

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043919.D
 Acq On : 20 Nov 2024 17:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 05:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	329006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139581	50.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.840%	
35) Dibromofluoromethane	5.379	113	112062	50.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	8.647	98	388623	52.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	11.079	95	138363	56.735	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.460%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	97821	54.175	ug/l 100
3) Chloromethane	1.294	50	117118	51.899	ug/l 100
4) Vinyl Chloride	1.374	62	105013	46.316	ug/l 100
5) Bromomethane	1.593	94	54472	52.889	ug/l 100
6) Chloroethane	1.660	64	48462	44.751	ug/l 100
7) Trichlorofluoromethane	1.867	101	166095	51.383	ug/l 100
8) Diethyl Ether	2.136	74	60939	50.004	ug/l 100
9) 1,1,2-Trichlorotrifluo...	2.313	101	95563	49.955	ug/l 100
10) Methyl Iodide	2.441	142	138833	51.567	ug/l 100
11) Tert butyl alcohol	3.001	59	103853	238.271	ug/l 100
12) 1,1-Dichloroethene	2.306	96	96452	51.949	ug/l 100
13) Acrolein	2.239	56	128101	262.064	ug/l 100
14) Allyl chloride	2.654	41	164457	54.633	ug/l 100
15) Acrylonitrile	3.068	53	289598	258.111	ug/l 100
16) Acetone	2.386	43	269044	244.390	ug/l 100
17) Carbon Disulfide	2.502	76	202560	49.966	ug/l 100
18) Methyl Acetate	2.703	43	148642	49.305	ug/l 100
19) Methyl tert-butyl Ether	3.117	73	355562	51.811	ug/l 100
20) Methylene Chloride	2.782	84	112263	48.718	ug/l 100
21) trans-1,2-Dichloroethene	3.081	96	103671	51.217	ug/l 100
22) Diisopropyl ether	3.763	45	339201	51.577	ug/l 100
23) Vinyl Acetate	3.721	43	1434307	269.070	ug/l 100
24) 1,1-Dichloroethane	3.599	63	198513	51.324	ug/l 100
25) 2-Butanone	4.562	43	400376	259.976	ug/l 100
26) 2,2-Dichloropropane	4.465	77	161541	50.823	ug/l 100
27) cis-1,2-Dichloroethene	4.483	96	128075	50.844	ug/l 100
28) Bromochloromethane	4.891	49	81532	50.096	ug/l 100
29) Tetrahydrofuran	5.007	42	255062	256.307	ug/l 100
30) Chloroform	5.086	83	204563	50.738	ug/l 100
31) Cyclohexane	5.458	56	155950	49.747	ug/l 100
32) 1,1,1-Trichloroethane	5.373	97	178911	51.909	ug/l 100
36) 1,1-Dichloropropene	5.684	75	133979	48.661	ug/l 100
37) Ethyl Acetate	4.715	43	155573	49.723	ug/l 100
38) Carbon Tetrachloride	5.672	117	143859	49.352	ug/l 100
39) Methylcyclohexane	7.373	83	170502	49.467	ug/l 100
40) Benzene	6.031	78	438014	50.600	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	84940	52.601	ug/l	100
42) 1,2-Dichloroethane	6.080	62	156758	49.873	ug/l	100
43) Isopropyl Acetate	6.342	43	243096	49.730	ug/l	100
44) Trichloroethene	7.123	130	106678	44.702	ug/l	100
45) 1,2-Dichloropropane	7.427	63	105780	49.859	ug/l	100
46) Dibromomethane	7.580	93	80013	50.048	ug/l	100
47) Bromodichloromethane	7.818	83	149316	53.157	ug/l	100
48) Methyl methacrylate	7.690	41	118497	48.908	ug/l	100
49) 1,4-Dioxane	7.665	88	37960	737.717	ug/l #	69
51) 4-Methyl-2-Pentanone	8.574	43	780101	255.940	ug/l	100
52) Toluene	8.714	92	267172	53.498	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	154251	54.122	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	166600	51.584	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	106096	54.449	ug/l	100
56) Ethyl methacrylate	9.116	69	173343	56.186	ug/l	100
57) 1,3-Dichloropropane	9.305	76	180019	55.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	423888	261.998	ug/l	100
59) 2-Hexanone	9.433	43	585414	272.220	ug/l	100
60) Dibromochloromethane	9.519	129	108443	57.115	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108541	53.403	ug/l	100
64) Tetrachloroethene	9.269	164	88302	49.827	ug/l	100
65) Chlorobenzene	10.079	112	293825	50.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	99017	51.552	ug/l	100
67) Ethyl Benzene	10.189	91	504988	51.994	ug/l	100
68) m/p-Xylenes	10.299	106	383115	105.904	ug/l	100
69) o-Xylene	10.640	106	188503	53.405	ug/l	100
70) Styrene	10.652	104	320918	55.168	ug/l	100
71) Bromoform	10.799	173	68076	45.447	ug/l	100
73) Isopropylbenzene	10.963	105	481821	50.840	ug/l	100
74) N-amyl acetate	10.841	43	214398	44.541	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	163064	50.890	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	181616	67.028	ug/l	82
77) Bromobenzene	11.195	156	117481	50.580	ug/l	100
78) n-propylbenzene	11.305	91	548498	52.453	ug/l	100
79) 2-Chlorotoluene	11.360	91	340169	51.125	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	404685	51.516	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	49982	46.944	ug/l	100
82) 4-Chlorotoluene	11.451	91	390578	50.971	ug/l	100
83) tert-Butylbenzene	11.713	119	408010	50.775	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	413739	51.862	ug/l	100
85) sec-Butylbenzene	11.890	105	492829	51.358	ug/l	100
86) p-Isopropyltoluene	12.006	119	418078	51.887	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	215552	50.075	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	212837	48.228	ug/l	100
89) n-Butylbenzene	12.329	91	348371	50.741	ug/l	100
90) Hexachloroethane	12.536	117	65522	42.114	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	218457	48.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32857	42.142	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	130301	49.471	ug/l	100
94) Hexachlorobutadiene	13.725	225	49550	45.905	ug/l	100
95) Naphthalene	13.774	128	496499	50.556	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136738	49.827	ug/l	100

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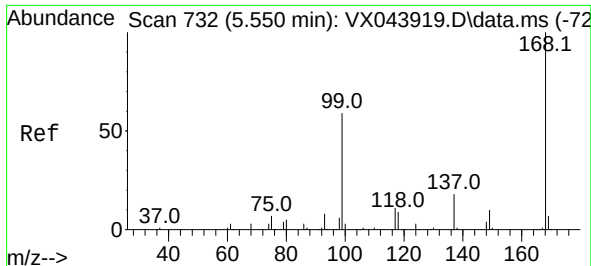
Quant Time: Nov 21 05:49:09 2024
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QLast Update : Thu Nov 21 05:45:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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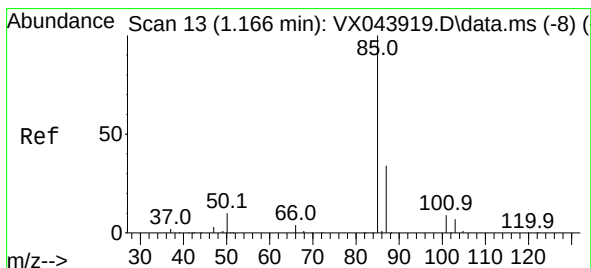
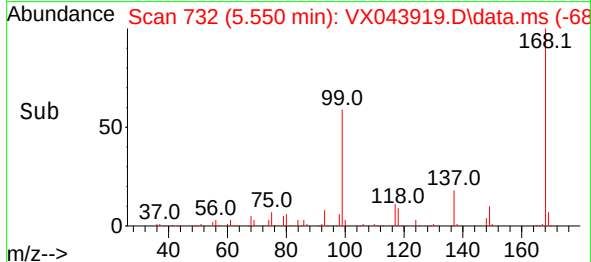
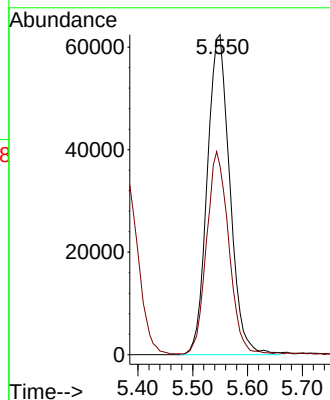
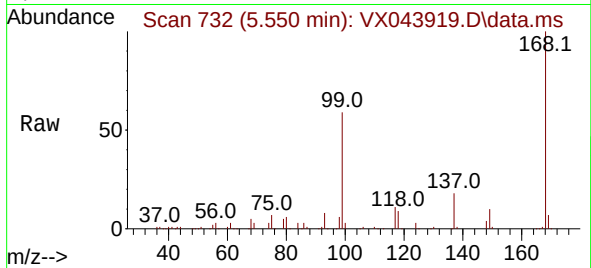




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

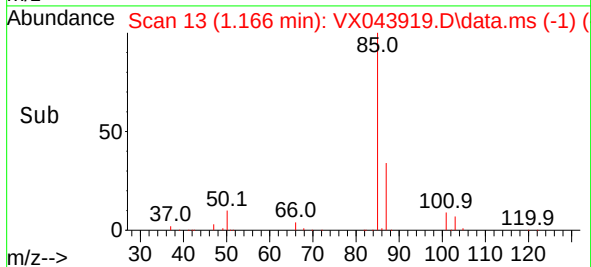
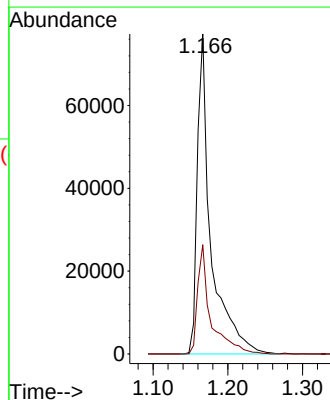
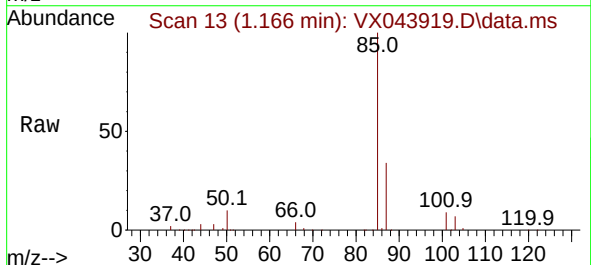
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

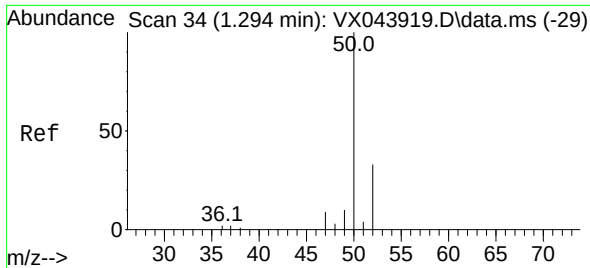
Tgt Ion:168 Resp: 178446
Ion Ratio Lower Upper
168 100
99 58.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 54.175 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 85 Resp: 97821
Ion Ratio Lower Upper
85 100
87 34.1 17.1 51.2

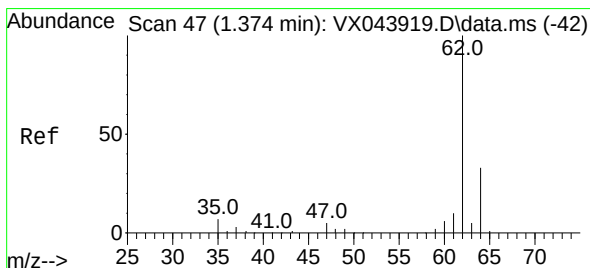
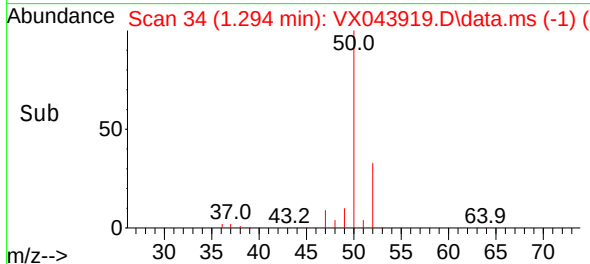
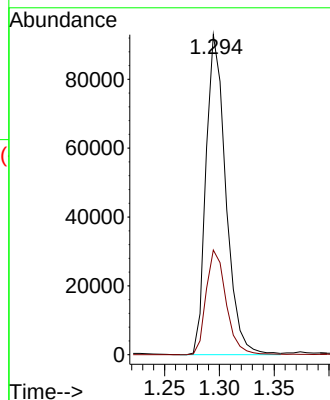
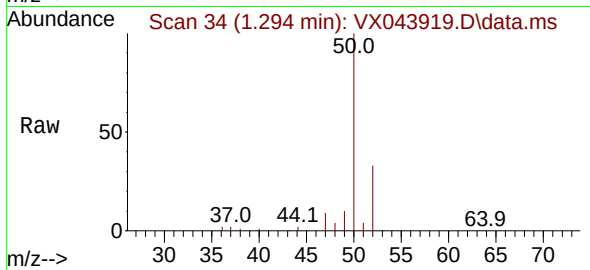




#3
Chloromethane
Concen: 51.899 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

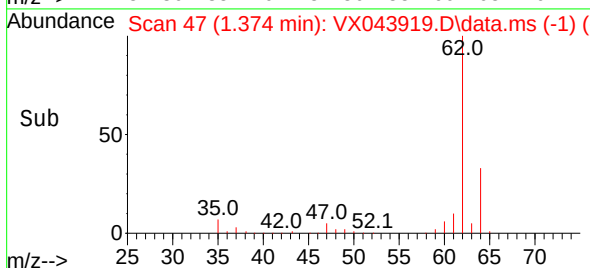
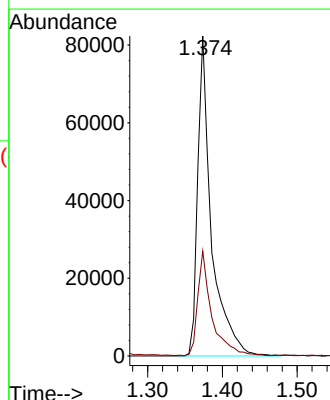
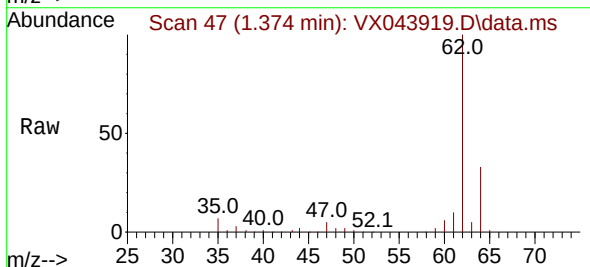
Instrument :
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ClientSampleId :
VSTDIC050

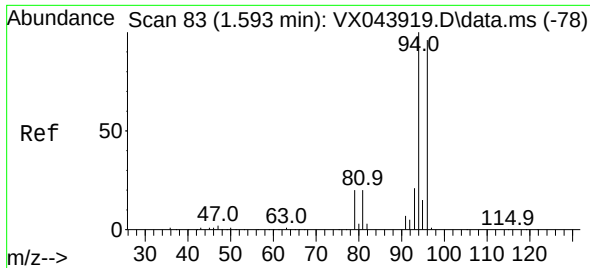
Tgt Ion: 50 Resp: 117118
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 46.316 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 62 Resp: 105013
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

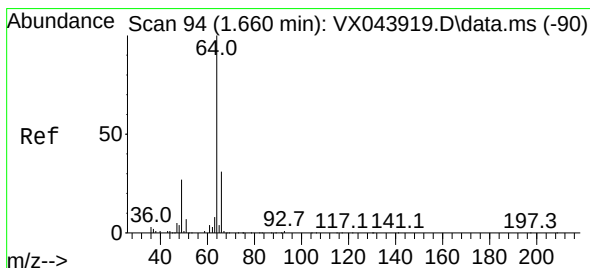
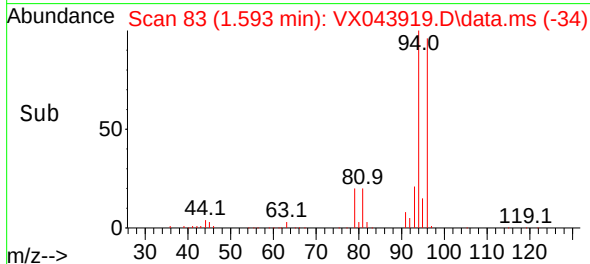
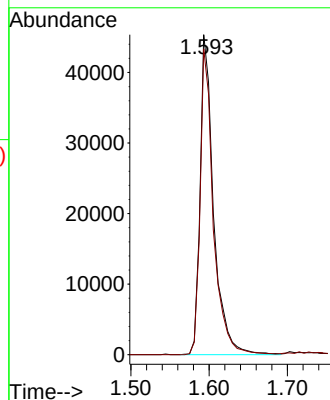
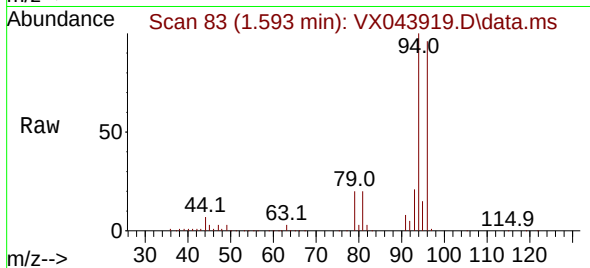




#5
Bromomethane
Concen: 52.889 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

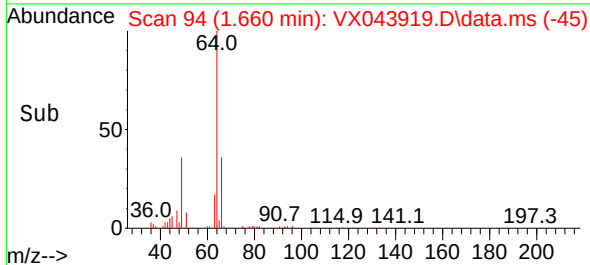
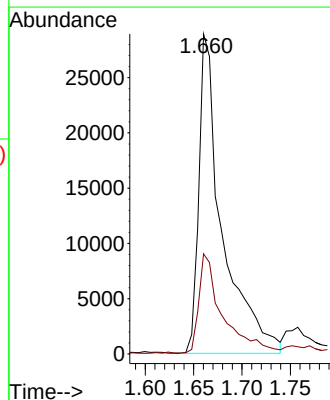
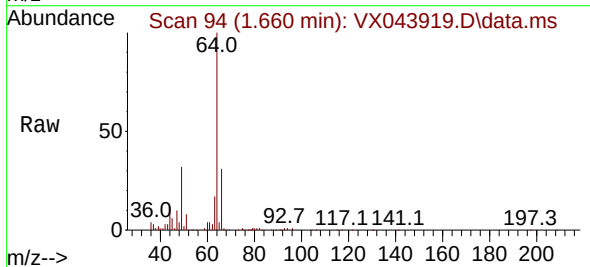
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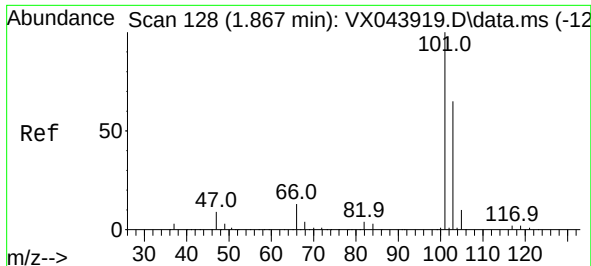
Tgt Ion: 94 Resp: 54472
Ion Ratio Lower Upper
94 100
96 95.6 76.5 114.7



#6
Chloroethane
Concen: 44.751 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 64 Resp: 48462
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

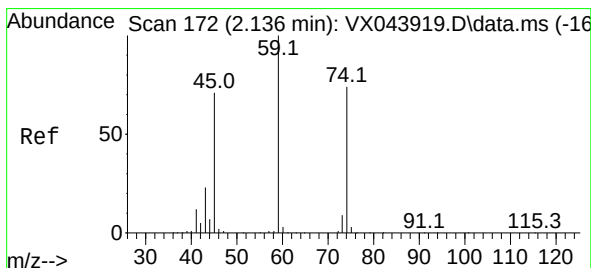
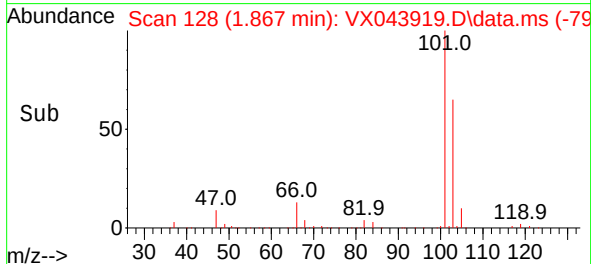
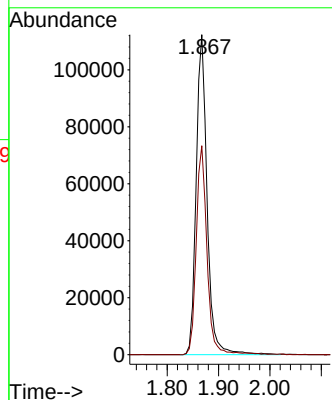
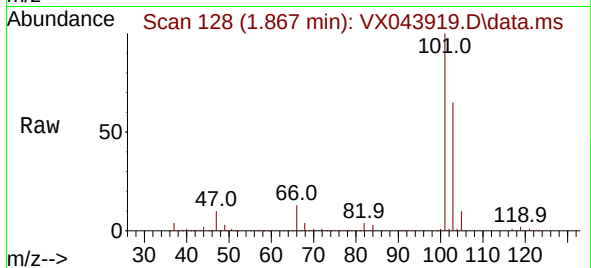




#7
Trichlorofluoromethane
Concen: 51.383 ug/l
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX043919.D
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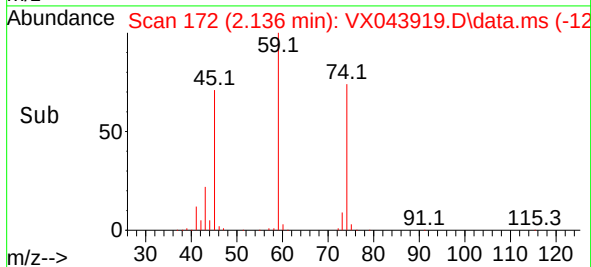
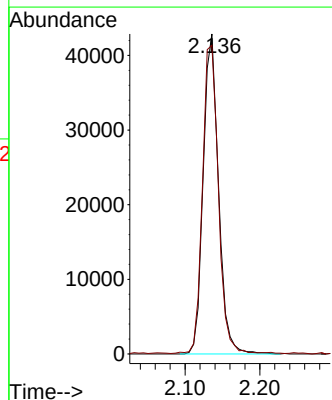
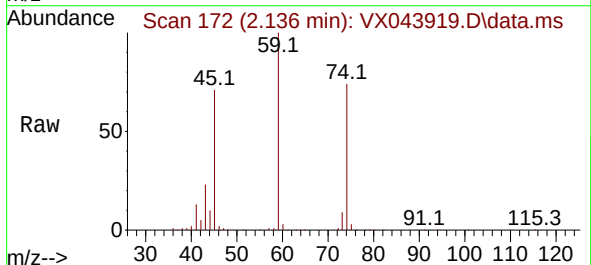
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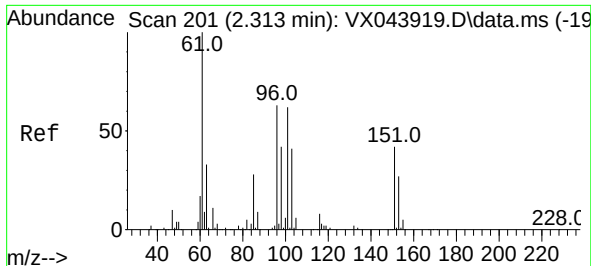
Tgt Ion:101 Resp: 166095
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4



#8
Diethyl Ether
Concen: 50.004 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 74 Resp: 60939
Ion Ratio Lower Upper
74 100
45 99.7 49.9 149.6

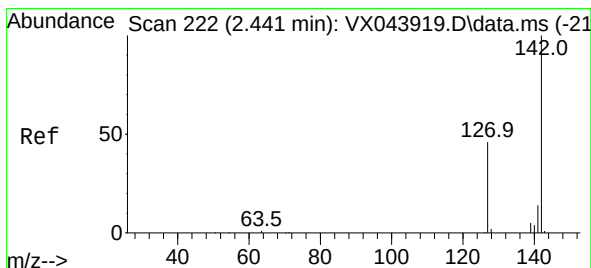
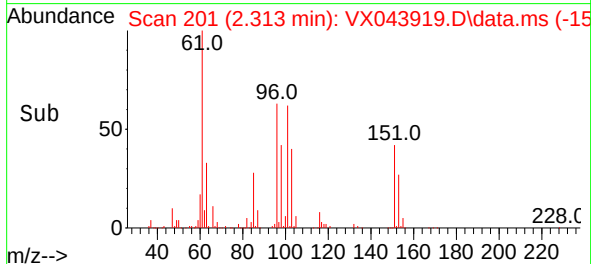
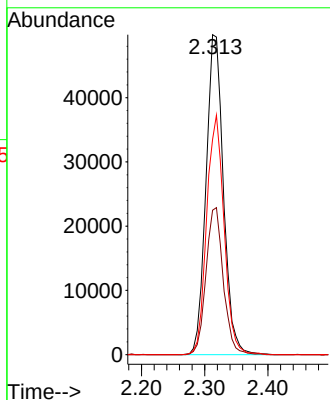
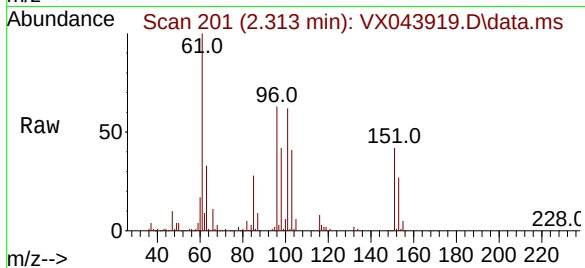




