

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044333.D
 Acq On : 16 Dec 2024 18:49
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 17 00:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	131409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110138	47.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.600%
35) Dibromofluoromethane	5.379	113	81332	50.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	8.647	98	279477	51.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	11.079	95	94782	50.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	94334	46.426	ug/l	96
3) Chloromethane	1.295	50	97458	50.157	ug/l	98
4) Vinyl Chloride	1.374	62	99317	49.063	ug/l	100
5) Bromomethane	1.593	94	65229	45.421	ug/l	98
6) Chloroethane	1.660	64	59169	46.941	ug/l	98
7) Trichlorofluoromethane	1.868	101	186576	47.080	ug/l	99
8) Diethyl Ether	2.136	74	62295	46.052	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	77254	48.175	ug/l	98
10) Methyl Iodide	2.441	142	105717	50.020	ug/l	99
11) Tert butyl alcohol	2.995	59	65226	200.868	ug/l	99
12) 1,1-Dichloroethene	2.307	96	72927	49.511	ug/l	94
13) Acrolein	2.239	56	114760	244.147	ug/l	100
14) Allyl chloride	2.654	41	124692	50.825	ug/l	99
15) Acrylonitrile	3.069	53	222506	247.369	ug/l	99
16) Acetone	2.392	43	211455	225.115	ug/l	97
17) Carbon Disulfide	2.502	76	132161	47.203	ug/l	99
18) Methyl Acetate	2.709	43	120277	49.662	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	276265	48.064	ug/l	99
20) Methylene Chloride	2.782	84	88101	49.936	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	78744	50.302	ug/l	98
22) Diisopropyl ether	3.764	45	273007	49.417	ug/l	99
23) Vinyl Acetate	3.721	43	1161562	258.615	ug/l	98
24) 1,1-Dichloroethane	3.605	63	158212	51.376	ug/l	98
25) 2-Butanone	4.568	43	323048	241.916	ug/l	97
26) 2,2-Dichloropropane	4.465	77	117453	46.948	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	98286	49.437	ug/l	96
28) Bromochloromethane	4.904	49	71265	47.193	ug/l	99
29) Tetrahydrofuran	5.007	42	204569	238.667	ug/l	99
30) Chloroform	5.087	83	168114	48.589	ug/l	97
31) Cyclohexane	5.458	56	122737	49.357	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	139932	48.722	ug/l	99
36) 1,1-Dichloropropene	5.690	75	104331	50.536	ug/l	98
37) Ethyl Acetate	4.721	43	129379	50.697	ug/l	99
38) Carbon Tetrachloride	5.672	117	112527	50.627	ug/l	97
39) Methylcyclohexane	7.373	83	127538	51.675	ug/l	98
40) Benzene	6.031	78	331005	52.807	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67869	50.084	ug/l	99
42) 1,2-Dichloroethane	6.086	62	131689	51.001	ug/l	98
43) Isopropyl Acetate	6.342	43	203870	51.112	ug/l	99
44) Trichloroethene	7.123	130	82392	52.710	ug/l	96
45) 1,2-Dichloropropane	7.428	63	83147	51.921	ug/l	98
46) Dibromomethane	7.580	93	65373	52.619	ug/l	99
47) Bromodichloromethane	7.818	83	114362	53.299	ug/l	100
48) Methyl methacrylate	7.696	41	96955	50.074	ug/l	97
49) 1,4-Dioxane	7.665	88	32554	1014.081	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	650792	253.754	ug/l	100
52) Toluene	8.714	92	199348	50.644	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109860	47.848	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	125016	53.511	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	81523	52.133	ug/l	99
56) Ethyl methacrylate	9.116	69	127865	51.795	ug/l	99
57) 1,3-Dichloropropane	9.305	76	139155	51.125	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	292023	234.533	ug/l	100
59) 2-Hexanone	9.433	43	478637	257.836	ug/l	99
60) Dibromochloromethane	9.519	129	79601	48.192	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84809	53.281	ug/l	97
64) Tetrachloroethene	9.269	164	68881	52.171	ug/l	96
65) Chlorobenzene	10.080	112	215647	50.592	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	71702	52.341	ug/l	96
67) Ethyl Benzene	10.195	91	382167	51.891	ug/l	98
68) m/p-Xylenes	10.299	106	287740	106.473	ug/l	96
69) o-Xylene	10.640	106	142728	52.198	ug/l	97
70) Styrene	10.653	104	236196	53.884	ug/l	97
71) Bromoform	10.799	173	46006	48.284	ug/l #	96
73) Isopropylbenzene	10.964	105	363112	51.225	ug/l	100
74) N-amyl acetate	10.842	43	170545	52.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	123493	50.158	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	131398	63.556	ug/l	86
77) Bromobenzene	11.195	156	86892	50.550	ug/l	99
78) n-propylbenzene	11.305	91	412433	52.642	ug/l	99
79) 2-Chlorotoluene	11.366	91	252313	49.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	296160	50.381	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31538	44.414	ug/l	96
82) 4-Chlorotoluene	11.451	91	283458	50.519	ug/l	99
83) tert-Butylbenzene	11.713	119	297786	51.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	300120	51.986	ug/l	100
85) sec-Butylbenzene	11.890	105	360250	51.080	ug/l	99
86) p-Isopropyltoluene	12.006	119	304517	51.877	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	154984	51.617	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	157753	51.110	ug/l	97
89) n-Butylbenzene	12.329	91	259746	52.623	ug/l	99
90) Hexachloroethane	12.536	117	44879	52.375	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	157520	50.525	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23411	48.983	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	89298	52.245	ug/l	98
94) Hexachlorobutadiene	13.725	225	34895	50.755	ug/l	98
95) Naphthalene	13.774	128	327672	49.113	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	93453	51.549	ug/l	99

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ClientSampleId :
VSTDCCC050EC

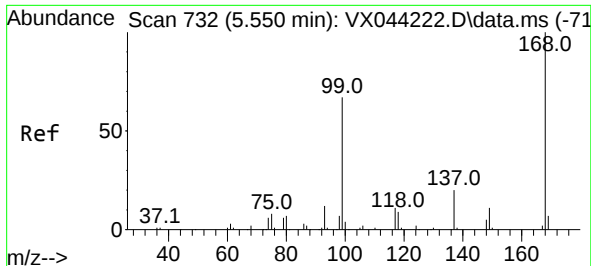
Quant Time: Dec 17 00:56:25 2024
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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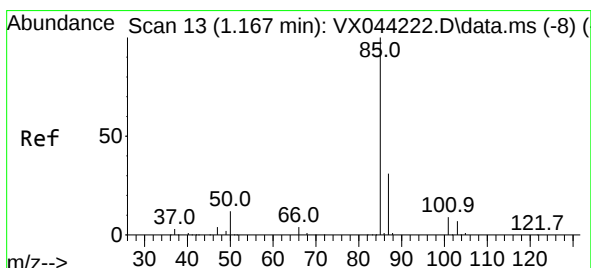
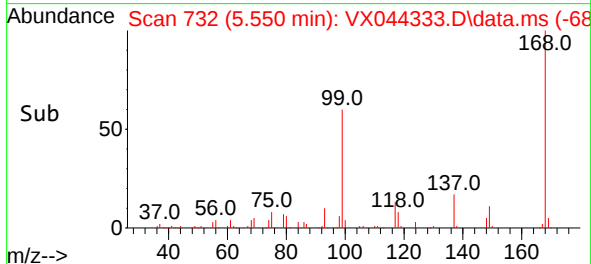
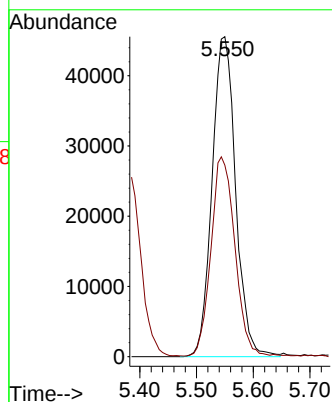
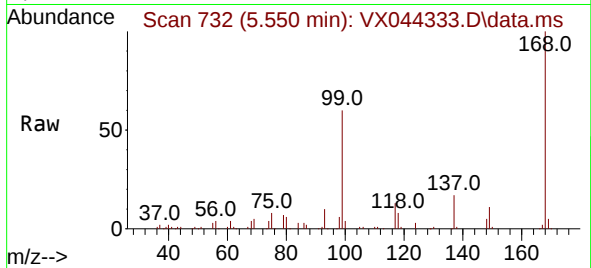




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

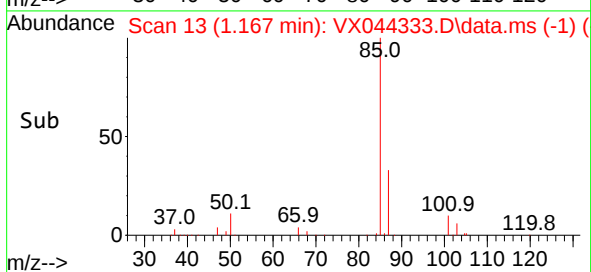
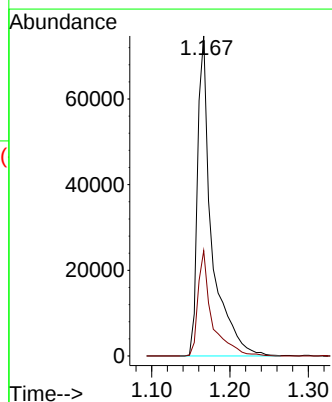
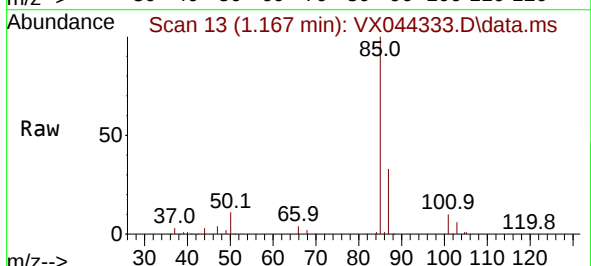
Instrument :
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ClientSampleId :
VSTDCCC050EC

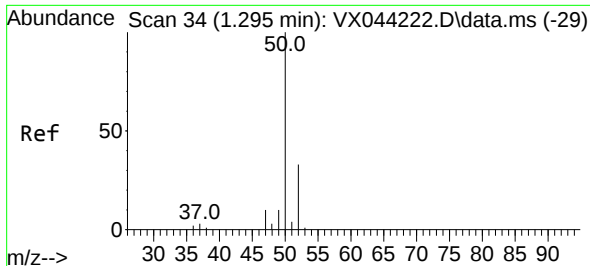
Tgt Ion:168 Resp: 131409
Ion Ratio Lower Upper
168 100
99 59.6 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 46.426 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 85 Resp: 94334
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.4

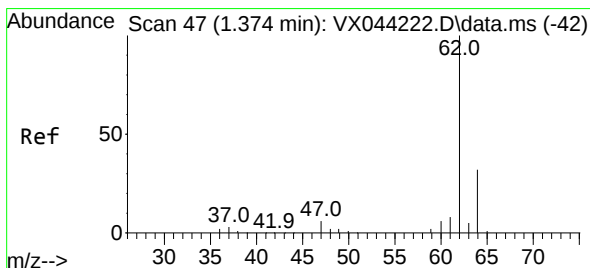
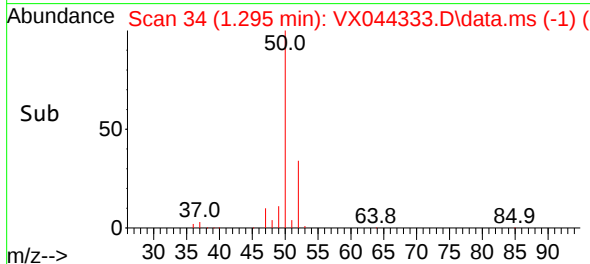
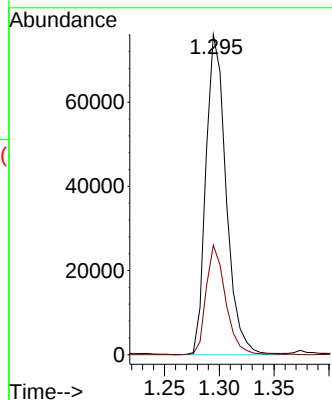
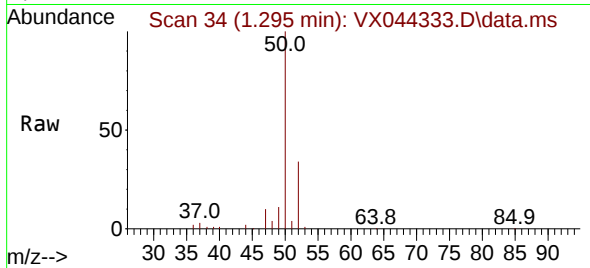




#3
Chloromethane
Concen: 50.157 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

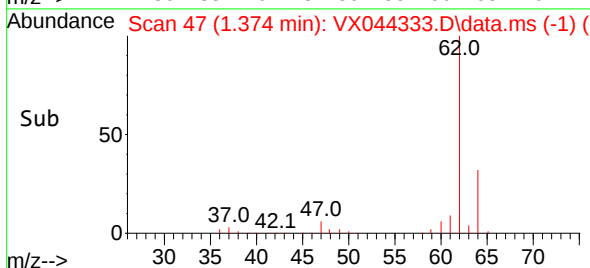
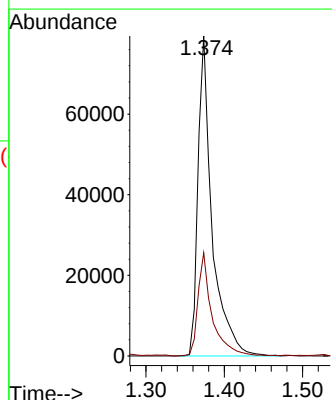
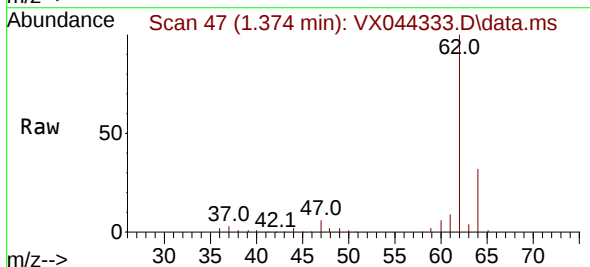
Instrument :
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ClientSampleId :
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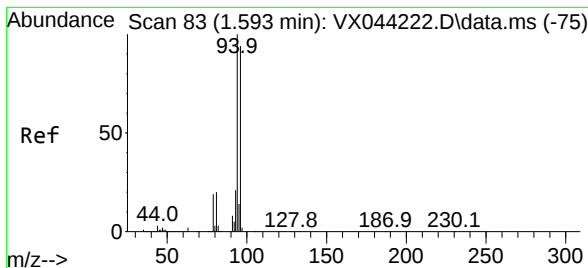
Tgt Ion: 50 Resp: 97458
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7



#4
Vinyl Chloride
Concen: 49.063 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 62 Resp: 99317
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

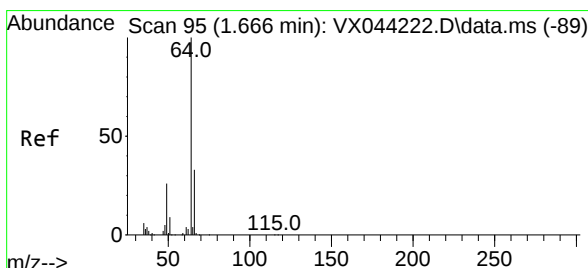
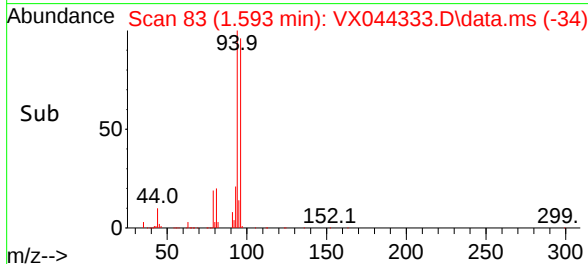
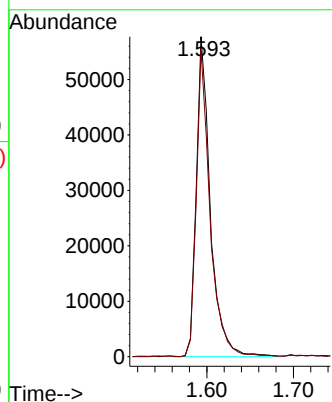
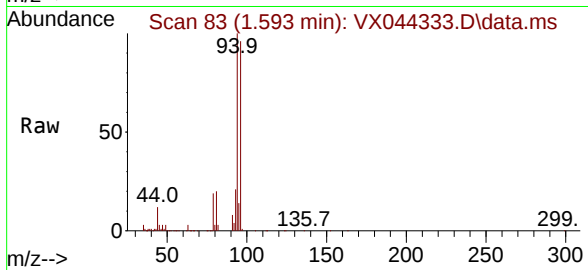




#5
Bromomethane
Concen: 45.421 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

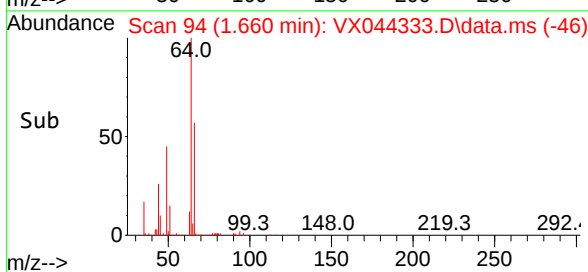
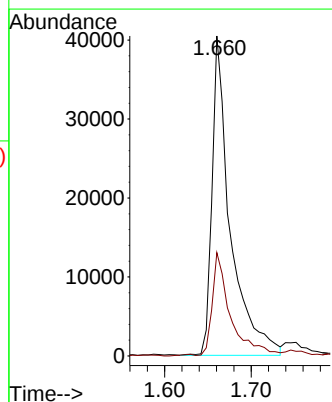
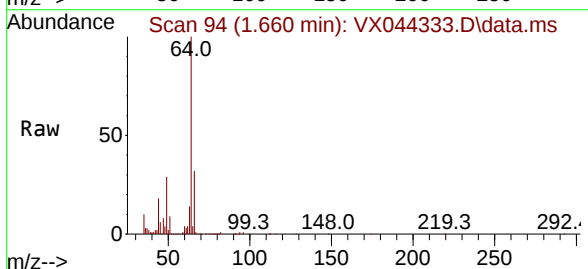
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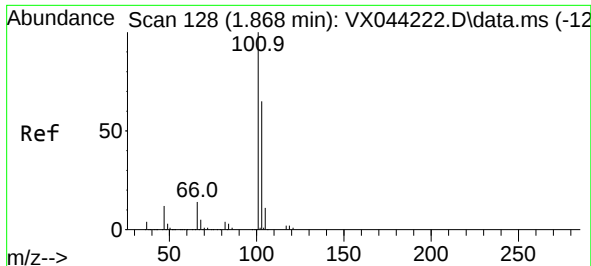
Tgt Ion: 94 Resp: 65229
Ion Ratio Lower Upper
94 100
96 95.8 74.9 112.3



#6
Chloroethane
Concen: 46.941 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 64 Resp: 59169
Ion Ratio Lower Upper
64 100
66 32.1 26.6 39.8

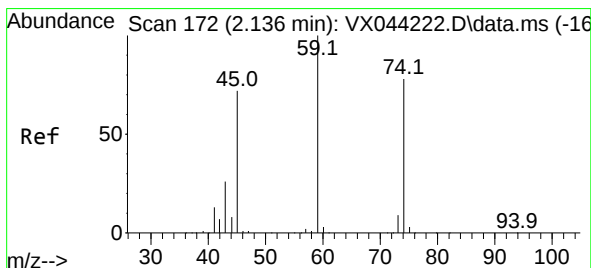
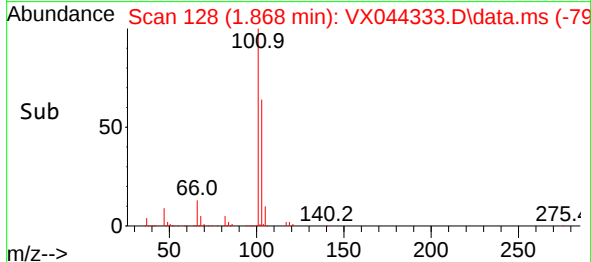
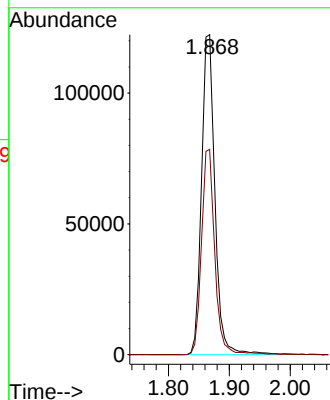
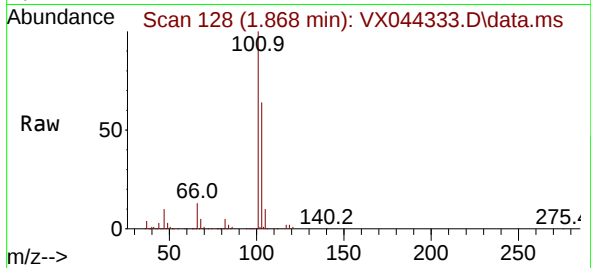




#7
 Trichlorofluoromethane
 Concen: 47.080 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

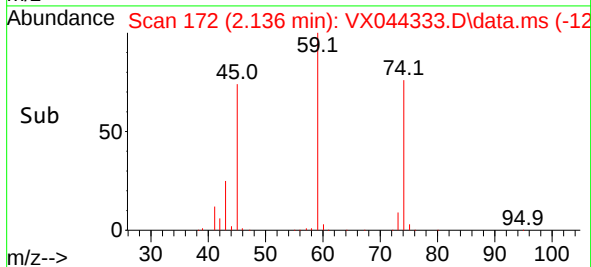
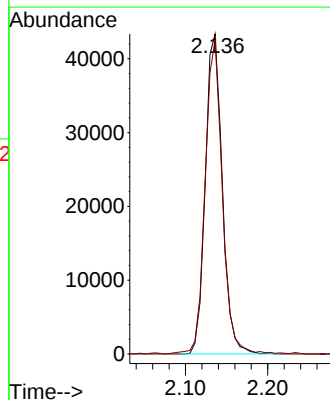
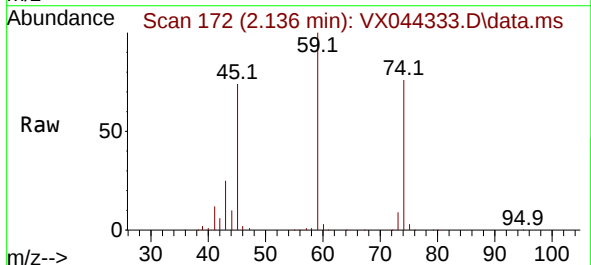
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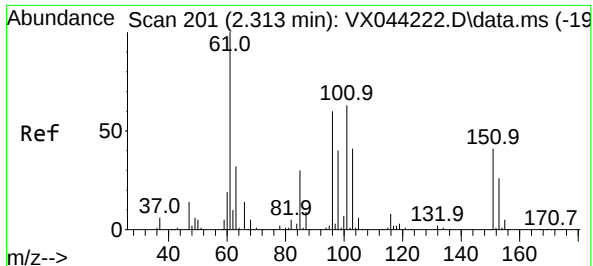
Tgt Ion:101 Resp: 186576
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.8



#8
 Diethyl Ether
 Concen: 46.052 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044333.D
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Tgt Ion: 74 Resp: 62295
 Ion Ratio Lower Upper
 74 100
 45 99.2 48.4 145.0

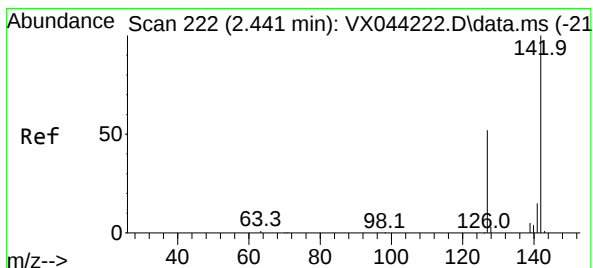
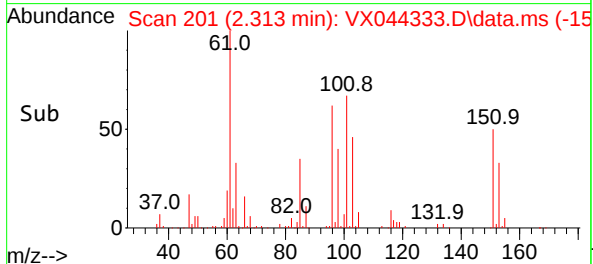
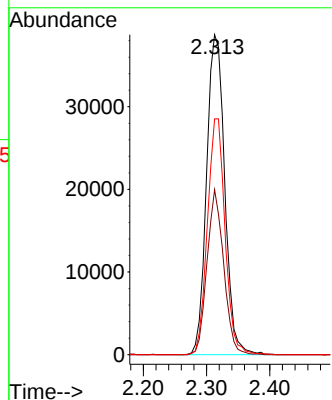
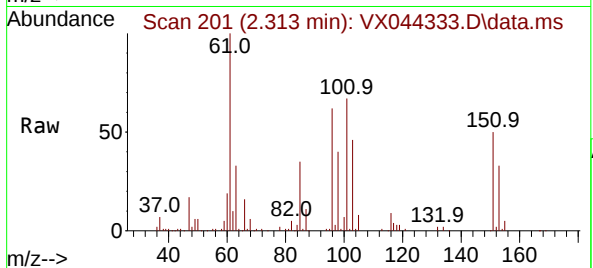




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.175 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

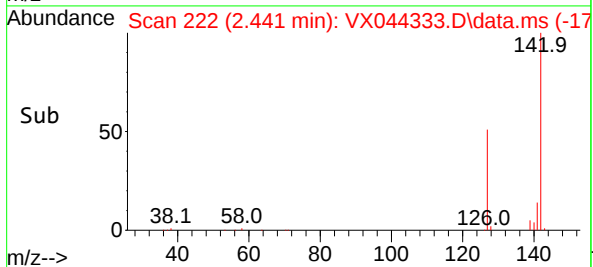
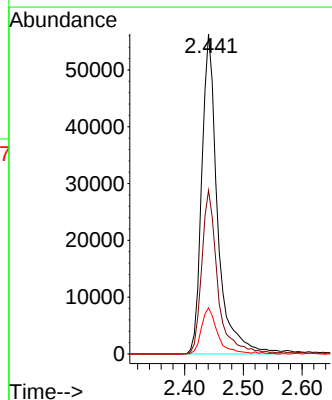
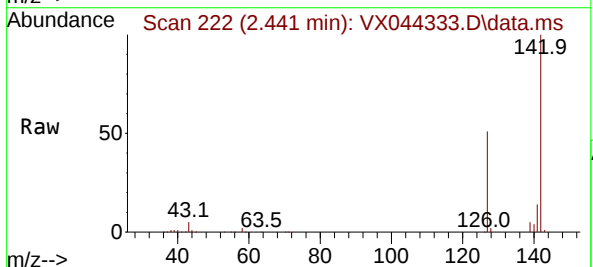
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

