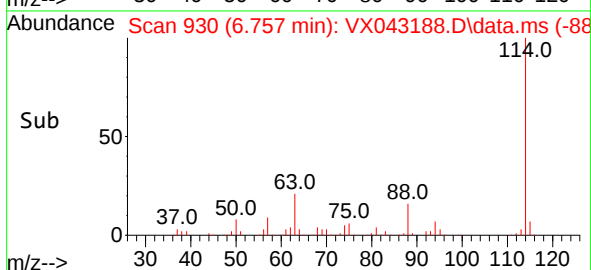
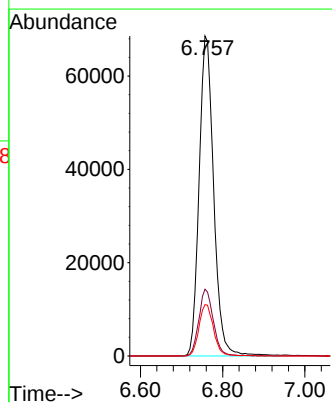
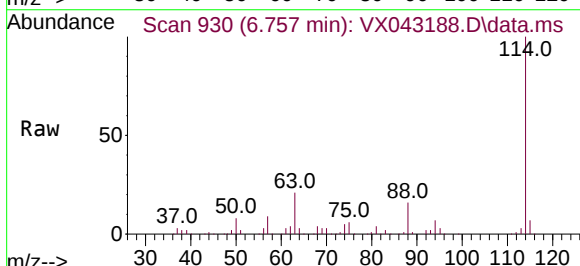
Tgt Ion: 114 Resp: 168827

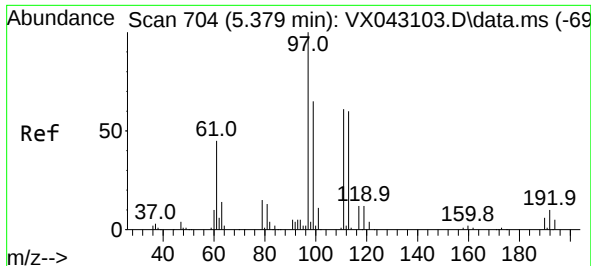
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.0 0.0 33.4

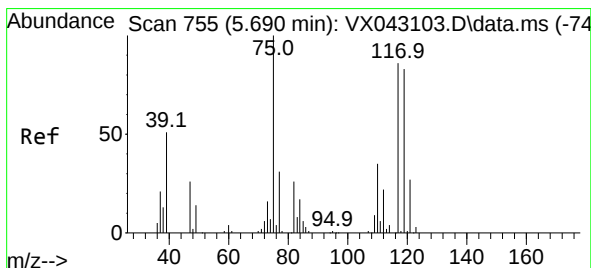
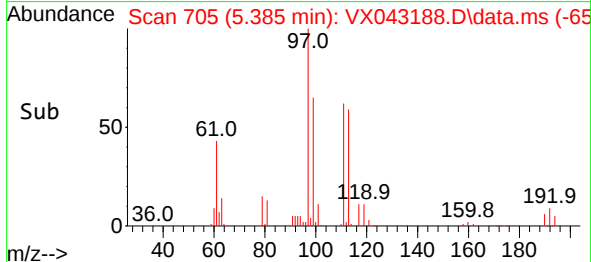
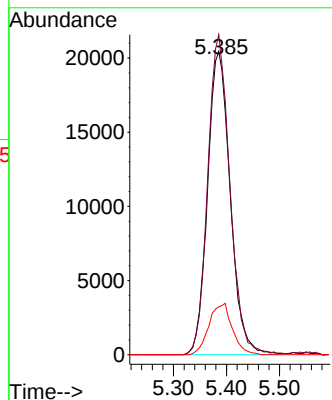
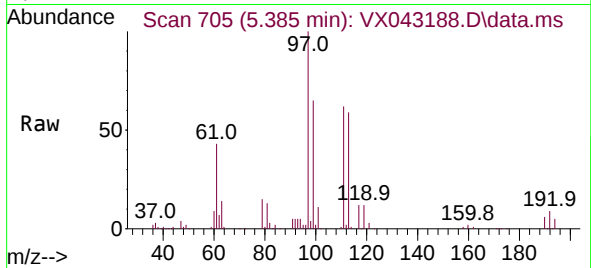




#35
Dibromofluoromethane
Concen: 50.921 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

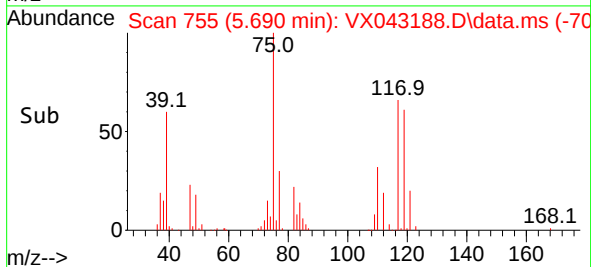
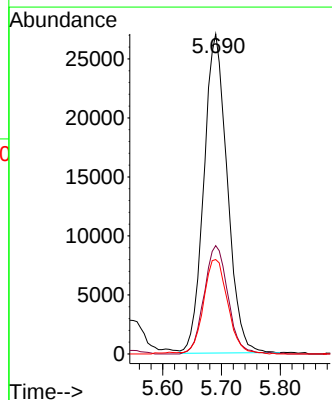
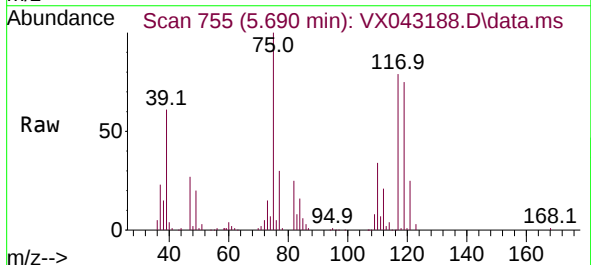
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

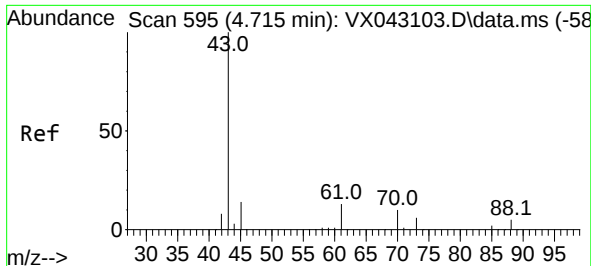
Tgt Ion:113 Resp: 60645
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.4 14.6 22.0



#36
1,1-Dichloropropene
Concen: 51.093 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 75 Resp: 74770
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.4
77 30.7 25.2 37.8





#37

Ethyl Acetate

Concen: 50.464 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

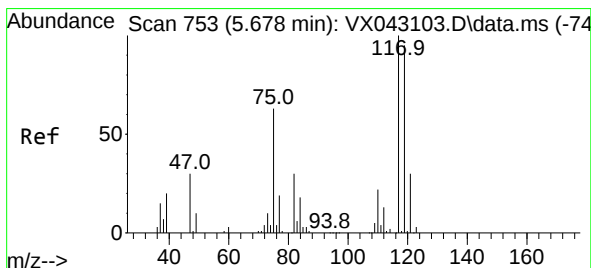
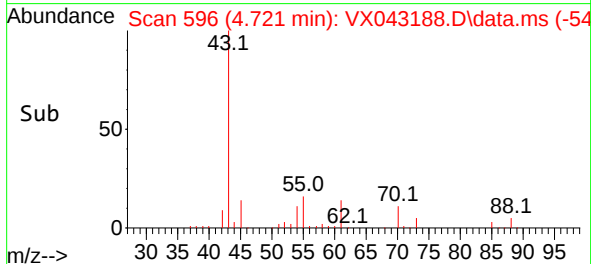
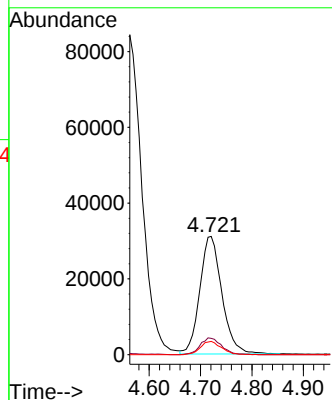
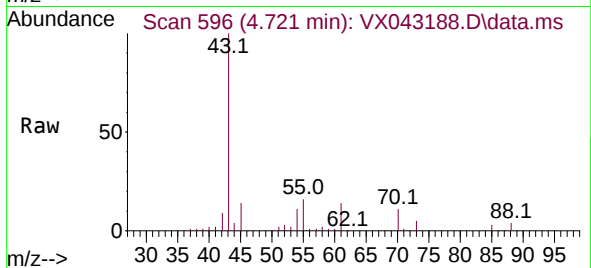
Tgt Ion: 43 Resp: 92761

Ion Ratio Lower Upper

43 100

61 13.9 10.9 16.3

70 10.7 8.6 13.0



#38

Carbon Tetrachloride

Concen: 48.517 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

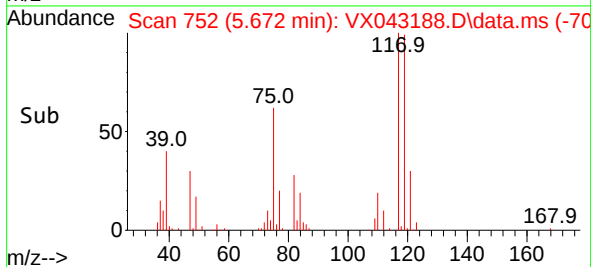
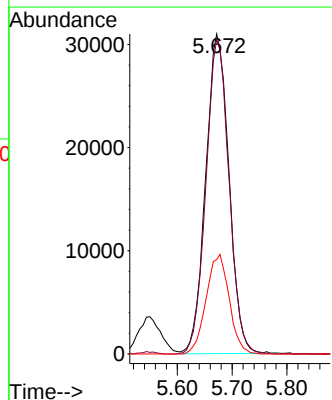
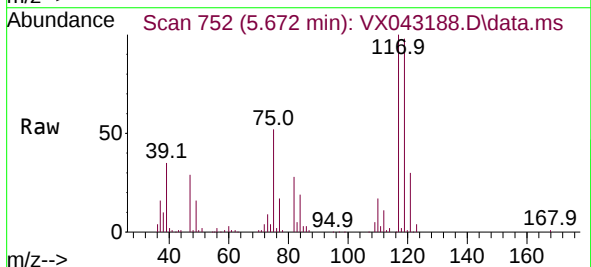
Tgt Ion: 117 Resp: 91461

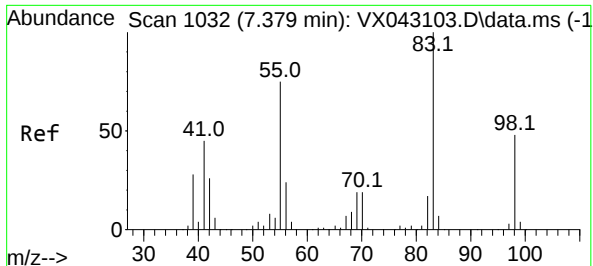
Ion Ratio Lower Upper

117 100

119 98.5 75.5 113.3

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.276 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

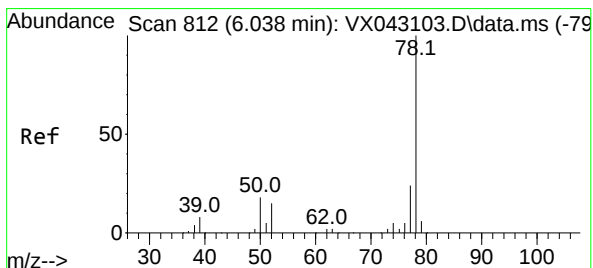
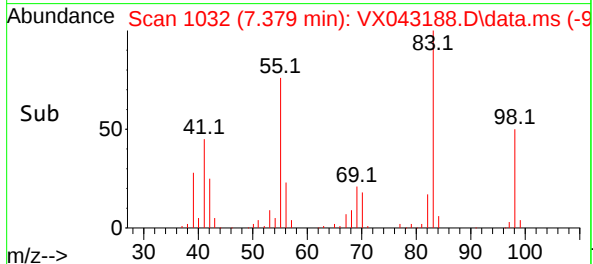
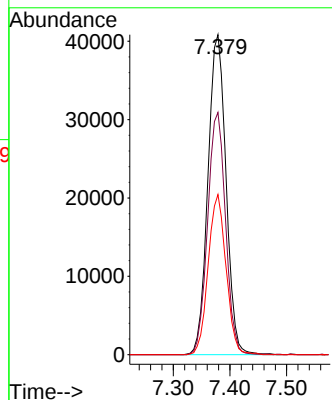
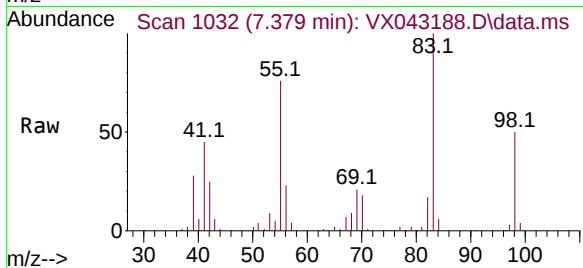
Tgt Ion: 83 Resp: 90499

Ion Ratio Lower Upper

83 100

55 75.7 60.2 90.4

98 50.0 38.6 58.0



#40

Benzene

Concen: 53.312 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX043188.D

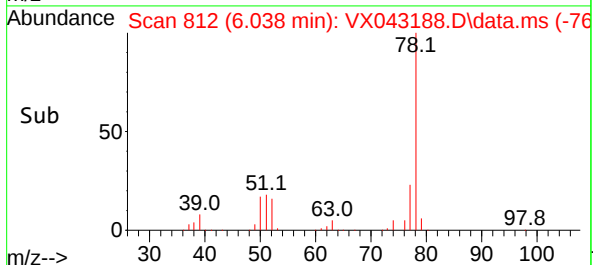
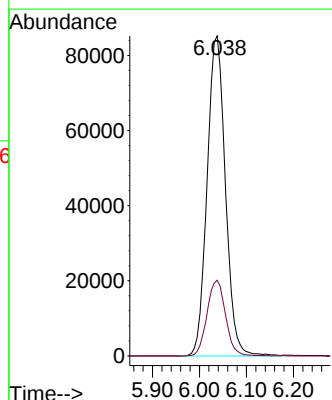
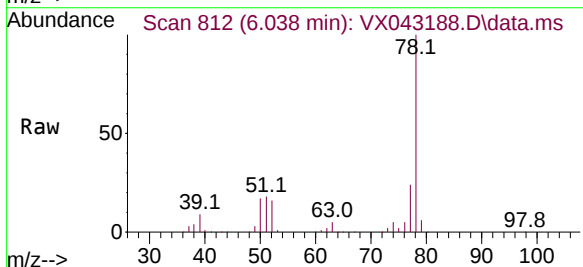
Acq: 26 Sep 2024 19:03

Tgt Ion: 78 Resp: 230211

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

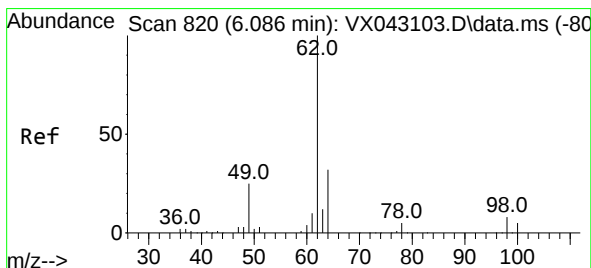
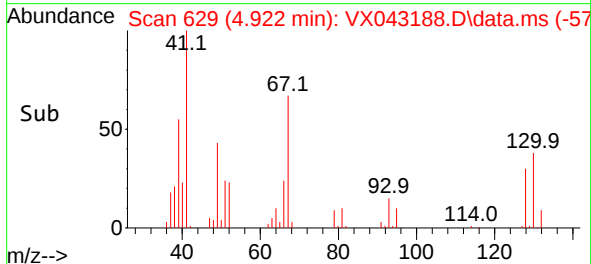
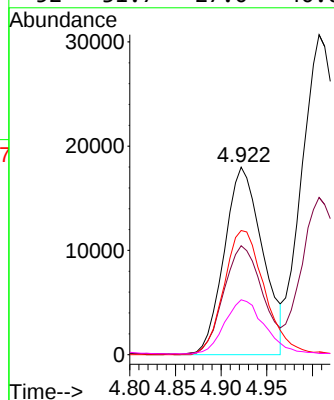
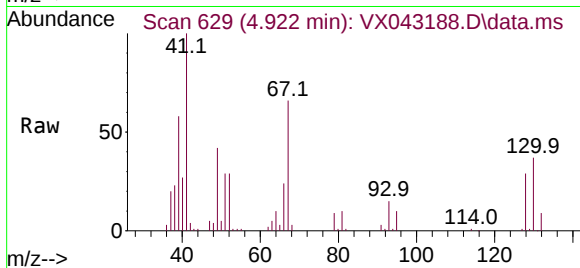