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.955 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
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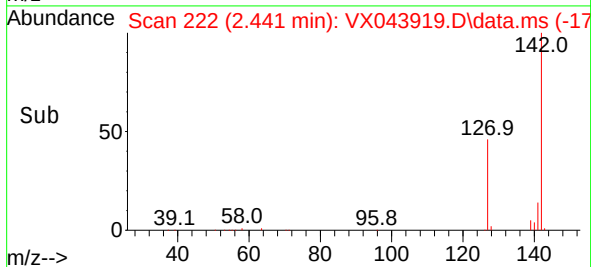
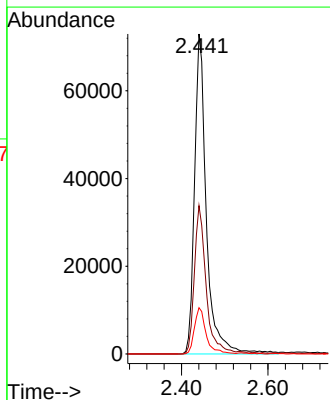
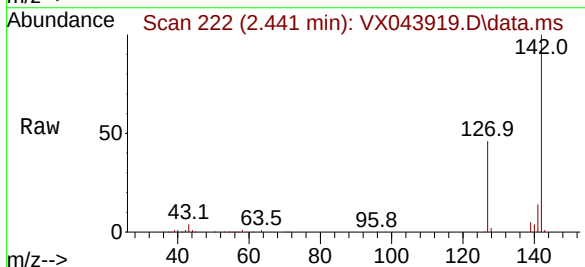
Instrument :
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ClientSampleId :
VSTDIC050

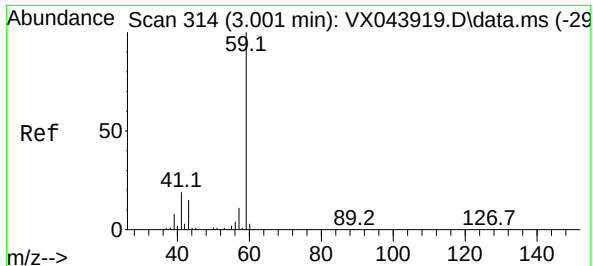
Tgt Ion:101 Resp: 95563
Ion Ratio Lower Upper
101 100
85 45.7 36.6 54.8
151 74.7 59.8 89.6



#10
Methyl Iodide
Concen: 51.567 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:142 Resp: 138833
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 238.271 ug/l

RT: 3.001 min Scan# 314

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

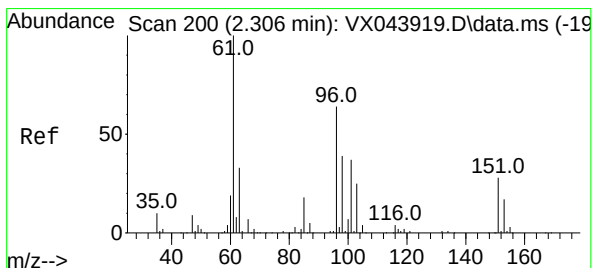
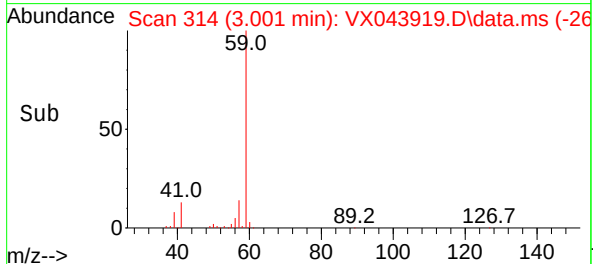
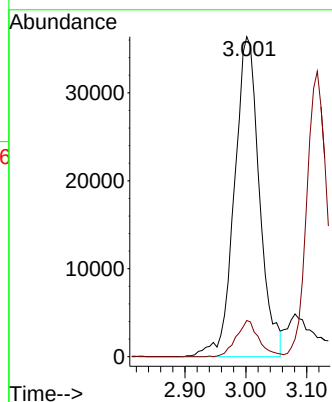
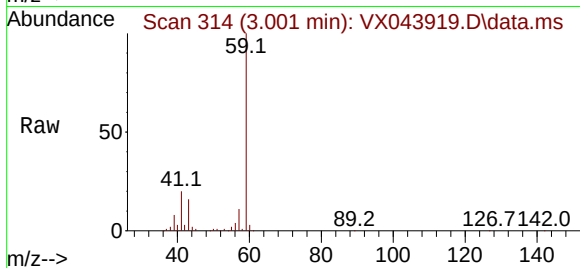
VSTDIC050

Tgt Ion: 59 Resp: 103853

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 51.949 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

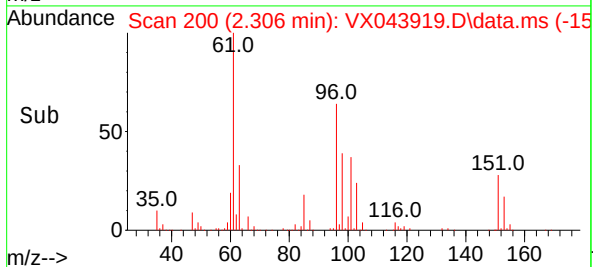
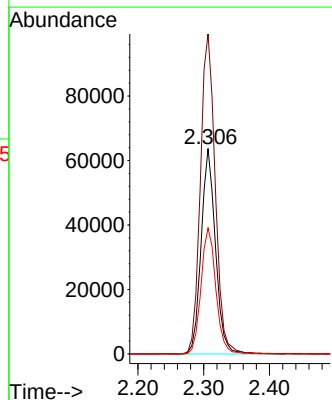
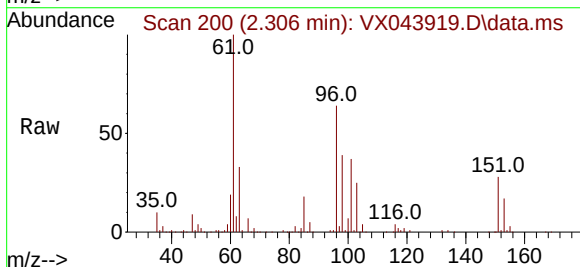
Tgt Ion: 96 Resp: 96452

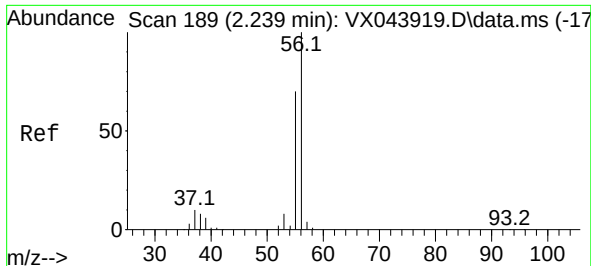
Ion Ratio Lower Upper

96 100

61 155.8 124.6 187.0

98 61.3 49.0 73.6

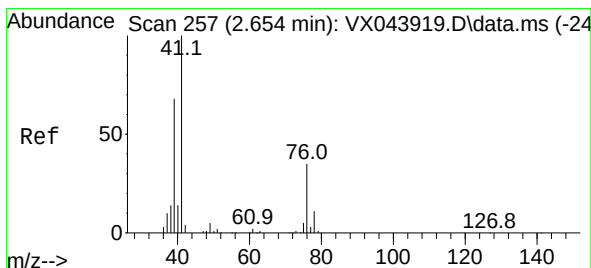
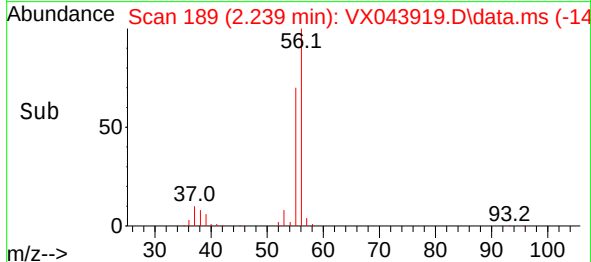
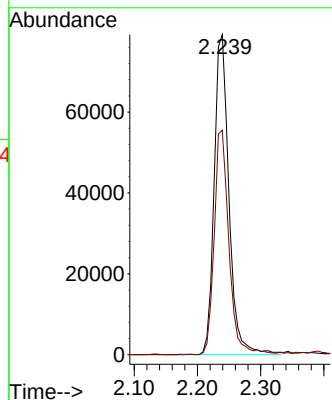
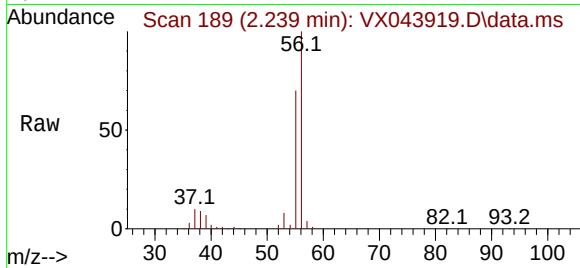




#13
Acrolein
Concen: 262.064 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

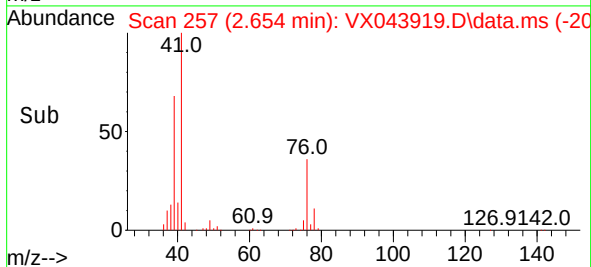
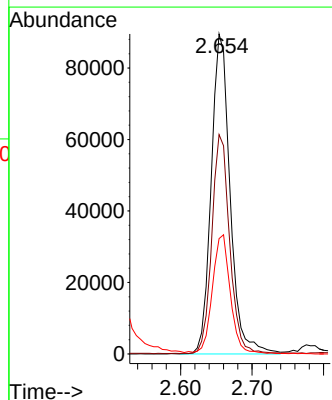
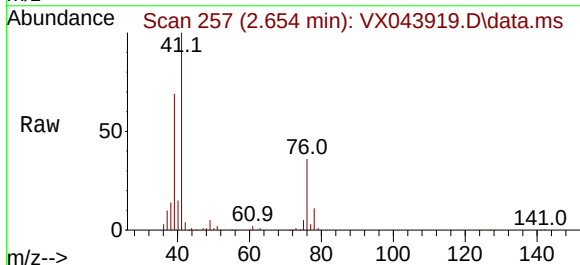
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

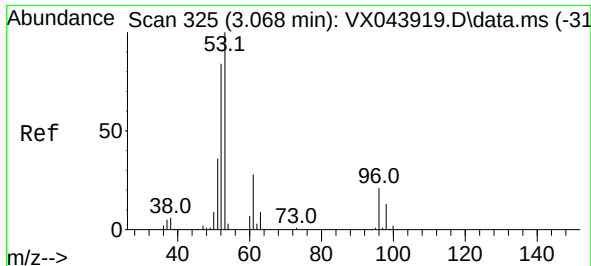
Tgt Ion: 56 Resp: 128101
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 54.633 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 41 Resp: 164457
Ion Ratio Lower Upper
41 100
39 64.6 51.7 77.5
76 35.2 28.2 42.2





#15

Acrylonitrile

Concen: 258.111 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

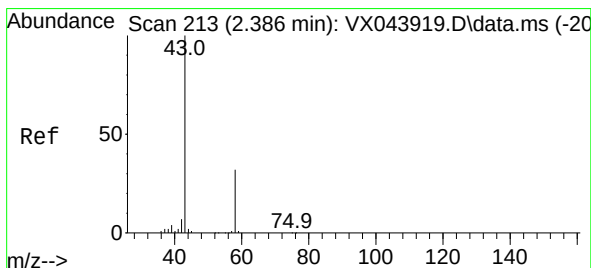
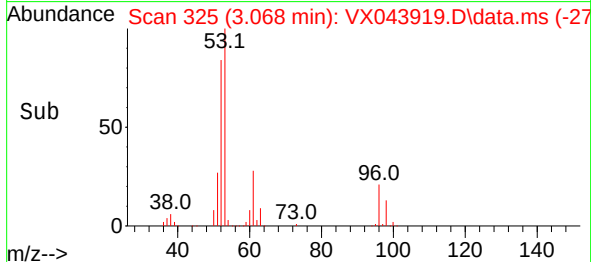
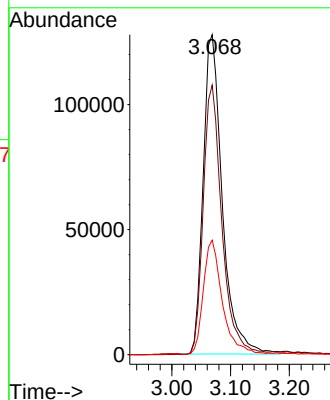
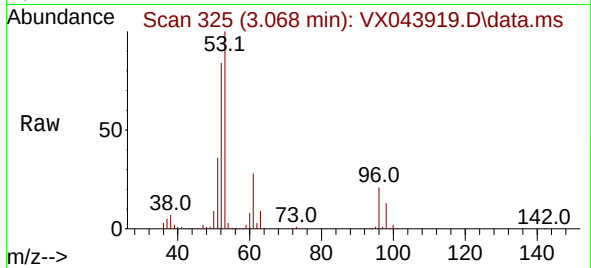
Tgt Ion: 53 Resp: 289598

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 35.7 28.6 42.8



#16

Acetone

Concen: 244.390 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043919.D

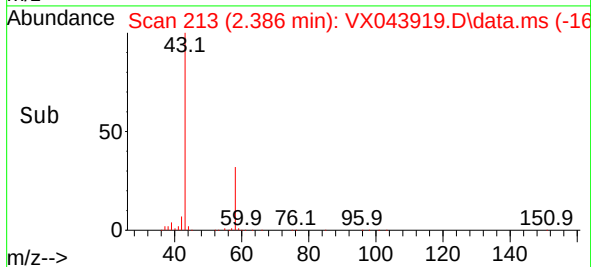
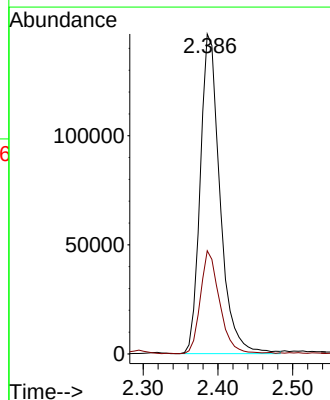
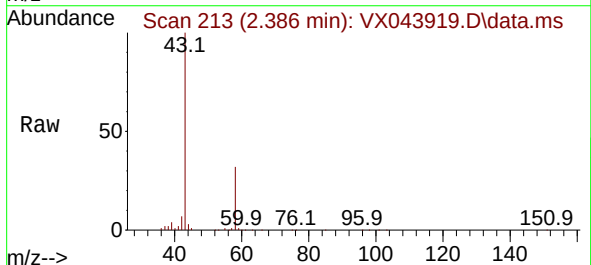
Acq: 20 Nov 2024 17:43

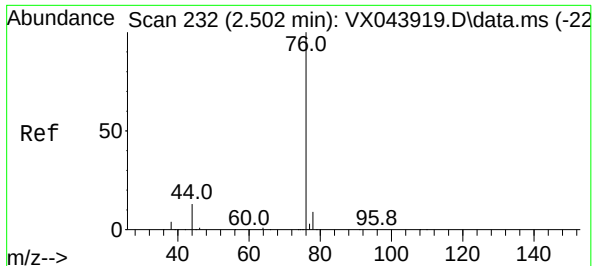
Tgt Ion: 43 Resp: 269044

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.6

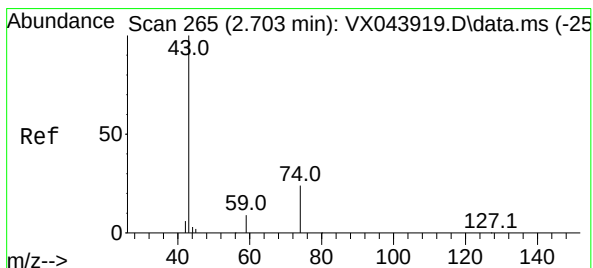
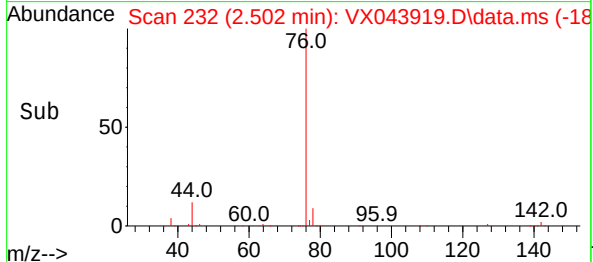
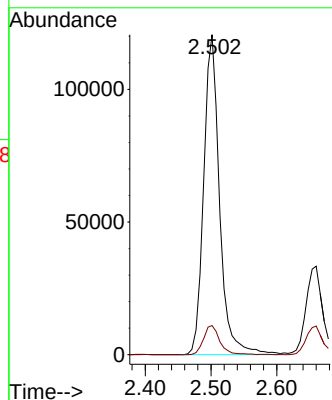
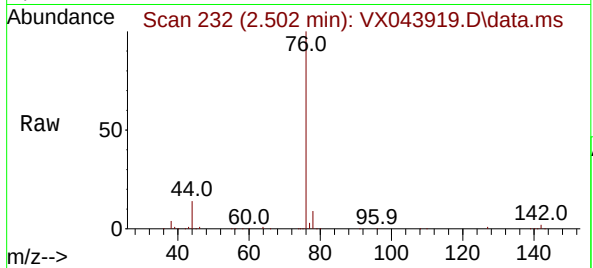




#17
Carbon Disulfide
Concen: 49.966 ug/l
RT: 2.502 min Scan# 241
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

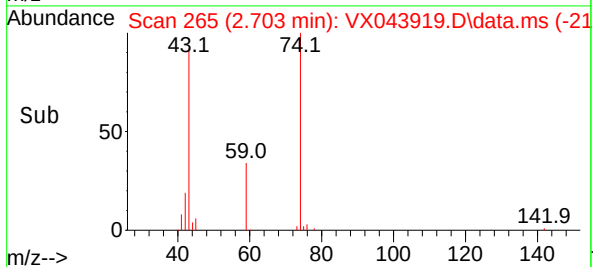
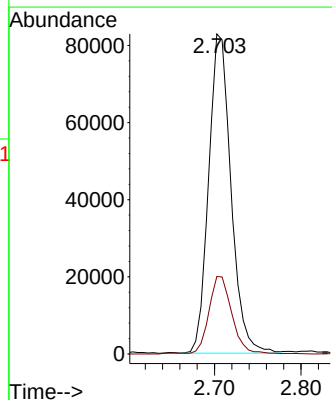
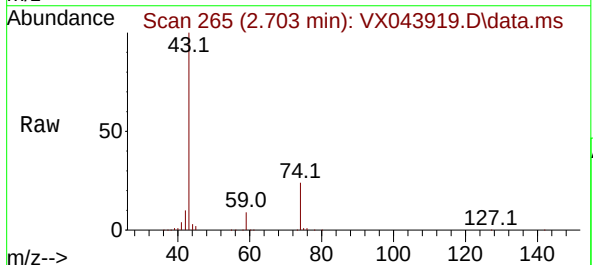
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

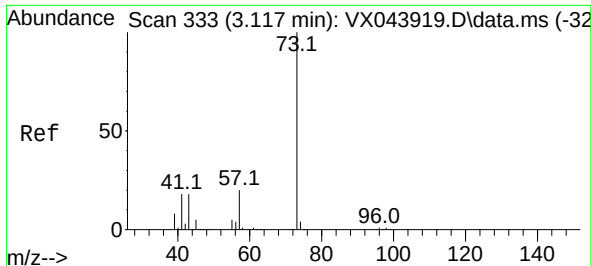
Tgt Ion: 76 Resp: 202560
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 49.305 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 43 Resp: 148642
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 51.811 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

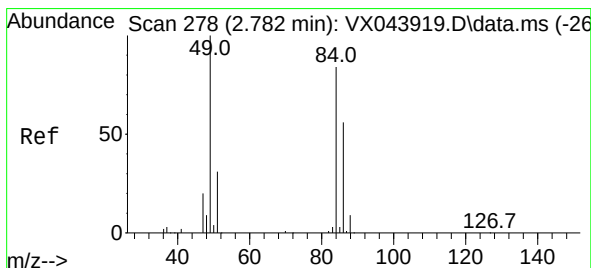
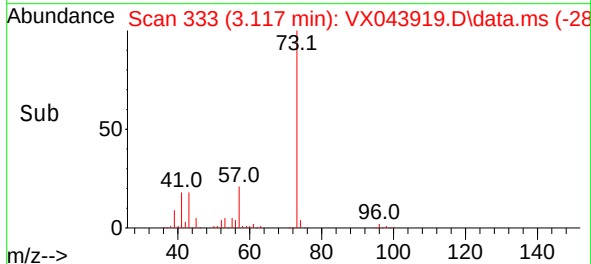
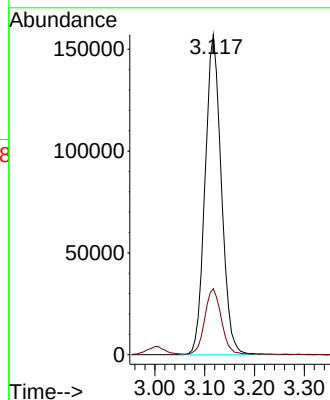
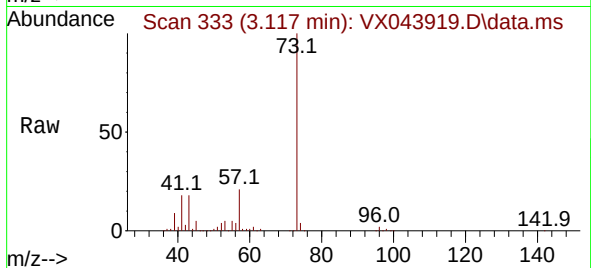
VSTDIC050

Tgt Ion: 73 Resp: 355562

Ion Ratio Lower Upper

73 100

57 20.5 16.4 24.6



#20

Methylene Chloride

Concen: 48.718 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Tgt Ion: 84 Resp: 112263

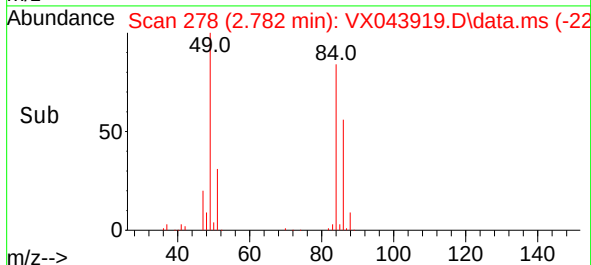
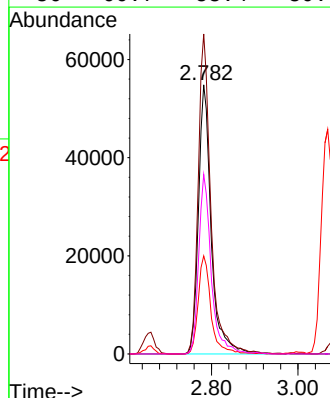
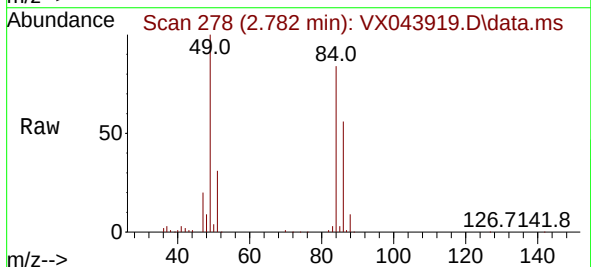
Ion Ratio Lower Upper

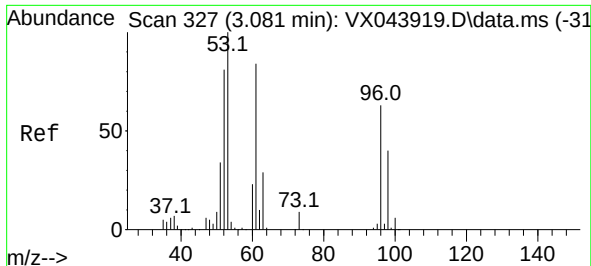
84 100

49 118.9 95.1 142.7

51 36.5 29.2 43.8

86 66.7 53.4 80.0

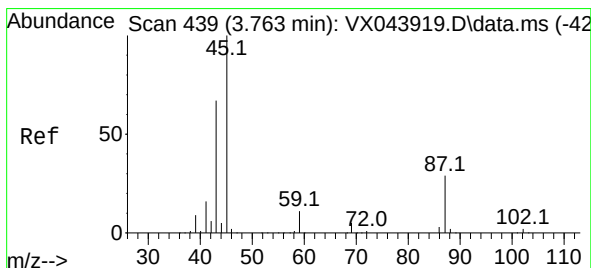
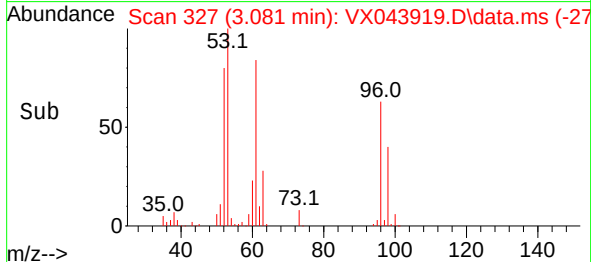
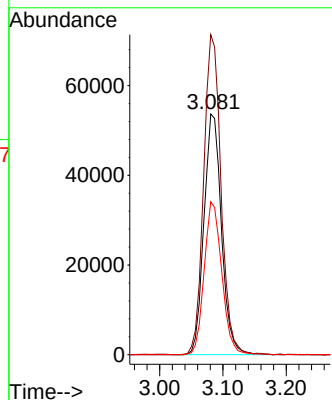
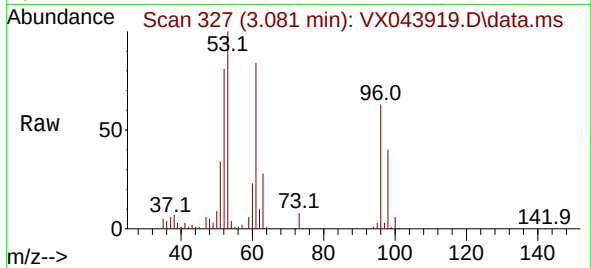




#21
trans-1,2-Dichloroethene
Concen: 51.217 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

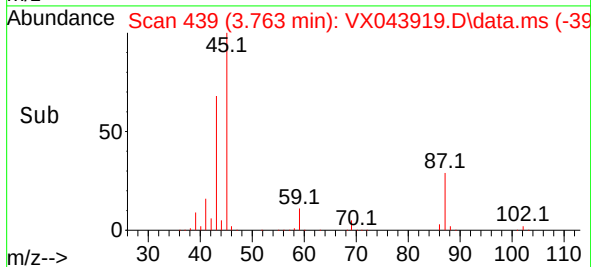
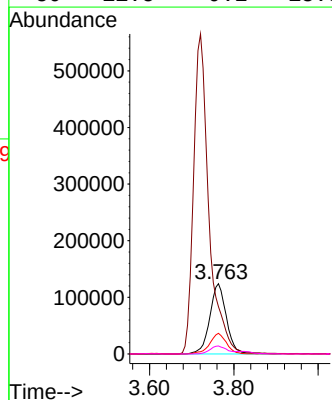
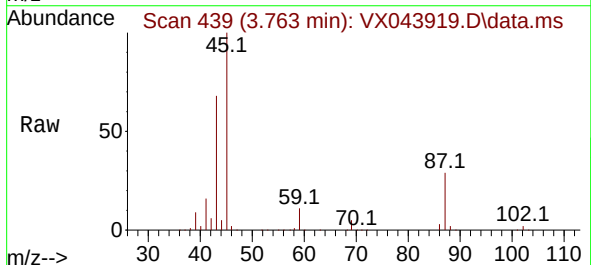
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

