

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044395.D
 Acq On : 18 Dec 2024 19:52
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 19 00:53:32 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	5.544	168	128806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102044	45.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	5.379	113	78617	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	258060	47.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	87444	46.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	101127	50.775	ug/l	97
3) Chloromethane	1.295	50	103746	54.472	ug/l	98
4) Vinyl Chloride	1.374	62	103445	52.134	ug/l	98
5) Bromomethane	1.593	94	67793	48.160	ug/l	98
6) Chloroethane	1.660	64	71772	58.090	ug/l	99
7) Trichlorofluoromethane	1.868	101	159151	40.971	ug/l	99
8) Diethyl Ether	2.136	74	61981	46.745	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	74293	47.265	ug/l	97
10) Methyl Iodide	2.441	142	110675	53.424	ug/l	98
11) Tert butyl alcohol	2.995	59	61810	194.195	ug/l	98
12) 1,1-Dichloroethene	2.307	96	74624	51.687	ug/l	97
13) Acrolein	2.233	56	131600	285.631	ug/l	99
14) Allyl chloride	2.654	41	122245	50.834	ug/l	99
15) Acrylonitrile	3.069	53	227490	258.021	ug/l	99
16) Acetone	2.386	43	197278	214.267	ug/l	95
17) Carbon Disulfide	2.502	76	136022	49.563	ug/l	99
18) Methyl Acetate	2.709	43	117496	49.494	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	278770	49.479	ug/l	98
20) Methylene Chloride	2.782	84	89530	51.772	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	77722	50.653	ug/l	97
22) Diisopropyl ether	3.764	45	268559	49.594	ug/l	97
23) Vinyl Acetate	3.721	43	1185904	269.370	ug/l	99
24) 1,1-Dichloroethane	3.605	63	154722	51.258	ug/l	98
25) 2-Butanone	4.562	43	319886	244.389	ug/l	99
26) 2,2-Dichloropropane	4.465	77	103750	42.309	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	98262	50.424	ug/l	95
28) Bromochloromethane	4.898	49	72263	48.821	ug/l	98
29) Tetrahydrofuran	5.007	42	206531	245.825	ug/l	99
30) Chloroform	5.087	83	165359	48.758	ug/l	98
31) Cyclohexane	5.458	56	112724	46.246	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	136491	48.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	98106	47.323	ug/l	98
37) Ethyl Acetate	4.715	43	129759	50.635	ug/l	100
38) Carbon Tetrachloride	5.672	117	107841	48.318	ug/l	99
39) Methylcyclohexane	7.373	83	122156	49.289	ug/l	97
40) Benzene	6.032	78	323543	51.403	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	67557	49.647	ug/l	98
42) 1,2-Dichloroethane	6.086	62	128355	49.504	ug/l	96
43) Isopropyl Acetate	6.342	43	203040	50.693	ug/l	99
44) Trichloroethene	7.123	130	80410	51.229	ug/l	96
45) 1,2-Dichloropropane	7.428	63	80917	50.319	ug/l	99
46) Dibromomethane	7.580	93	64847	51.979	ug/l	95
47) Bromodichloromethane	7.818	83	114945	53.349	ug/l	99
48) Methyl methacrylate	7.696	41	95430	49.082	ug/l	97
49) 1,4-Dioxane	7.665	88	27544	854.459	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	646548	251.054	ug/l	98
52) Toluene	8.714	92	192849	48.790	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108831	47.246	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	121772	51.907	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	83289	53.041	ug/l	96
56) Ethyl methacrylate	9.116	69	128375	51.786	ug/l	97
57) 1,3-Dichloropropane	9.305	76	139034	50.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	316405	253.061	ug/l	100
59) 2-Hexanone	9.433	43	474334	254.459	ug/l	99
60) Dibromochloromethane	9.519	129	80110	48.292	ug/l	97
61) 1,2-Dibromoethane	9.610	107	83651	52.335	ug/l	98
64) Tetrachloroethene	9.269	164	65080	49.442	ug/l	99
65) Chlorobenzene	10.080	112	212528	50.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72780	53.289	ug/l	98
67) Ethyl Benzene	10.189	91	358882	48.877	ug/l	97
68) m/p-Xylenes	10.299	106	272625	101.186	ug/l	96
69) o-Xylene	10.640	106	137600	50.475	ug/l	94
70) Styrene	10.653	104	227233	51.996	ug/l	96
71) Bromoform	10.799	173	47848	50.123	ug/l #	99
73) Isopropylbenzene	10.964	105	341494	48.386	ug/l	100
74) N-amyl acetate	10.842	43	167806	51.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125333	51.128	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	128225	62.293	ug/l	86
77) Bromobenzene	11.195	156	86623	50.614	ug/l	97
78) n-propylbenzene	11.305	91	382775	49.070	ug/l	98
79) 2-Chlorotoluene	11.366	91	238254	47.227	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283243	48.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31620	44.685	ug/l	98
82) 4-Chlorotoluene	11.451	91	264905	47.419	ug/l	98
83) tert-Butylbenzene	11.713	119	282938	48.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	287742	50.060	ug/l	99
85) sec-Butylbenzene	11.890	105	339068	48.287	ug/l	98
86) p-Isopropyltoluene	12.006	119	284281	48.641	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148170	49.564	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	148965	48.473	ug/l	98
89) n-Butylbenzene	12.329	91	239841	48.803	ug/l	99
90) Hexachloroethane	12.536	117	42721	50.075	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	154736	49.849	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23089	48.520	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	85945	50.503	ug/l	99
94) Hexachlorobutadiene	13.725	225	34008	49.682	ug/l	98
95) Naphthalene	13.774	128	324880	48.907	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90839	50.326	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

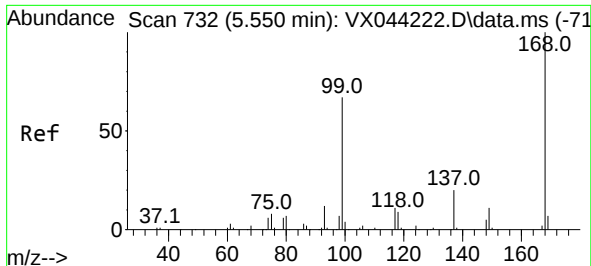
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range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

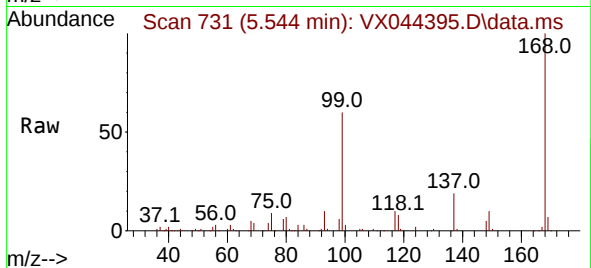
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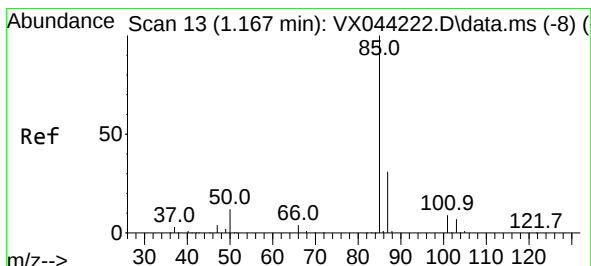
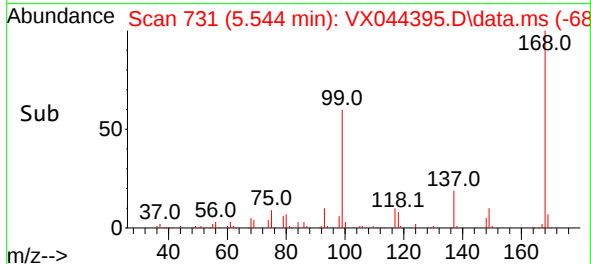
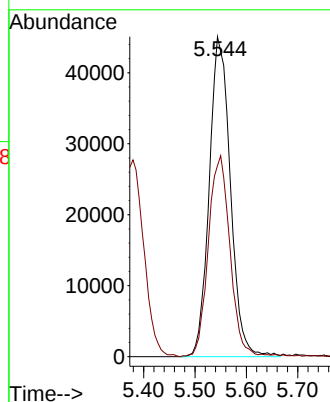


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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VSTDCCC050EC

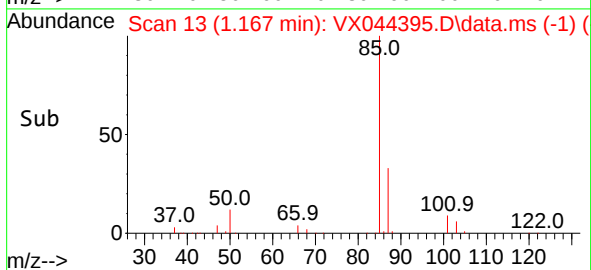
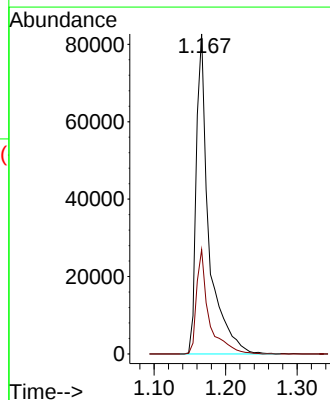
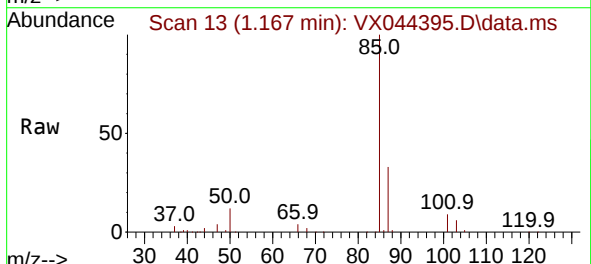


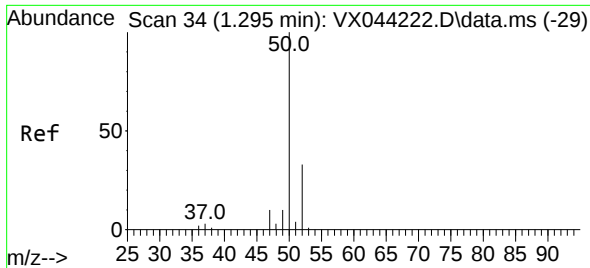
Tgt Ion:168 Resp: 128806
Ion Ratio Lower Upper
168 100
99 59.7 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 50.775 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 85 Resp: 101127
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4

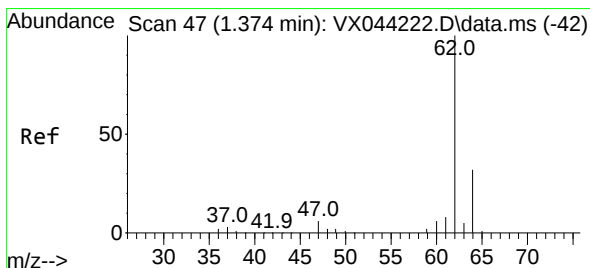
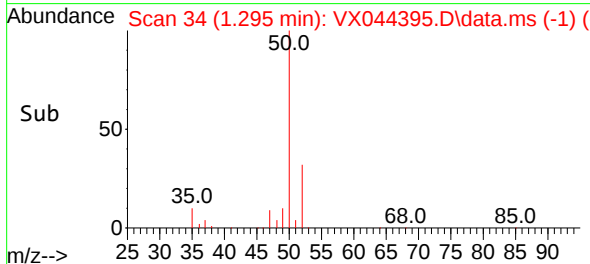
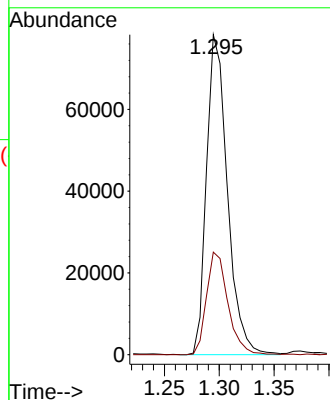
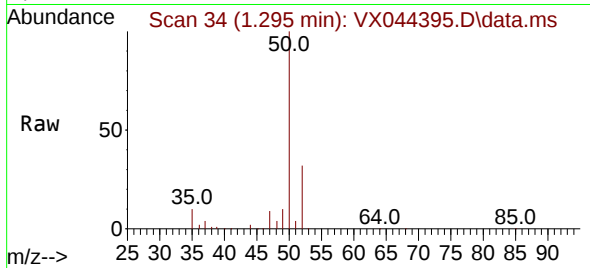




#3
Chloromethane
Concen: 54.472 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

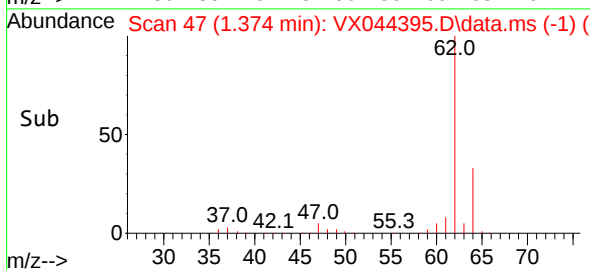
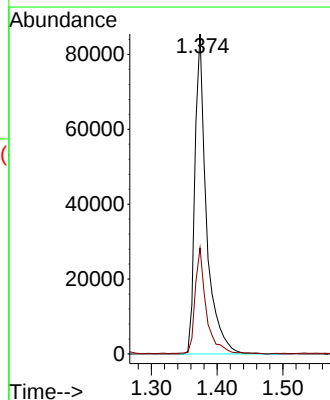
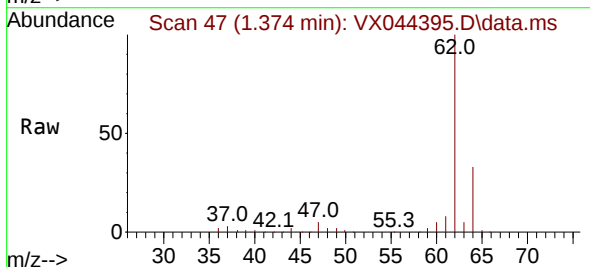
Instrument :
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ClientSampleId :
VSTDCCC050EC

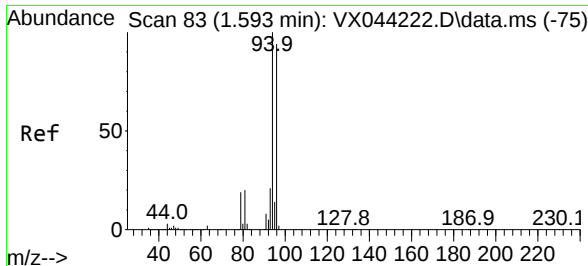
Tgt Ion: 50 Resp: 103746
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7



#4
Vinyl Chloride
Concen: 52.134 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 62 Resp: 103445
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

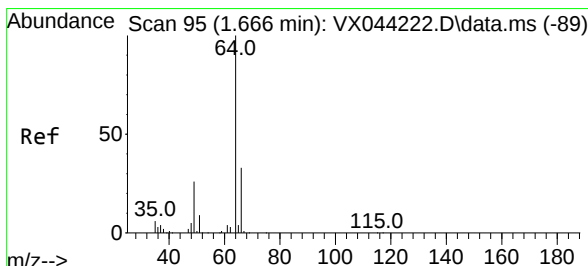
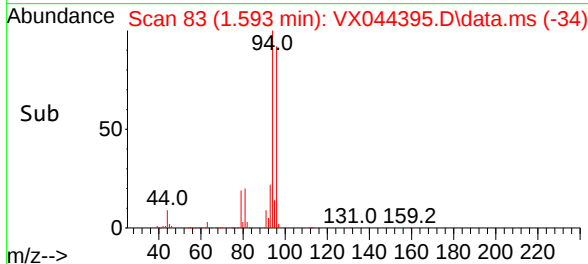
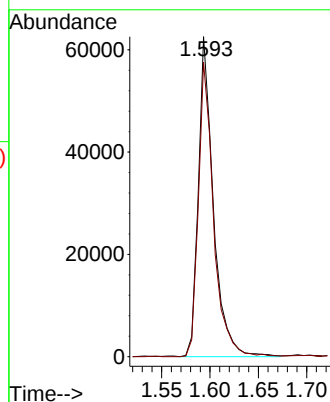
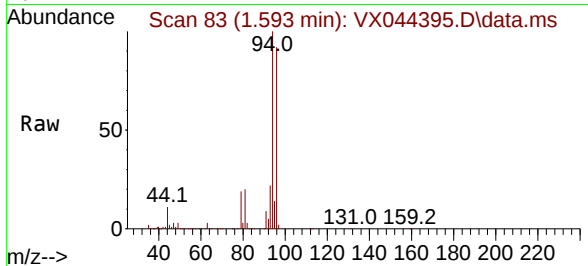




#5
Bromomethane
Concen: 48.160 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

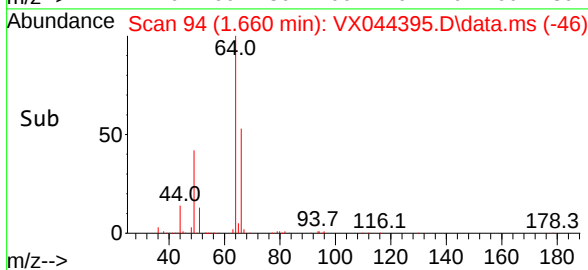
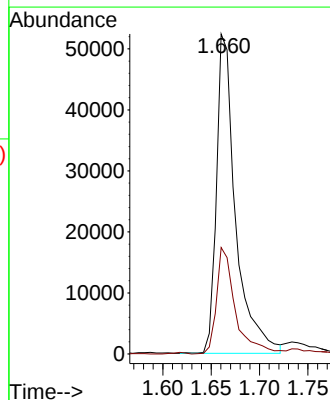
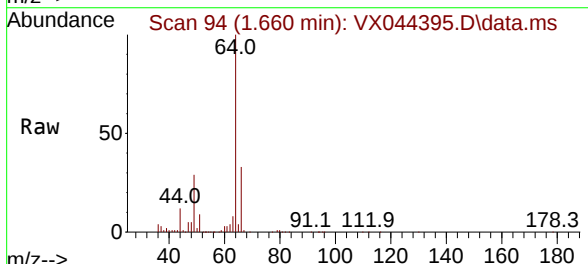
Instrument :
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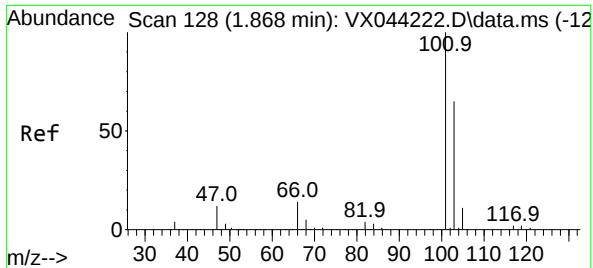
Tgt Ion: 94 Resp: 67793
Ion Ratio Lower Upper
94 100
96 92.0 74.9 112.3



#6
Chloroethane
Concen: 58.090 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 64 Resp: 71772
Ion Ratio Lower Upper
64 100
66 32.8 26.6 39.8

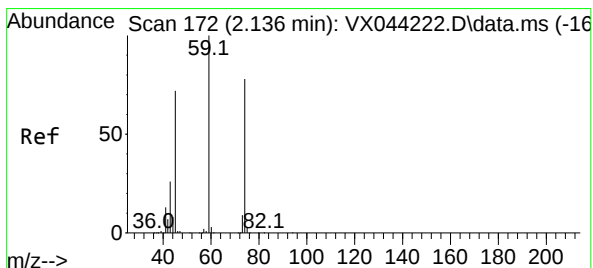
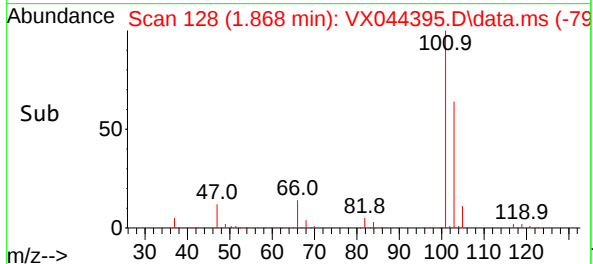
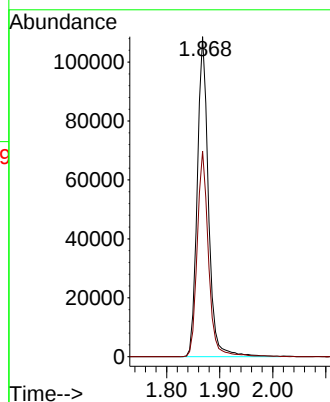
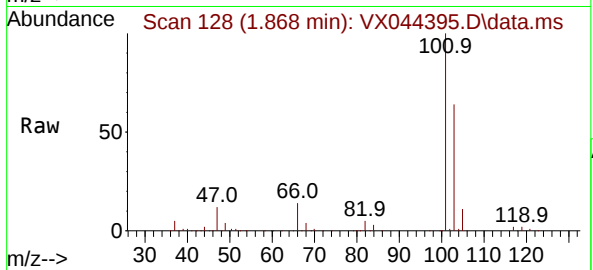




#7
 Trichlorofluoromethane
 Concen: 40.971 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

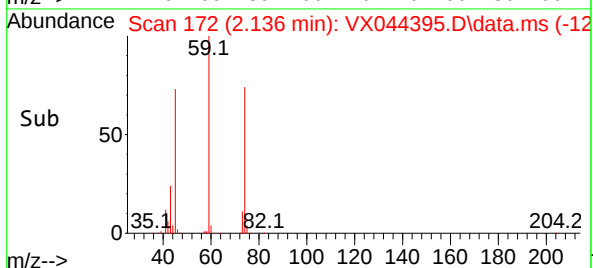
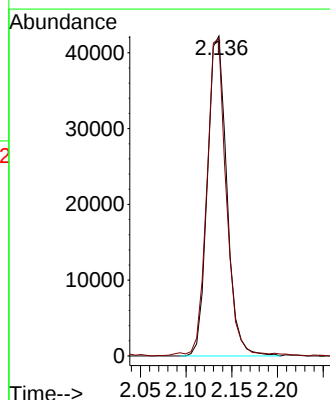
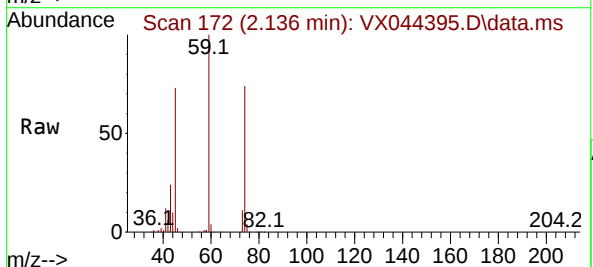
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 159151
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.8



#8
 Diethyl Ether
 Concen: 46.745 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

Tgt Ion: 74 Resp: 61981
 Ion Ratio Lower Upper
 74 100
 45 100.6 48.4 145.0

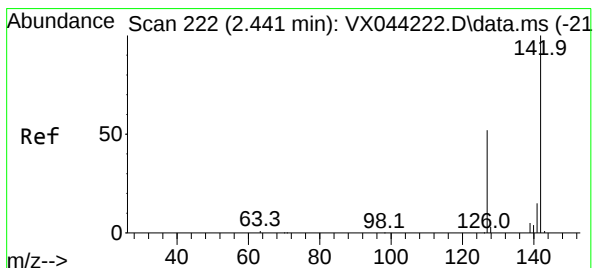
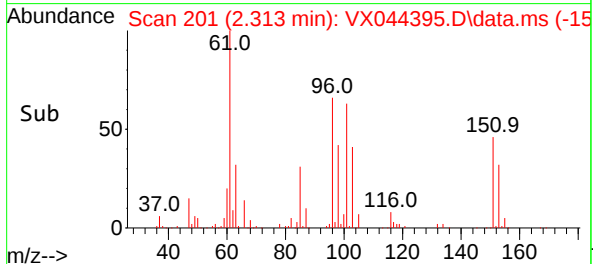
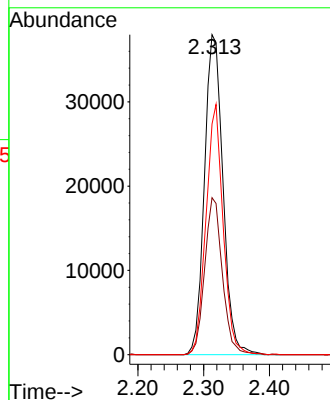
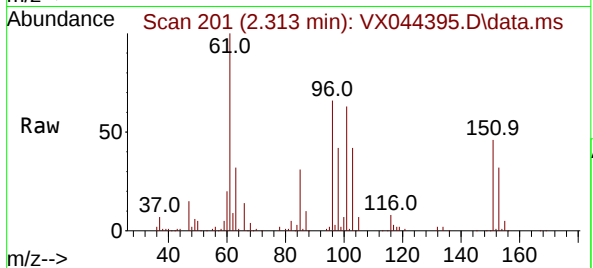




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.265 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044395.D
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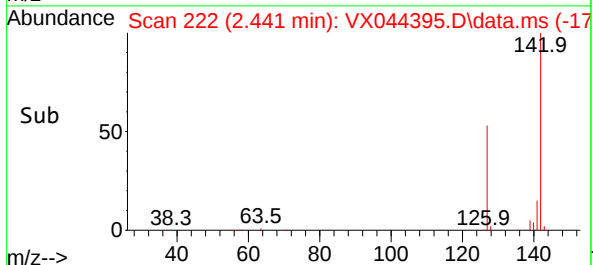
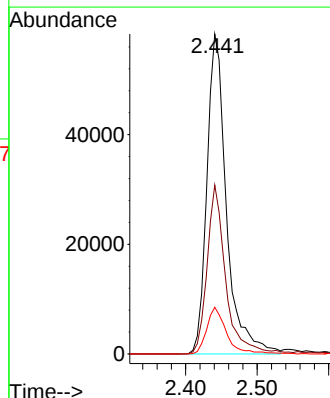
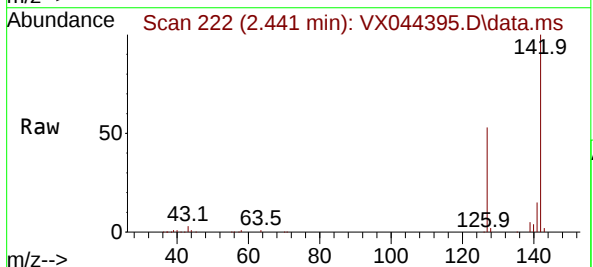
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