#41
Methacrylonitrile
Concen: 57.524 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

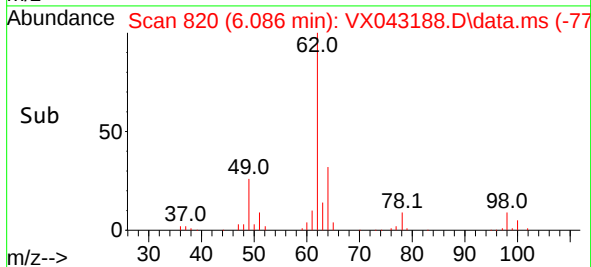
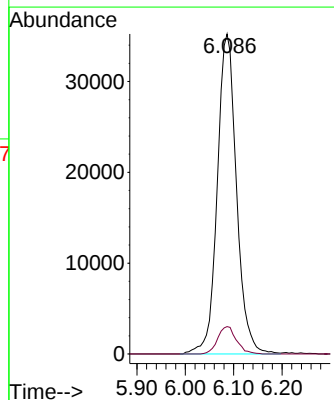
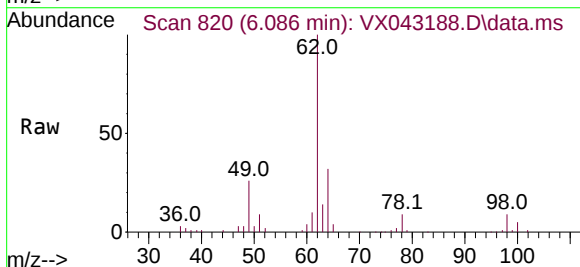
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

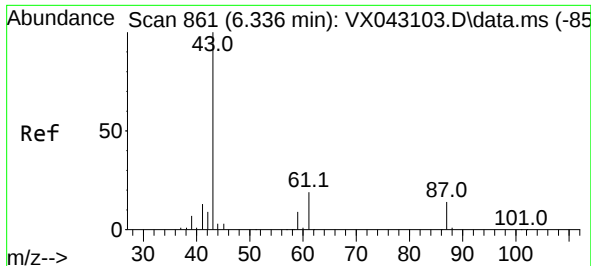
Tgt Ion: 41	Resp: 52567
Ion Ratio	Lower Upper
41	100
39	58.8 46.8 70.2
67	70.8 57.0 85.6
52	31.7 27.0 40.6



#42
1,2-Dichloroethane
Concen: 53.122 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 62	Resp: 97402
Ion Ratio	Lower Upper
62	100
98	8.3 0.0 16.6





#43

Isopropyl Acetate

Concen: 51.844 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

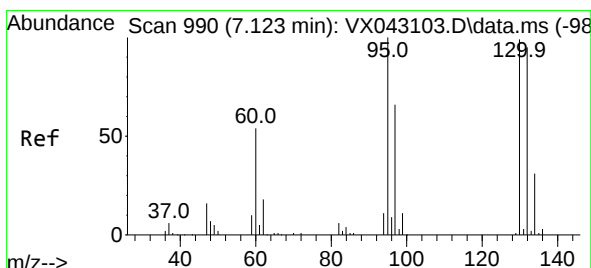
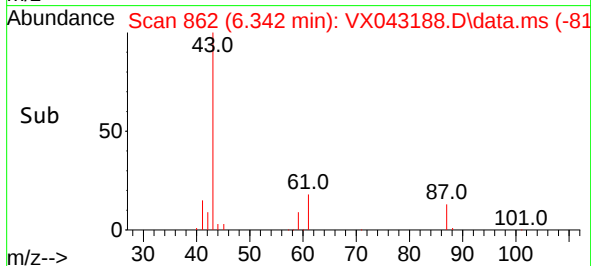
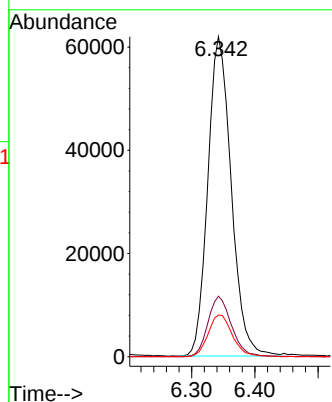
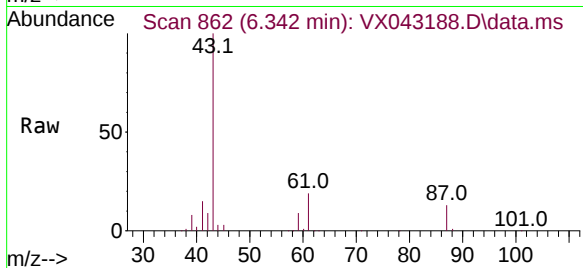
Tgt Ion: 43 Resp: 159174

Ion Ratio Lower Upper

43 100

61 19.0 15.0 22.6

87 13.5 10.6 16.0



#44

Trichloroethene

Concen: 50.288 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX043188.D

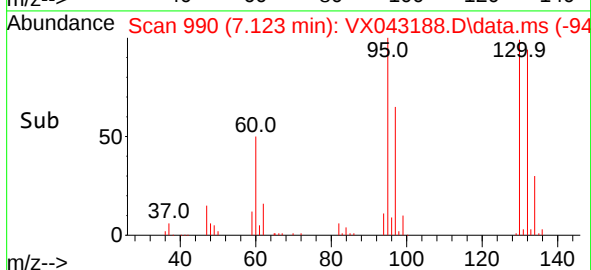
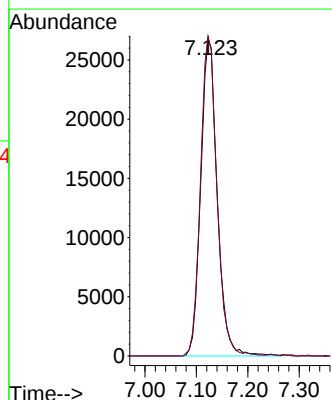
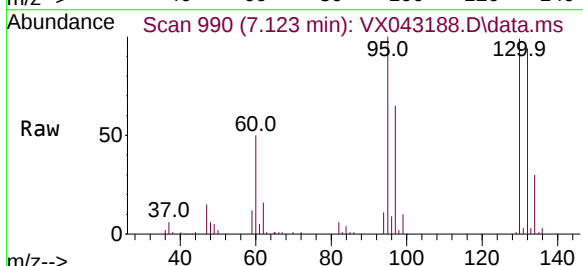
Acq: 26 Sep 2024 19:03

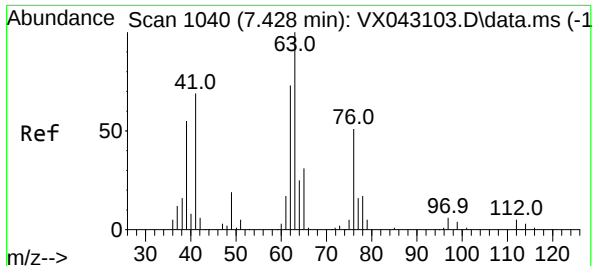
Tgt Ion:130 Resp: 59416

Ion Ratio Lower Upper

130 100

95 101.1 0.0 201.6





#45

1,2-Dichloropropane

Concen: 55.441 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

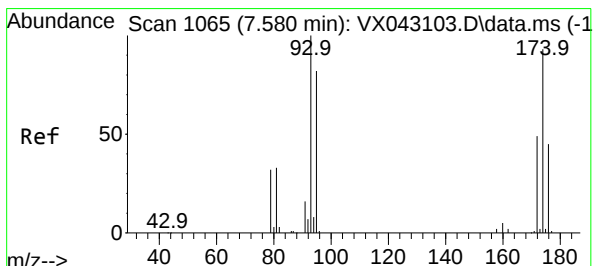
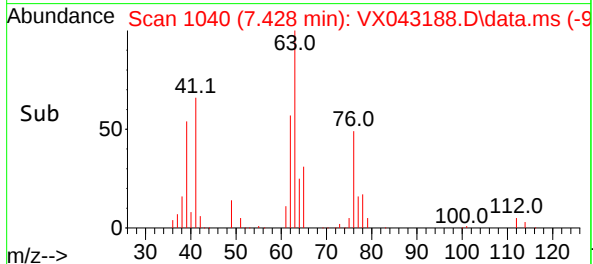
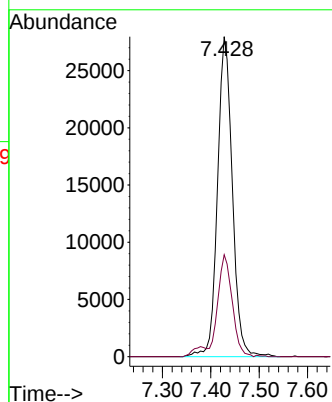
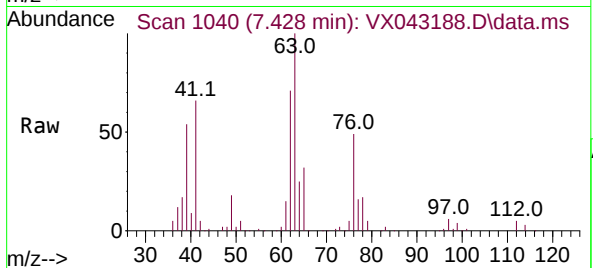
VSTDCCC050EC

Tgt Ion: 63 Resp: 59631

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.6



#46

Dibromomethane

Concen: 52.087 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

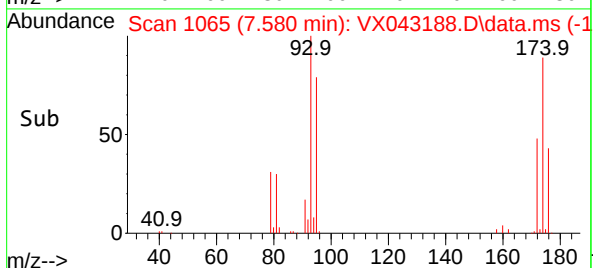
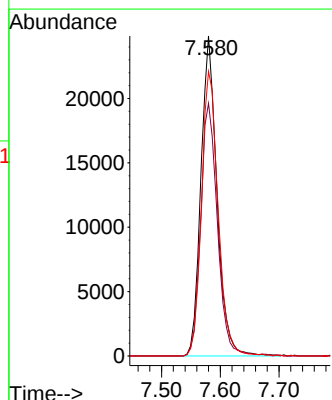
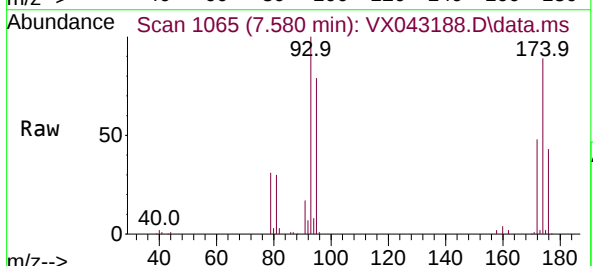
Tgt Ion: 93 Resp: 47174

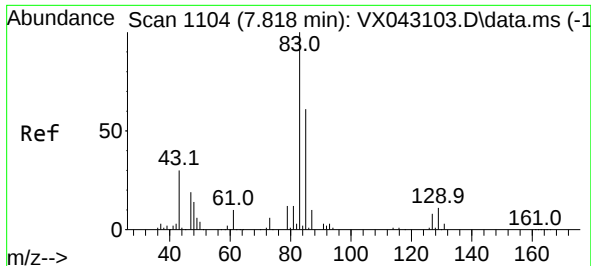
Ion Ratio Lower Upper

93 100

95 82.5 67.1 100.7

174 91.9 75.4 113.2

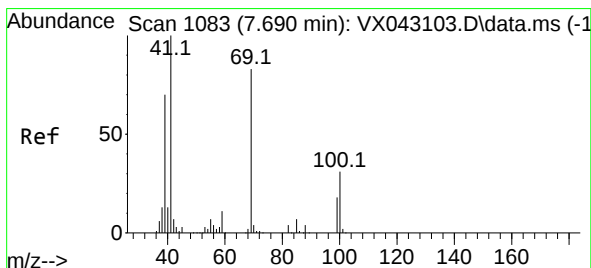
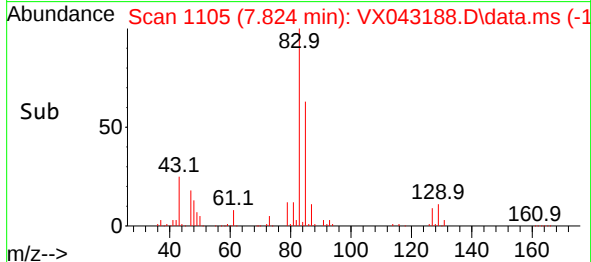
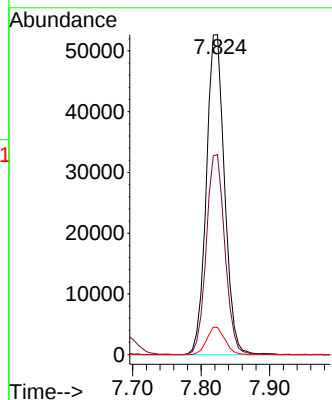
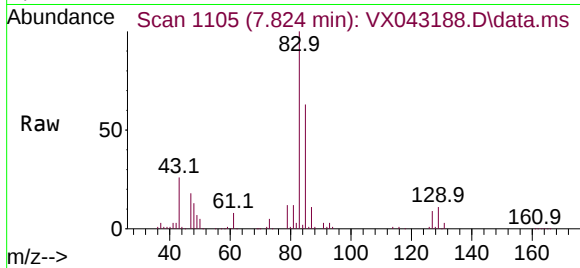




#47
Bromodichloromethane
Concen: 51.795 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

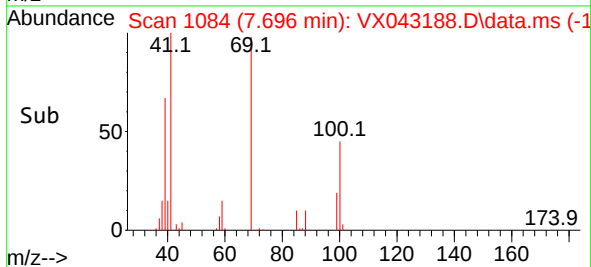
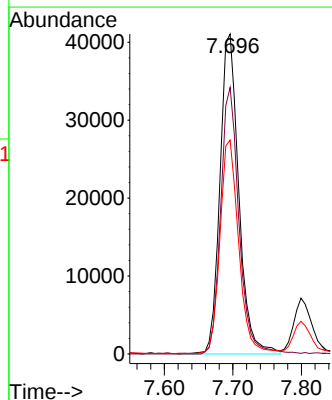
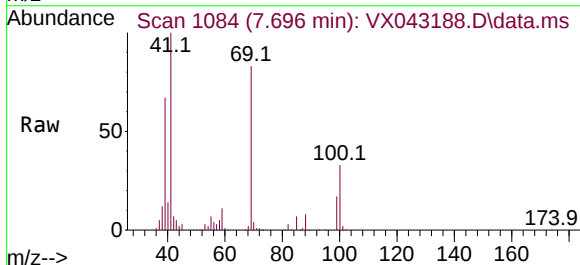
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

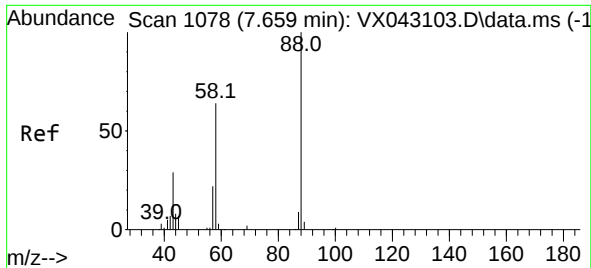
Tgt Ion: 83 Resp: 97545
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 51.865 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 41 Resp: 78213
Ion Ratio Lower Upper
41 100
69 81.0 65.0 97.6
39 66.1 55.0 82.6





#49

1,4-Dioxane

Concen: 1032.275 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

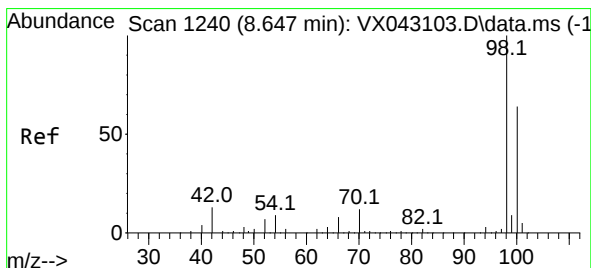
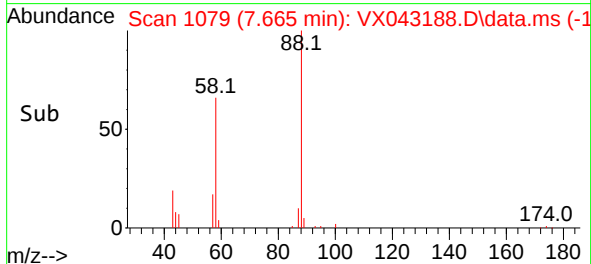
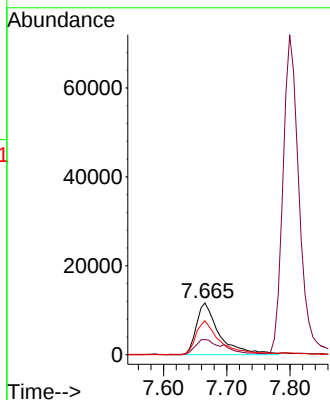
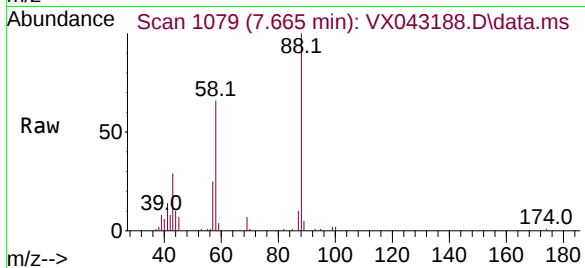
Tgt Ion: 88 Resp: 29387