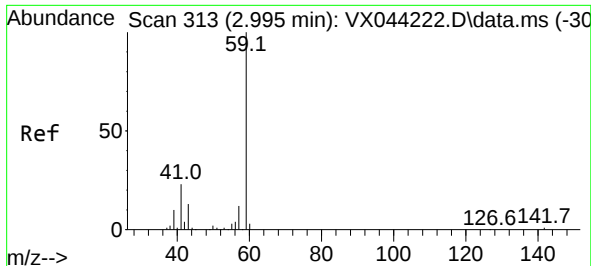
Tgt Ion:101 Resp: 77254
Ion Ratio Lower Upper
101 100
85 47.4 38.5 57.7
151 71.8 55.8 83.6



#10
Methyl Iodide
Concen: 50.020 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion:142 Resp: 105717
Ion Ratio Lower Upper
142 100
127 51.6 41.8 62.8
141 14.6 11.5 17.3

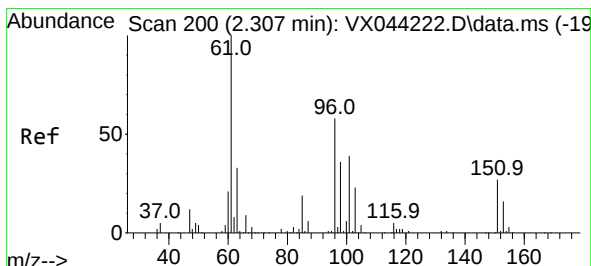
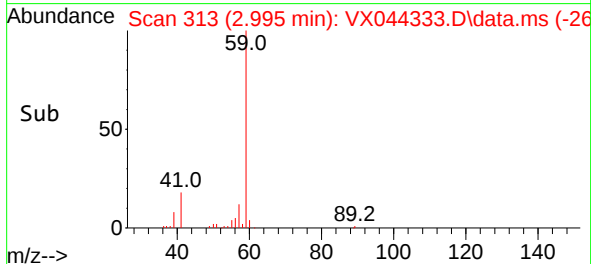
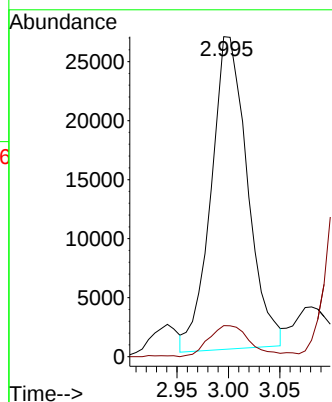
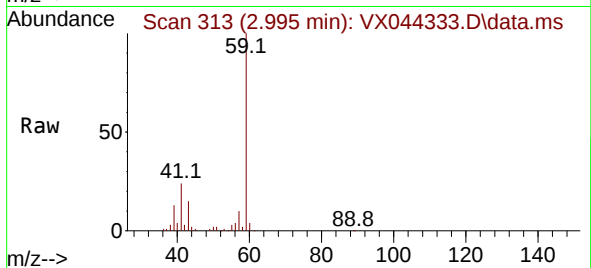




#11
Tert butyl alcohol
Concen: 200.868 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

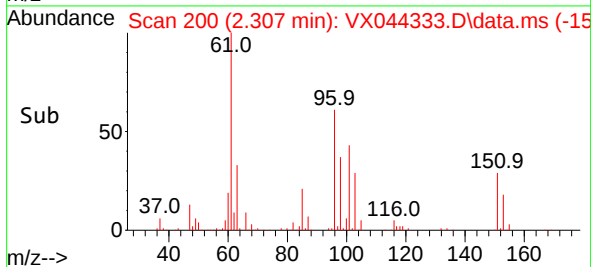
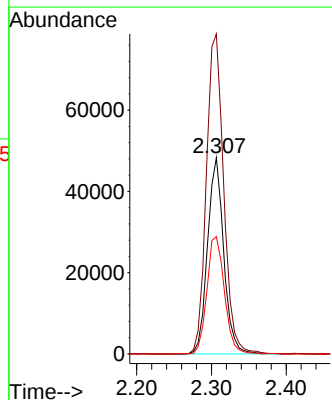
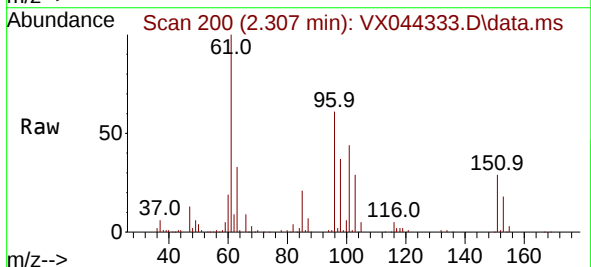
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

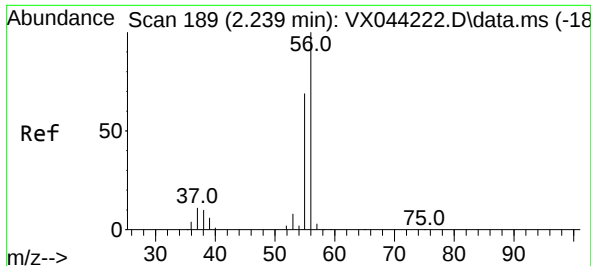
Tgt Ion: 59 Resp: 65226
Ion Ratio Lower Upper
59 100
57 11.5 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.511 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 96 Resp: 72927
Ion Ratio Lower Upper
96 100
61 163.0 138.0 207.0
98 59.7 50.0 75.0

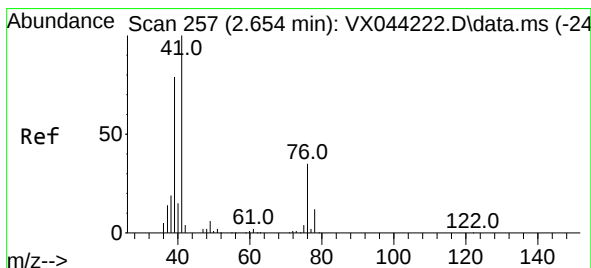
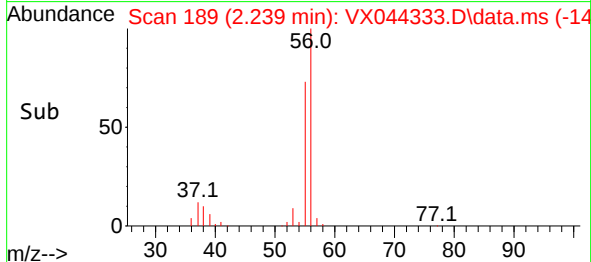
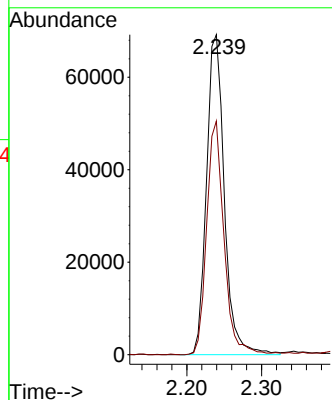
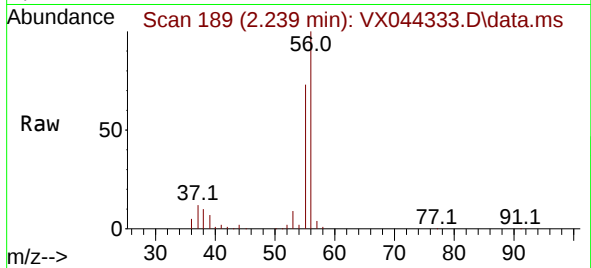




#13
Acrolein
Concen: 244.147 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

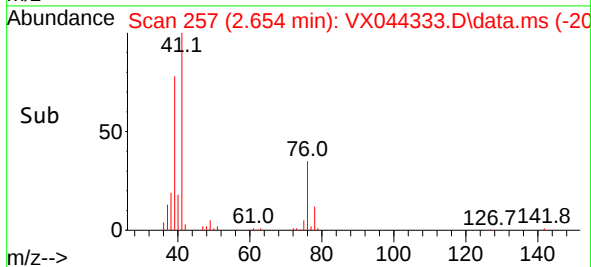
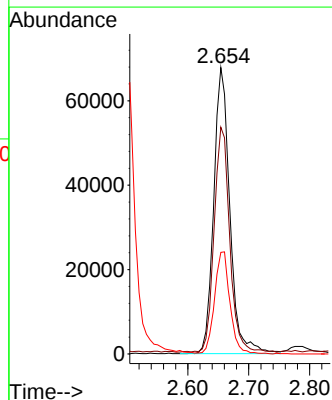
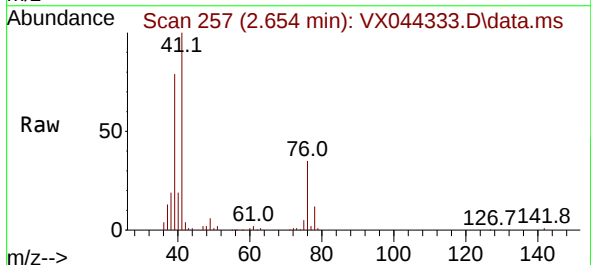
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

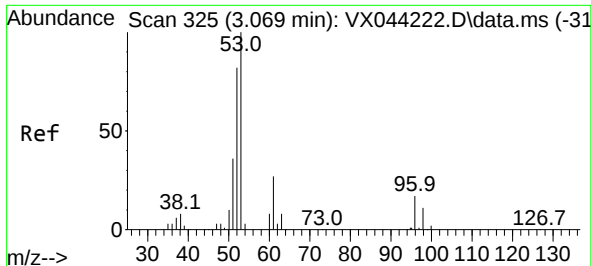
Tgt Ion: 56 Resp: 114760
Ion Ratio Lower Upper
56 100
55 70.8 56.6 84.8



#14
Allyl chloride
Concen: 50.825 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 41 Resp: 124692
Ion Ratio Lower Upper
41 100
39 75.6 61.9 92.9
76 34.2 27.4 41.2

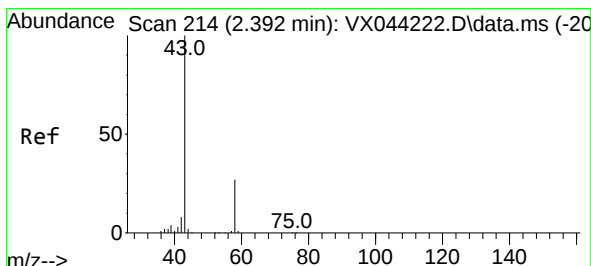
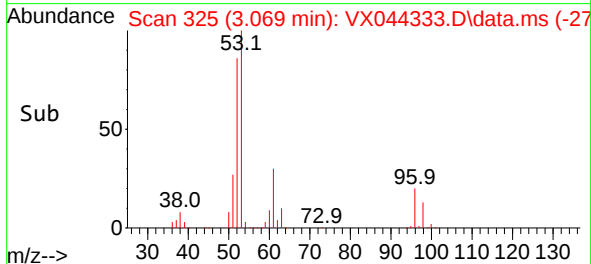
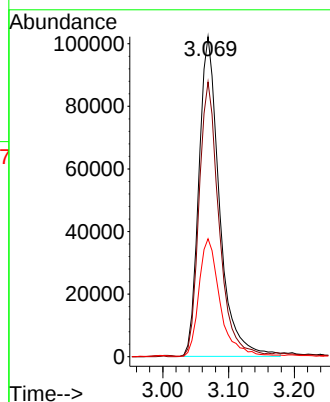
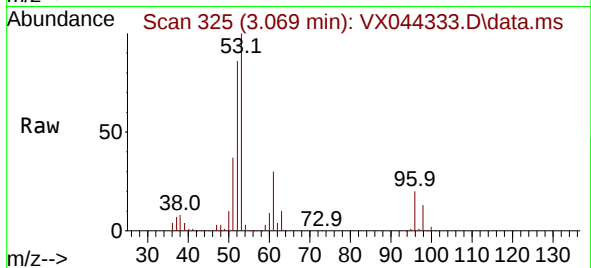




#15
Acrylonitrile
Concen: 247.369 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

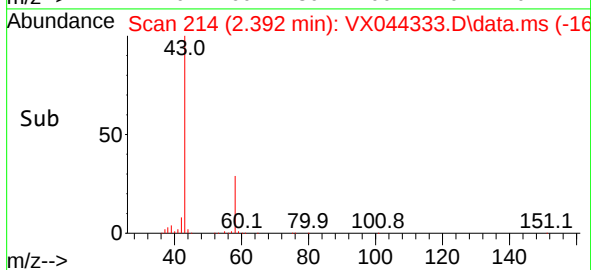
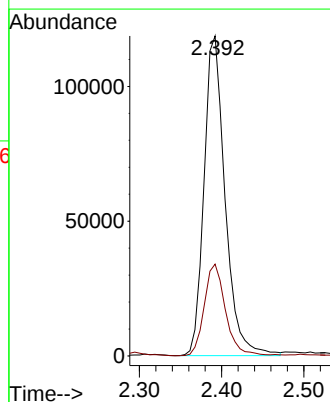
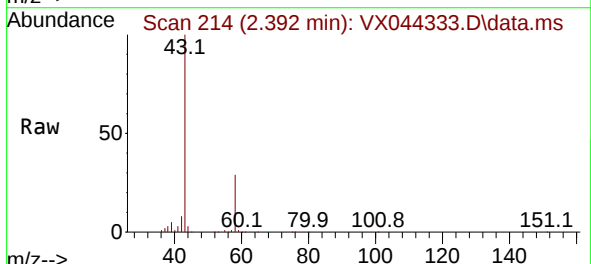
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

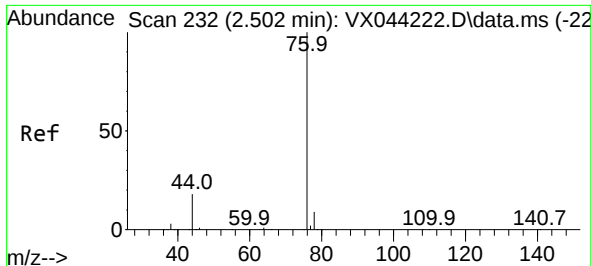
Tgt Ion: 53 Resp: 222506
Ion Ratio Lower Upper
53 100
52 83.4 67.4 101.0
51 37.6 30.3 45.5



#16
Acetone
Concen: 225.115 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 43 Resp: 211455
Ion Ratio Lower Upper
43 100
58 28.6 21.6 32.4

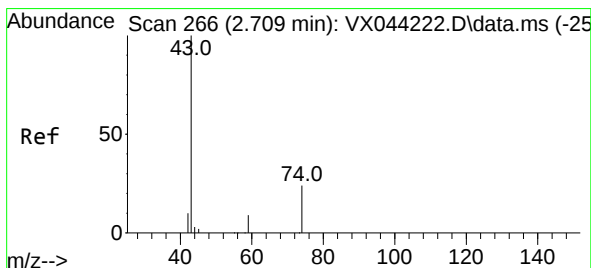
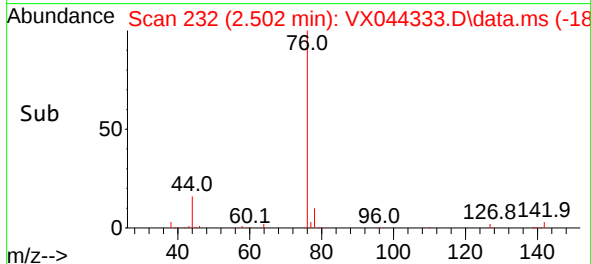
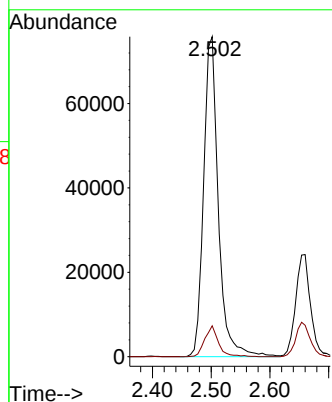
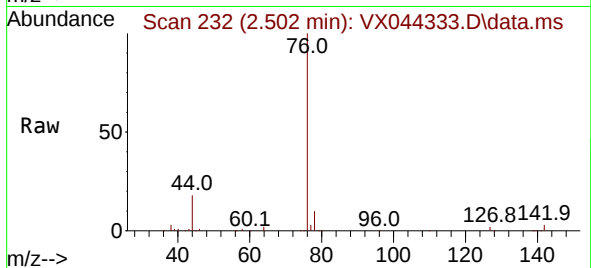




#17
Carbon Disulfide
Concen: 47.203 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

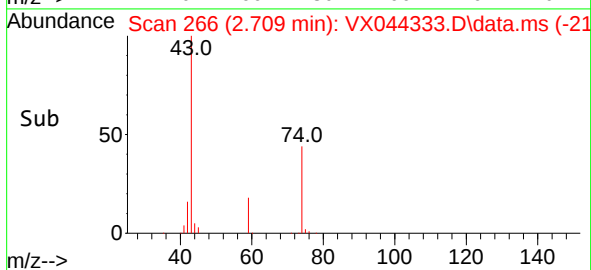
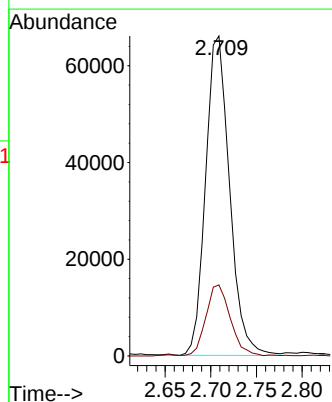
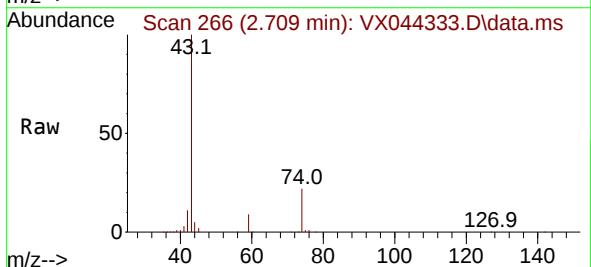
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

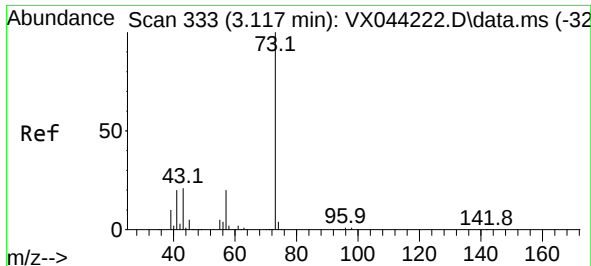
Tgt Ion: 76 Resp: 132161
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 49.662 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 43 Resp: 120277
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5

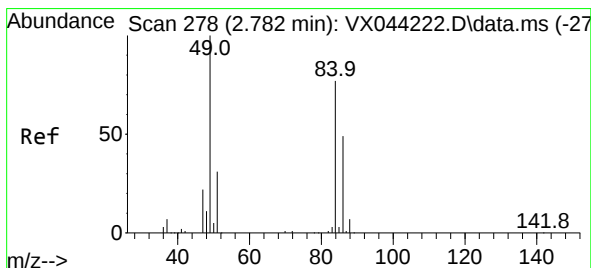
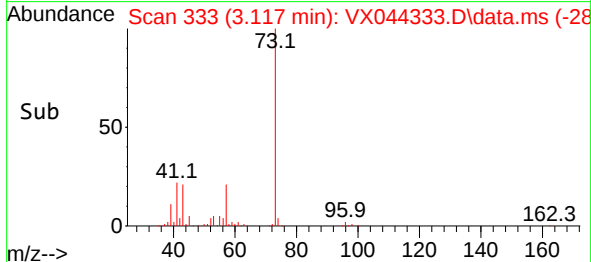
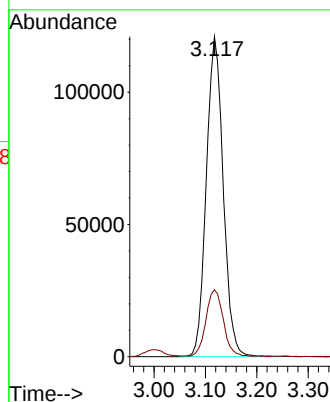
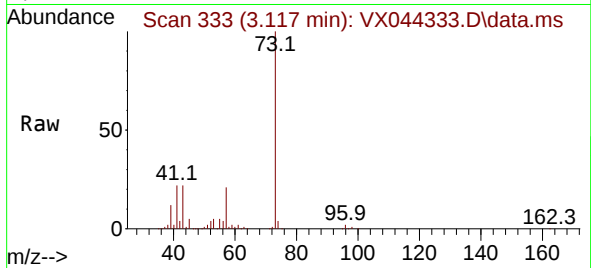




#19
Methyl tert-butyl Ether
Concen: 48.064 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

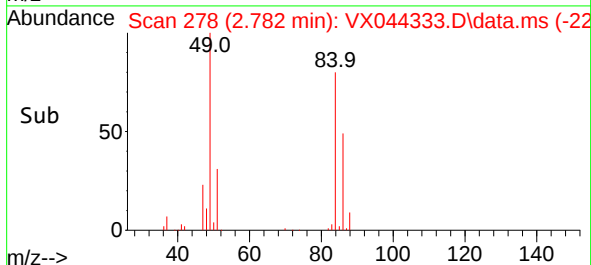
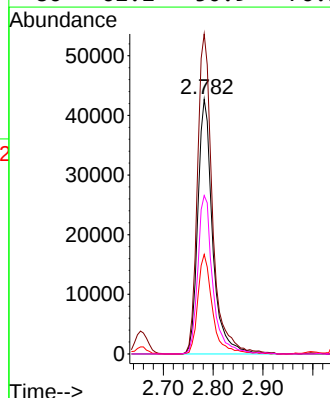
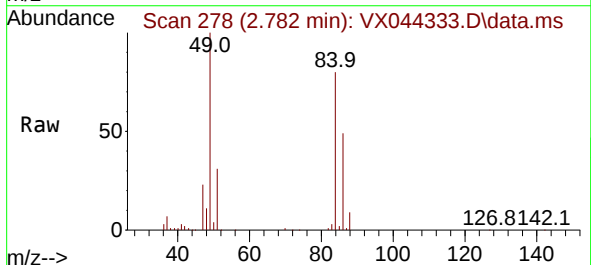
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

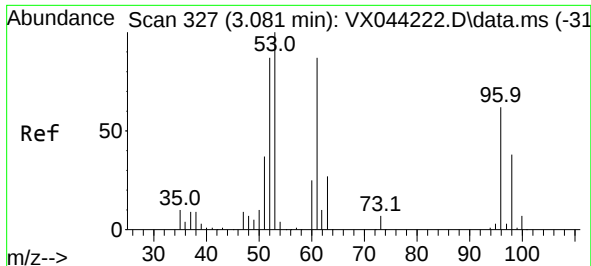
Tgt Ion: 73 Resp: 276265
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.4



#20
Methylene Chloride
Concen: 49.936 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 84 Resp: 88101
Ion Ratio Lower Upper
84 100
49 125.6 104.2 156.4
51 39.1 32.2 48.4
86 62.2 50.9 76.3

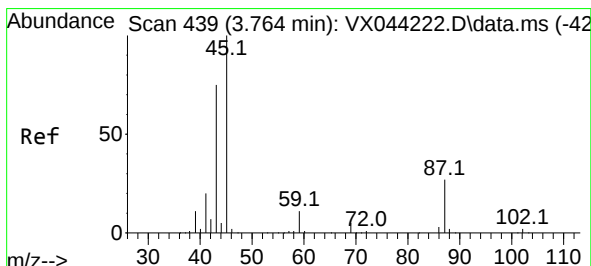
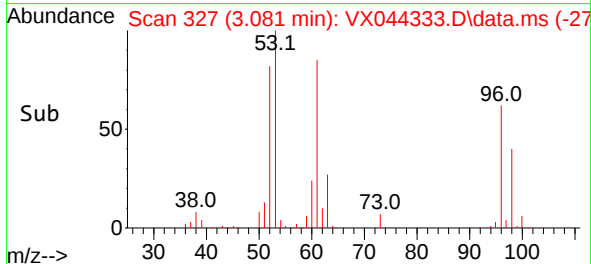
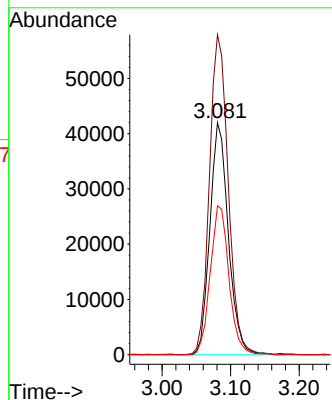
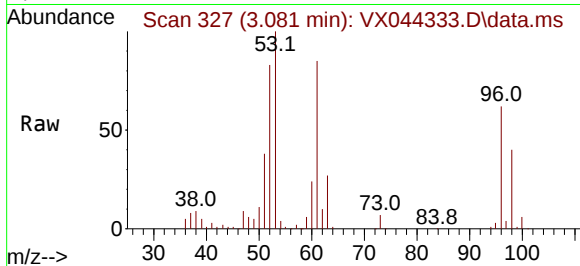




#21
trans-1,2-Dichloroethene
Concen: 50.302 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

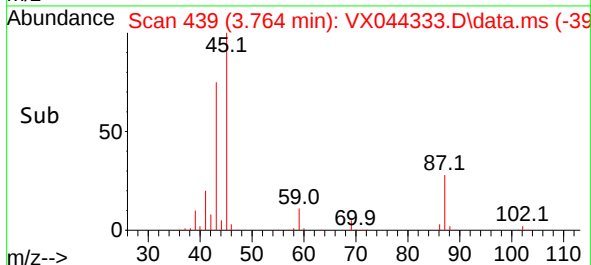
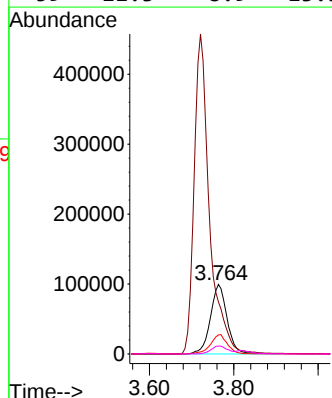
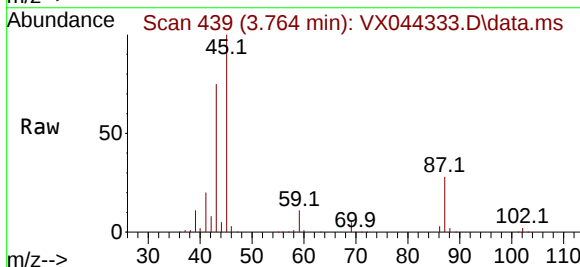
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

