

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024783.D
 Acq On : 13 Oct 2021 12:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 13 14:13:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 14:05:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100292	59.15	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.30%#
35) Dibromofluoromethane	5.391	113	81229	56.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.72%
50) Toluene-d8	8.653	98	296295	55.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.16%
62) 4-Bromofluorobenzene	11.085	95	109594	52.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.54%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	808	0.55	ug/l	91
3) Chloromethane	1.295	50	706	0.55	ug/l #	73
4) Vinyl Chloride	1.374	62	428	0.32	ug/l #	87
5) Bromomethane	1.612	94	853	Below	Cal	97
6) Chloroethane	1.691	64	474	0.58	ug/l #	75
7) Trichlorofluoromethane	1.892	101	808	0.36	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.337	101	695	0.52	ug/l #	83
10) Methyl Iodide	2.453	142	1643	1.88	ug/l #	95
11) Tert butyl alcohol	2.977	59	233	0.65	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	651	0.54	ug/l #	71
13) Acrolein	2.246	56	342	2.30	ug/l	96
14) Allyl chloride	2.672	41	667	0.31	ug/l #	68
15) Acrylonitrile	3.081	53	1175	1.47	ug/l	92
16) Acetone	2.392	43	892	Below	Cal #	74
17) Carbon Disulfide	2.514	76	6256	1.99	ug/l	99
18) Methyl Acetate	2.709	43	657	0.23	ug/l	93
20) Methylene Chloride	2.788	84	620	0.43	ug/l #	66
21) trans-1,2-Dichloroethene	3.099	96	1183	0.88	ug/l	95
23) Vinyl Acetate	3.739	43	1442	0.43	ug/l #	72
25) 2-Butanone	4.587	43	690	0.57	ug/l #	48
27) cis-1,2-Dichloroethene	4.501	96	702	0.46	ug/l #	11
29) Tetrahydrofuran	5.038	42	326	0.43	ug/l #	44
31) Cyclohexane	5.477	56	1009	0.45	ug/l #	72
36) 1,1-Dichloropropene	5.696	75	1097	0.51	ug/l #	80
38) Carbon Tetrachloride	5.690	117	493	0.21	ug/l #	70
39) Methylcyclohexane	7.385	83	1095	0.41	ug/l #	81
42) 1,2-Dichloroethane	6.099	62	562	0.22	ug/l #	77
44) Trichloroethene	7.129	130	887	0.51	ug/l	60
46) Dibromomethane	7.592	93	394	0.34	ug/l	95
52) Toluene	8.726	92	924	0.23	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	673	0.28	ug/l #	76
54) cis-1,3-Dichloropropene	8.366	75	519	0.20	ug/l #	73
56) Ethyl methacrylate	9.128	69	107	0.68	ug/l #	49
58) 2-Chloroethyl Vinyl ether	8.257	63	473	0.40	ug/l	95
59) 2-Hexanone	9.433	43	638	Below	Cal	92
64) Tetrachloroethene	9.275	164	809	0.47	ug/l	91

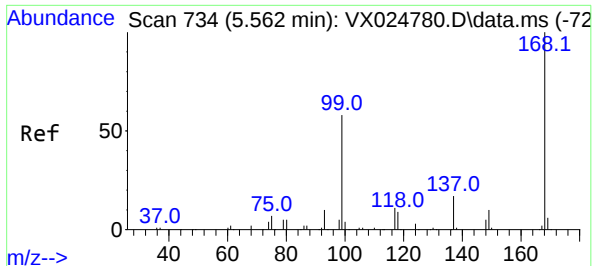
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
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 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 14:05:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.086	112	1376	0.30	ug/l	90
67) Ethyl Benzene	10.195	91	1946	0.24	ug/l	99
68) m/p-Xylenes	10.305	106	1667	0.54	ug/l	96
71) Bromoform	10.805	173	131	1.95	ug/l #	28
73) Isopropylbenzene	10.970	105	1965	0.29	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	56746	26.29	ug/l #	37
77) Bromobenzene	11.201	156	587	0.33	ug/l	86
78) n-propylbenzene	11.311	91	3293	0.42	ug/l	97
79) 2-Chlorotoluene	11.366	91	1724	0.36	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	1987	0.34	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	56746	70.78	ug/l #	9
82) 4-Chlorotoluene	11.457	91	2849	0.50	ug/l	96
83) tert-Butylbenzene	11.719	119	1420	0.25	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1805	0.31	ug/l	97
85) sec-Butylbenzene	11.896	105	2865	0.40	ug/l	99
86) p-Isopropyltoluene	12.012	119	2389	0.40	ug/l #	79
87) 1,3-Dichlorobenzene	11.976	146	1745	0.53	ug/l	97
88) 1,4-Dichlorobenzene	11.976	146	1745	0.52	ug/l	97
89) n-Butylbenzene	12.341	91	2875	0.54	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	1330	0.41	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	1657	0.83	ug/l	90
94) Hexachlorobutadiene	13.731	225	944	0.98	ug/l	81
95) Naphthalene	13.780	128	3289	0.70	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1530	0.76	ug/l	92

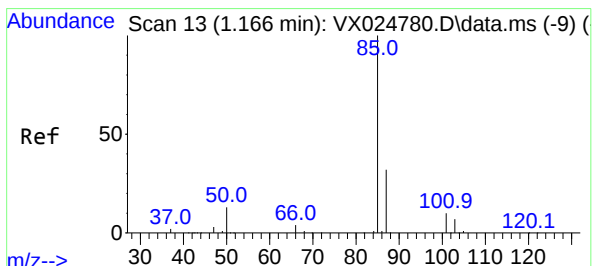
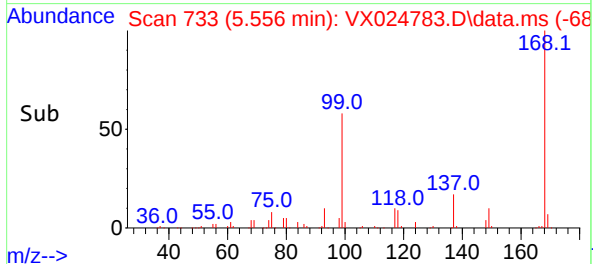
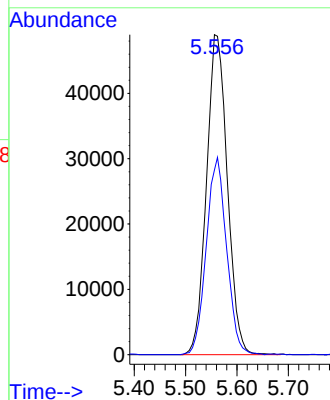
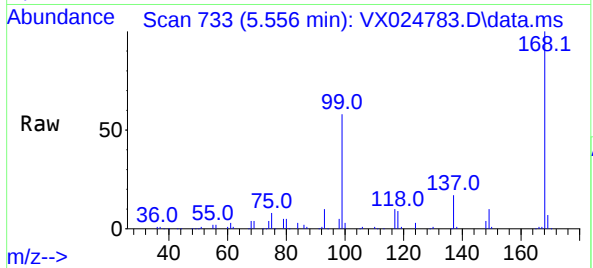
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

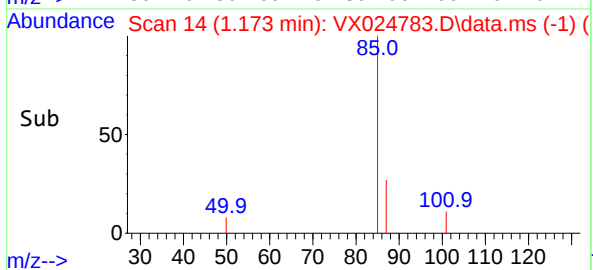
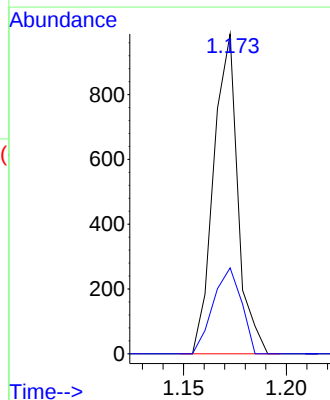
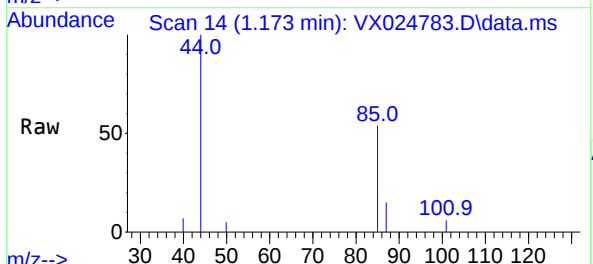
Instrument :
MSVOA_X
ClientSampled :
IBLK

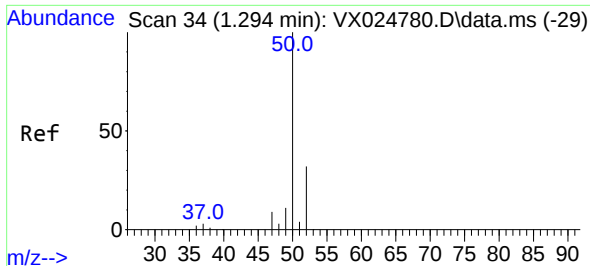
Tgt Ion:168 Resp: 137960
Ion Ratio Lower Upper
168 100
99 57.7 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.55 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 85 Resp: 808
Ion Ratio Lower Upper
85 100
87 26.8 16.0 47.9

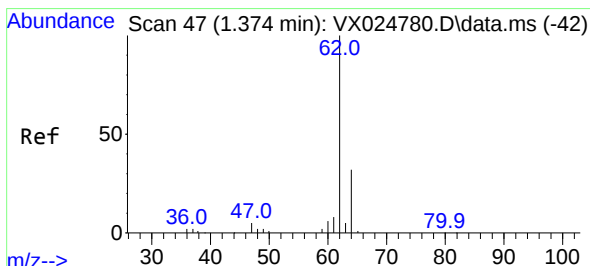
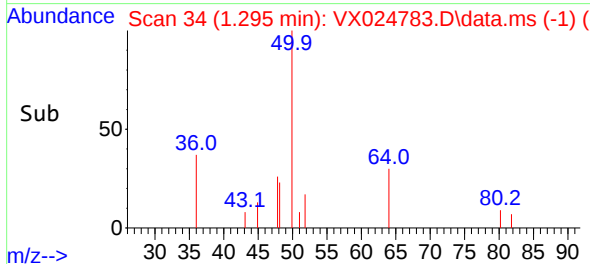
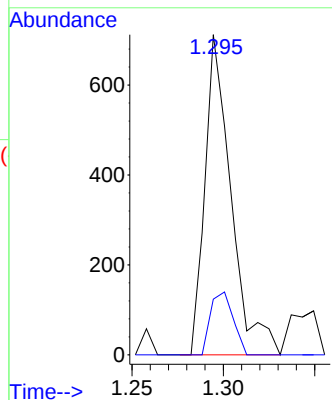
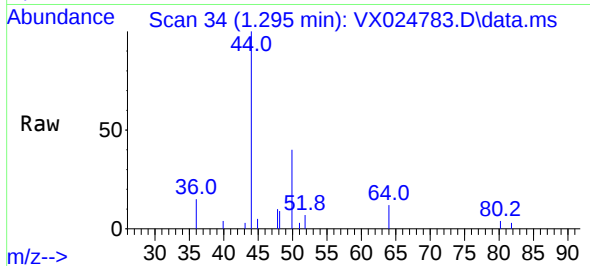