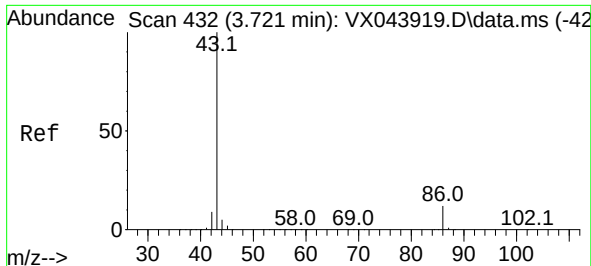
Tgt Ion: 96 Resp: 103671
Ion Ratio Lower Upper
96 100
61 133.0 106.4 159.6
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 51.577 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 45 Resp: 339201
Ion Ratio Lower Upper
45 100
43 67.2 53.8 80.6
87 29.3 23.4 35.2
59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 269.070 ug/l

RT: 3.721 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

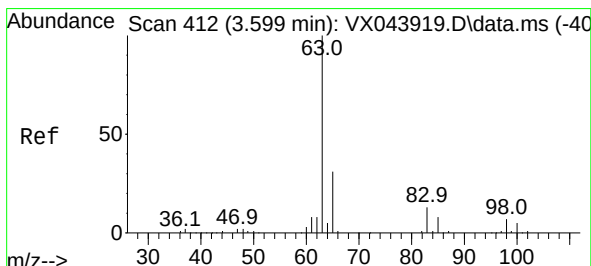
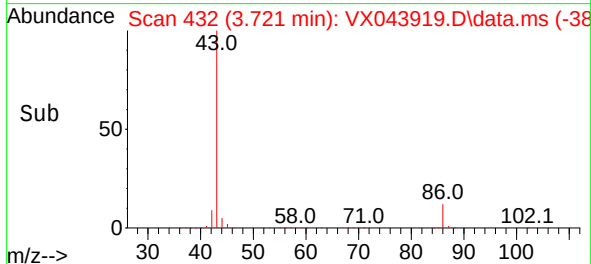
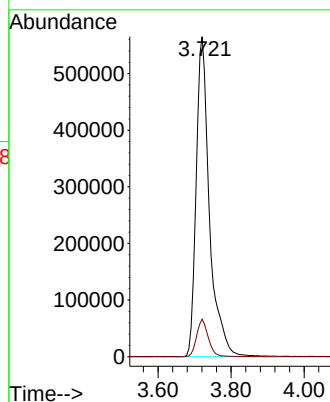
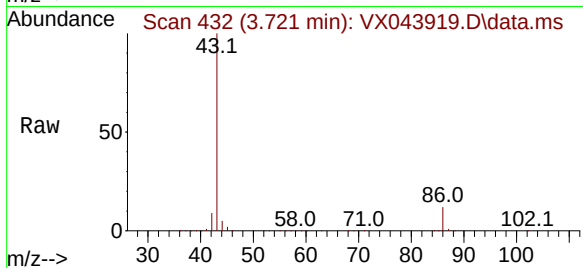
VSTDIC050

Tgt Ion: 43 Resp: 1434307

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



#24

1,1-Dichloroethane

Concen: 51.324 ug/l

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

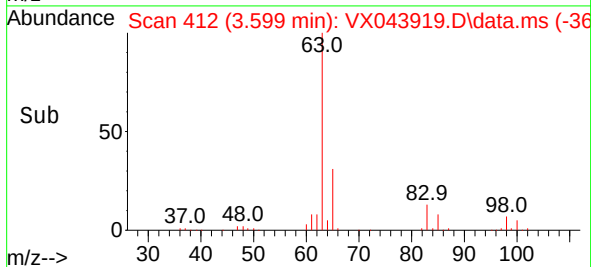
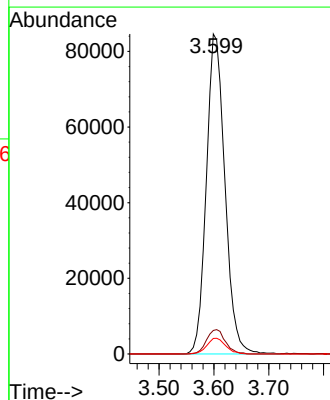
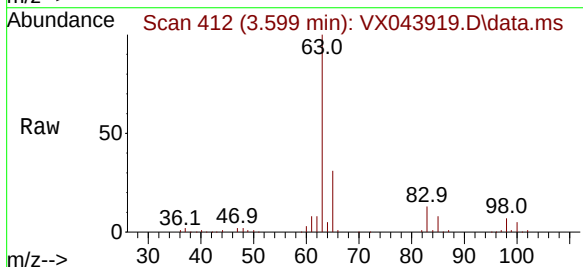
Tgt Ion: 63 Resp: 198513

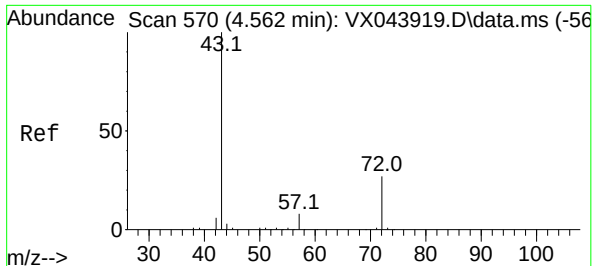
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 259.976 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

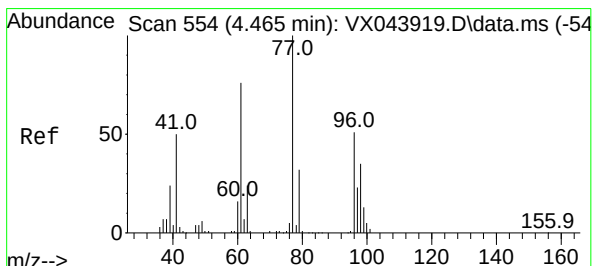
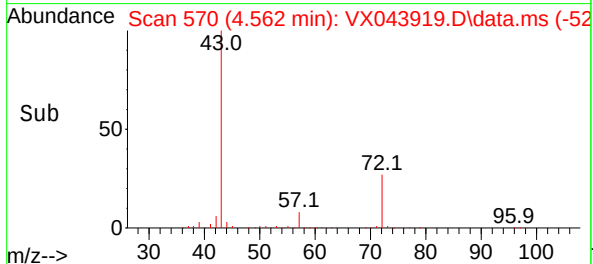
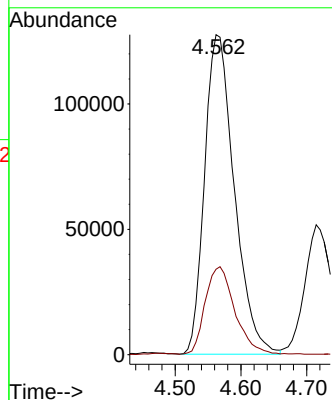
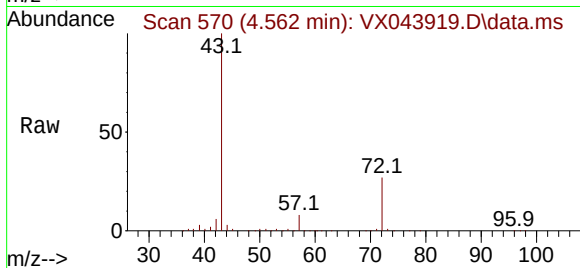
VSTDIC050

Tgt Ion: 43 Resp: 400376

Ion Ratio Lower Upper

43 100

72 26.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 50.823 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX043919.D

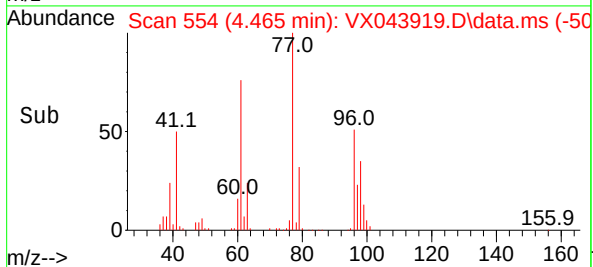
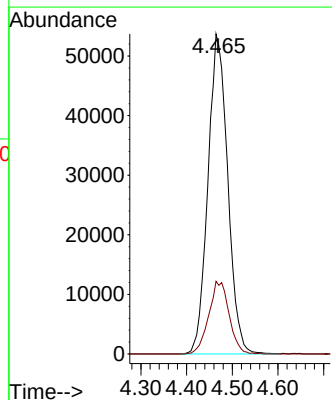
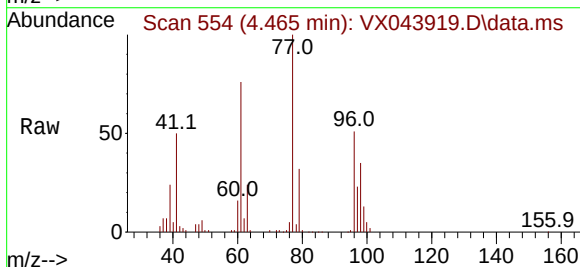
Acq: 20 Nov 2024 17:43

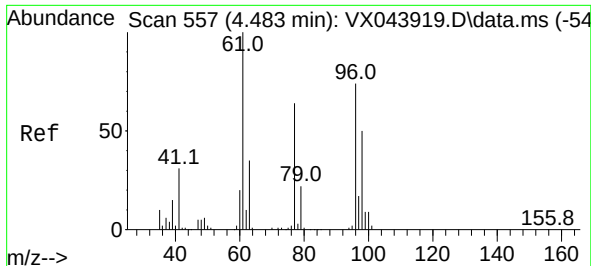
Tgt Ion: 77 Resp: 161541

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.844 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

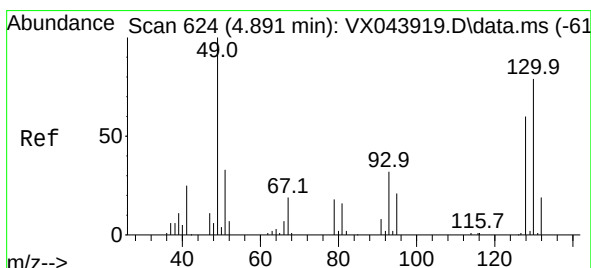
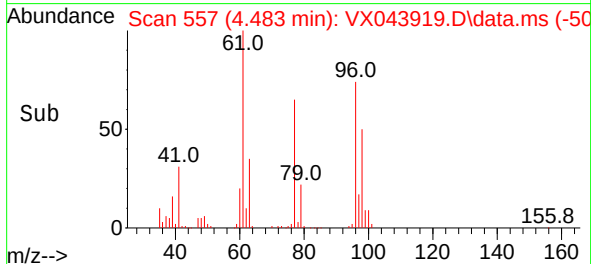
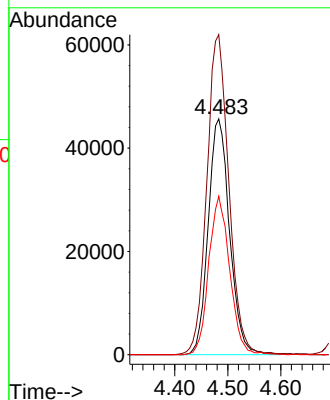
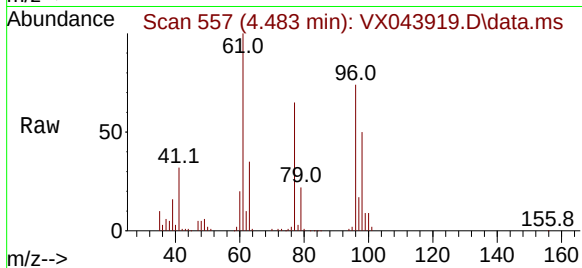
Tgt Ion: 96 Resp: 128075

Ion Ratio Lower Upper

96 100

61 139.7 0.0 279.4

98 65.8 0.0 131.6



#28

Bromochloromethane

Concen: 50.096 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

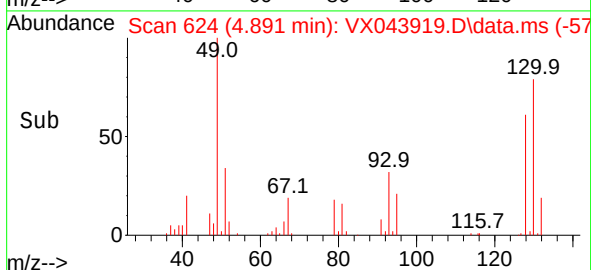
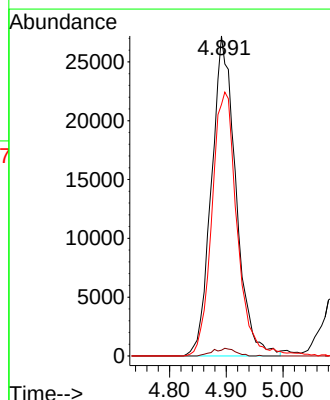
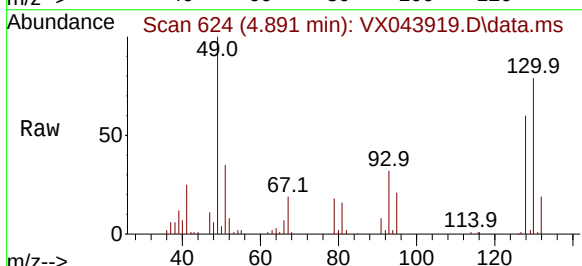
Tgt Ion: 49 Resp: 81532

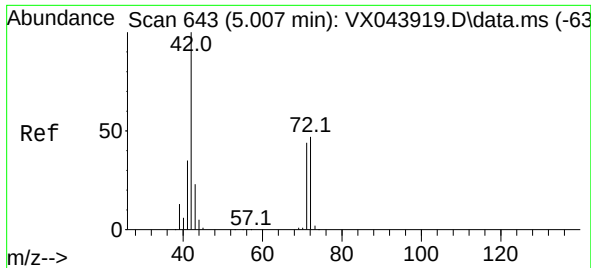
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 85.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 256.307 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

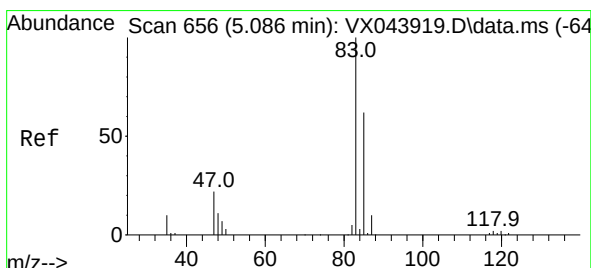
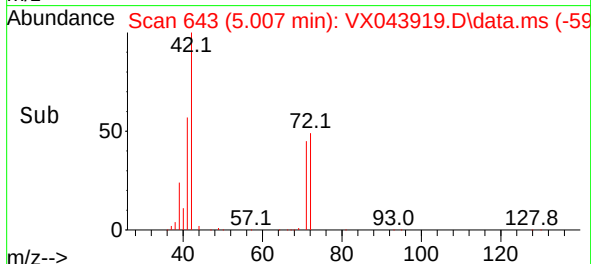
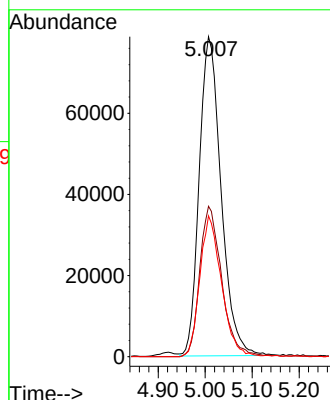
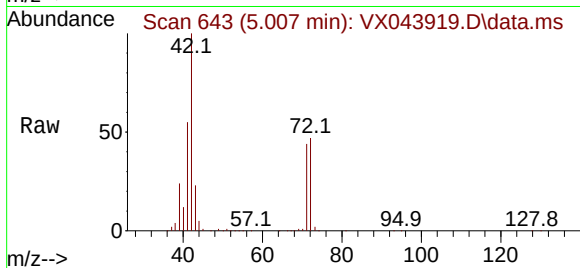
Tgt Ion: 42 Resp: 255062

Ion Ratio Lower Upper

42 100

72 47.4 37.9 56.9

71 43.5 34.8 52.2



#30

Chloroform

Concen: 50.738 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX043919.D

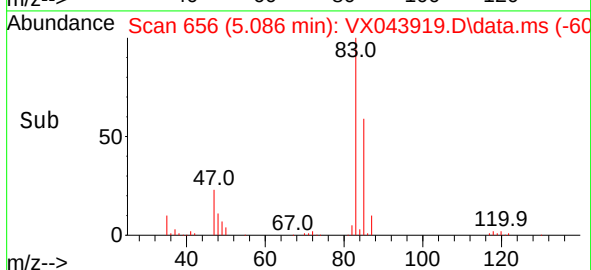
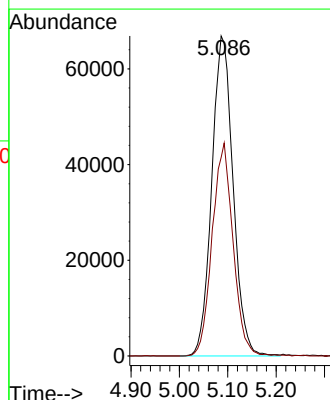
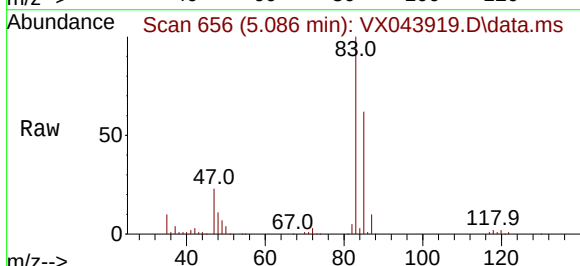
Acq: 20 Nov 2024 17:43

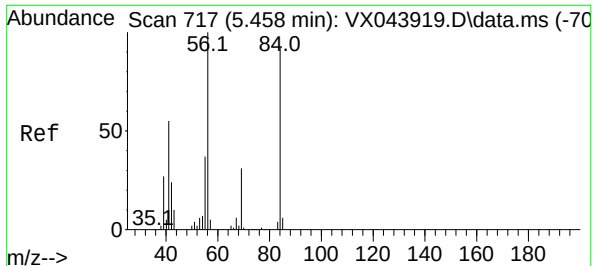
Tgt Ion: 83 Resp: 204563

Ion Ratio Lower Upper

83 100

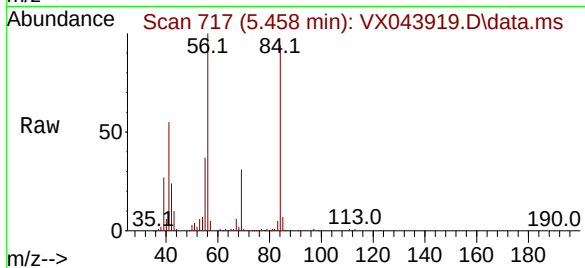
85 62.1 49.7 74.5



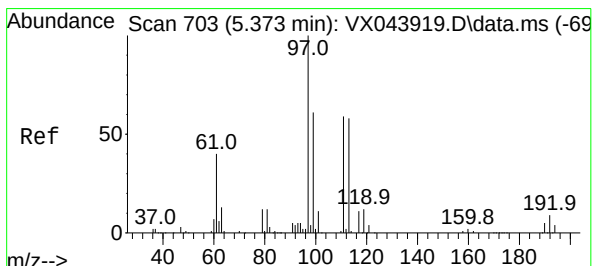
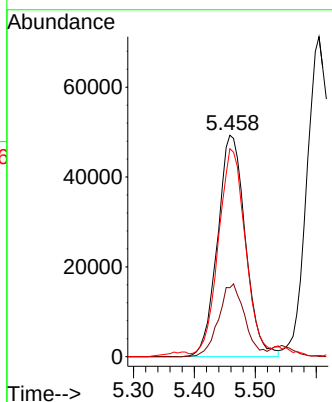
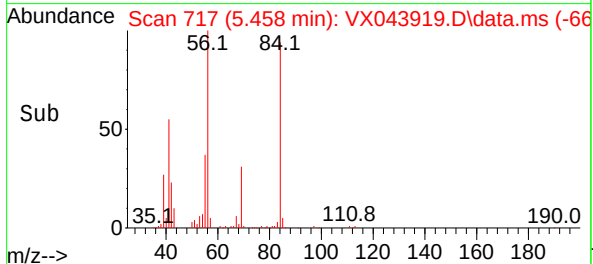


#31
Cyclohexane
Concen: 49.747 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

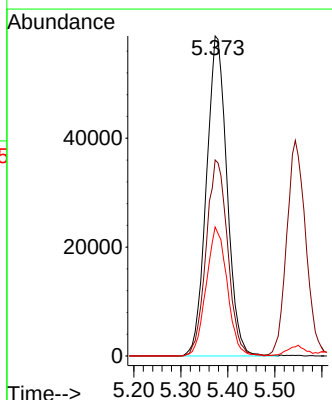
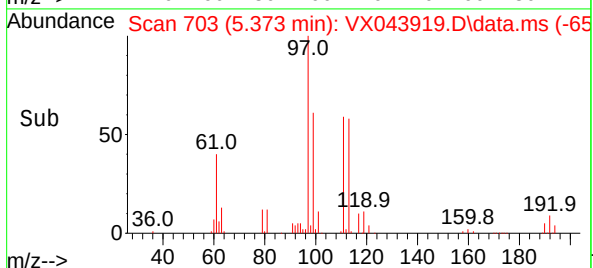
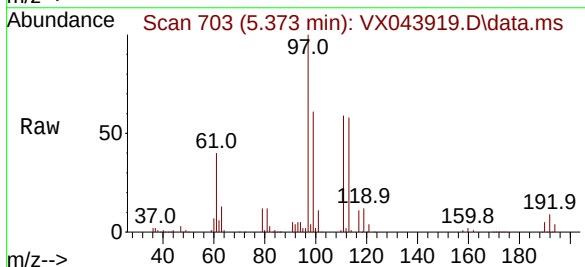


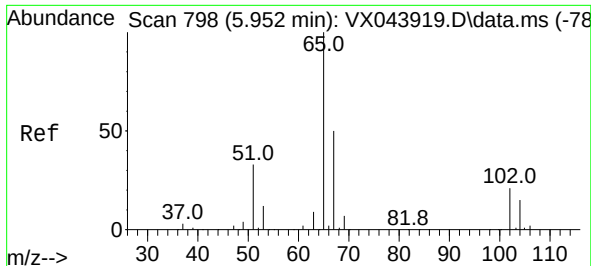
Tgt Ion: 56 Resp: 155950
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 92.2 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 51.909 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 97 Resp: 178911
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 41.1 32.9 49.3

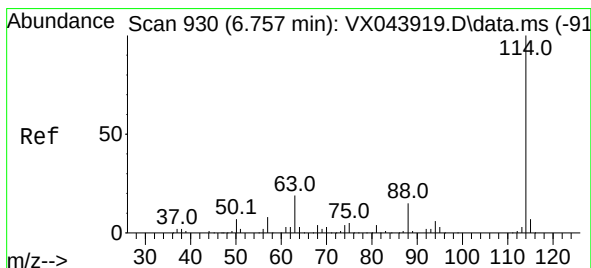
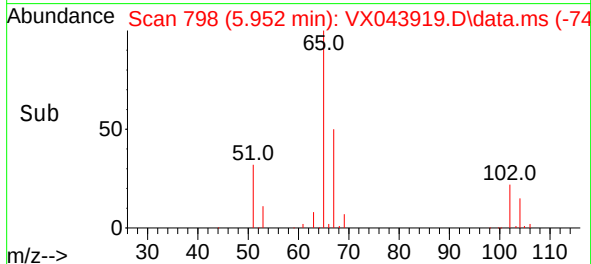
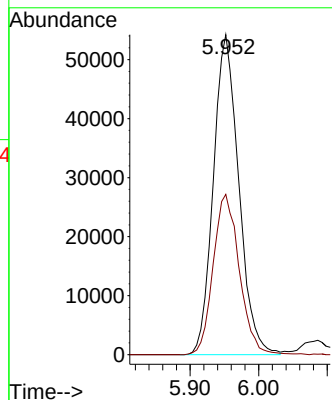
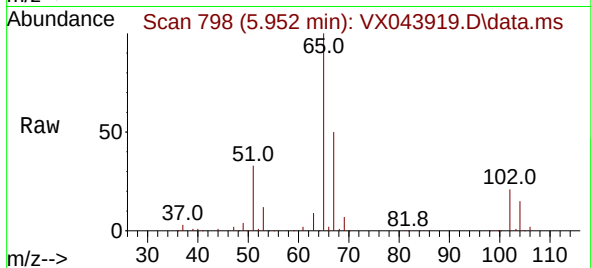




#33
1,2-Dichloroethane-d4
Concen: 50.924 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

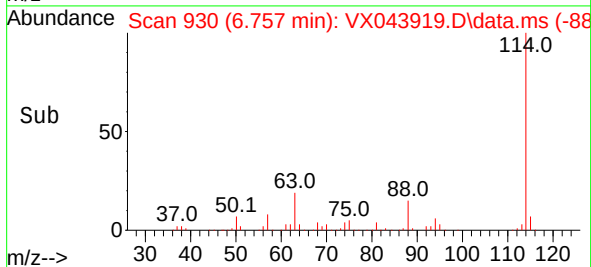
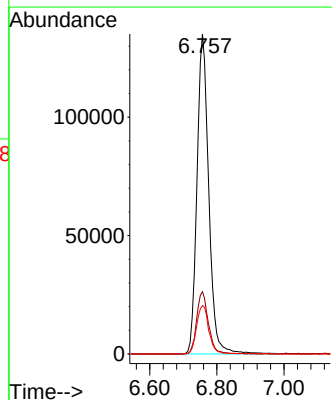
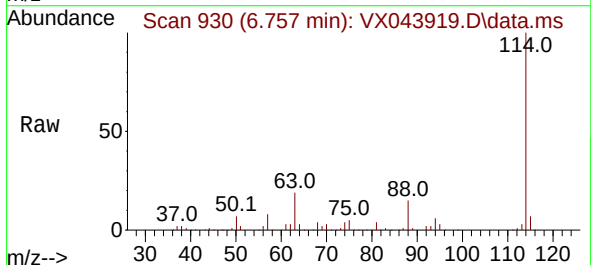
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

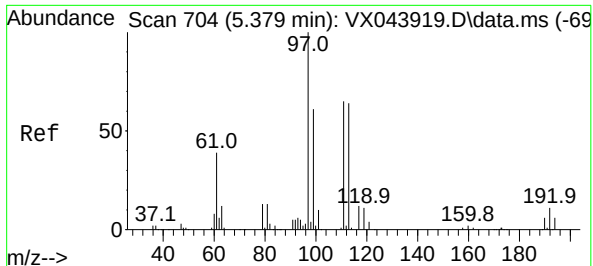
Tgt Ion: 65 Resp: 139581
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 114 Resp: 329006
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.0
88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.725 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