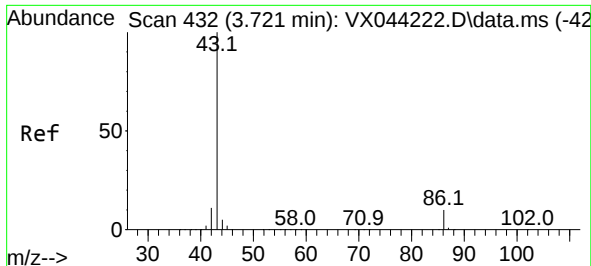
Tgt Ion: 96 Resp: 78744
Ion Ratio Lower Upper
96 100
61 137.9 112.0 168.0
98 64.1 48.8 73.2



#22
Diisopropyl ether
Concen: 49.417 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 45 Resp: 273007
Ion Ratio Lower Upper
45 100
43 74.7 60.2 90.2
87 27.5 21.2 31.8
59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 258.615 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

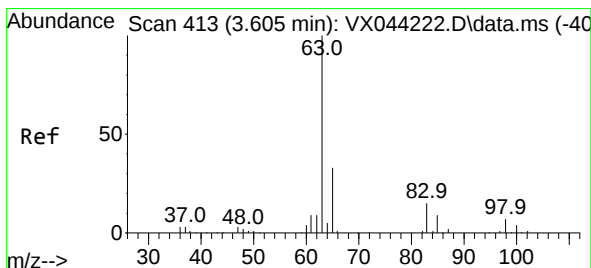
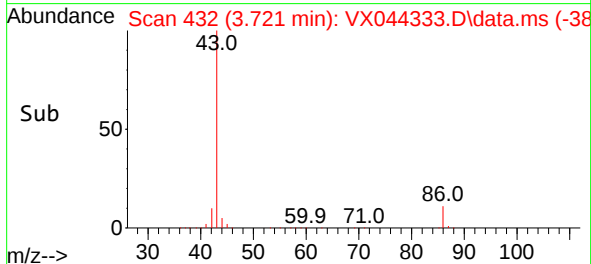
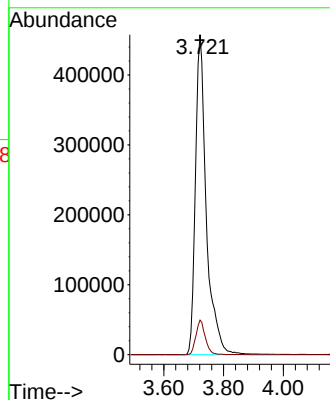
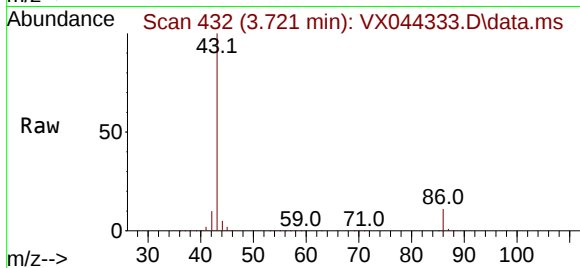
VSTDCCC050EC

Tgt Ion: 43 Resp: 1161562

Ion Ratio Lower Upper

43 100

86 10.8 8.2 12.2



#24

1,1-Dichloroethane

Concen: 51.376 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

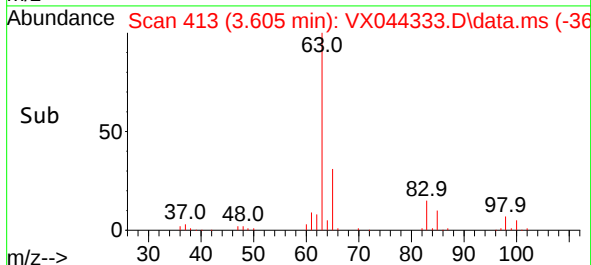
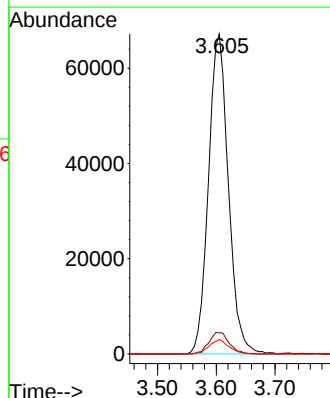
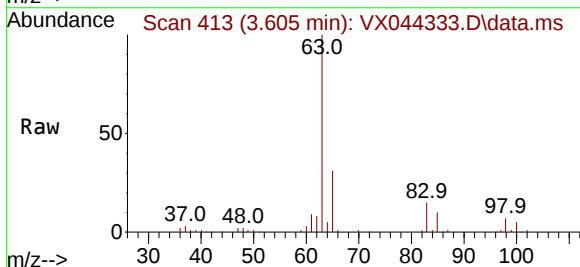
Tgt Ion: 63 Resp: 158212

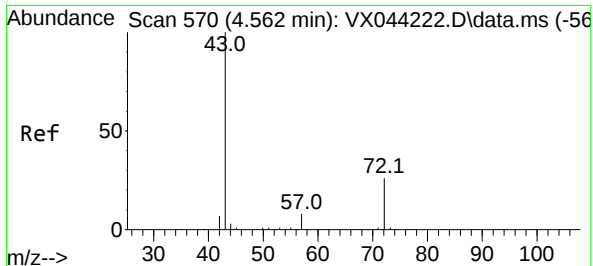
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 241.916 ug/l

RT: 4.568 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

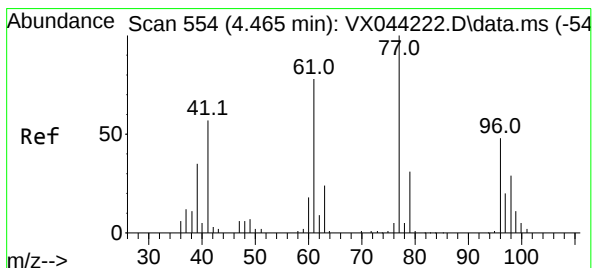
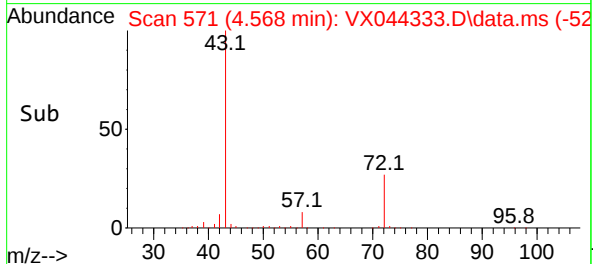
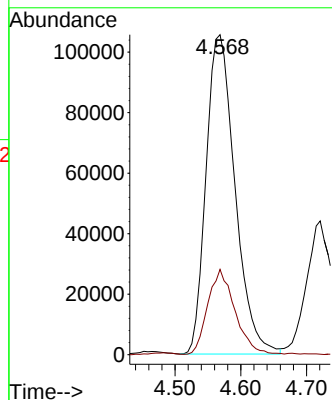
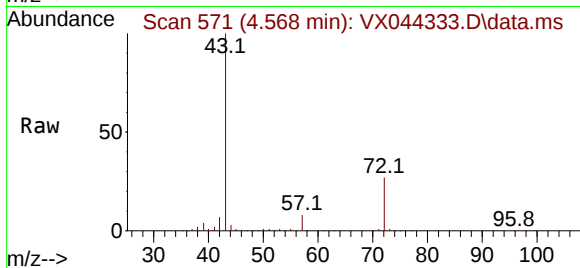
VSTDCCC050EC

Tgt Ion: 43 Resp: 323048

Ion Ratio Lower Upper

43 100

72 26.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 46.948 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX044333.D

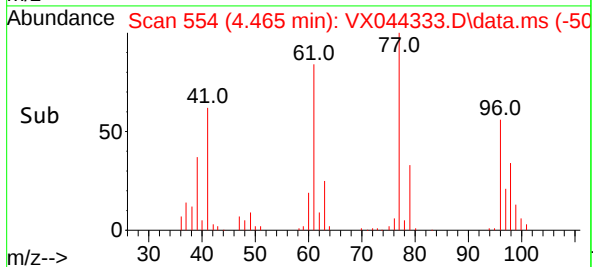
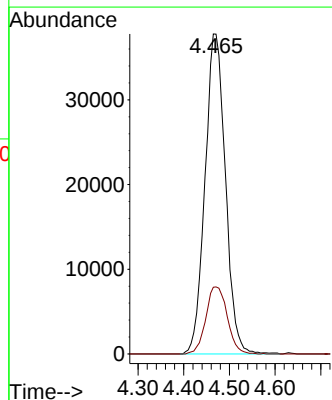
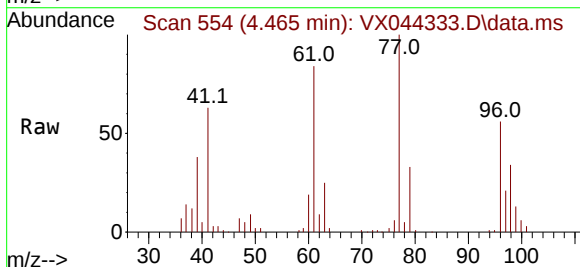
Acq: 16 Dec 2024 18:49

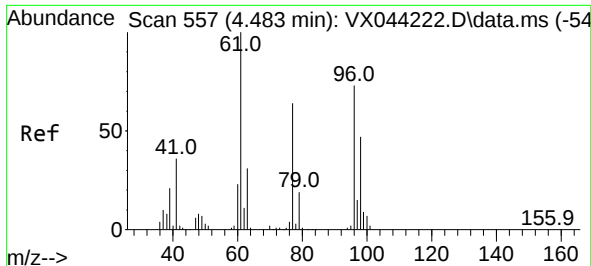
Tgt Ion: 77 Resp: 117453

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 49.437 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

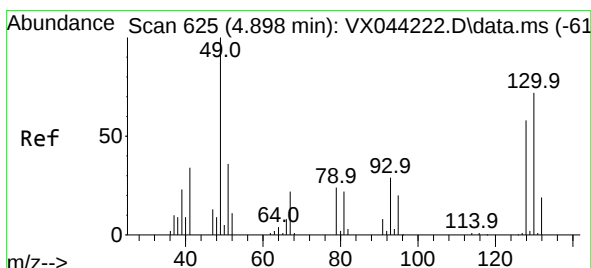
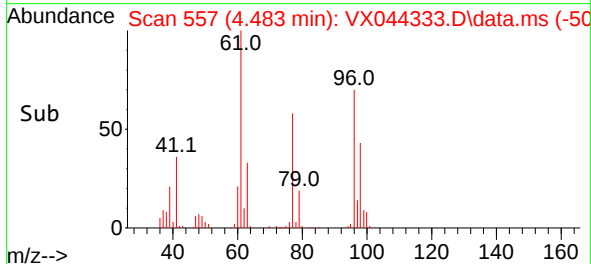
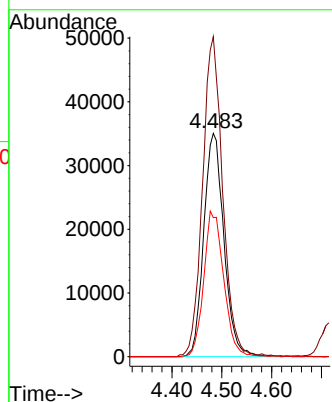
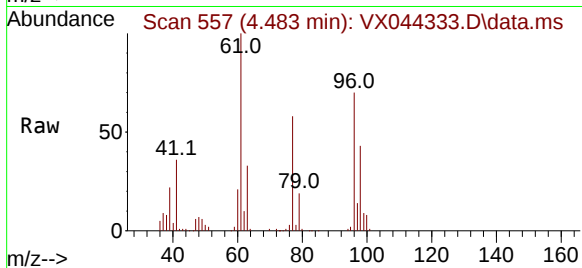
Tgt Ion: 96 Resp: 98286

Ion Ratio Lower Upper

96 100

61 143.0 0.0 299.0

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 47.193 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

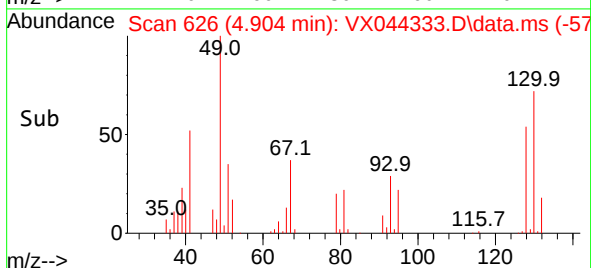
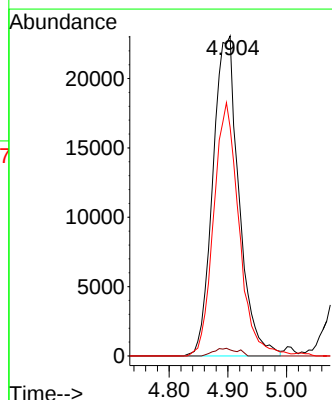
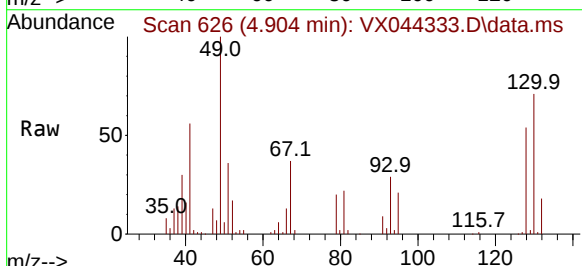
Tgt Ion: 49 Resp: 71265

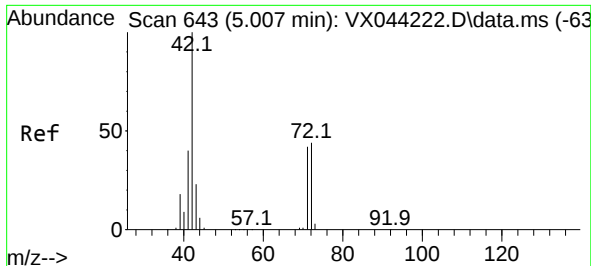
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 76.8 62.1 93.1





#29

Tetrahydrofuran

Concen: 238.667 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

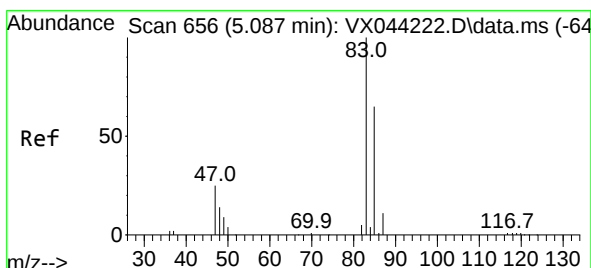
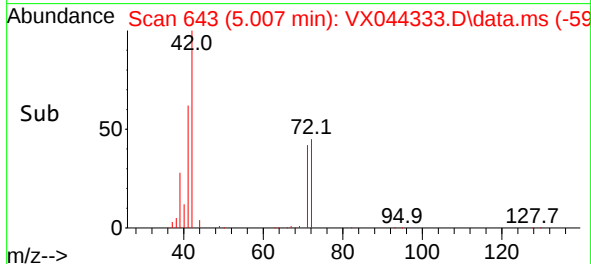
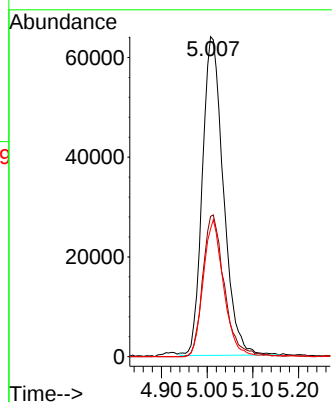
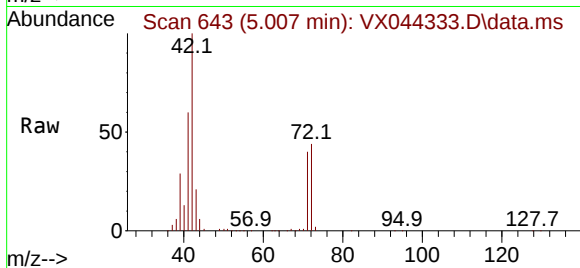
Tgt Ion: 42 Resp: 204569

Ion Ratio Lower Upper

42 100

72 45.4 37.0 55.6

71 41.4 33.6 50.4



#30

Chloroform

Concen: 48.589 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044333.D

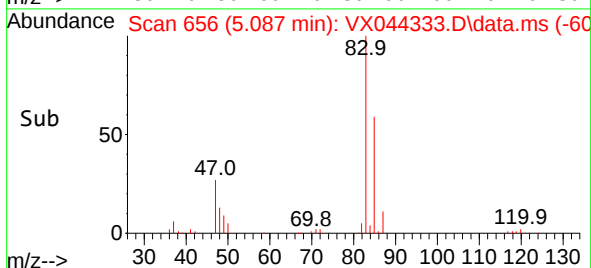
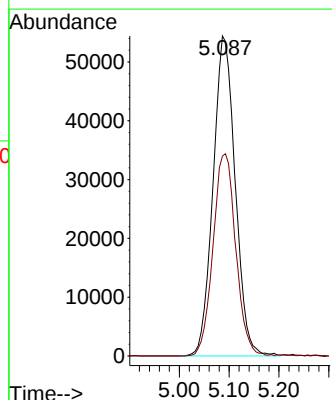
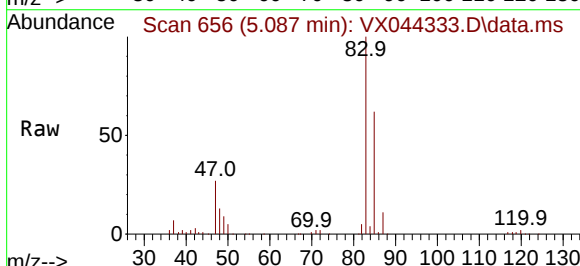
Acq: 16 Dec 2024 18:49

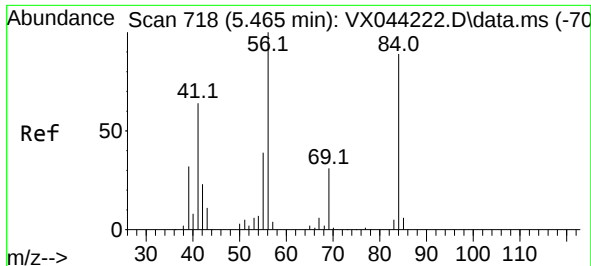
Tgt Ion: 83 Resp: 168114

Ion Ratio Lower Upper

83 100

85 62.4 51.6 77.4

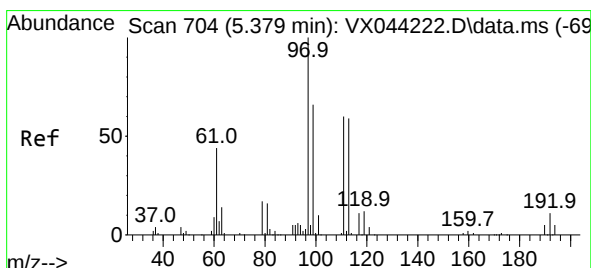
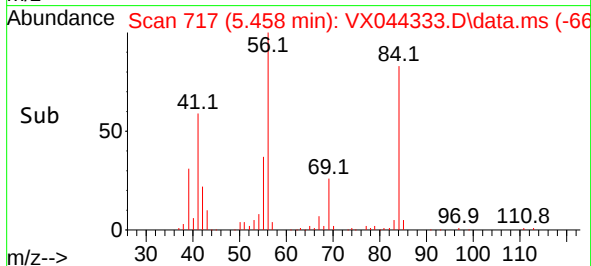
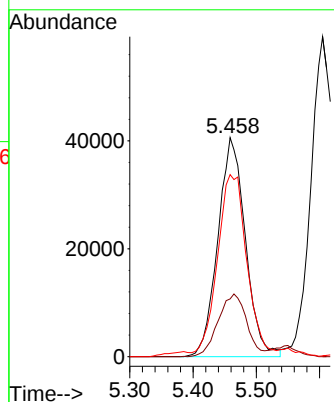
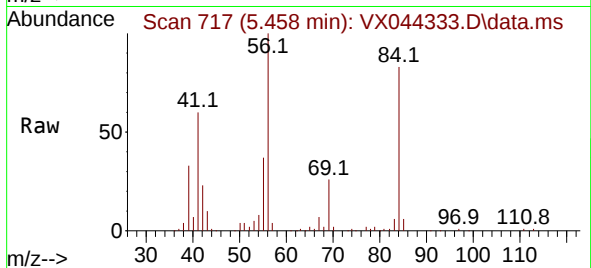




#31
Cyclohexane
Concen: 49.357 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

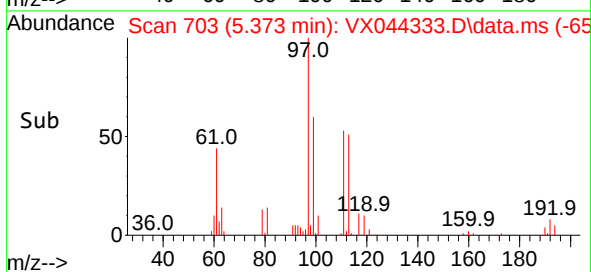
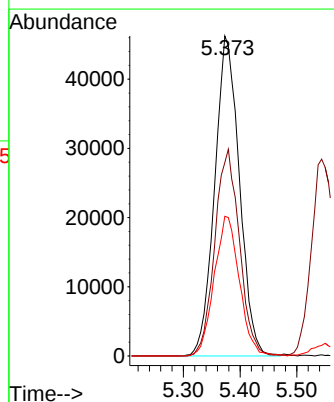
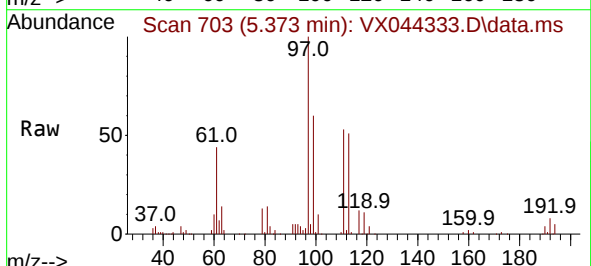
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

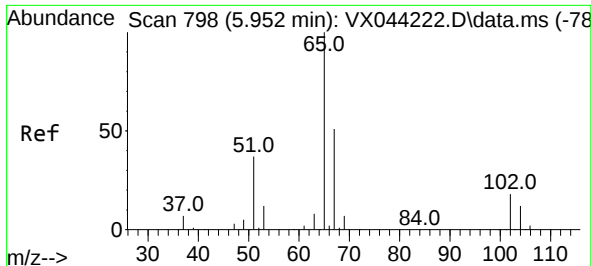
Tgt Ion: 56 Resp: 122737
Ion Ratio Lower Upper
56 100
69 26.4 24.7 37.1
84 81.2 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 48.722 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 97 Resp: 139932
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.802 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

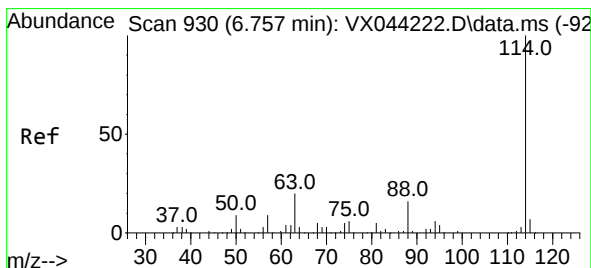
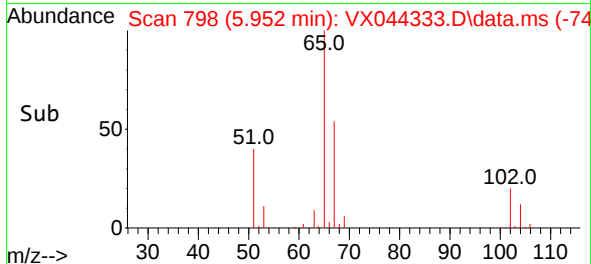
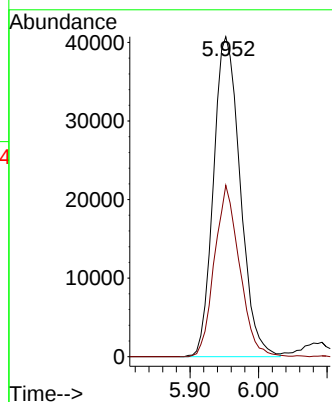
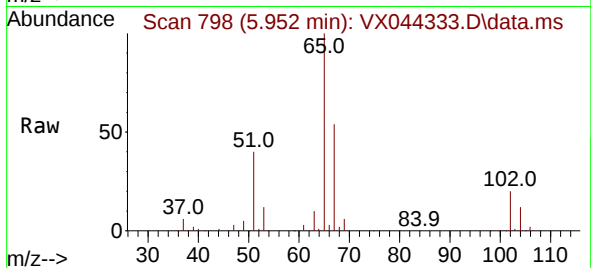
VSTDCCC050EC

Tgt Ion: 65 Resp: 110138

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

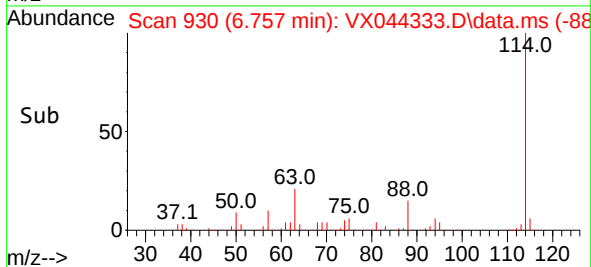
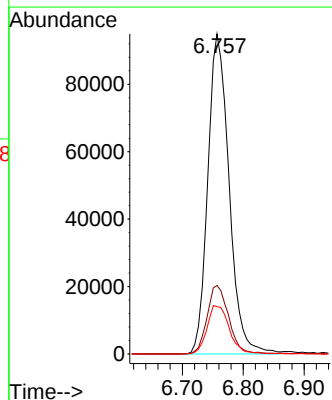
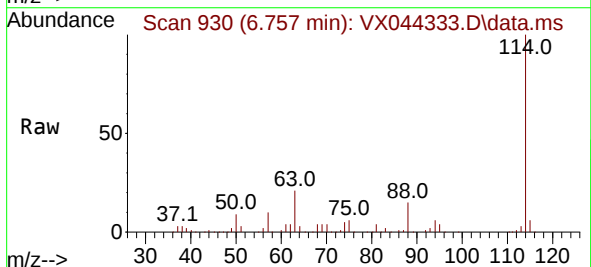
Tgt Ion: 114 Resp: 230602

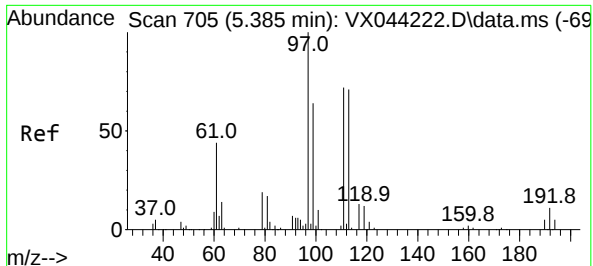
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 14.8 0.0 31.8