#3
Chloromethane
Concen: 0.55 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

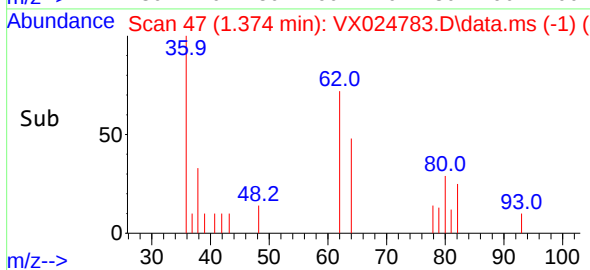
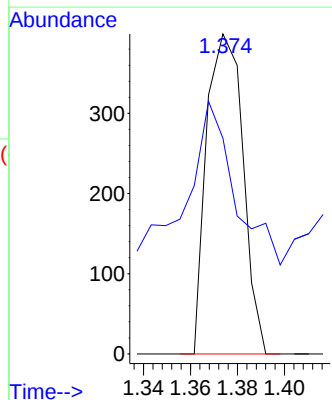
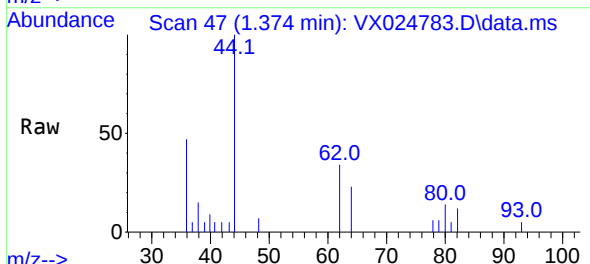
Instrument :
MSVOA_X
ClientSampled :
IBLK

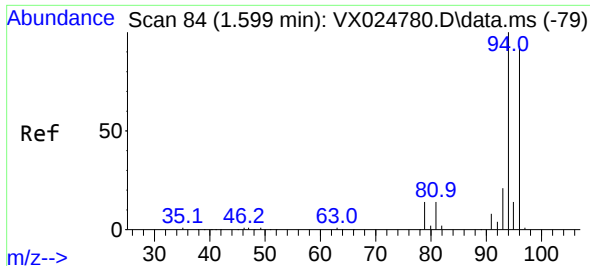
Tgt Ion: 50 Resp: 706
Ion Ratio Lower Upper
50 100
52 17.4 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.32 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 62 Resp: 428
Ion Ratio Lower Upper
62 100
64 39.6 26.0 39.0#

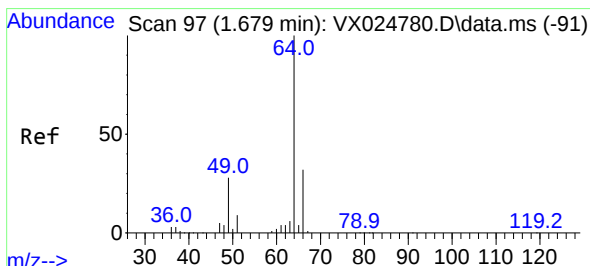
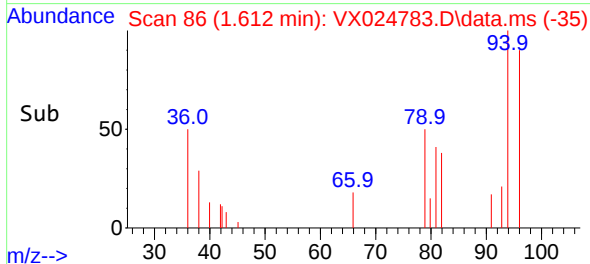
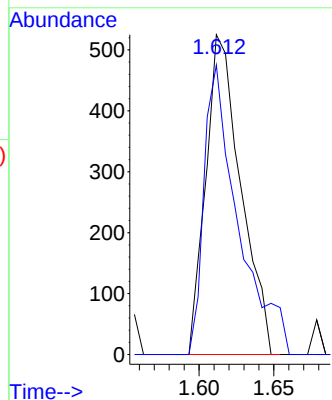
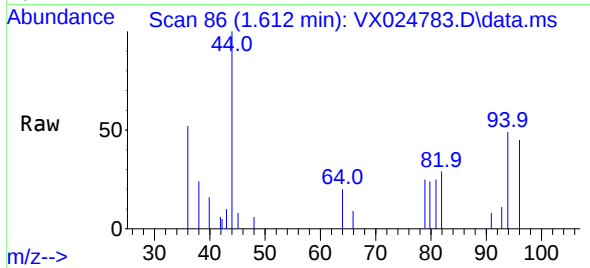




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

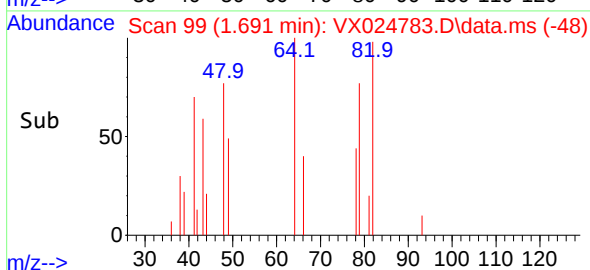
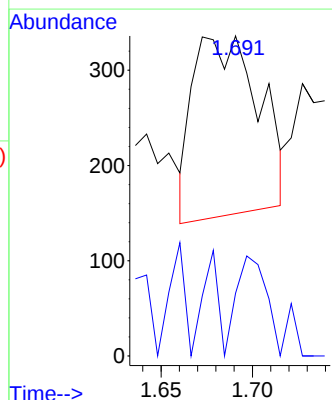
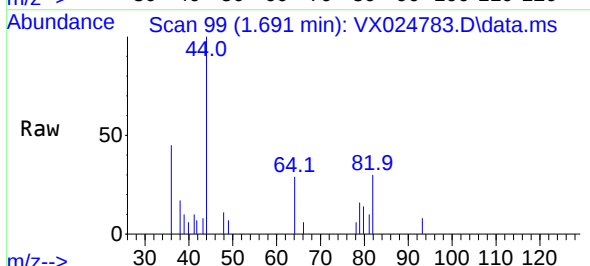
Instrument :
MSVOA_X
ClientSampled :
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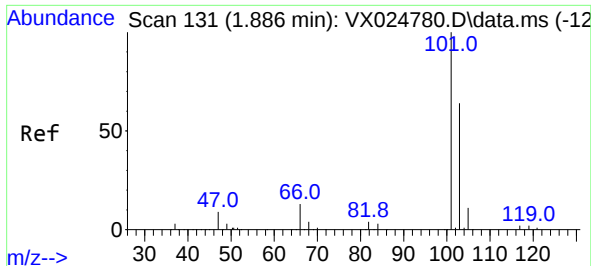
Tgt Ion: 94 Resp: 853
Ion Ratio Lower Upper
94 100
96 90.5 74.8 112.2



#6
Chloroethane
Concen: 0.58 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 64 Resp: 474
Ion Ratio Lower Upper
64 100
66 45.8 25.6 38.4#

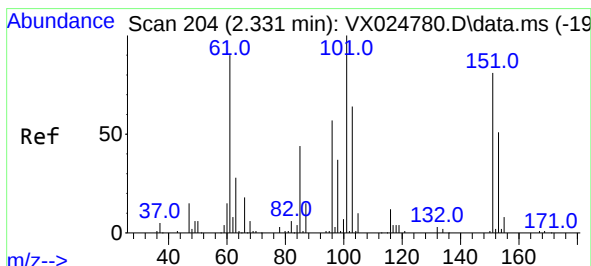
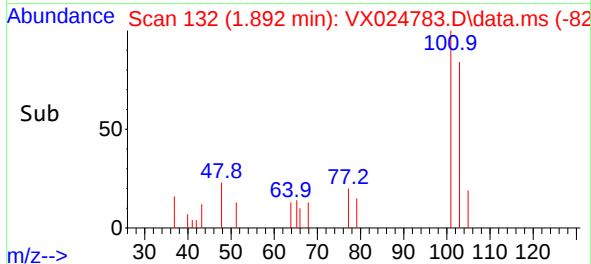
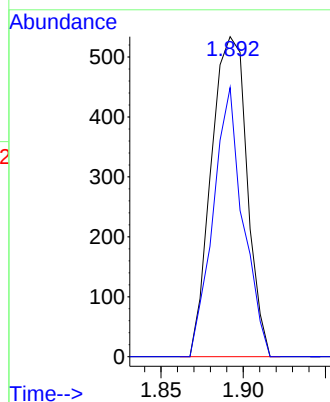
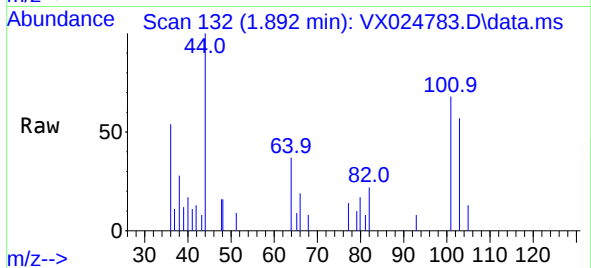




#7
Trichlorofluoromethane
Concen: 0.36 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