Ion Ratio Lower Upper

88 100

43 37.0 29.5 44.3

58 67.6 52.5 78.7



#50

Toluene-d8

Concen: 50.279 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043188.D

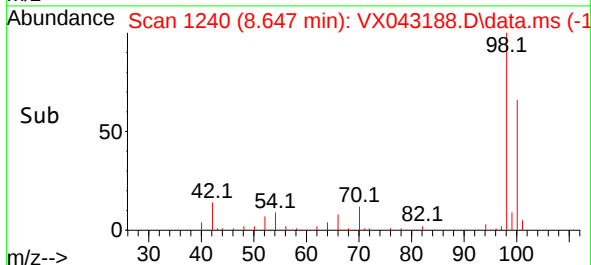
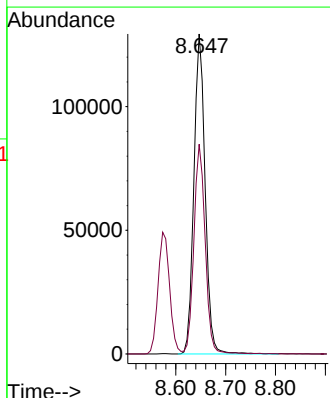
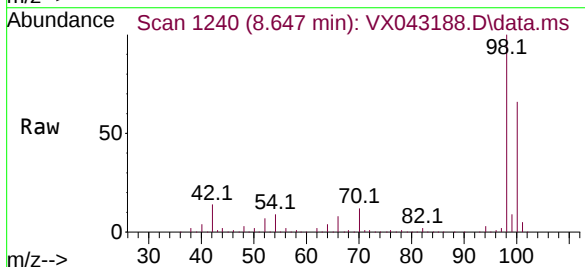
Acq: 26 Sep 2024 19:03

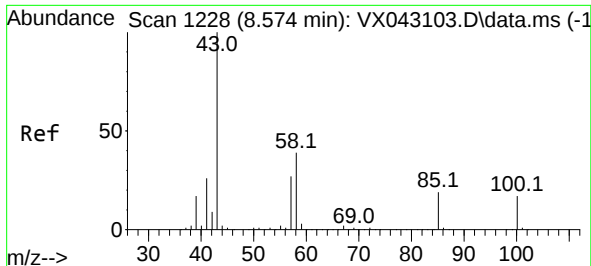
Tgt Ion: 98 Resp: 202590

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 261.276 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

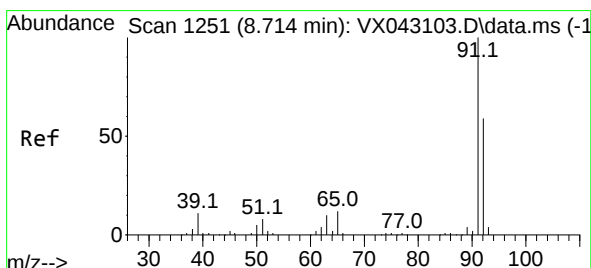
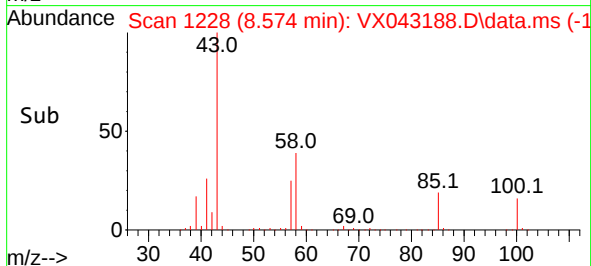
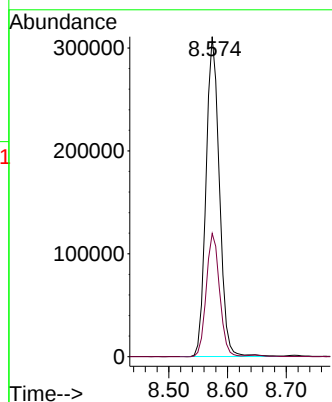
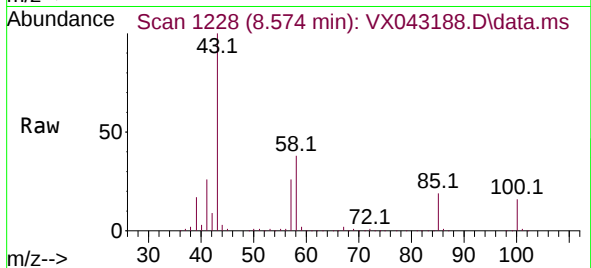
VSTDCCC050EC

Tgt Ion: 43 Resp: 492803

Ion Ratio Lower Upper

43 100

58 38.3 30.3 45.5



#52

Toluene

Concen: 51.903 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043188.D

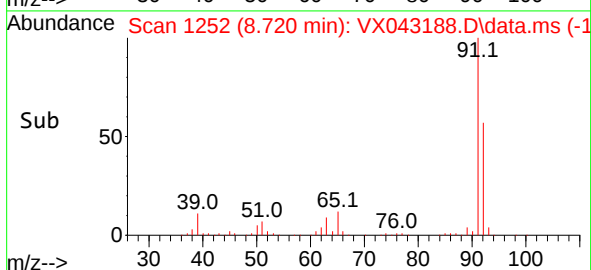
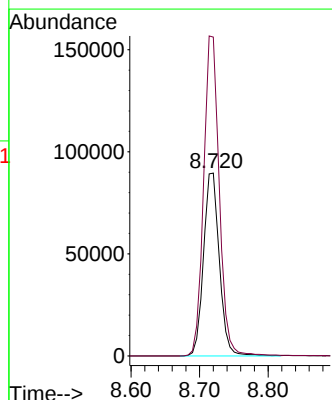
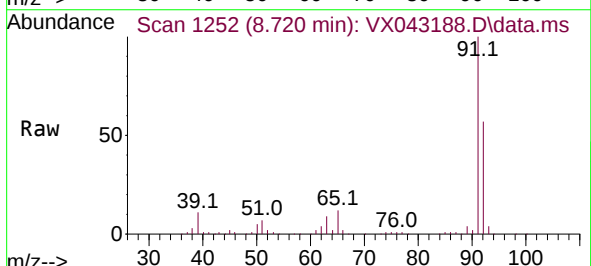
Acq: 26 Sep 2024 19:03

Tgt Ion: 92 Resp: 144338

Ion Ratio Lower Upper

92 100

91 173.6 135.9 203.9

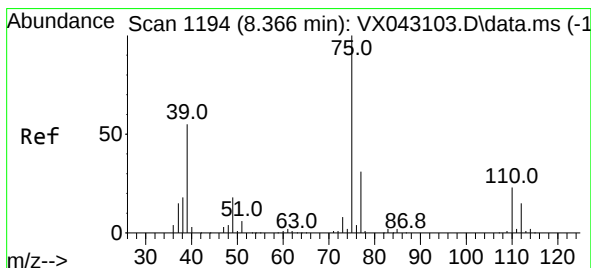
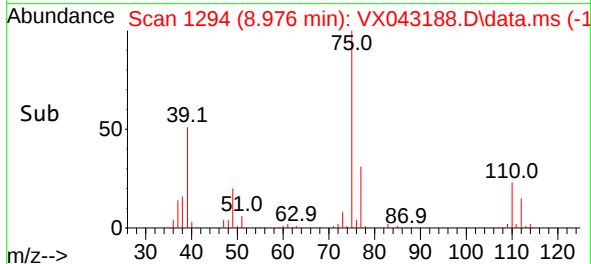
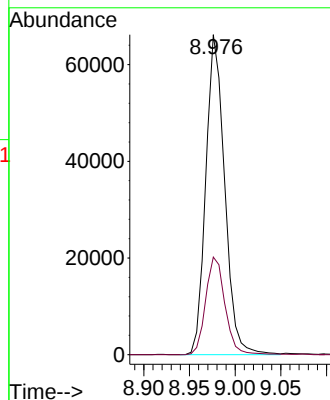
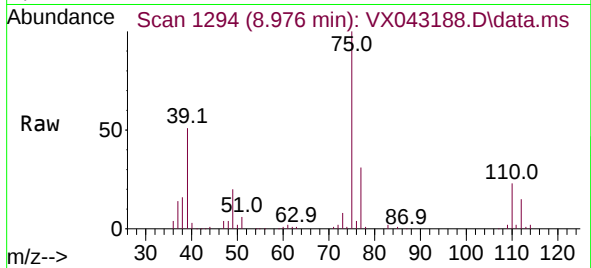




#53
 t-1,3-Dichloropropene
 Concen: 49.066 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

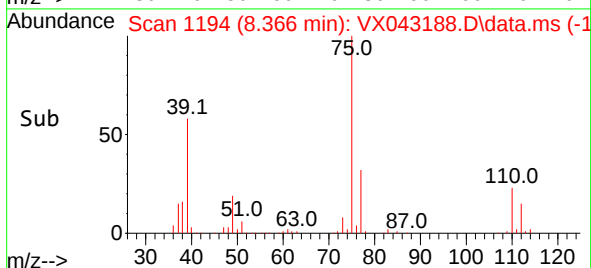
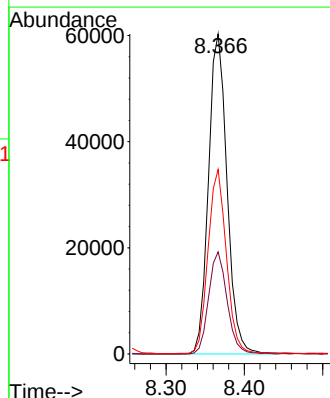
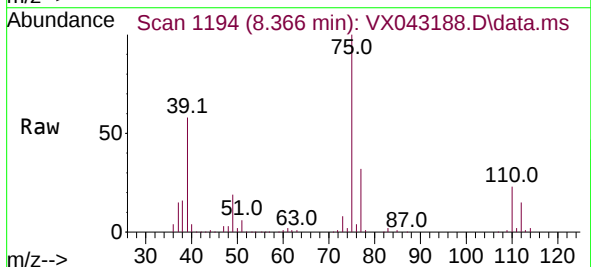
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

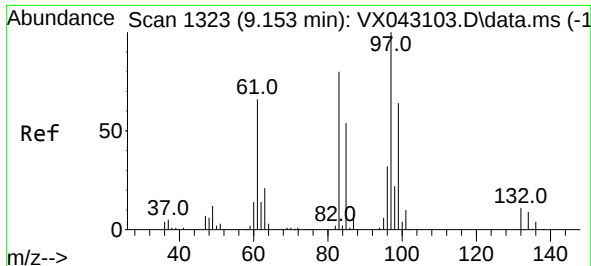
Tgt Ion: 75 Resp: 94858
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.304 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

Tgt Ion: 75 Resp: 99054
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 57.4 43.8 65.8

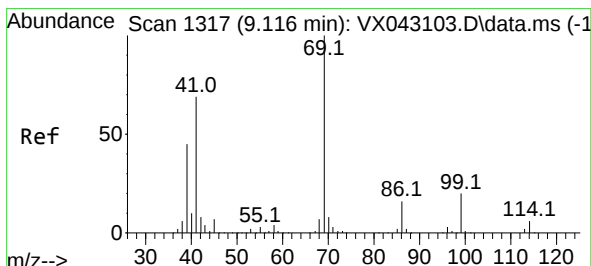
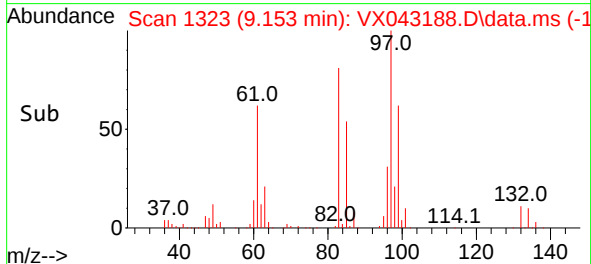
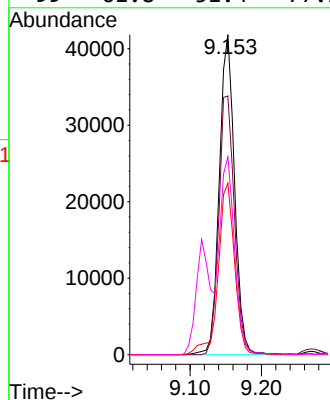
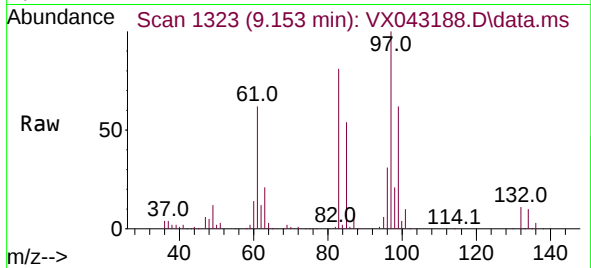




#55
1,1,2-Trichloroethane
Concen: 54.239 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

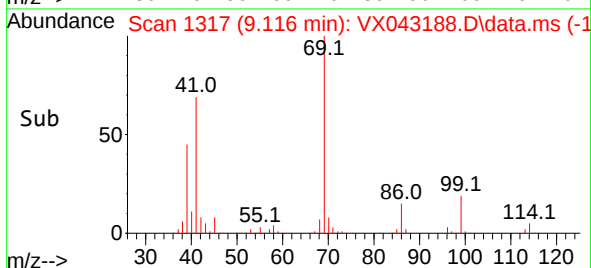
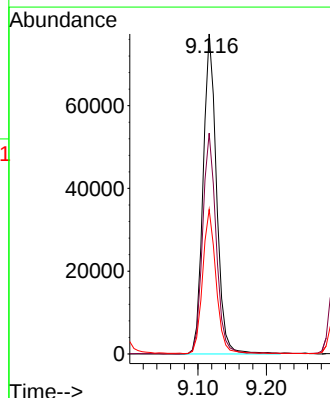
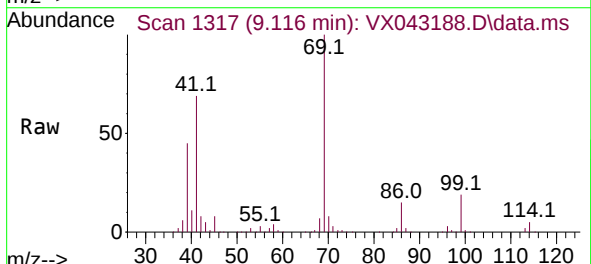
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

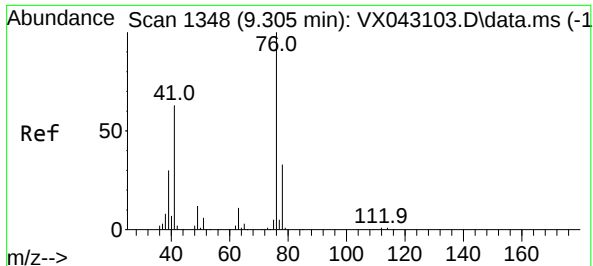
Tgt Ion:	97	Resp:	62104
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.2	96.4
85	53.6	43.0	64.6
99	61.8	51.4	77.2



#56
Ethyl methacrylate
Concen: 53.061 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:	69	Resp:	105721
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.4	83.2
39	45.1	36.3	54.5