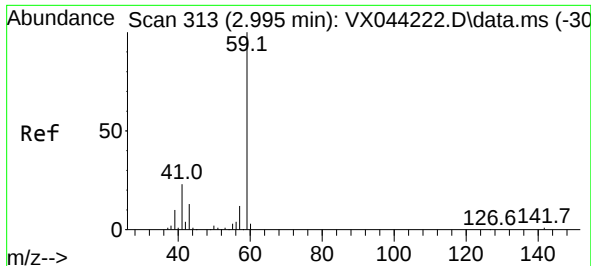
Tgt Ion:101 Resp: 74293
Ion Ratio Lower Upper
101 100
85 47.0 38.5 57.7
151 72.5 55.8 83.6



#10
Methyl Iodide
Concen: 53.424 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:142 Resp: 110675
Ion Ratio Lower Upper
142 100
127 50.4 41.8 62.8
141 14.8 11.5 17.3

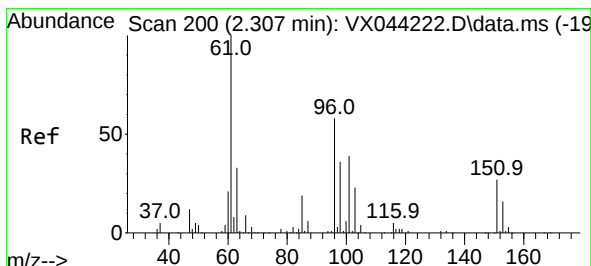
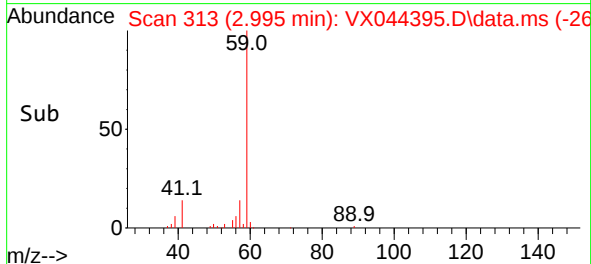
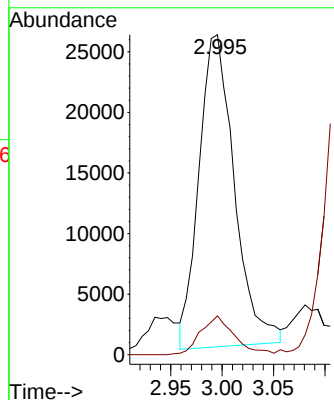
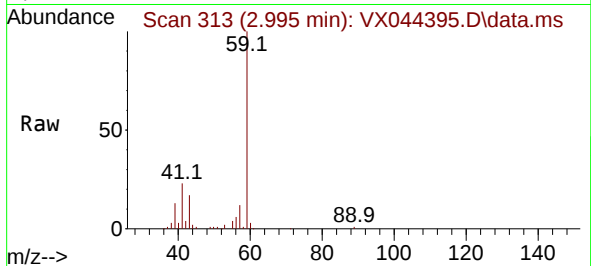




#11
Tert butyl alcohol
Concen: 194.195 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

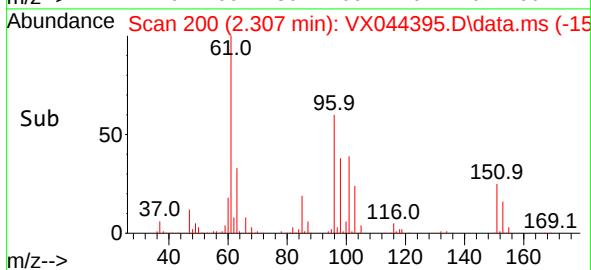
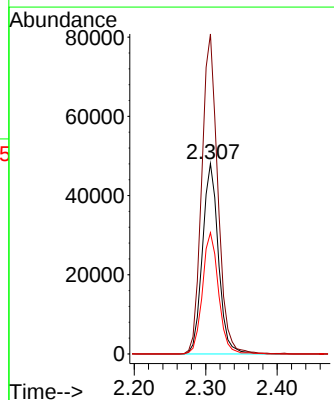
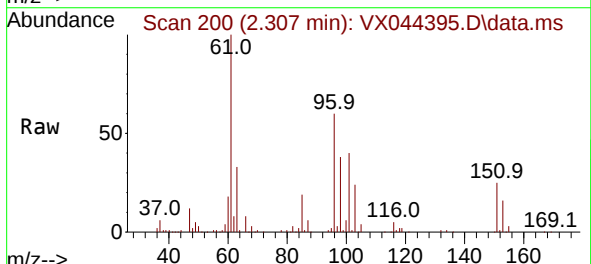
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

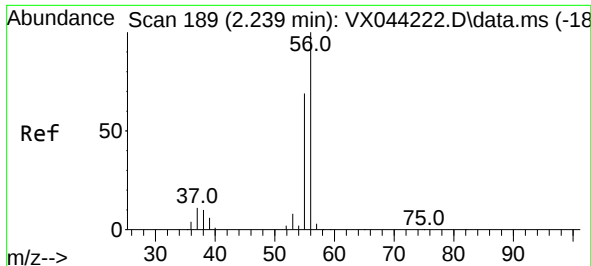
Tgt Ion: 59 Resp: 61810
Ion Ratio Lower Upper
59 100
57 11.8 8.8 13.2



#12
1,1-Dichloroethene
Concen: 51.687 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 96 Resp: 74624
Ion Ratio Lower Upper
96 100
61 168.0 138.0 207.0
98 63.7 50.0 75.0





#13

Acrolein

Concen: 285.631 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

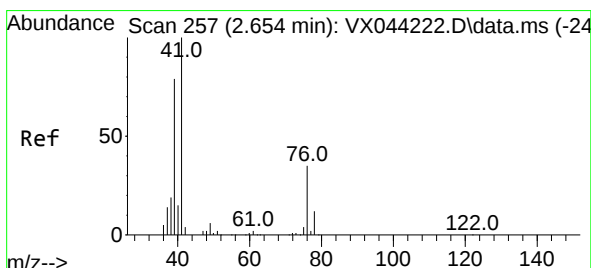
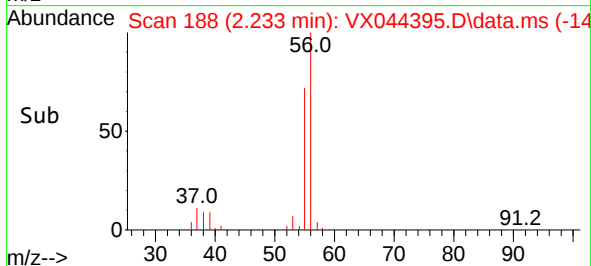
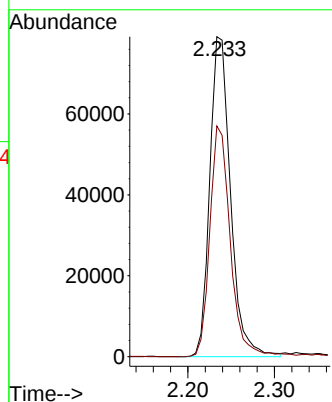
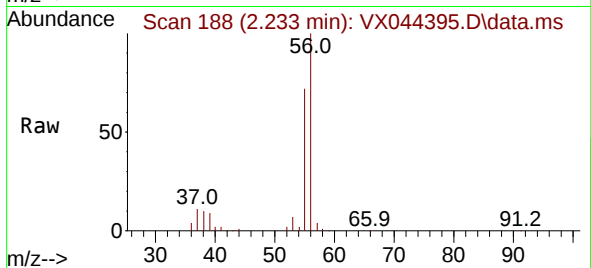
VSTDCCC050EC

Tgt Ion: 56 Resp: 131600

Ion Ratio Lower Upper

56 100

55 71.3 56.6 84.8



#14

Allyl chloride

Concen: 50.834 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

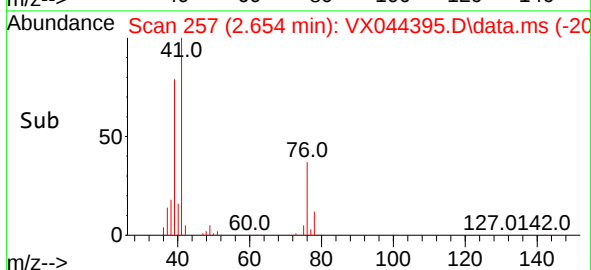
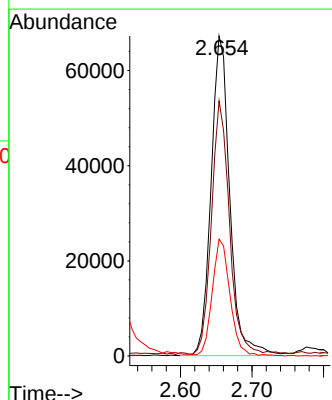
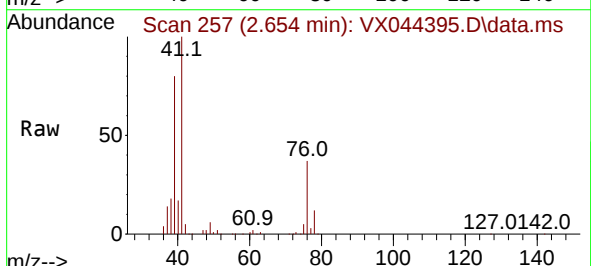
Tgt Ion: 41 Resp: 122245

Ion Ratio Lower Upper

41 100

39 76.1 61.9 92.9

76 34.9 27.4 41.2

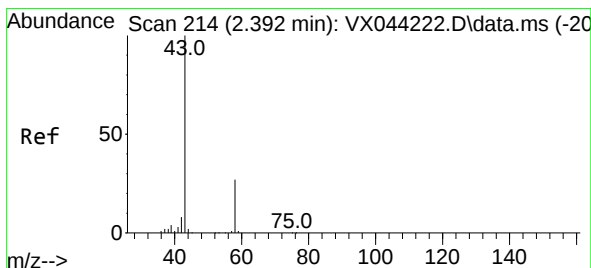
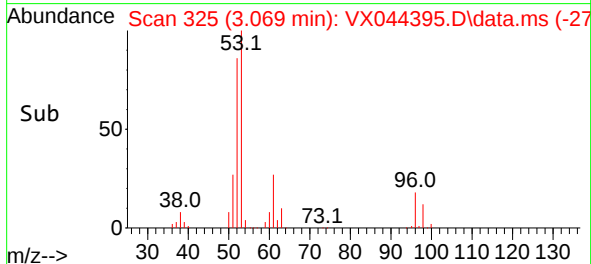
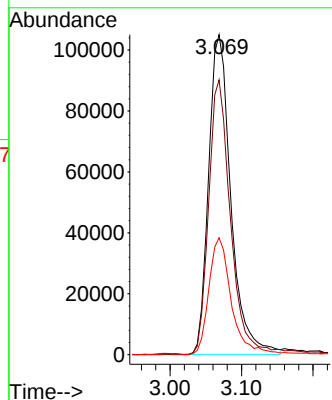
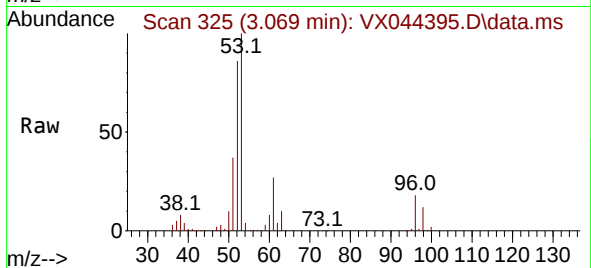




#15
Acrylonitrile
Concen: 258.021 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

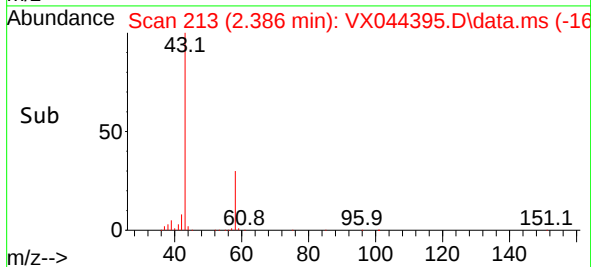
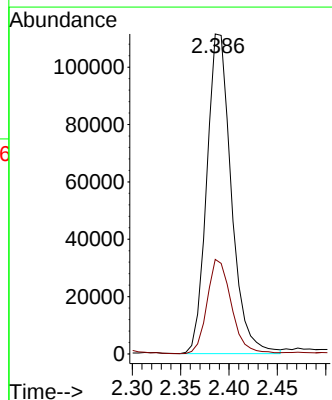
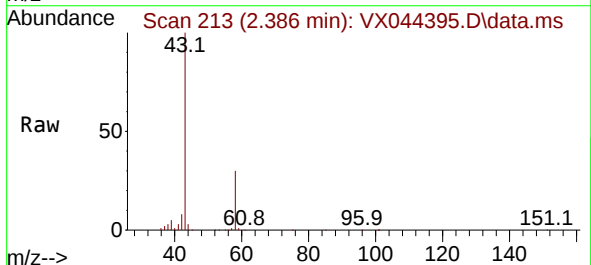
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

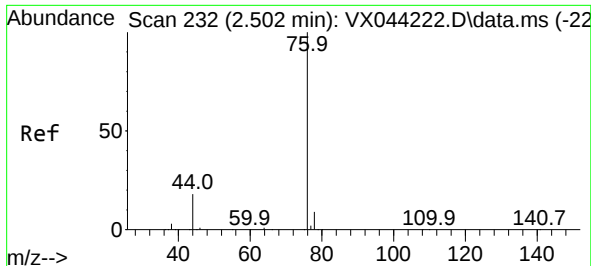
Tgt Ion: 53 Resp: 227490
Ion Ratio Lower Upper
53 100
52 86.0 67.4 101.0
51 37.7 30.3 45.5



#16
Acetone
Concen: 214.267 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 197278
Ion Ratio Lower Upper
43 100
58 29.5 21.6 32.4

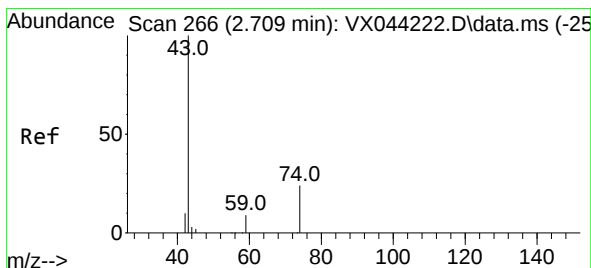
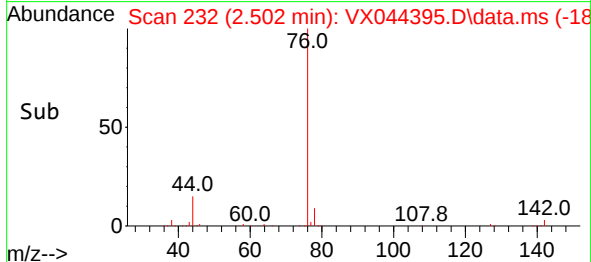
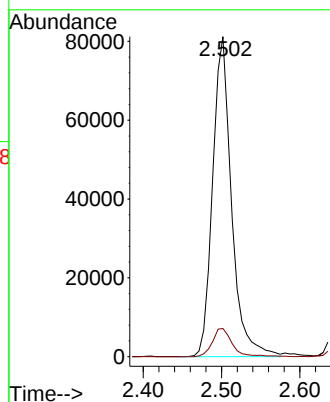
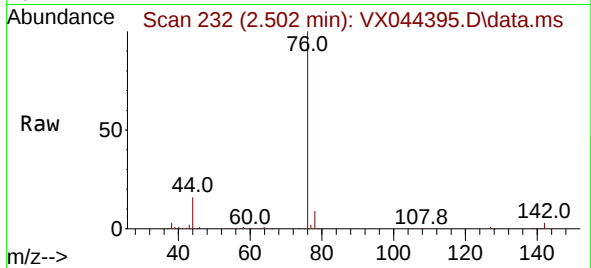




#17
Carbon Disulfide
Concen: 49.563 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

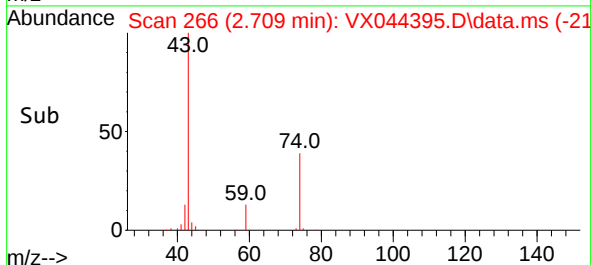
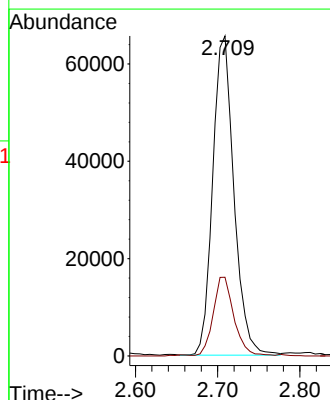
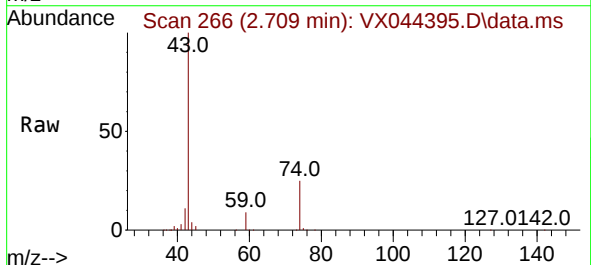
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

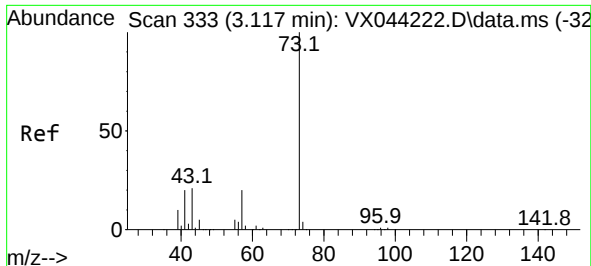
Tgt Ion: 76 Resp: 136022
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 49.494 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 117496
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5

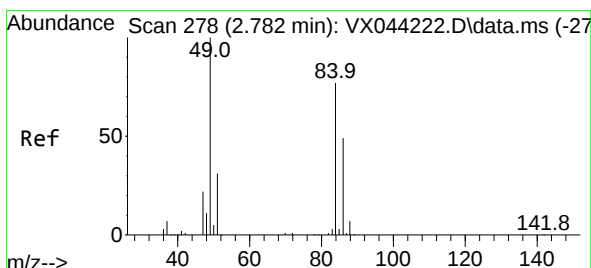
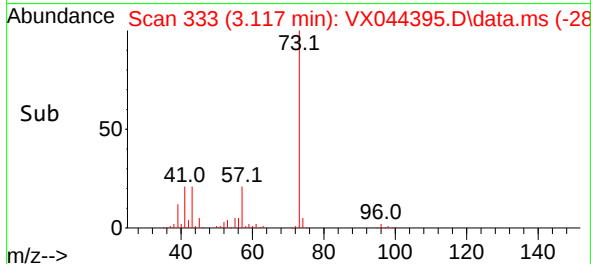
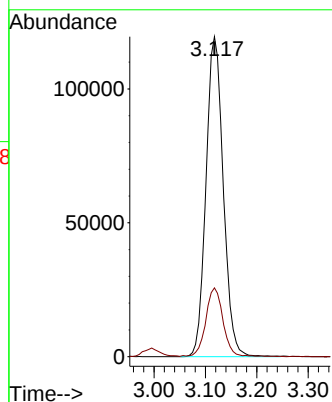
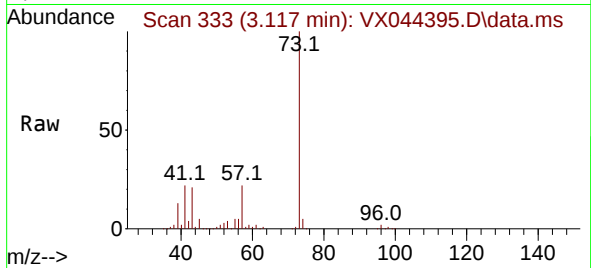




#19
Methyl tert-butyl Ether
Concen: 49.479 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

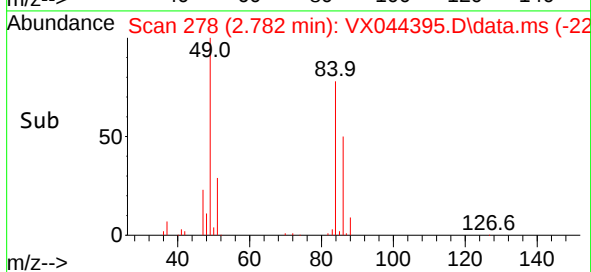
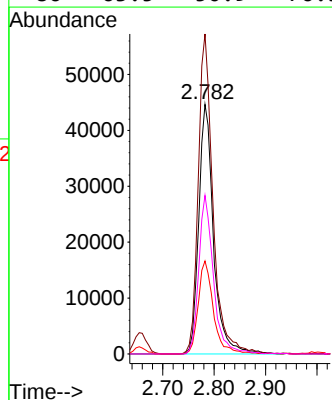
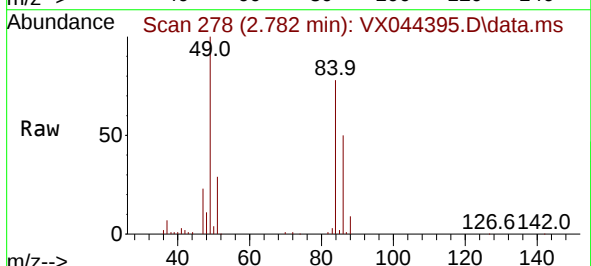
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

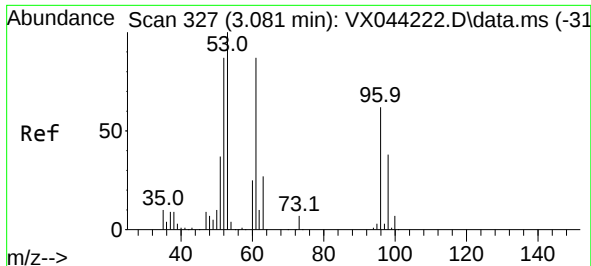
Tgt Ion: 73 Resp: 278770
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4



#20
Methylene Chloride
Concen: 51.772 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 84 Resp: 89530
Ion Ratio Lower Upper
84 100
49 128.2 104.2 156.4
51 37.2 32.2 48.4
86 63.5 50.9 76.3

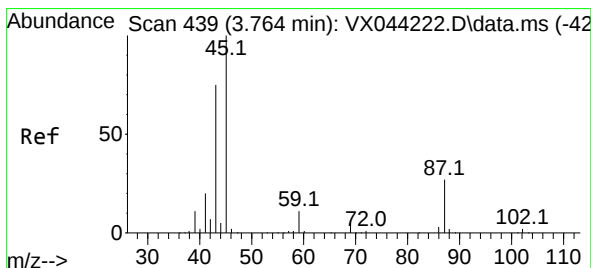
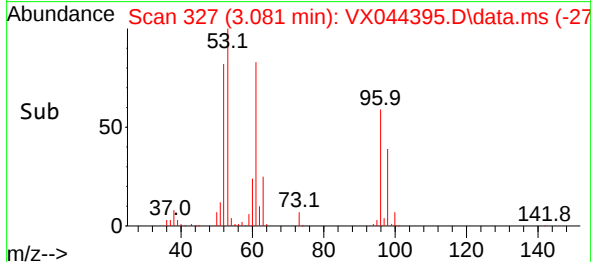
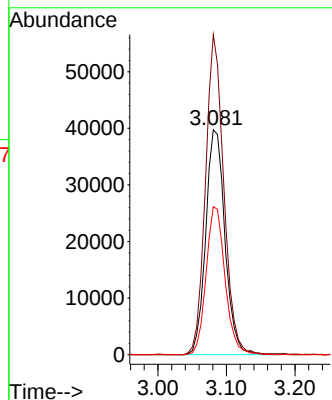
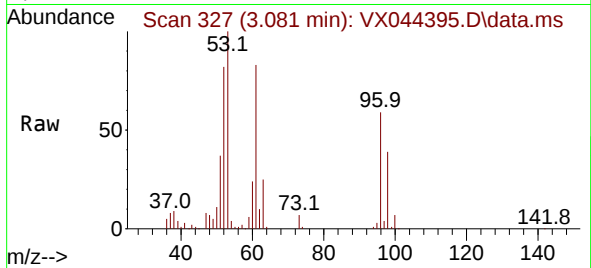




#21
trans-1,2-Dichloroethene
Concen: 50.653 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

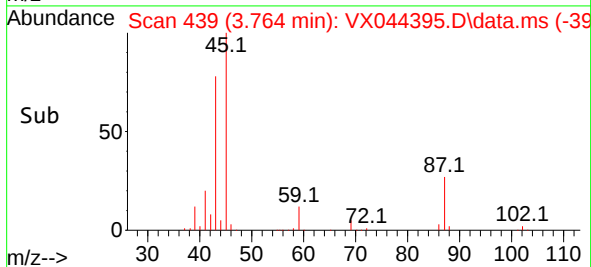
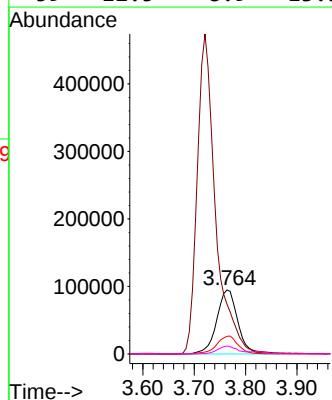
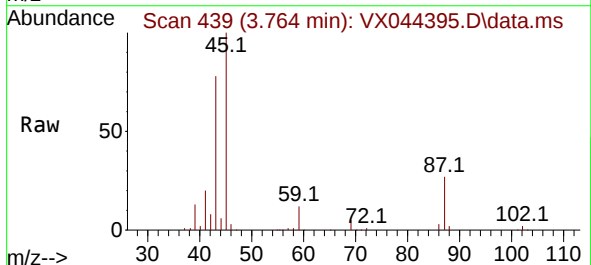
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