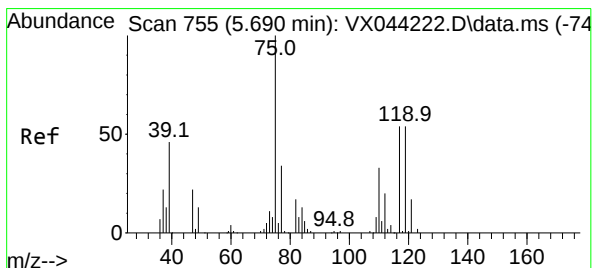
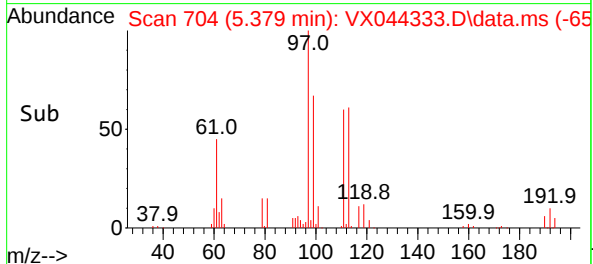
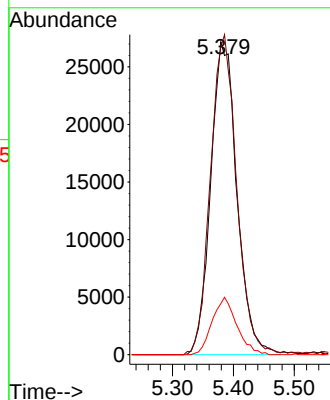
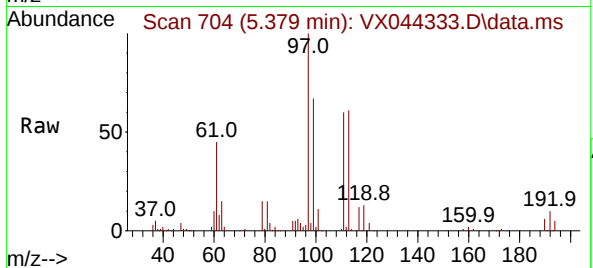




#35
 Dibromofluoromethane
 Concen: 50.924 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

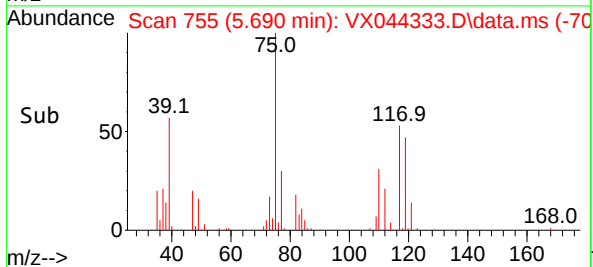
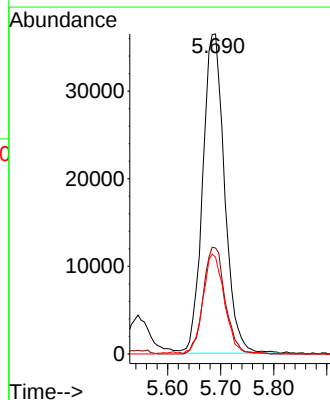
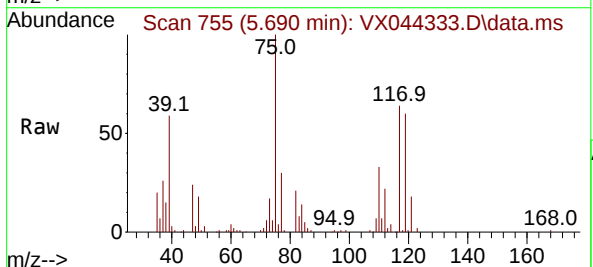
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

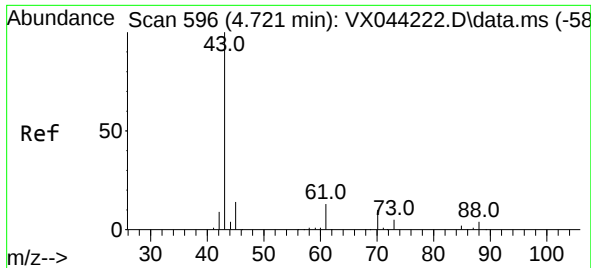
Tgt Ion:113 Resp: 81332
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.4 120.6
 192 17.2 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 50.536 ug/l
 RT: 5.690 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

Tgt Ion: 75 Resp: 104331
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.3 51.7
 77 30.4 25.4 38.0





#37

Ethyl Acetate

Concen: 50.697 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

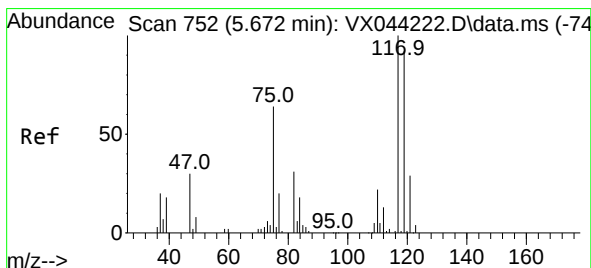
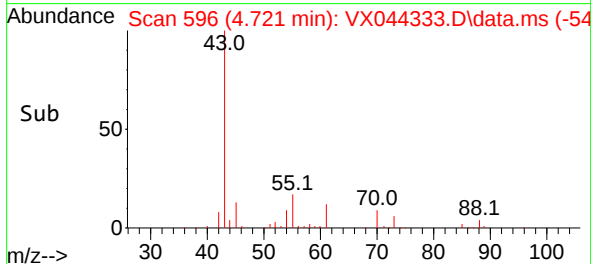
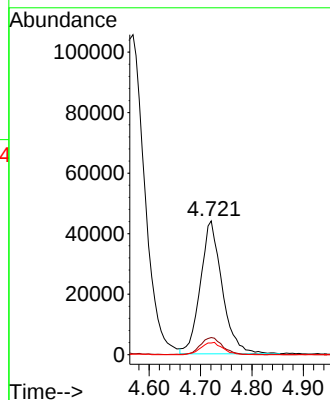
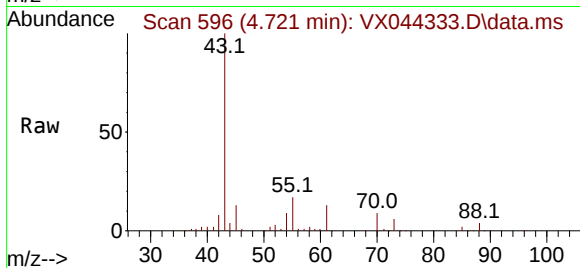
Tgt Ion: 43 Resp: 129379

Ion Ratio Lower Upper

43 100

61 12.8 9.8 14.8

70 9.3 7.7 11.5



#38

Carbon Tetrachloride

Concen: 50.627 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

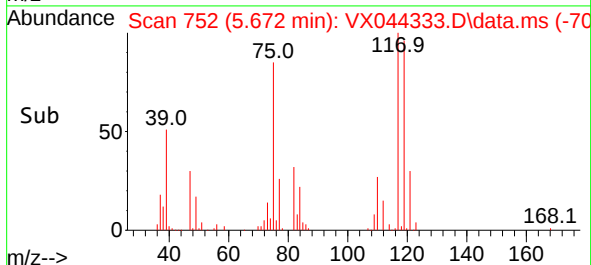
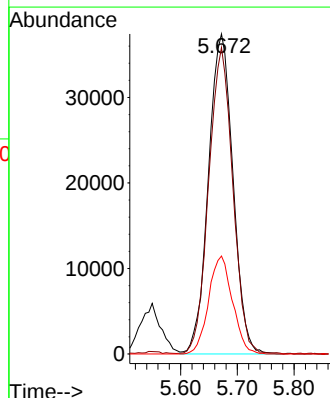
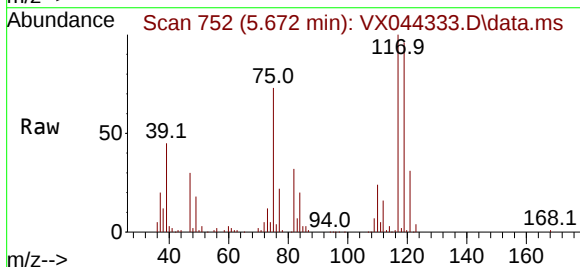
Tgt Ion: 117 Resp: 112527

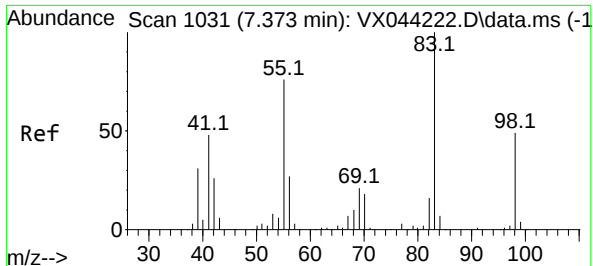
Ion Ratio Lower Upper

117 100

119 95.5 74.2 111.4

121 30.6 23.0 34.6





#39

Methylcyclohexane

Concen: 51.675 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

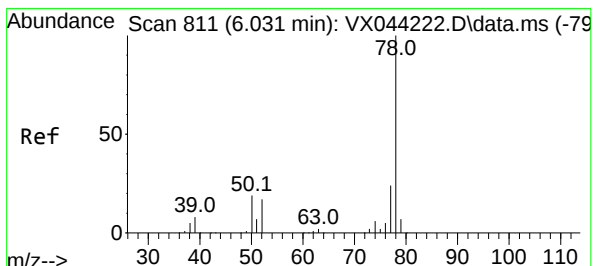
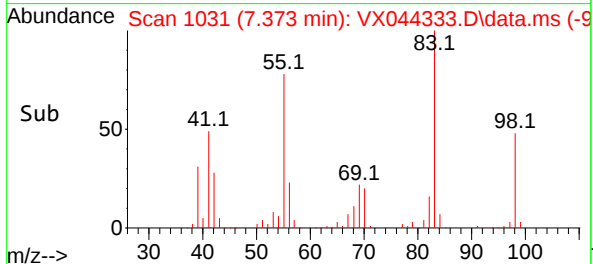
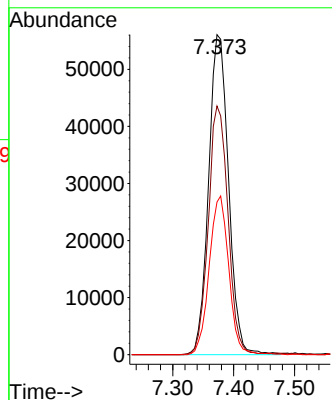
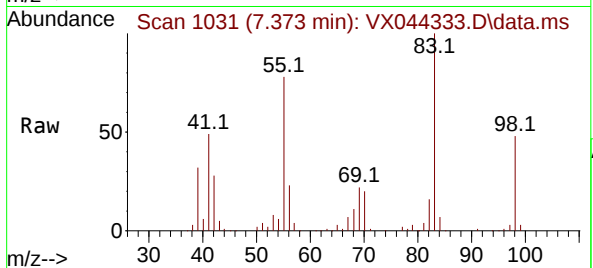
Tgt Ion: 83 Resp: 127538

Ion Ratio Lower Upper

83 100

55 77.7 60.7 91.1

98 47.7 38.9 58.3



#40

Benzene

Concen: 52.807 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044333.D

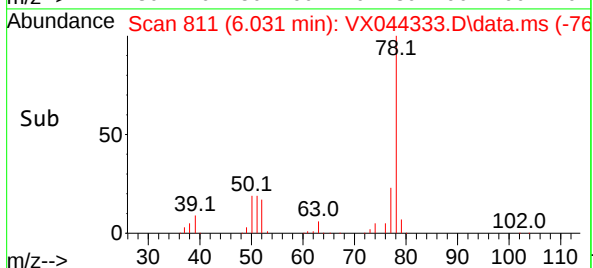
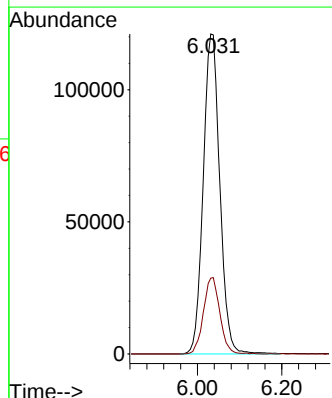
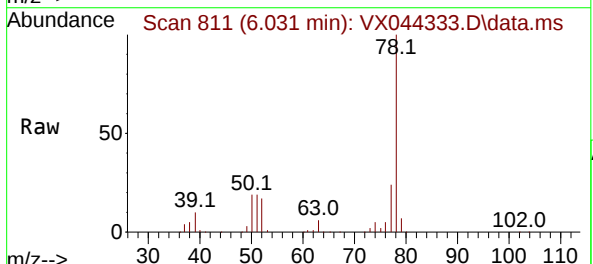
Acq: 16 Dec 2024 18:49

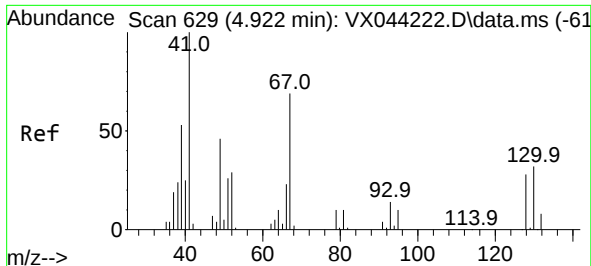
Tgt Ion: 78 Resp: 331005

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

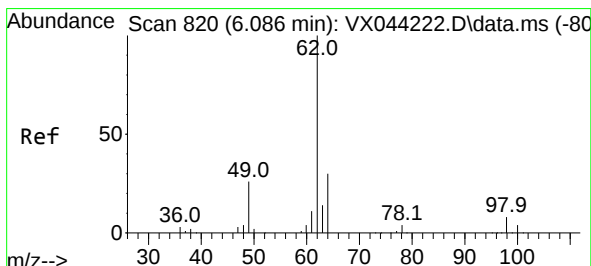
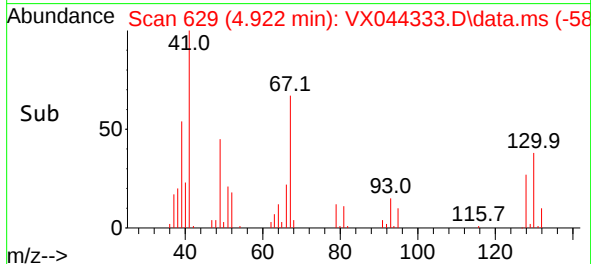
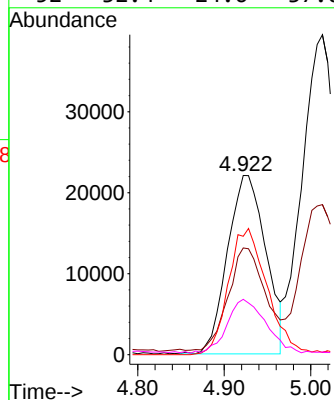
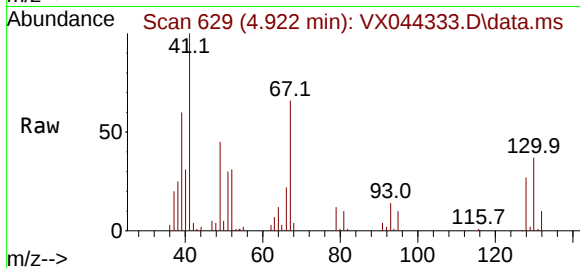




#41
Methacrylonitrile
Concen: 50.084 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

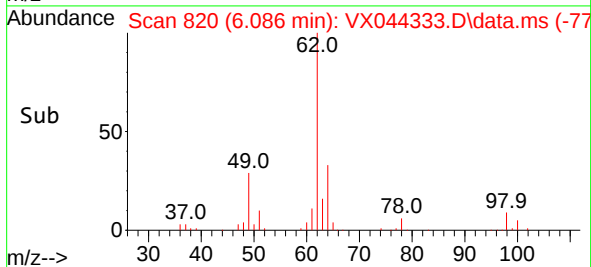
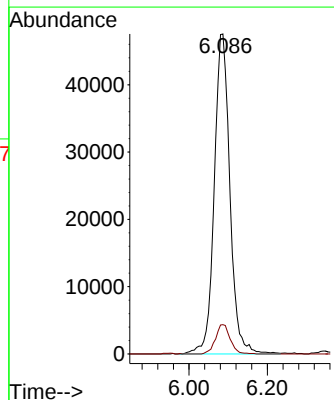
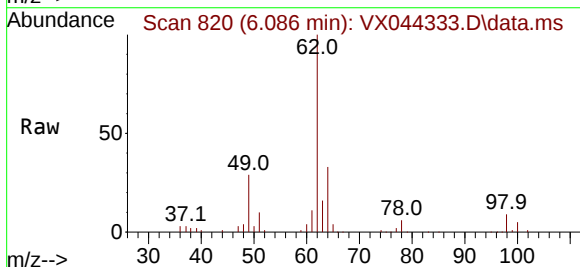
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

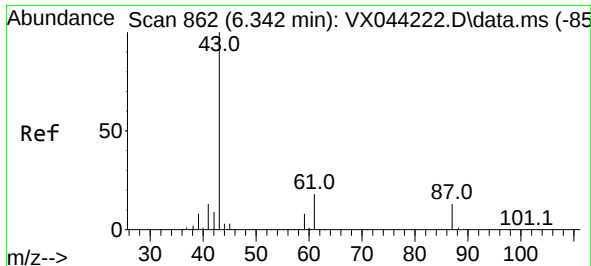
Tgt Ion:	41	Resp:	67869
Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.2	66.4
67	72.7	57.2	85.8
52	32.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 51.001 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion:	62	Resp:	131689
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8

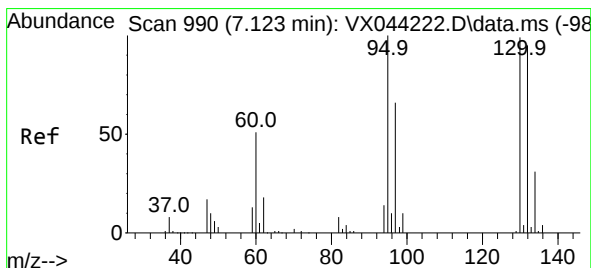
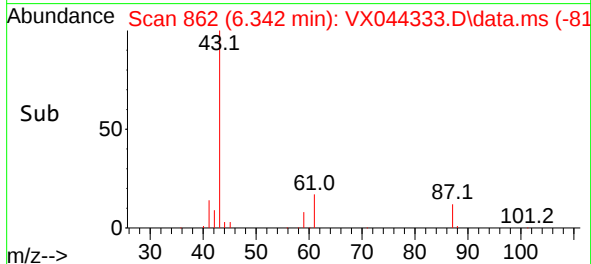
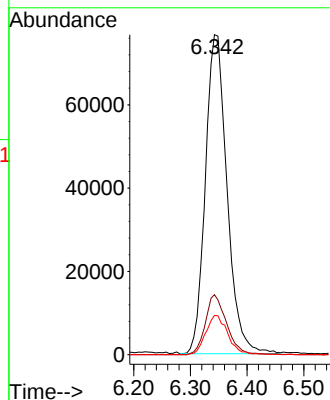
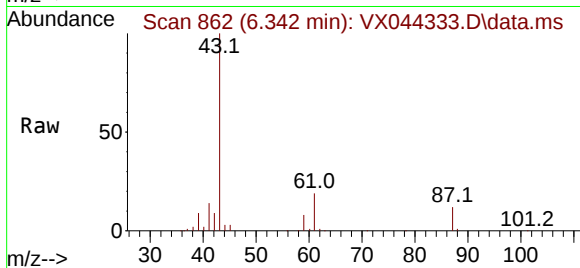




#43
Isopropyl Acetate
Concen: 51.112 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

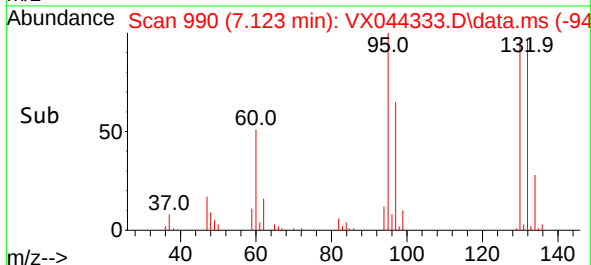
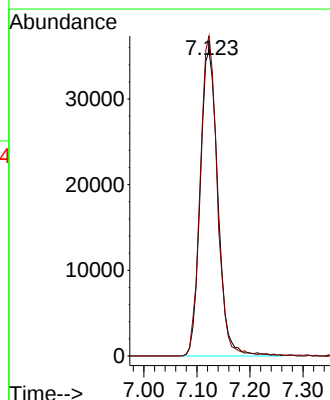
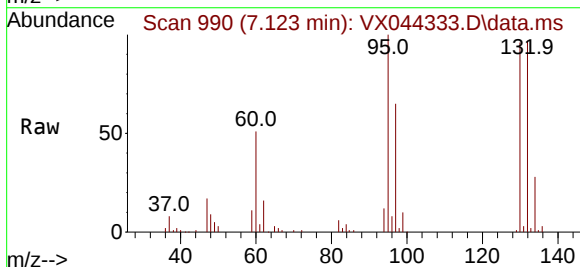
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

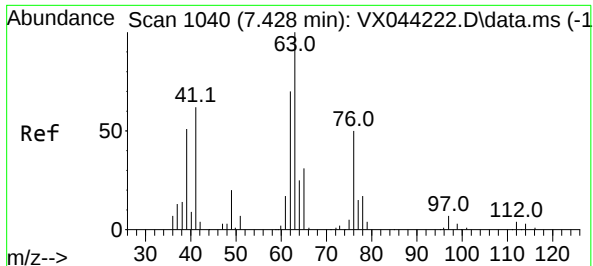
Tgt Ion: 43 Resp: 203870
Ion Ratio Lower Upper
43 100
61 18.4 14.2 21.2
87 12.5 10.2 15.2



#44
Trichloroethene
Concen: 52.710 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion:130 Resp: 82392
Ion Ratio Lower Upper
130 100
95 104.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 51.921 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

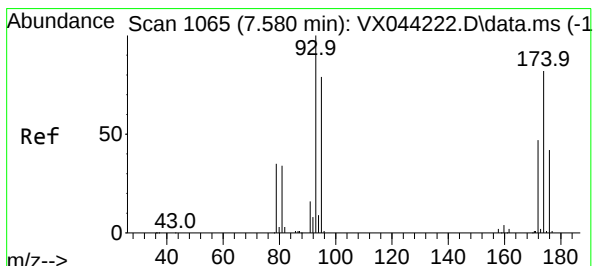
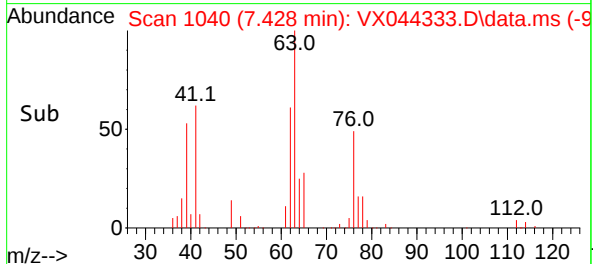
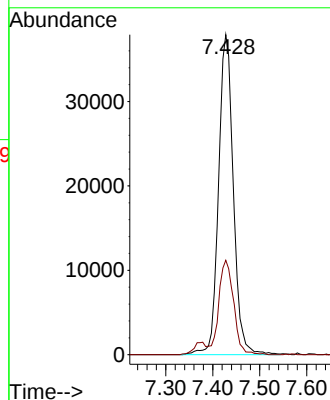
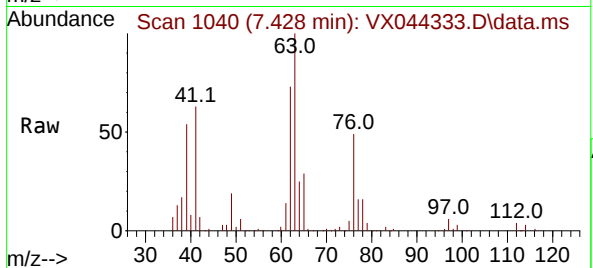
VSTDCCC050EC

Tgt Ion: 63 Resp: 83147

Ion Ratio Lower Upper

63 100

65 29.5 24.6 37.0



#46

Dibromomethane

Concen: 52.619 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

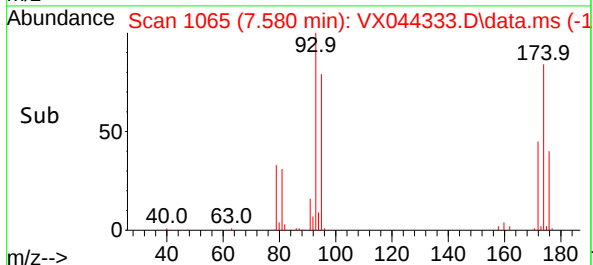
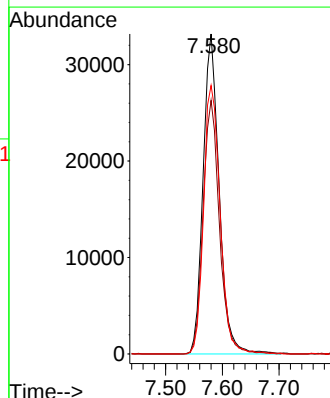
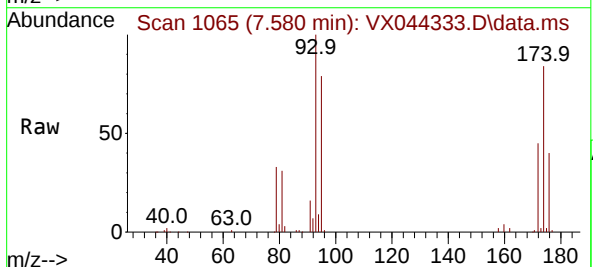
Tgt Ion: 93 Resp: 65373