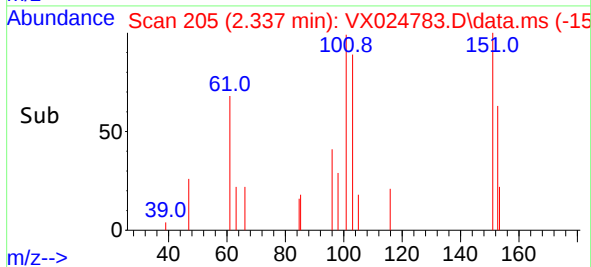
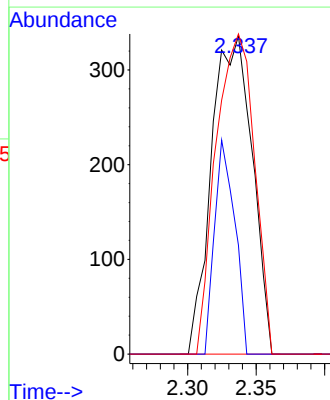
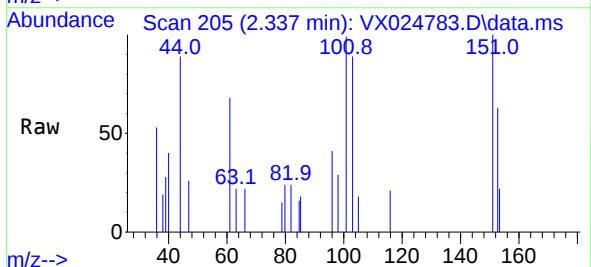
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MSVOA_X
ClientSampled :
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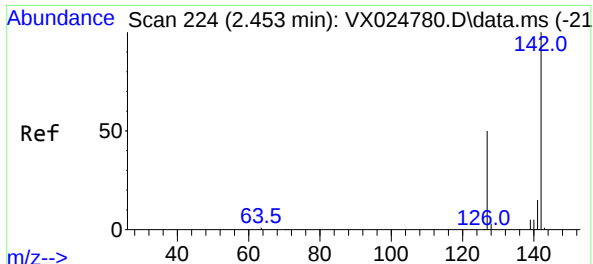
Tgt Ion:101 Resp: 808
Ion Ratio Lower Upper
101 100
103 84.1 51.0 76.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.52 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:101 Resp: 695
Ion Ratio Lower Upper
101 100
85 33.2 35.9 53.9#
151 95.1 64.4 96.6

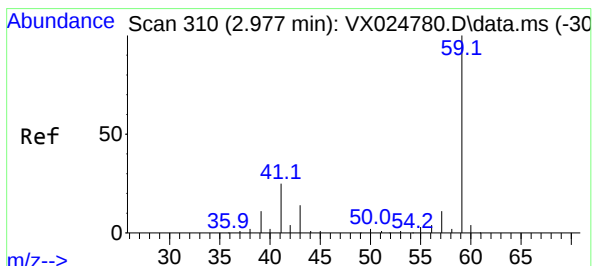
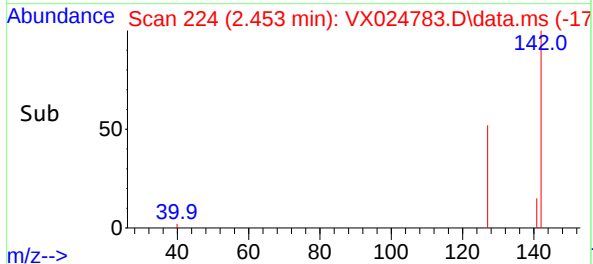
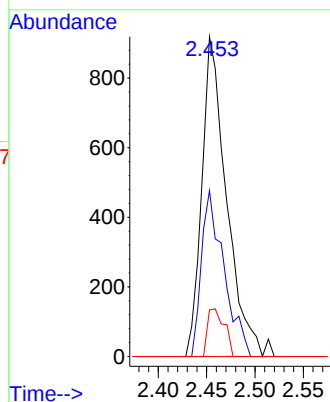
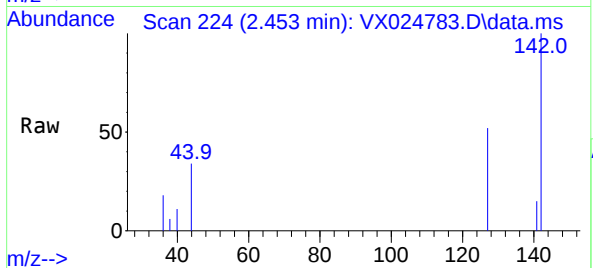




#10
Methyl Iodide
Concen: 1.88 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

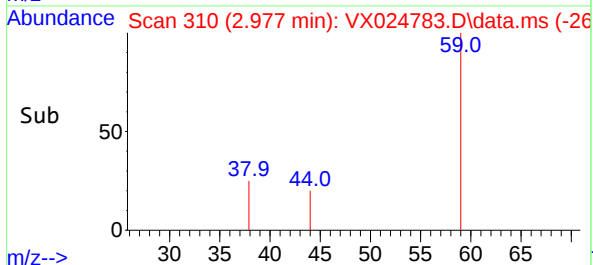
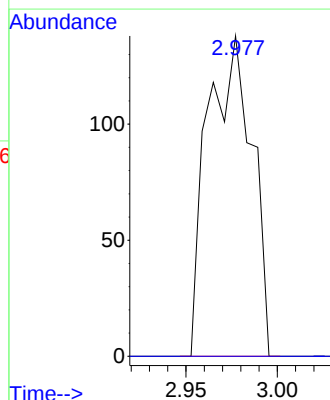
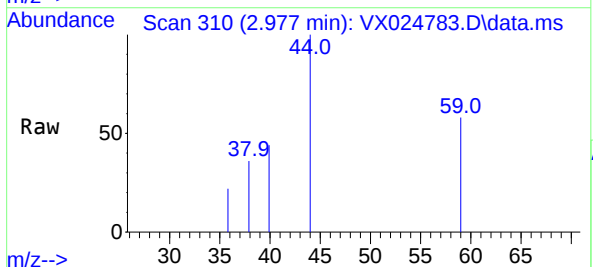
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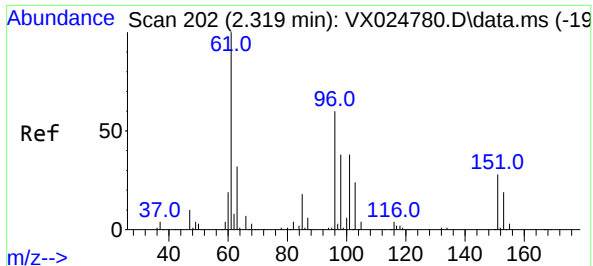
Tgt Ion:142 Resp: 1643
Ion Ratio Lower Upper
142 100
127 46.8 38.9 58.3
141 10.2 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

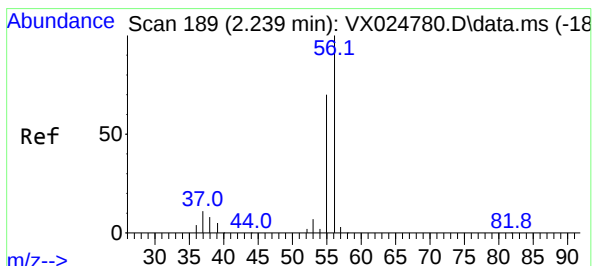
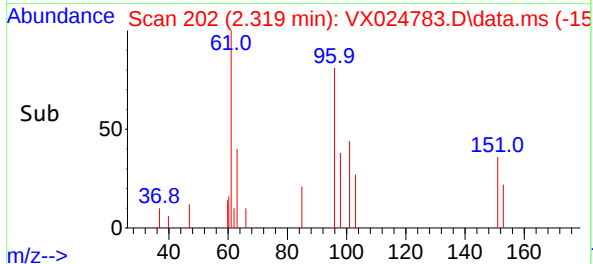
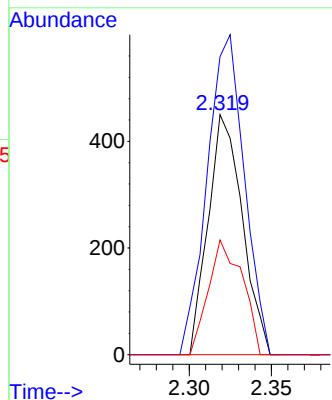
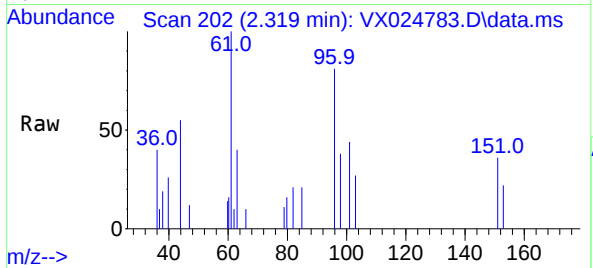




#12
1,1-Dichloroethene
Concen: 0.54 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

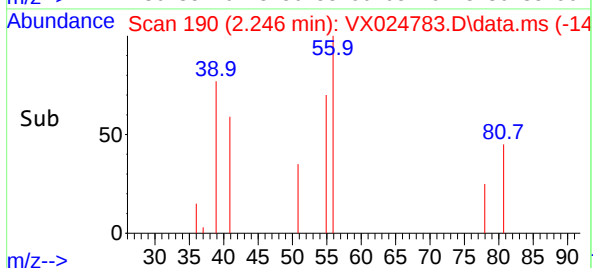
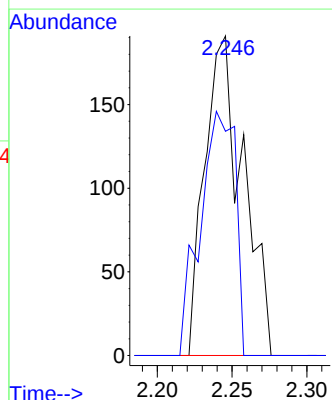
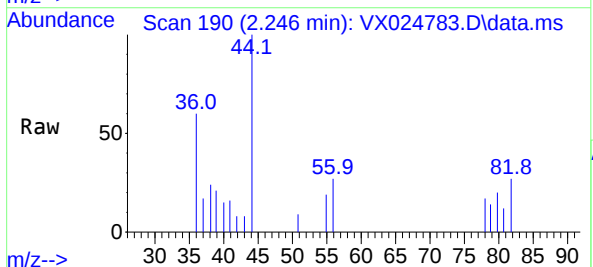
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ClientSampled :
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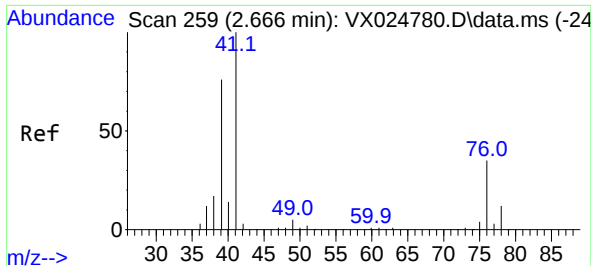
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Ion Ratio Lower Upper
96 100
61 124.2 134.1 201.1#
98 47.8 51.5 77.3#



#13
Acrolein
Concen: 2.30 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 69.9 58.6 87.8