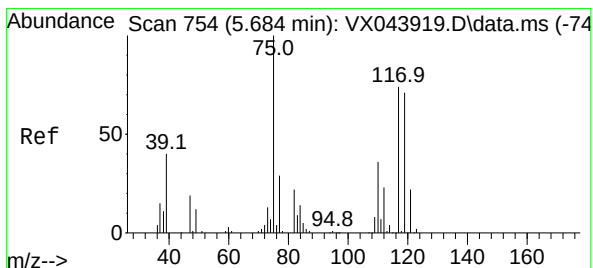
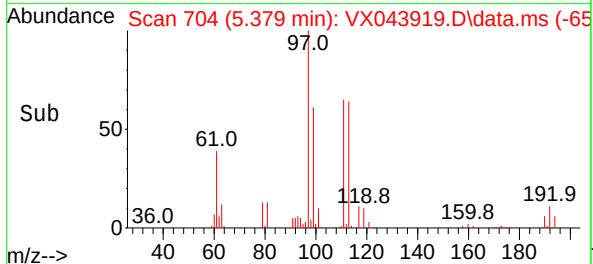
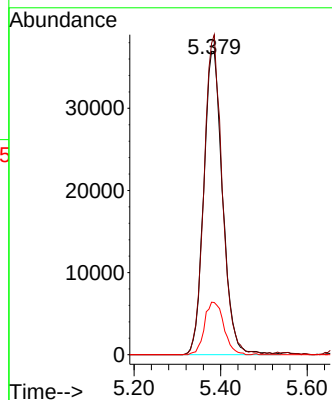
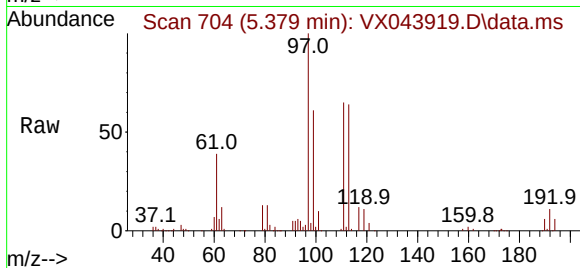
Tgt Ion:113 Resp: 112062

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.6

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 48.661 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

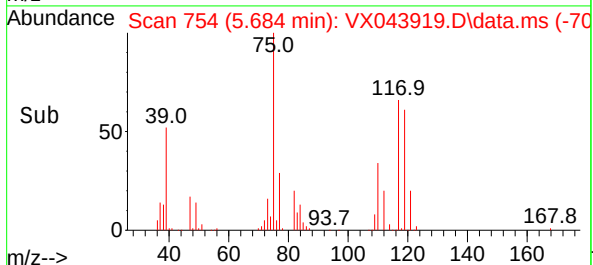
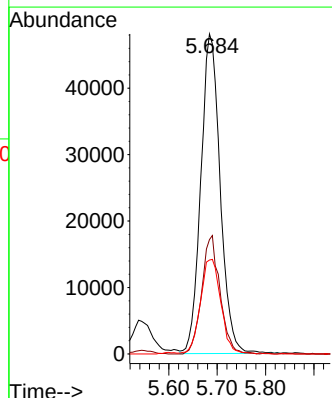
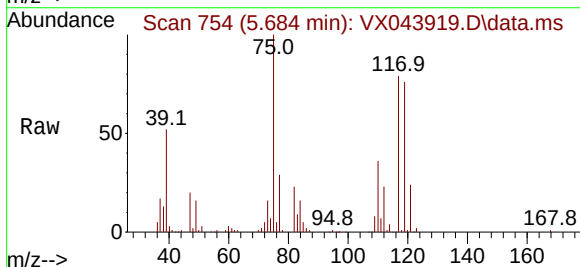
Tgt Ion: 75 Resp: 133979

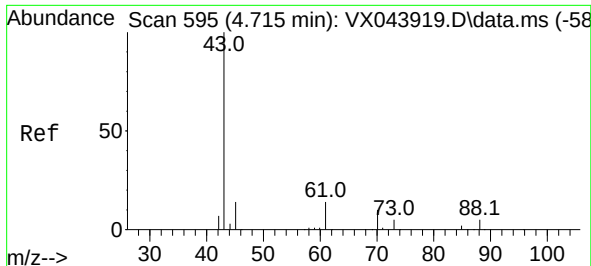
Ion Ratio Lower Upper

75 100

110 35.0 17.5 52.5

77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 49.723 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

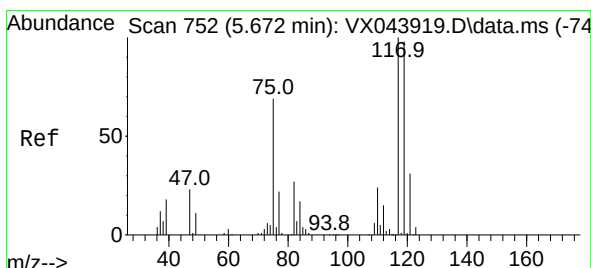
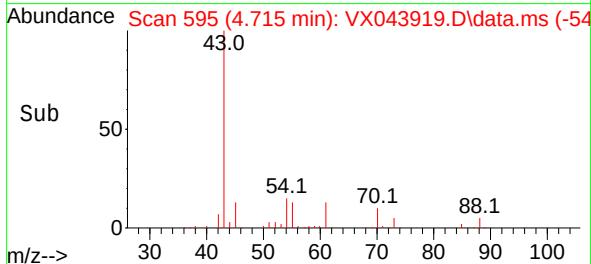
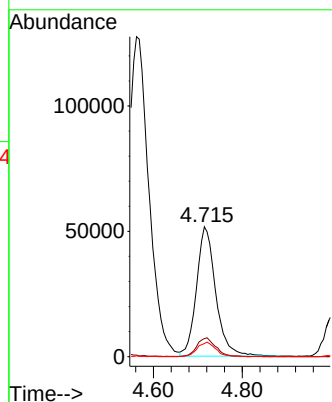
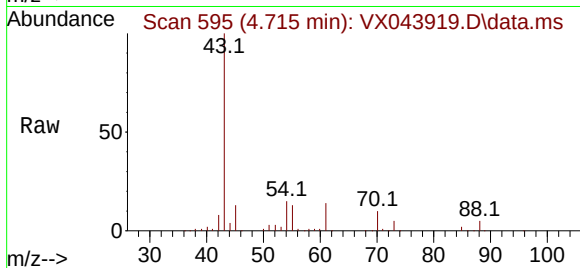
Tgt Ion: 43 Resp: 155573

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 10.9 8.7 13.1



#38

Carbon Tetrachloride

Concen: 49.352 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

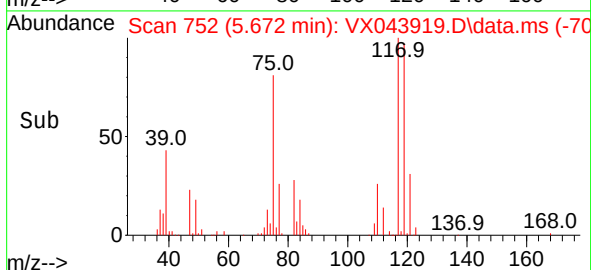
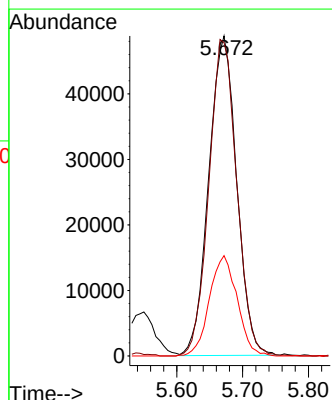
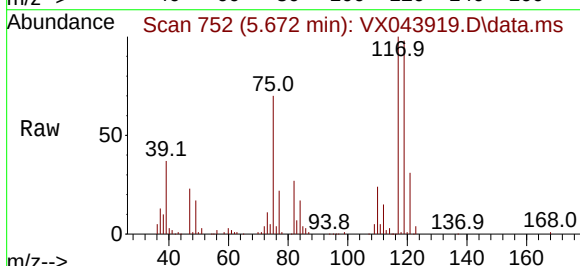
Tgt Ion:117 Resp: 143859

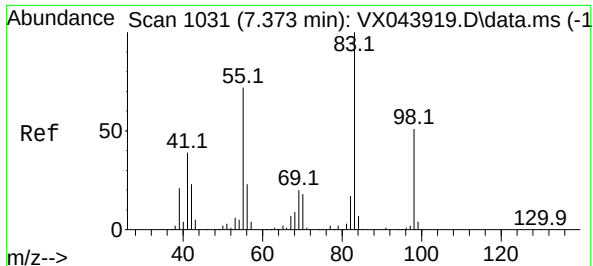
Ion Ratio Lower Upper

117 100

119 97.9 78.3 117.5

121 31.4 25.1 37.7





#39

Methylcyclohexane

Concen: 49.467 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

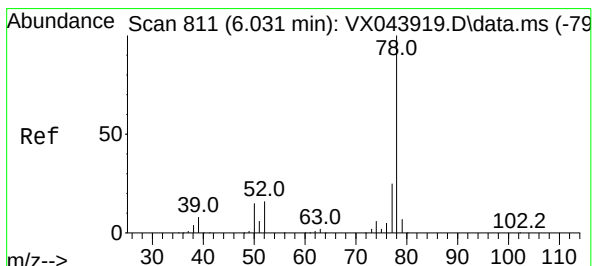
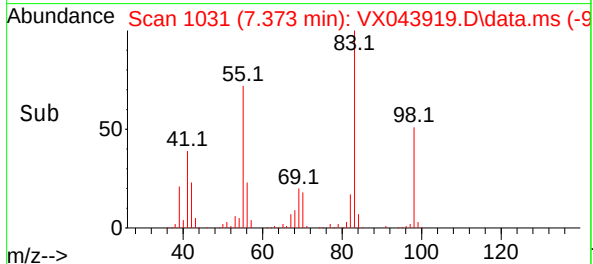
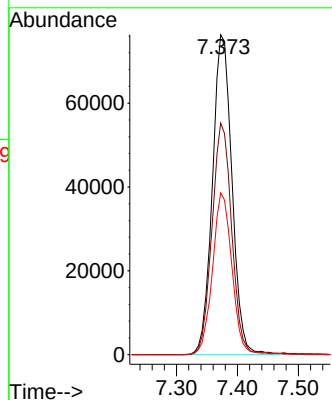
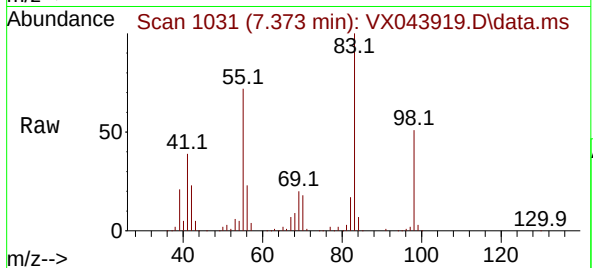
Tgt Ion: 83 Resp: 170502

Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 50.6 40.5 60.7



#40

Benzene

Concen: 50.600 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX043919.D

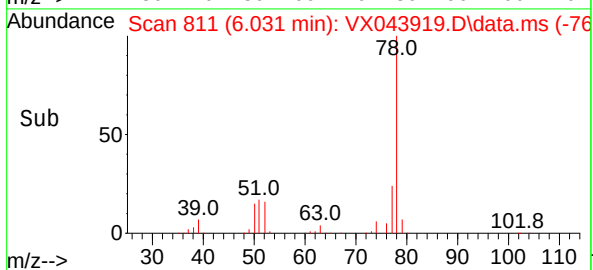
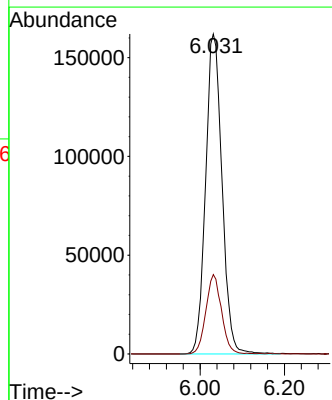
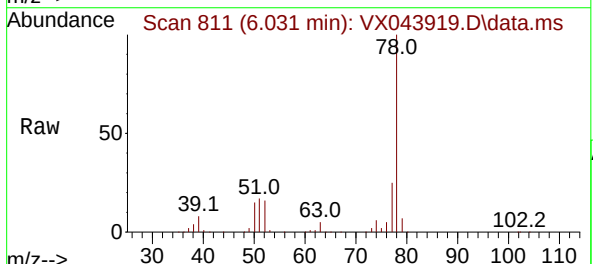
Acq: 20 Nov 2024 17:43

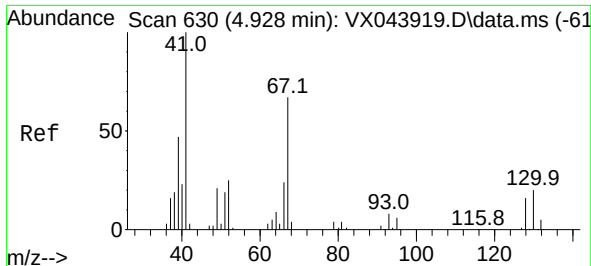
Tgt Ion: 78 Resp: 438014

Ion Ratio Lower Upper

78 100

77 24.8 19.8 29.8

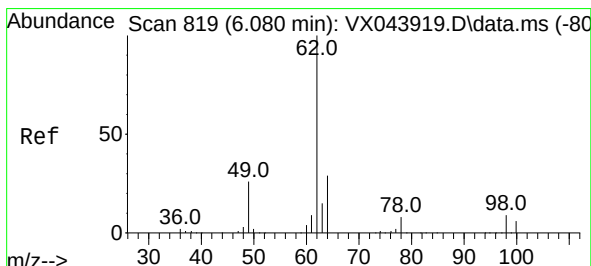
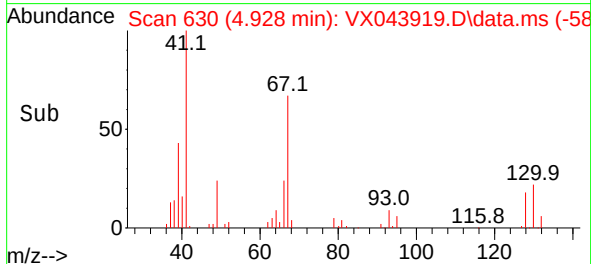
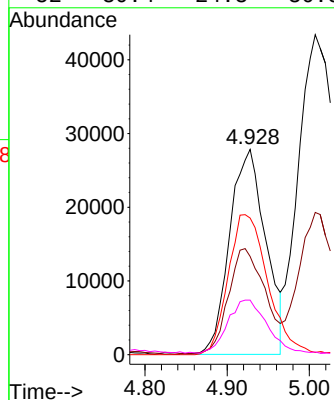
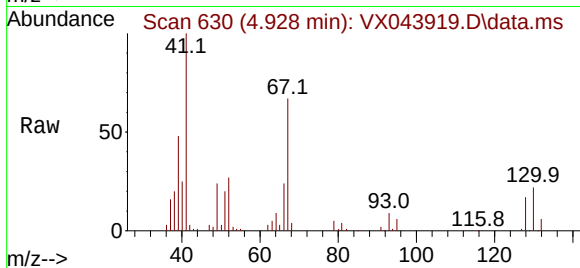




#41
Methacrylonitrile
Concen: 52.601 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

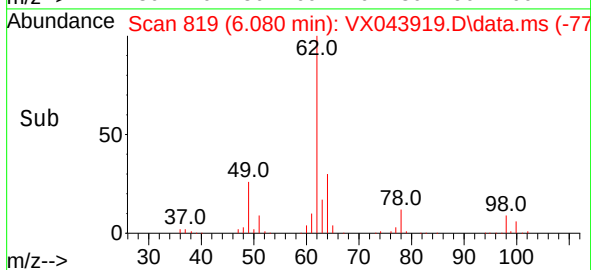
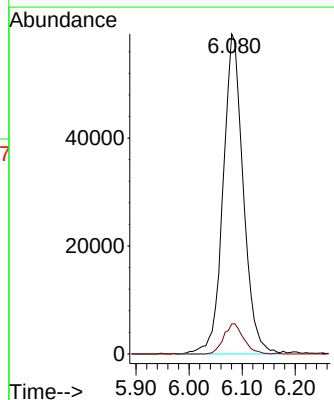
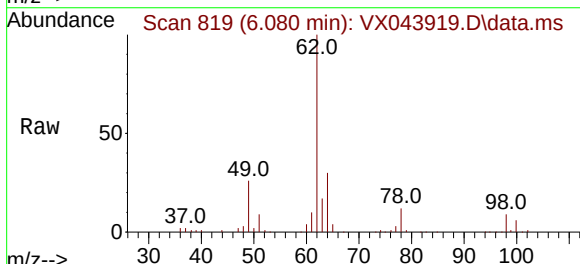
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

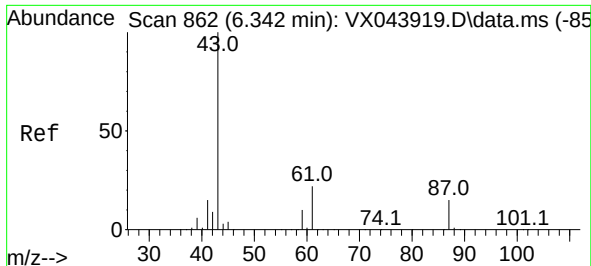
Tgt Ion:	41	Resp:	84940
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	75.4	60.3	90.5
52	30.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 49.873 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:	62	Resp:	156758
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6

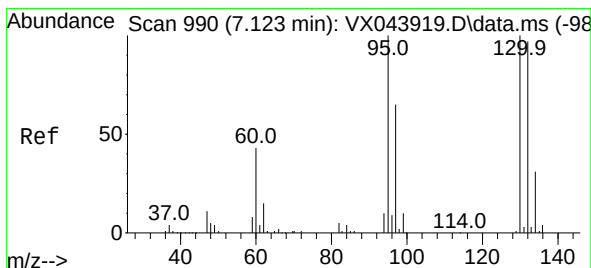
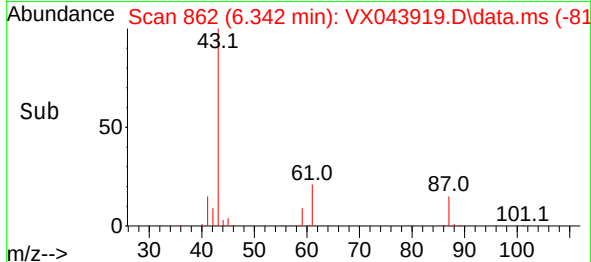
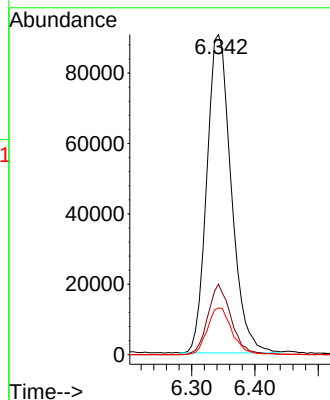
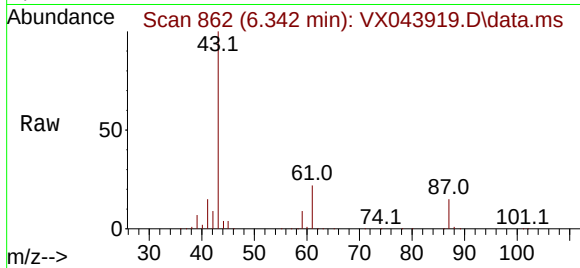




#43
Isopropyl Acetate
Concen: 49.730 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

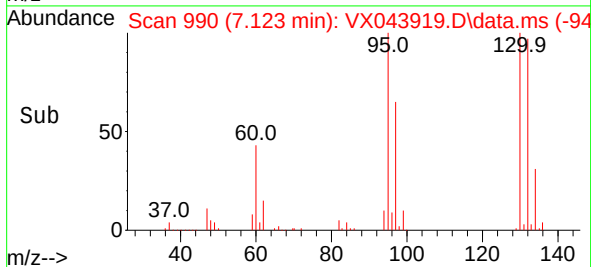
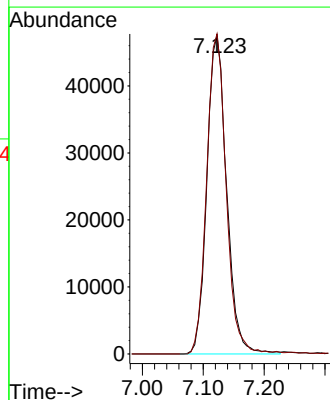
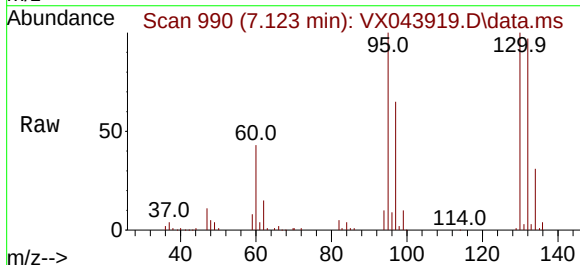
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

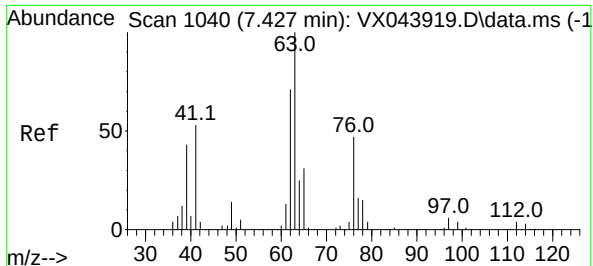
Tgt Ion: 43 Resp: 243096
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3
87 14.9 11.9 17.9



#44
Trichloroethene
Concen: 44.702 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:130 Resp: 106678
Ion Ratio Lower Upper
130 100
95 100.4 0.0 200.8

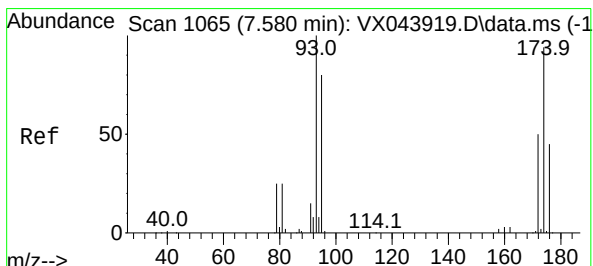
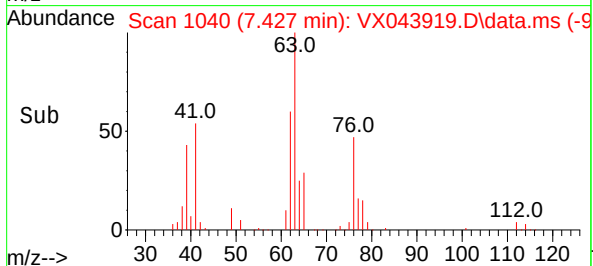
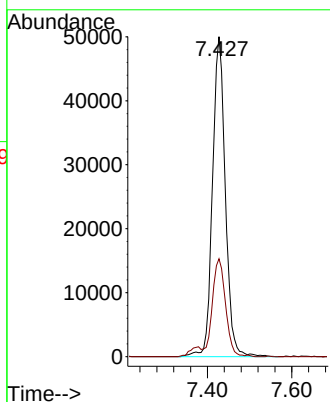
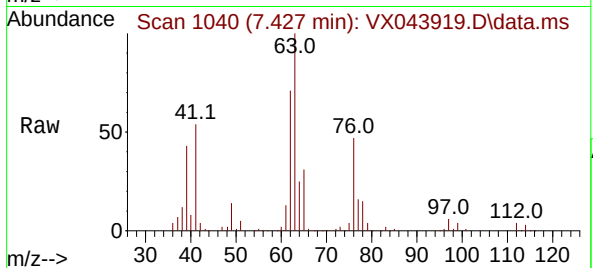




#45
1,2-Dichloropropane
Concen: 49.859 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

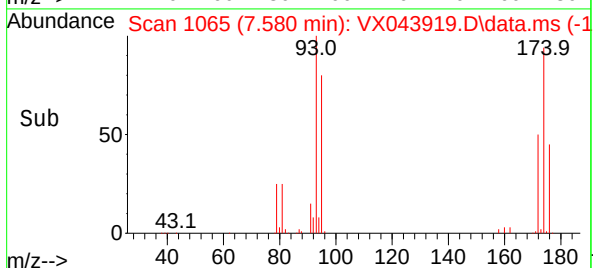
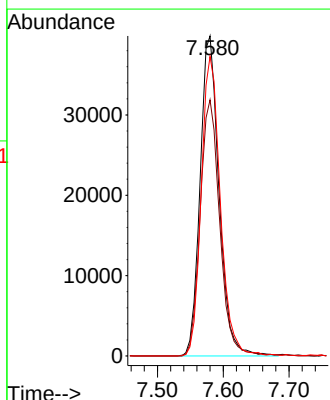
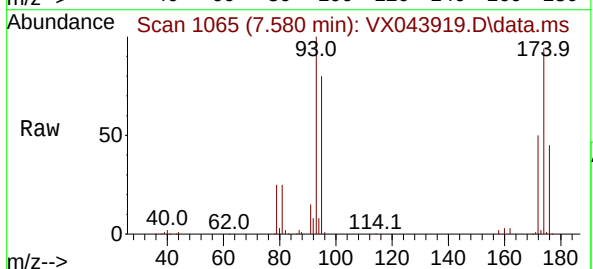
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

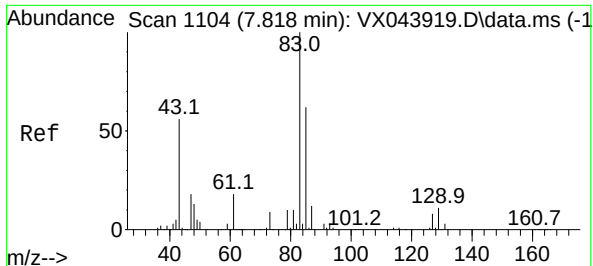
Tgt Ion: 63 Resp: 105780
Ion Ratio Lower Upper
63 100
65 30.6 24.5 36.7



#46
Dibromomethane
Concen: 50.048 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 93 Resp: 80013
Ion Ratio Lower Upper
93 100
95 82.6 66.1 99.1
174 94.0 75.2 112.8