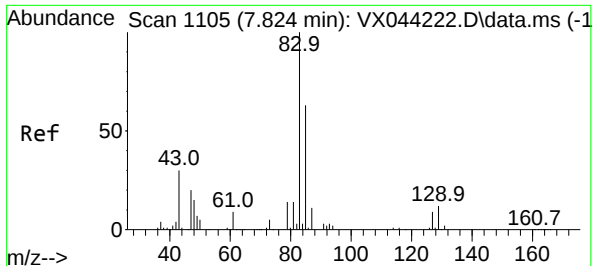
Ion Ratio Lower Upper

93 100

95 80.8 65.4 98.2

174 86.5 67.9 101.9

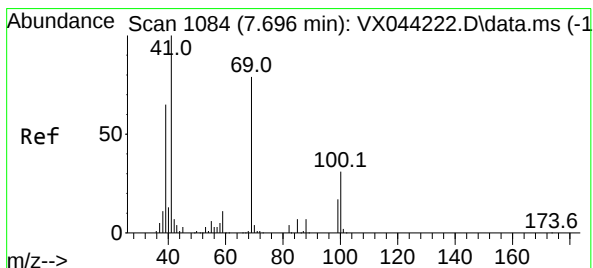
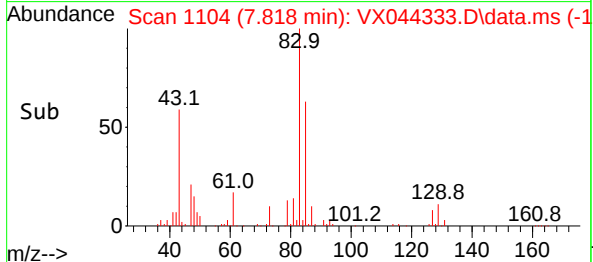
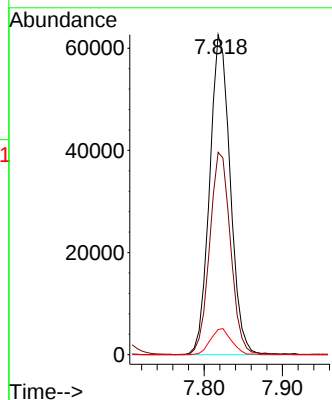
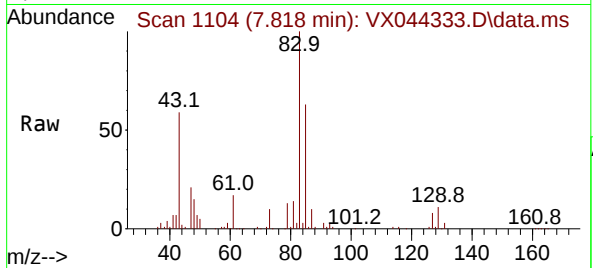




#47
Bromodichloromethane
Concen: 53.299 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

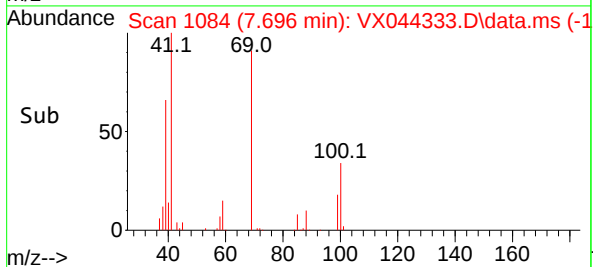
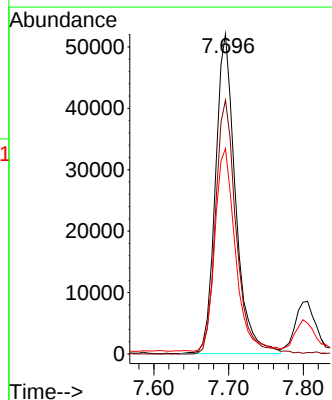
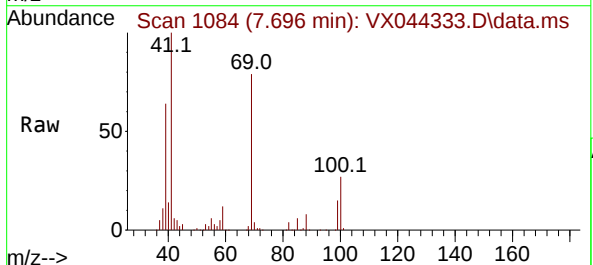
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

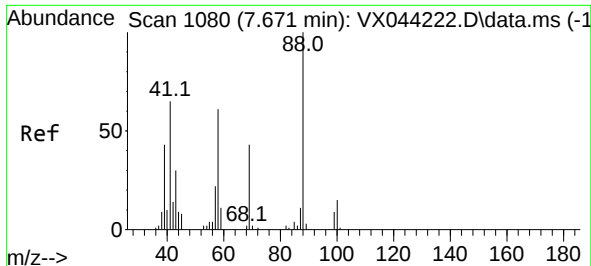
Tgt Ion: 83 Resp: 114362
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 7.9 7.3 10.9



#48
Methyl methacrylate
Concen: 50.074 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 41 Resp: 96955
Ion Ratio Lower Upper
41 100
69 81.8 62.4 93.6
39 64.9 53.3 79.9





#49

1,4-Dioxane

Concen: 1014.081 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

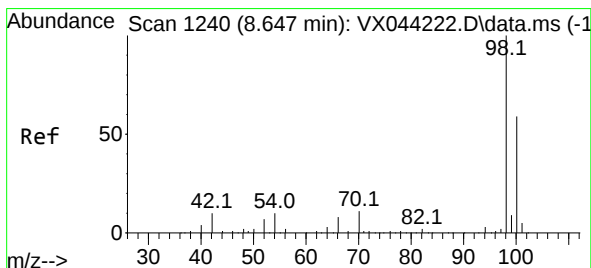
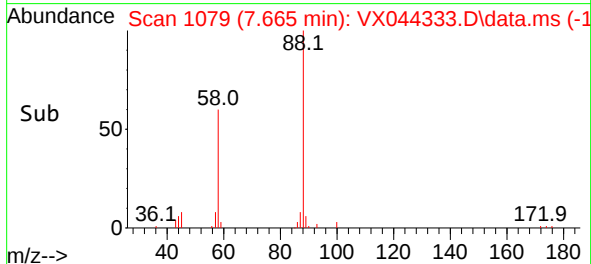
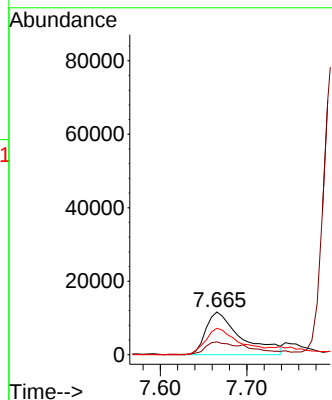
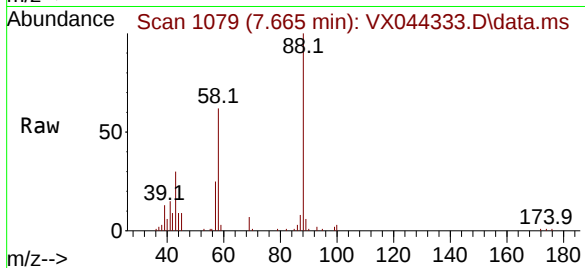
Tgt Ion: 88 Resp: 32554

Ion Ratio Lower Upper

88 100

43 39.6 27.1 40.7

58 59.9 41.0 61.4



#50

Toluene-d8

Concen: 51.868 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044333.D

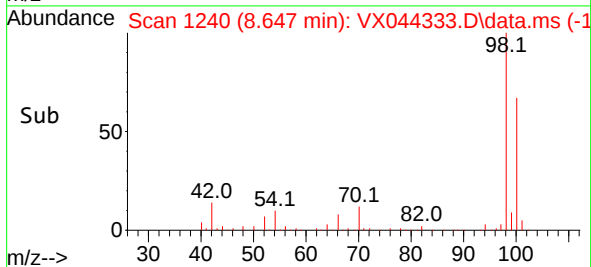
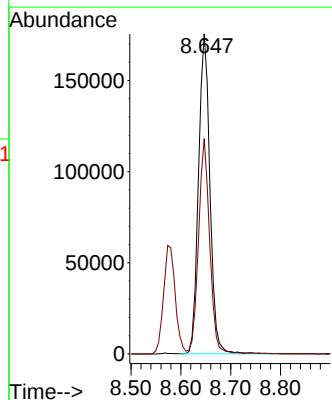
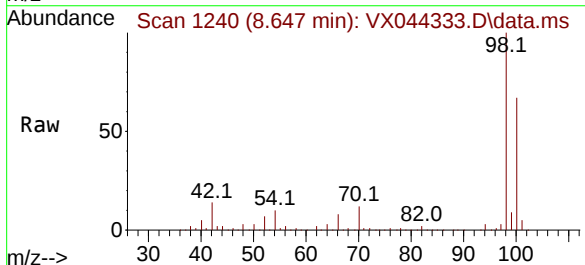
Acq: 16 Dec 2024 18:49

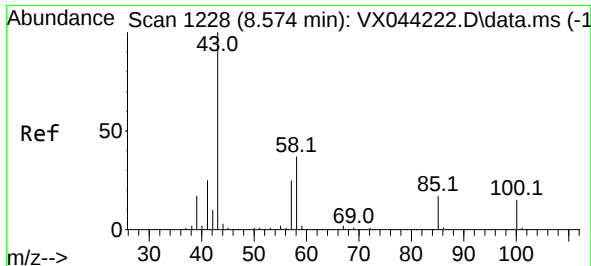
Tgt Ion: 98 Resp: 279477

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3

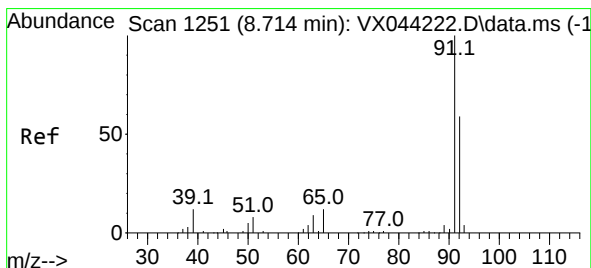
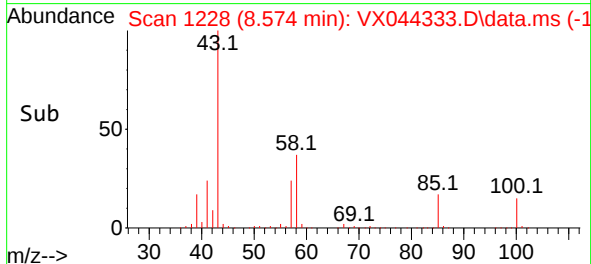
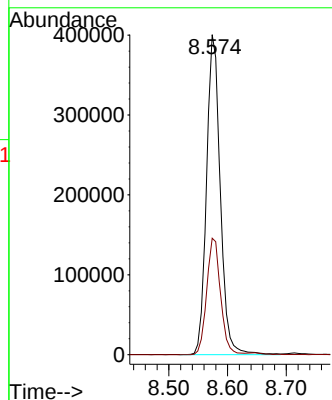
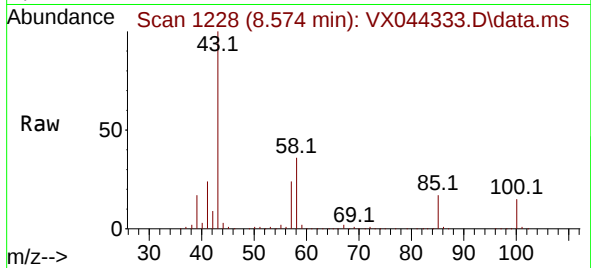




#51
4-Methyl-2-Pentanone
Concen: 253.754 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

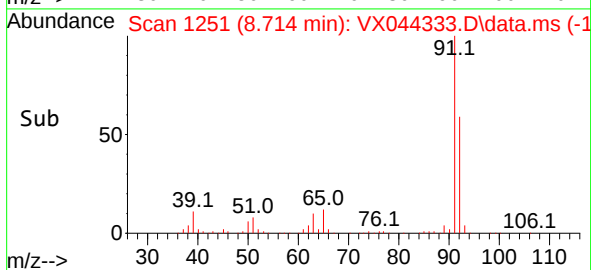
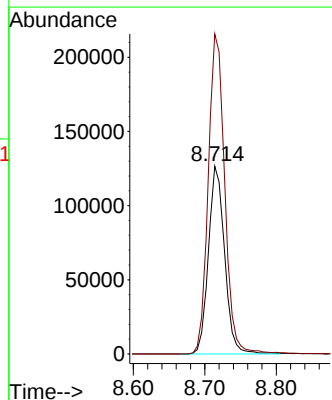
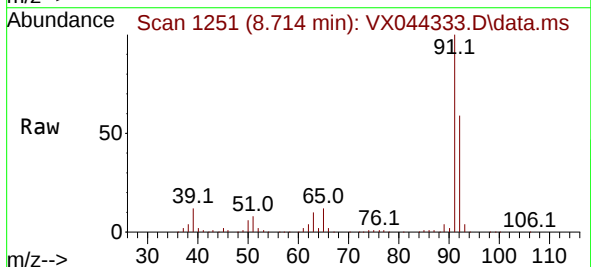
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

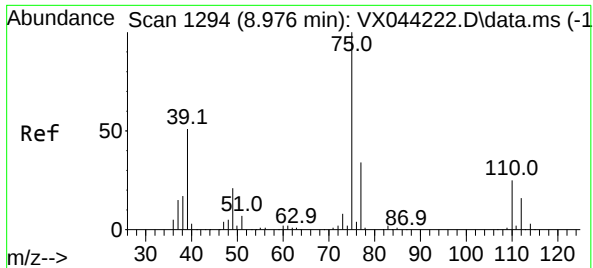
Tgt Ion: 43 Resp: 650792
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0



#52
Toluene
Concen: 50.644 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 92 Resp: 199348
Ion Ratio Lower Upper
92 100
91 174.2 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 47.848 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

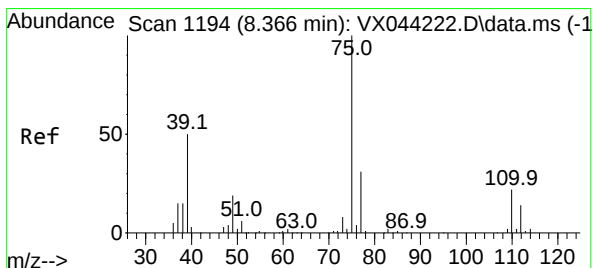
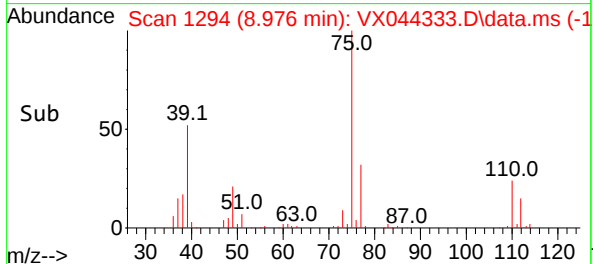
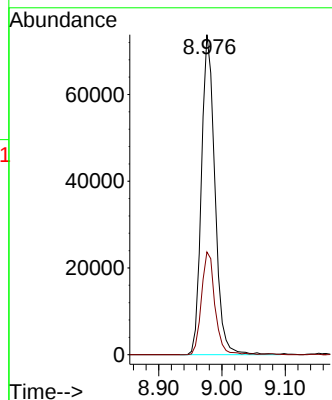
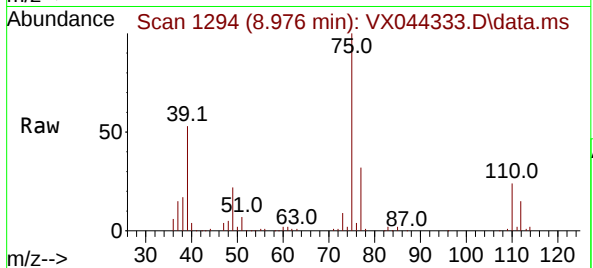
VSTDCCC050EC

Tgt Ion: 75 Resp: 109860

Ion Ratio Lower Upper

75 100

77 32.1 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 53.511 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

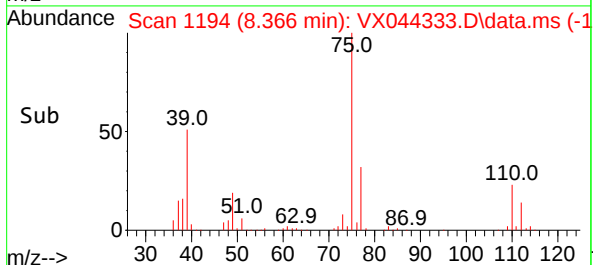
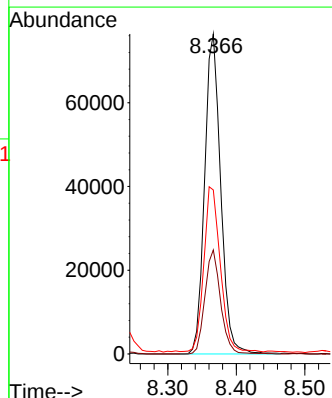
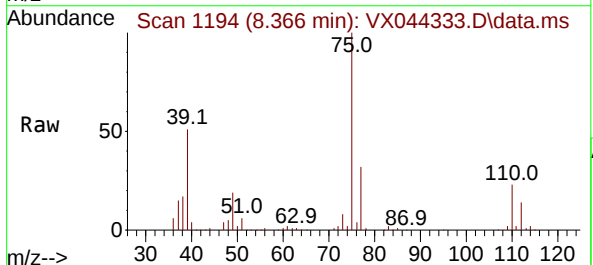
Tgt Ion: 75 Resp: 125016

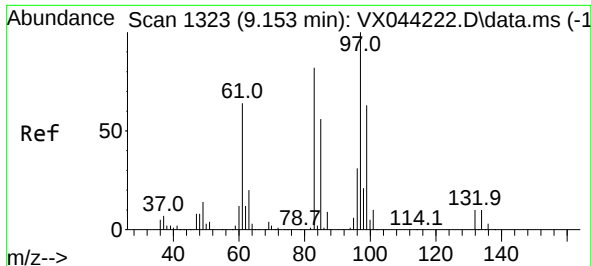
Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1

39 50.5 40.3 60.5

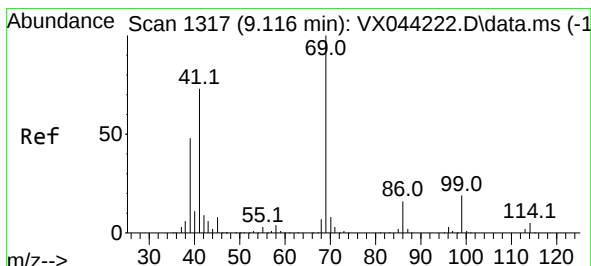
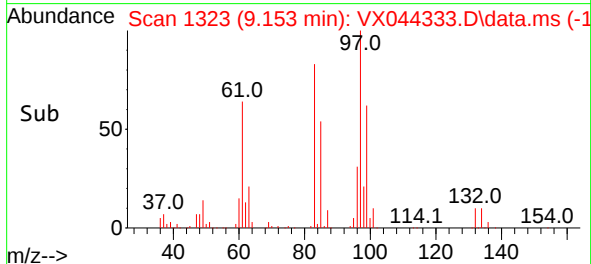
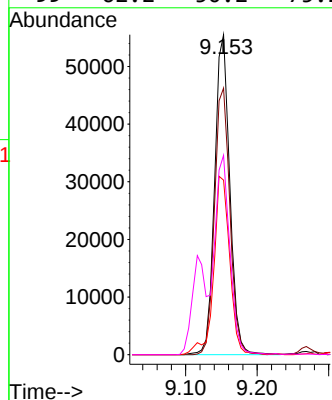
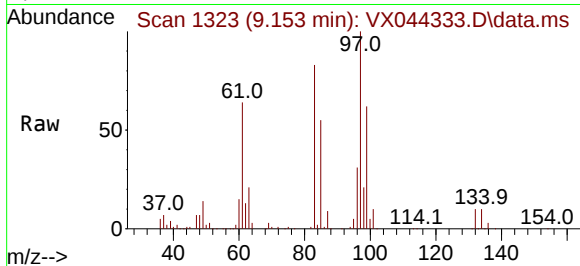




#55
1,1,2-Trichloroethane
Concen: 52.133 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

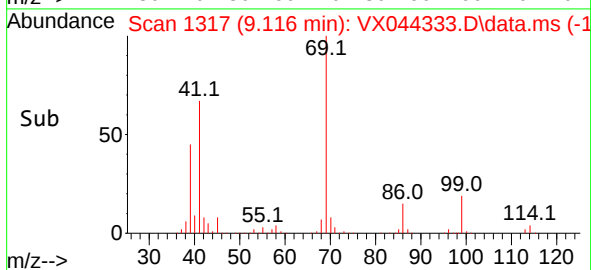
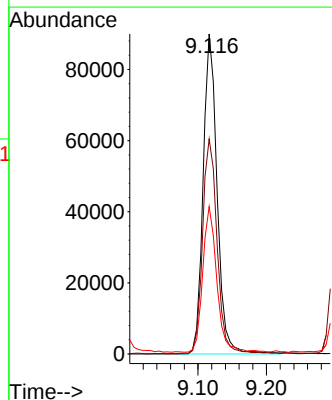
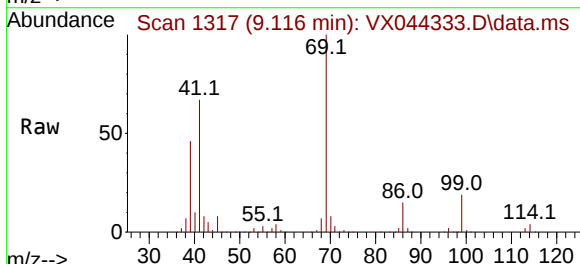
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

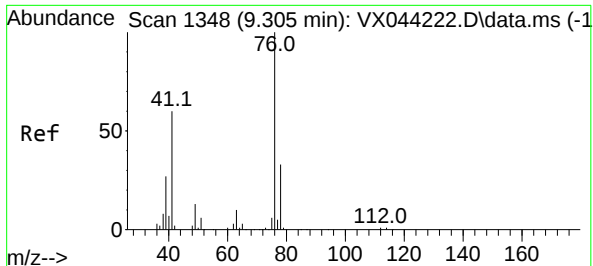
Tgt Ion: 97	Resp: 81523
Ion Ratio	Lower Upper
97 100	
83 83.3	65.3 97.9
85 54.6	44.6 67.0
99 62.2	50.2 75.2



#56
Ethyl methacrylate
Concen: 51.795 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 69	Resp: 127865
Ion Ratio	Lower Upper
69 100	
41 69.5	56.6 85.0
39 45.8	37.4 56.0





#57

1,3-Dichloropropane

Concen: 51.125 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

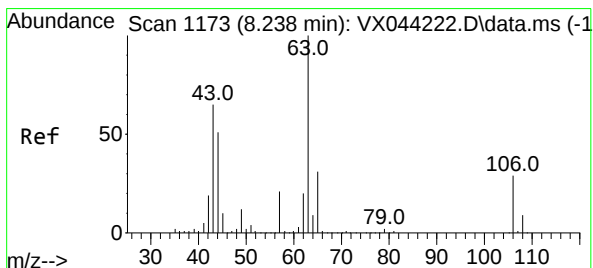
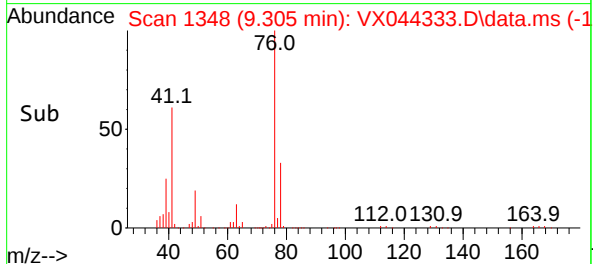
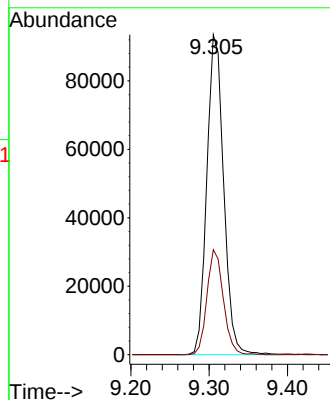
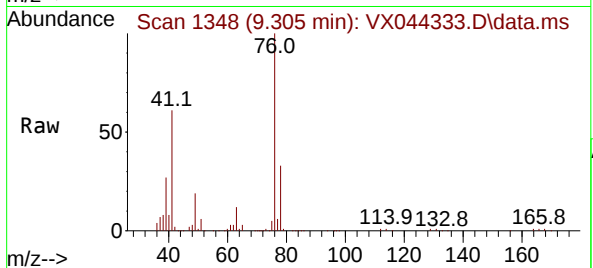
VSTDCCC050EC

Tgt Ion: 76 Resp: 139155

Ion Ratio Lower Upper

76 100

78 32.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 234.533 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044333.D

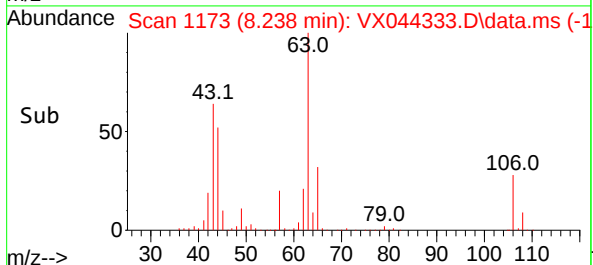
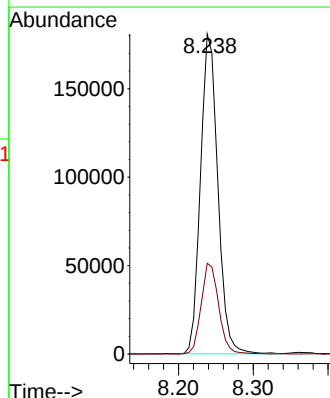
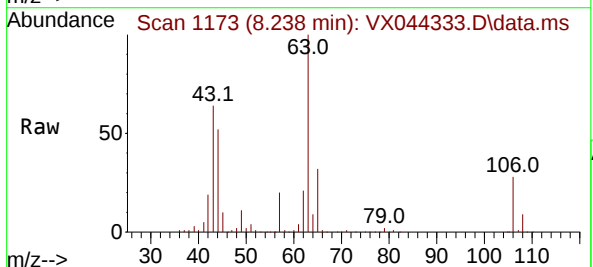
Acq: 16 Dec 2024 18:49