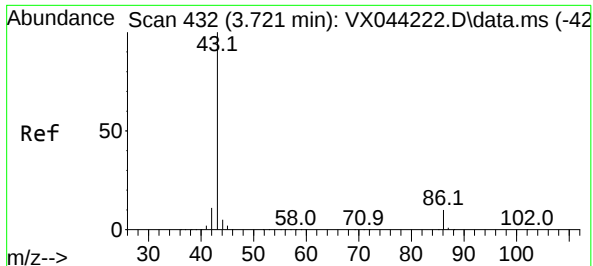
Tgt Ion: 96 Resp: 77722
Ion Ratio Lower Upper
96 100
61 142.2 112.0 168.0
98 65.8 48.8 73.2



#22
Diisopropyl ether
Concen: 49.594 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 45 Resp: 268559
Ion Ratio Lower Upper
45 100
43 77.8 60.2 90.2
87 27.4 21.2 31.8
59 12.5 8.9 13.3





#23

Vinyl Acetate

Concen: 269.370 ug/l

RT: 3.721 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

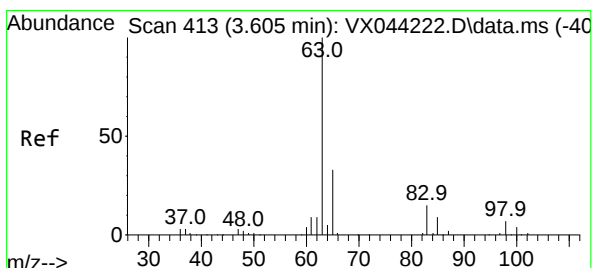
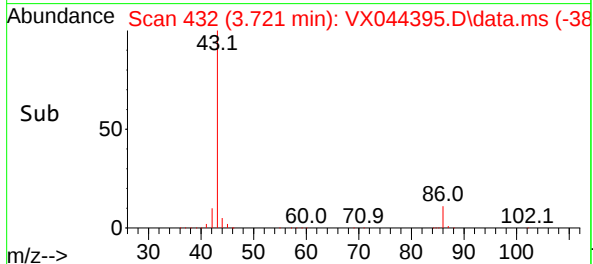
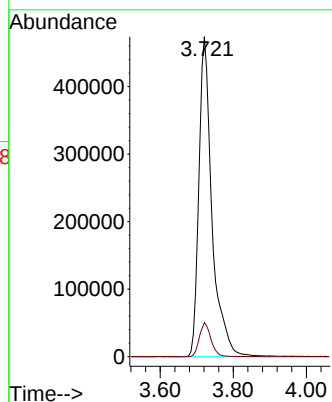
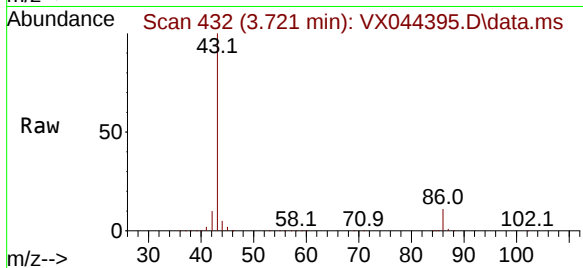
VSTDCCC050EC

Tgt Ion: 43 Resp: 1185904

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.2



#24

1,1-Dichloroethane

Concen: 51.258 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

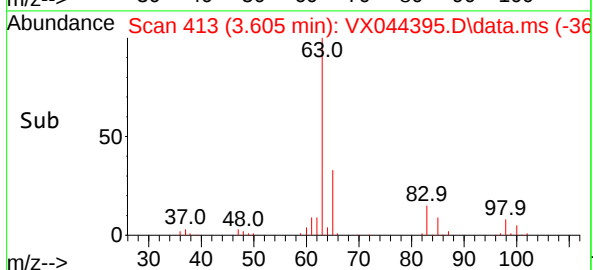
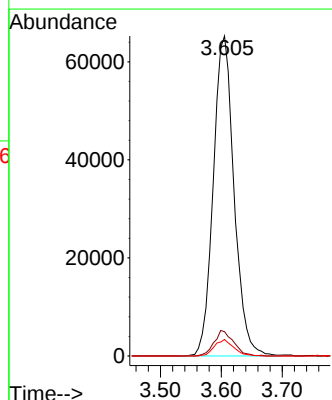
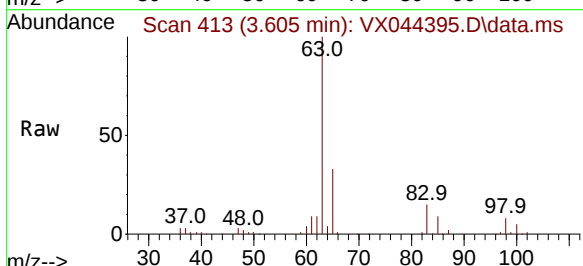
Tgt Ion: 63 Resp: 154722

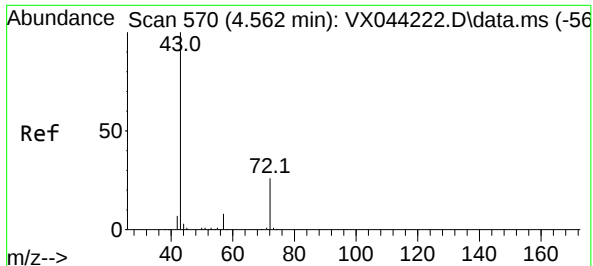
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.2 2.1 6.3

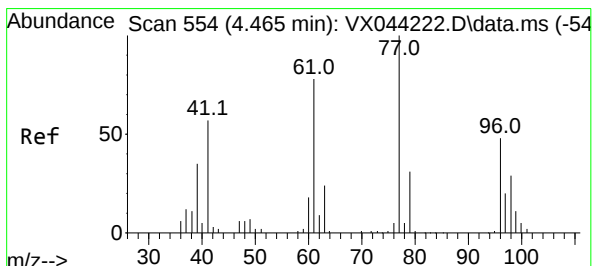
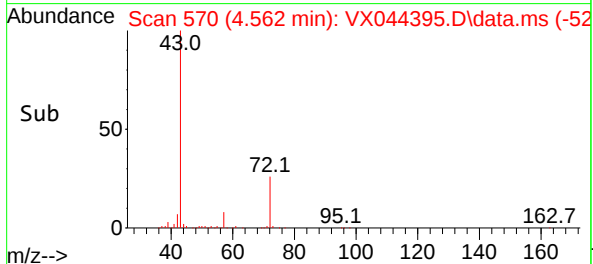
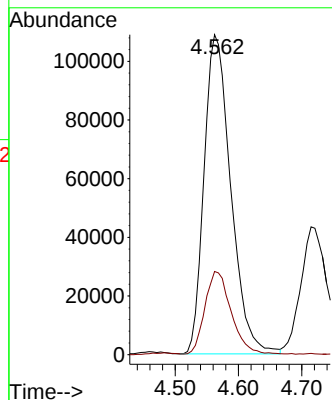
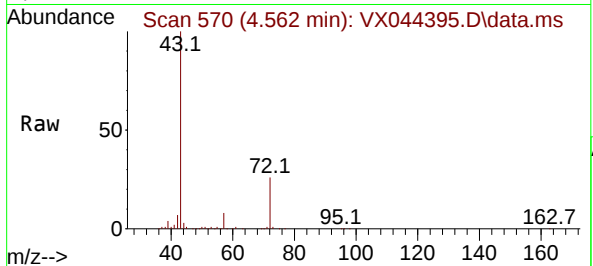




#25
2-Butanone
Concen: 244.389 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

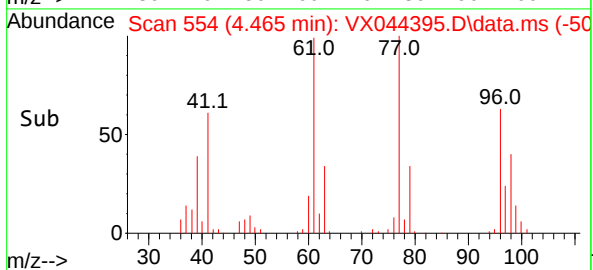
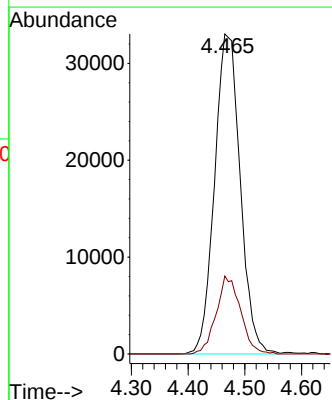
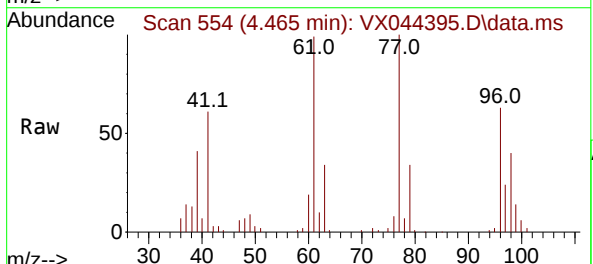
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 319886
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 42.309 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 77 Resp: 103750
Ion Ratio Lower Upper
77 100
97 23.1 10.7 32.1

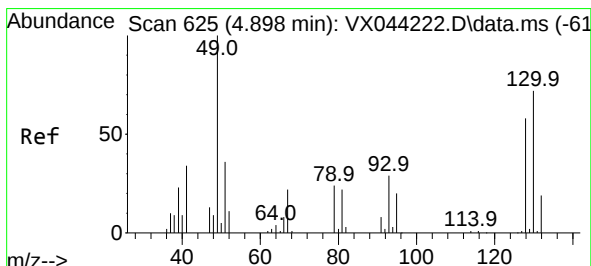
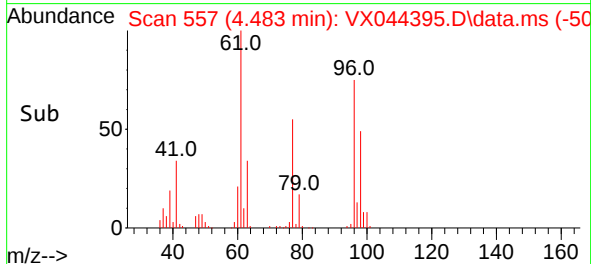
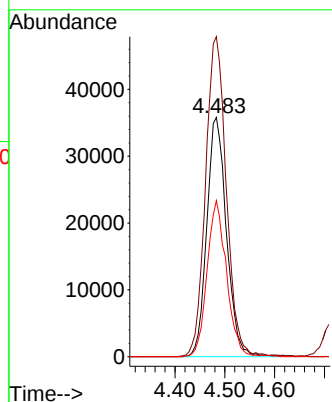
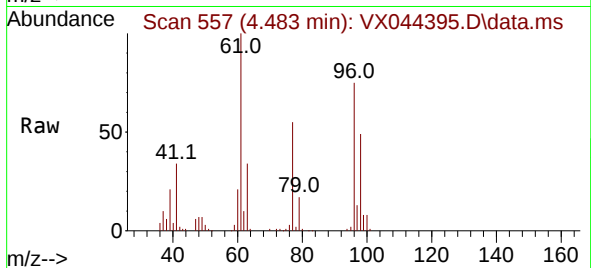




#27
cis-1,2-Dichloroethene
Concen: 50.424 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

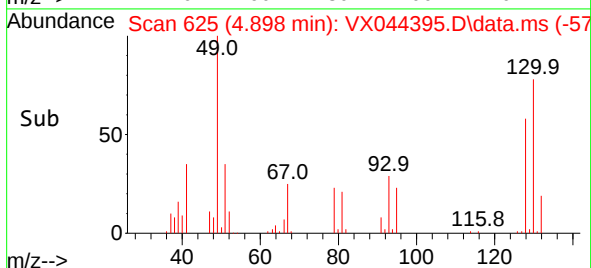
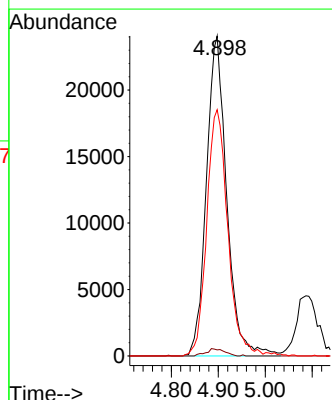
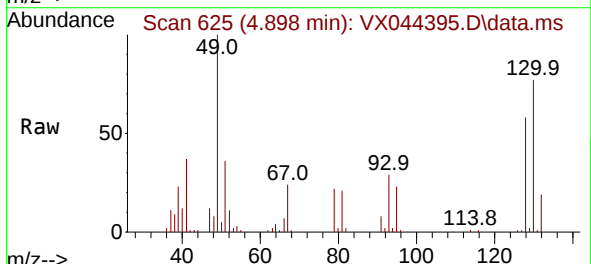
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

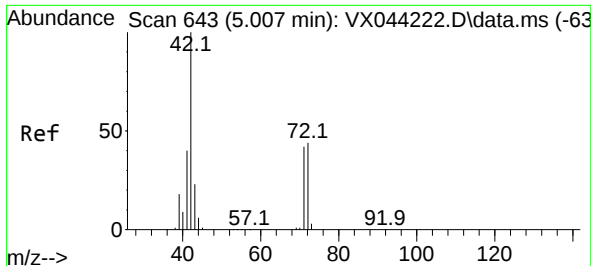
Tgt Ion:	96	Resp:	98262
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	299.0
98	64.1	0.0	129.0



#28
Bromochloromethane
Concen: 48.821 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:	49	Resp:	72263
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	79.5	62.1	93.1





#29

Tetrahydrofuran

Concen: 245.825 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

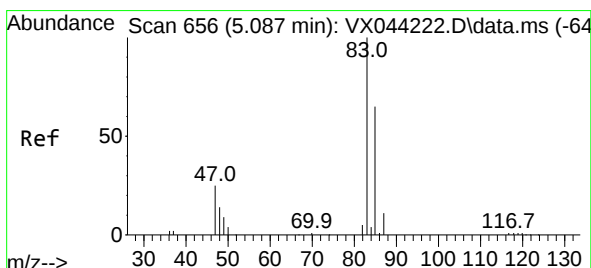
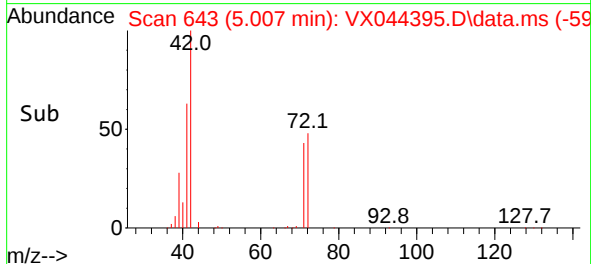
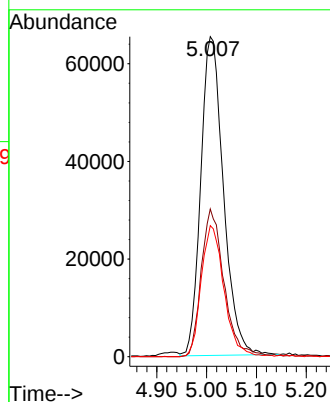
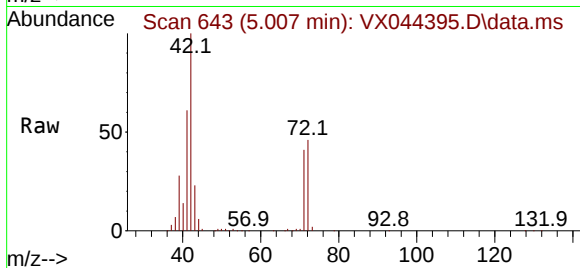
Tgt Ion: 42 Resp: 206531

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 41.1 33.6 50.4



#30

Chloroform

Concen: 48.758 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044395.D

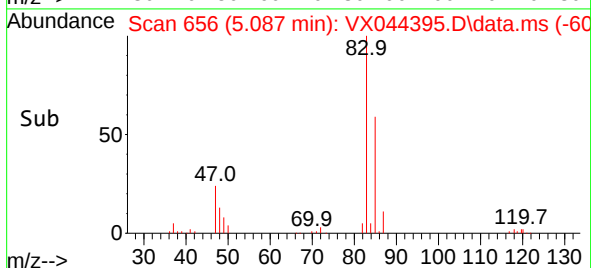
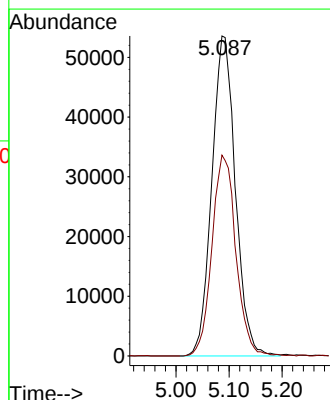
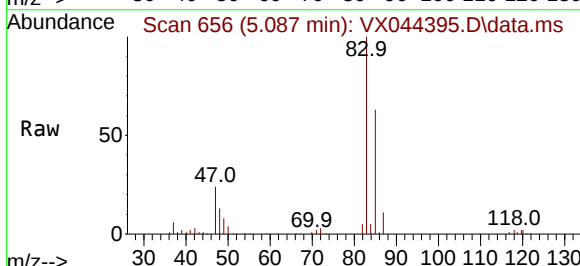
Acq: 18 Dec 2024 19:52

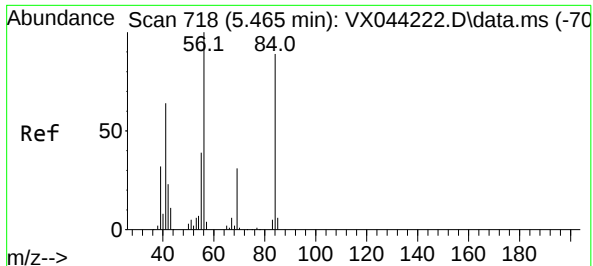
Tgt Ion: 83 Resp: 165359

Ion Ratio Lower Upper

83 100

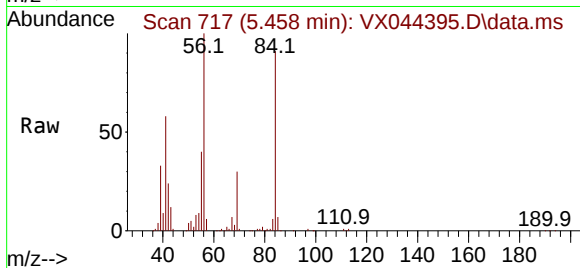
85 62.8 51.6 77.4



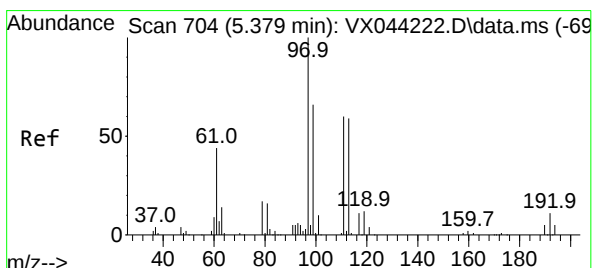
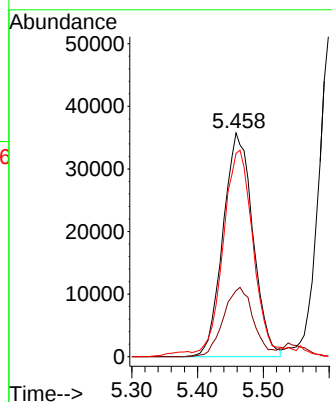
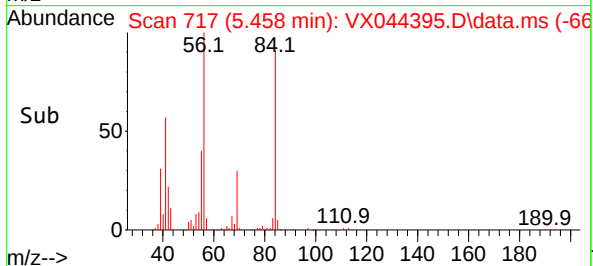


#31
Cyclohexane
Concen: 46.246 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

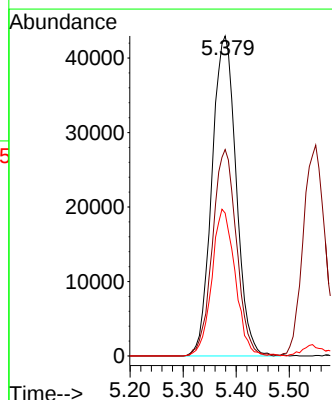
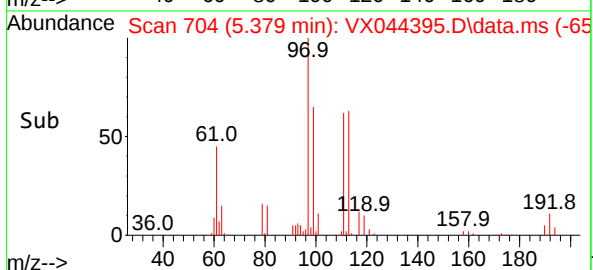
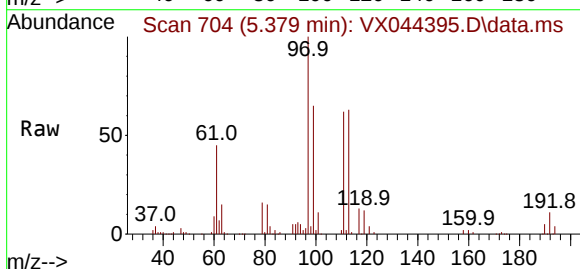


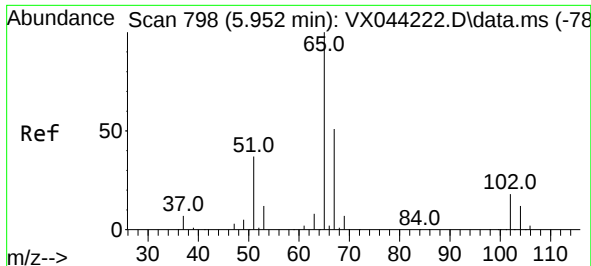
Tgt Ion: 56 Resp: 112724
Ion Ratio Lower Upper
56 100
69 29.5 24.7 37.1
84 88.9 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 48.484 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 97 Resp: 136491
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.184 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

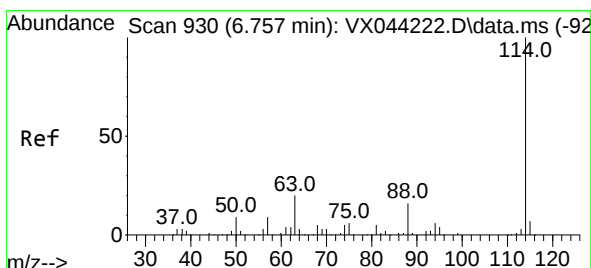
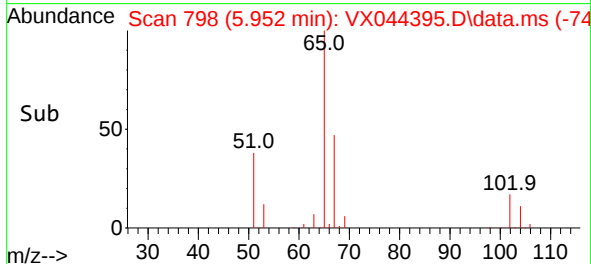
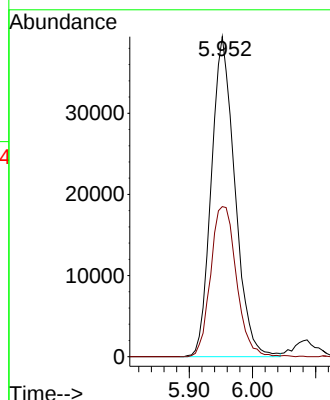
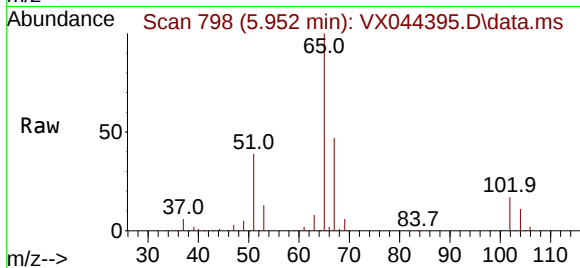
VSTDCCC050EC

Tgt Ion: 65 Resp: 102044

Ion Ratio Lower Upper

65 100

67 51.2 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: VX044395.D

Acq: 18 Dec 2024 19:52

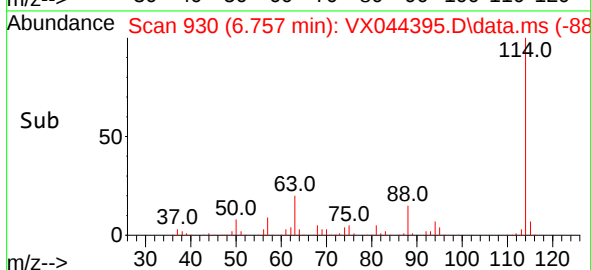
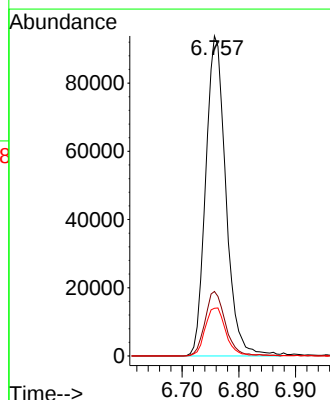
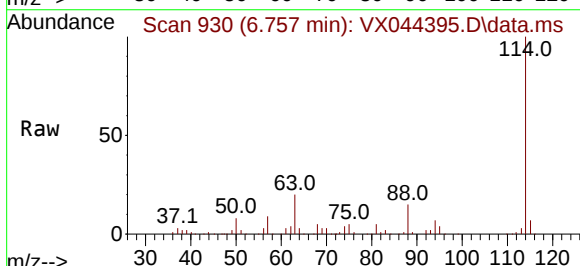
Tgt Ion: 114 Resp: 231562

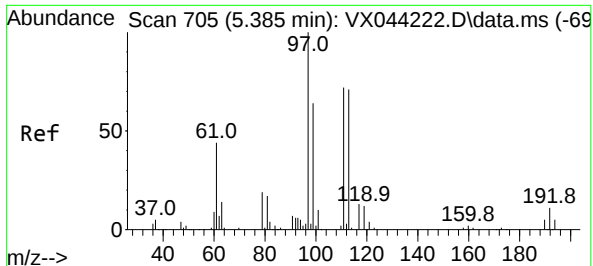
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 14.9 0.0 31.8