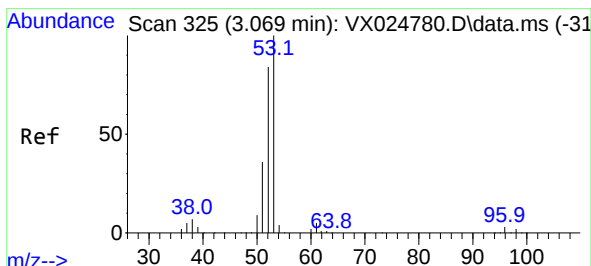
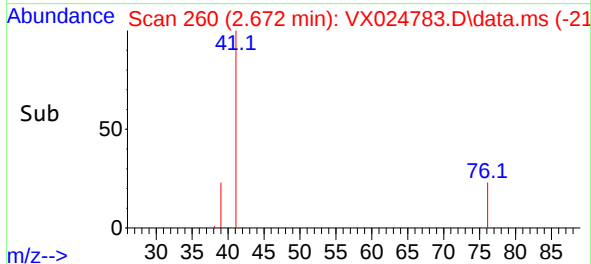
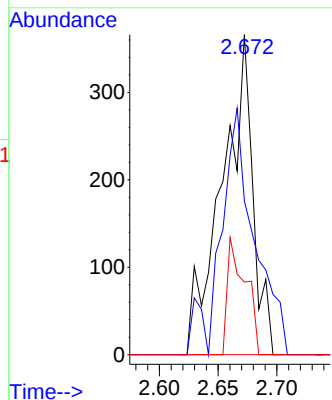
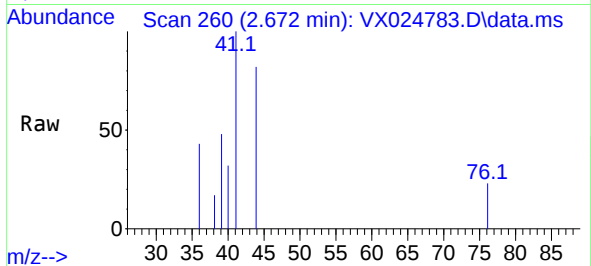




#14
 Allyl chloride
 Concen: 0.31 ug/l
 RT: 2.672 min Scan# 260
 Delta R.T. 0.006 min
 Lab File: VX024783.D
 Acq: 13 Oct 2021 12:24

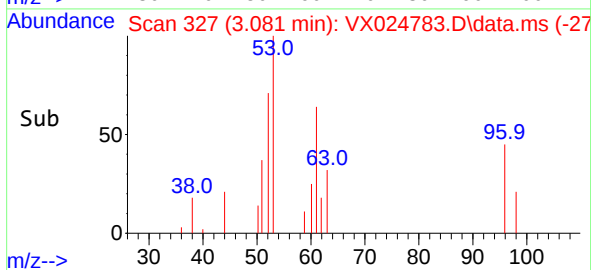
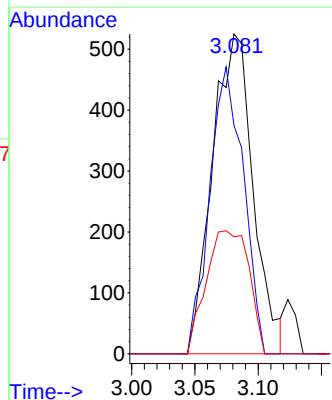
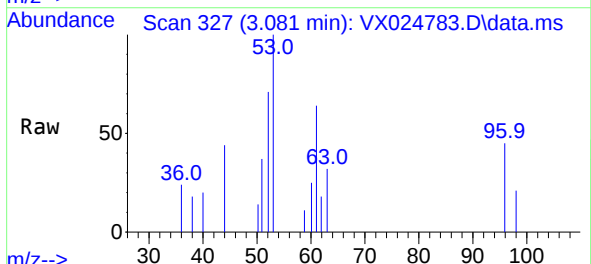
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

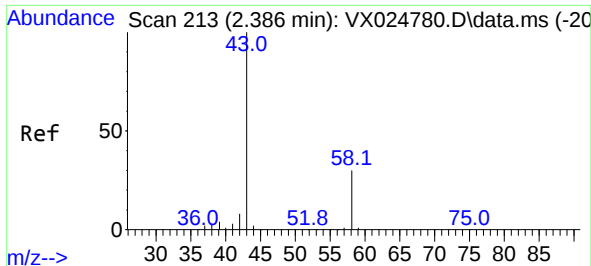
Tgt Ion:	41	Resp:	667
Ion	Ratio	Lower	Upper
41	100		
39	84.4	54.6	82.0#
76	0.0	25.3	37.9#



#15
 Acrylonitrile
 Concen: 1.47 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.012 min
 Lab File: VX024783.D
 Acq: 13 Oct 2021 12:24

Tgt Ion:	53	Resp:	1175
Ion	Ratio	Lower	Upper
53	100		
52	74.5	66.2	99.4
51	40.5	29.8	44.8

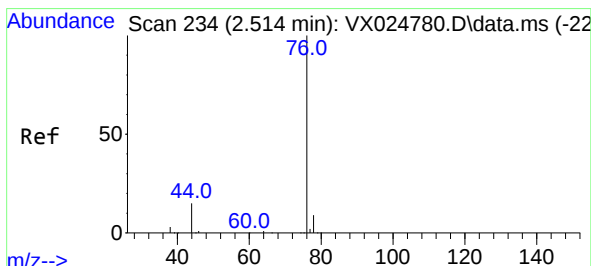
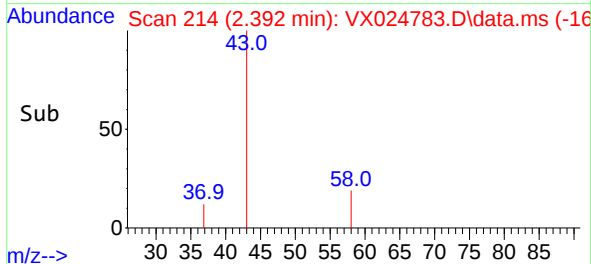
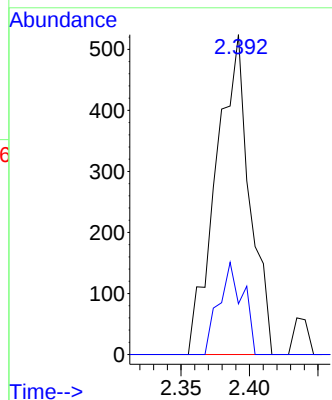
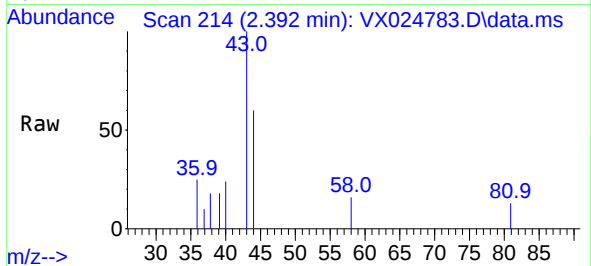




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

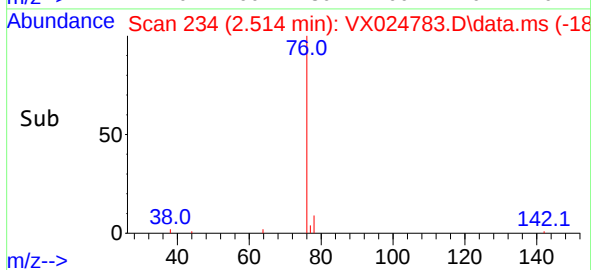
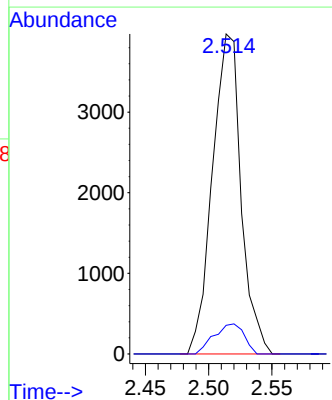
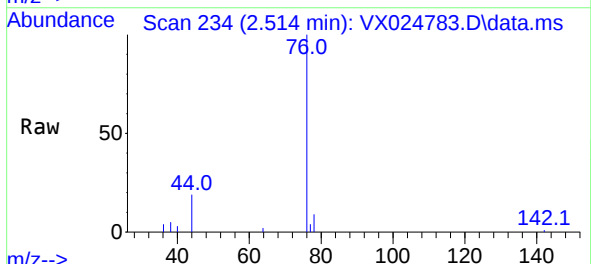
Instrument :
MSVOA_X
ClientSampled :
IBLK

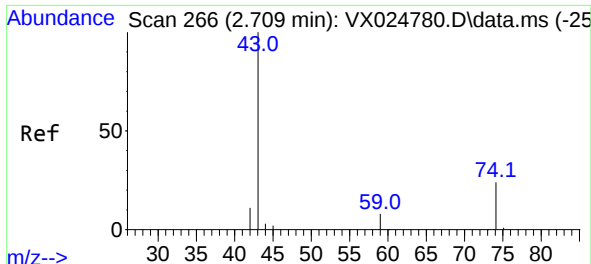
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 15.8 24.0 36.0#



#17
Carbon Disulfide
Concen: 1.99 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 76 Resp: 6256
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

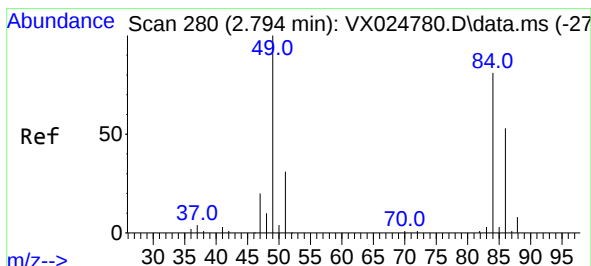
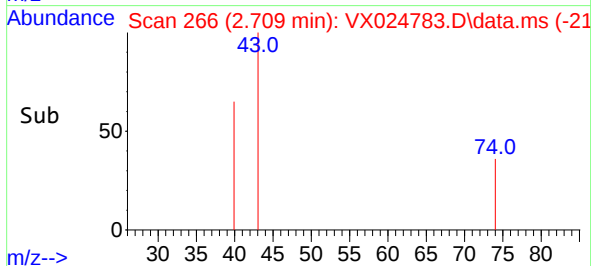
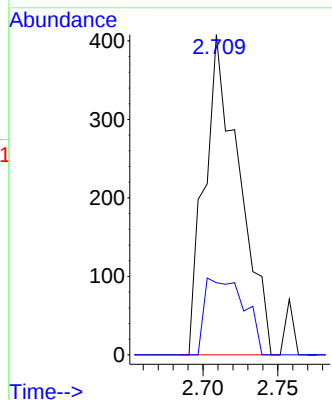
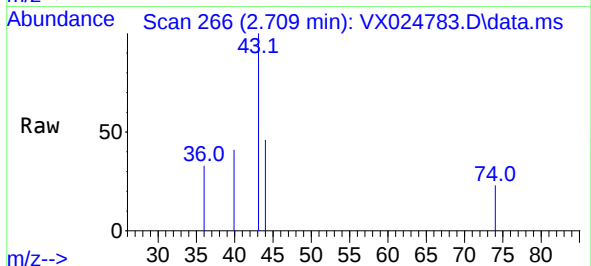