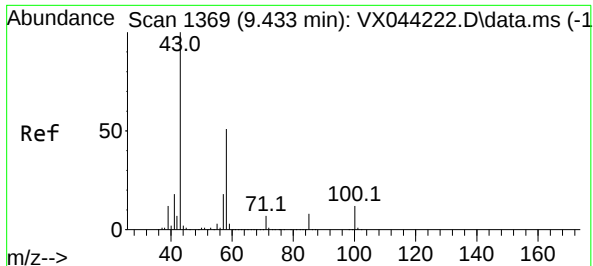
Tgt Ion: 63 Resp: 292023

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2

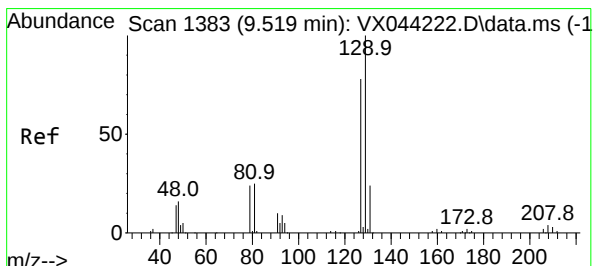
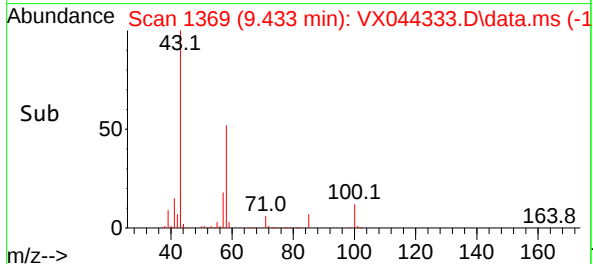
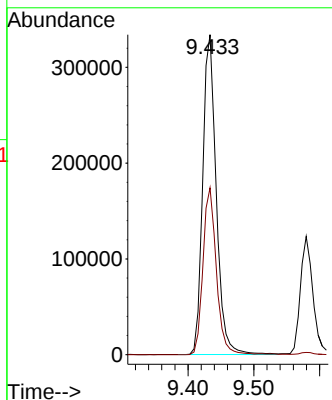
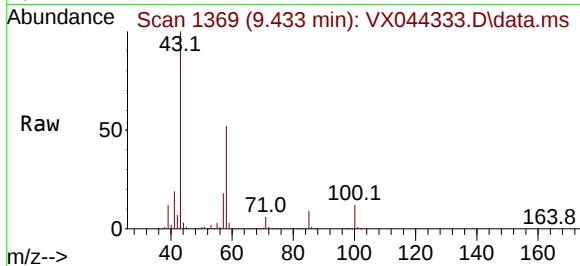




#59
2-Hexanone
Concen: 257.836 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

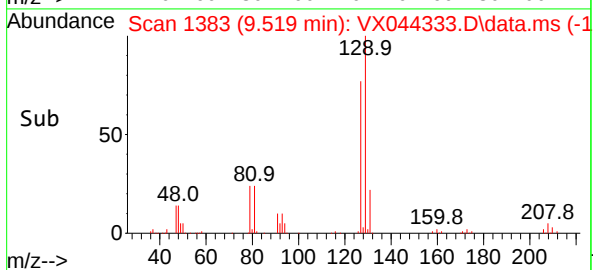
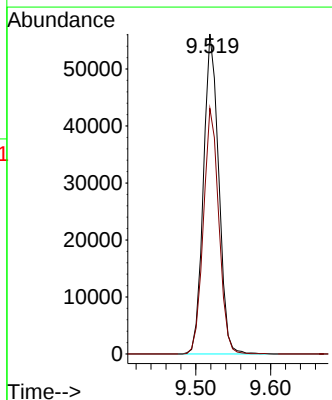
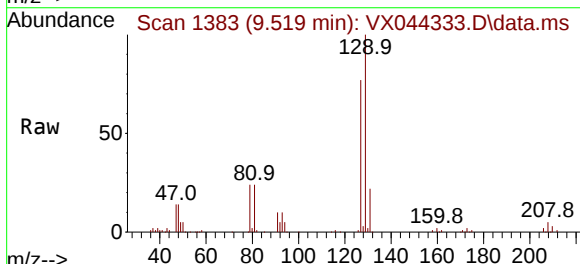
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

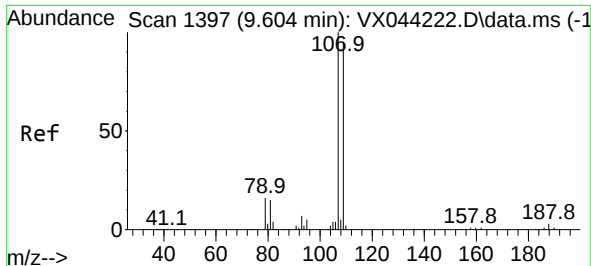
Tgt Ion: 43 Resp: 478637
Ion Ratio Lower Upper
43 100
58 51.9 25.7 77.0



#60
Dibromochloromethane
Concen: 48.192 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 129 Resp: 79601
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

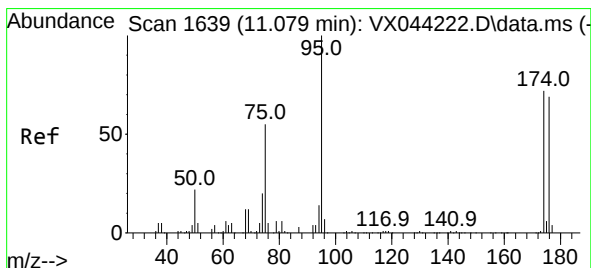
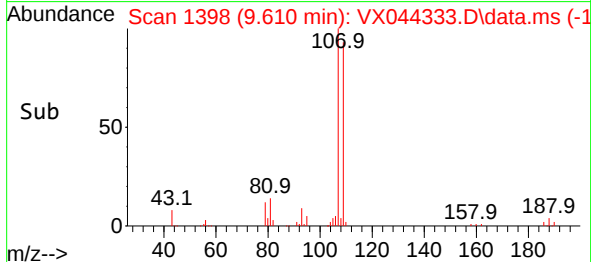
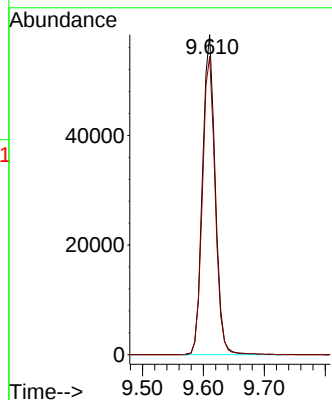
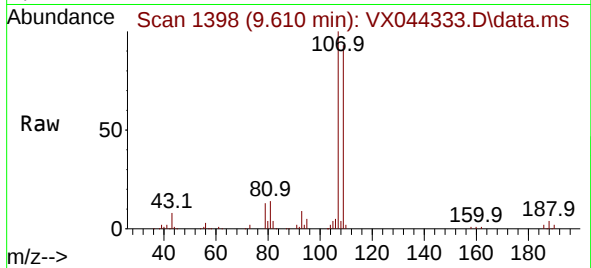




#61
1,2-Dibromoethane
Concen: 53.281 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

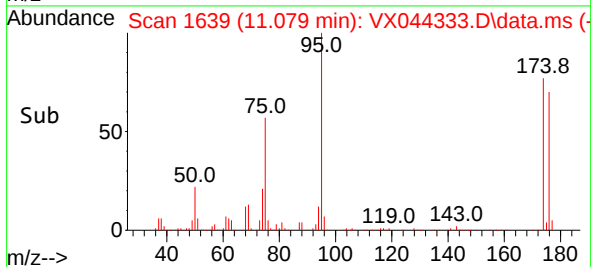
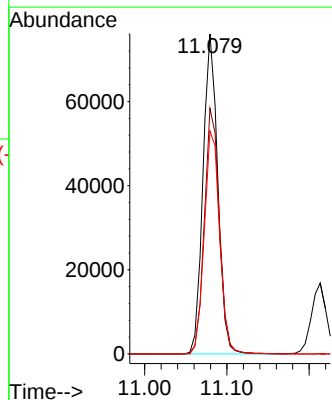
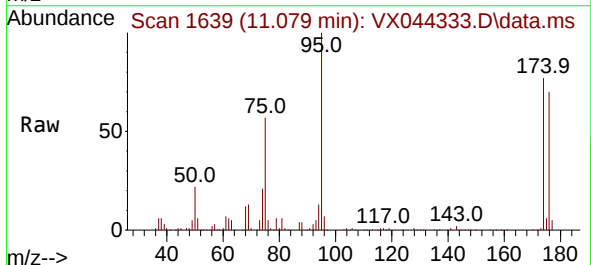
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

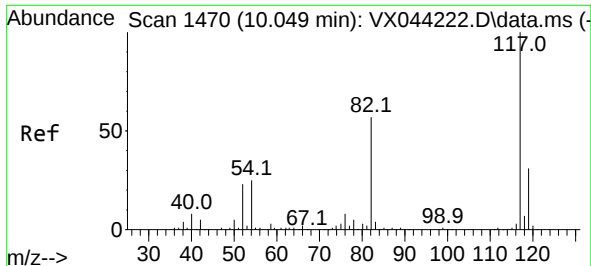
Tgt Ion:107 Resp: 84809
Ion Ratio Lower Upper
107 100
109 93.3 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 50.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 95 Resp: 94782
Ion Ratio Lower Upper
95 100
174 78.0 0.0 145.8
176 72.6 0.0 137.8

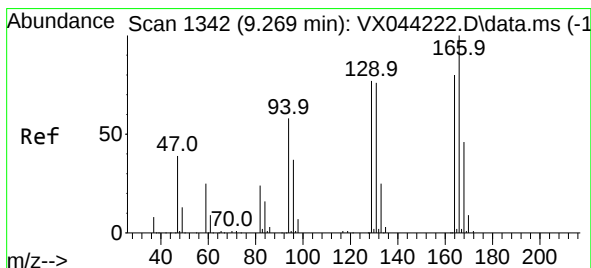
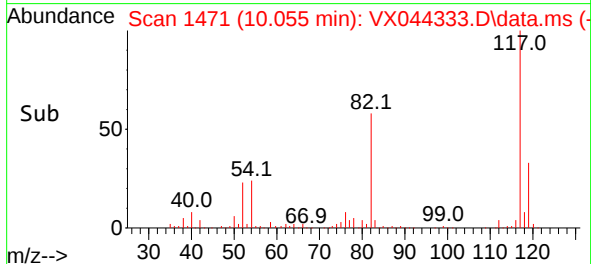
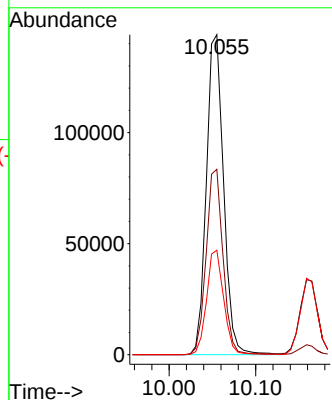
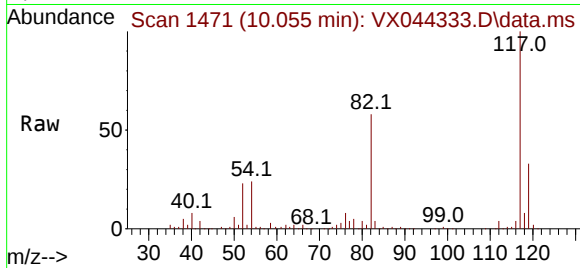




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

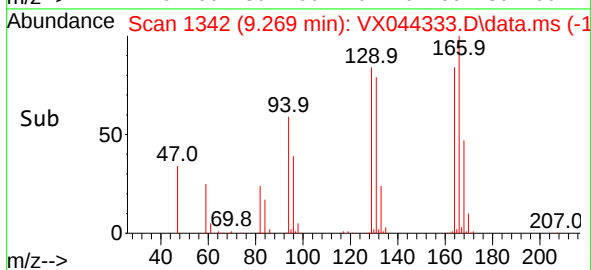
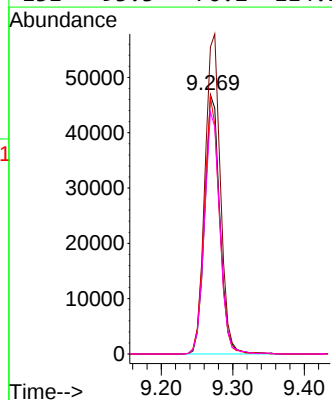
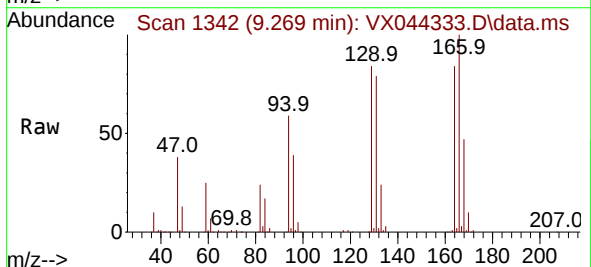
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

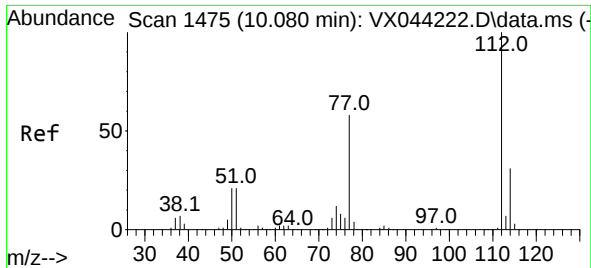
Tgt Ion:117 Resp: 198923
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.8
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 52.171 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion:164 Resp: 68881
Ion Ratio Lower Upper
164 100
166 118.4 100.4 150.6
129 99.2 77.2 115.8
131 93.3 76.2 114.2

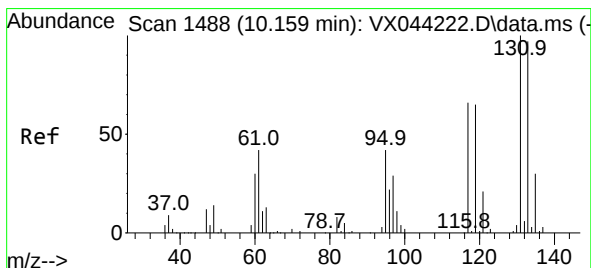
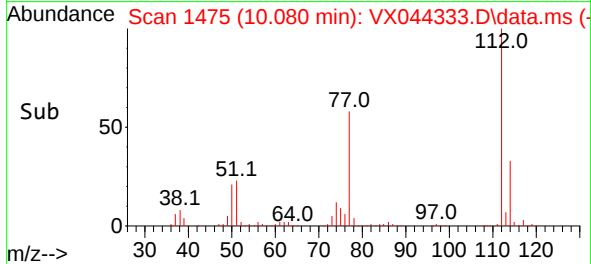
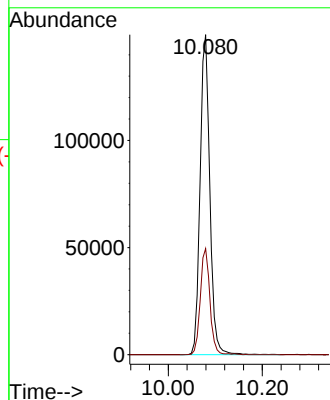
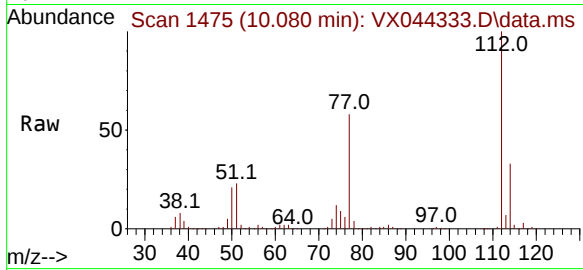




#65
Chlorobenzene
Concen: 50.592 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

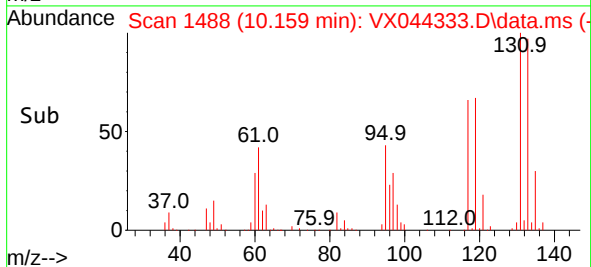
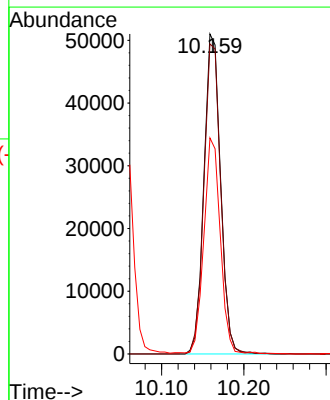
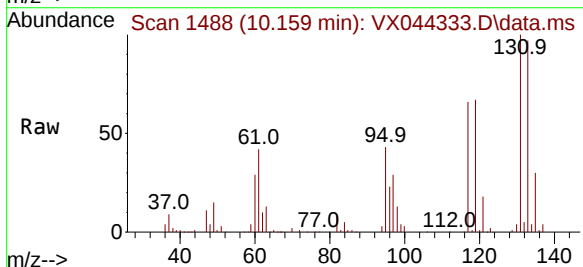
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

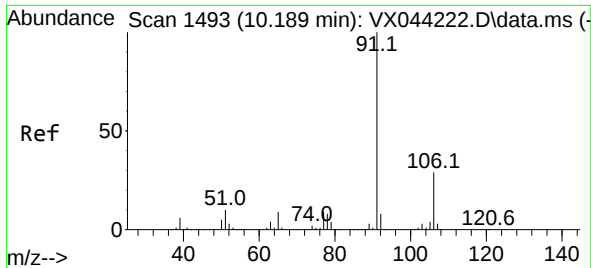
Tgt Ion:112 Resp: 215647
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.341 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion:131 Resp: 71702
Ion Ratio Lower Upper
131 100
133 97.6 47.3 141.8
119 66.7 31.6 95.0





#67

Ethyl Benzene

Concen: 51.891 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

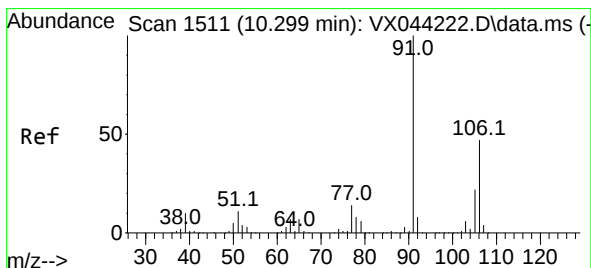
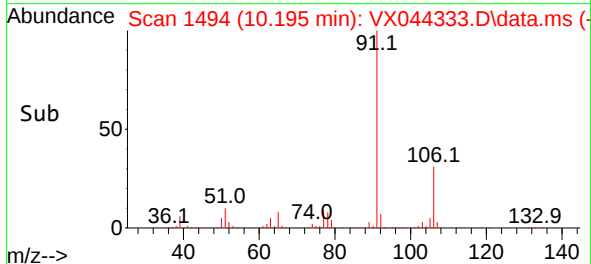
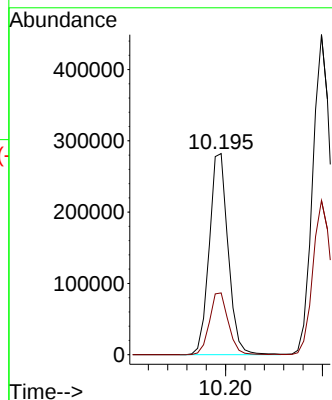
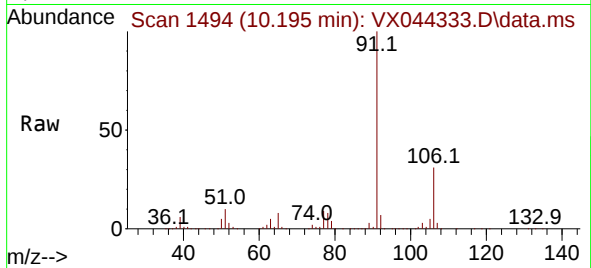
VSTDCCC050EC

Tgt Ion: 91 Resp: 382167

Ion Ratio Lower Upper

91 100

106 30.7 23.5 35.3



#68

m/p-Xylenes

Concen: 106.473 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044333.D

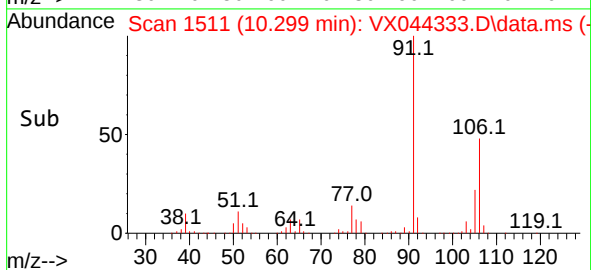
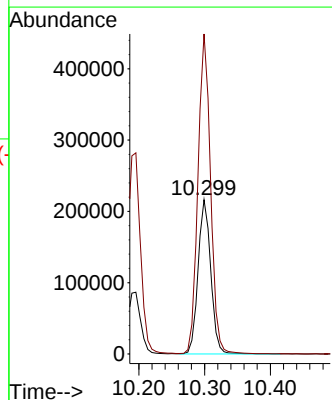
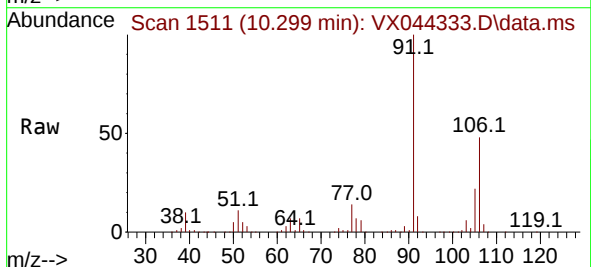
Acq: 16 Dec 2024 18:49

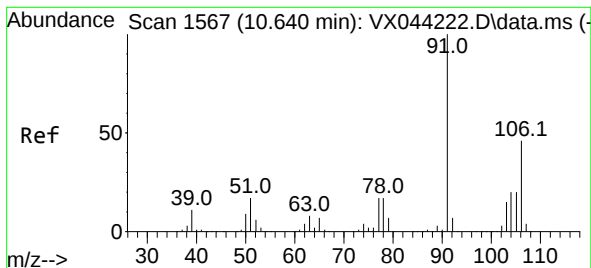
Tgt Ion:106 Resp: 287740

Ion Ratio Lower Upper

106 100

91 207.1 170.2 255.2





#69

o-Xylene

Concen: 52.198 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

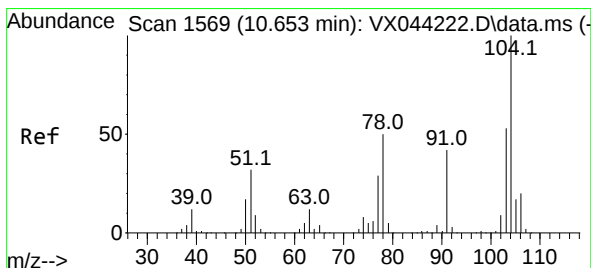
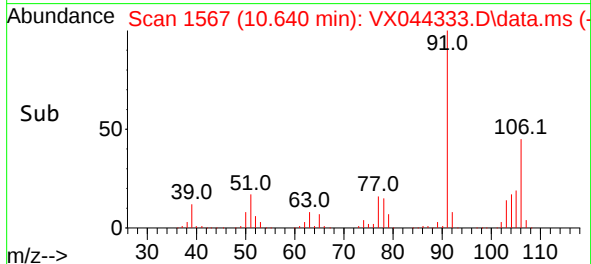
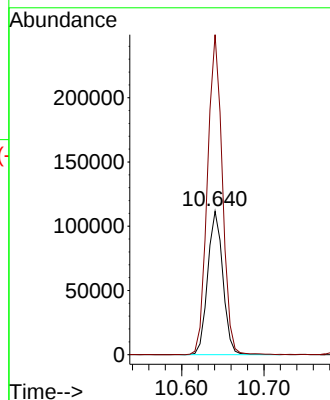
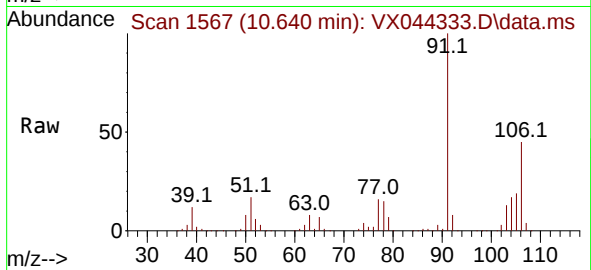
VSTDCCC050EC

Tgt Ion:106 Resp: 142728

Ion Ratio Lower Upper

106 100

91 219.8 112.3 337.0



#70

Styrene

Concen: 53.884 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

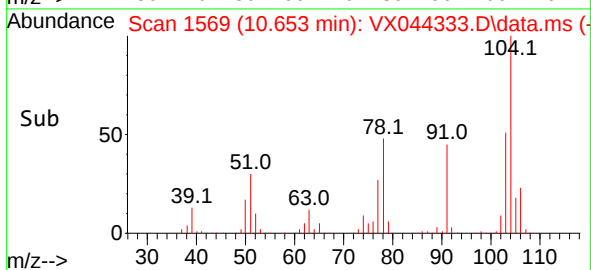
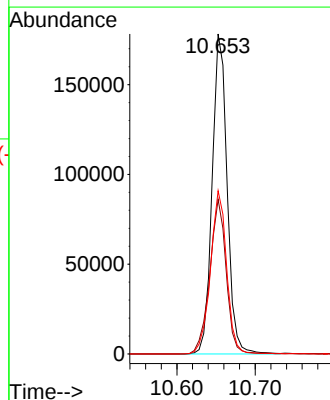
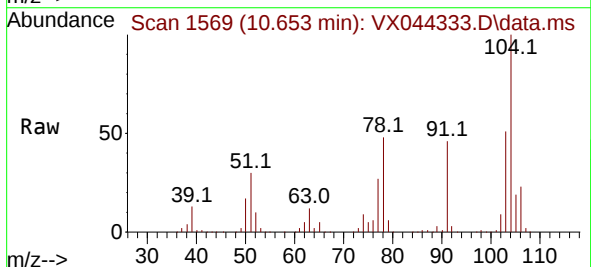
Tgt Ion:104 Resp: 236196

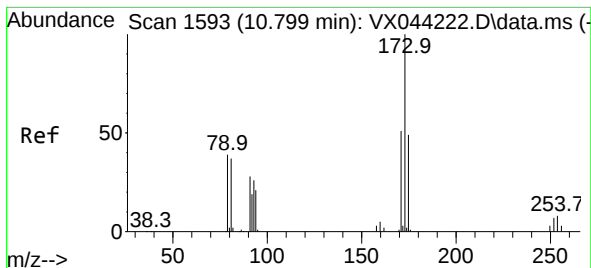
Ion Ratio Lower Upper

104 100

78 53.1 44.6 67.0

103 55.3 45.4 68.0





#71

Bromoform

Concen: 48.284 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

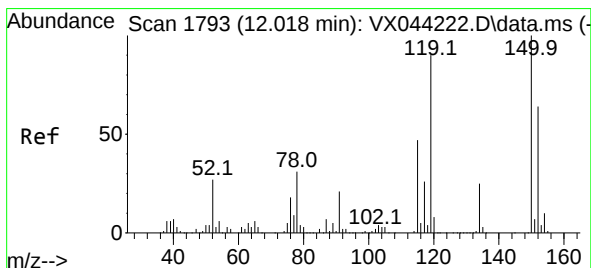
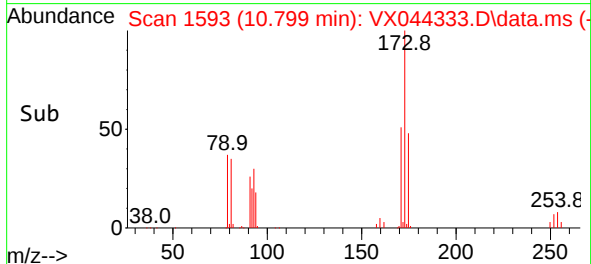
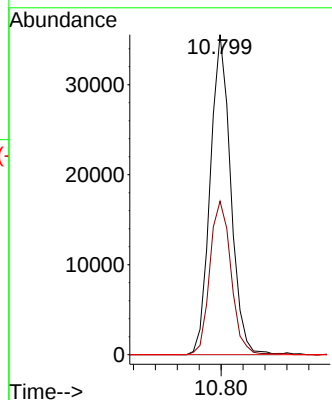
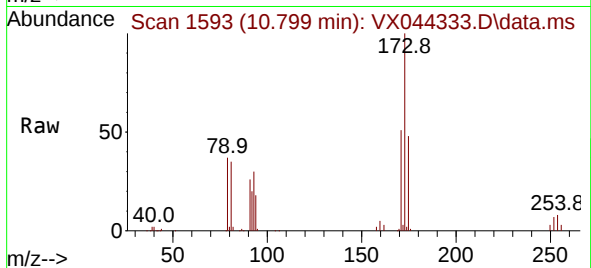
Tgt Ion:173 Resp: 46006