#57

1,3-Dichloropropane

Concen: 52.967 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

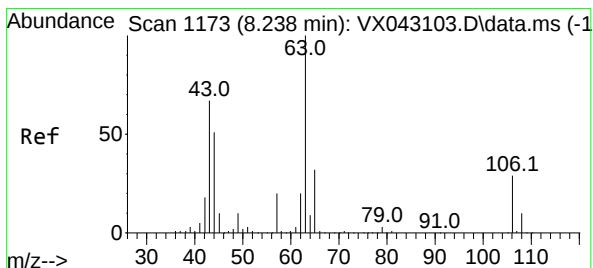
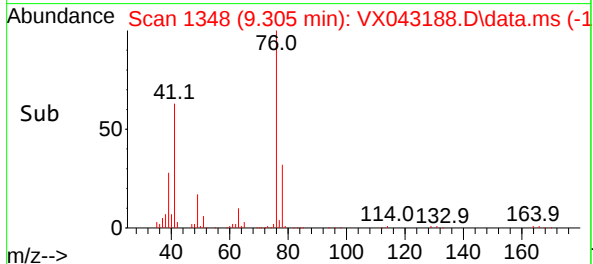
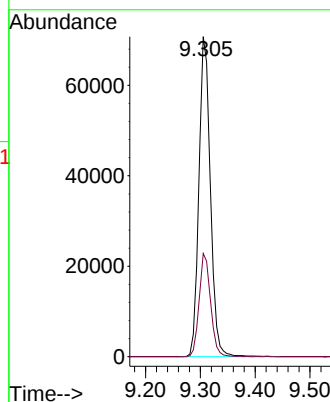
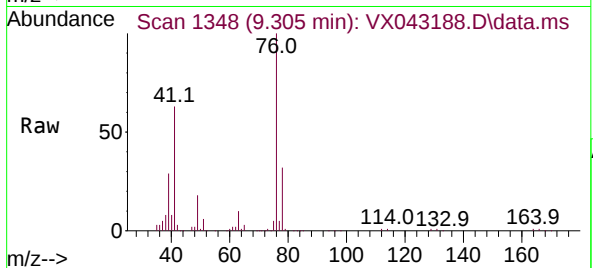
VSTDCCC050EC

Tgt Ion: 76 Resp: 103152

Ion Ratio Lower Upper

76 100

78 32.2 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 297.134 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX043188.D

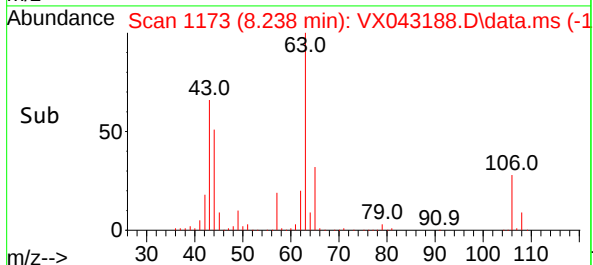
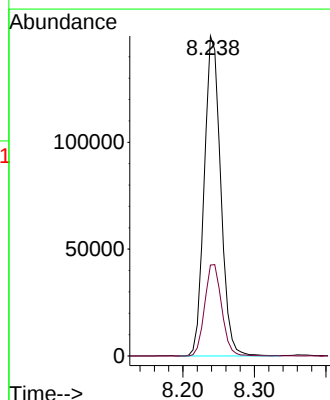
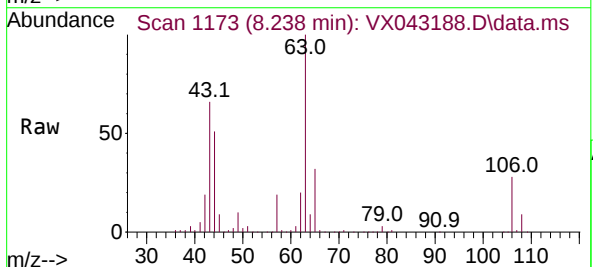
Acq: 26 Sep 2024 19:03

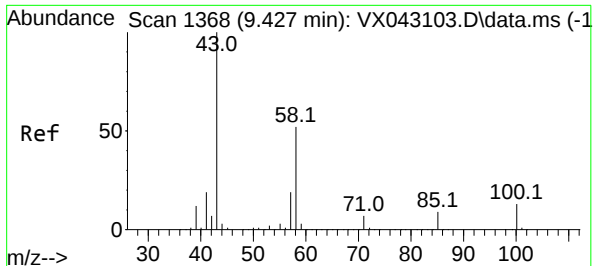
Tgt Ion: 63 Resp: 239377

Ion Ratio Lower Upper

63 100

106 29.5 24.0 36.0

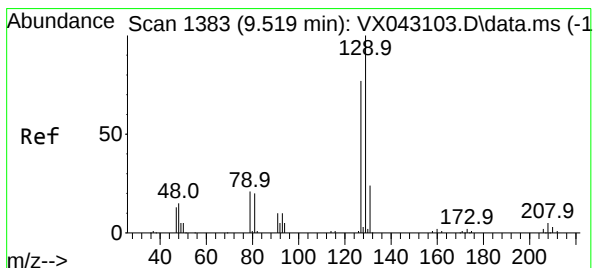
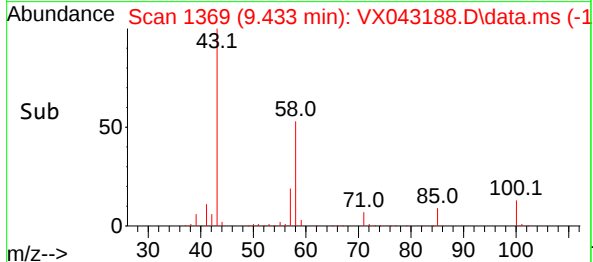
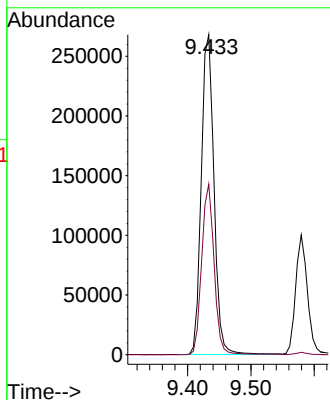
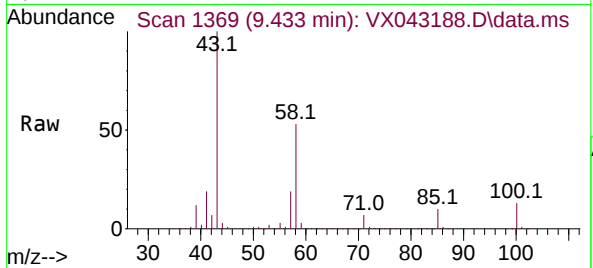




#59
2-Hexanone
Concen: 254.816 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

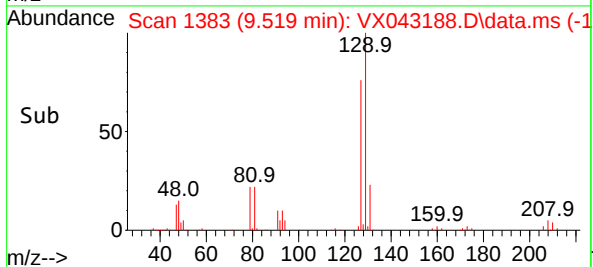
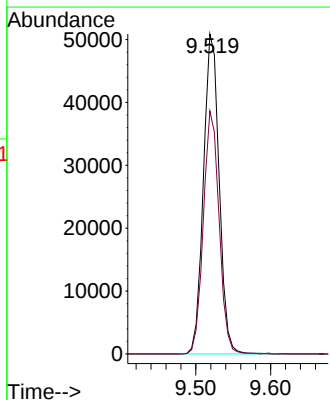
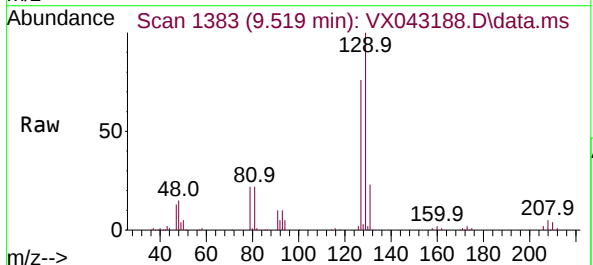
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

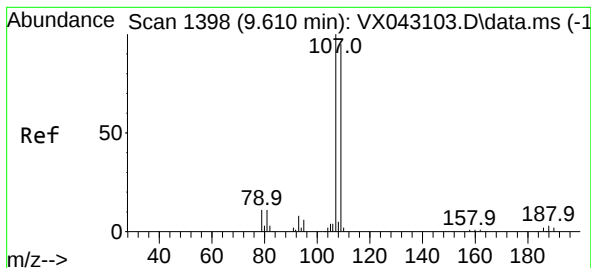
Tgt Ion: 43 Resp: 375807
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.2



#60
Dibromochloromethane
Concen: 49.678 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 129 Resp: 74283
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.395 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

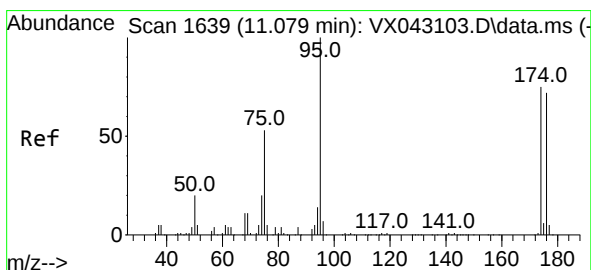
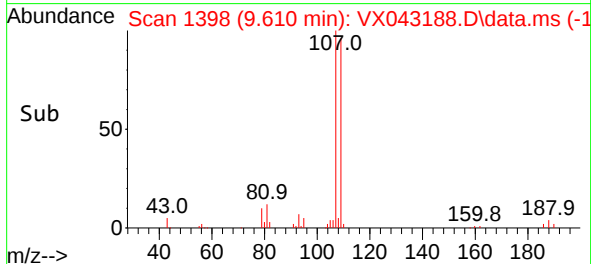
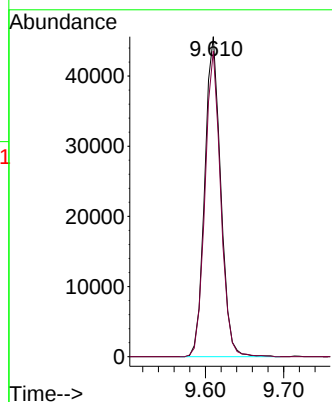
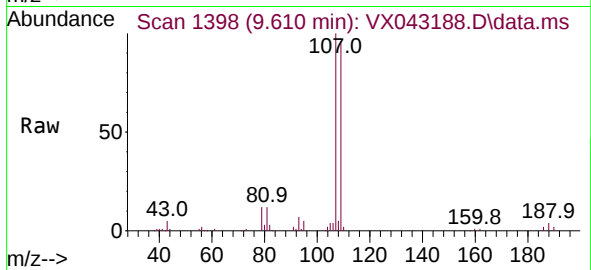
VSTDCCC050EC

Tgt Ion:107 Resp: 64389

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 46.983 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

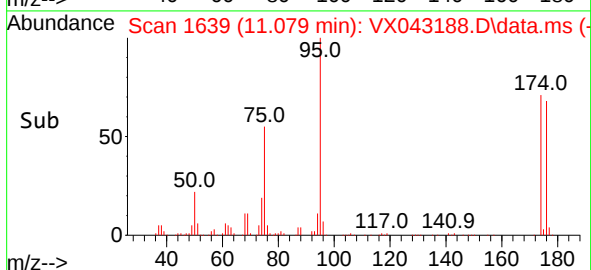
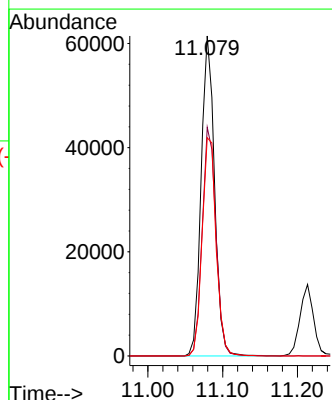
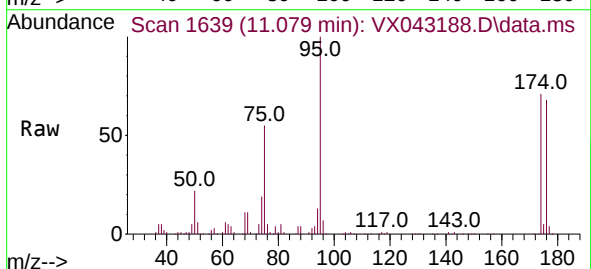
Tgt Ion: 95 Resp: 76237

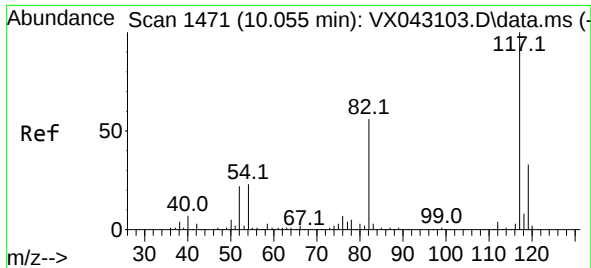
Ion Ratio Lower Upper

95 100

174 73.4 0.0 146.0

176 71.5 0.0 142.6

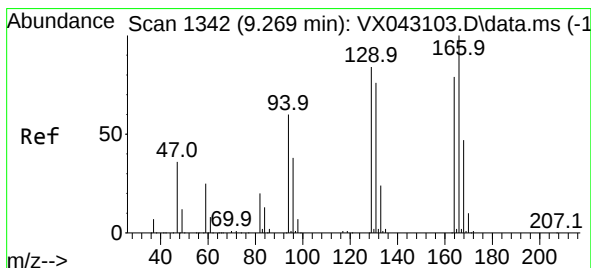
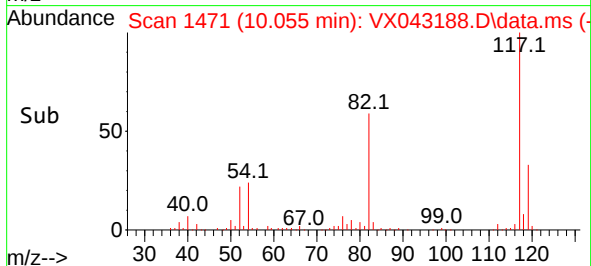
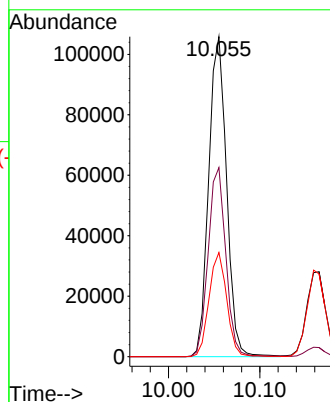
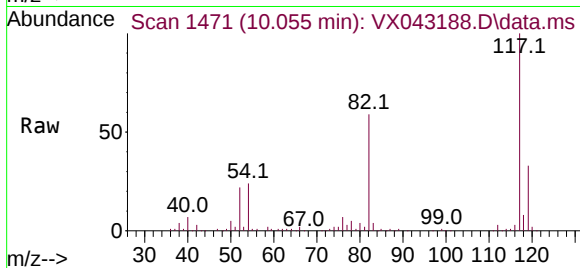




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

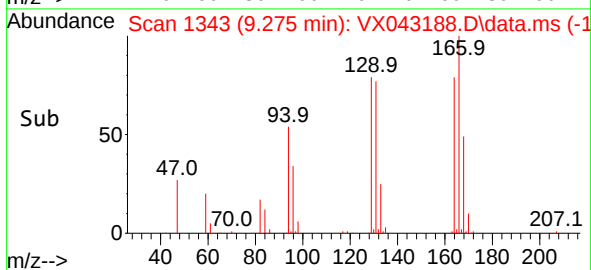
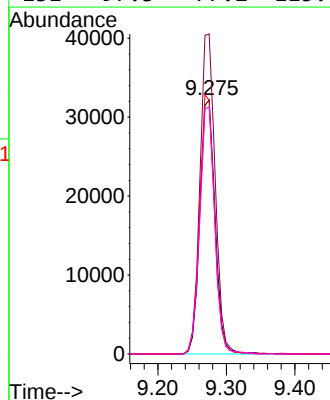
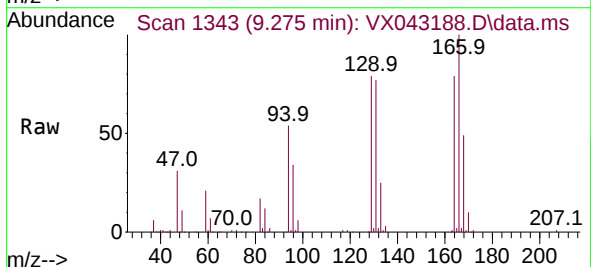
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

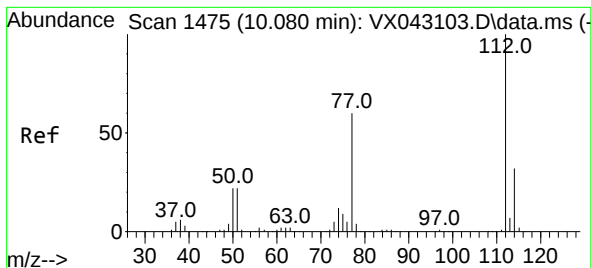
Tgt Ion:117 Resp: 143380
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 47.960 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:164 Resp: 49824
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 99.7 84.7 127.1
131 97.3 77.2 115.8