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

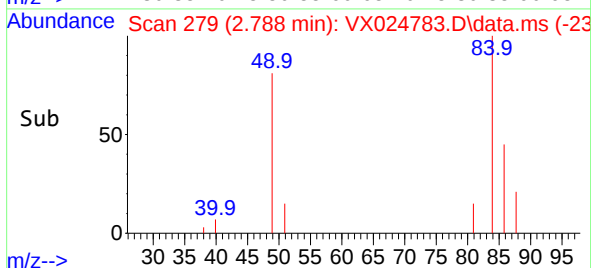
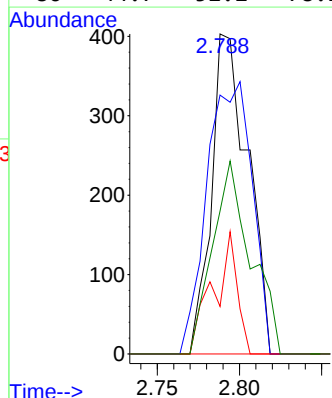
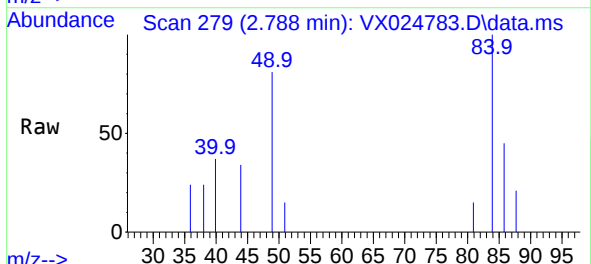
Instrument :
MSVOA_X
ClientSampled :
IBLK

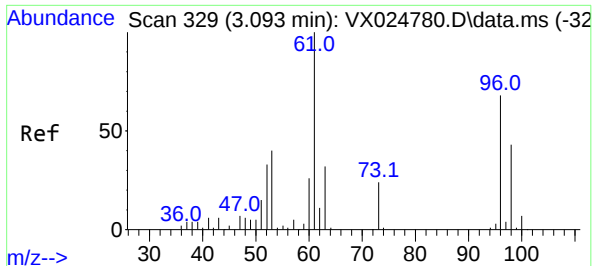
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 27.2 19.0 28.6



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 84 Resp: 620
Ion Ratio Lower Upper
84 100
49 80.9 98.2 147.2#
51 14.9 30.2 45.4#
86 44.7 52.2 78.2#

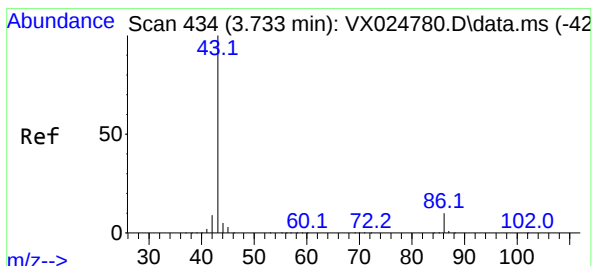
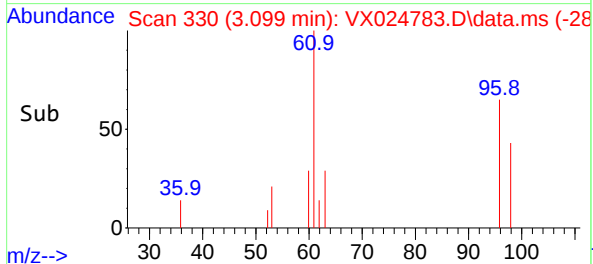
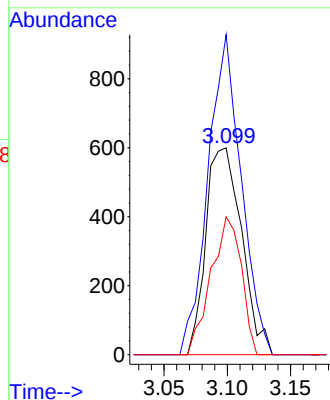
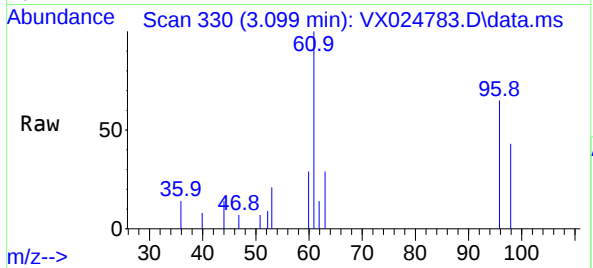




#21
trans-1,2-Dichloroethene
Concen: 0.88 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

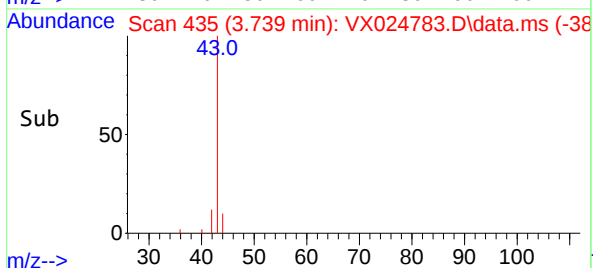
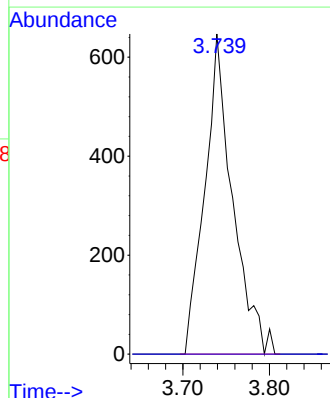
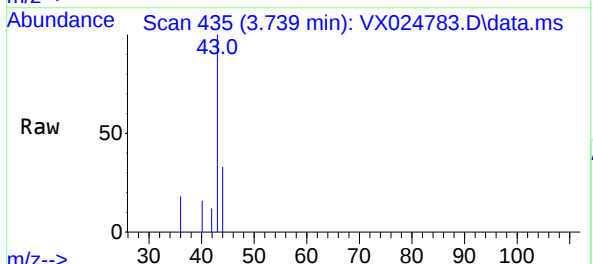
Instrument :
MSVOA_X
ClientSampled :
IBLK

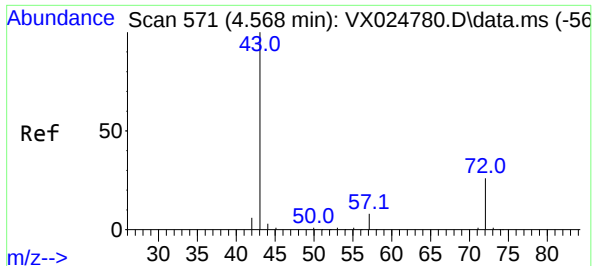
Tgt Ion: 96 Resp: 1183
Ion Ratio Lower Upper
96 100
61 154.7 117.9 176.9
98 66.7 51.1 76.7



#23
Vinyl Acetate
Concen: 0.43 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

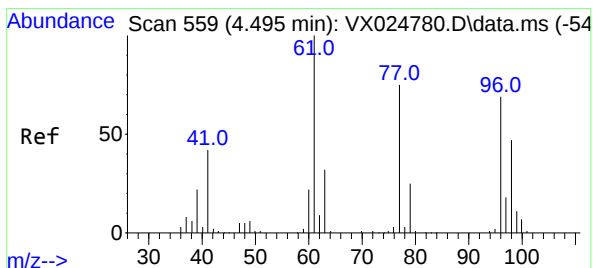
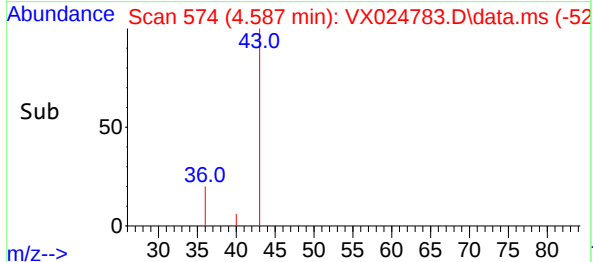
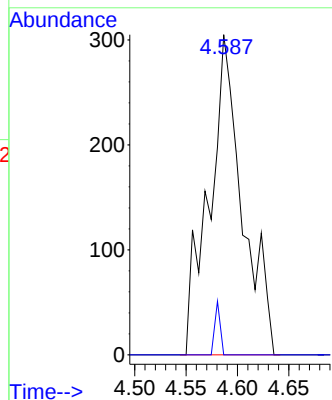
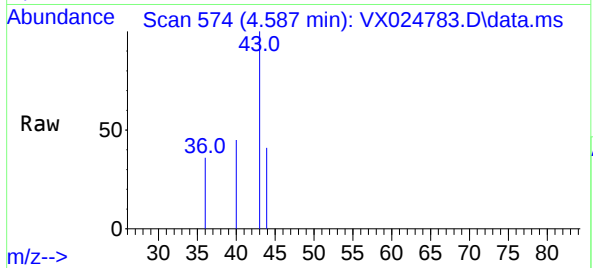




#25
2-Butanone
Concen: 0.57 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

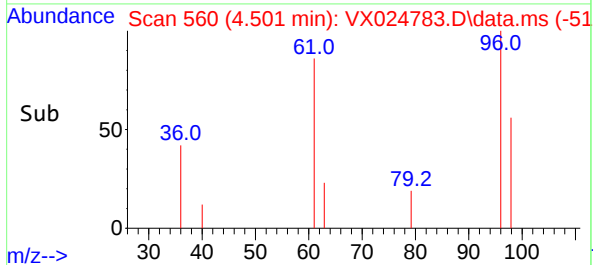
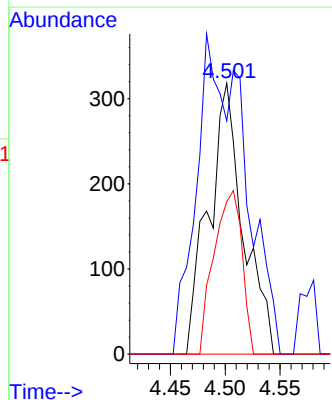
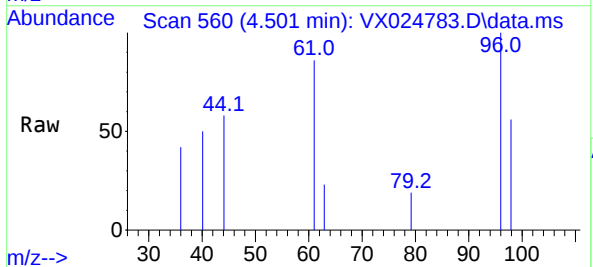
Instrument :
MSVOA_X
ClientSampled :
IBLK