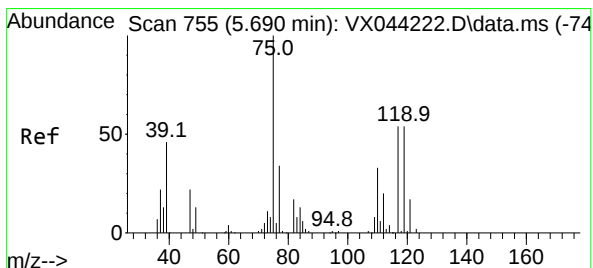
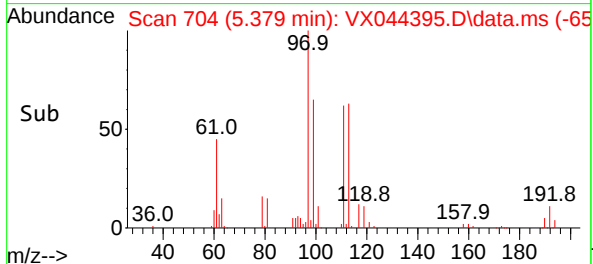
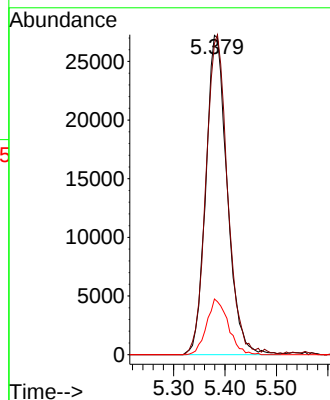
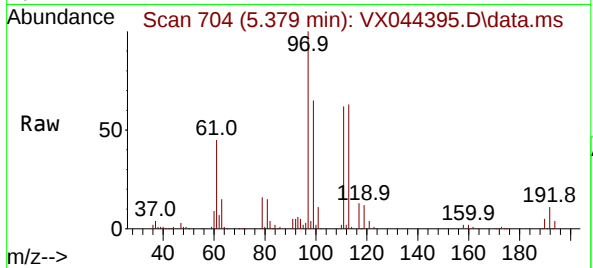




#35
Dibromofluoromethane
Concen: 49.020 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

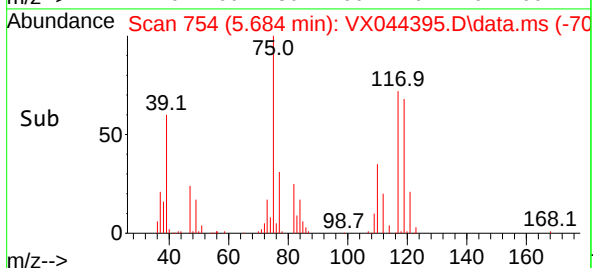
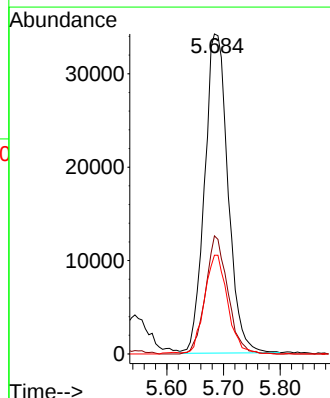
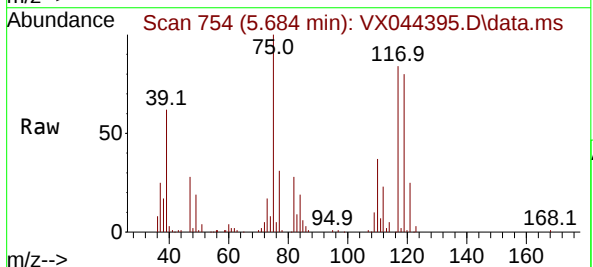
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

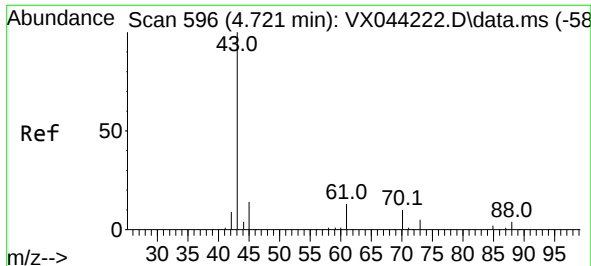
Tgt Ion:113 Resp: 78617
Ion Ratio Lower Upper
113 100
111 101.5 80.4 120.6
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.323 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 75 Resp: 98106
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.7
77 30.7 25.4 38.0

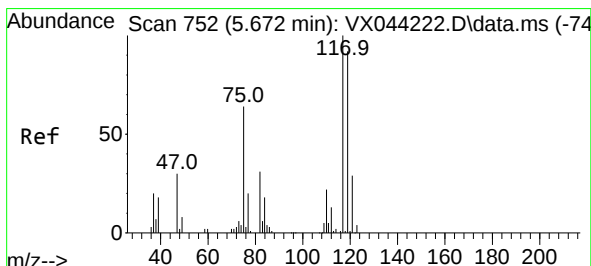
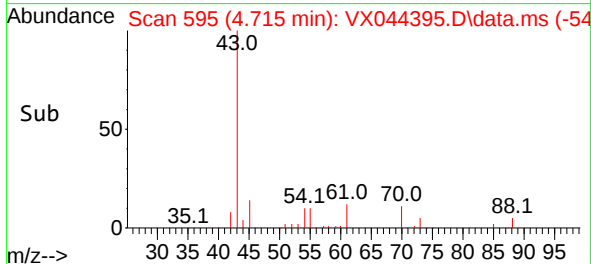
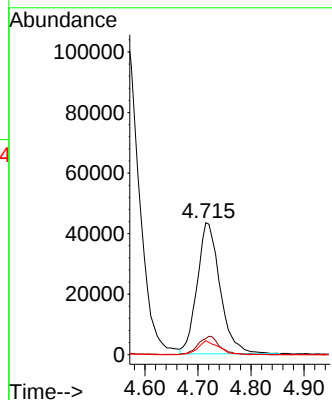
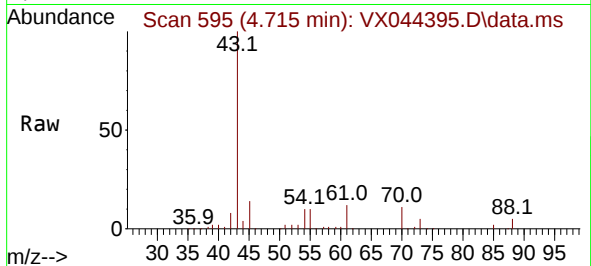




#37
Ethyl Acetate
Concen: 50.635 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

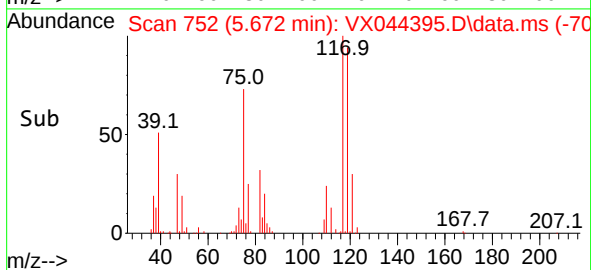
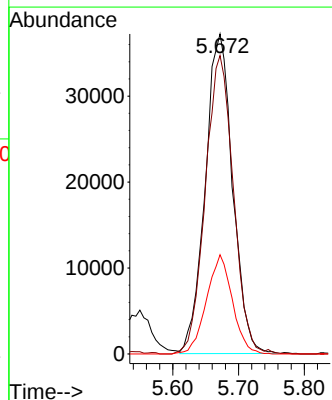
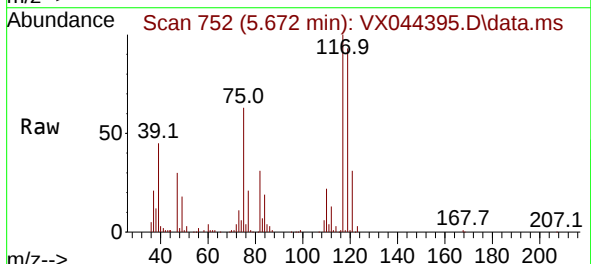
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

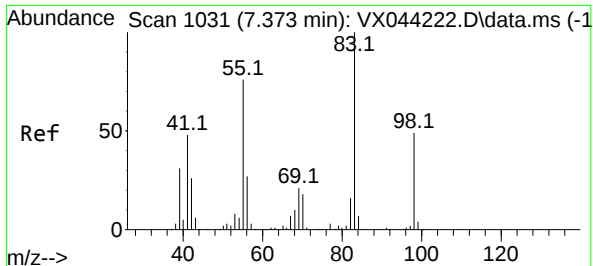
Tgt Ion: 43 Resp: 129759
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.8
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.318 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 117 Resp: 107841
Ion Ratio Lower Upper
117 100
119 93.2 74.2 111.4
121 31.1 23.0 34.6





#39

Methylcyclohexane

Concen: 49.289 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

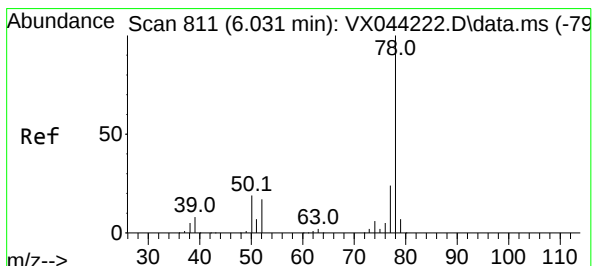
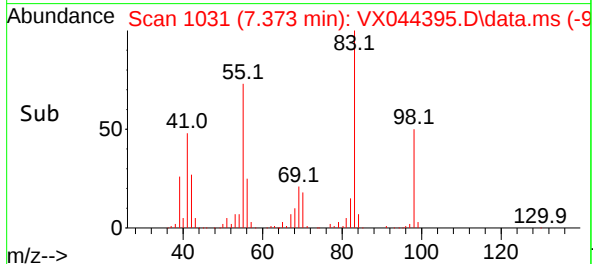
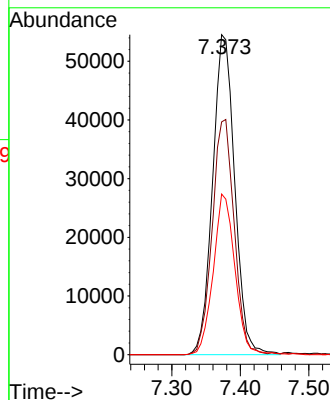
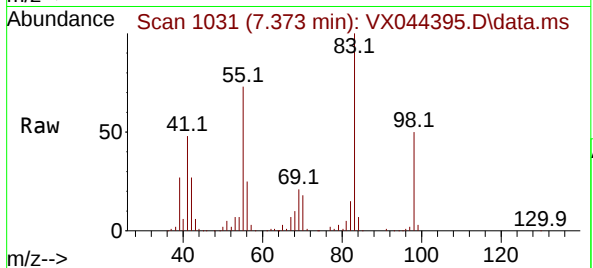
Tgt Ion: 83 Resp: 122156

Ion Ratio Lower Upper

83 100

55 72.7 60.7 91.1

98 50.2 38.9 58.3



#40

Benzene

Concen: 51.403 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044395.D

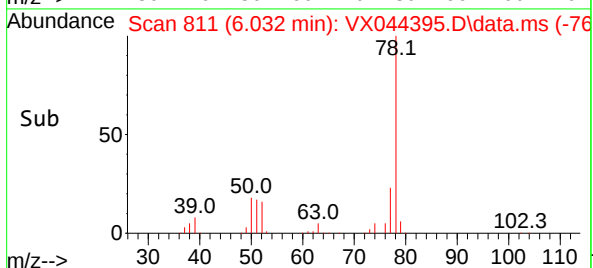
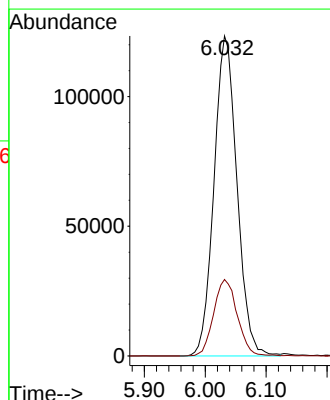
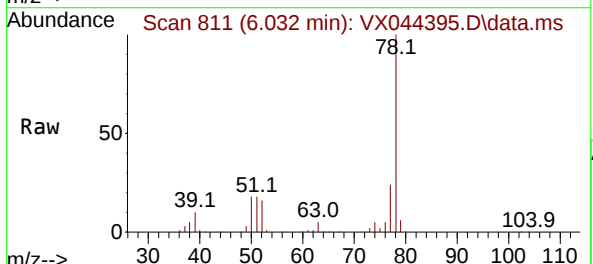
Acq: 18 Dec 2024 19:52

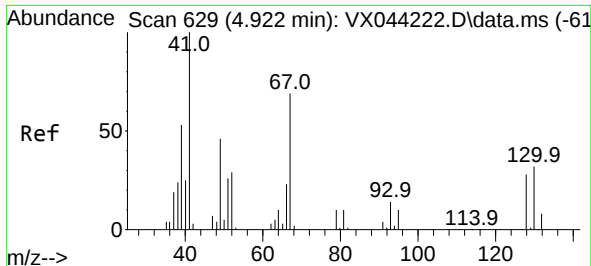
Tgt Ion: 78 Resp: 323543

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

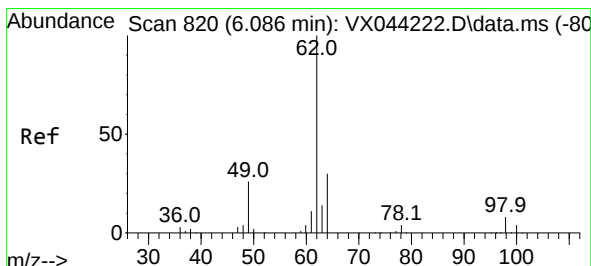
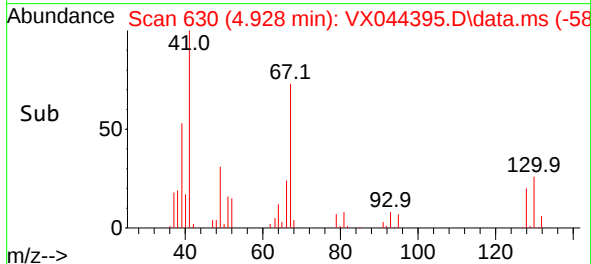
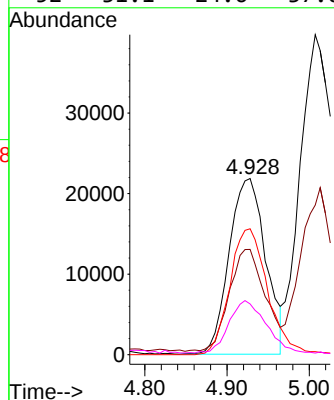
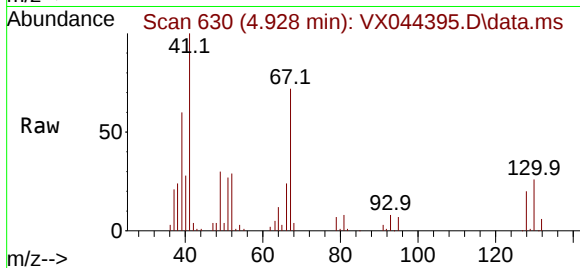




#41
Methacrylonitrile
Concen: 49.647 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

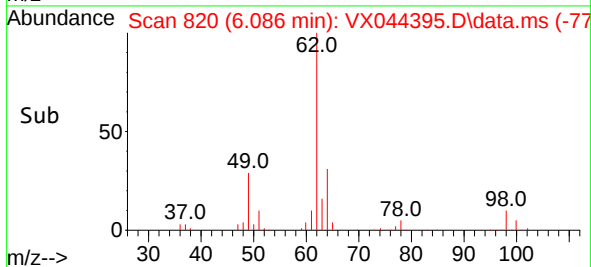
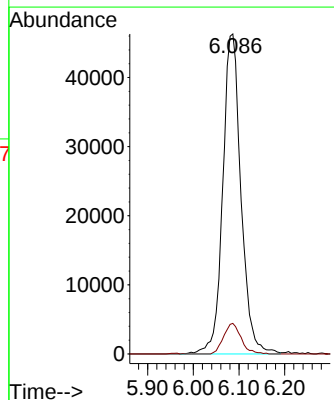
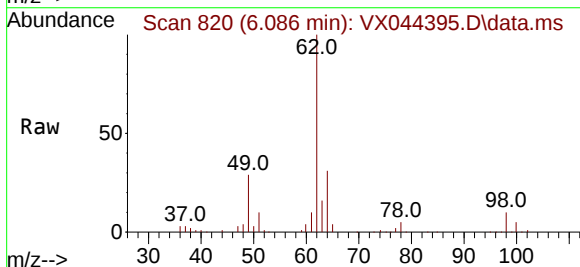
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

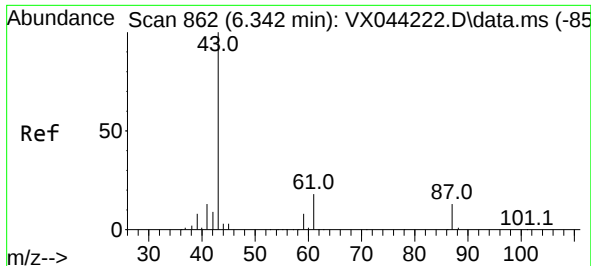
Tgt Ion:	41	Resp:	67557
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.2	66.4
67	74.5	57.2	85.8
52	31.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 49.504 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:	62	Resp:	128355
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8

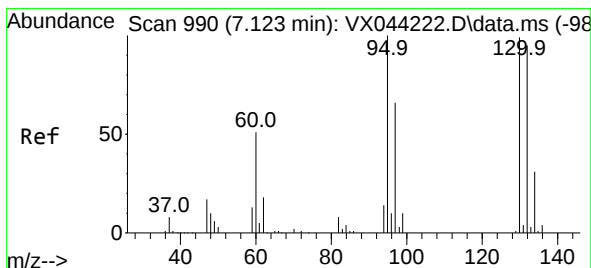
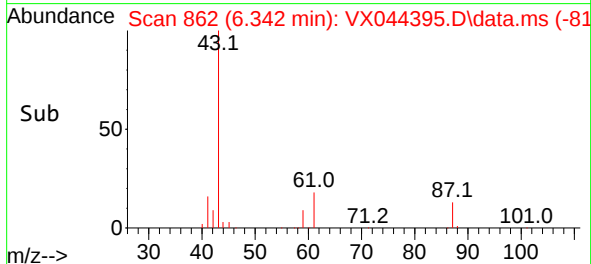
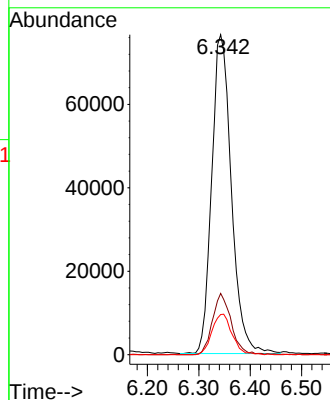
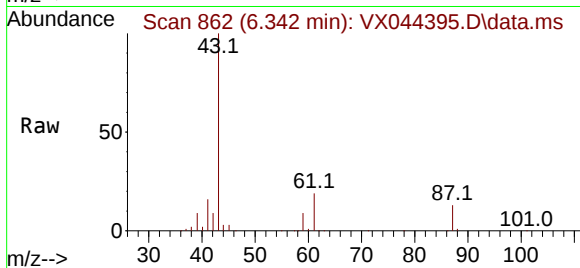




#43
Isopropyl Acetate
Concen: 50.693 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

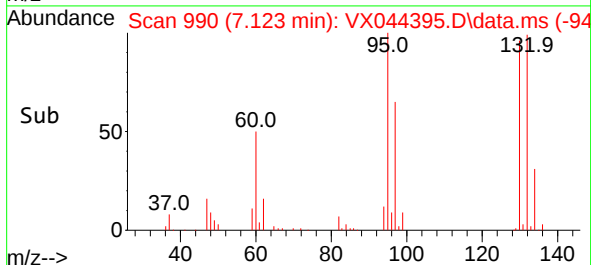
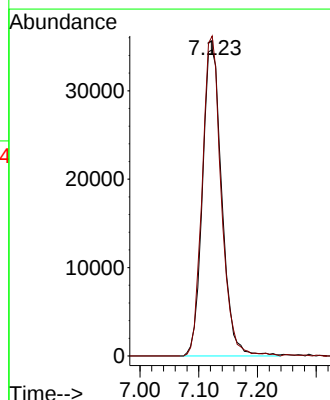
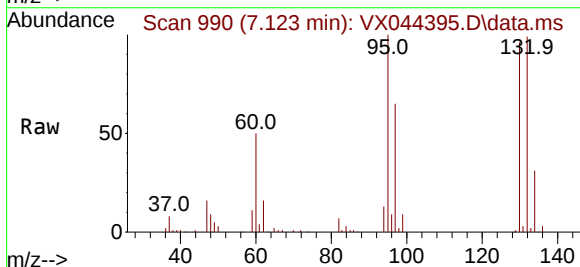
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

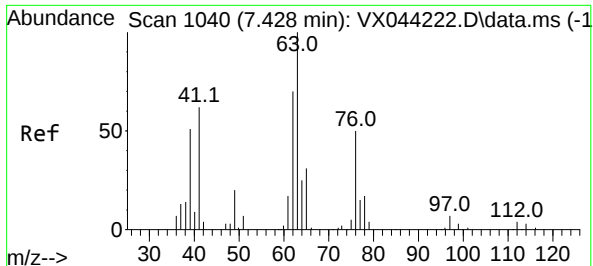
Tgt Ion: 43 Resp: 203040
Ion Ratio Lower Upper
43 100
61 18.5 14.2 21.2
87 12.9 10.2 15.2



#44
Trichloroethene
Concen: 51.229 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:130 Resp: 80410
Ion Ratio Lower Upper
130 100
95 104.6 0.0 201.4





#45

1,2-Dichloropropane

Concen: 50.319 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

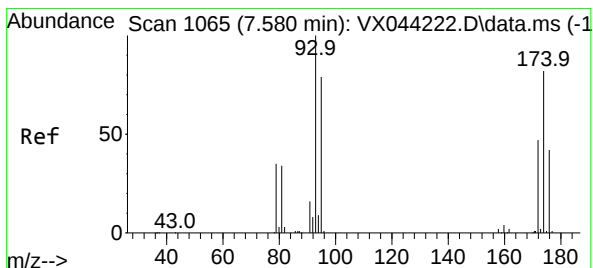
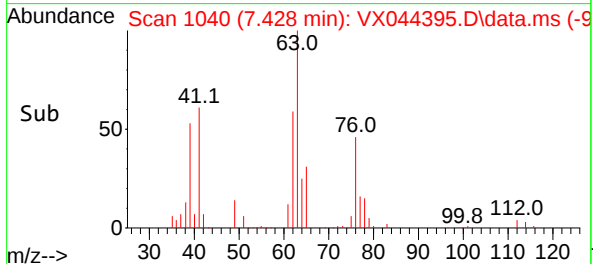
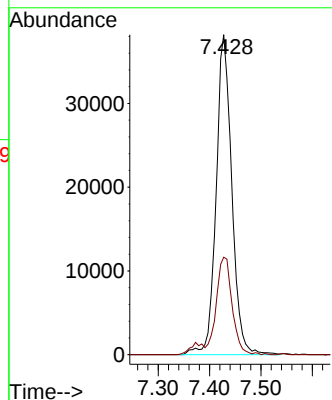
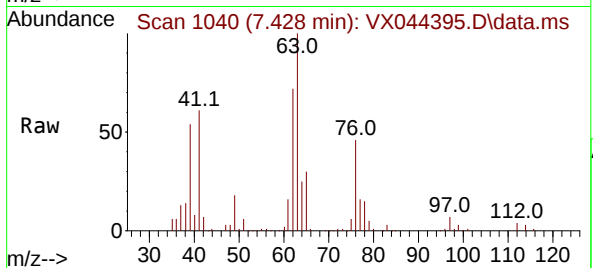
VSTDCCC050EC

Tgt Ion: 63 Resp: 80917

Ion Ratio Lower Upper

63 100

65 30.3 24.6 37.0



#46

Dibromomethane

Concen: 51.979 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

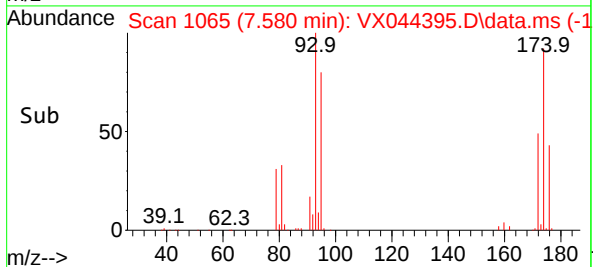
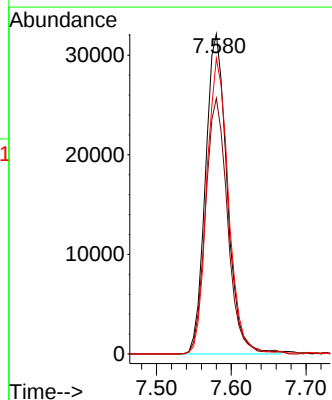
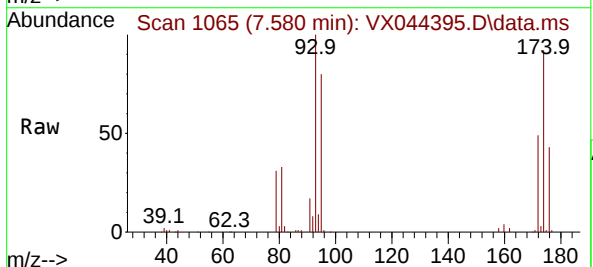
Tgt Ion: 93 Resp: 64847