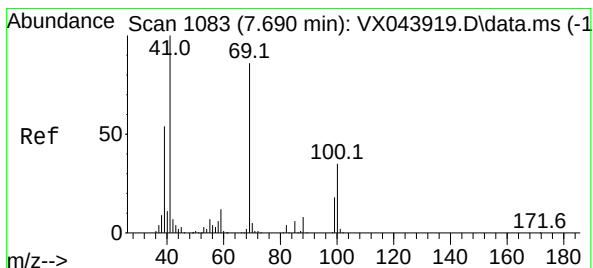
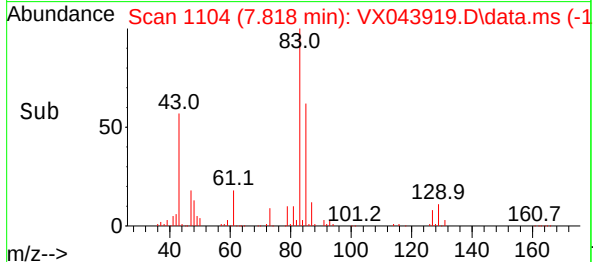
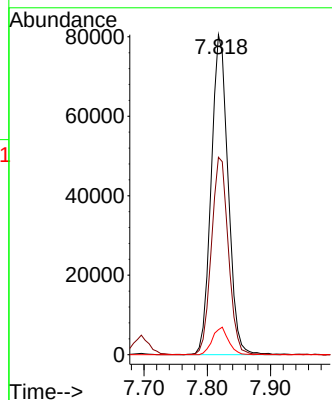
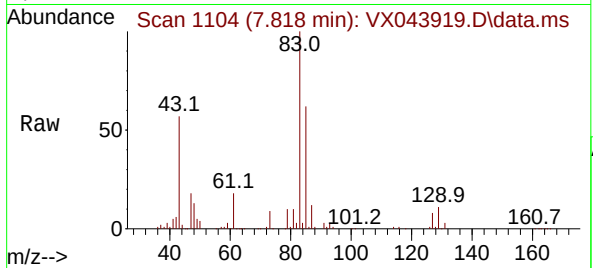




#47
 Bromodichloromethane
 Concen: 53.157 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX043919.D
 Acq: 20 Nov 2024 17:43

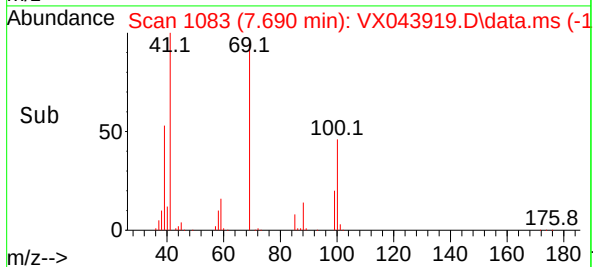
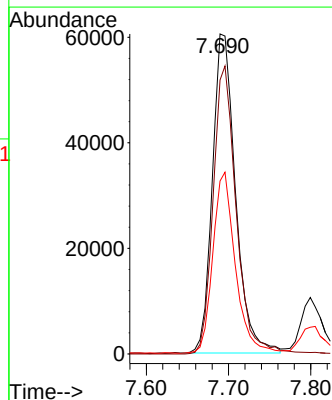
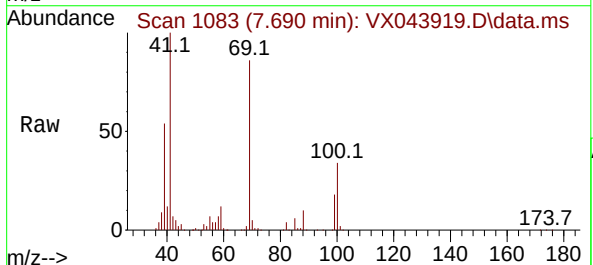
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

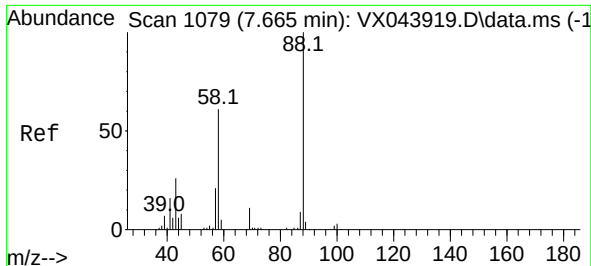
Tgt Ion: 83 Resp: 149316
 Ion Ratio Lower Upper
 83 100
 85 61.7 49.4 74.0
 127 7.8 6.2 9.4



#48
 Methyl methacrylate
 Concen: 48.908 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX043919.D
 Acq: 20 Nov 2024 17:43

Tgt Ion: 41 Resp: 118497
 Ion Ratio Lower Upper
 41 100
 69 90.1 72.1 108.1
 39 54.8 43.8 65.8





#49

1,4-Dioxane

Concen: 737.717 ug/l

RT: 7.665 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

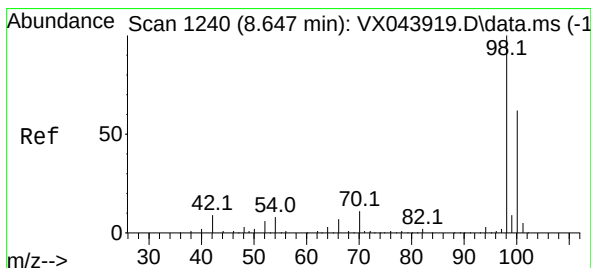
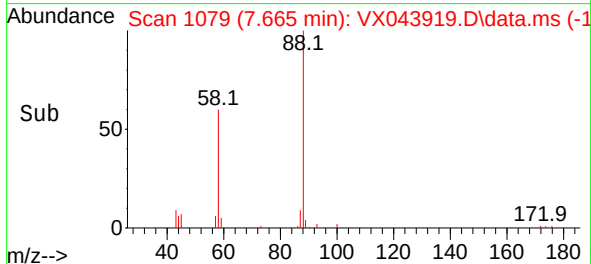
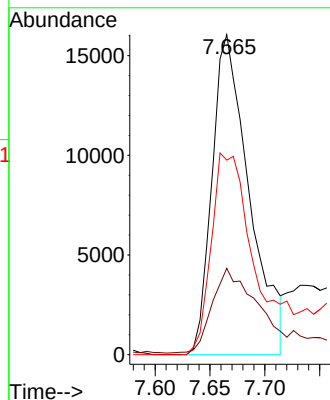
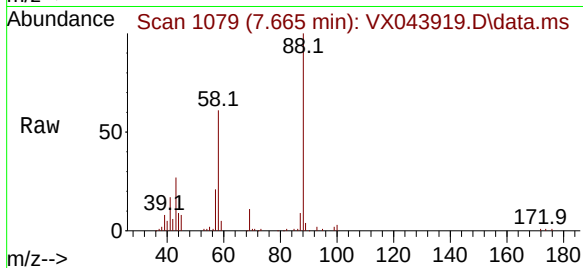
Tgt Ion: 88 Resp: 37960

Ion Ratio Lower Upper

88 100

43 32.1 17.4 26.0#

58 75.8 41.0 61.6#



#50

Toluene-d8

Concen: 52.656 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043919.D

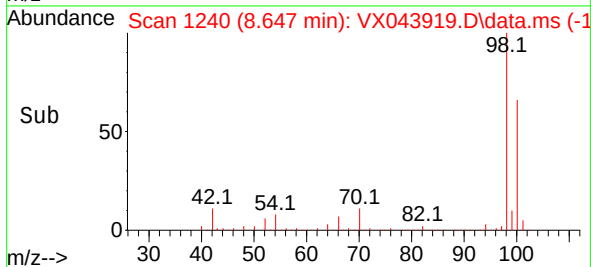
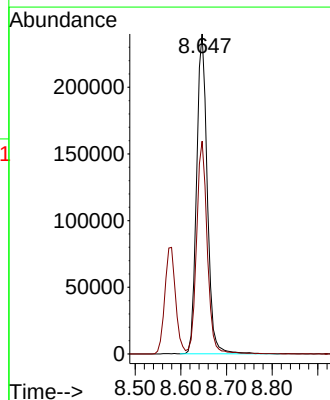
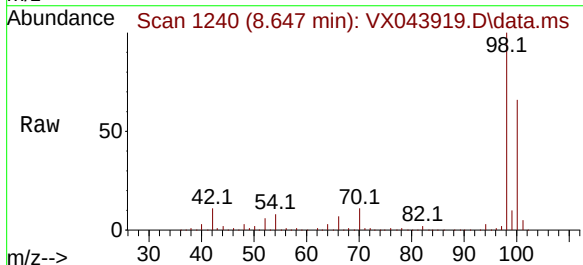
Acq: 20 Nov 2024 17:43

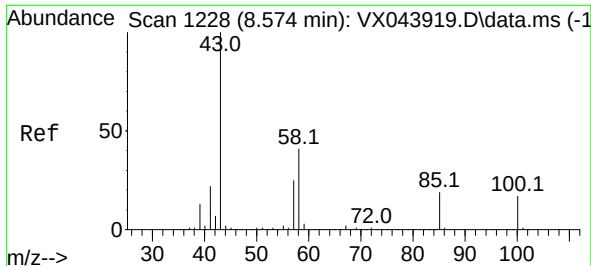
Tgt Ion: 98 Resp: 388623

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6

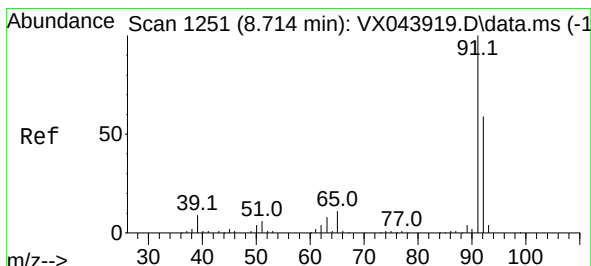
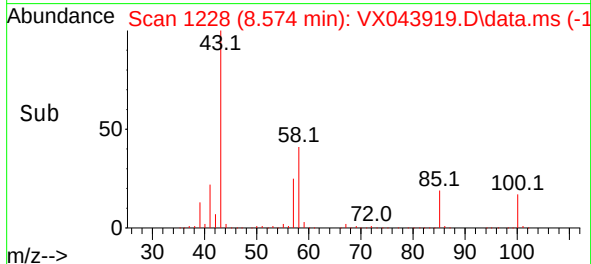
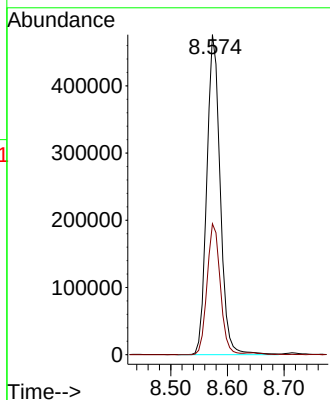
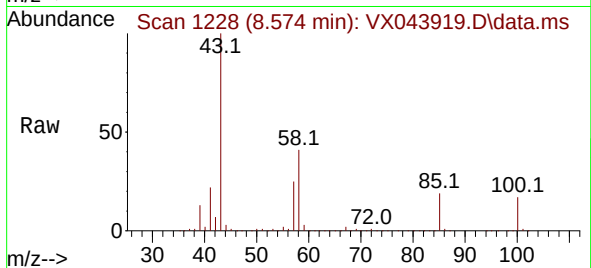




#51
4-Methyl-2-Pentanone
Concen: 255.940 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

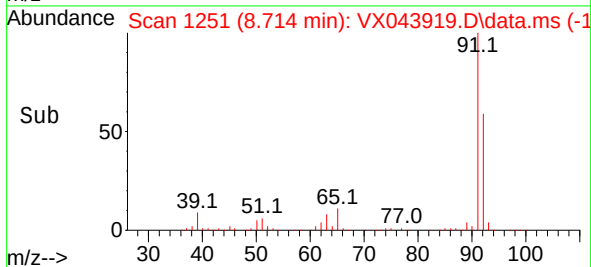
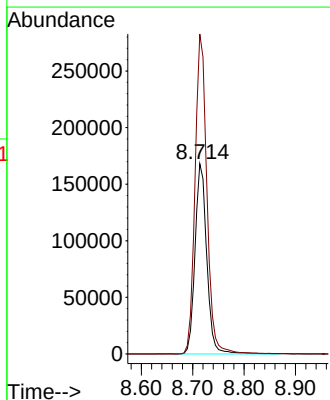
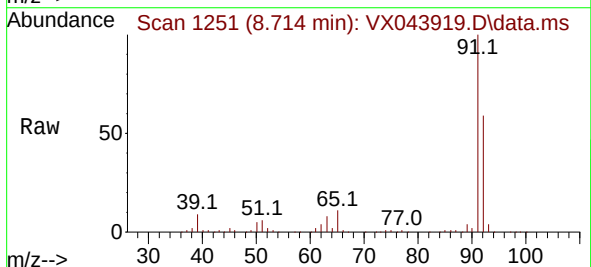
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

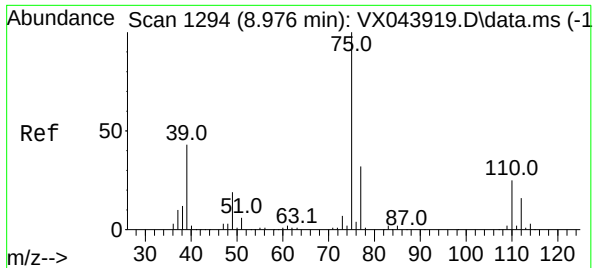
Tgt Ion: 43 Resp: 780101
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6



#52
Toluene
Concen: 53.498 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 92 Resp: 267172
Ion Ratio Lower Upper
92 100
91 170.3 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 54.122 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

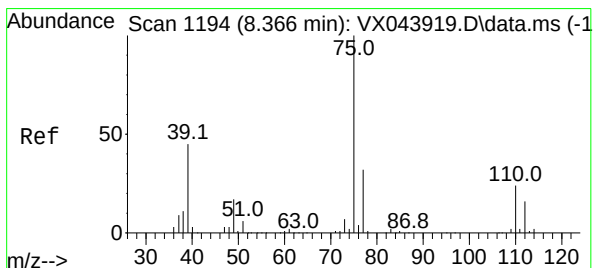
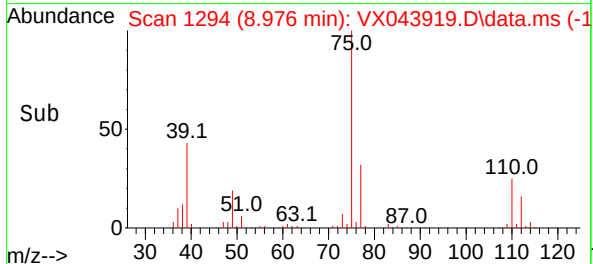
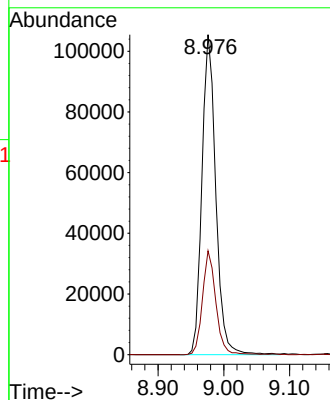
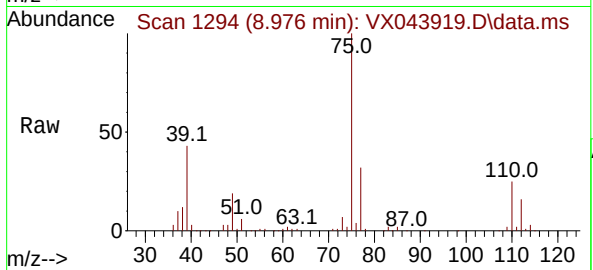
VSTDIC050

Tgt Ion: 75 Resp: 154251

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 51.584 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

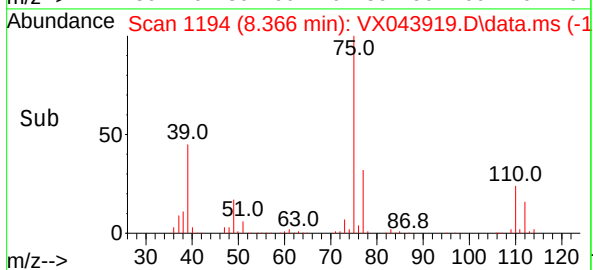
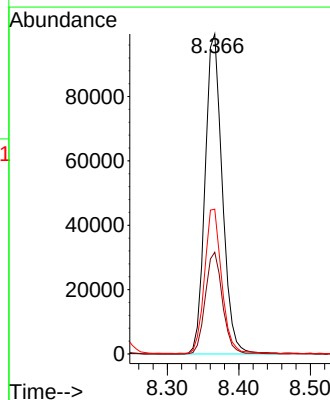
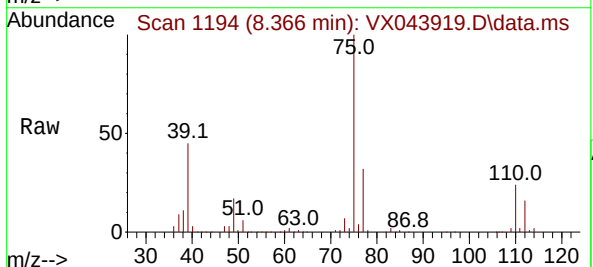
Tgt Ion: 75 Resp: 166600

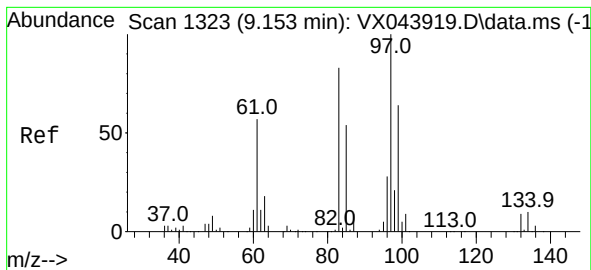
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 45.1 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 54.449 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 97 Resp: 106096

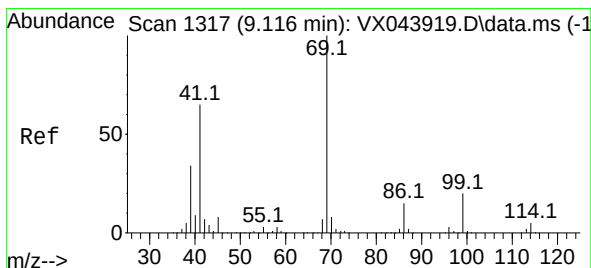
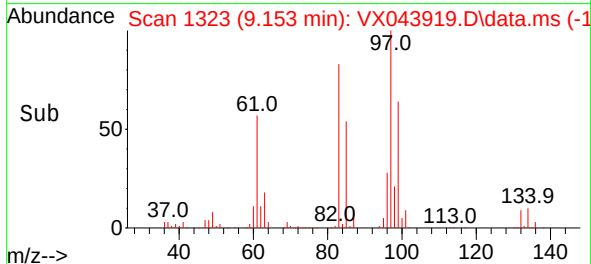
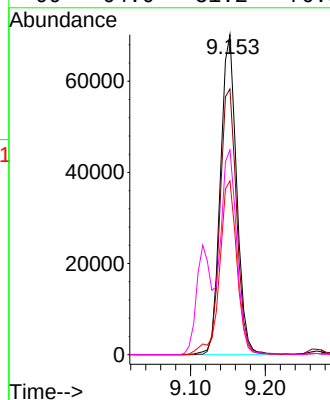
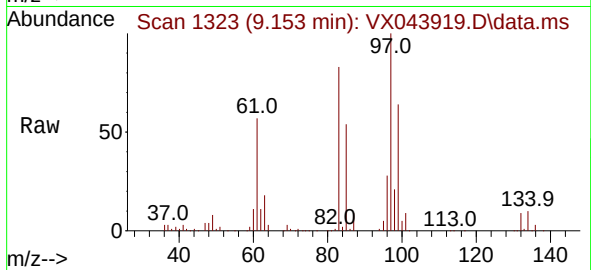
Ion Ratio Lower Upper

97 100

83 83.1 66.5 99.7

85 54.3 43.4 65.2

99 64.0 51.2 76.8



#56

Ethyl methacrylate

Concen: 56.186 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

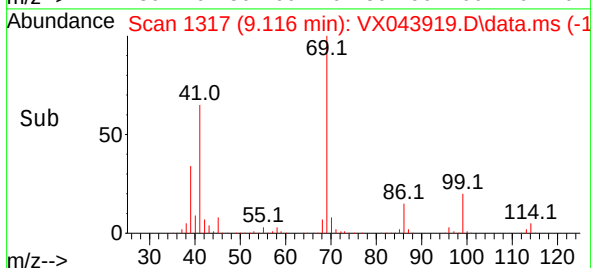
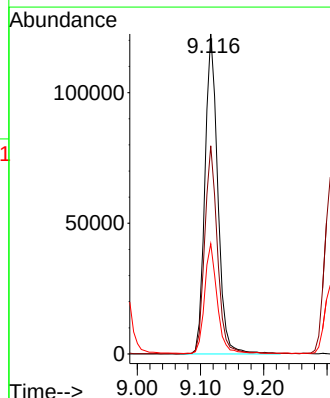
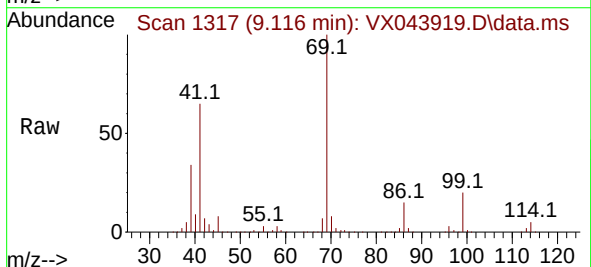
Tgt Ion: 69 Resp: 173343

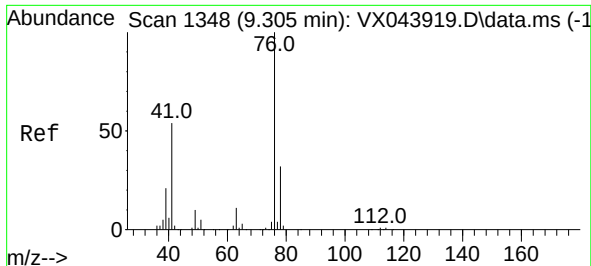
Ion Ratio Lower Upper

69 100

41 64.6 51.7 77.5

39 33.5 26.8 40.2

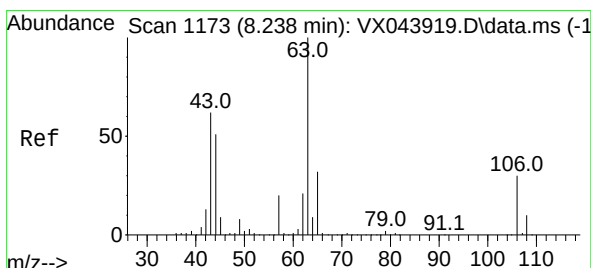
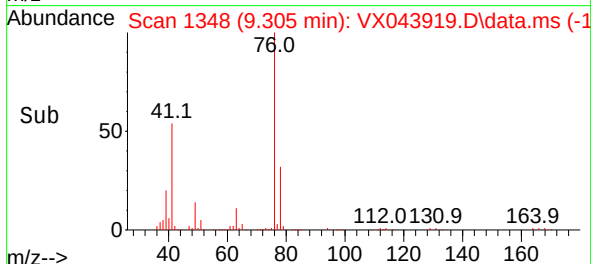
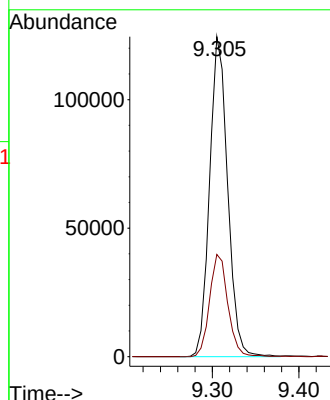
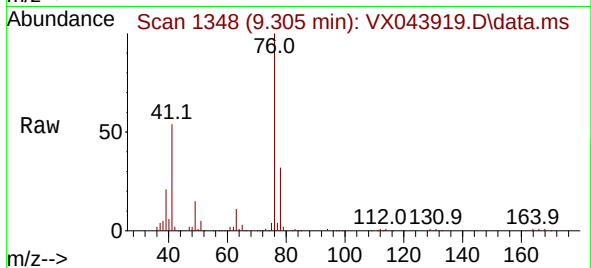




#57
1,3-Dichloropropane
Concen: 55.145 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

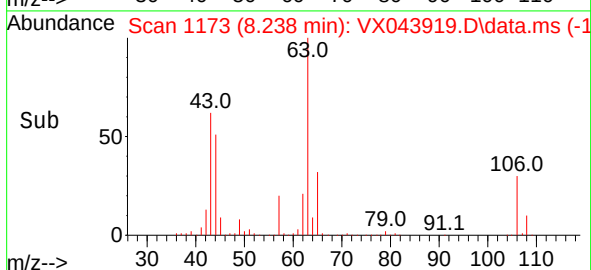
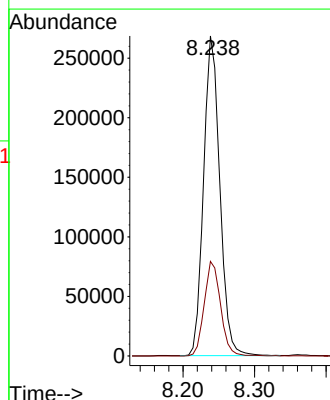
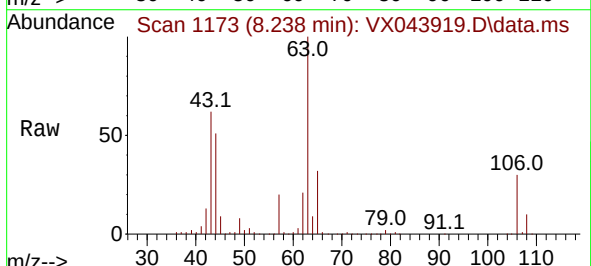
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

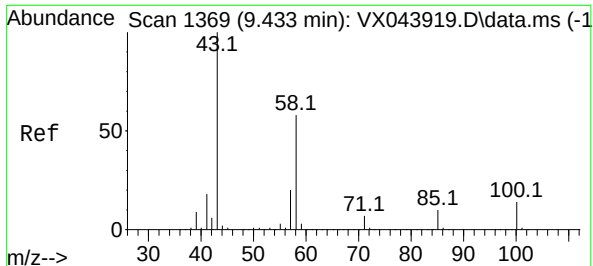
Tgt Ion: 76 Resp: 180019
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 261.998 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 63 Resp: 423888
Ion Ratio Lower Upper
63 100
106 29.7 23.8 35.6