#65

Chlorobenzene

Concen: 52.168 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

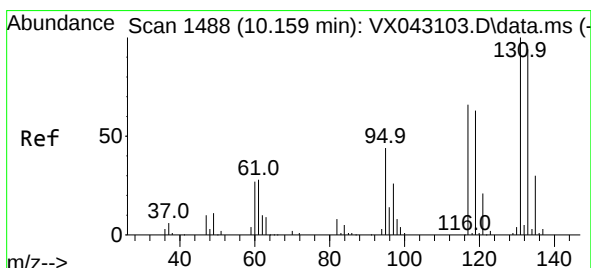
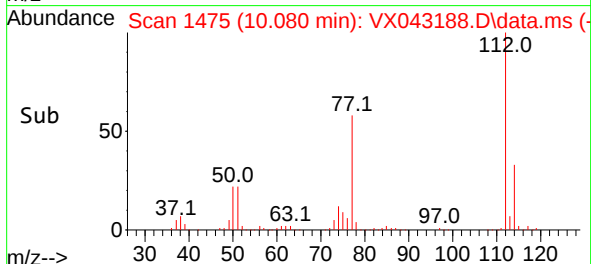
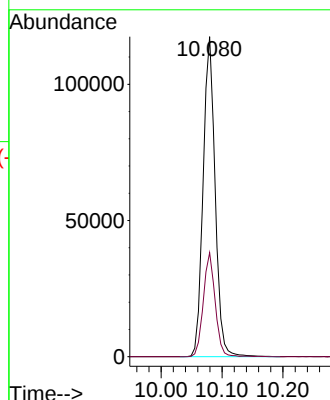
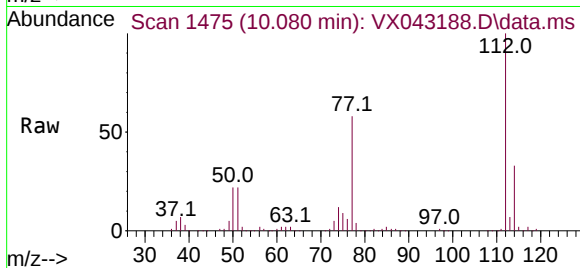
VSTDCCC050EC

Tgt Ion:112 Resp: 161358

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.237 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

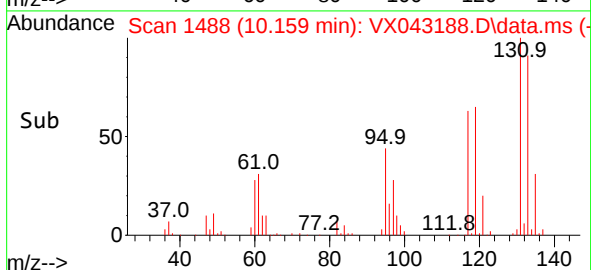
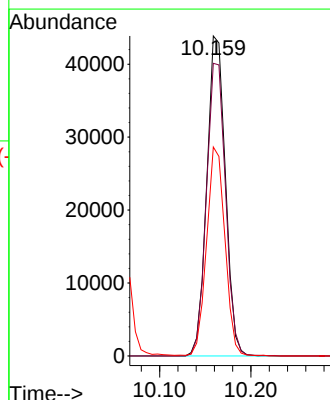
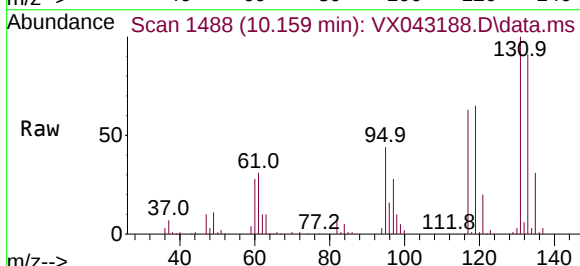
Tgt Ion:131 Resp: 61878

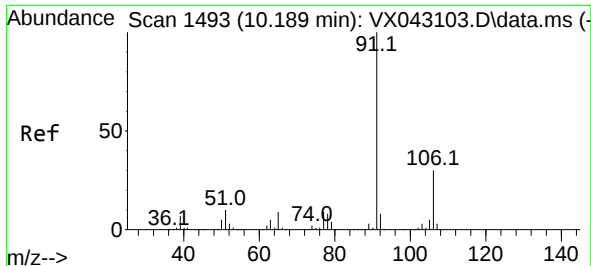
Ion Ratio Lower Upper

131 100

133 94.0 47.9 143.6

119 64.5 31.8 95.4





#67

Ethyl Benzene

Concen: 53.626 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

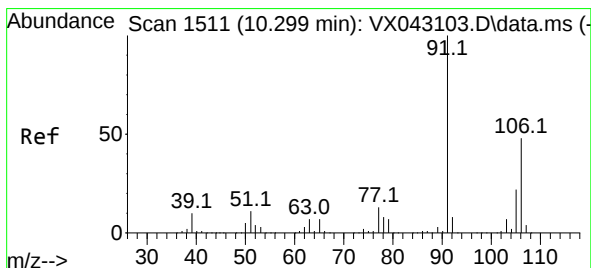
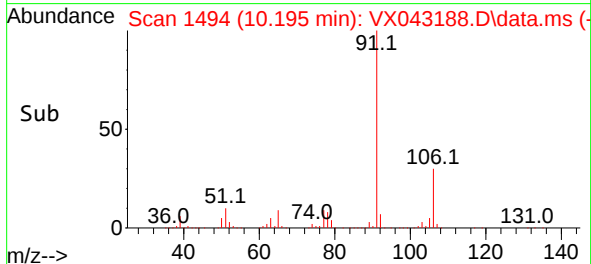
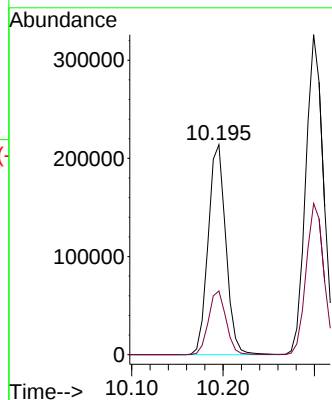
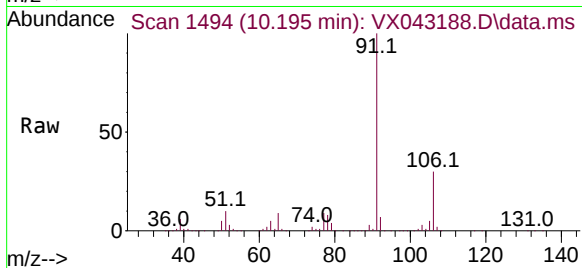
VSTDCCC050EC

Tgt Ion: 91 Resp: 286920

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 105.686 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043188.D

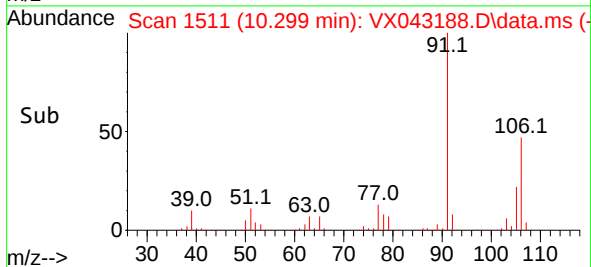
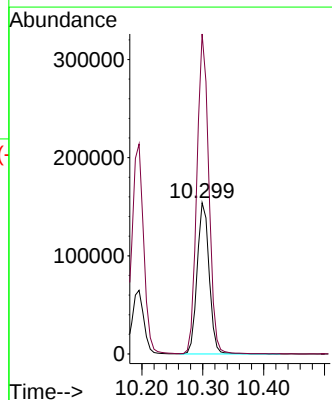
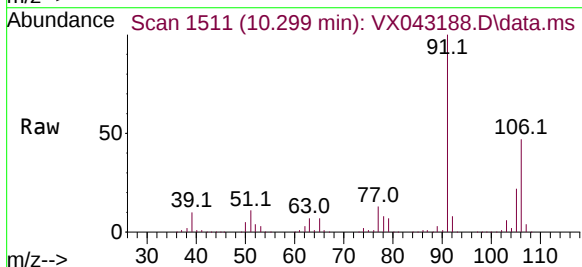
Acq: 26 Sep 2024 19:03

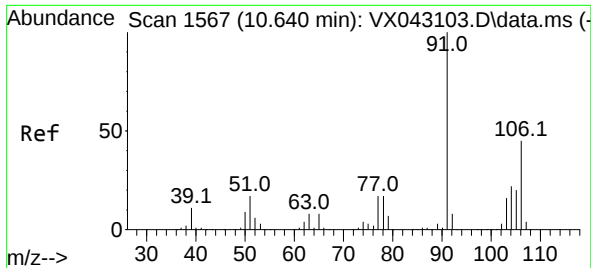
Tgt Ion:106 Resp: 210434

Ion Ratio Lower Upper

106 100

91 210.2 167.5 251.3

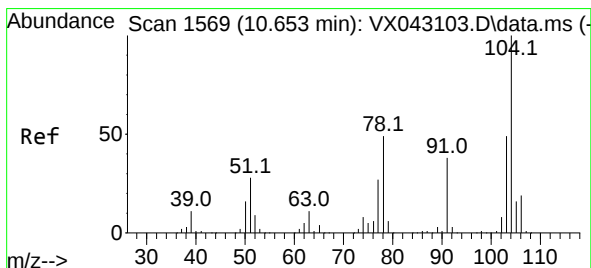
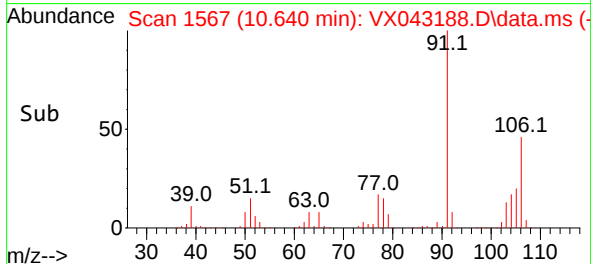
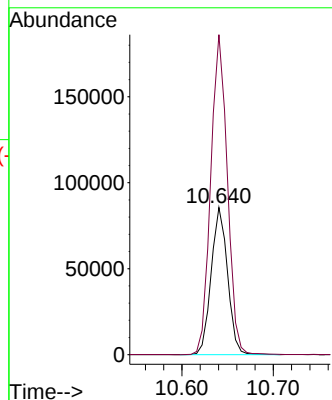
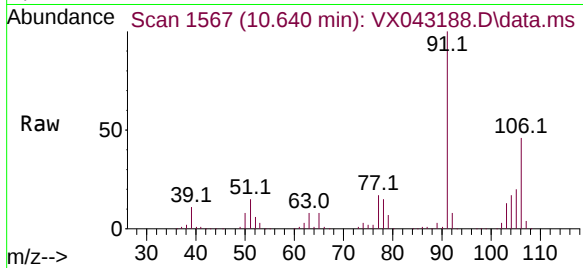




#69
o-Xylene
Concen: 53.239 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

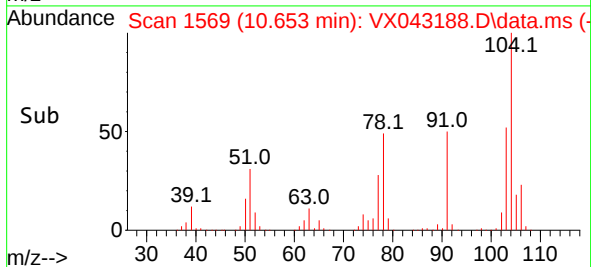
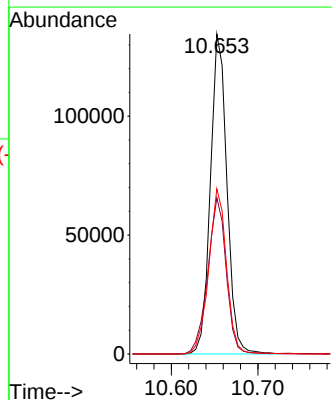
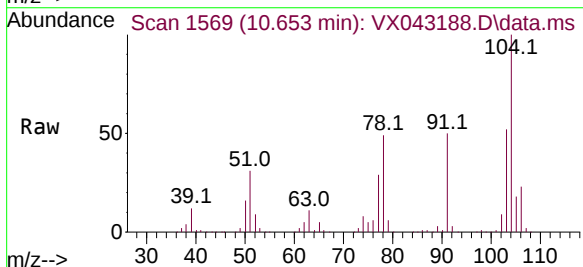
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

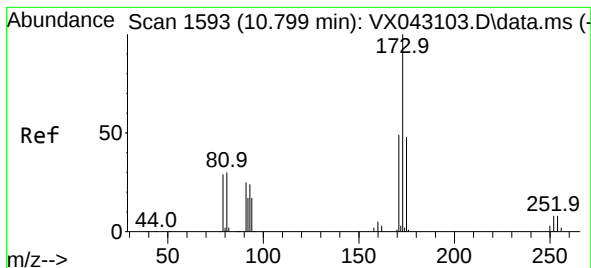
Tgt Ion:106 Resp: 106323
Ion Ratio Lower Upper
106 100
91 220.8 112.5 337.4



#70
Styrene
Concen: 53.685 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:104 Resp: 178838
Ion Ratio Lower Upper
104 100
78 54.4 44.3 66.5
103 55.5 43.4 65.0





#71

Bromoform

Concen: 48.048 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

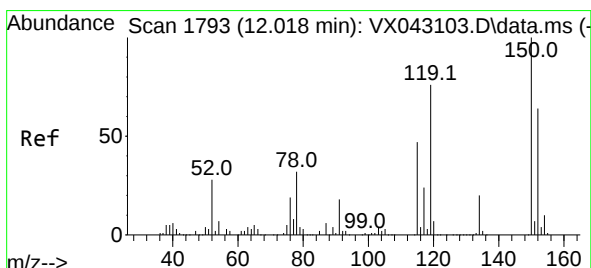
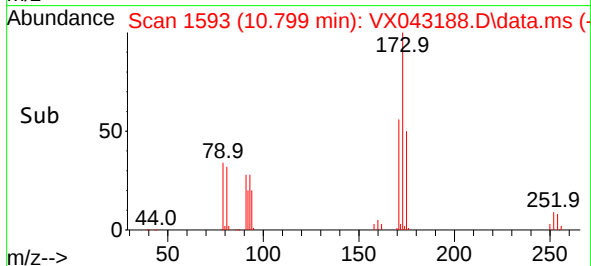
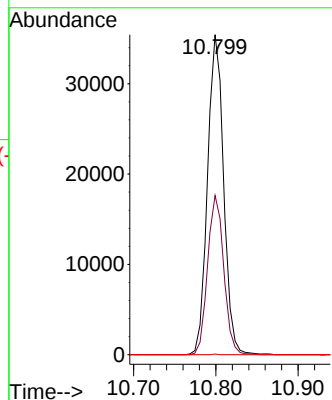
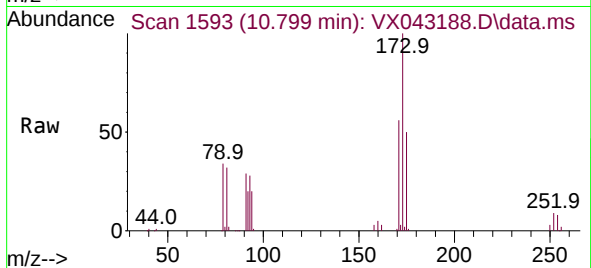
Tgt Ion:173 Resp: 48213

Ion Ratio Lower Upper

173 100

175 49.8 24.6 73.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

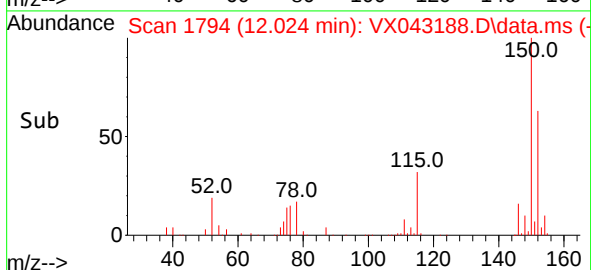
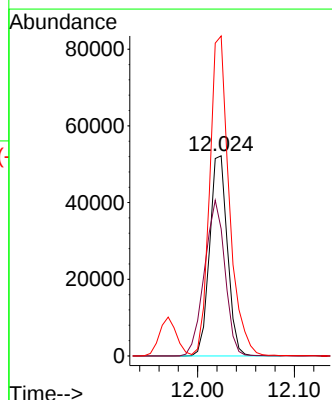
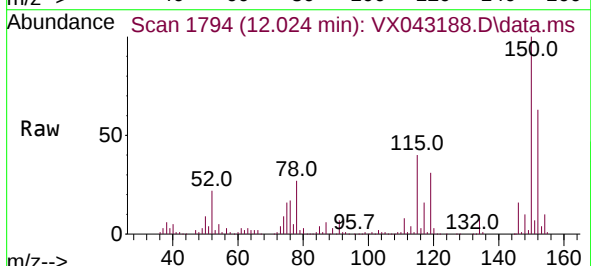
Tgt Ion:152 Resp: 66701