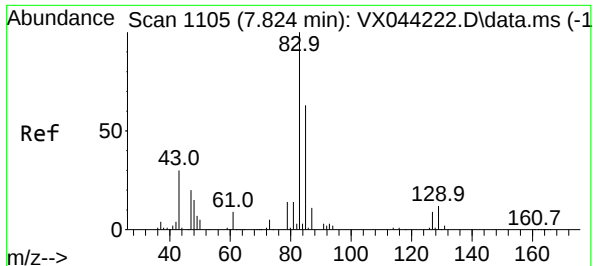
Ion Ratio Lower Upper

93 100

95 80.8 65.4 98.2

174 92.7 67.9 101.9

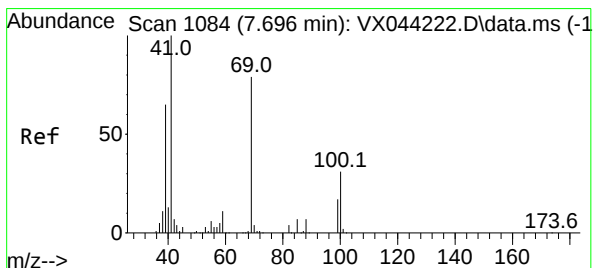
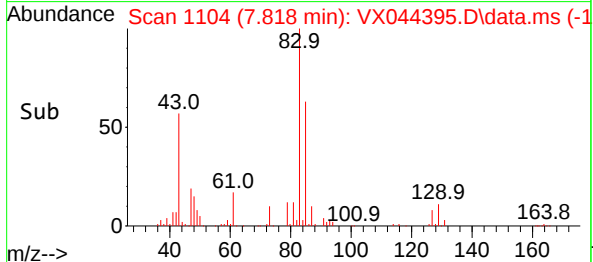
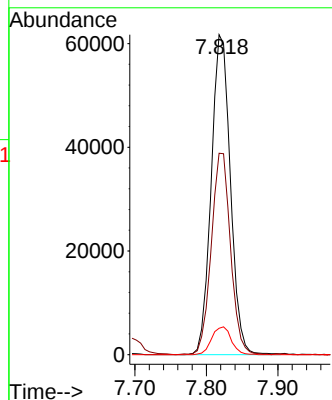
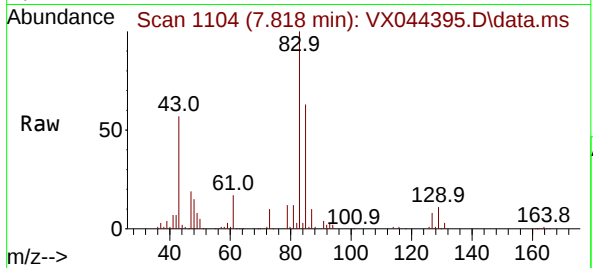




#47
Bromodichloromethane
Concen: 53.349 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

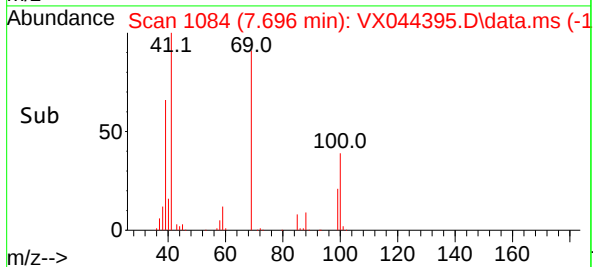
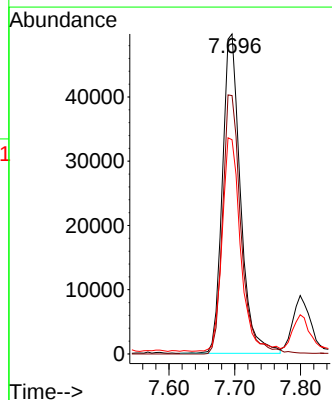
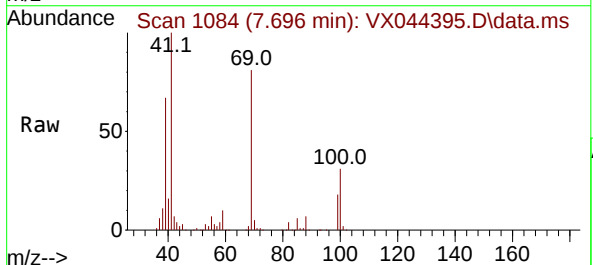
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

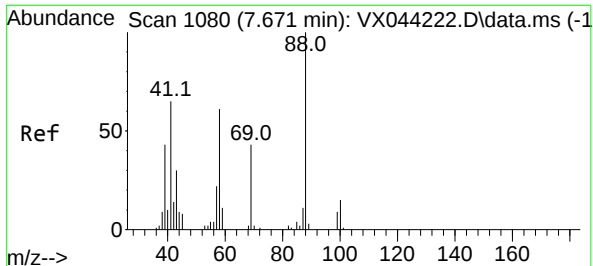
Tgt Ion: 83 Resp: 114945
Ion Ratio Lower Upper
83 100
85 62.8 50.6 75.8
127 8.2 7.3 10.9



#48
Methyl methacrylate
Concen: 49.082 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 41 Resp: 95430
Ion Ratio Lower Upper
41 100
69 82.3 62.4 93.6
39 67.7 53.3 79.9





#49

1,4-Dioxane

Concen: 854.459 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

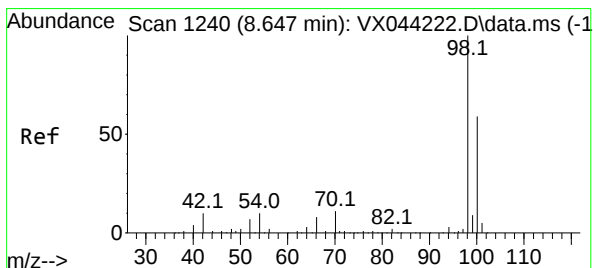
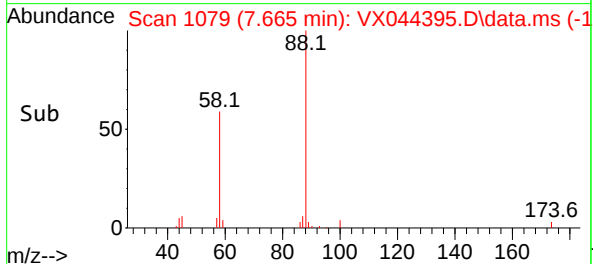
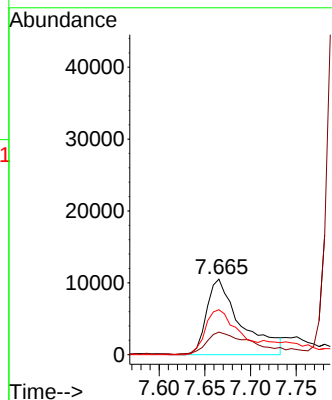
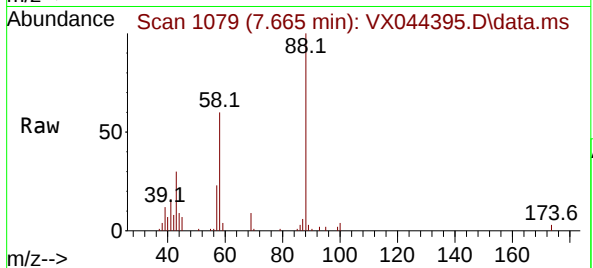
Tgt Ion: 88 Resp: 27544

Ion Ratio Lower Upper

88 100

43 41.5 27.1 40.7#

58 56.6 41.0 61.4



#50

Toluene-d8

Concen: 47.694 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044395.D

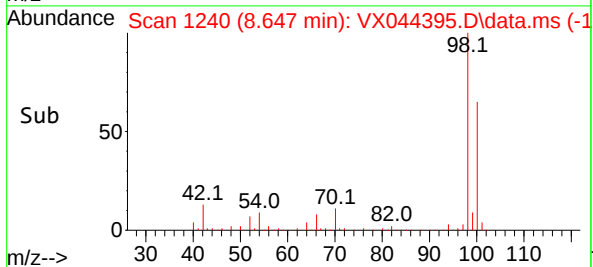
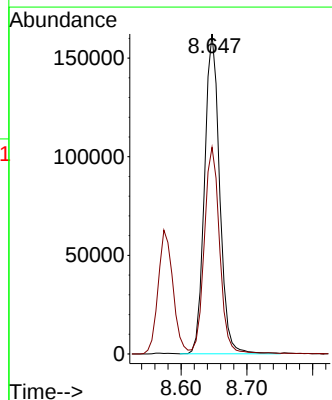
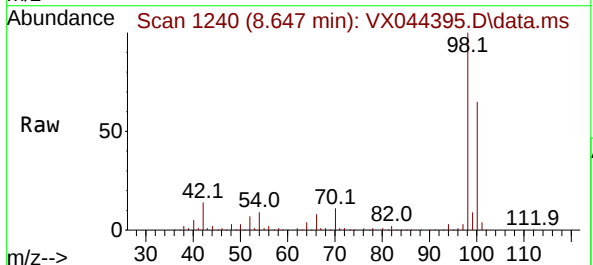
Acq: 18 Dec 2024 19:52

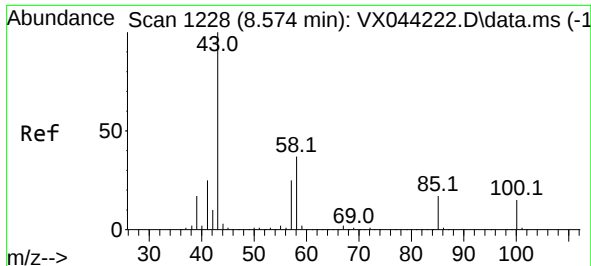
Tgt Ion: 98 Resp: 258060

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3

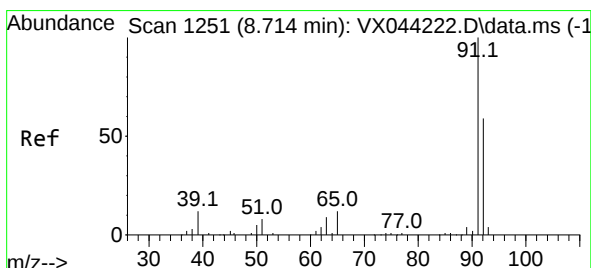
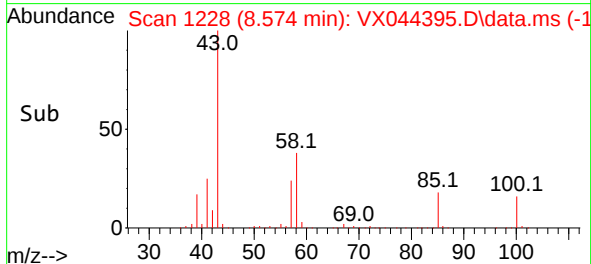
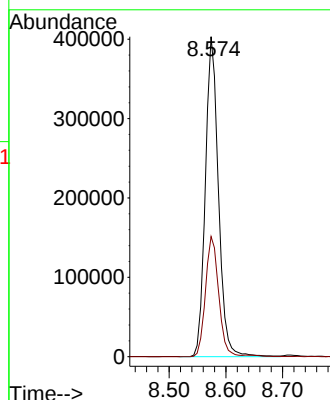
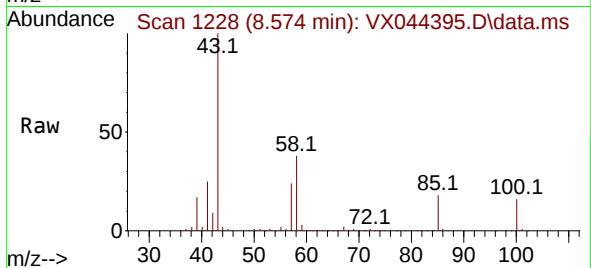




#51
4-Methyl-2-Pentanone
Concen: 251.054 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

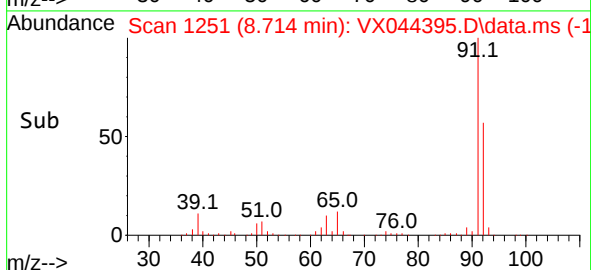
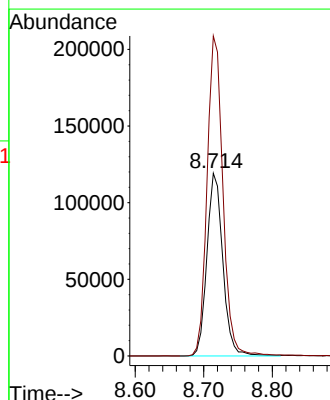
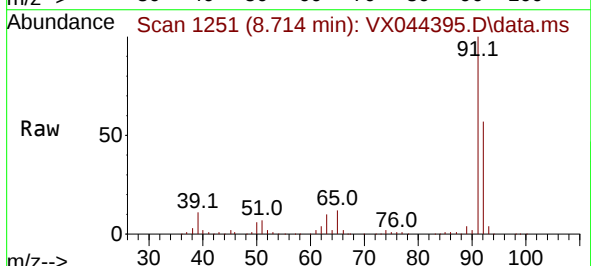
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

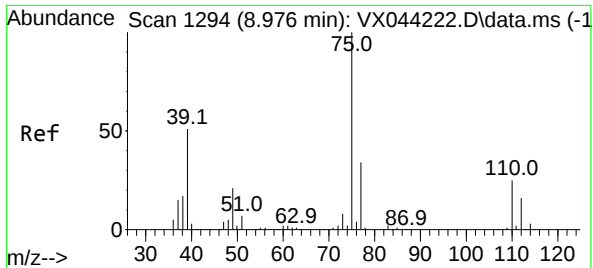
Tgt Ion: 43 Resp: 646548
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.0



#52
Toluene
Concen: 48.790 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 92 Resp: 192849
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 47.246 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

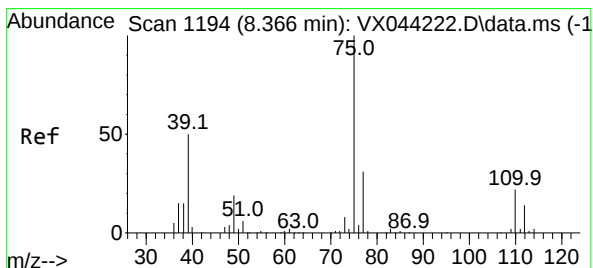
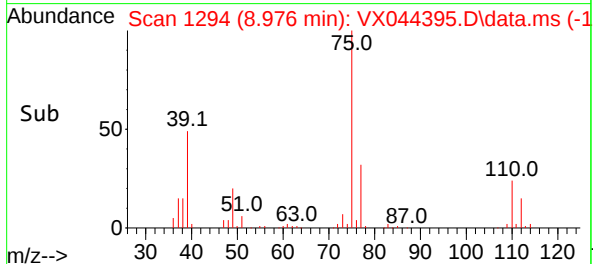
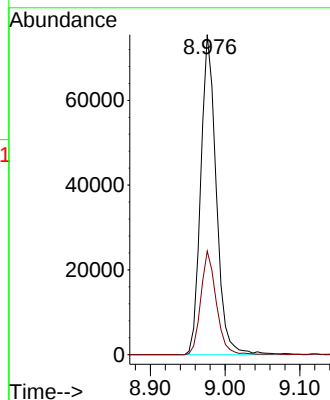
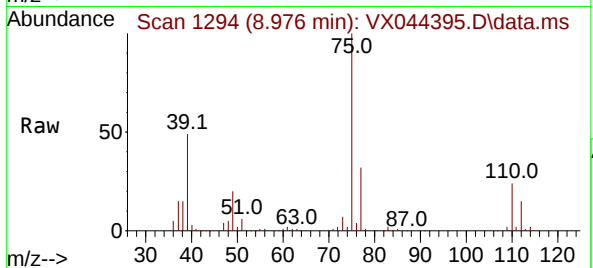
VSTDCCC050EC

Tgt Ion: 75 Resp: 108831

Ion Ratio Lower Upper

75 100

77 32.4 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 51.907 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

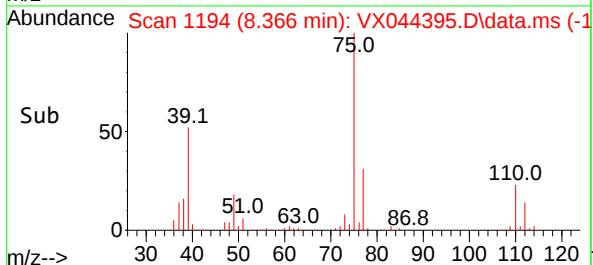
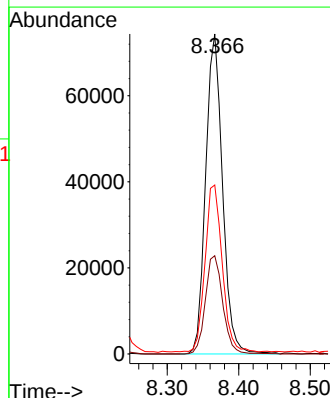
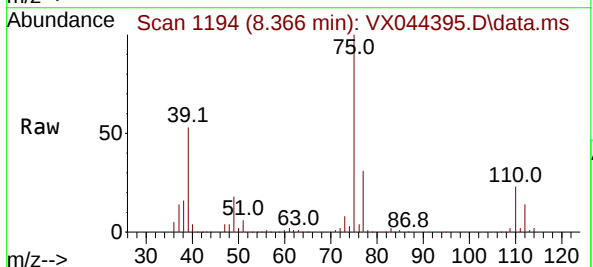
Tgt Ion: 75 Resp: 121772

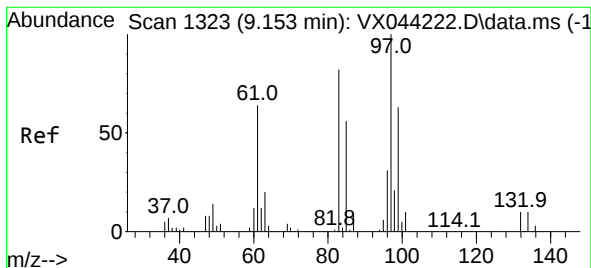
Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 52.1 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 53.041 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 83289

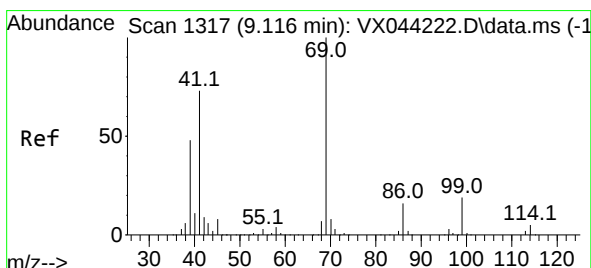
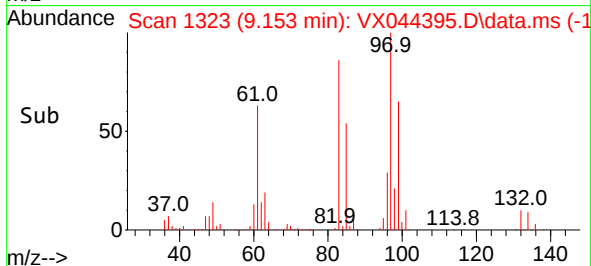
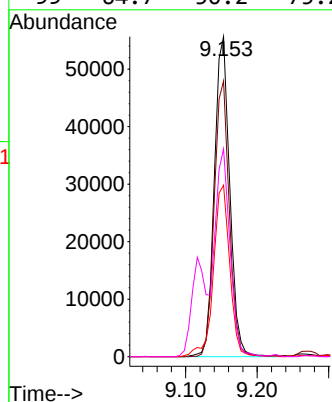
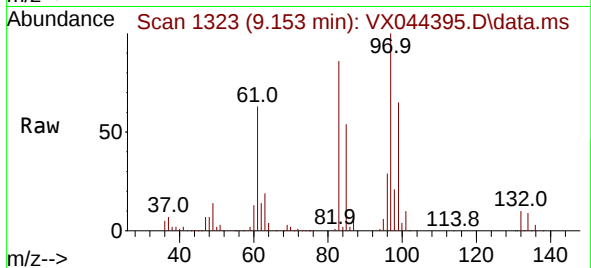
Ion Ratio Lower Upper

97 100

83 86.2 65.3 97.9

85 53.6 44.6 67.0

99 64.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 51.786 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

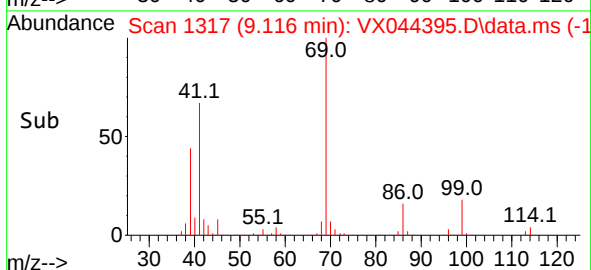
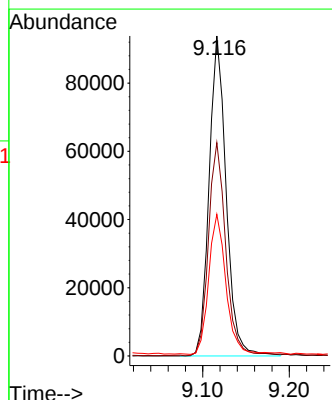
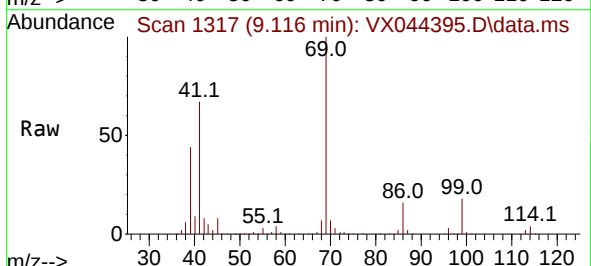
Tgt Ion: 69 Resp: 128375

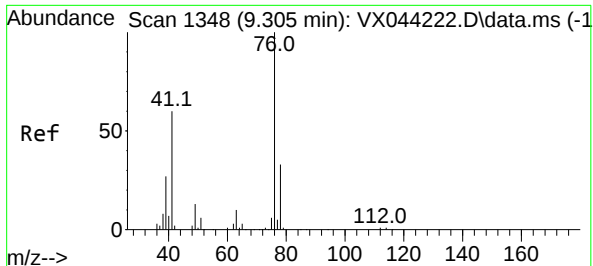
Ion Ratio Lower Upper

69 100

41 68.1 56.6 85.0

39 44.5 37.4 56.0





#57

1,3-Dichloropropane

Concen: 50.869 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

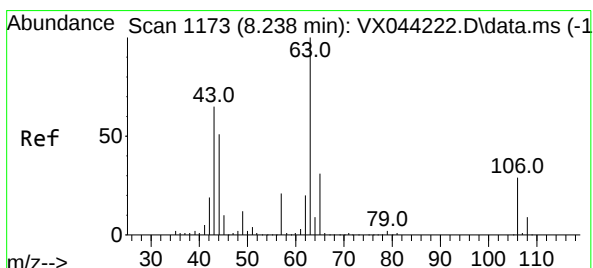
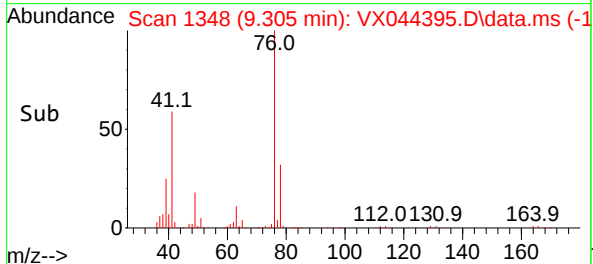
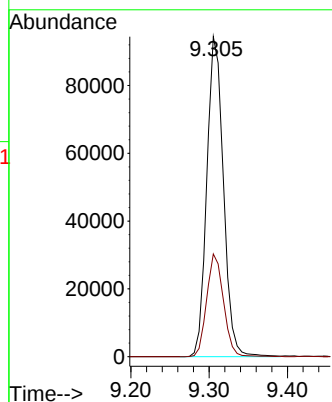
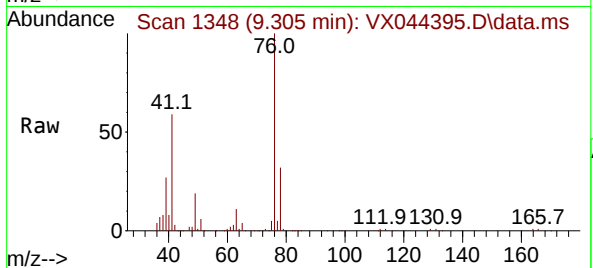
VSTDCCC050EC

Tgt Ion: 76 Resp: 139034

Ion Ratio Lower Upper

76 100

78 32.4 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 253.061 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044395.D

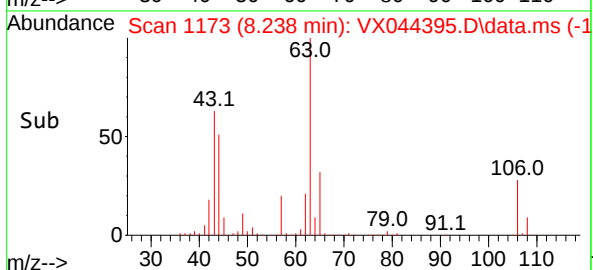
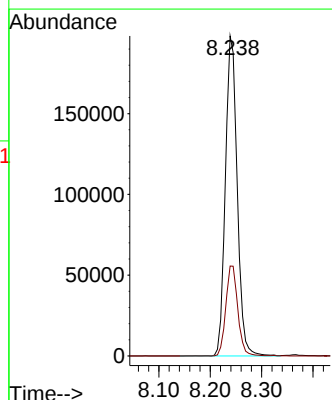
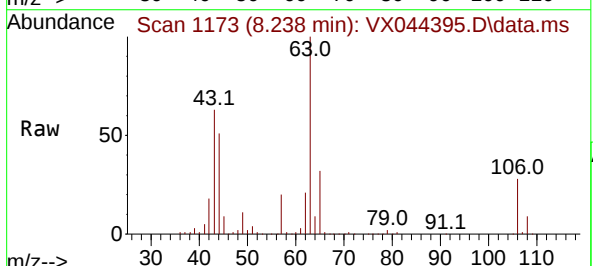
Acq: 18 Dec 2024 19:52