#59

2-Hexanone

Concen: 272.220 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

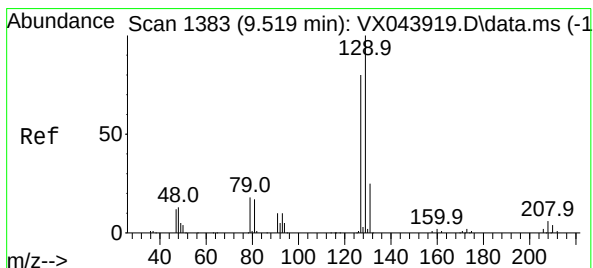
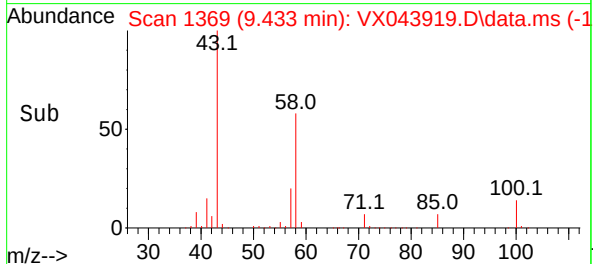
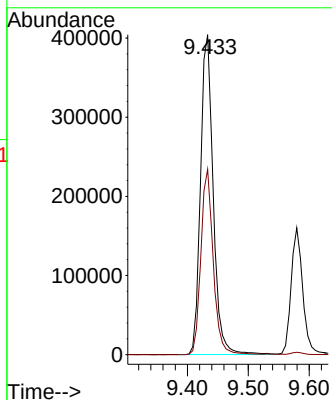
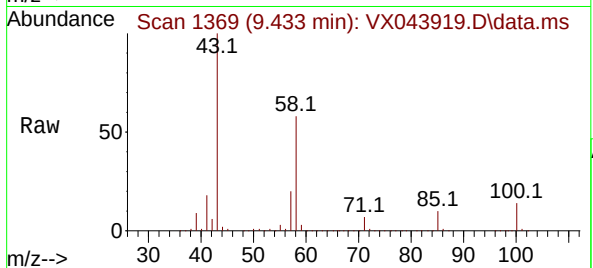
VSTDIC050

Tgt Ion: 43 Resp: 585414

Ion Ratio Lower Upper

43 100

58 56.6 28.3 84.9



#60

Dibromochloromethane

Concen: 57.115 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043919.D

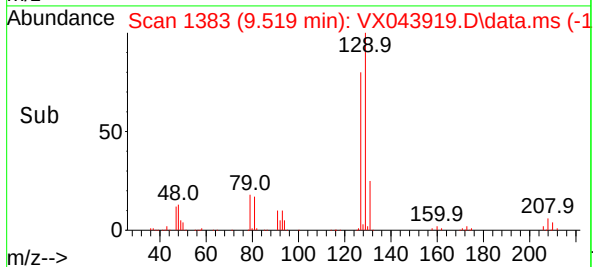
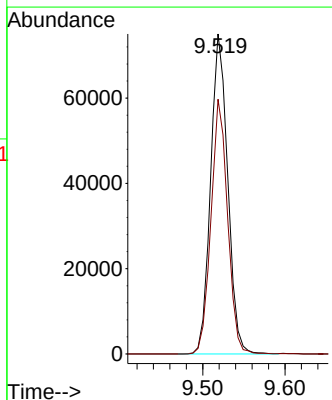
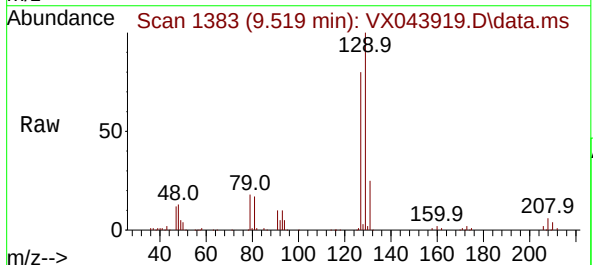
Acq: 20 Nov 2024 17:43

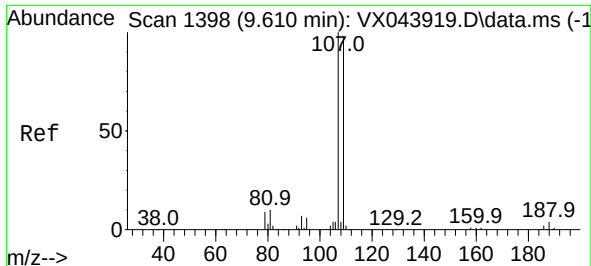
Tgt Ion: 129 Resp: 108443

Ion Ratio Lower Upper

129 100

127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.403 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

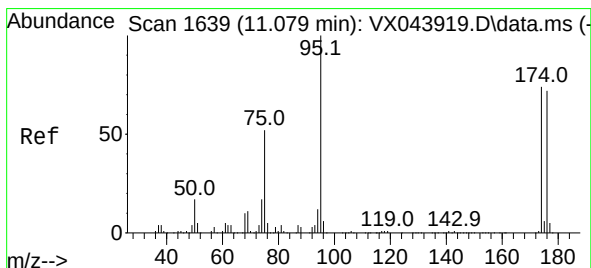
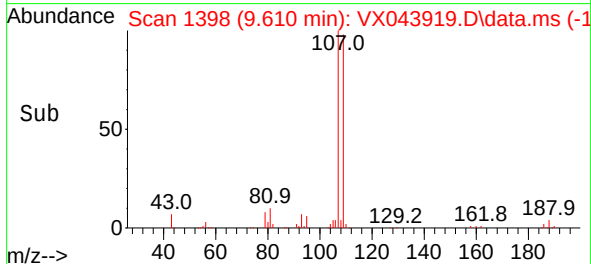
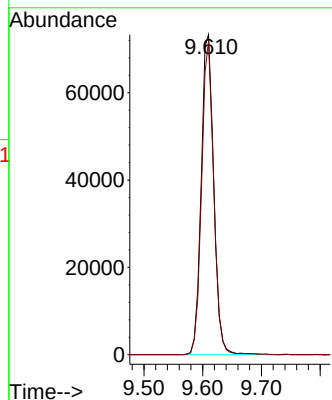
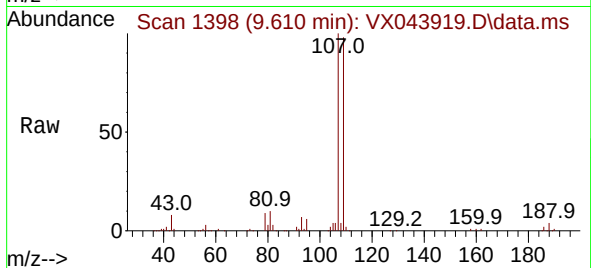
VSTDIC050

Tgt Ion:107 Resp: 108541

Ion Ratio Lower Upper

107 100

109 95.2 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 56.735 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

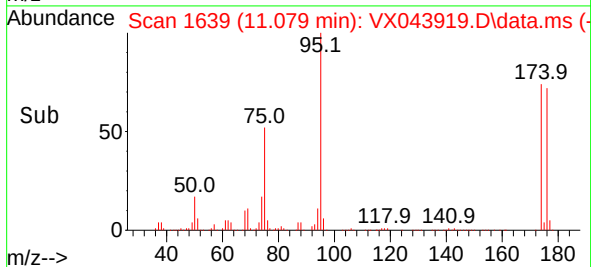
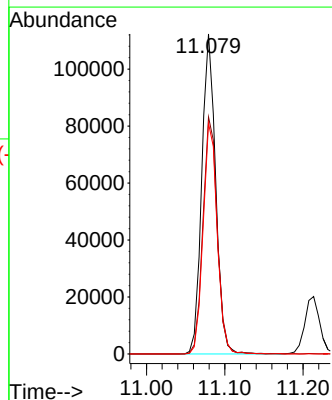
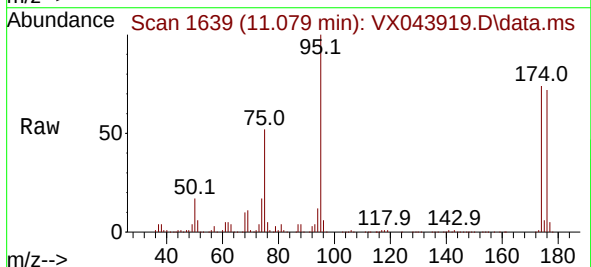
Tgt Ion: 95 Resp: 138363

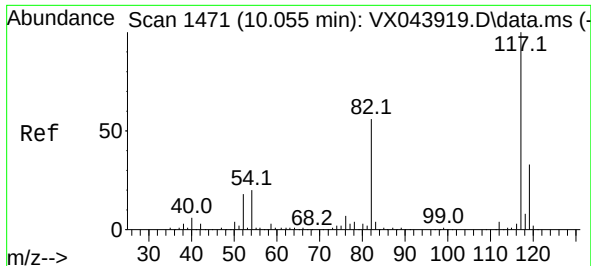
Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.2

176 72.9 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

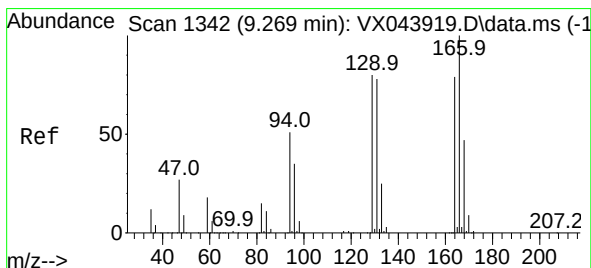
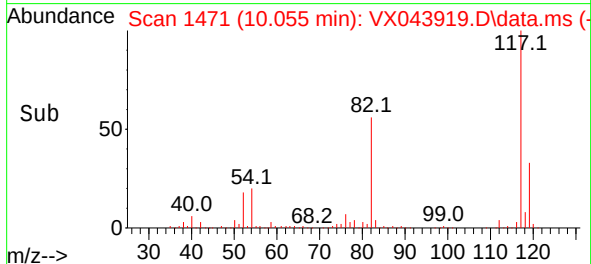
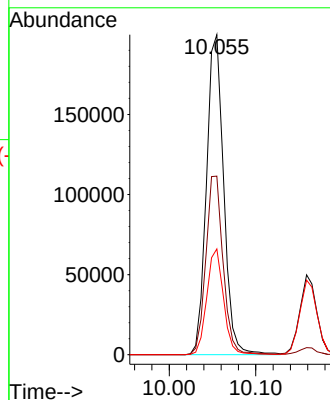
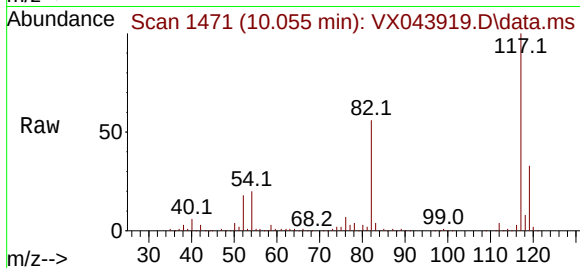
Tgt Ion:117 Resp: 276286

Ion Ratio Lower Upper

117 100

82 55.8 44.6 67.0

119 33.1 26.5 39.7



#64

Tetrachloroethene

Concen: 49.827 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Tgt Ion:164 Resp: 88302

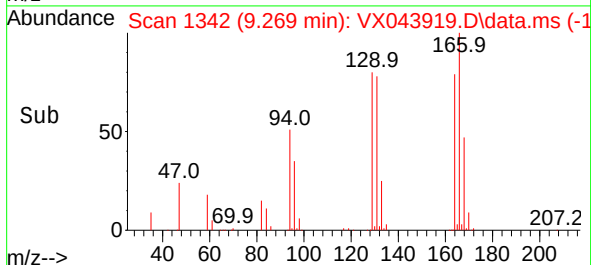
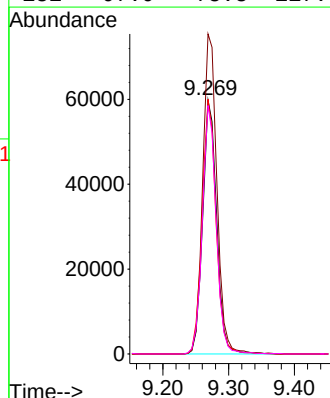
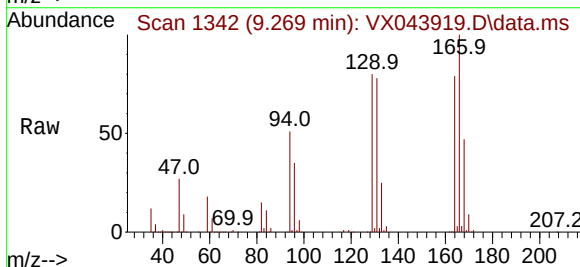
Ion Ratio Lower Upper

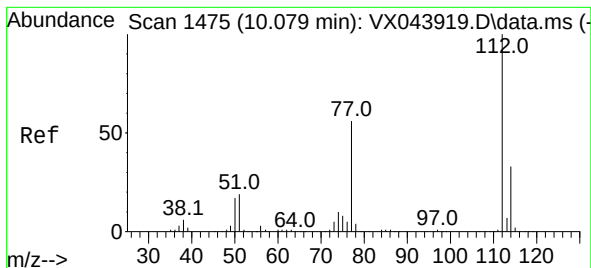
164 100

166 126.1 100.9 151.3

129 100.4 80.3 120.5

131 97.9 78.3 117.5

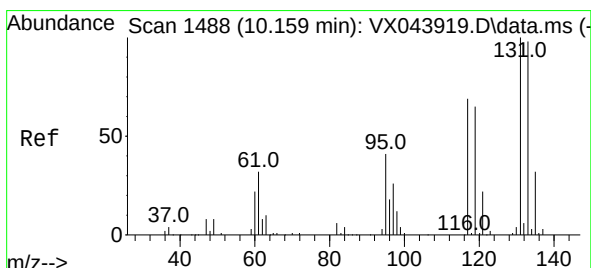
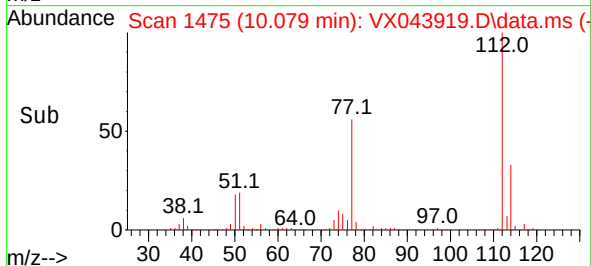
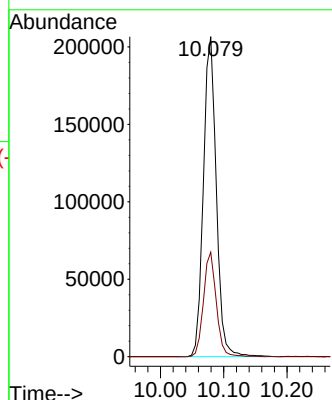
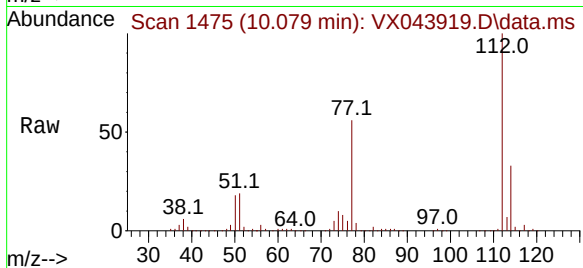




#65
Chlorobenzene
Concen: 50.912 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

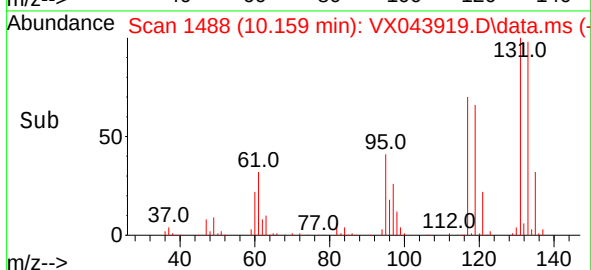
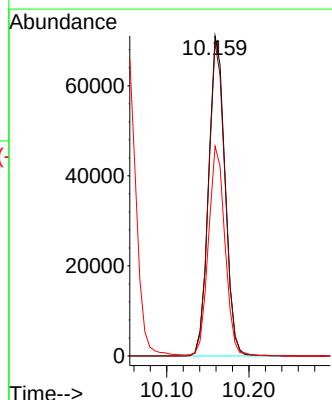
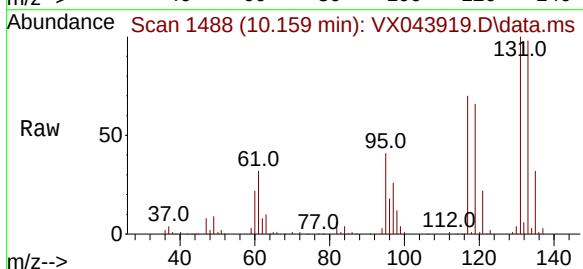
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

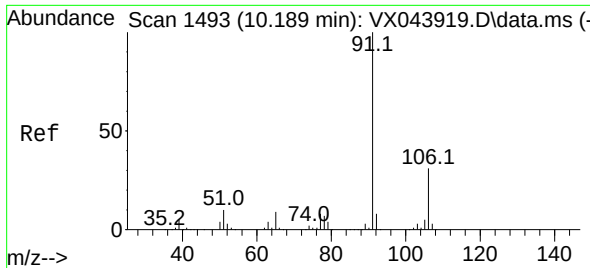
Tgt Ion:112 Resp: 293825
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.552 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:131 Resp: 99017
Ion Ratio Lower Upper
131 100
133 97.5 48.8 146.3
119 65.8 32.9 98.7





#67

Ethyl Benzene

Concen: 51.994 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

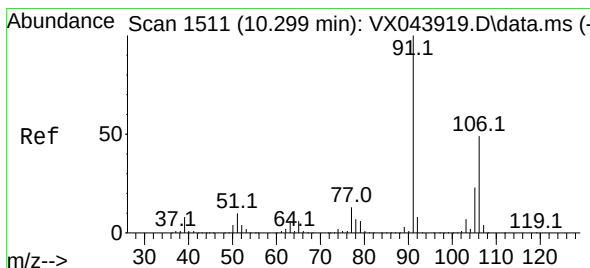
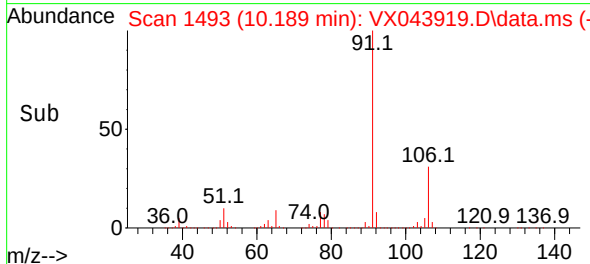
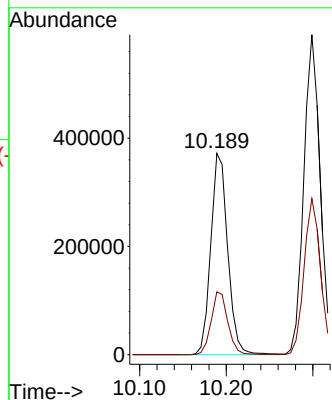
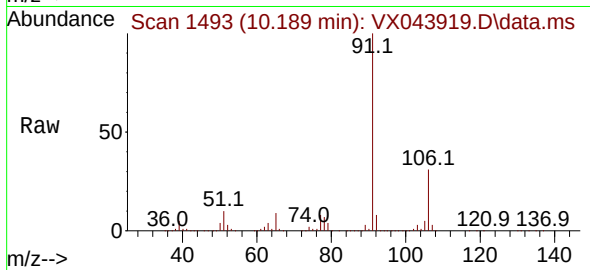
VSTDICC050

Tgt Ion: 91 Resp: 504988

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 105.904 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043919.D

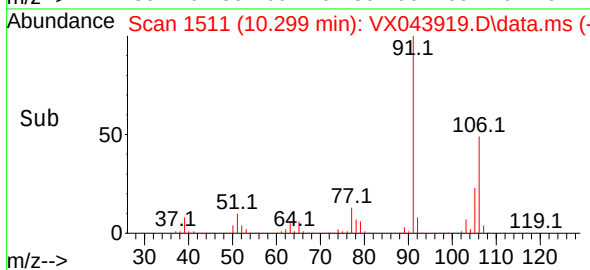
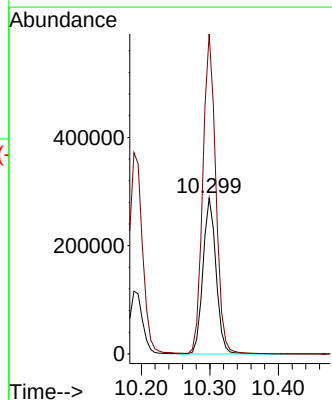
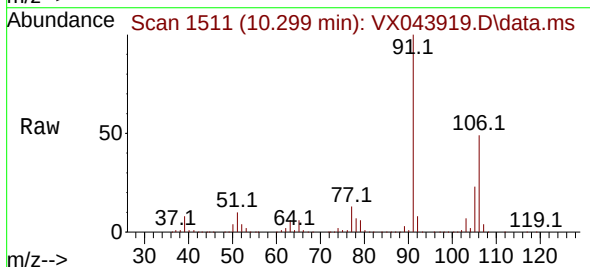
Acq: 20 Nov 2024 17:43

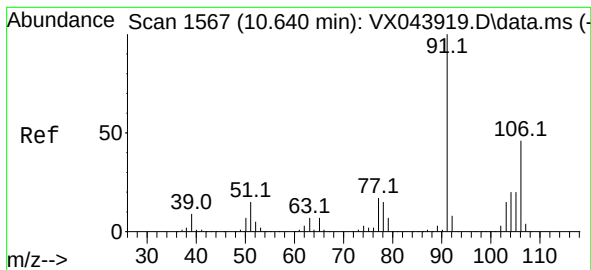
Tgt Ion: 106 Resp: 383115

Ion Ratio Lower Upper

106 100

91 204.1 163.3 244.9

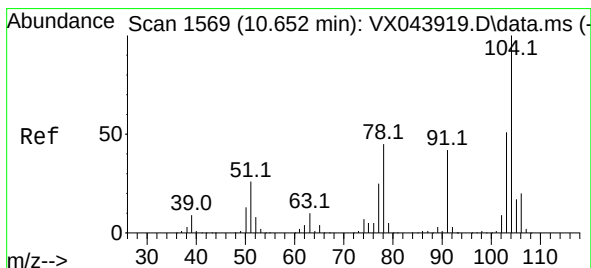
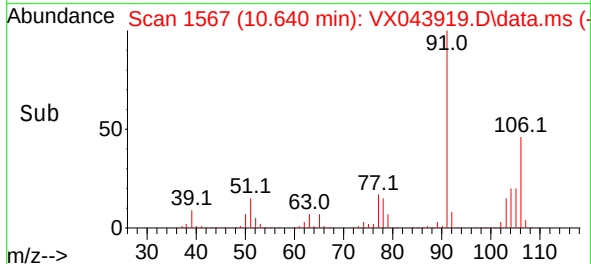
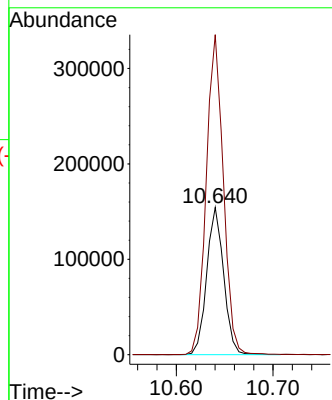
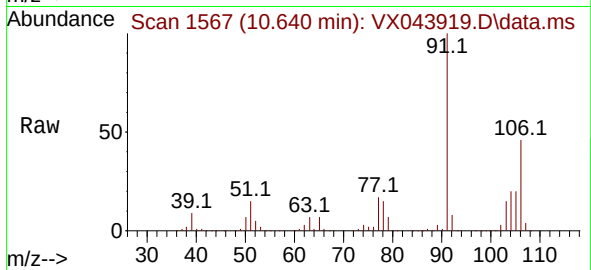




#69
o-Xylene
Concen: 53.405 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

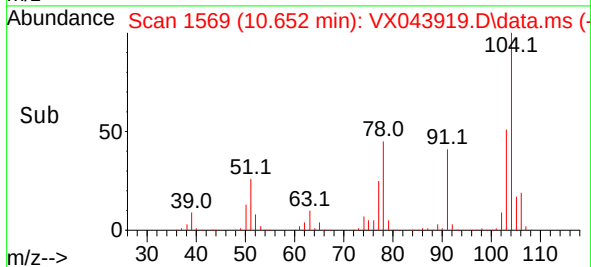
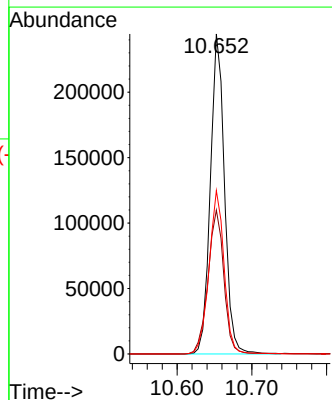
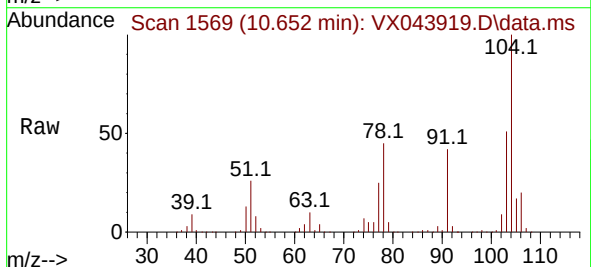
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

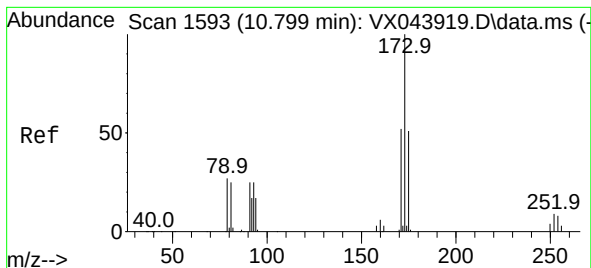
Tgt Ion:106 Resp: 188503
Ion Ratio Lower Upper
106 100
91 219.1 109.6 328.6



#70
Styrene
Concen: 55.168 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:104 Resp: 320918
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 54.9 43.9 65.9





#71

Bromoform

Concen: 45.447 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

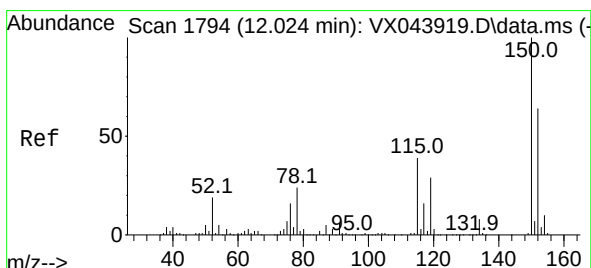
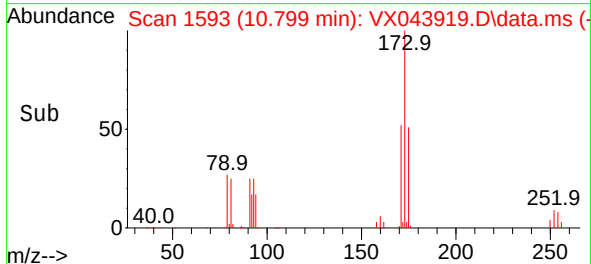
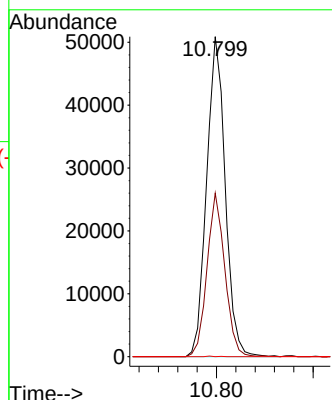
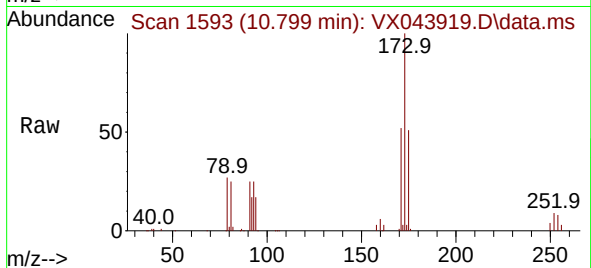
Tgt Ion:173 Resp: 68076