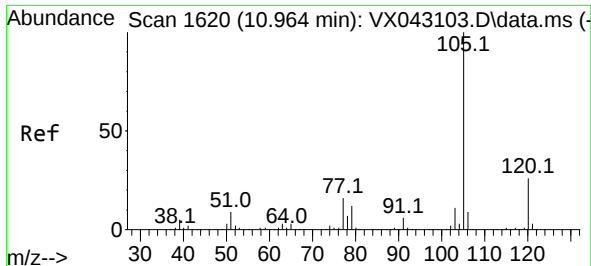
Ion Ratio Lower Upper

152 100

115 89.8 43.7 131.1

150 175.5 0.0 344.6

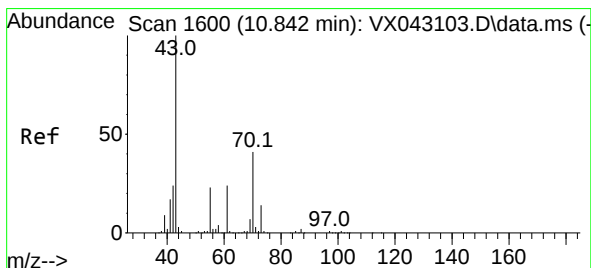
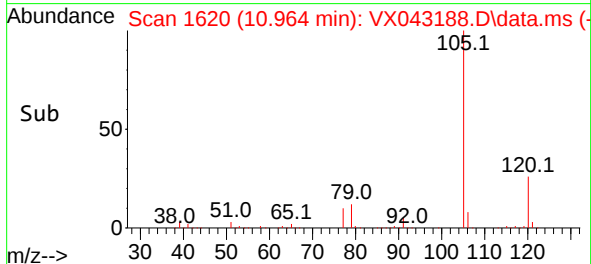
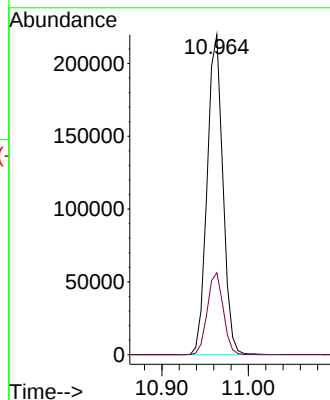
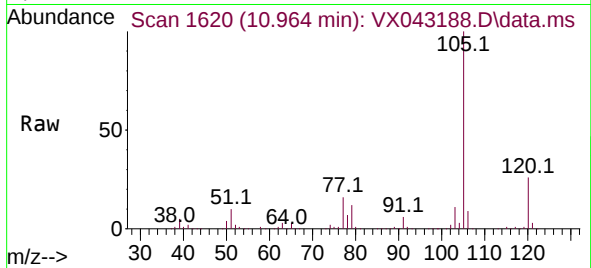




#73
Isopropylbenzene
Concen: 55.330 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

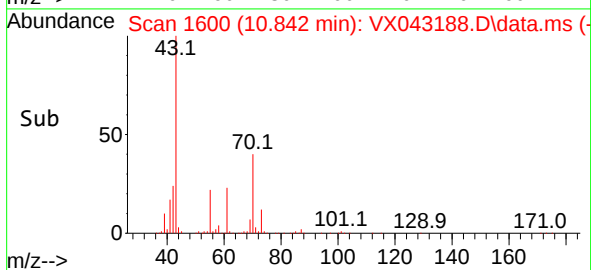
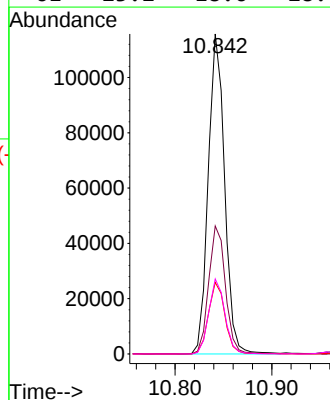
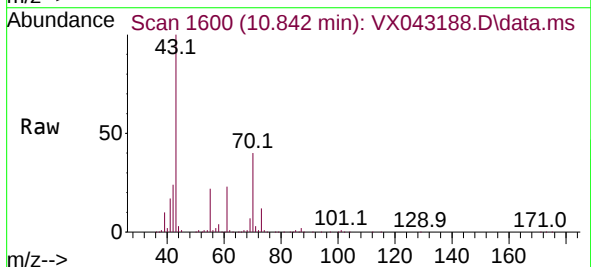
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

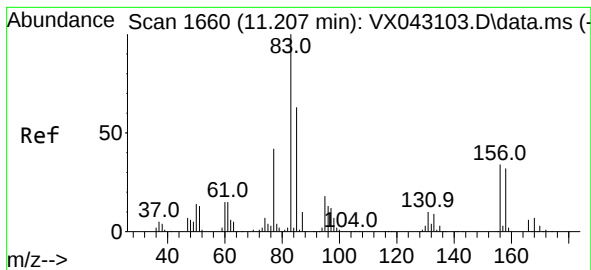
Tgt Ion:105 Resp: 276779
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 58.052 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 43 Resp: 136442
Ion Ratio Lower Upper
43 100
70 41.0 32.5 48.7
55 22.7 18.2 27.4
61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.891 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

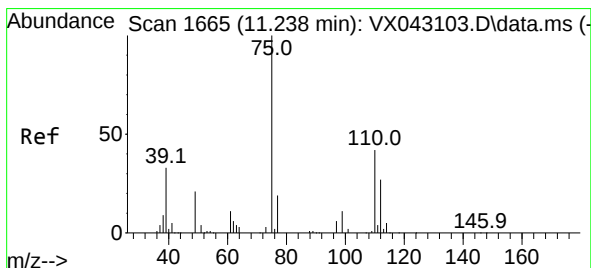
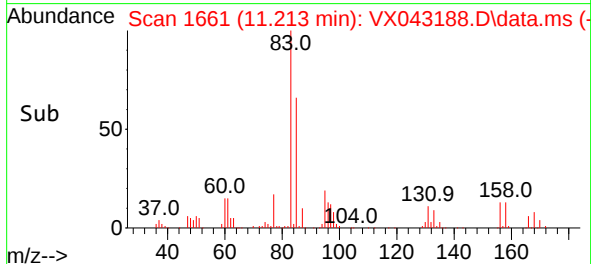
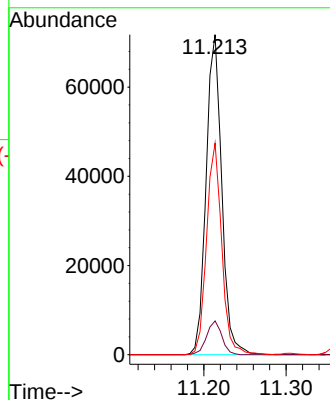
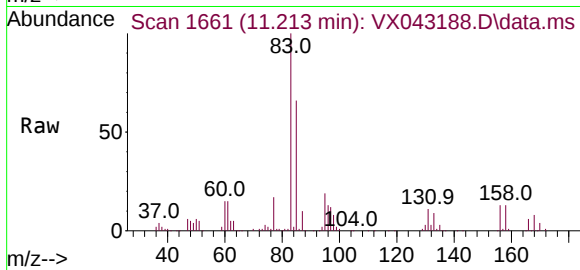
Tgt Ion: 83 Resp: 94795

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 76.111 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043188.D

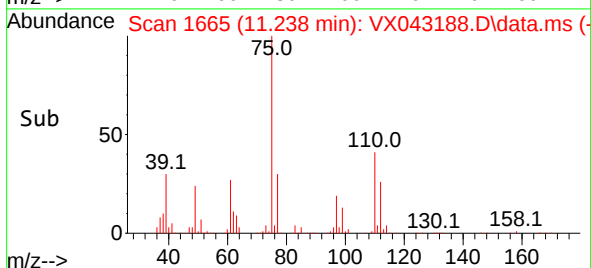
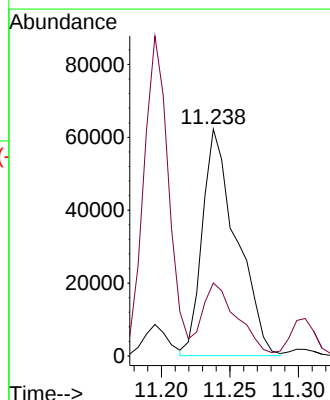
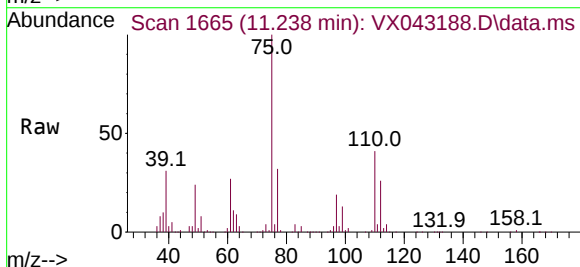
Acq: 26 Sep 2024 19:03

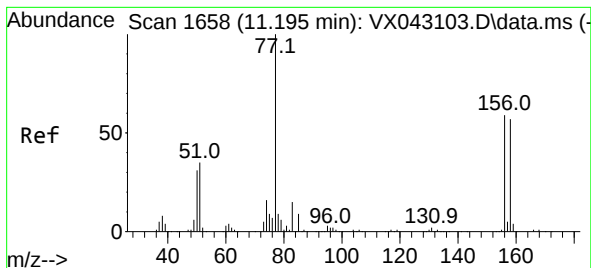
Tgt Ion: 75 Resp: 107934

Ion Ratio Lower Upper

75 100

77 32.9 21.9 65.7





#77

Bromobenzene

Concen: 54.938 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

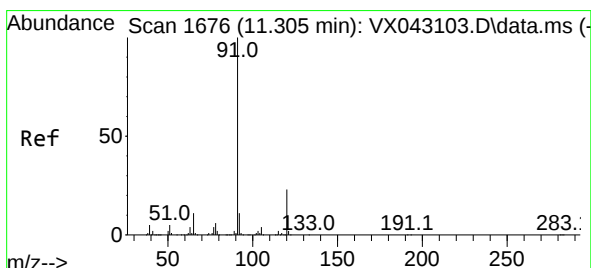
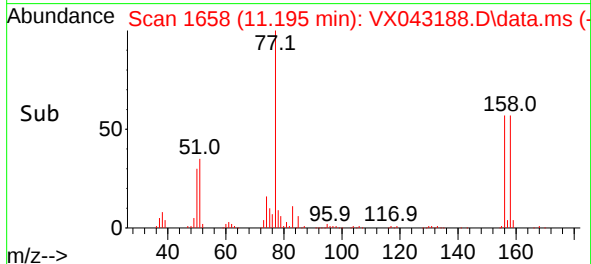
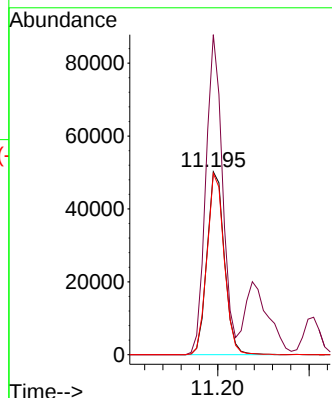
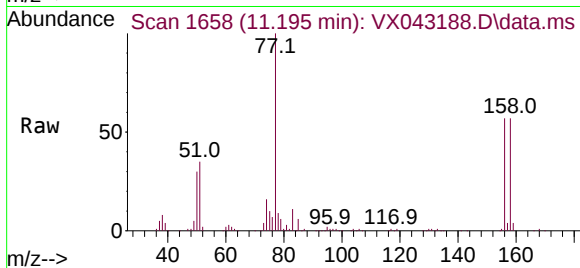
Tgt Ion:156 Resp: 65974

Ion Ratio Lower Upper

156 100

77 168.4 82.5 247.3

158 98.4 48.2 144.6



#78

n-propylbenzene

Concen: 55.087 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043188.D

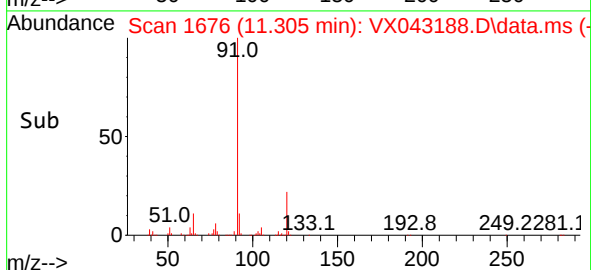
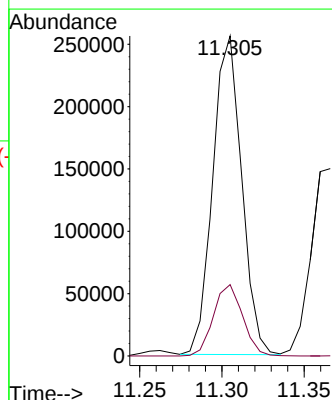
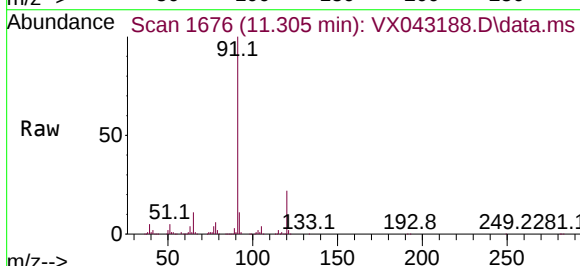
Acq: 26 Sep 2024 19:03

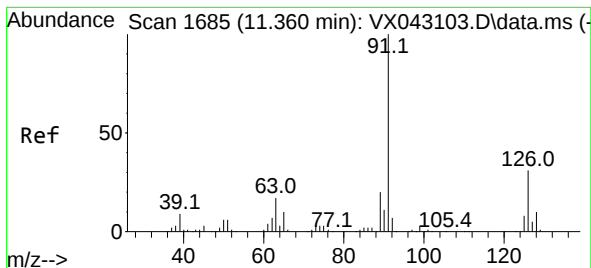
Tgt Ion: 91 Resp: 312638

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 54.360 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

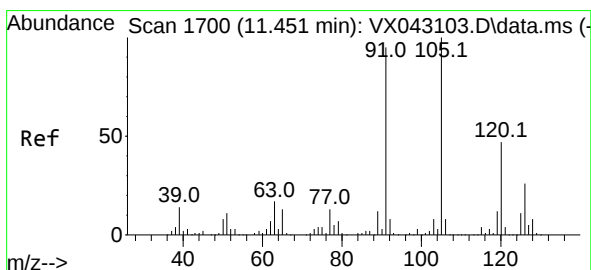
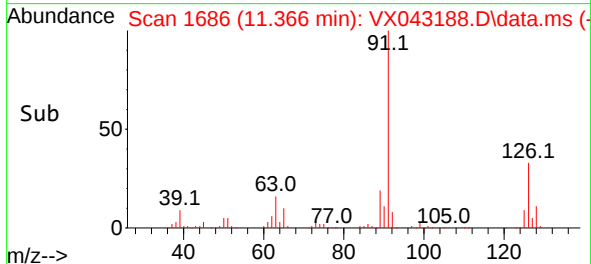
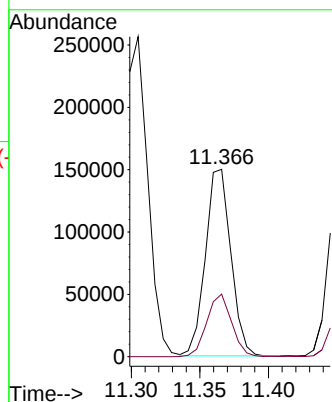
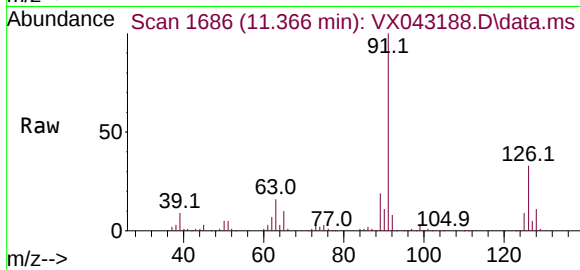
VSTDCCC050EC

Tgt Ion: 91 Resp: 193505

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 54.832 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043188.D

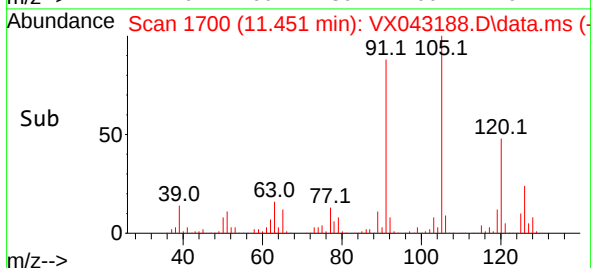
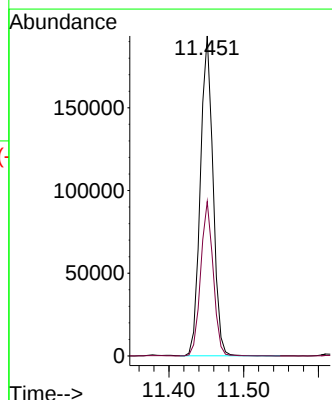
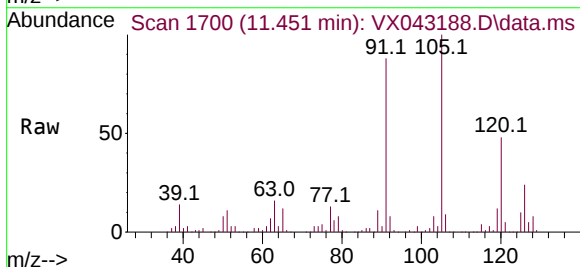
Acq: 26 Sep 2024 19:03