Tgt Ion: 63 Resp: 316405

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2

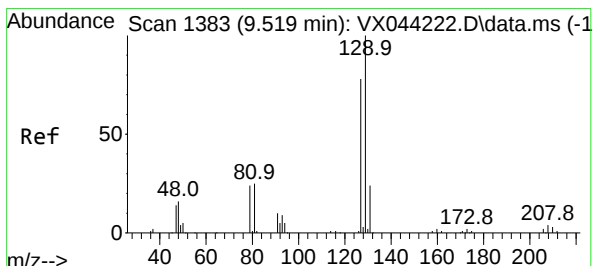
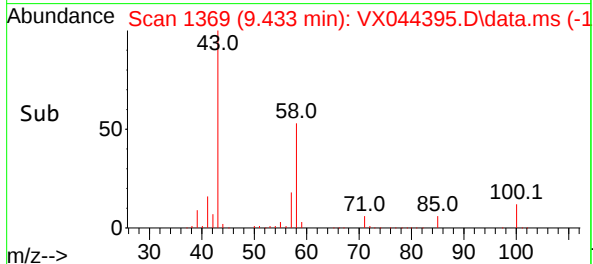
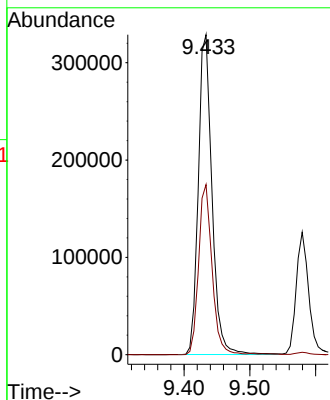
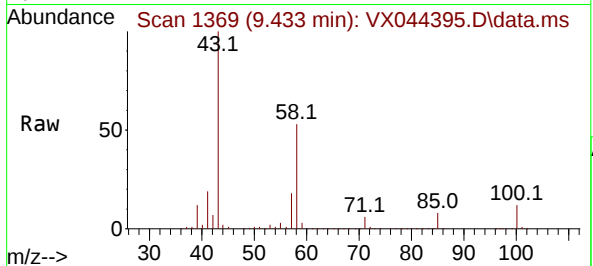




#59
2-Hexanone
Concen: 254.459 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

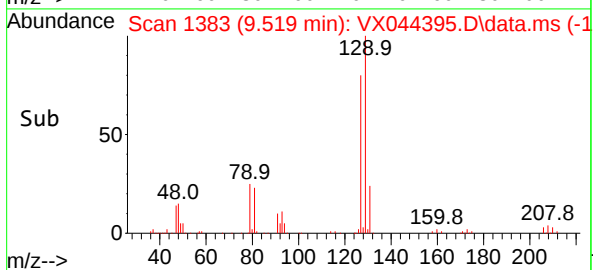
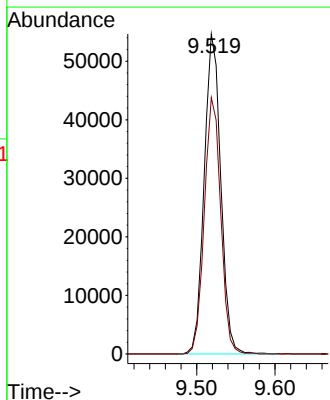
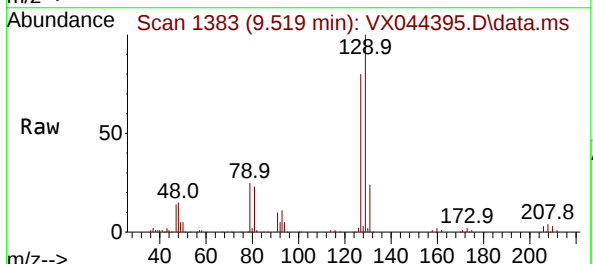
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

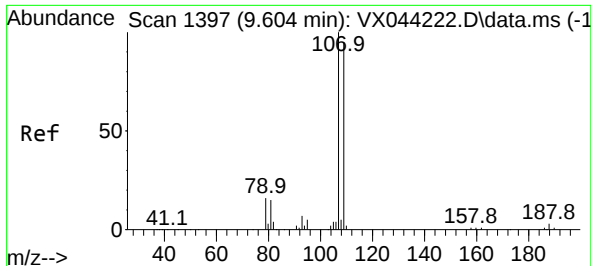
Tgt Ion: 43 Resp: 474334
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.0



#60
Dibromochloromethane
Concen: 48.292 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:129 Resp: 80110
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.3

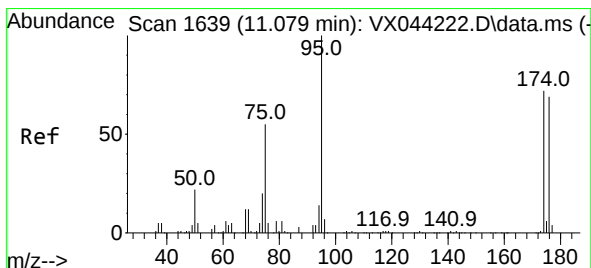
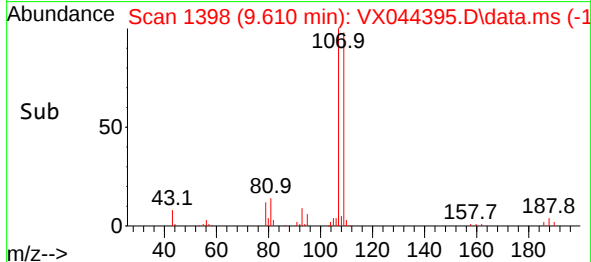
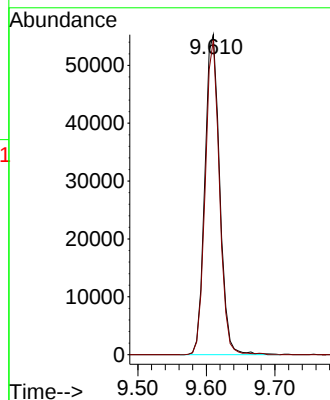
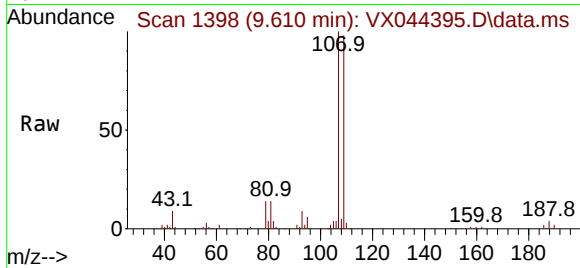




#61
1,2-Dibromoethane
Concen: 52.335 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

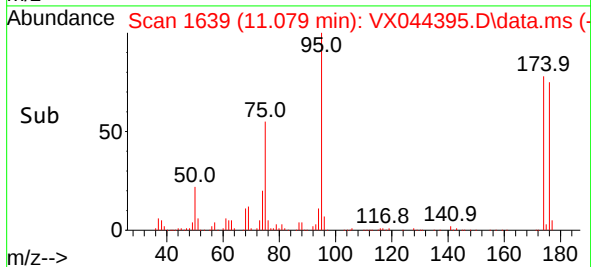
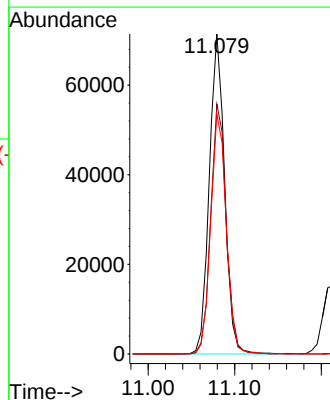
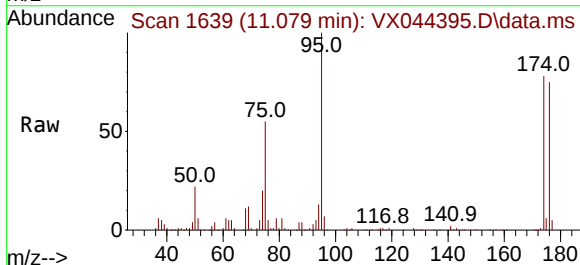
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

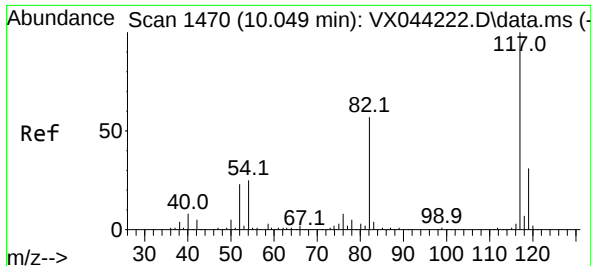
Tgt Ion:107 Resp: 83651
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 46.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 95 Resp: 87444
Ion Ratio Lower Upper
95 100
174 79.4 0.0 145.8
176 76.5 0.0 137.8

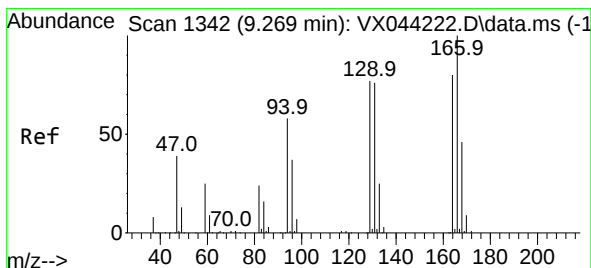
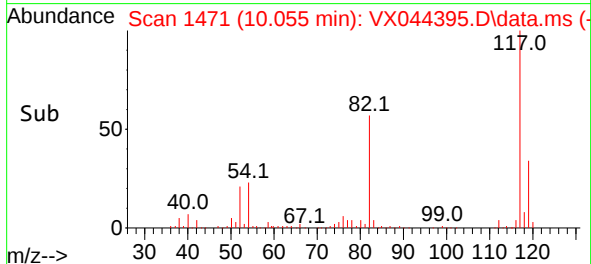
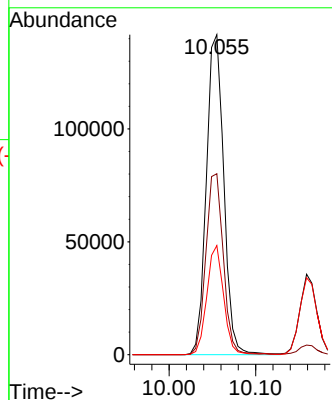
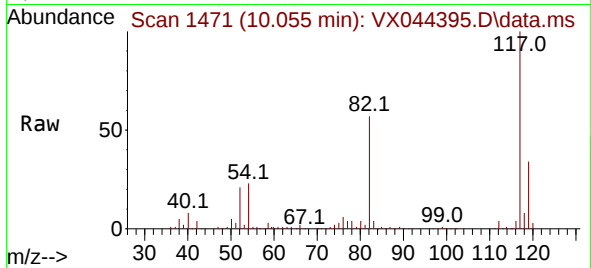




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

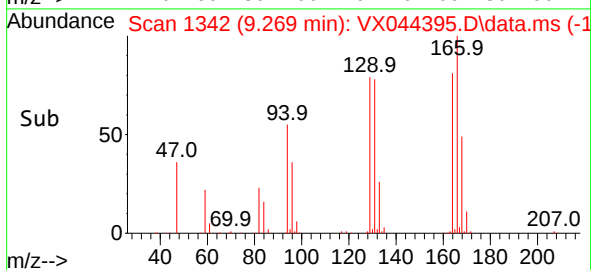
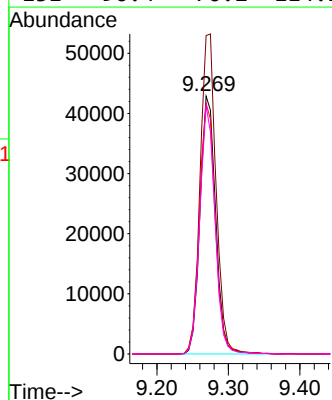
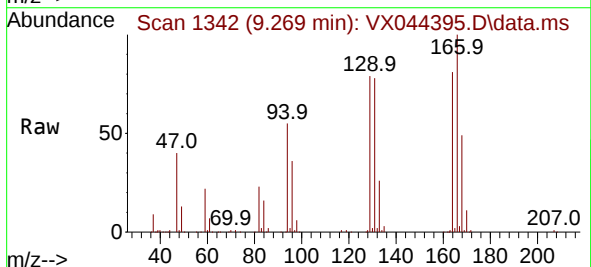
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

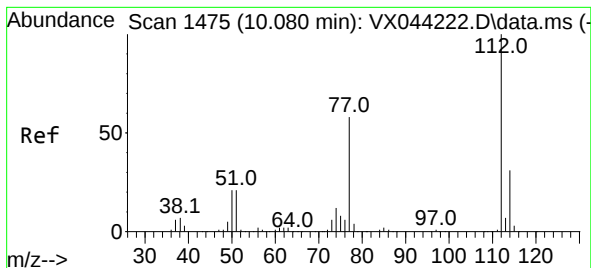
Tgt Ion:117 Resp: 198322
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 34.1 25.0 37.4



#64
Tetrachloroethene
Concen: 49.442 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:164 Resp: 65080
Ion Ratio Lower Upper
164 100
166 123.5 100.4 150.6
129 97.2 77.2 115.8
131 96.4 76.2 114.2

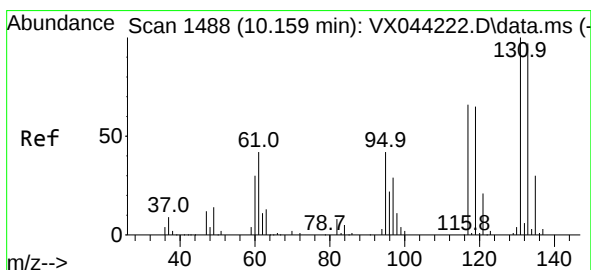
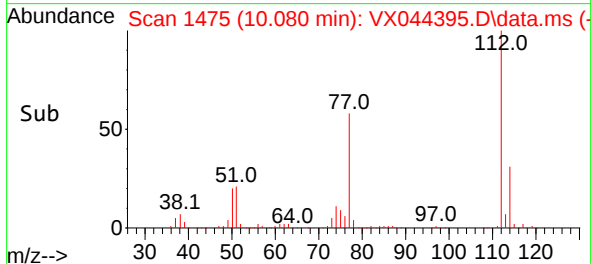
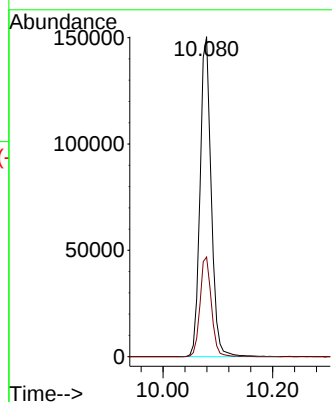
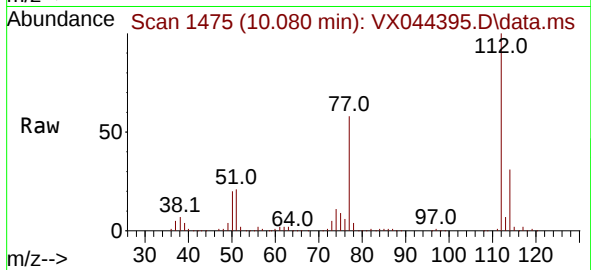




#65
Chlorobenzene
Concen: 50.011 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

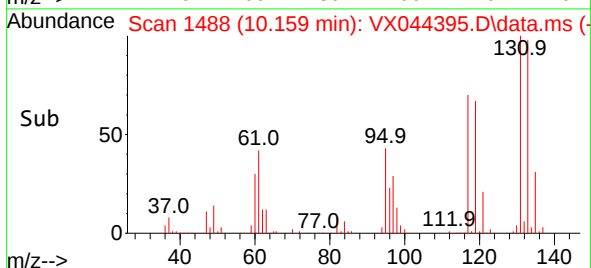
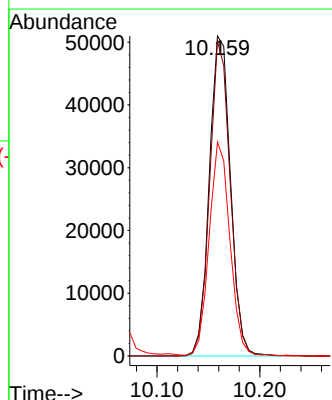
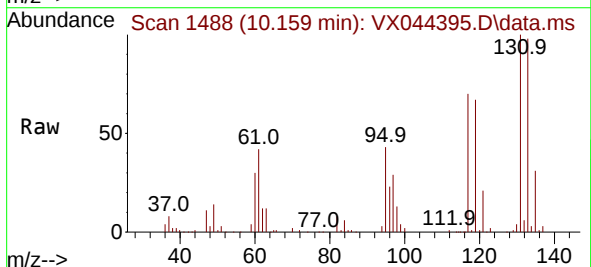
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

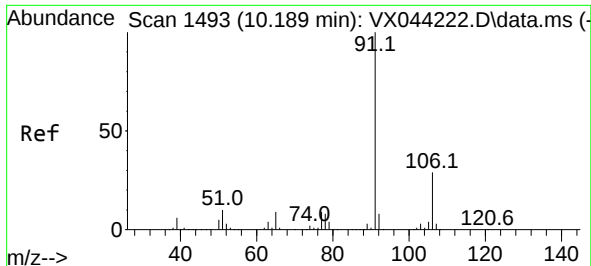
Tgt Ion:112 Resp: 212528
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.289 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:131 Resp: 72780
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 65.4 31.6 95.0





#67

Ethyl Benzene

Concen: 48.877 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

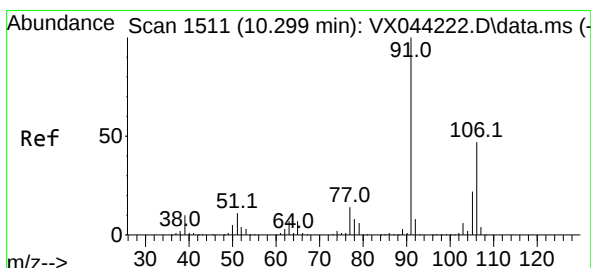
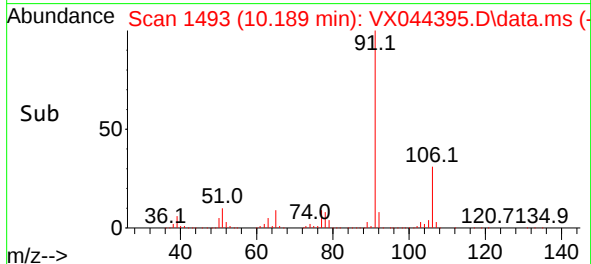
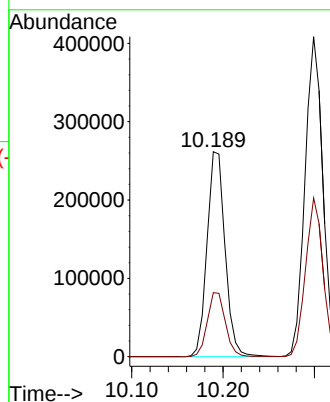
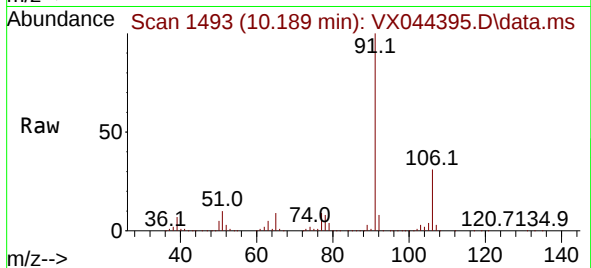
VSTDCCC050EC

Tgt Ion: 91 Resp: 358882

Ion Ratio Lower Upper

91 100

106 31.2 23.5 35.3



#68

m/p-Xylenes

Concen: 101.186 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044395.D

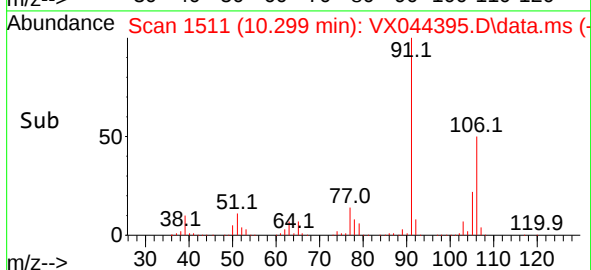
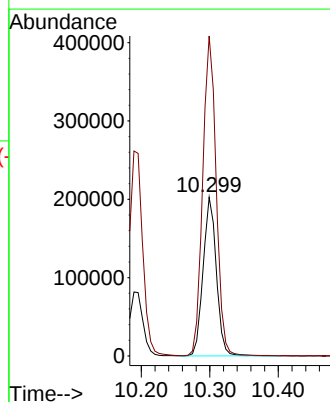
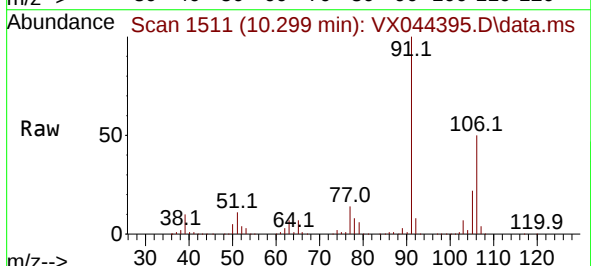
Acq: 18 Dec 2024 19:52

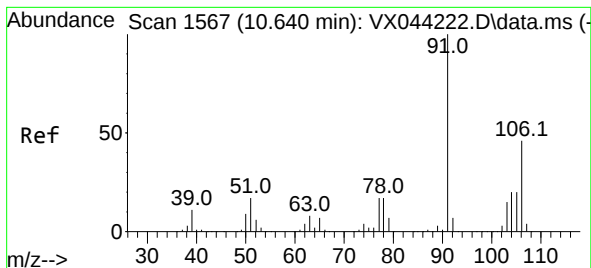
Tgt Ion: 106 Resp: 272625

Ion Ratio Lower Upper

106 100

91 205.7 170.2 255.2





#69

o-Xylene

Concen: 50.475 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

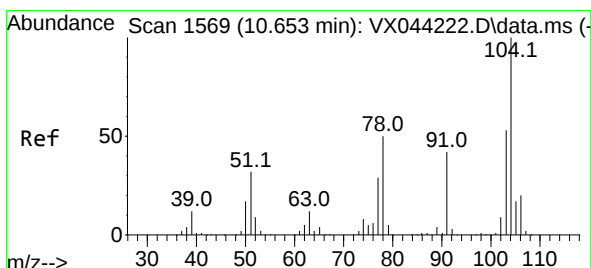
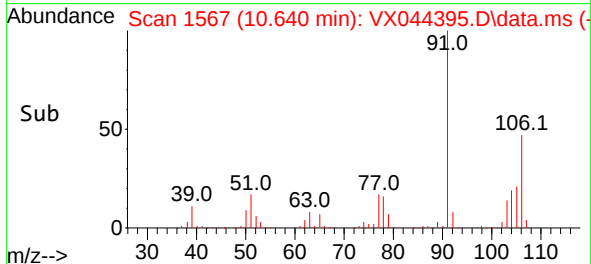
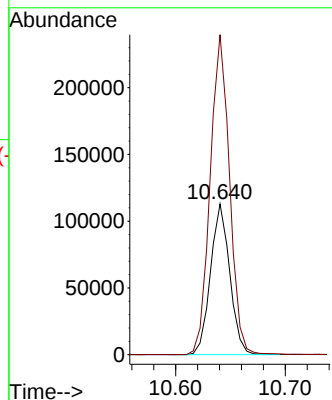
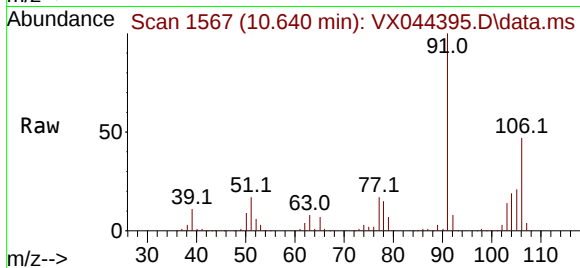
VSTDCCC050EC

Tgt Ion:106 Resp: 137600

Ion Ratio Lower Upper

106 100

91 214.8 112.3 337.0



#70

Styrene

Concen: 51.996 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

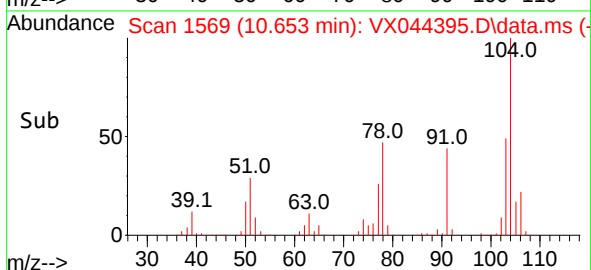
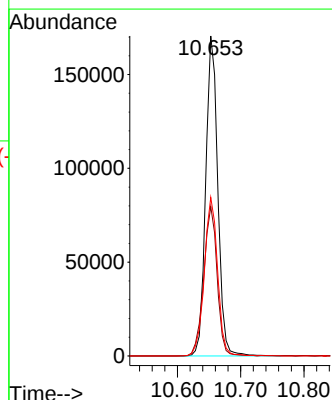
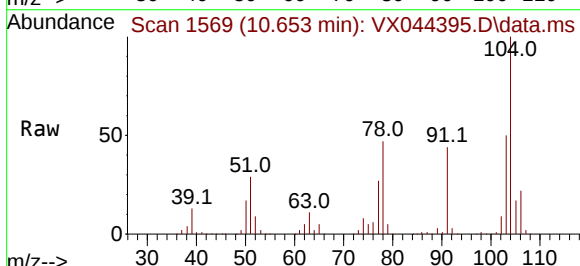
Tgt Ion:104 Resp: 227233

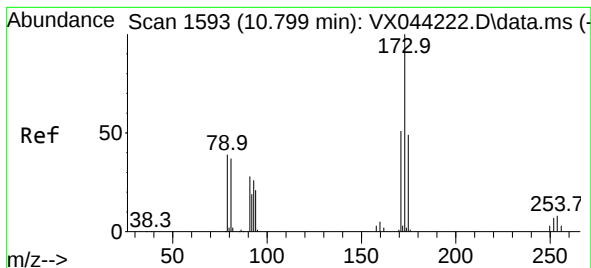
Ion Ratio Lower Upper

104 100

78 51.9 44.6 67.0

103 54.6 45.4 68.0





#71

Bromoform

Concen: 50.123 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

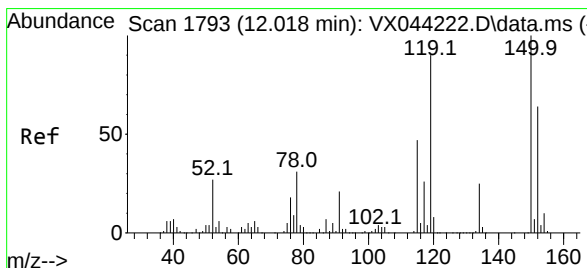
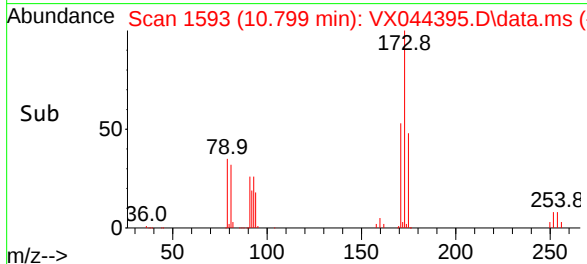
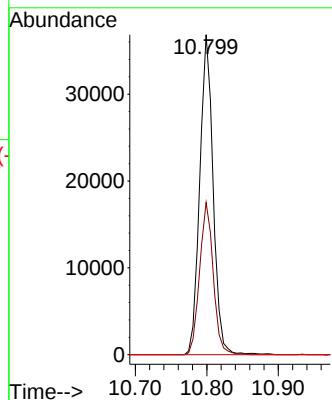
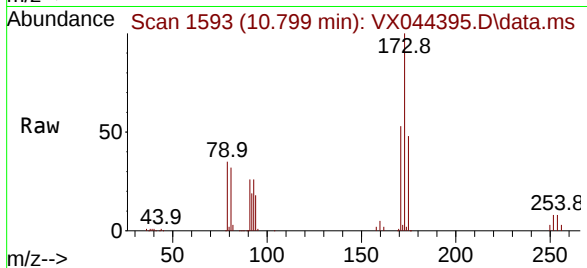
Tgt Ion:173 Resp: 47848