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

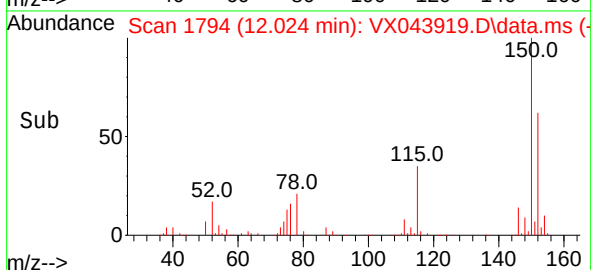
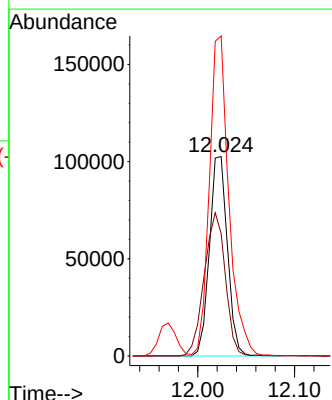
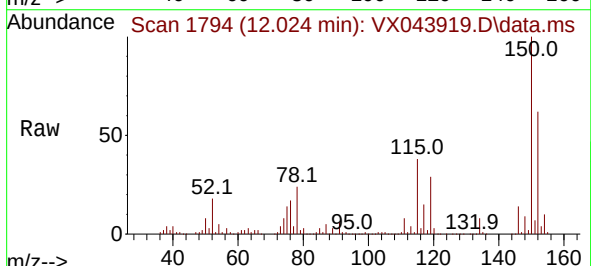
Tgt Ion:152 Resp: 132769

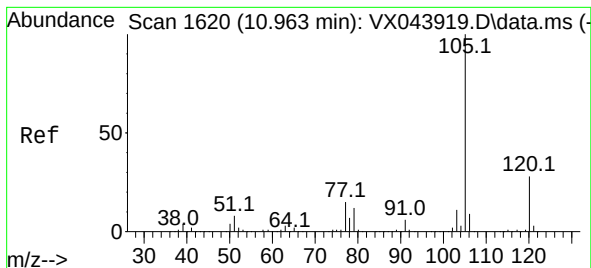
Ion Ratio Lower Upper

152 100

115 84.2 42.1 126.3

150 174.1 0.0 348.2





#73

Isopropylbenzene

Concen: 50.840 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

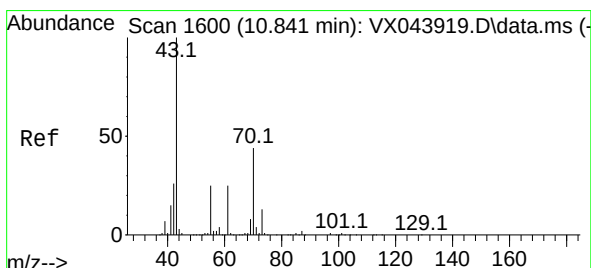
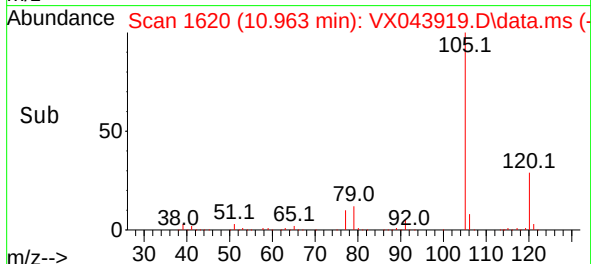
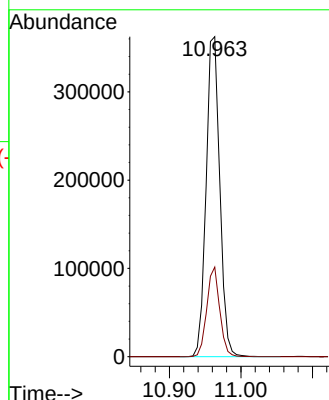
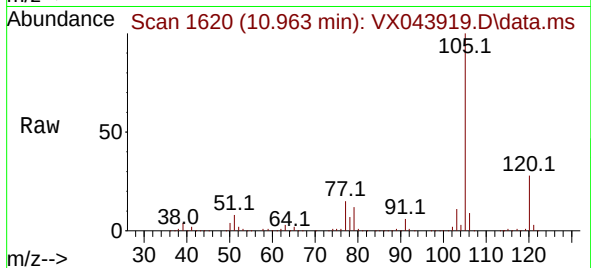
VSTDIC050

Tgt Ion:105 Resp: 481821

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 44.541 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Tgt Ion: 43 Resp: 214398

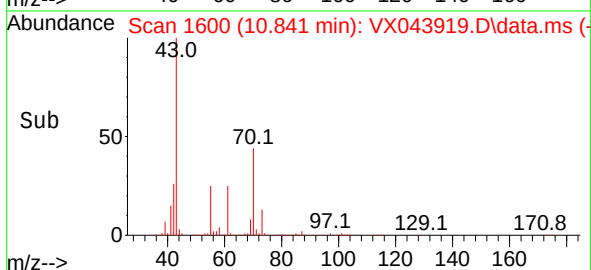
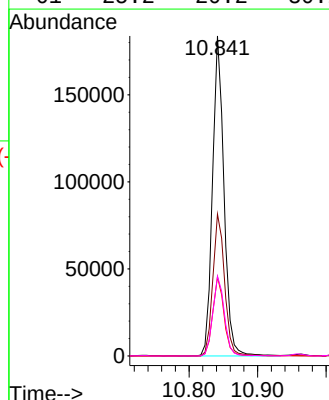
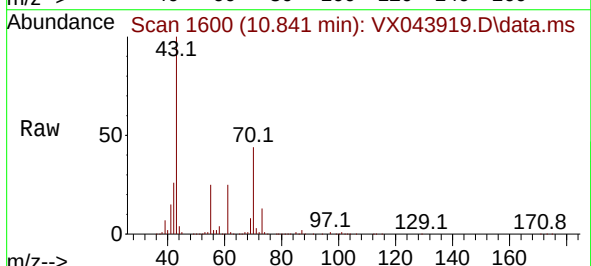
Ion Ratio Lower Upper

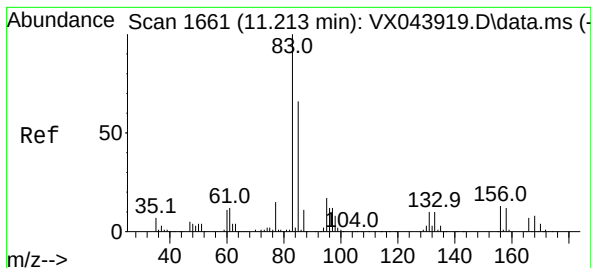
43 100

70 45.6 36.5 54.7

55 24.5 19.6 29.4

61 25.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.890 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

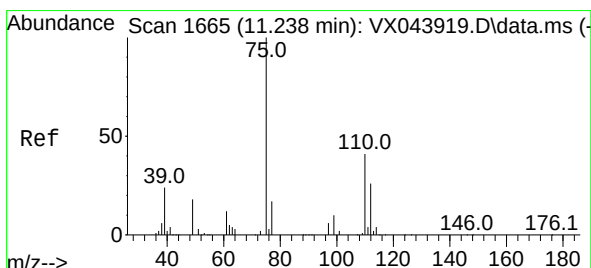
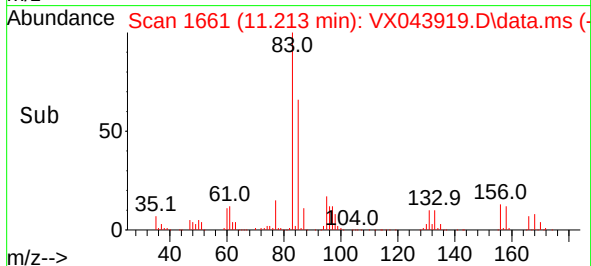
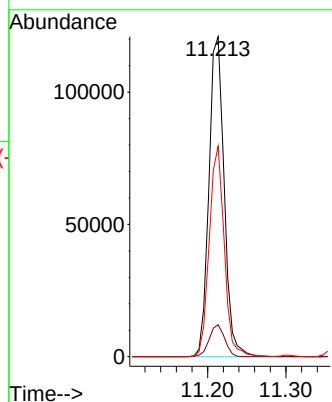
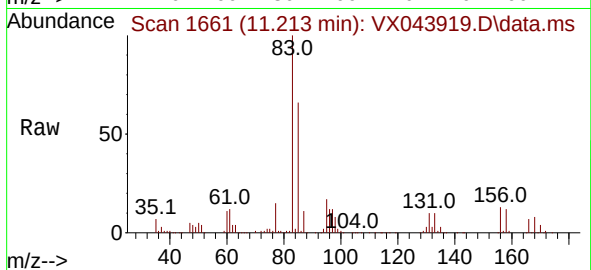
Tgt Ion: 83 Resp: 163064

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 67.028 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043919.D

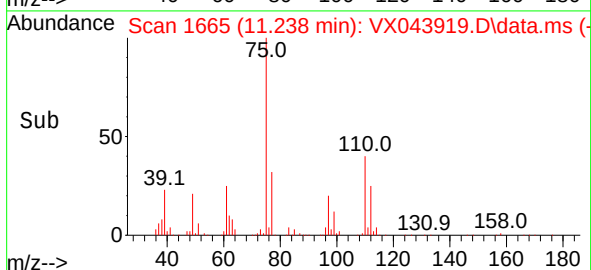
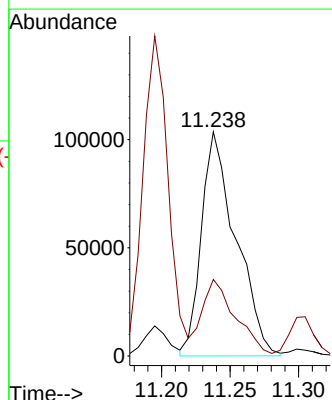
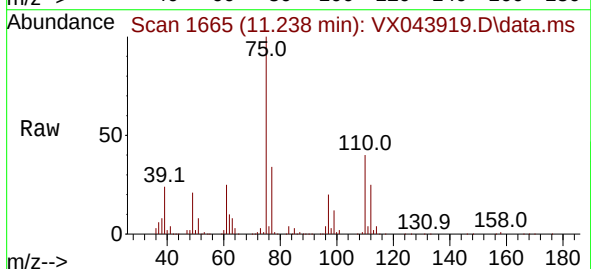
Acq: 20 Nov 2024 17:43

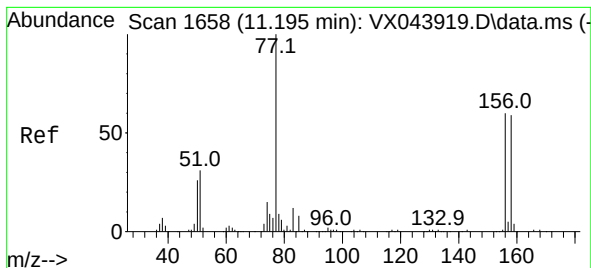
Tgt Ion: 75 Resp: 181616

Ion Ratio Lower Upper

75 100

77 33.2 22.4 67.0





#77

Bromobenzene

Concen: 50.580 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

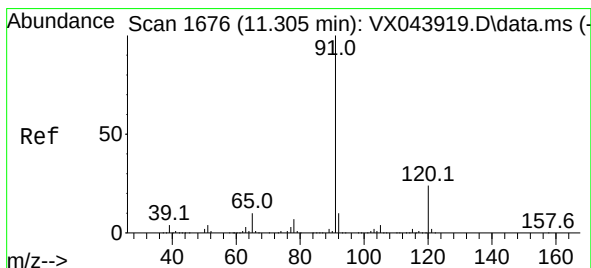
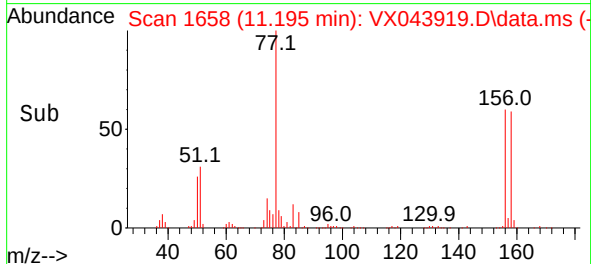
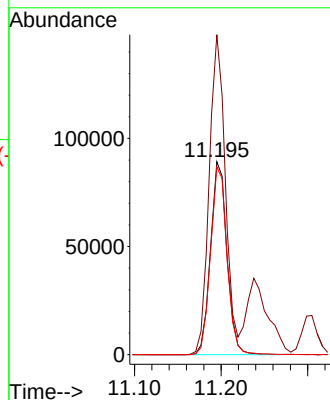
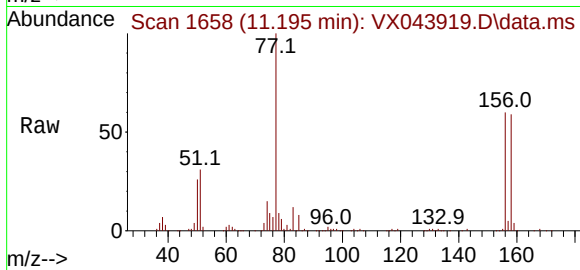
Tgt Ion:156 Resp: 117481

Ion Ratio Lower Upper

156 100

77 162.4 81.2 243.6

158 97.2 48.6 145.8



#78

n-propylbenzene

Concen: 52.453 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043919.D

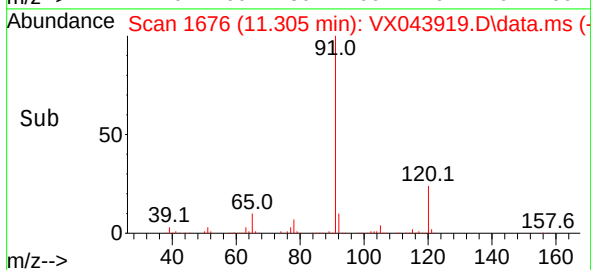
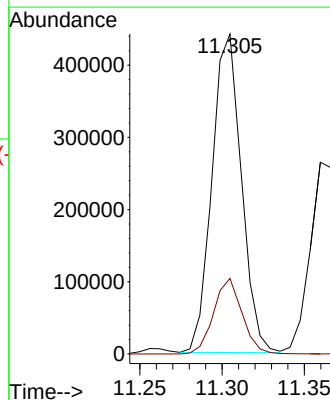
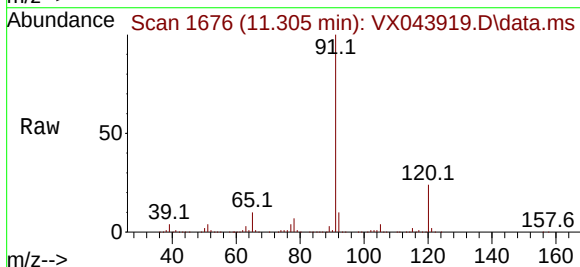
Acq: 20 Nov 2024 17:43

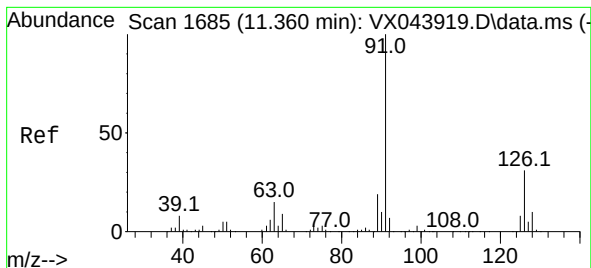
Tgt Ion: 91 Resp: 548498

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 51.125 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

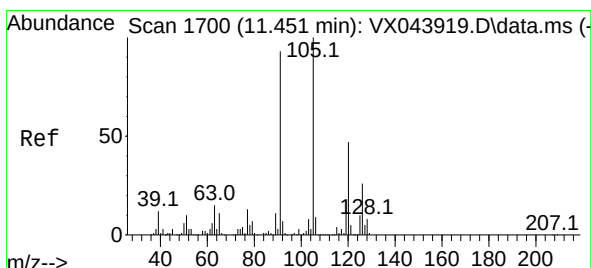
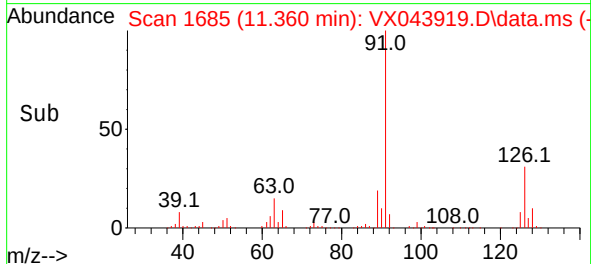
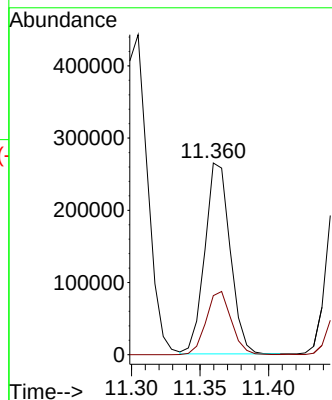
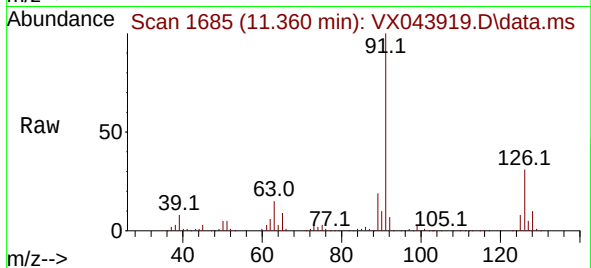
VSTDICC050

Tgt Ion: 91 Resp: 340169

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 51.516 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043919.D

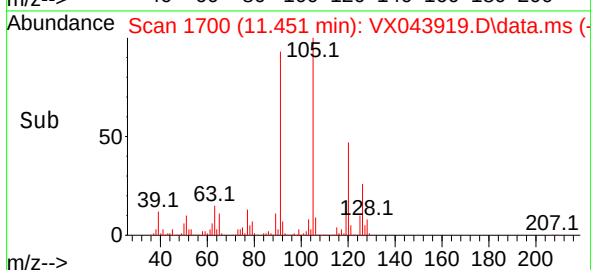
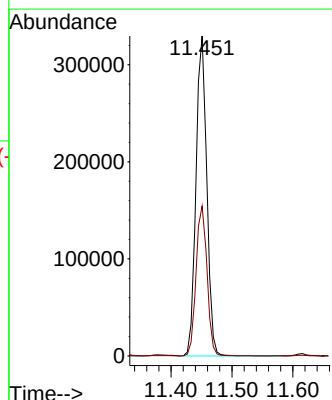
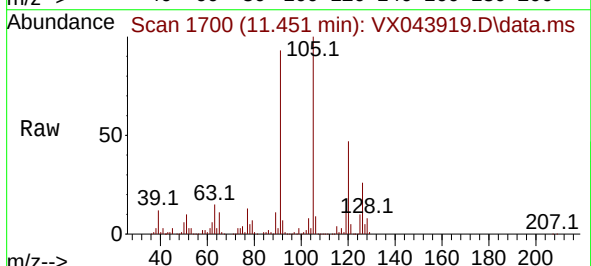
Acq: 20 Nov 2024 17:43

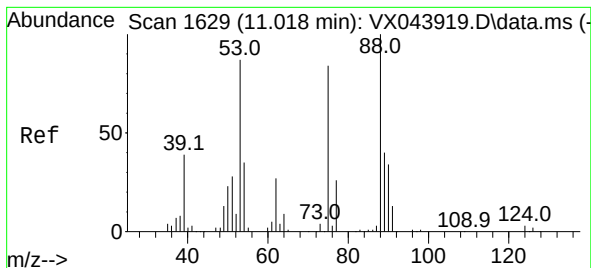
Tgt Ion:105 Resp: 404685

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.5

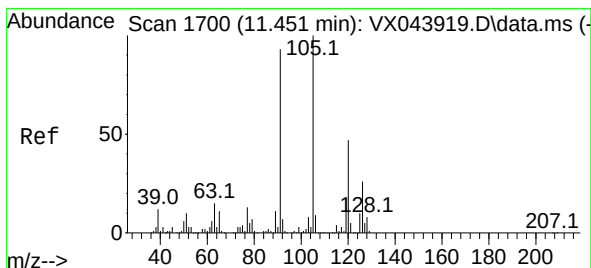
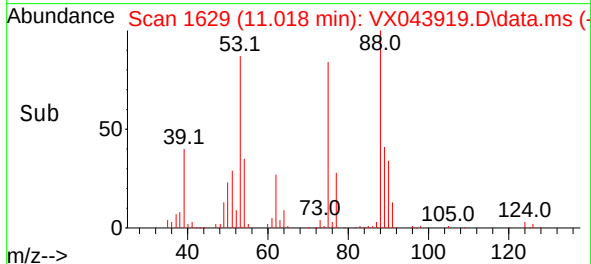
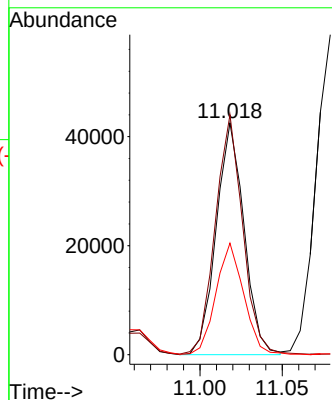
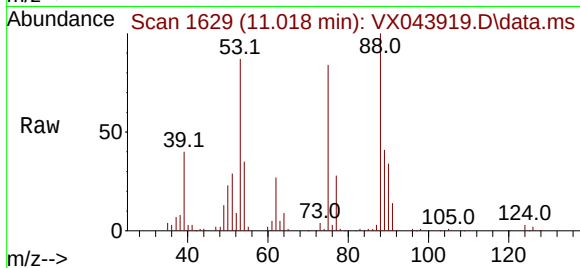




#81
trans-1,4-Dichloro-2-butene
Concen: 46.944 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

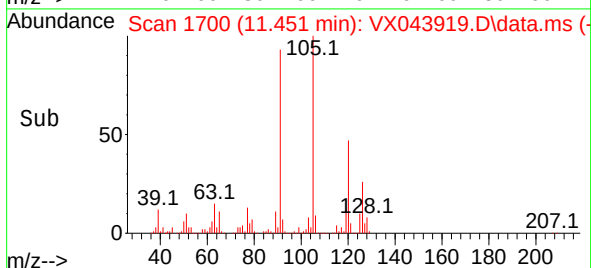
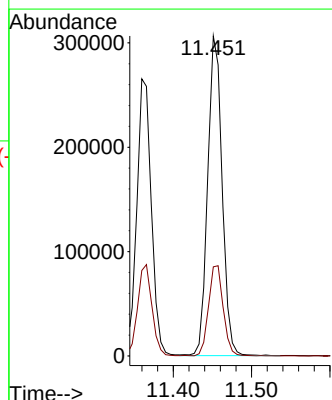
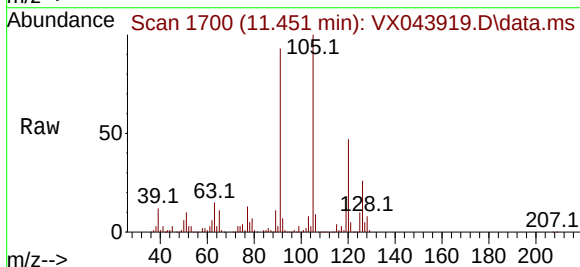
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

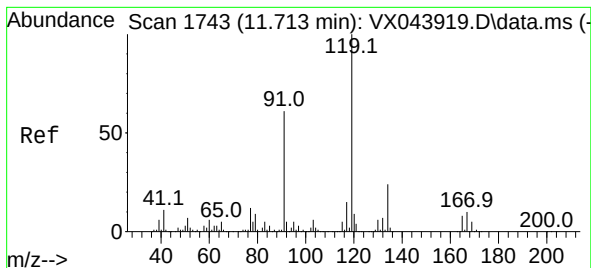
Tgt Ion: 75 Resp: 49982
Ion Ratio Lower Upper
75 100
53 102.1 81.7 122.5
89 48.2 38.6 57.8



#82
4-Chlorotoluene
Concen: 50.971 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion: 91 Resp: 390578
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 50.775 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

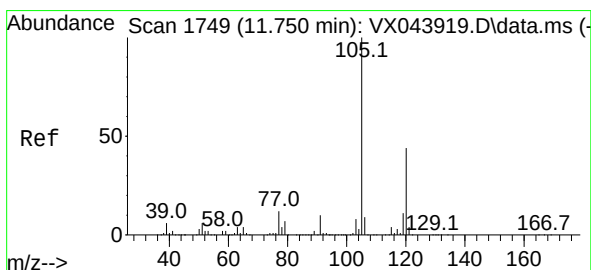
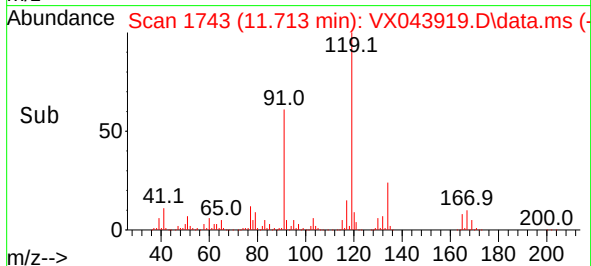
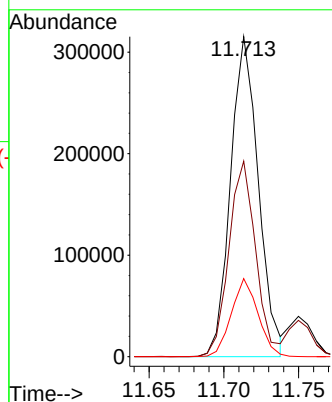
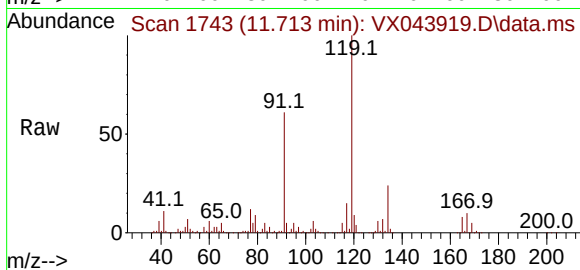
Tgt Ion:119 Resp: 408010