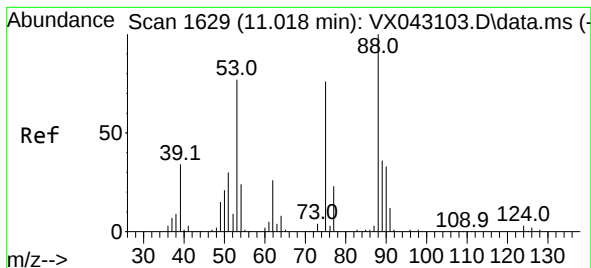
Tgt Ion:105 Resp: 226937

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.5

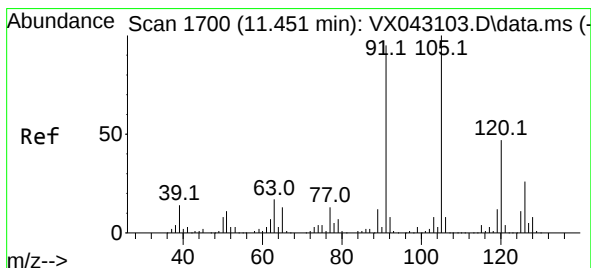
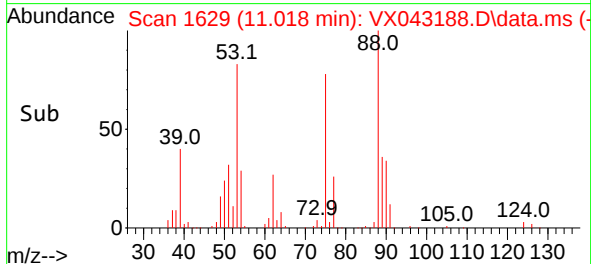
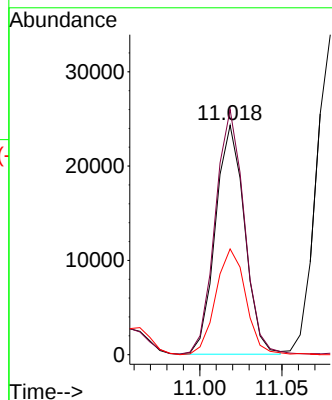
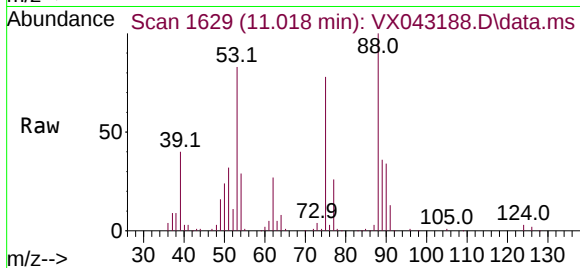




#81
trans-1,4-Dichloro-2-butene
Concen: 50.247 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

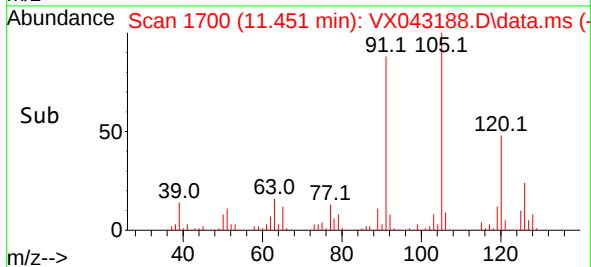
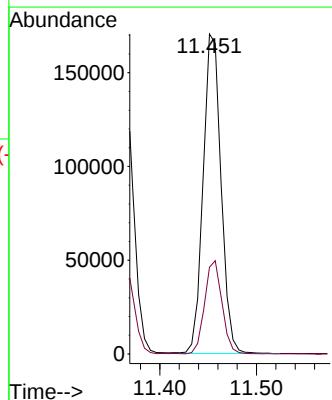
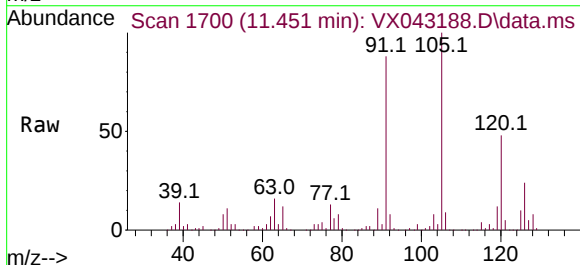
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

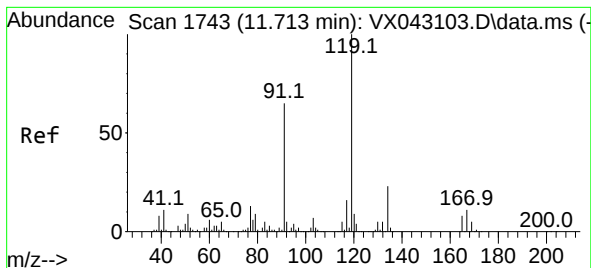
Tgt Ion: 75 Resp: 29907
Ion Ratio Lower Upper
75 100
53 106.6 85.4 128.2
89 47.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.084 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 91 Resp: 220052
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4

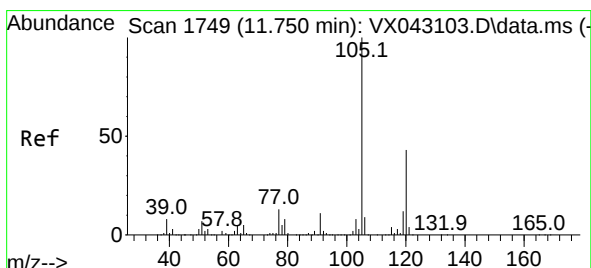
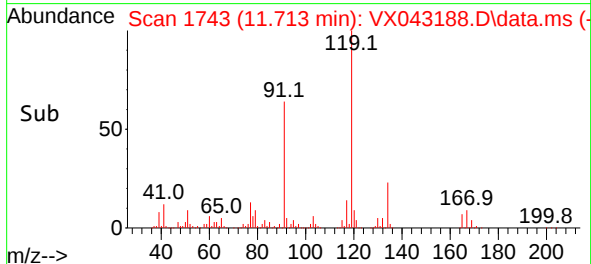
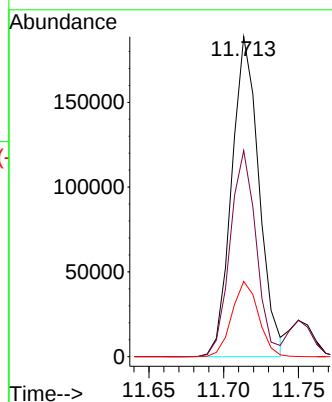
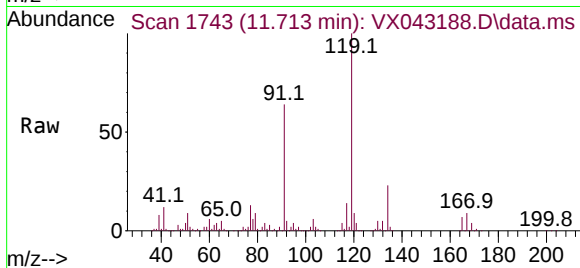




#83
tert-Butylbenzene
Concen: 56.262 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

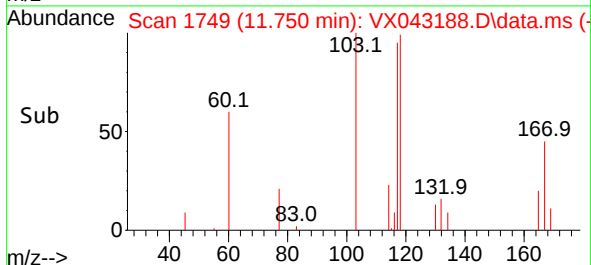
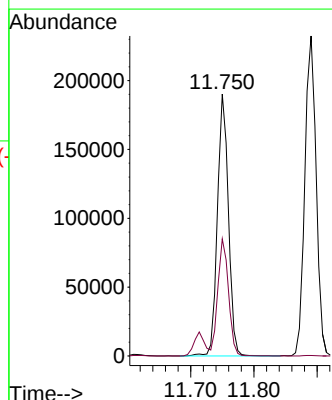
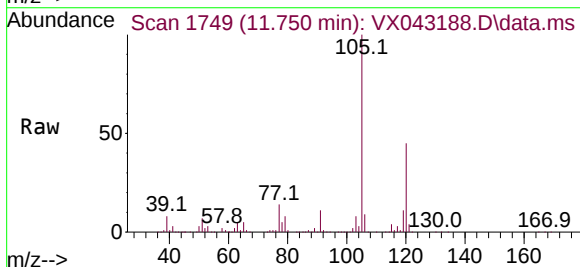
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

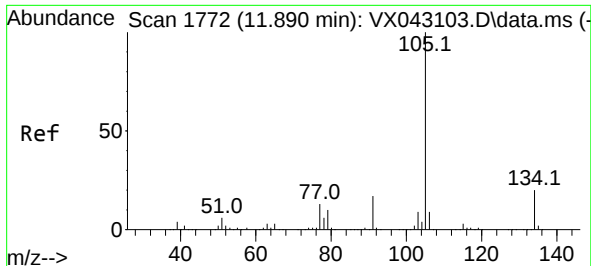
Tgt Ion:119 Resp: 239945
Ion Ratio Lower Upper
119 100
91 61.9 31.8 95.3
134 22.9 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 55.646 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:105 Resp: 229128
Ion Ratio Lower Upper
105 100
120 43.2 21.8 65.4

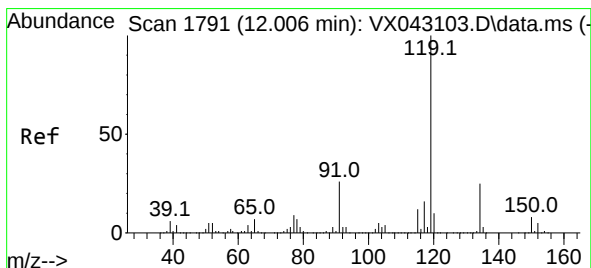
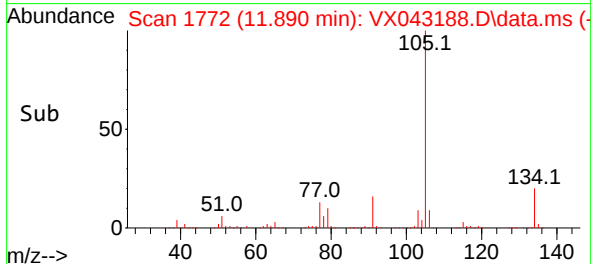
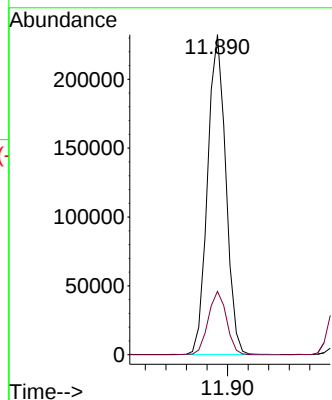
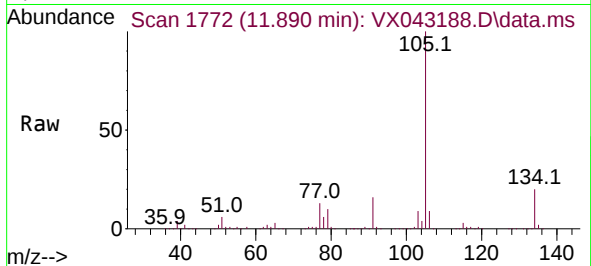




#85
 sec-Butylbenzene
 Concen: 54.639 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

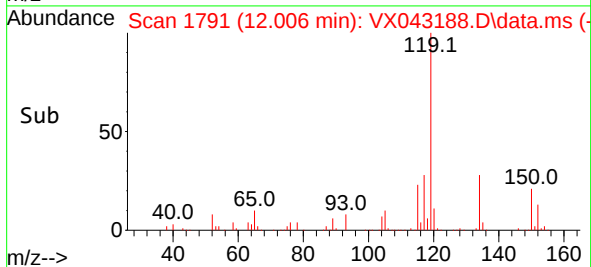
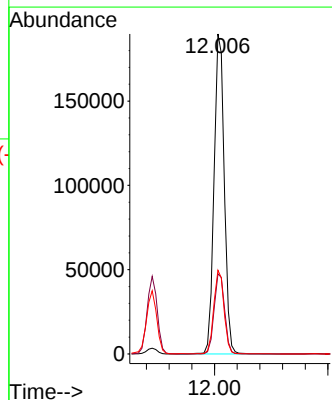
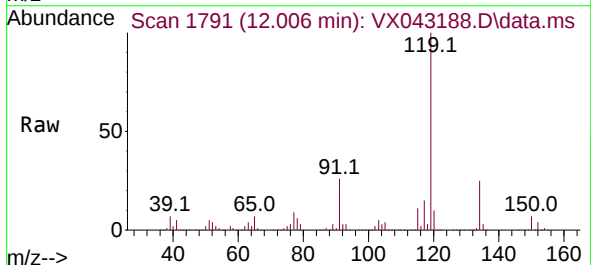
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

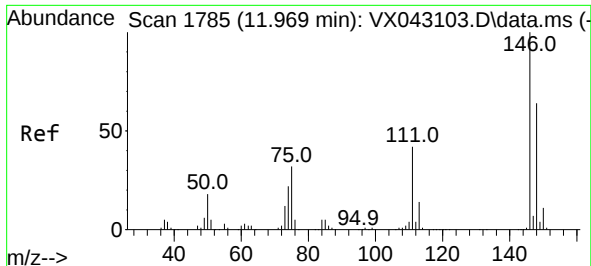
Tgt Ion:105 Resp: 286392
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 54.573 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043188.D
 Acq: 26 Sep 2024 19:03

Tgt Ion:119 Resp: 237482
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 26.0 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 54.169 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

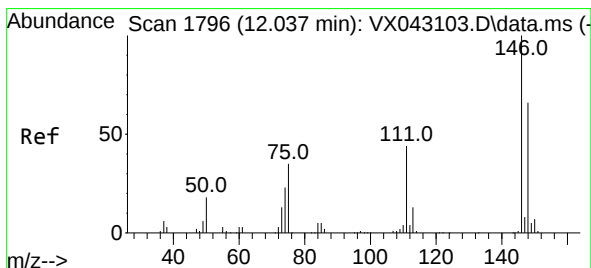
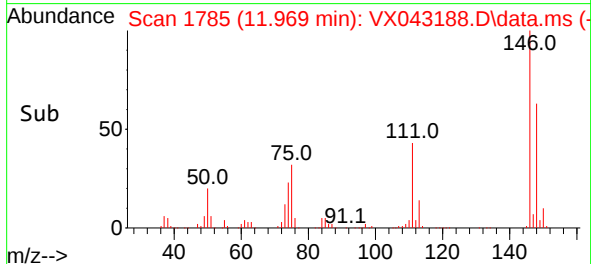
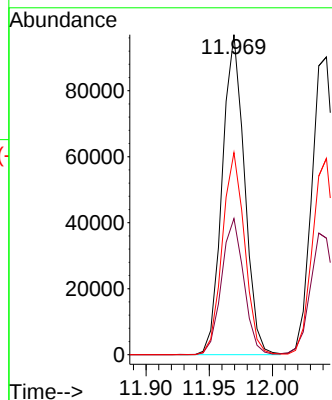
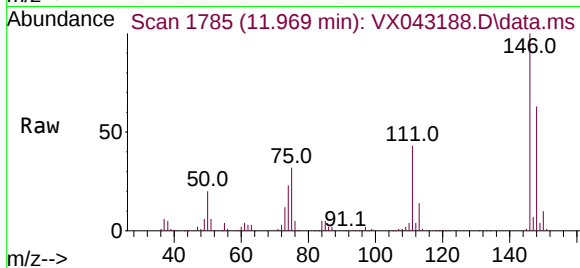
Tgt Ion:146 Resp: 118610

Ion Ratio Lower Upper

146 100

111 42.5 21.6 64.6

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 54.138 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