Ion Ratio Lower Upper

173 100

175 50.0 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

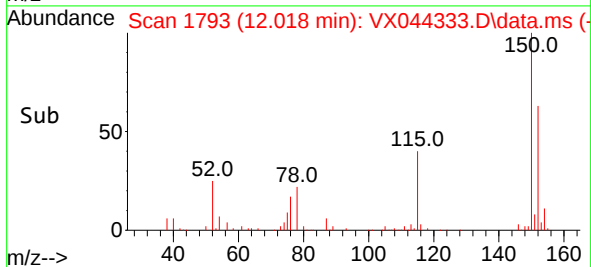
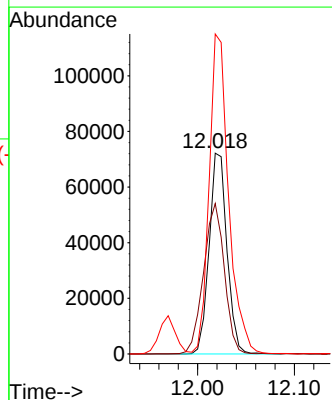
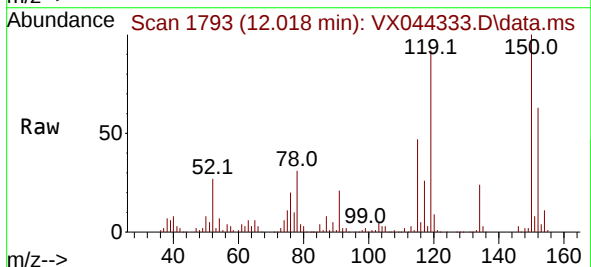
Tgt Ion:152 Resp: 92595

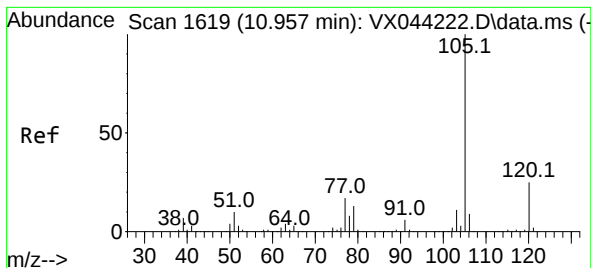
Ion Ratio Lower Upper

152 100

115 87.6 44.5 133.3

150 173.4 0.0 353.8





#73

Isopropylbenzene

Concen: 51.225 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

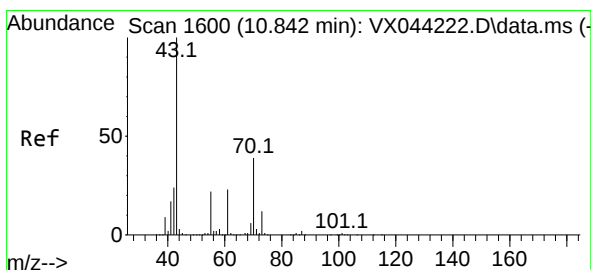
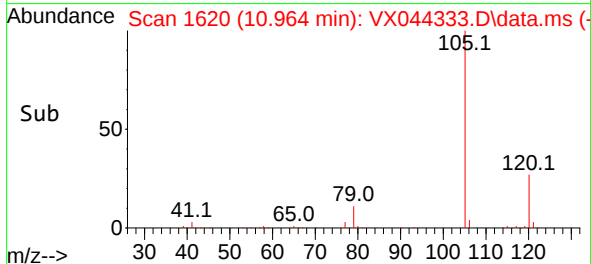
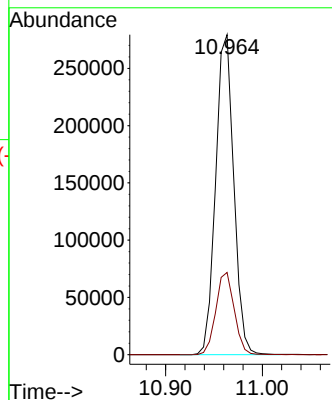
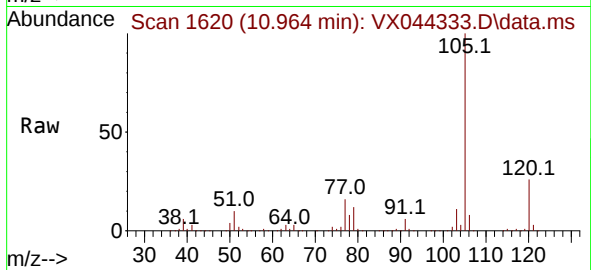
VSTDCCC050EC

Tgt Ion:105 Resp: 363112

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 52.059 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Tgt Ion: 43 Resp: 170545

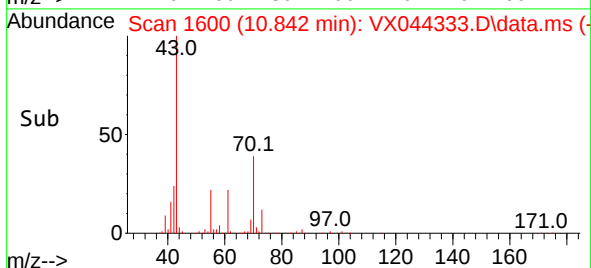
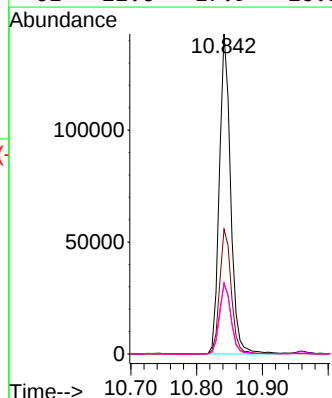
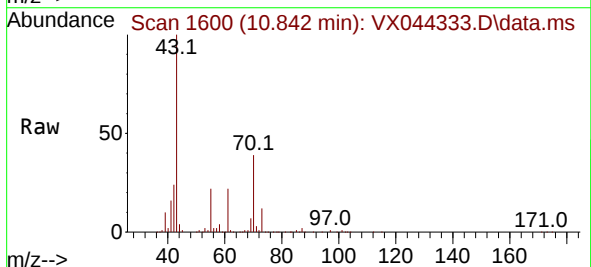
Ion Ratio Lower Upper

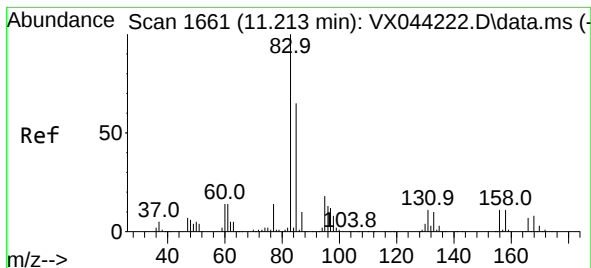
43 100

70 40.4 31.9 47.9

55 22.6 17.9 26.9

61 22.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.158 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

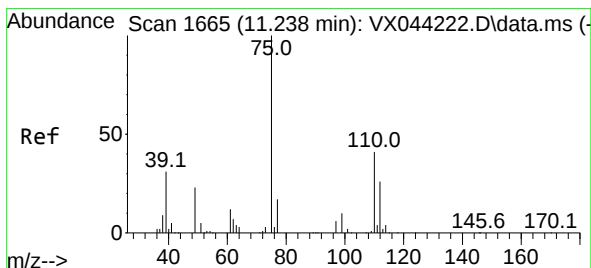
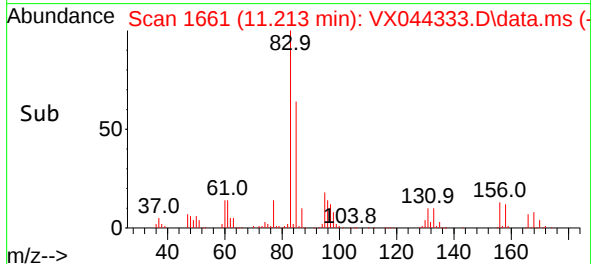
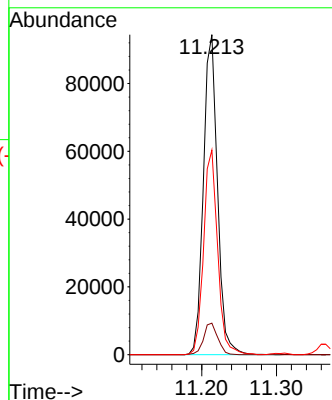
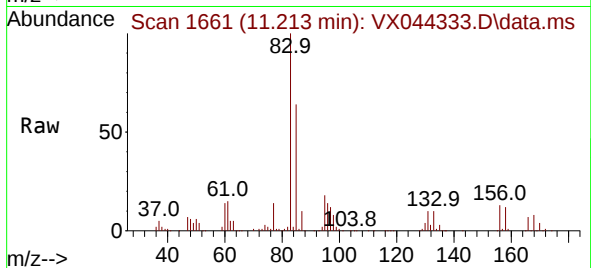
Tgt Ion: 83 Resp: 123493

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

85 63.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 63.556 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044333.D

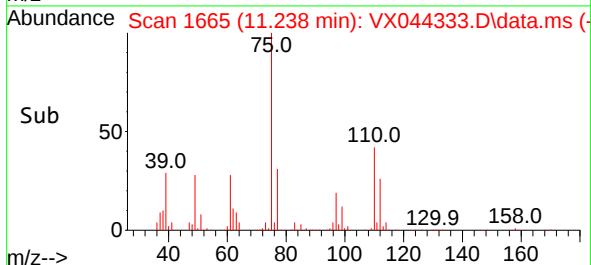
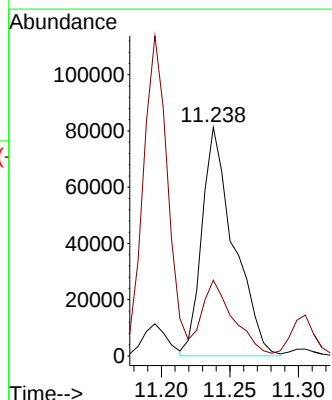
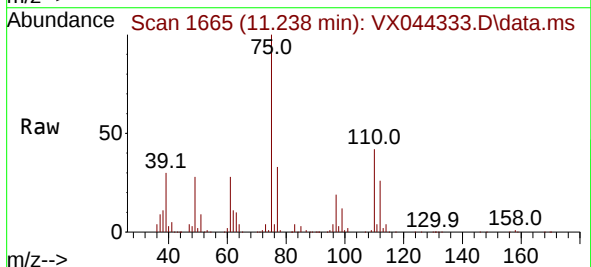
Acq: 16 Dec 2024 18:49

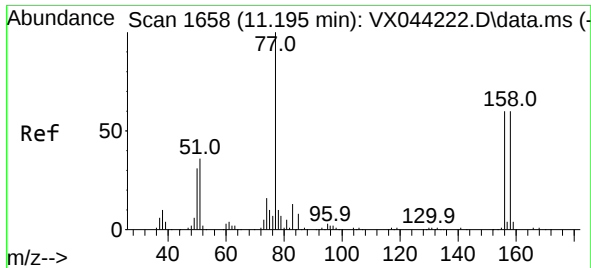
Tgt Ion: 75 Resp: 131398

Ion Ratio Lower Upper

75 100

77 32.8 20.9 62.7

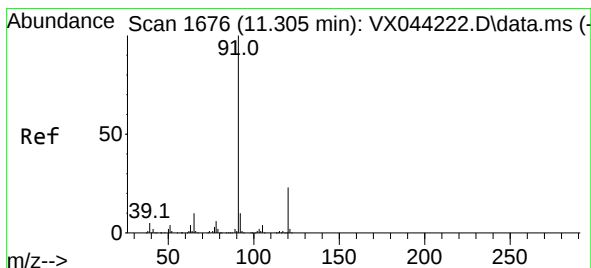
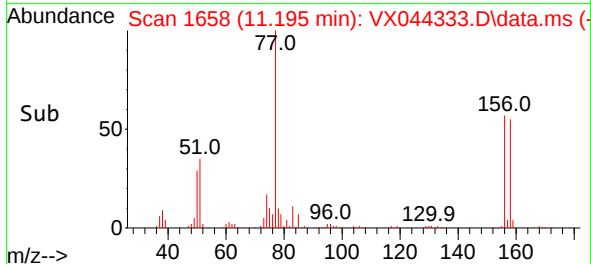
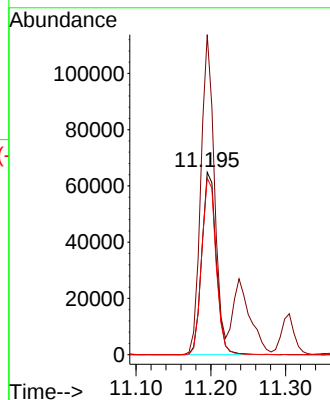
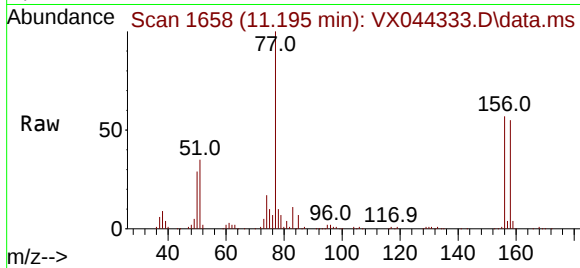




#77
Bromobenzene
Concen: 50.550 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

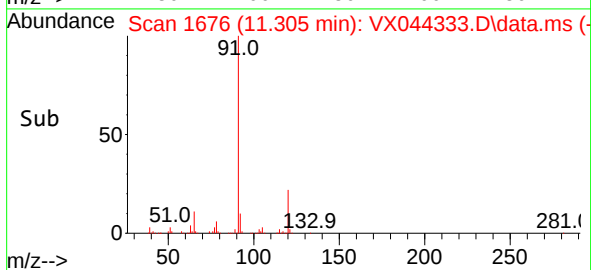
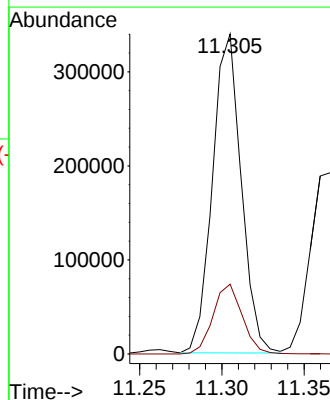
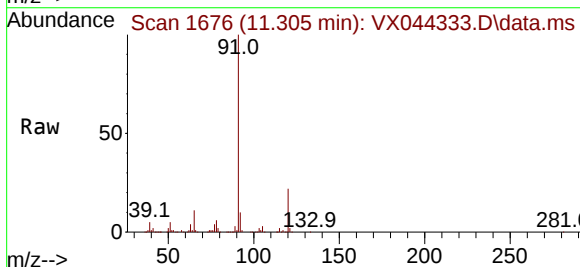
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

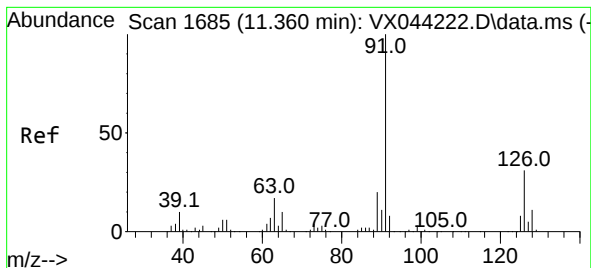
Tgt Ion:156 Resp: 86892
Ion Ratio Lower Upper
156 100
77 163.8 82.6 247.8
158 96.7 48.8 146.4



#78
n-propylbenzene
Concen: 52.642 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044333.D
Acq: 16 Dec 2024 18:49

Tgt Ion: 91 Resp: 412433
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.796 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

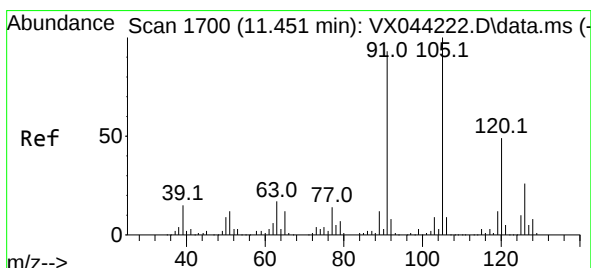
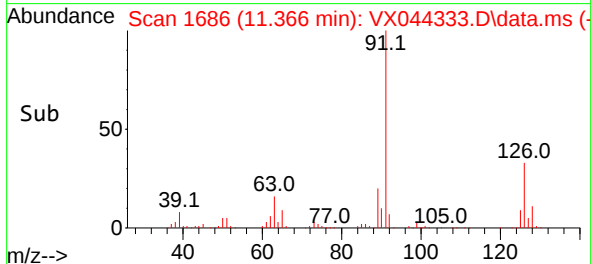
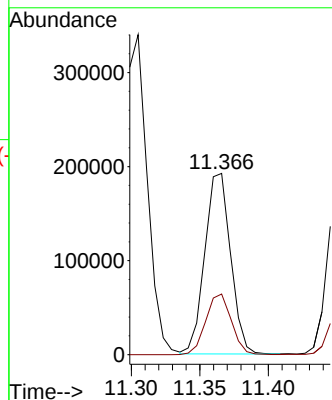
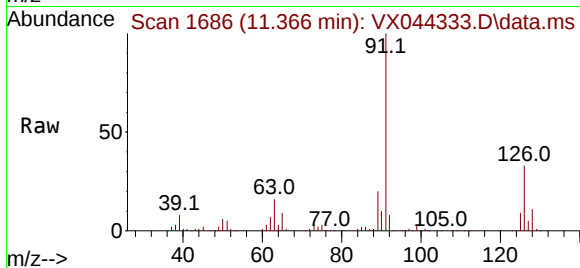
VSTDCCC050EC

Tgt Ion: 91 Resp: 252313

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 50.381 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044333.D

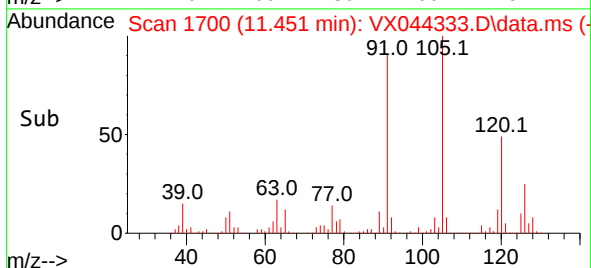
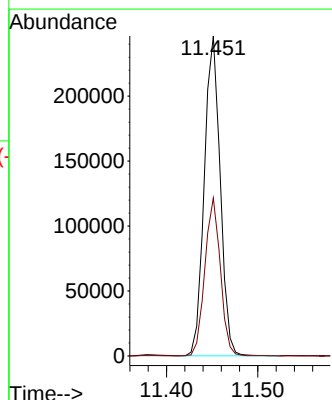
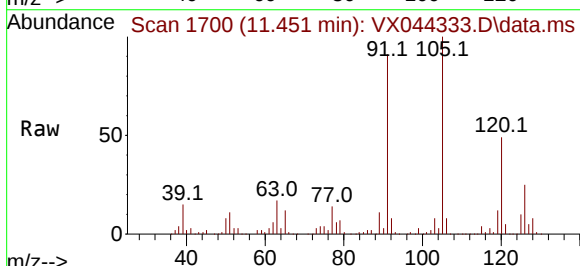
Acq: 16 Dec 2024 18:49

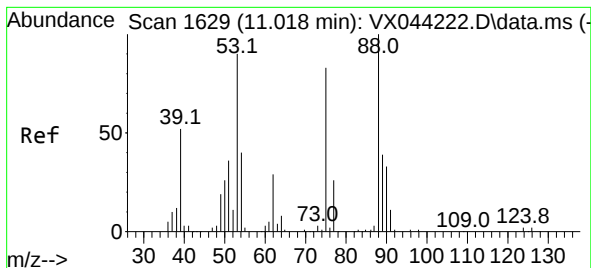
Tgt Ion:105 Resp: 296160

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.4

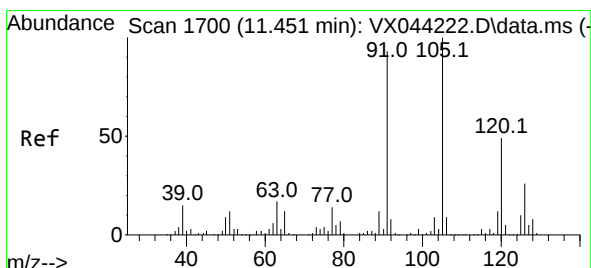
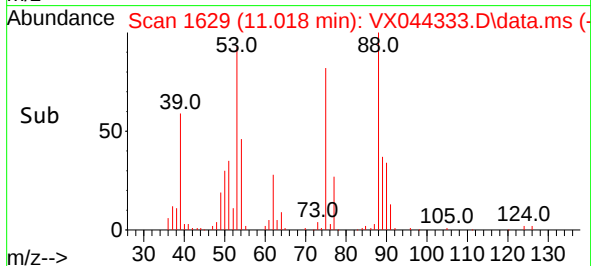
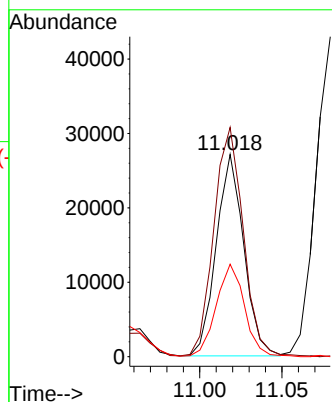
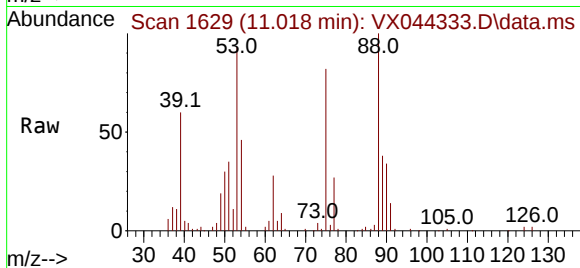




#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.414 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

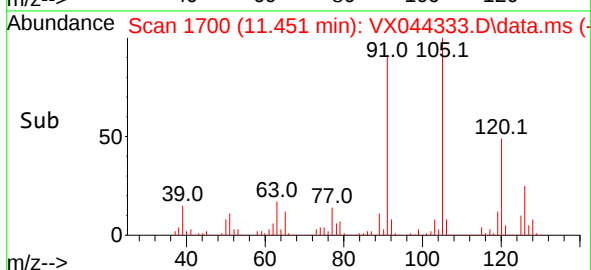
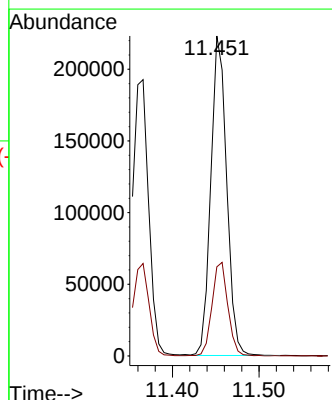
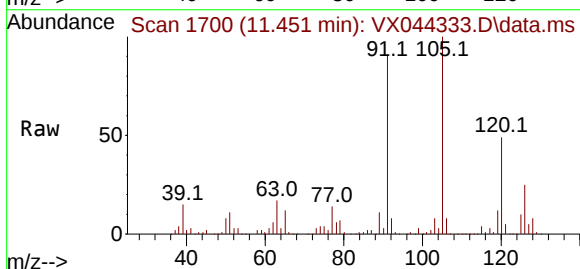
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

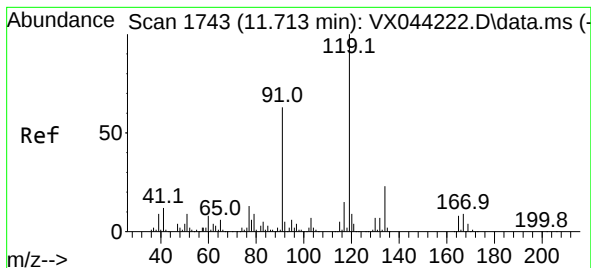
Tgt Ion:	75	Resp:	31538
Ion	Ratio	Lower	Upper
75	100		
53	122.2	93.6	140.4
89	47.3	37.3	55.9



#82
 4-Chlorotoluene
 Concen: 50.519 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

Tgt Ion:	91	Resp:	283458
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.5	43.5





#83

tert-Butylbenzene

Concen: 51.259 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

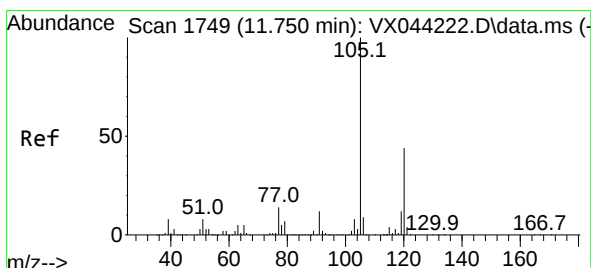
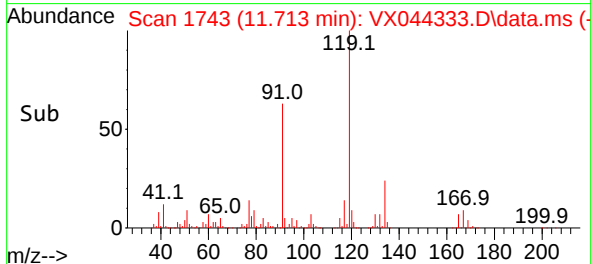
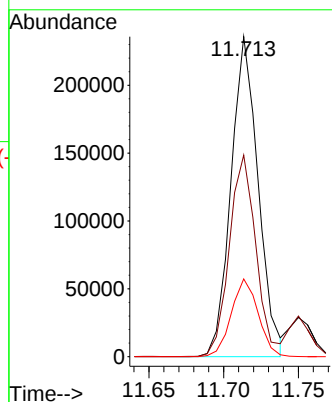
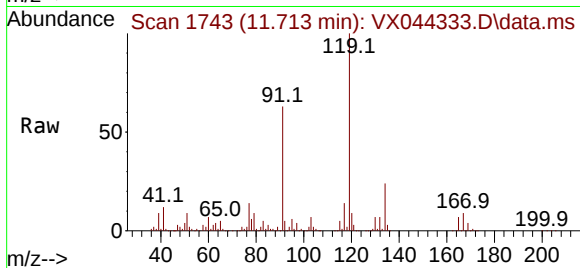
Tgt Ion:119 Resp: 297786