Ion Ratio Lower Upper

173 100

175 48.5 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: VX044395.D

Acq: 18 Dec 2024 19:52

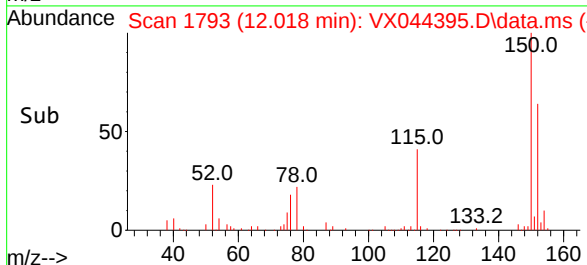
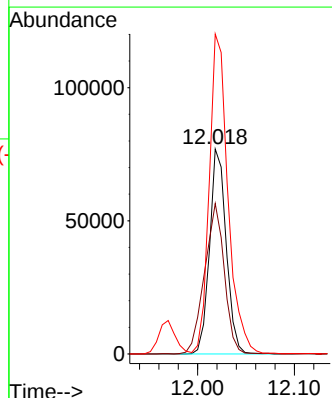
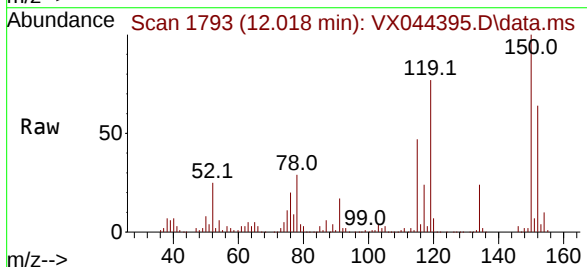
Tgt Ion:152 Resp: 92192

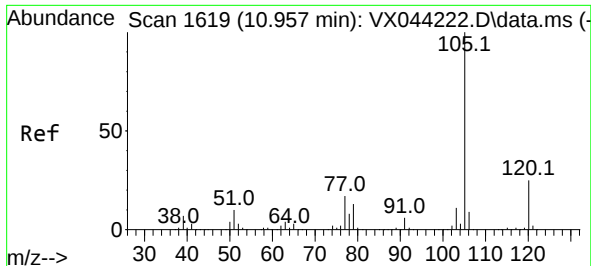
Ion Ratio Lower Upper

152 100

115 87.2 44.5 133.3

150 175.2 0.0 353.8

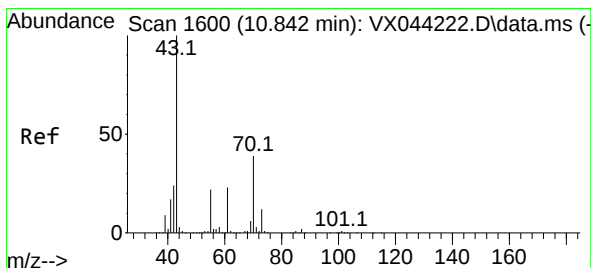
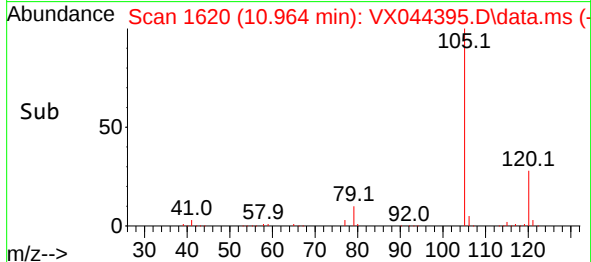
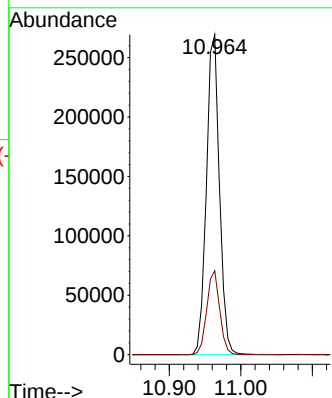
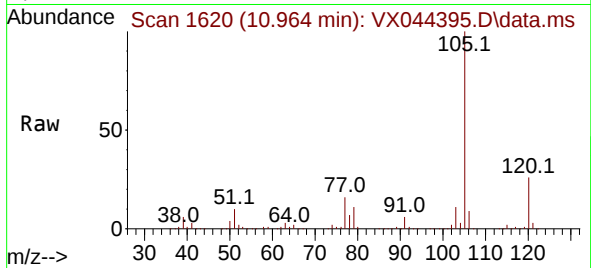




#73
Isopropylbenzene
Concen: 48.386 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

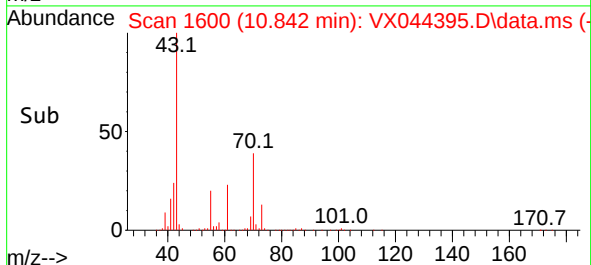
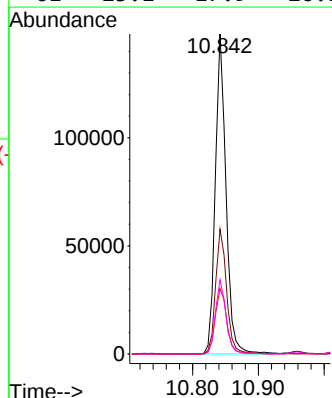
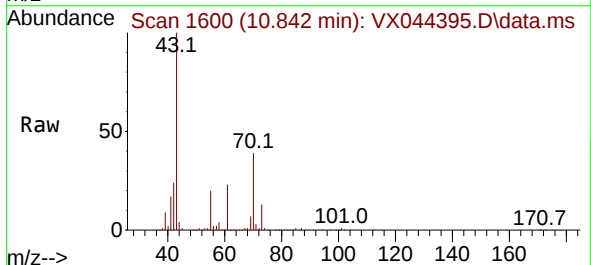
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

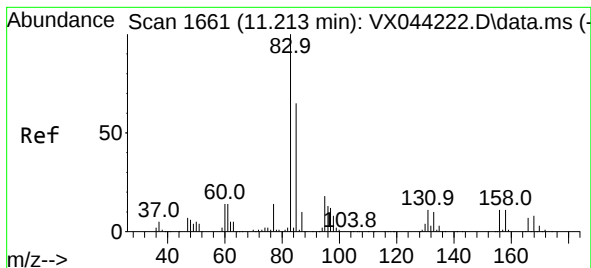
Tgt Ion:105 Resp: 341494
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#74
N-ethyl acetate
Concen: 51.447 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 167806
Ion Ratio Lower Upper
43 100
70 40.3 31.9 47.9
55 22.2 17.9 26.9
61 23.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.128 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

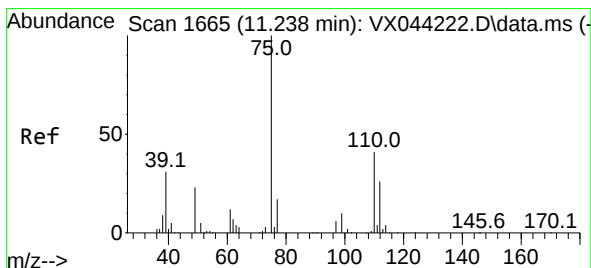
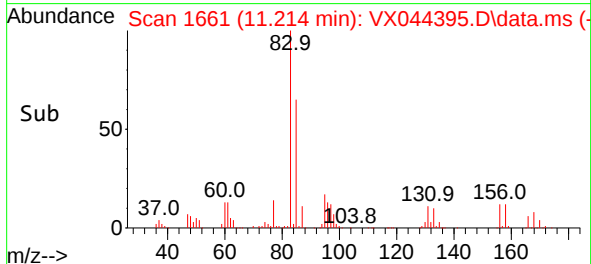
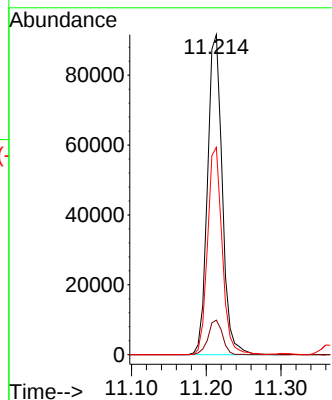
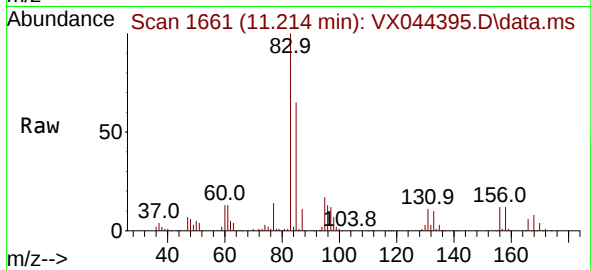
Tgt Ion: 83 Resp: 125333

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 64.2 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 62.293 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044395.D

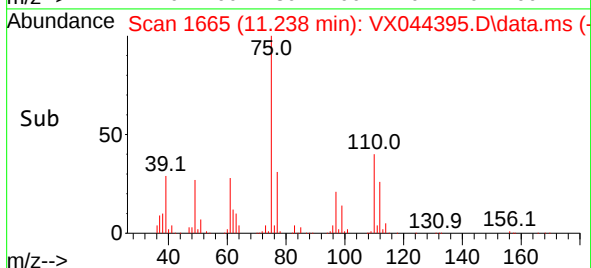
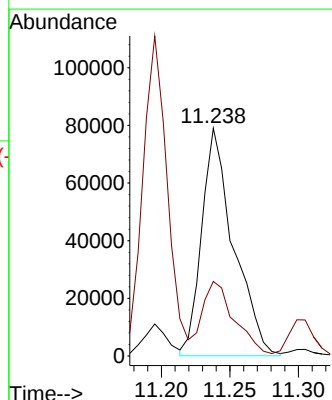
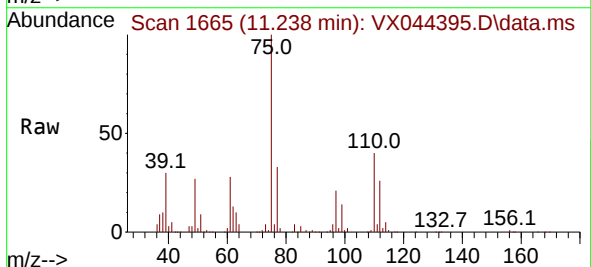
Acq: 18 Dec 2024 19:52

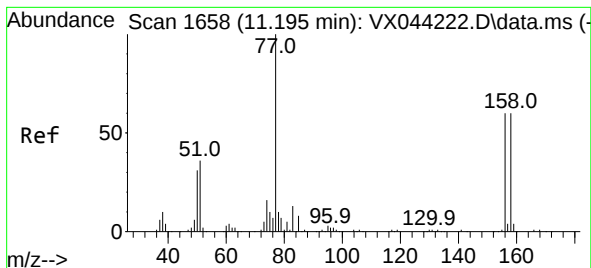
Tgt Ion: 75 Resp: 128225

Ion Ratio Lower Upper

75 100

77 33.2 20.9 62.7





#77

Bromobenzene

Concen: 50.614 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

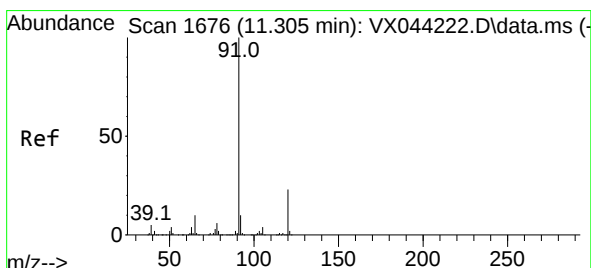
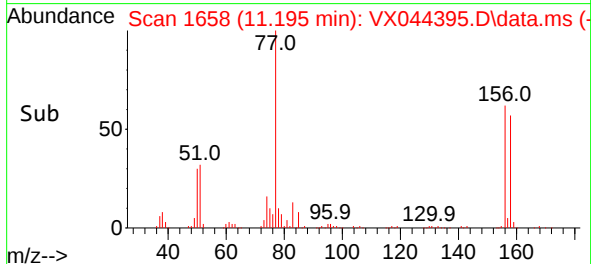
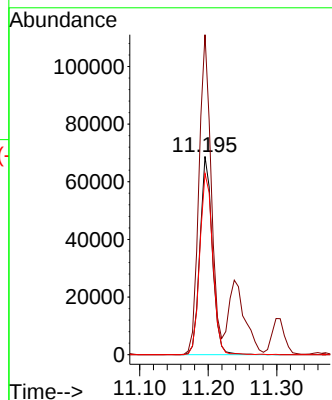
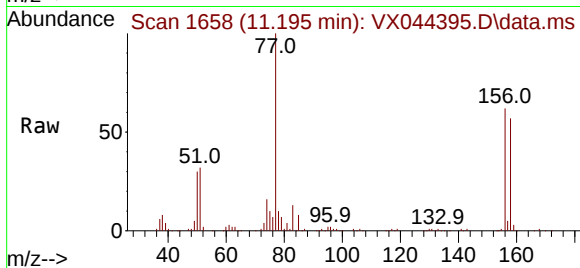
Tgt Ion:156 Resp: 86623

Ion Ratio Lower Upper

156 100

77 159.2 82.6 247.8

158 96.0 48.8 146.4



#78

n-propylbenzene

Concen: 49.070 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX044395.D

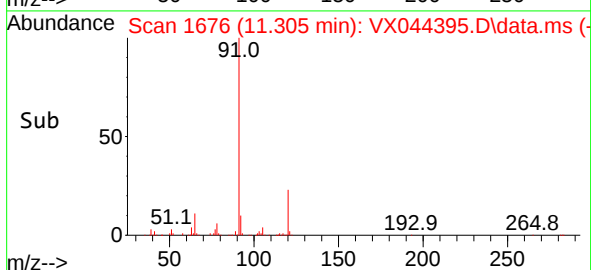
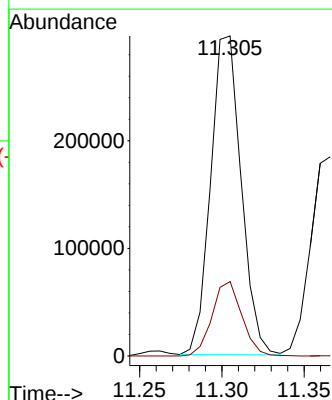
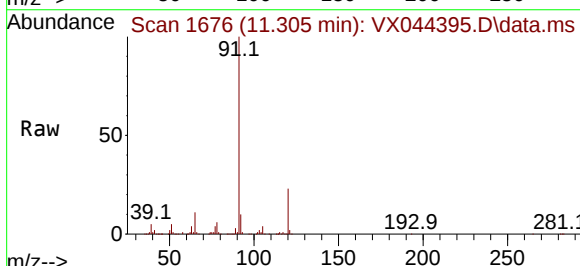
Acq: 18 Dec 2024 19:52

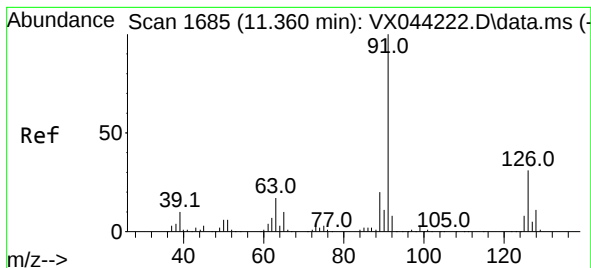
Tgt Ion: 91 Resp: 382775

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.227 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

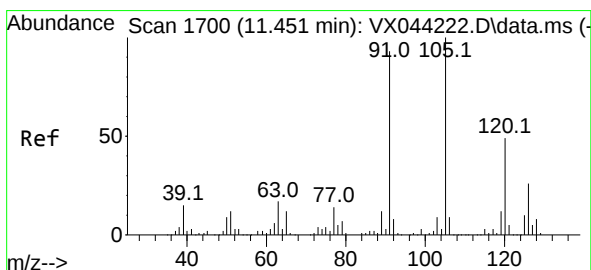
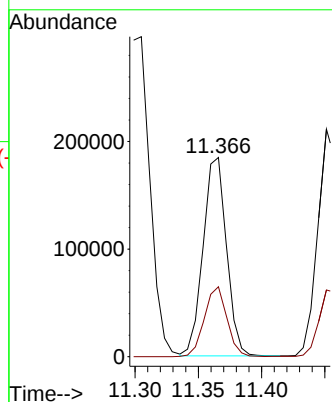
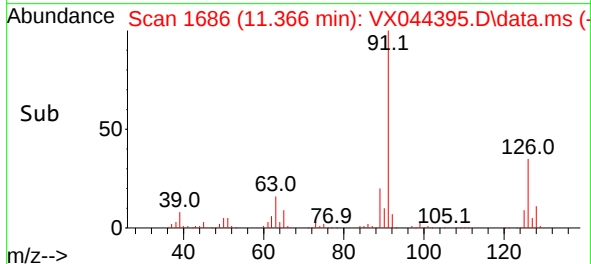
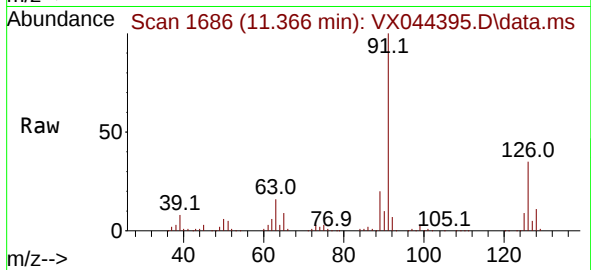
VSTDCCC050EC

Tgt Ion: 91 Resp: 238254

Ion Ratio Lower Upper

91 100

126 34.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 48.394 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044395.D

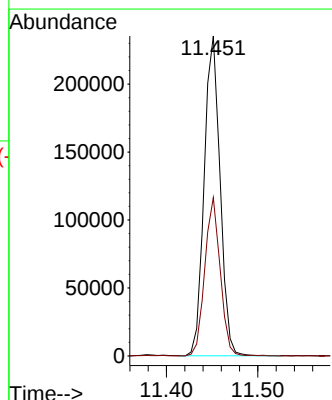
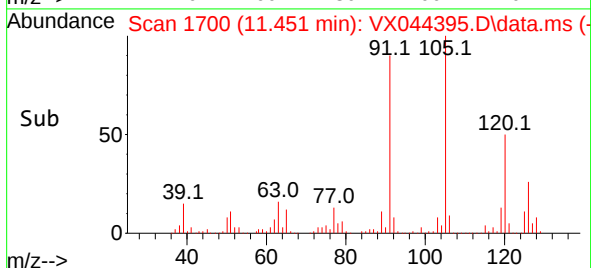
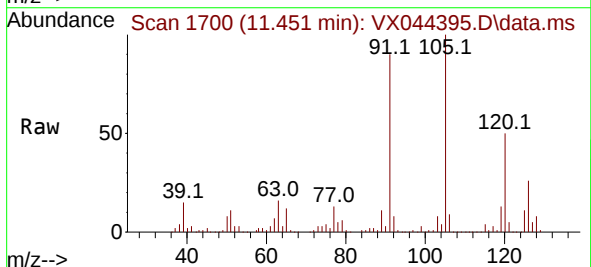
Acq: 18 Dec 2024 19:52

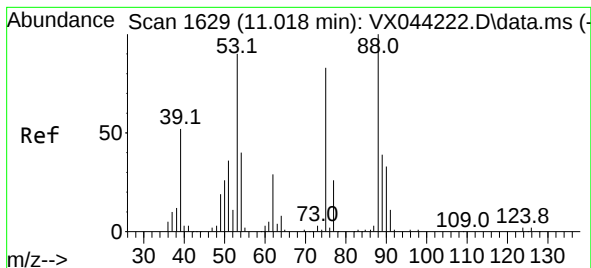
Tgt Ion: 105 Resp: 283243

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.4

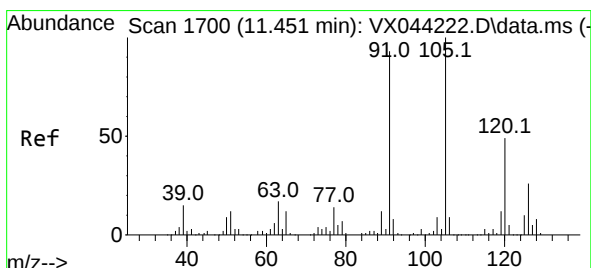
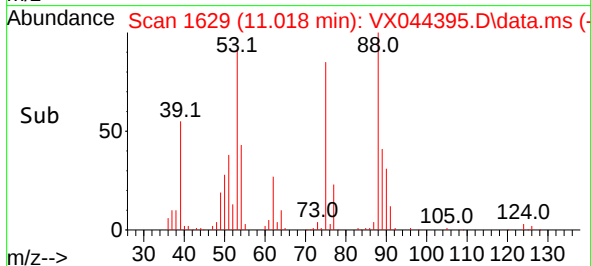
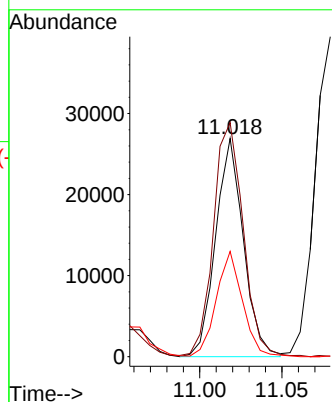
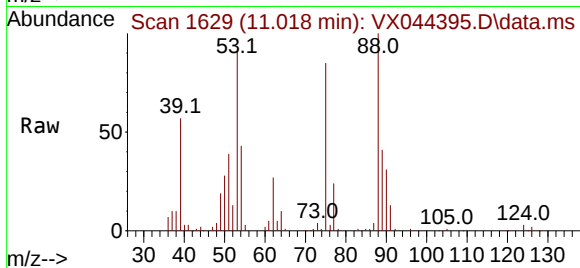




#81
trans-1,4-Dichloro-2-butene
Concen: 44.685 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

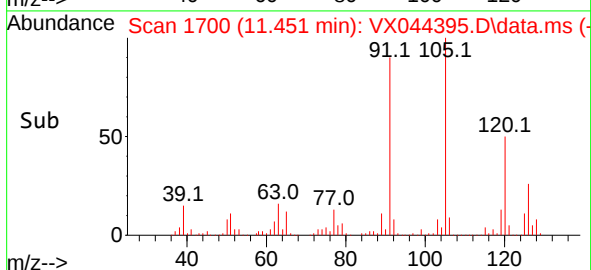
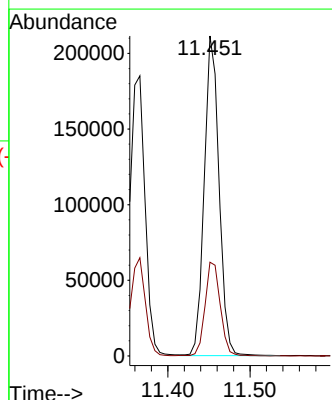
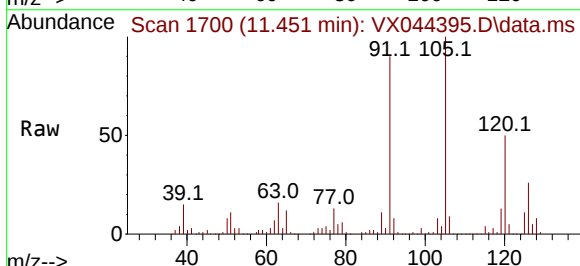
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 31620
Ion Ratio Lower Upper
75 100
53 115.1 93.6 140.4
89 45.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 47.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 91 Resp: 264905
Ion Ratio Lower Upper
91 100
126 30.1 14.5 43.5





#83

tert-Butylbenzene

Concen: 48.916 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

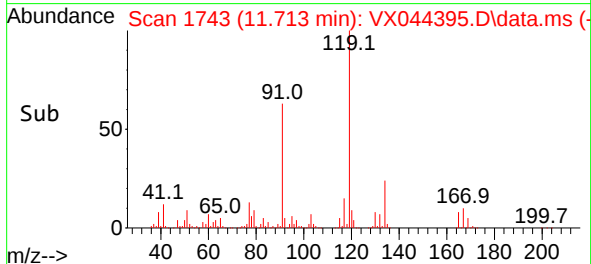
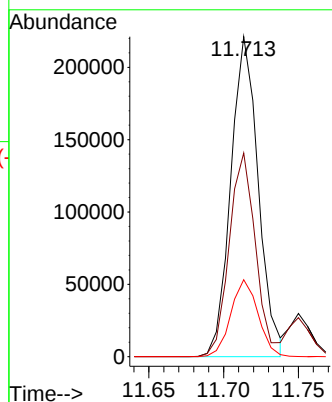
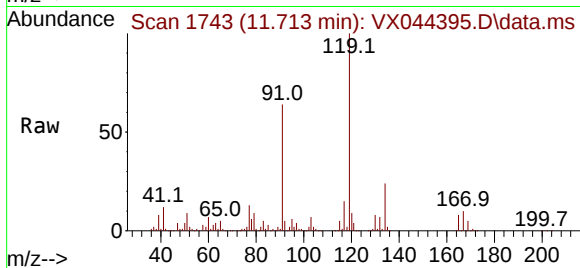
Tgt Ion:119 Resp: 282938