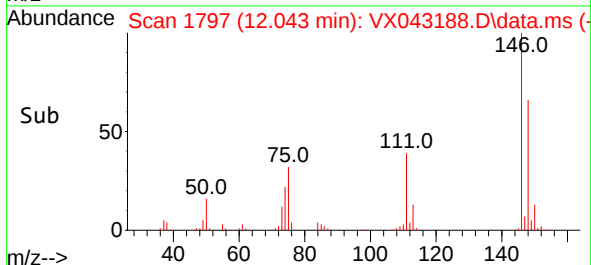
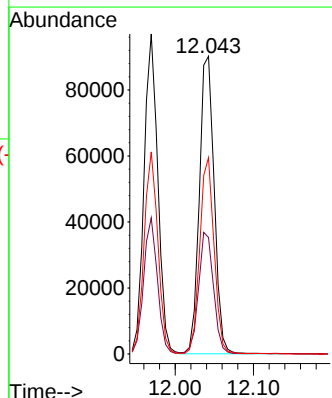
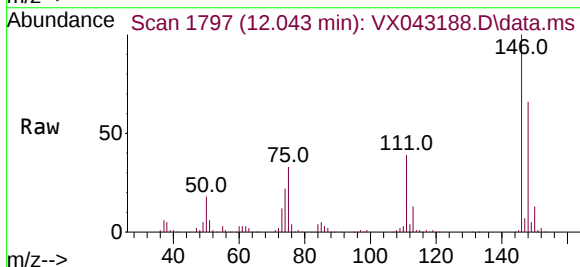
Tgt Ion:146 Resp: 118872

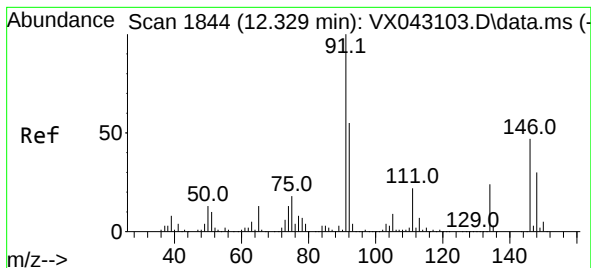
Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

148 63.4 32.6 98.0





#89

n-Butylbenzene

Concen: 52.886 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

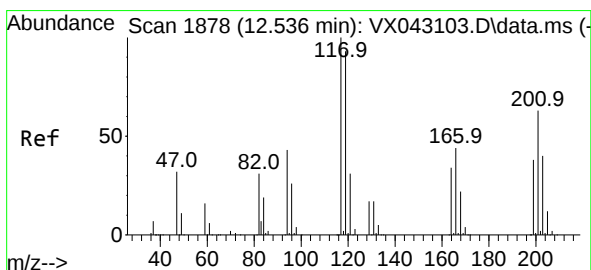
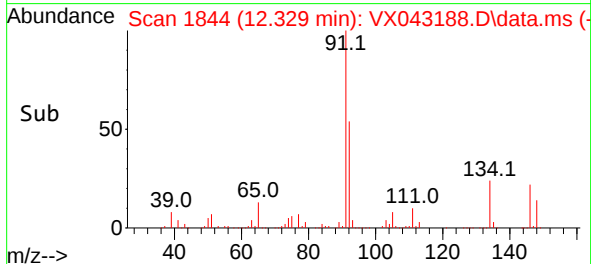
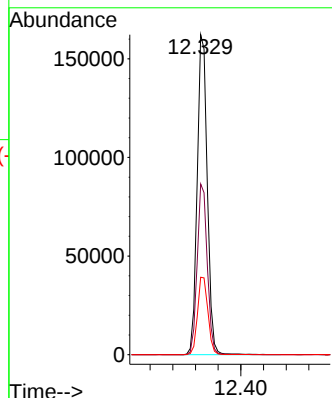
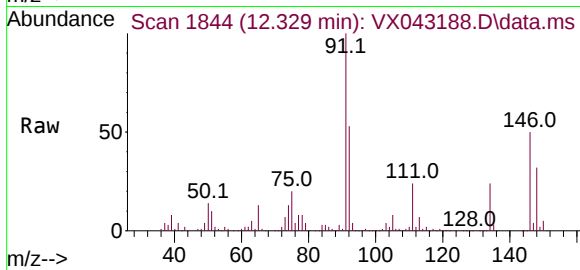
Tgt Ion: 91 Resp: 200568

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 53.374 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043188.D

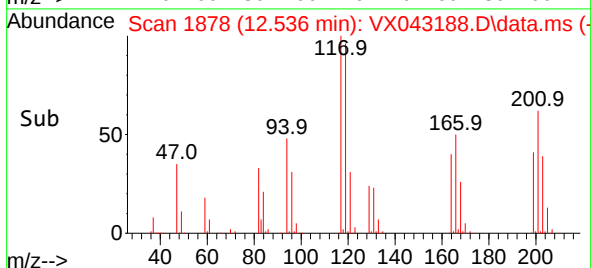
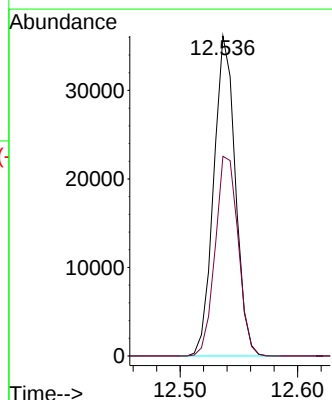
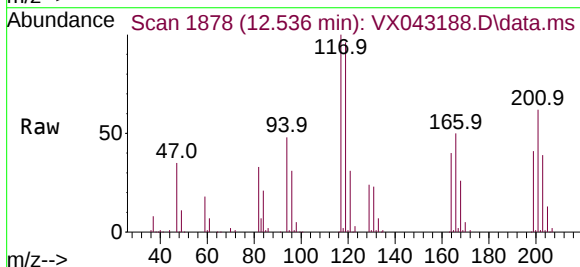
Acq: 26 Sep 2024 19:03

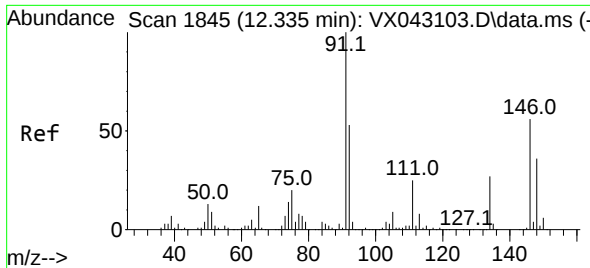
Tgt Ion: 117 Resp: 46288

Ion Ratio Lower Upper

117 100

201 66.2 32.9 98.6

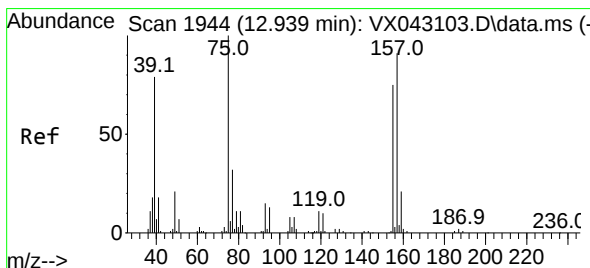
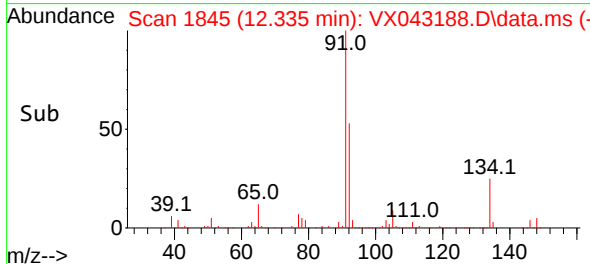
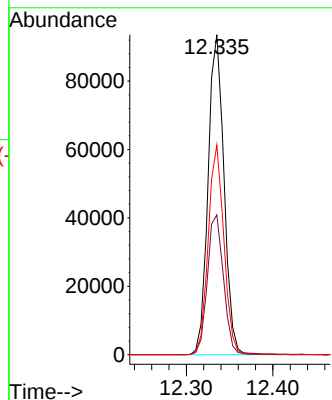
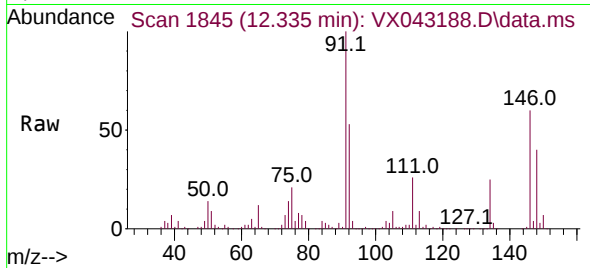




#91
1,2-Dichlorobenzene
Concen: 55.298 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

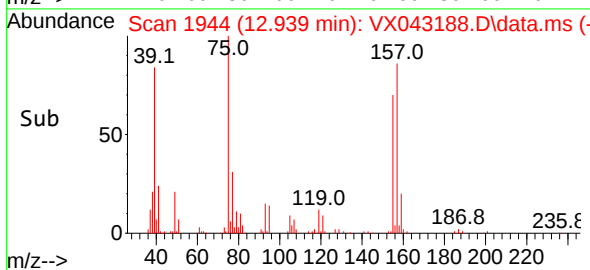
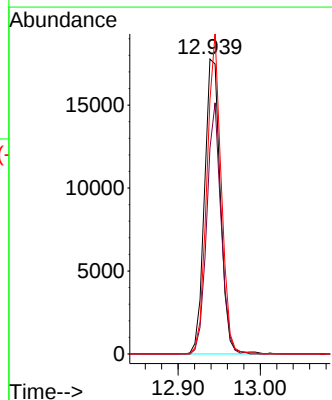
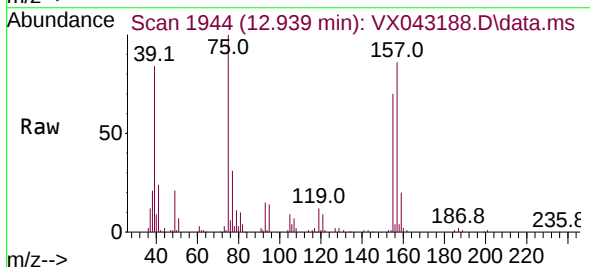
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

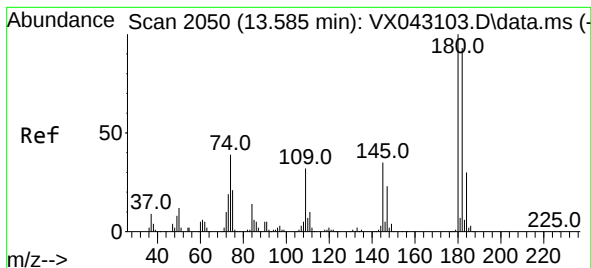
Tgt Ion:146 Resp: 119243
Ion Ratio Lower Upper
146 100
111 44.3 22.6 67.8
148 64.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.637 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion: 75 Resp: 23778
Ion Ratio Lower Upper
75 100
155 76.5 38.6 115.8
157 98.1 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 53.165 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

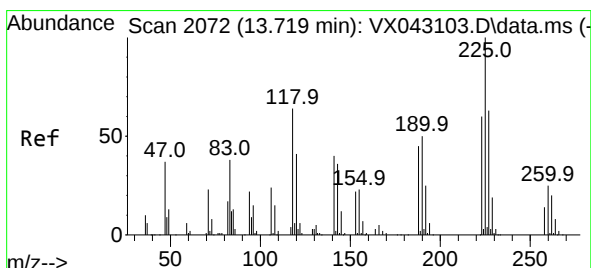
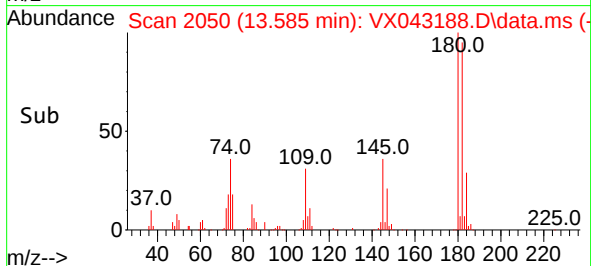
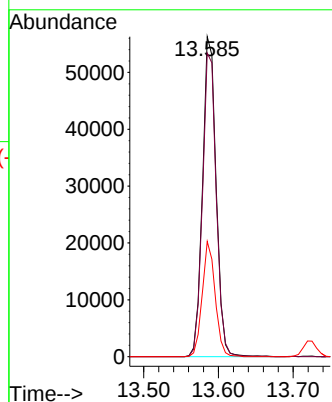
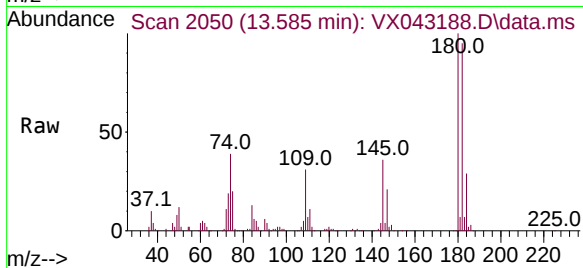
Tgt Ion:180 Resp: 71077

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 34.2 17.0 50.9



#94

Hexachlorobutadiene

Concen: 48.380 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX043188.D

Acq: 26 Sep 2024 19:03

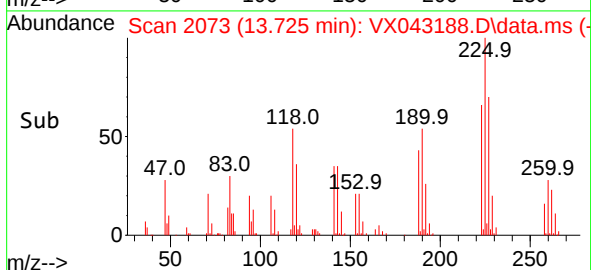
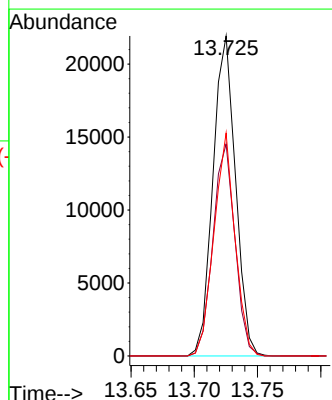
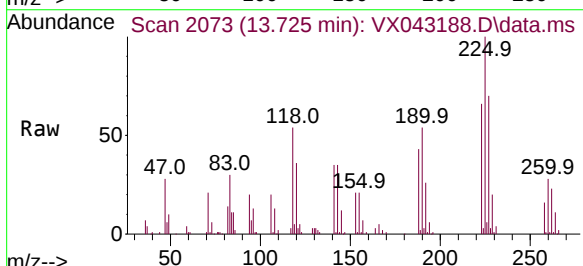
Tgt Ion:225 Resp: 27175

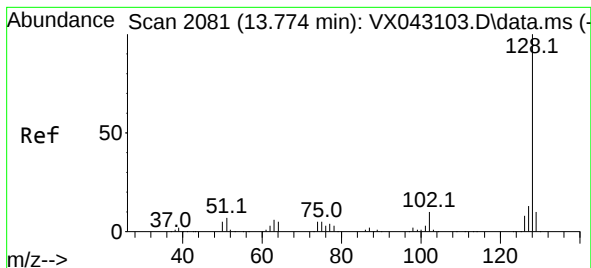
Ion Ratio Lower Upper

225 100

223 64.5 31.8 95.4

227 65.1 31.9 95.7

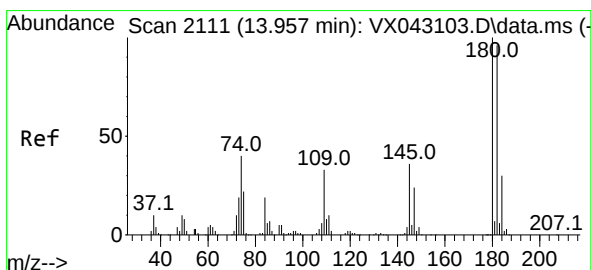
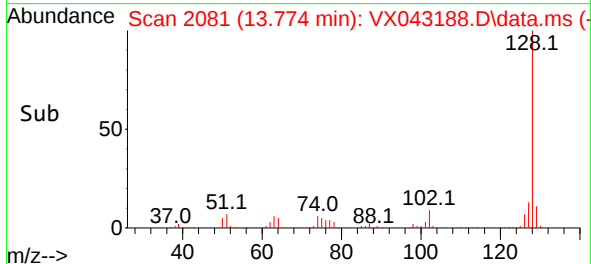
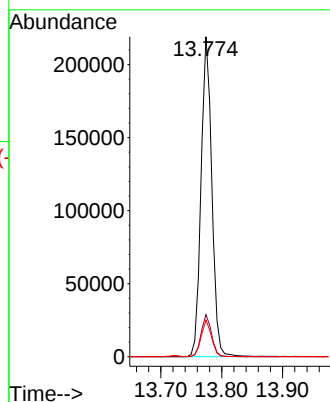
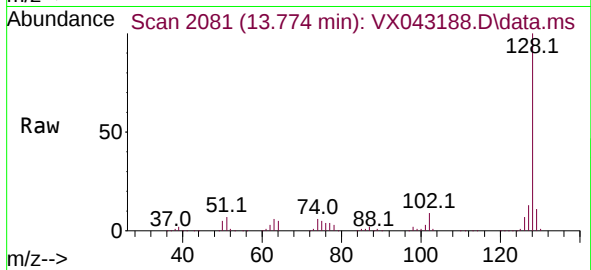




#95
Naphthalene
Concen: 57.794 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 268561
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.411 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043188.D
Acq: 26 Sep 2024 19:03

Tgt Ion:180 Resp: 74930
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 34.9 17.7 53.1