Ion Ratio Lower Upper

119 100

91 61.8 30.9 92.5

134 24.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 51.986 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044333.D

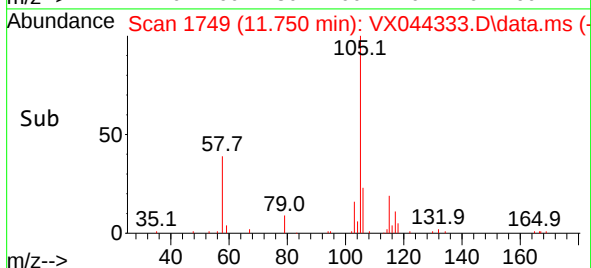
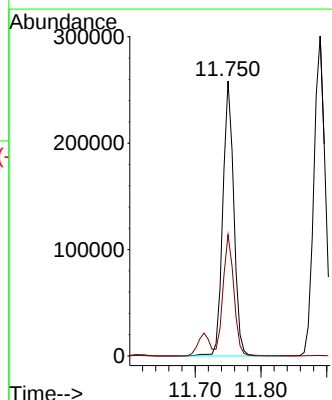
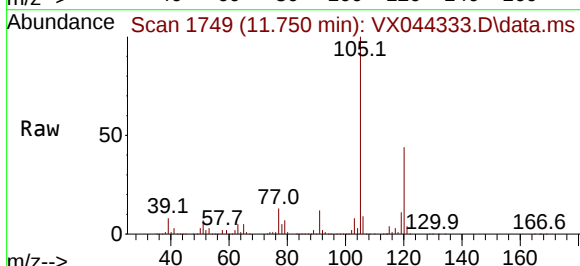
Acq: 16 Dec 2024 18:49

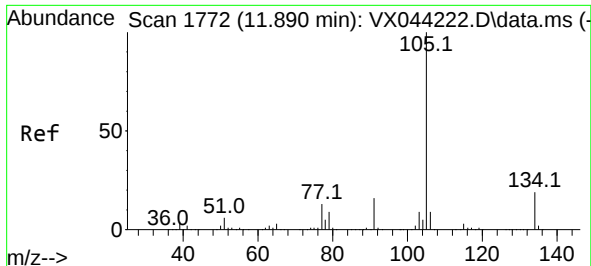
Tgt Ion:105 Resp: 300120

Ion Ratio Lower Upper

105 100

120 43.5 21.7 65.1

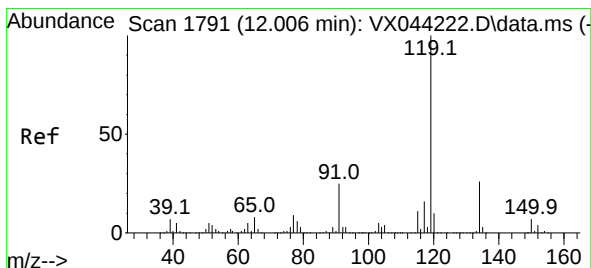
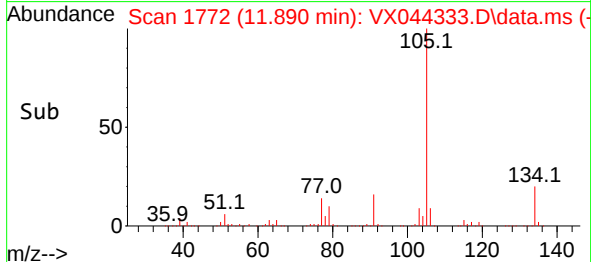
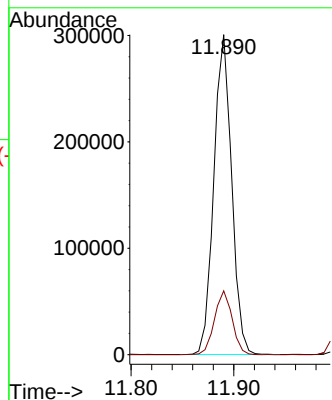
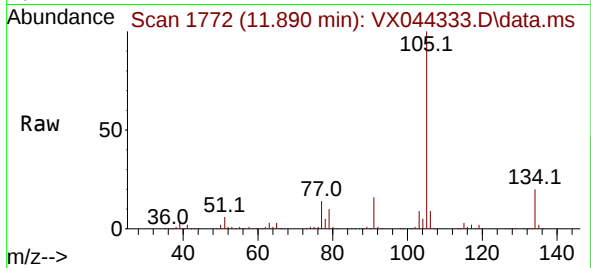




#85
 sec-Butylbenzene
 Concen: 51.080 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

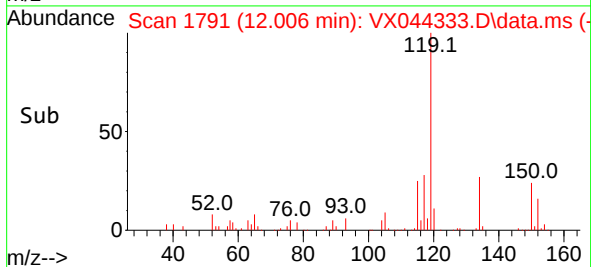
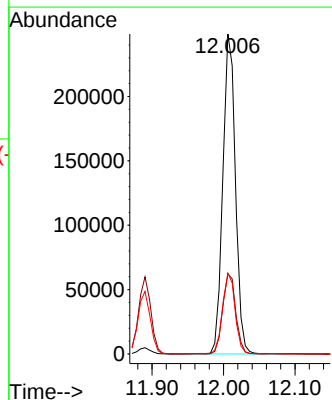
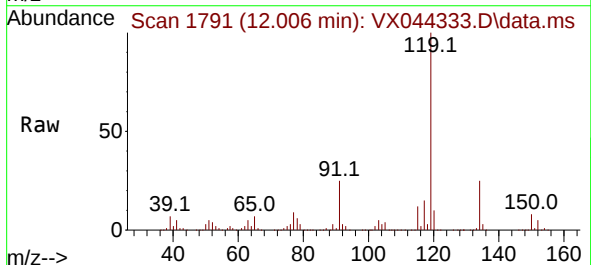
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

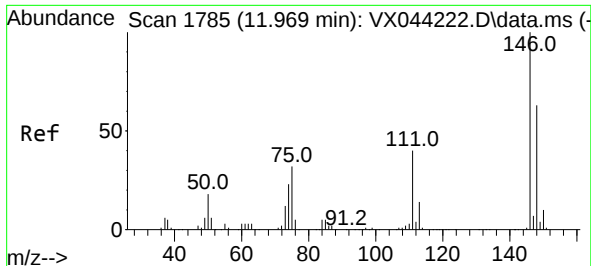
Tgt Ion:105 Resp: 360250
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.877 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

Tgt Ion:119 Resp: 304517
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.617 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

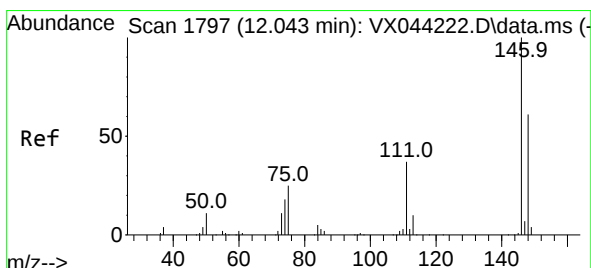
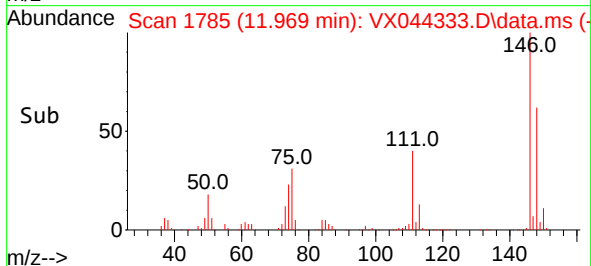
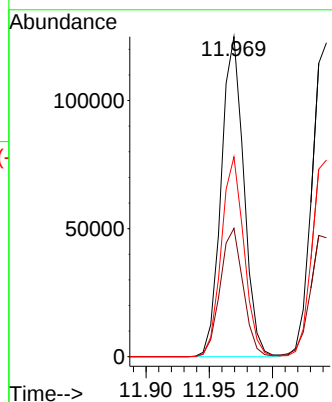
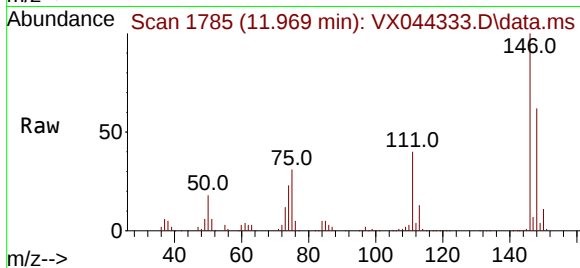
Tgt Ion:146 Resp: 154984

Ion Ratio Lower Upper

146 100

111 40.9 21.4 64.2

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.110 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

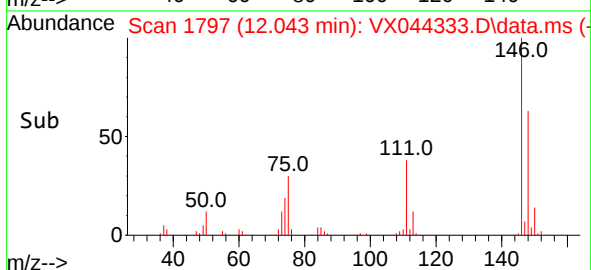
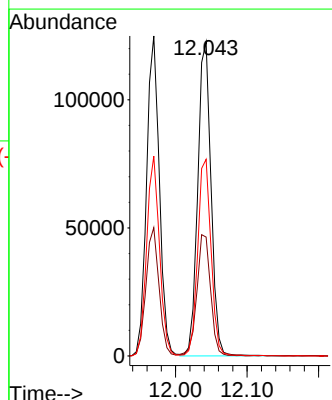
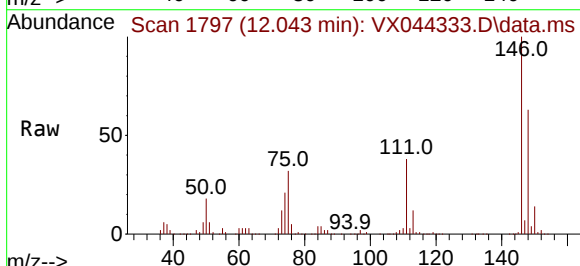
Tgt Ion:146 Resp: 157753

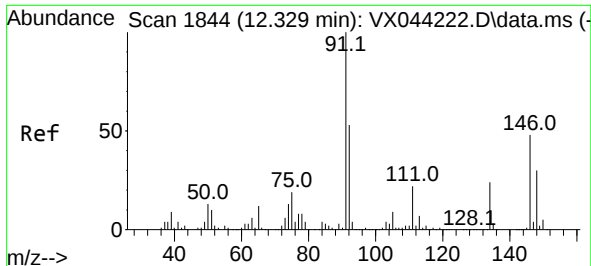
Ion Ratio Lower Upper

146 100

111 39.9 21.0 63.0

148 62.6 32.3 96.8





#89

n-Butylbenzene

Concen: 52.623 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

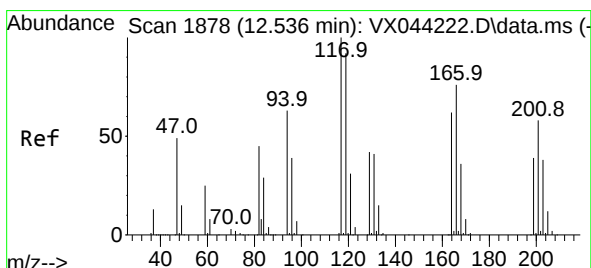
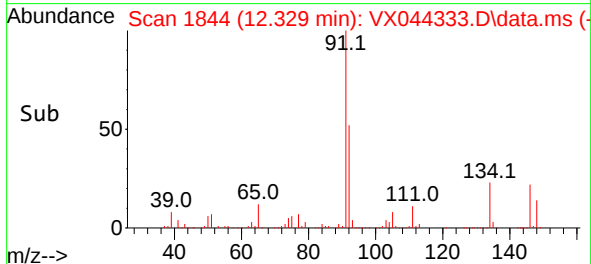
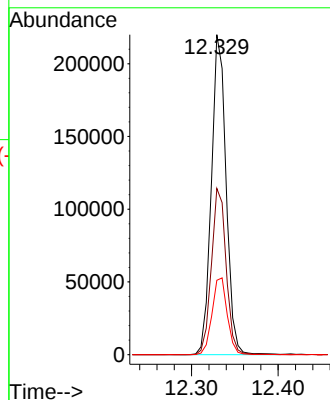
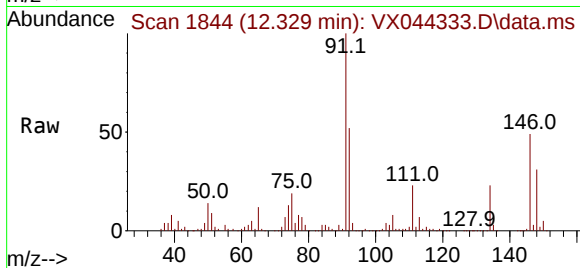
Tgt Ion: 91 Resp: 259746

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 52.375 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044333.D

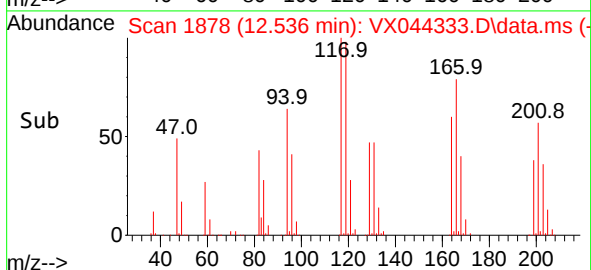
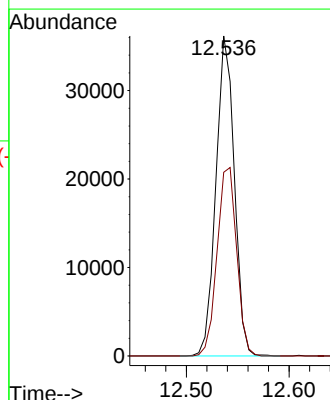
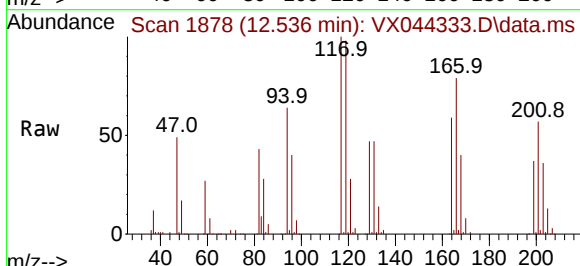
Acq: 16 Dec 2024 18:49

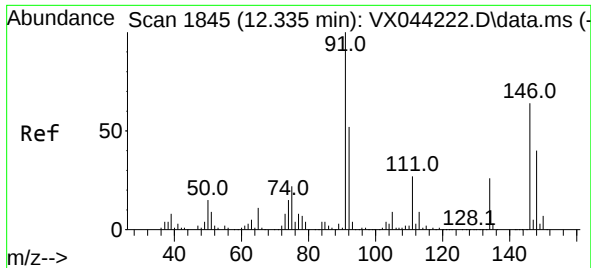
Tgt Ion: 117 Resp: 44879

Ion Ratio Lower Upper

117 100

201 62.8 31.4 94.2

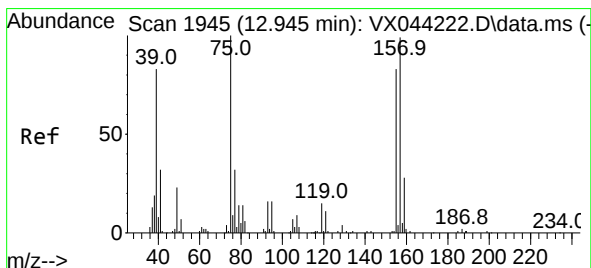
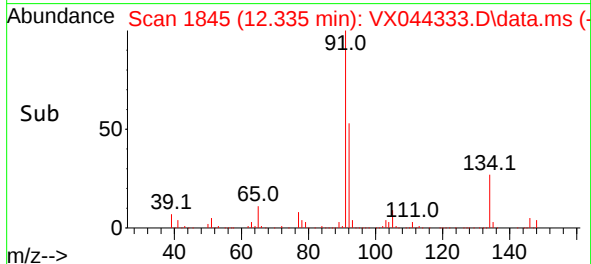
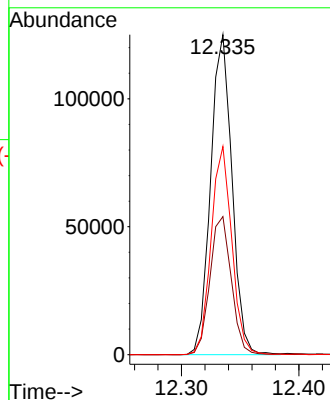
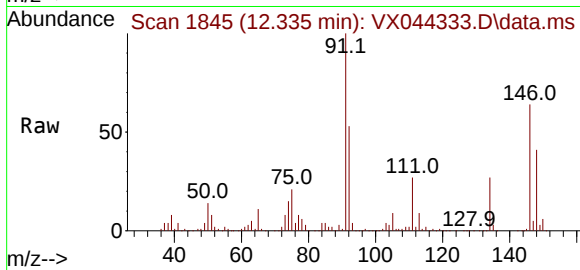




#91
 1,2-Dichlorobenzene
 Concen: 50.525 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

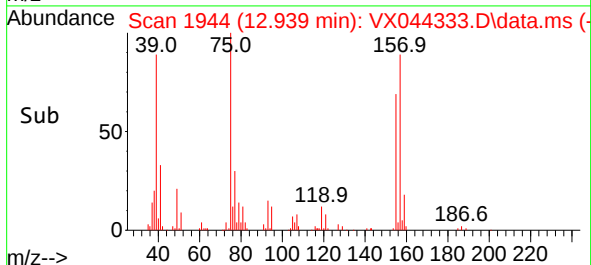
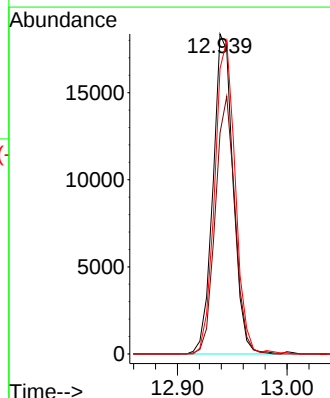
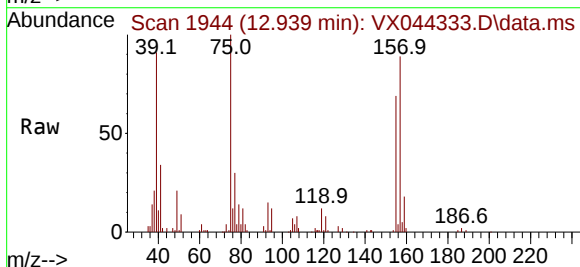
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

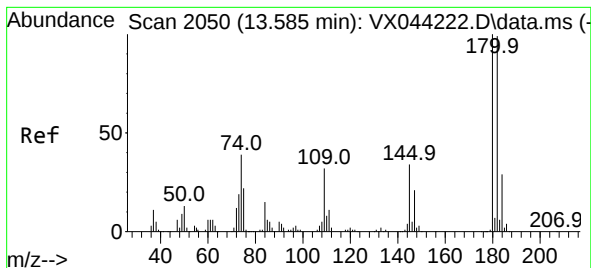
Tgt Ion:146 Resp: 157520
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.983 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX044333.D
 Acq: 16 Dec 2024 18:49

Tgt Ion: 75 Resp: 23411
 Ion Ratio Lower Upper
 75 100
 155 79.2 38.1 114.3
 157 100.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 52.245 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

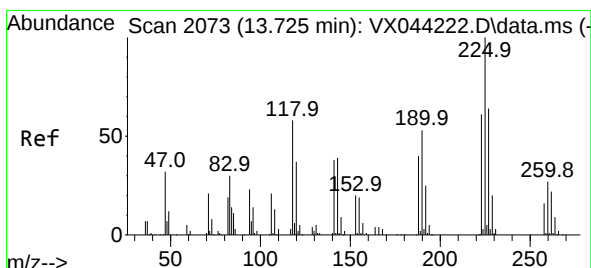
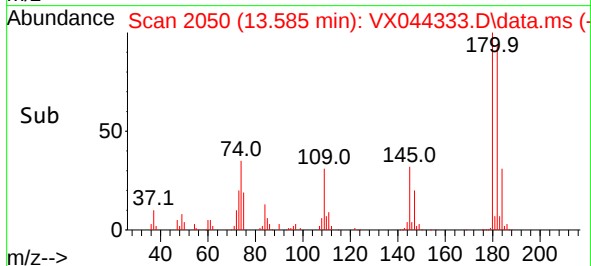
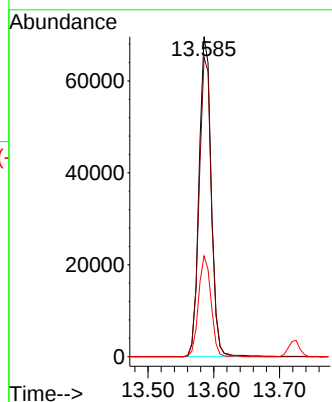
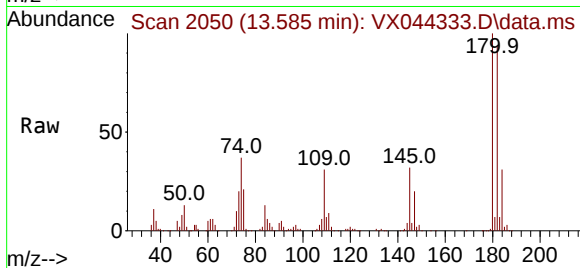
Tgt Ion:180 Resp: 89298

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.2

145 32.1 16.6 49.7



#94

Hexachlorobutadiene

Concen: 50.755 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

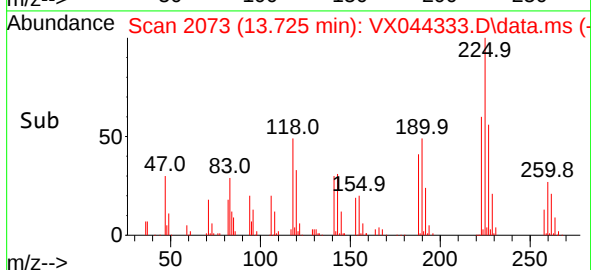
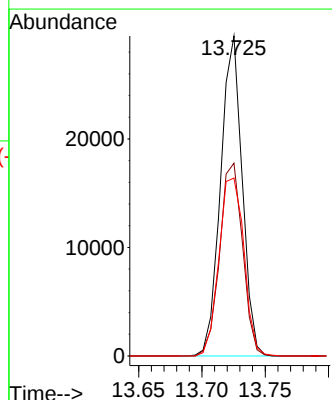
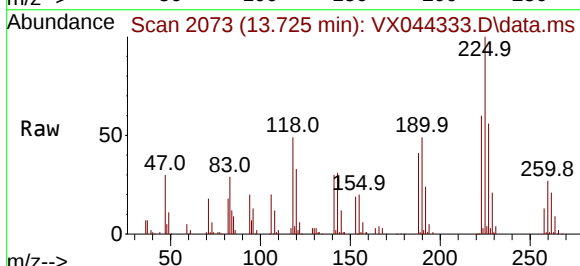
Tgt Ion:225 Resp: 34895

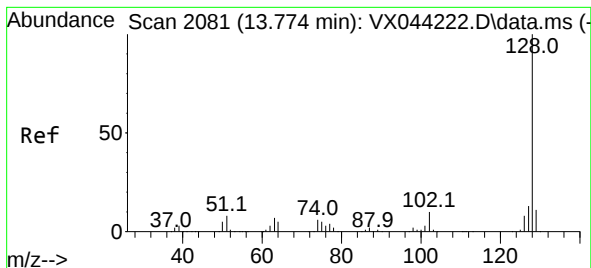
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.4

227 64.4 32.1 96.3





#95

Naphthalene

Concen: 49.113 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

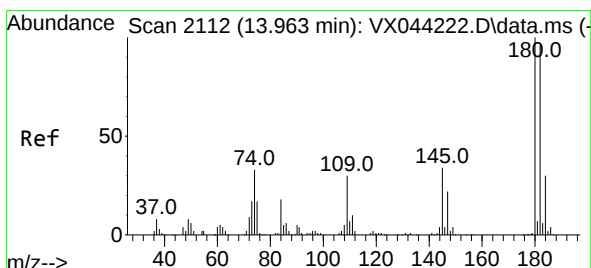
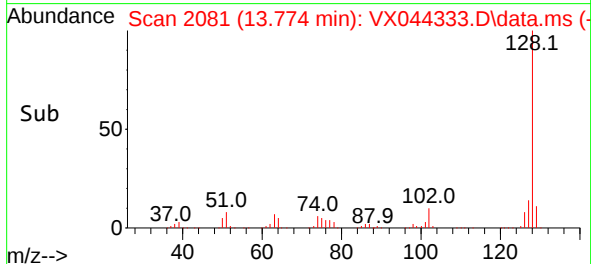
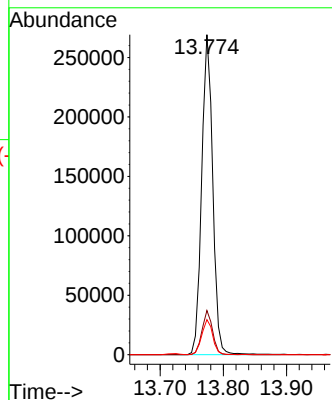
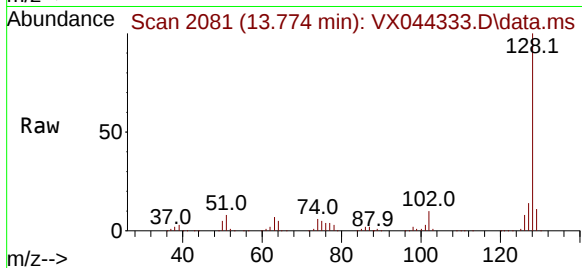
Tgt Ion:128 Resp: 327672

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.549 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044333.D

Acq: 16 Dec 2024 18:49

Tgt Ion:180 Resp: 93453

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

145 34.3 17.7 53.1