Ion Ratio Lower Upper

119 100

91 61.3 30.9 92.5

134 23.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 50.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044395.D

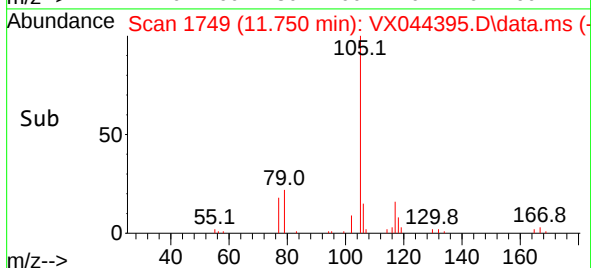
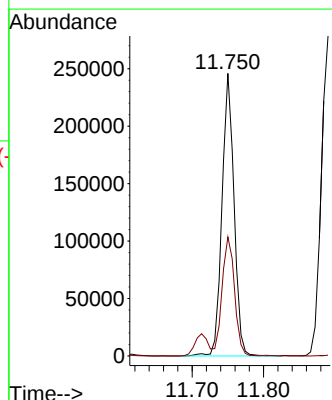
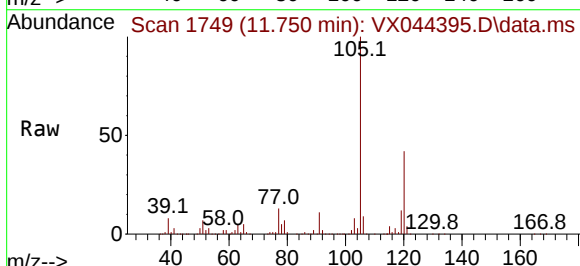
Acq: 18 Dec 2024 19:52

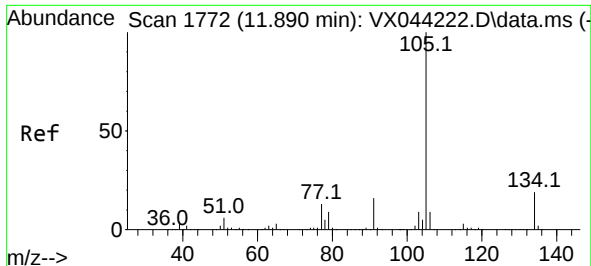
Tgt Ion:105 Resp: 287742

Ion Ratio Lower Upper

105 100

120 43.9 21.7 65.1

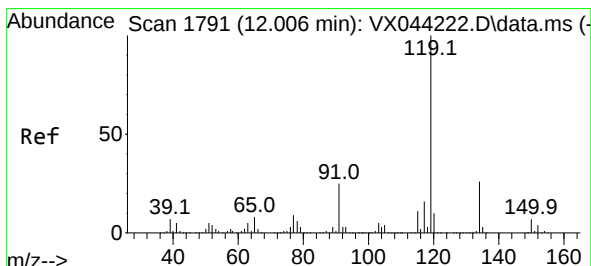
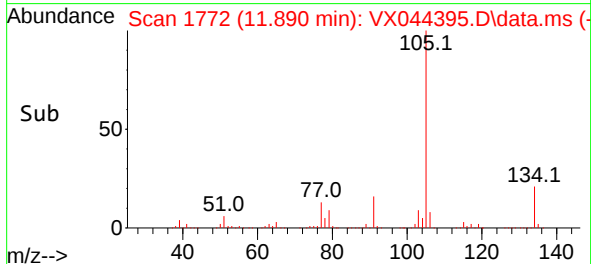
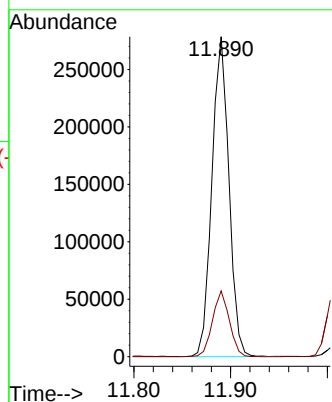
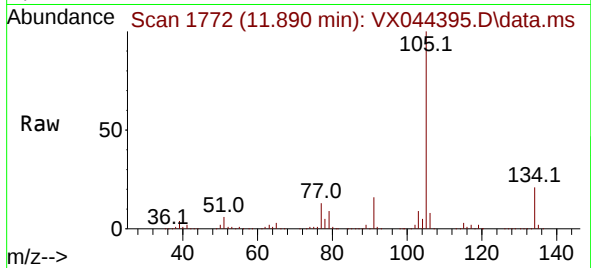




#85
 sec-Butylbenzene
 Concen: 48.287 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

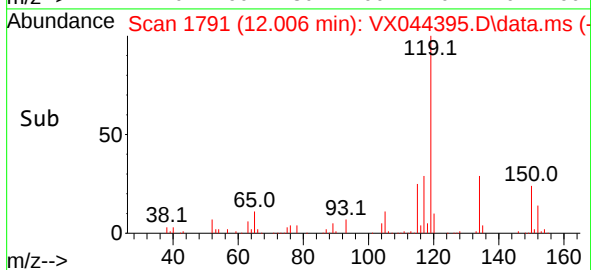
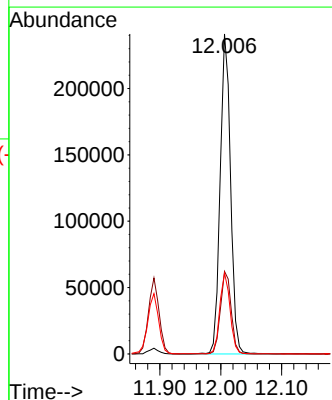
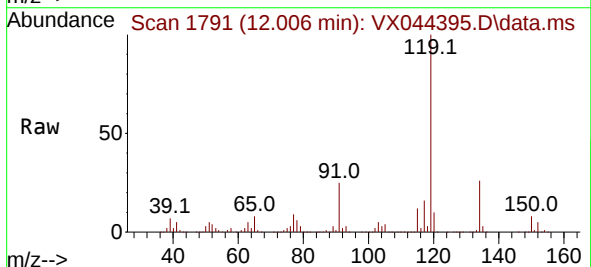
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

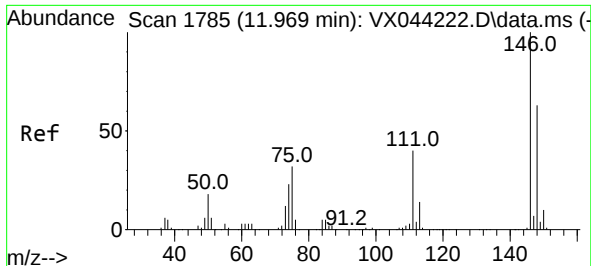
Tgt Ion:105 Resp: 339068
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.641 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

Tgt Ion:119 Resp: 284281
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.4
 91 25.1 13.0 39.0

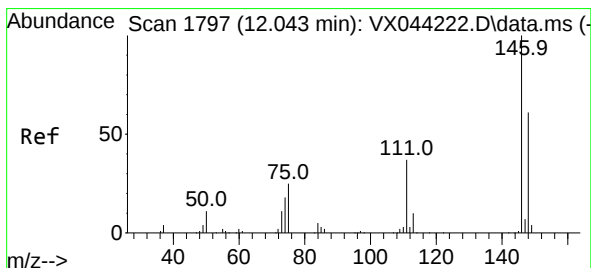
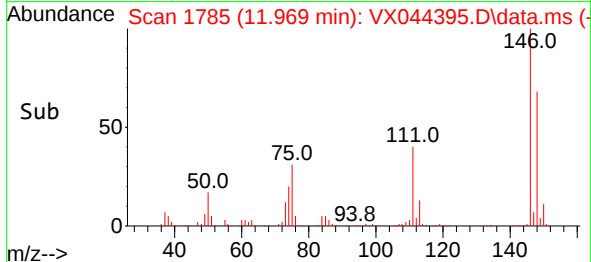
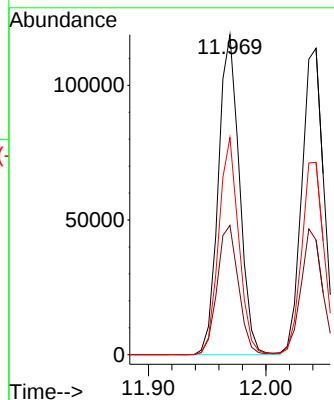
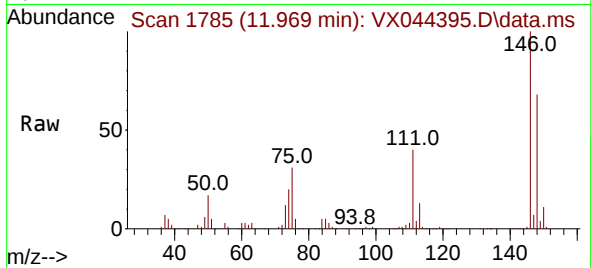




#87
1,3-Dichlorobenzene
Concen: 49.564 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

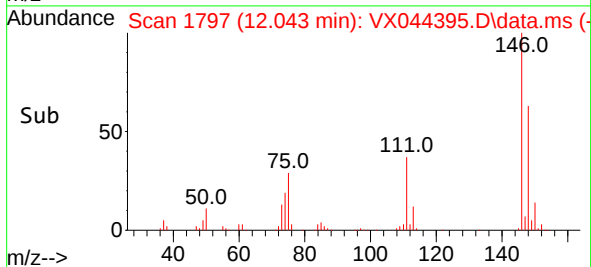
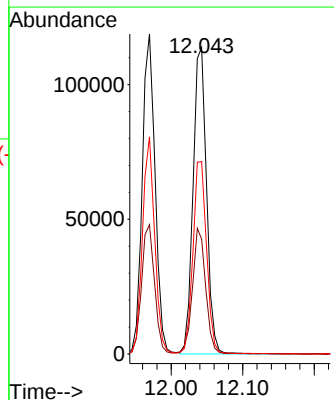
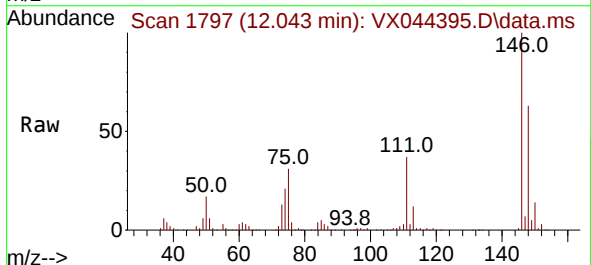
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

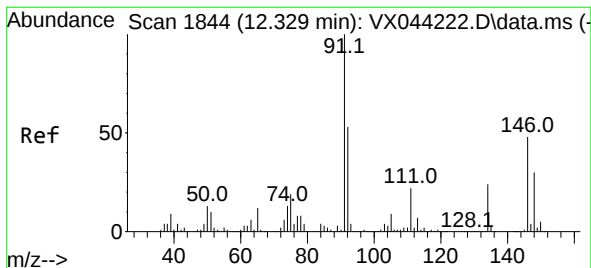
Tgt Ion:146 Resp: 148170
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 64.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 48.473 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:146 Resp: 148965
Ion Ratio Lower Upper
146 100
111 39.9 21.0 63.0
148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 48.803 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

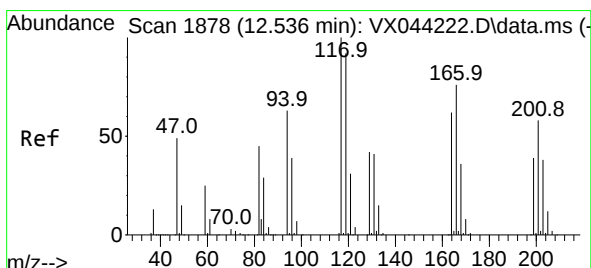
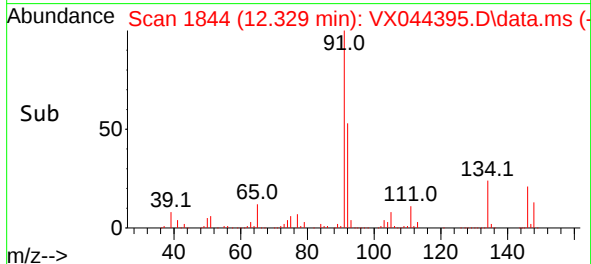
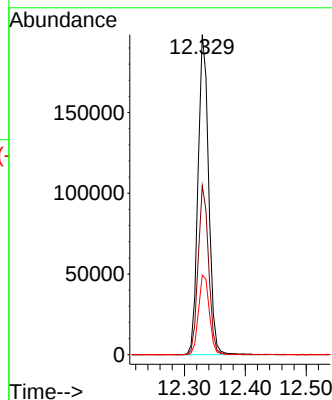
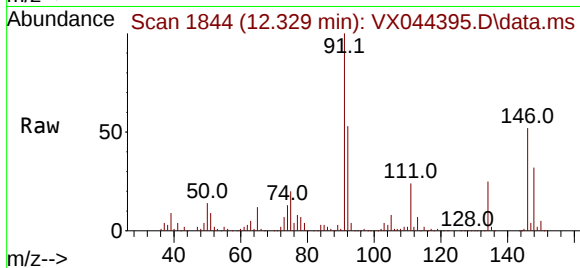
Tgt Ion: 91 Resp: 239841

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 50.075 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044395.D

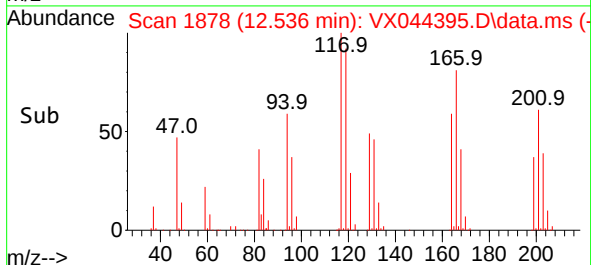
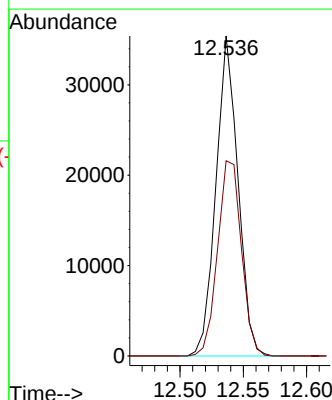
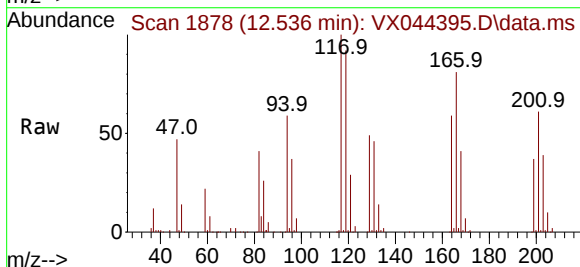
Acq: 18 Dec 2024 19:52

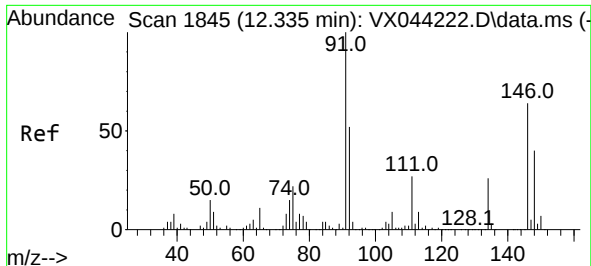
Tgt Ion: 117 Resp: 42721

Ion Ratio Lower Upper

117 100

201 66.2 31.4 94.2

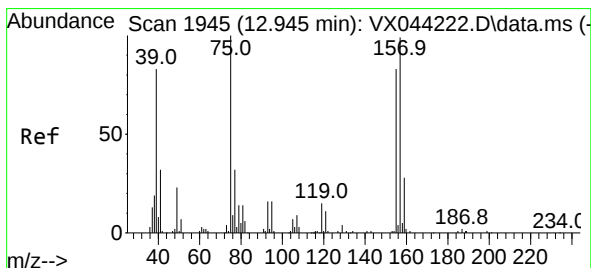
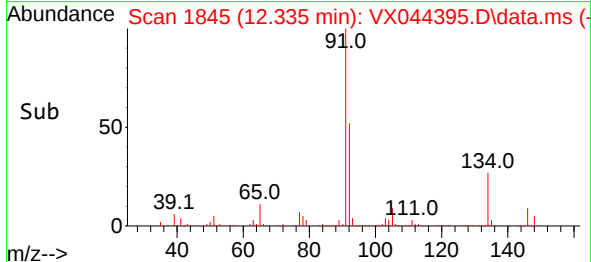
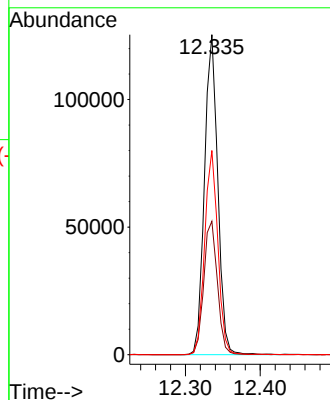
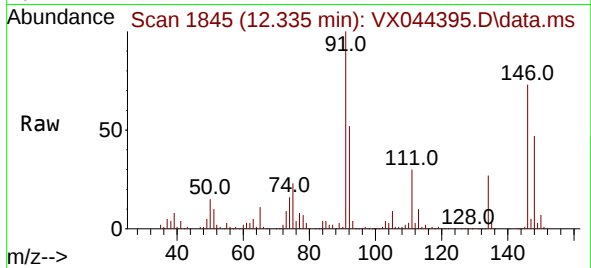




#91
1,2-Dichlorobenzene
Concen: 49.849 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

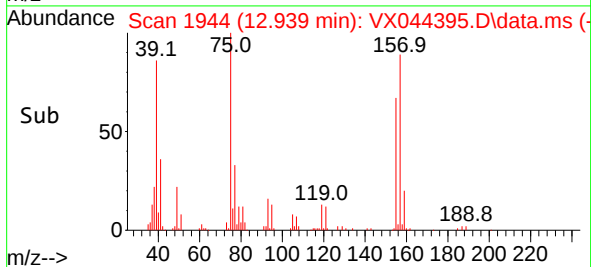
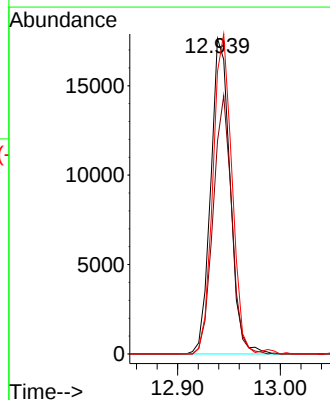
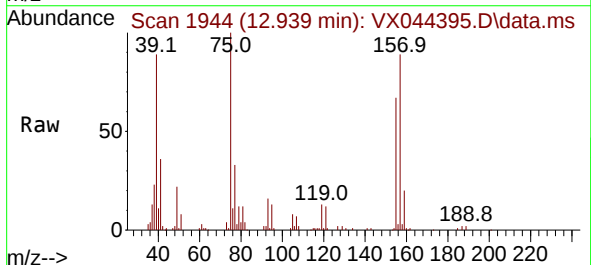
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

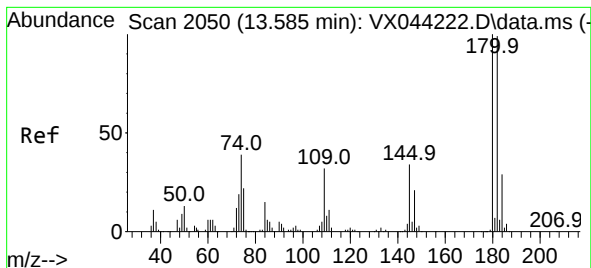
Tgt Ion:146 Resp: 154736
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.3
148 63.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.520 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 75 Resp: 23089
Ion Ratio Lower Upper
75 100
155 78.3 38.1 114.3
157 99.4 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 50.503 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

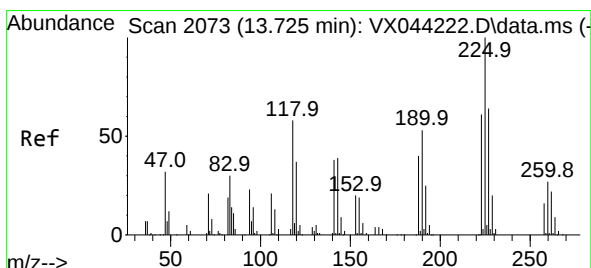
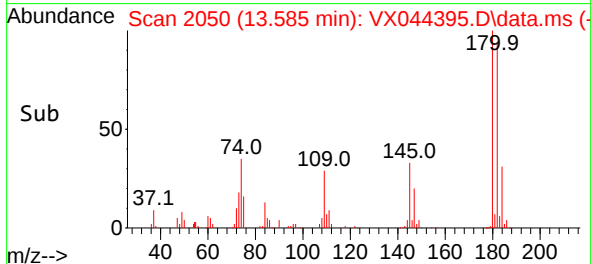
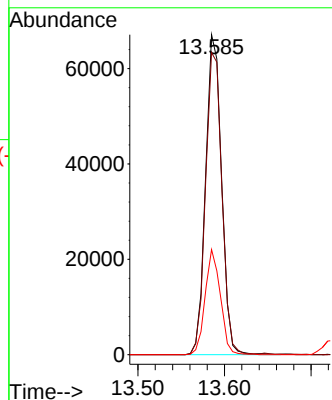
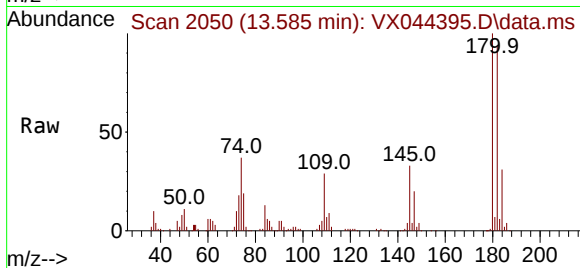
Tgt Ion:180 Resp: 85945

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 31.4 16.6 49.7



#94

Hexachlorobutadiene

Concen: 49.682 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

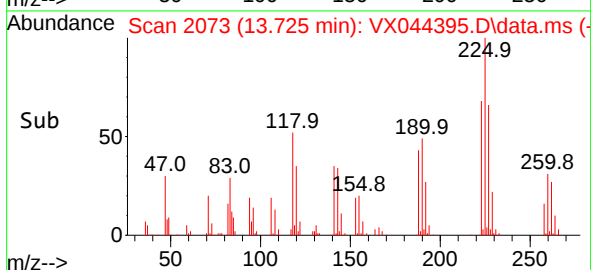
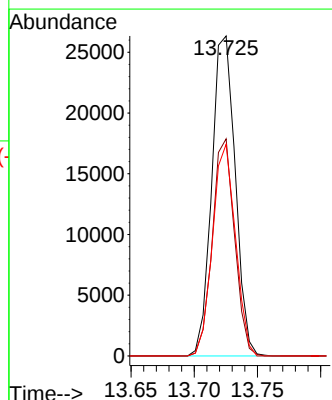
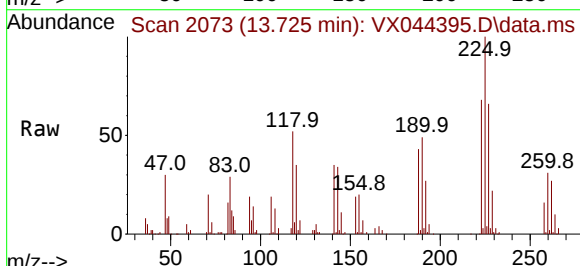
Tgt Ion:225 Resp: 34008

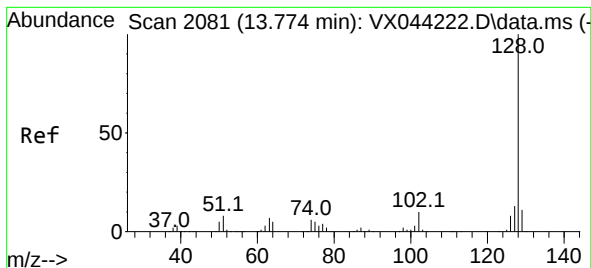
Ion Ratio Lower Upper

225 100

223 64.3 30.8 92.4

227 64.4 32.1 96.3

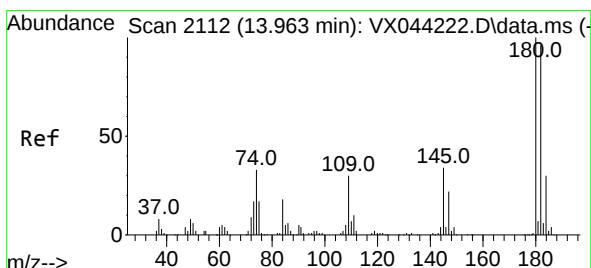
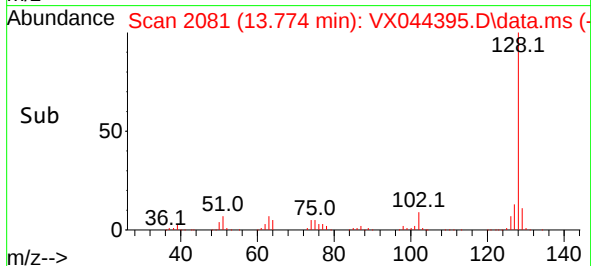
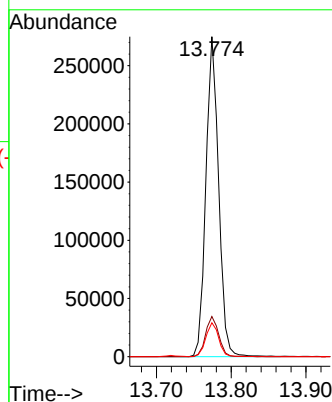
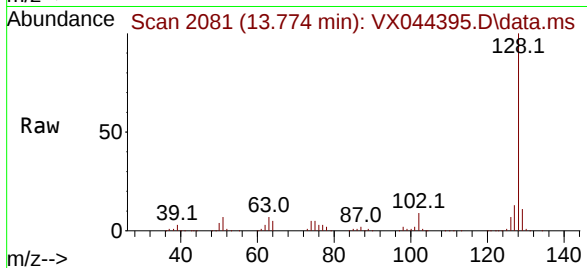




#95
Naphthalene
Concen: 48.907 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 324880
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 50.326 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:180 Resp: 90839
Ion Ratio Lower Upper
180 100
182 93.6 48.0 144.0
145 33.5 17.7 53.1