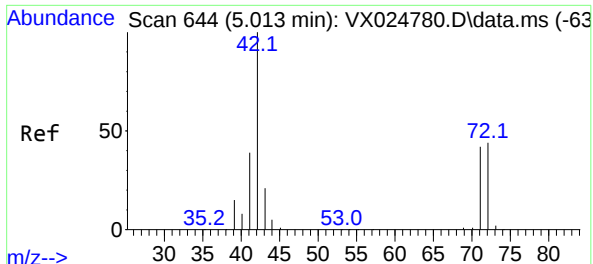
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#27
cis-1,2-Dichloroethene
Concen: 0.46 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 96 Resp: 702
Ion Ratio Lower Upper
96 100
61 0.0 0.0 302.2
98 48.3 0.0 131.4





#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.038 min Scan# 648

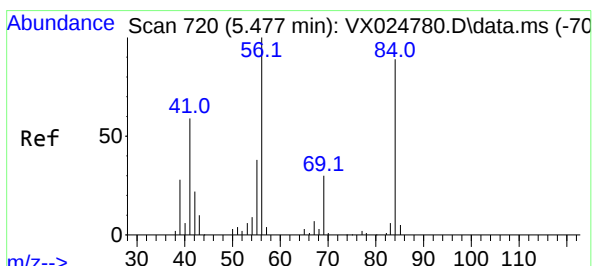
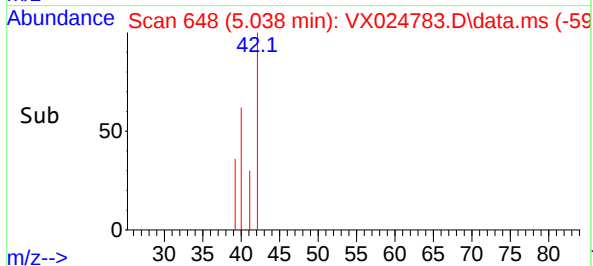
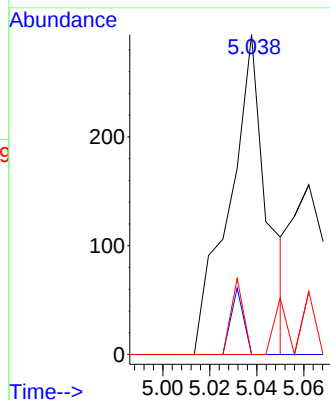
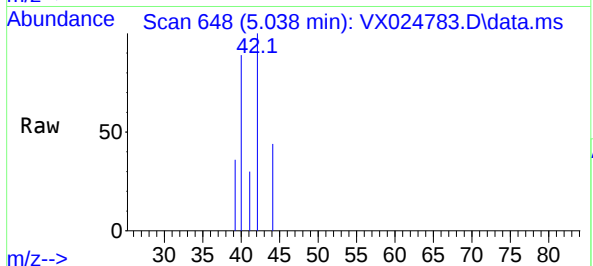
Delta R.T. 0.024 min

Lab File: VX024783.D

Acq: 13 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:	42	Resp:	326
Ion	Ratio	Lower	Upper
42	100		
72	6.7	36.1	54.1#
71	8.0	33.7	50.5#



#31

Cyclohexane

Concen: 0.45 ug/l

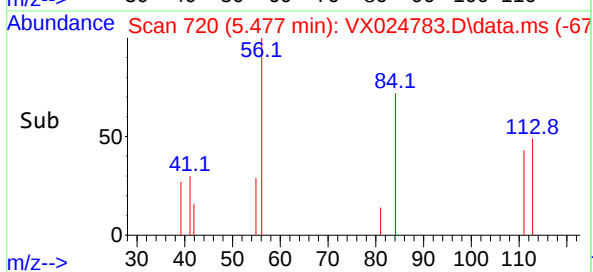
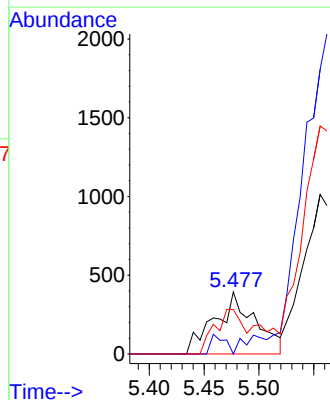
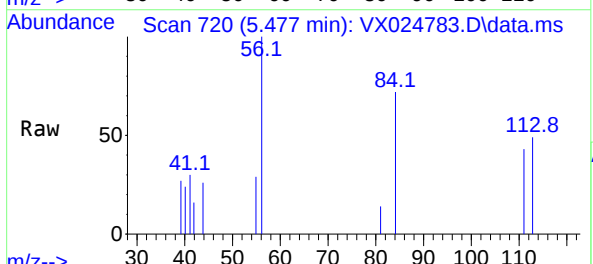
RT: 5.477 min Scan# 720

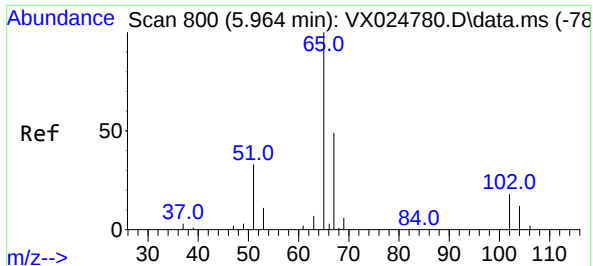
Delta R.T. 0.000 min

Lab File: VX024783.D

Acq: 13 Oct 2021 12:24

Tgt Ion:	56	Resp:	1009
Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.2	36.2#
84	71.6	71.5	107.3





#33

1,2-Dichloroethane-d4

Concen: 59.15 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024783.D

Acq: 13 Oct 2021 12:24

Tgt Ion: 65 Resp: 100292

Ion Ratio Lower Upper

65 100

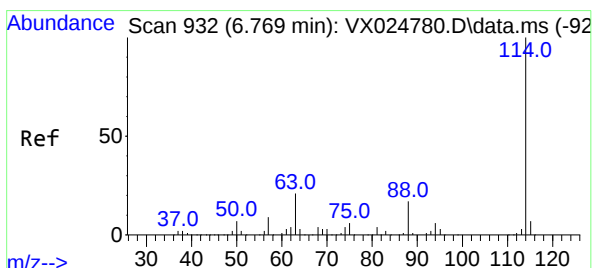
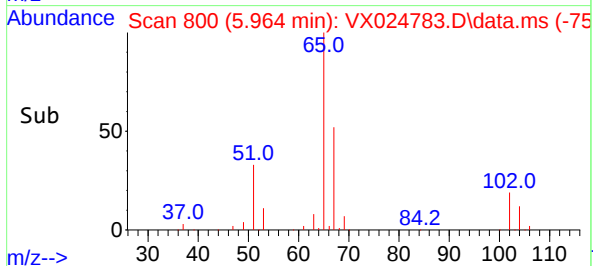
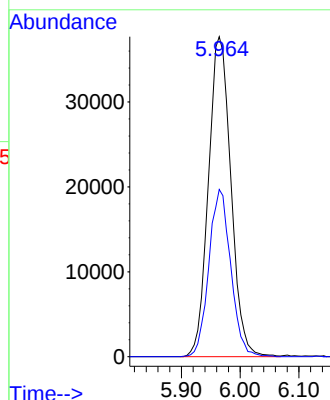
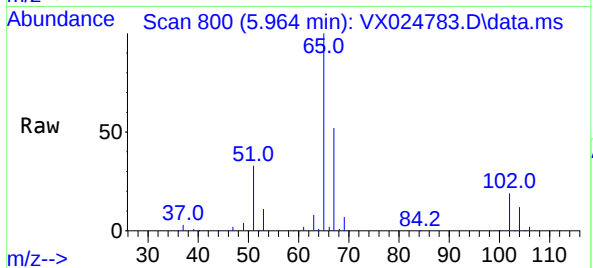
67 50.8 0.0 101.0

Instrument :

MSVOA_X

ClientSampled :

IBLK



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024783.D

Acq: 13 Oct 2021 12:24

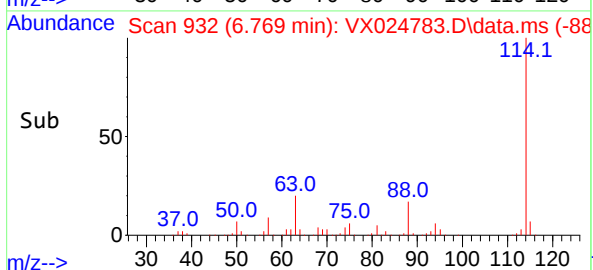
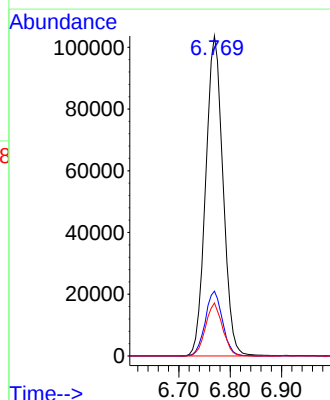
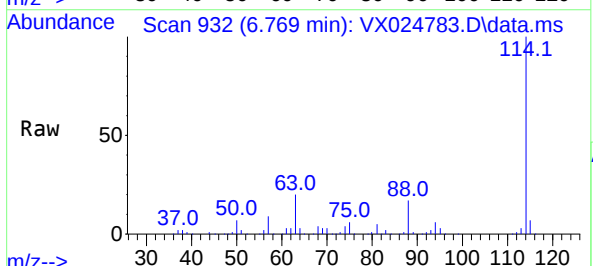
Tgt Ion: 114 Resp: 242095

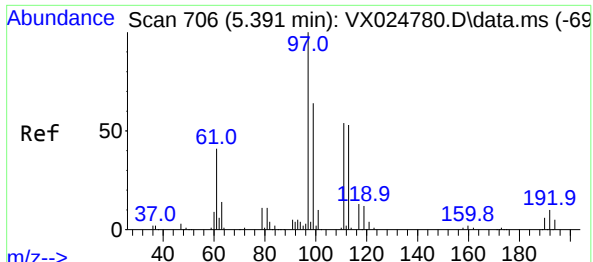
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 16.6 0.0 34.8