Ion Ratio Lower Upper

119 100

91 59.1 29.5 88.6

134 23.5 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 51.862 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043919.D

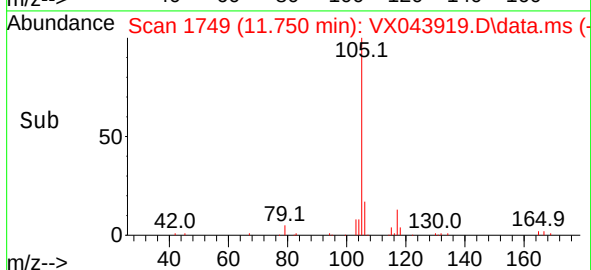
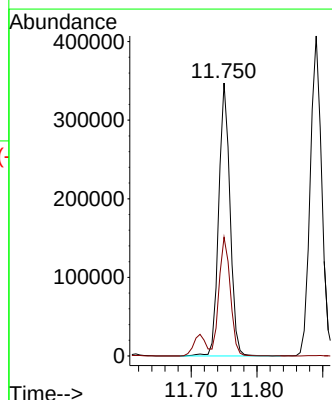
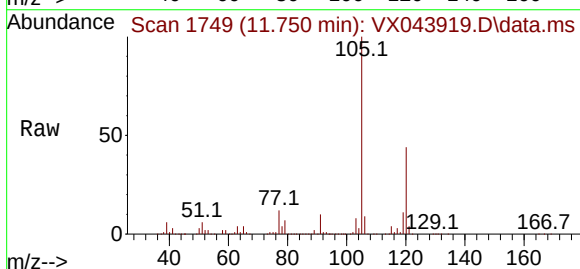
Acq: 20 Nov 2024 17:43

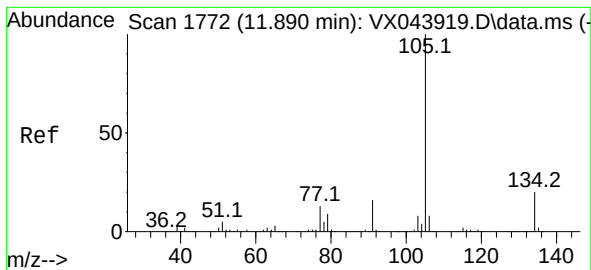
Tgt Ion:105 Resp: 413739

Ion Ratio Lower Upper

105 100

120 43.4 21.7 65.1

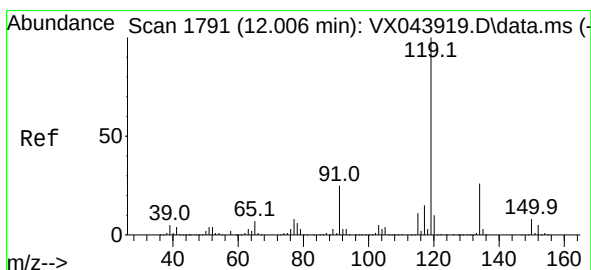
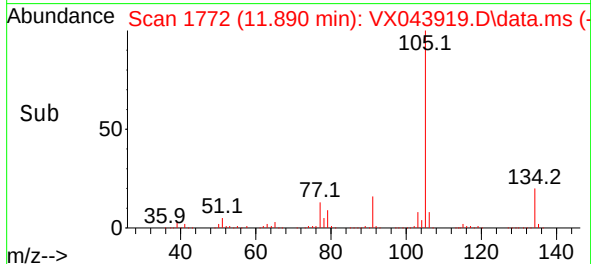
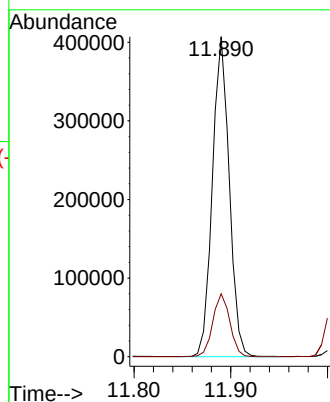
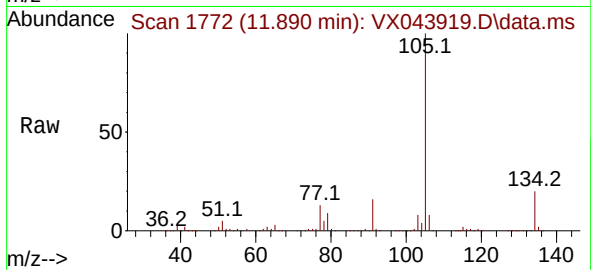




#85
sec-Butylbenzene
Concen: 51.358 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

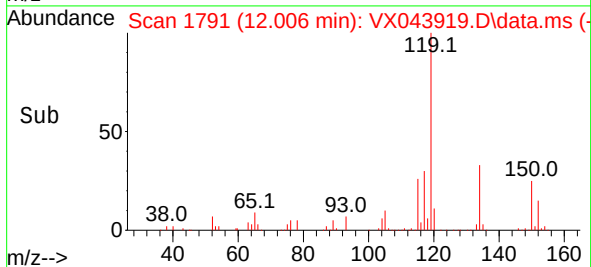
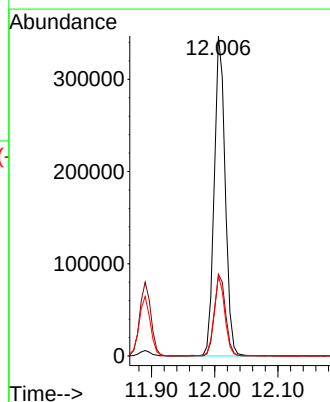
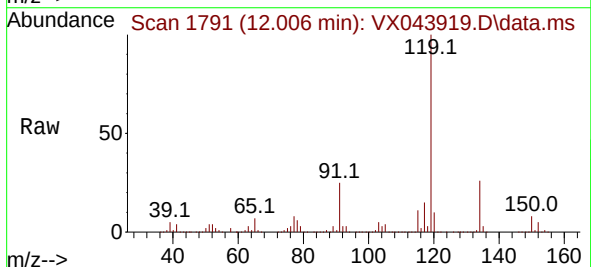
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

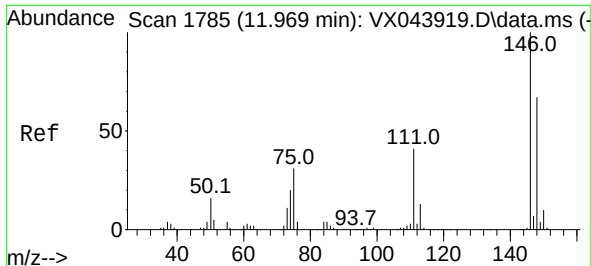
Tgt Ion:105 Resp: 492829
Ion Ratio Lower Upper
105 100
134 19.9 10.0 29.8



#86
p-Isopropyltoluene
Concen: 51.887 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX043919.D
Acq: 20 Nov 2024 17:43

Tgt Ion:119 Resp: 418078
Ion Ratio Lower Upper
119 100
134 25.9 13.0 38.9
91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.075 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

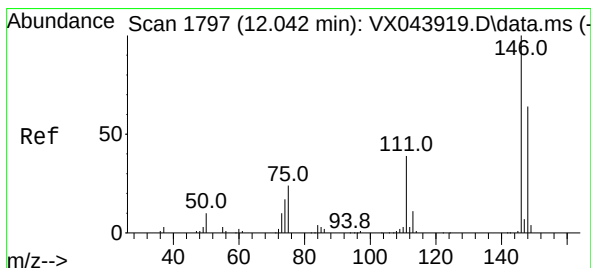
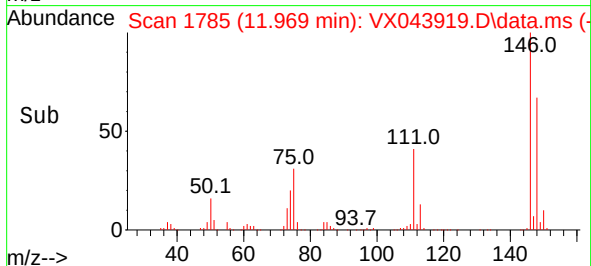
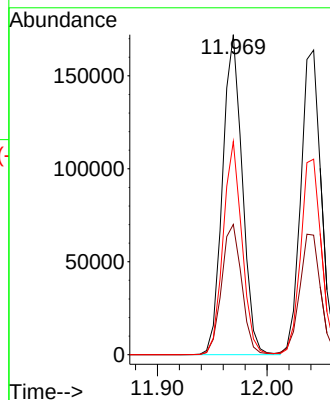
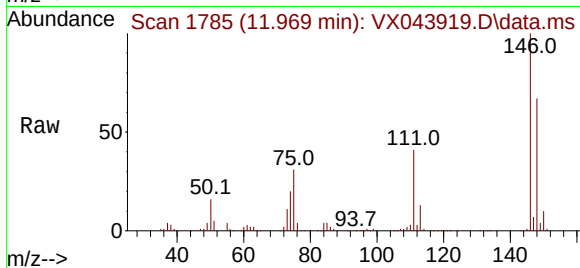
Tgt Ion:146 Resp: 215552

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.228 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

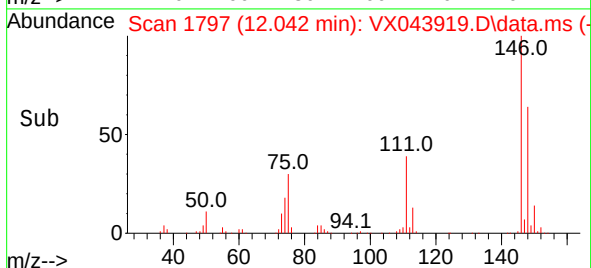
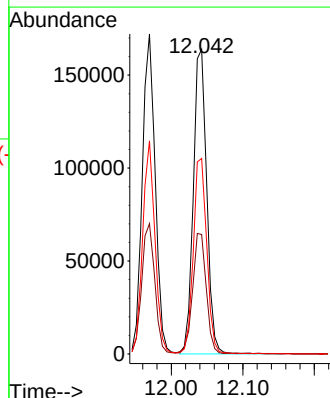
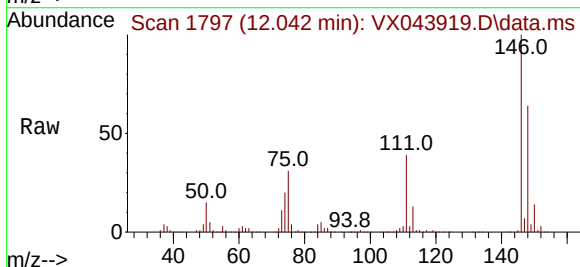
Tgt Ion:146 Resp: 212837

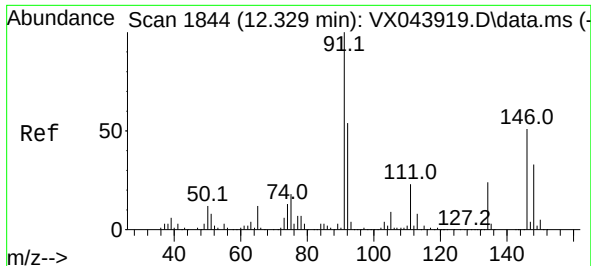
Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 50.741 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

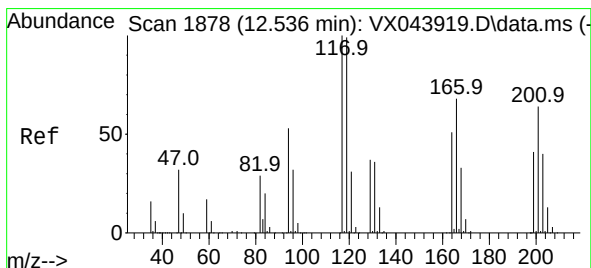
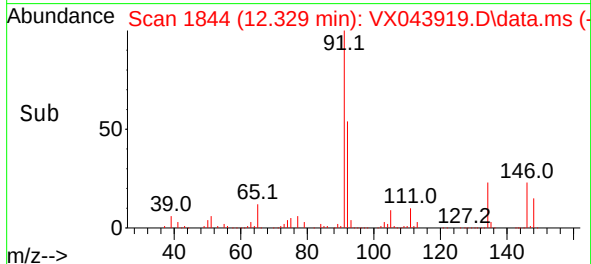
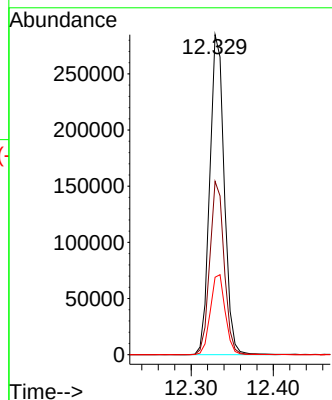
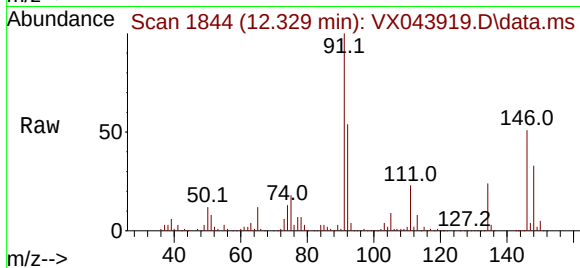
Tgt Ion: 91 Resp: 348371

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.6

134 25.7 12.9 38.6



#90

Hexachloroethane

Concen: 42.114 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043919.D

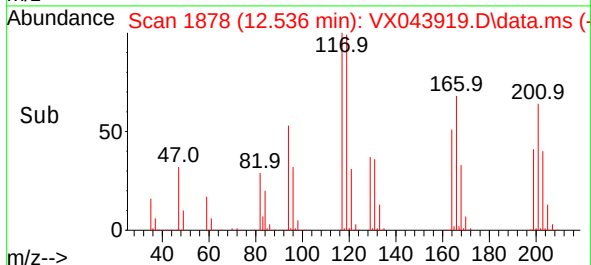
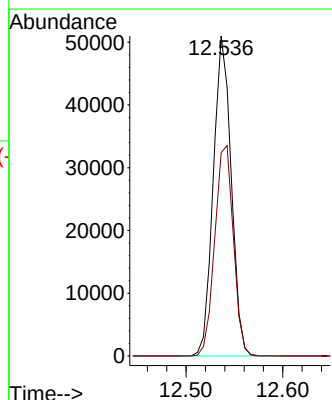
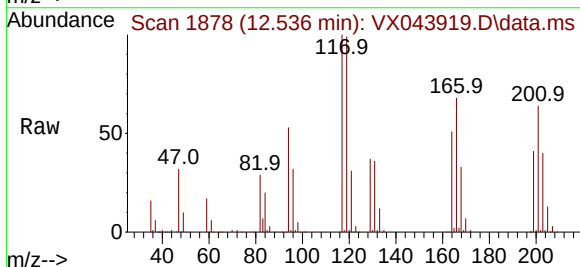
Acq: 20 Nov 2024 17:43

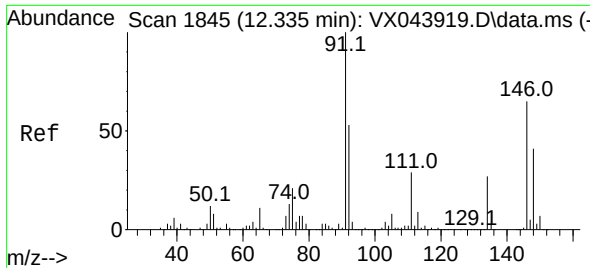
Tgt Ion: 117 Resp: 65522

Ion Ratio Lower Upper

117 100

201 68.2 34.1 102.3

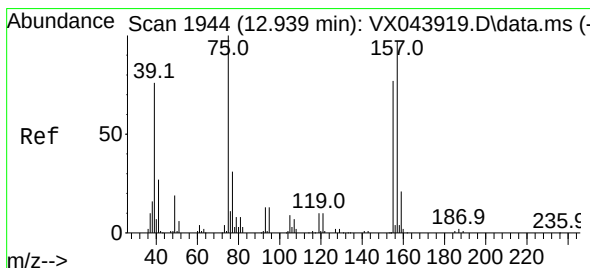
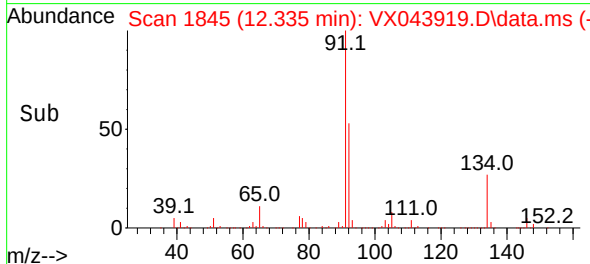
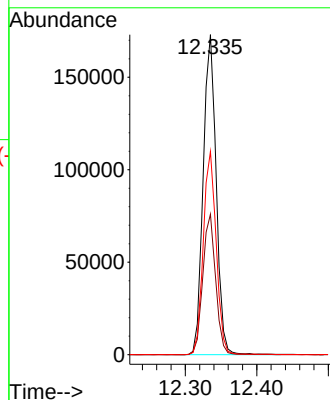
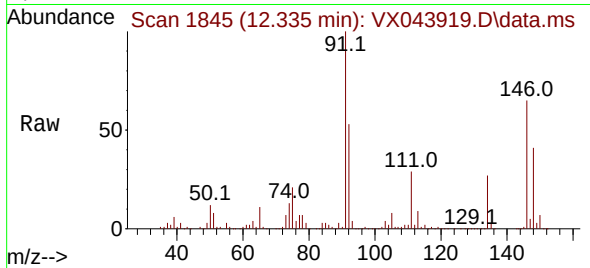




#91
 1,2-Dichlorobenzene
 Concen: 48.472 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX043919.D
 Acq: 20 Nov 2024 17:43

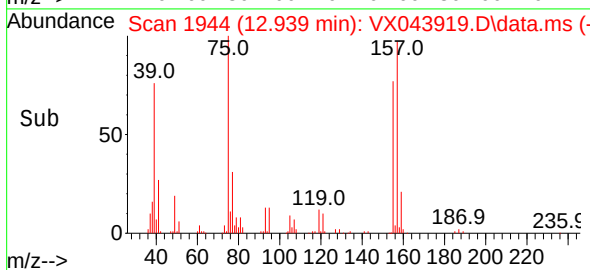
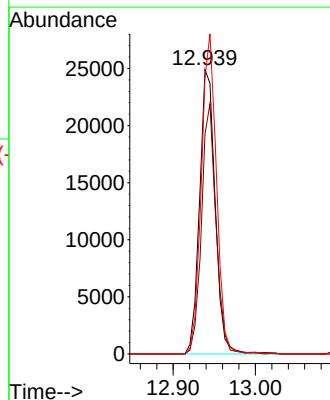
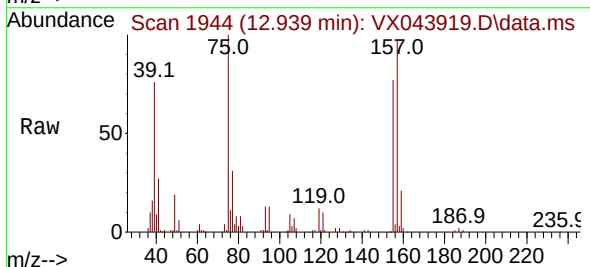
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

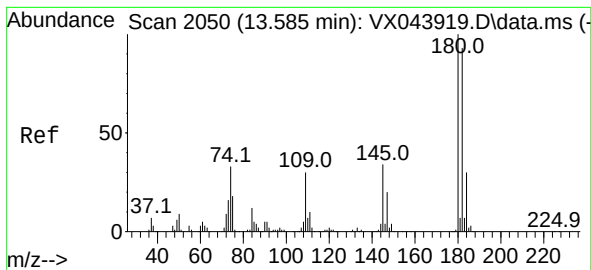
Tgt Ion:146 Resp: 218457
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.142 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX043919.D
 Acq: 20 Nov 2024 17:43

Tgt Ion: 75 Resp: 32857
 Ion Ratio Lower Upper
 75 100
 155 81.7 40.8 122.5
 157 108.6 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 49.471 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

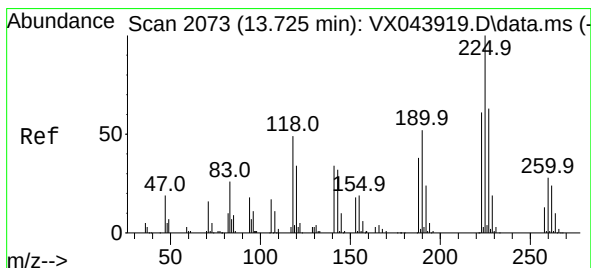
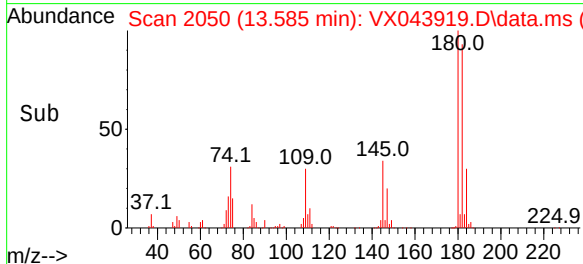
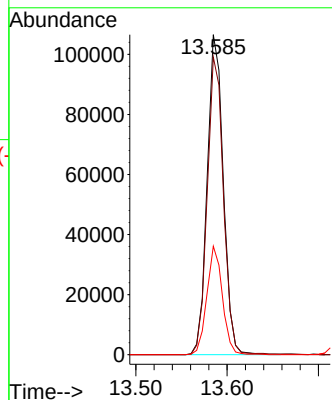
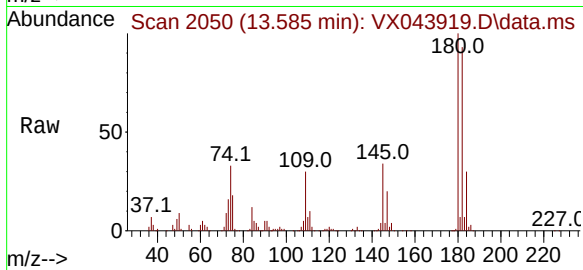
Tgt Ion:180 Resp: 130301

Ion Ratio Lower Upper

180 100

182 93.6 46.8 140.4

145 32.8 16.4 49.2



#94

Hexachlorobutadiene

Concen: 45.905 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

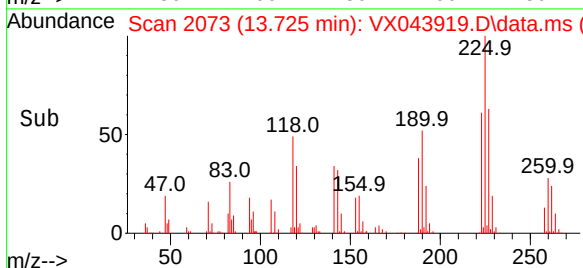
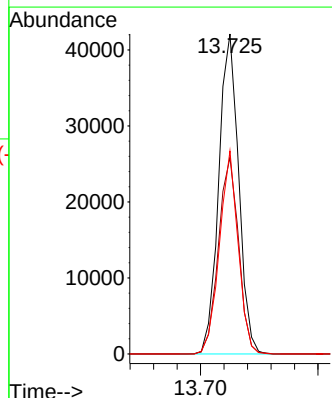
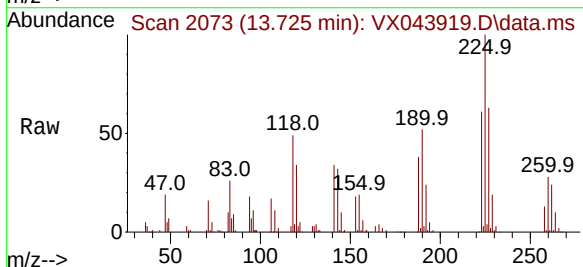
Tgt Ion:225 Resp: 49550

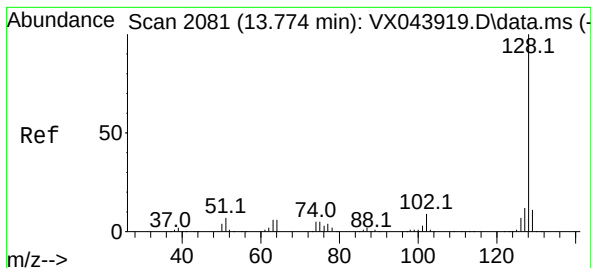
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 59.7 29.8 89.5





#95

Naphthalene

Concen: 50.556 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

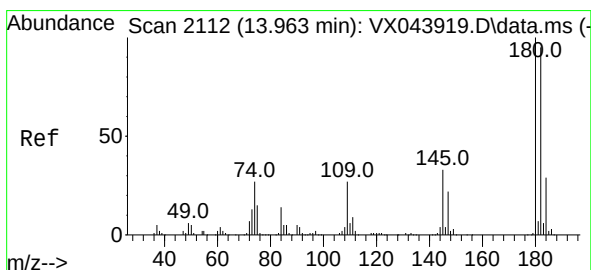
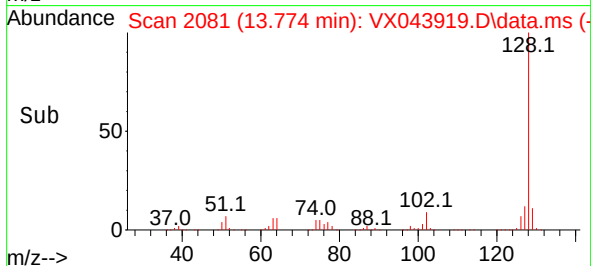
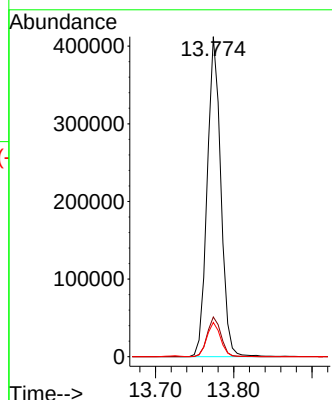
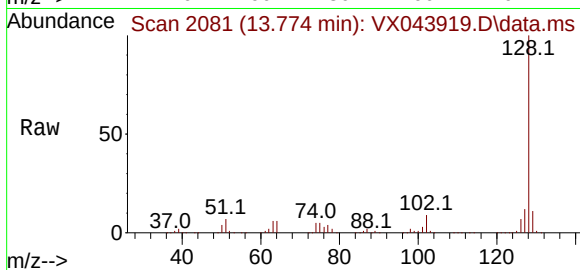
Tgt Ion:128 Resp: 496499

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.827 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043919.D

Acq: 20 Nov 2024 17:43

Tgt Ion:180 Resp: 136738

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 34.8 17.4 52.2