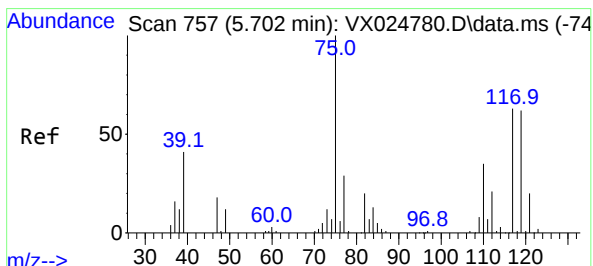
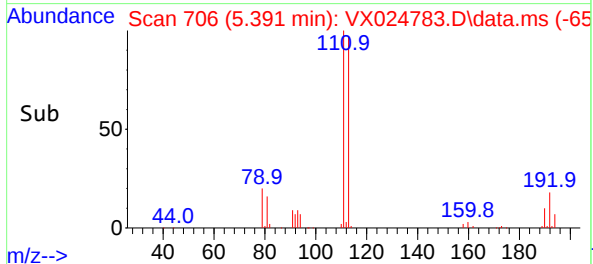
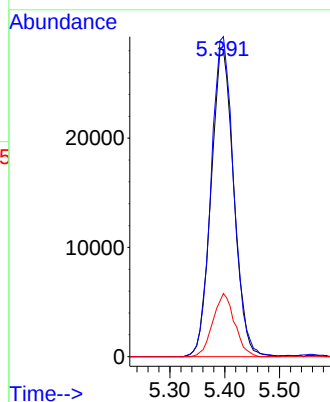
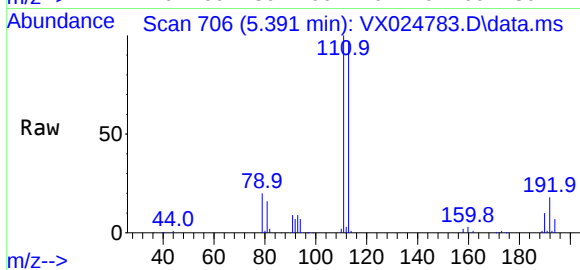




#35
Dibromofluoromethane
Concen: 56.36 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

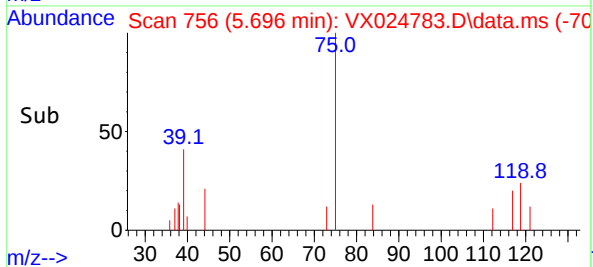
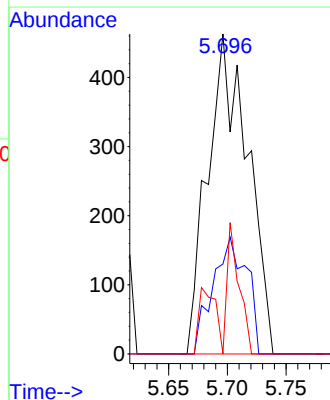
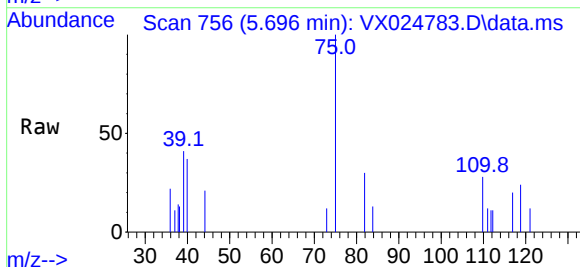
Instrument :
MSVOA_X
ClientSampleId :
IBLK

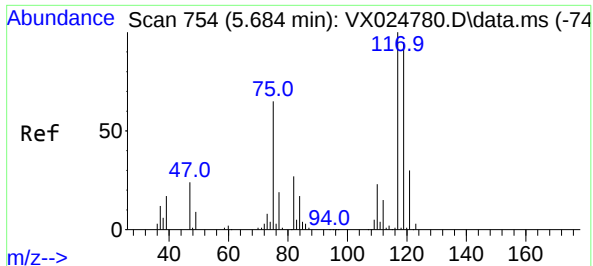
Tgt Ion:	113	Resp:	81229
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	19.6	15.6	23.4



#36
1,1-Dichloropropene
Concen: 0.51 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:	75	Resp:	1097
Ion	Ratio	Lower	Upper
75	100		
110	30.7	18.1	54.3
77	12.3	24.4	36.6#

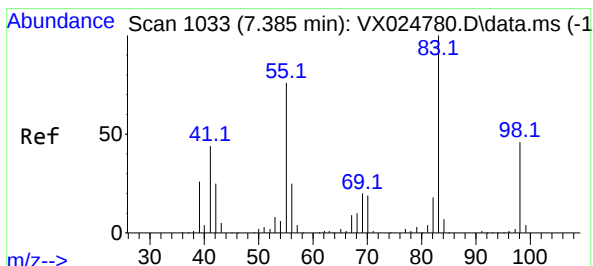
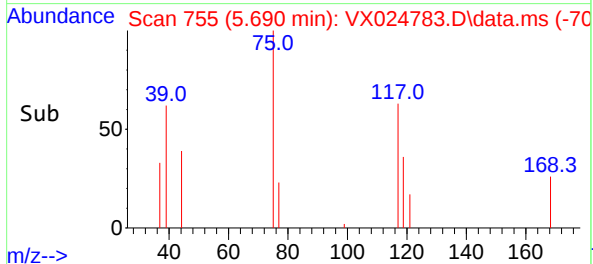
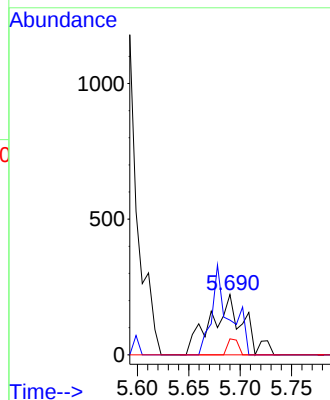
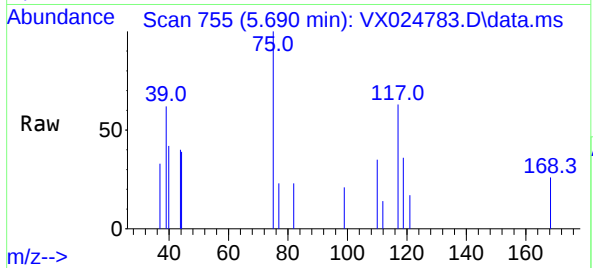




#38
Carbon Tetrachloride
Concen: 0.21 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

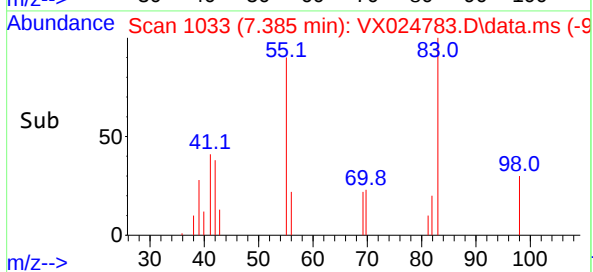
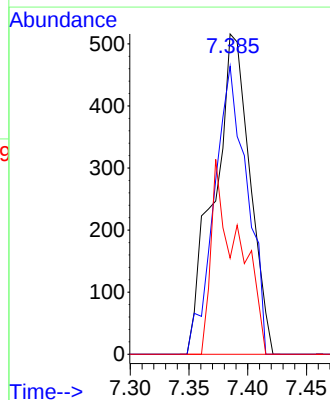
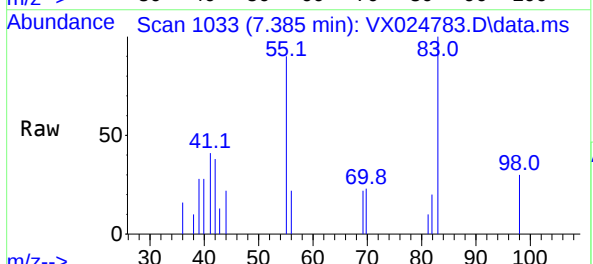
Instrument :
MSVOA_X
ClientSampled :
IBLK

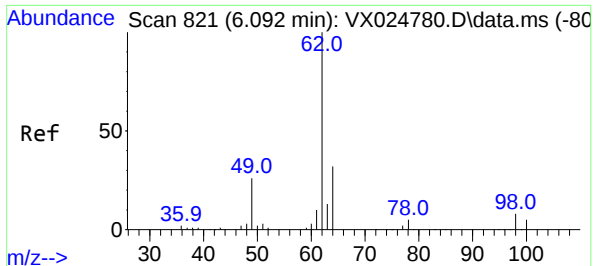
Tgt Ion:117 Resp: 493
Ion Ratio Lower Upper
117 100
119 57.7 75.6 113.4#
121 26.6 23.7 35.5



#39
Methylcyclohexane
Concen: 0.41 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 83 Resp: 1095
Ion Ratio Lower Upper
83 100
55 89.9 60.8 91.2
98 30.0 37.0 55.4#





#42

1,2-Dichloroethane

Concen: 0.22 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX024783.D

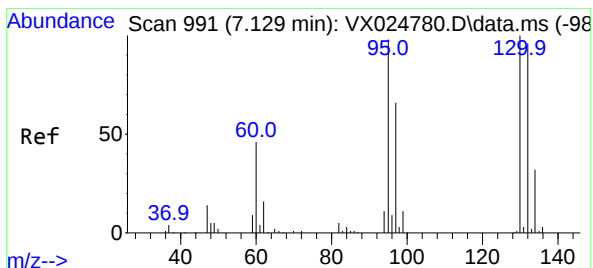
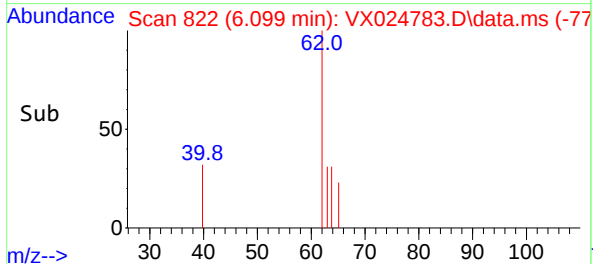
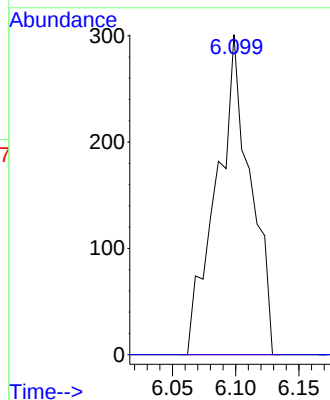
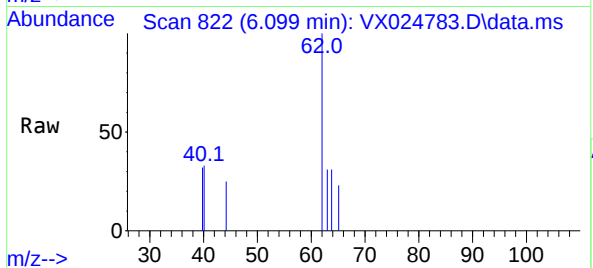
Acq: 13 Oct 2021 12:24

Tgt Ion: 62 Resp: 562

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 0.51 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX024783.D

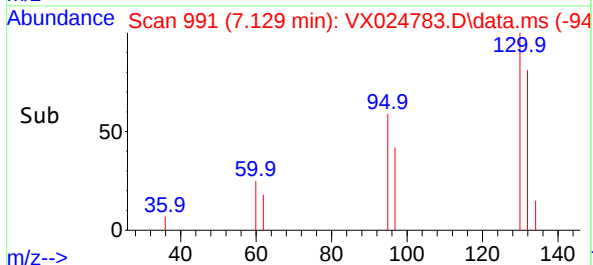
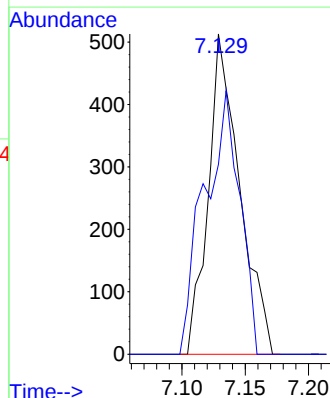
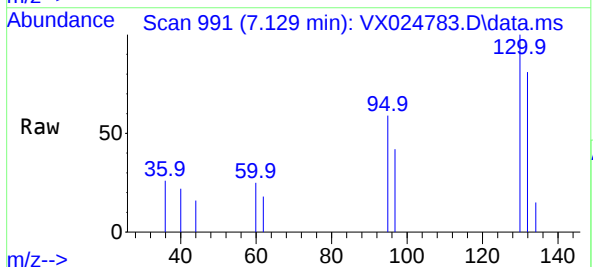
Acq: 13 Oct 2021 12:24

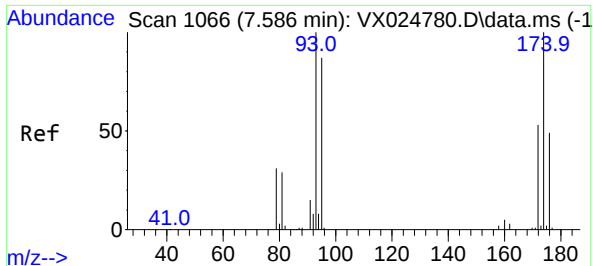
Tgt Ion: 130 Resp: 887

Ion Ratio Lower Upper

130 100

95 59.3 0.0 196.8

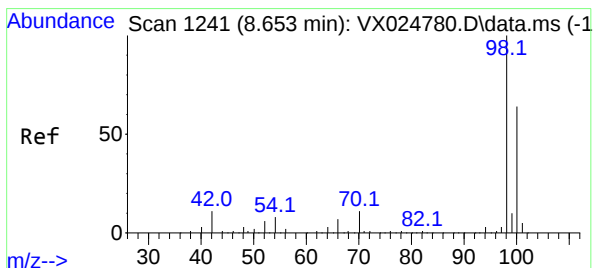
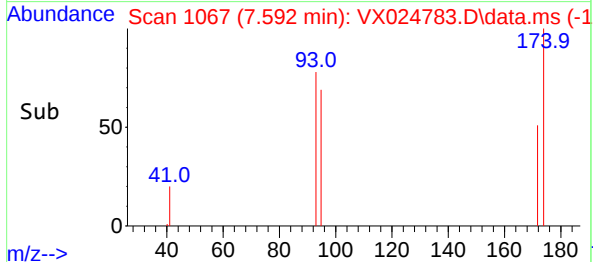
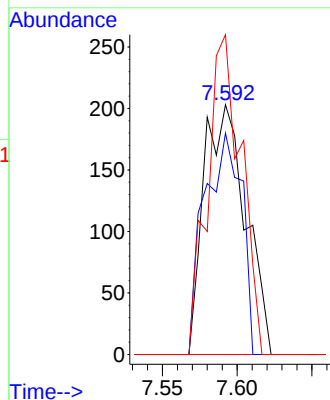
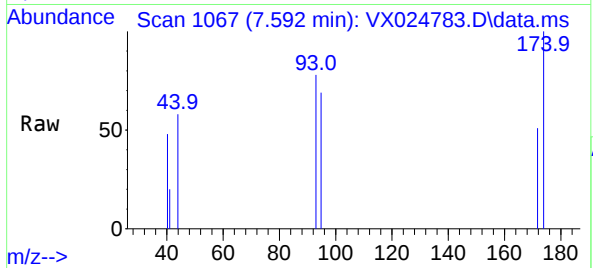




#46
Dibromomethane
Concen: 0.34 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

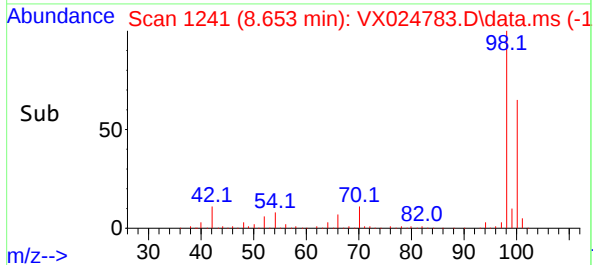
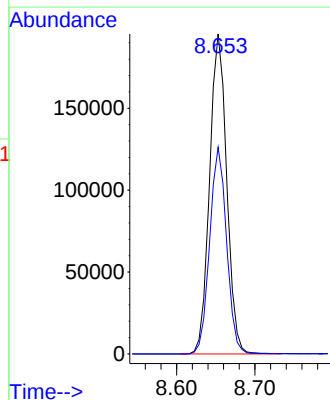
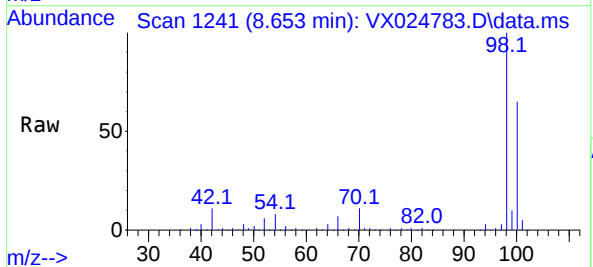
Instrument :
MSVOA_X
ClientSampled :
IBLK

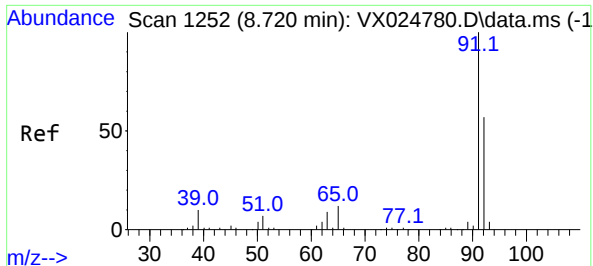
Tgt Ion: 93 Resp: 394
Ion Ratio Lower Upper
93 100
95 78.9 66.6 100.0
174 103.8 79.2 118.8



#50
Toluene-d8
Concen: 55.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 98 Resp: 296295
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#52

Toluene

Concen: 0.23 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024783.D

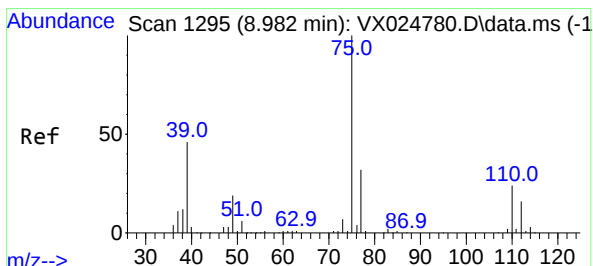
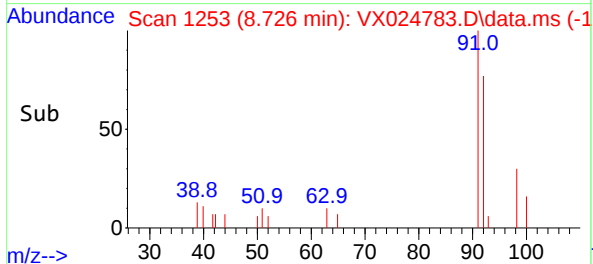
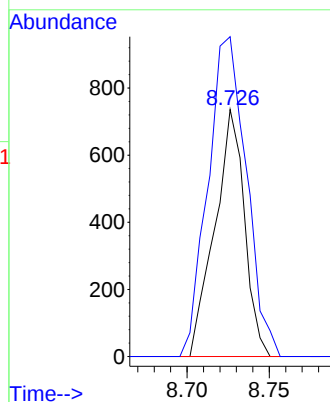
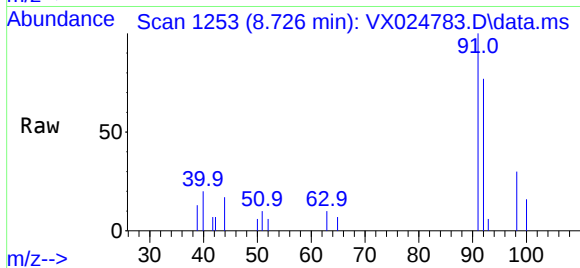
Acq: 13 Oct 2021 12:24

Tgt Ion: 92 Resp: 924

Ion Ratio Lower Upper

92 100

91 167.5 138.6 208.0



#53

t-1,3-Dichloropropene

Concen: 0.28 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX024783.D

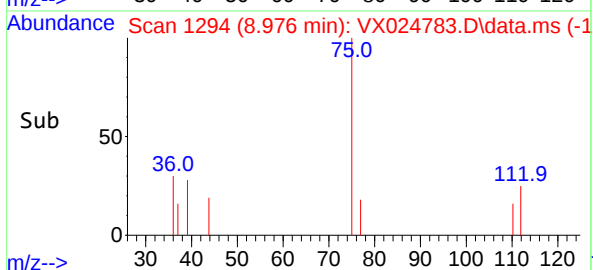
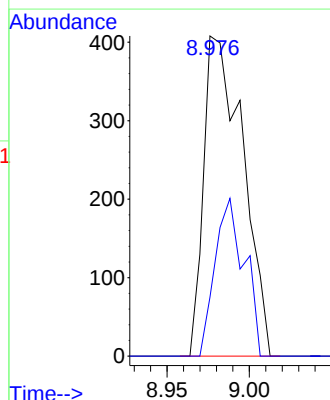
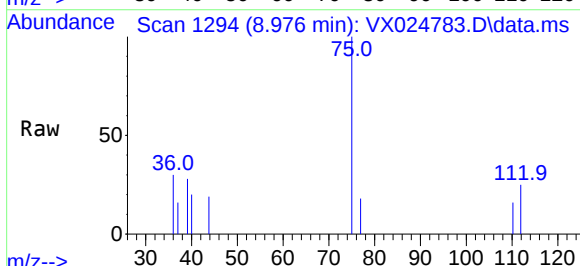
Acq: 13 Oct 2021 12:24

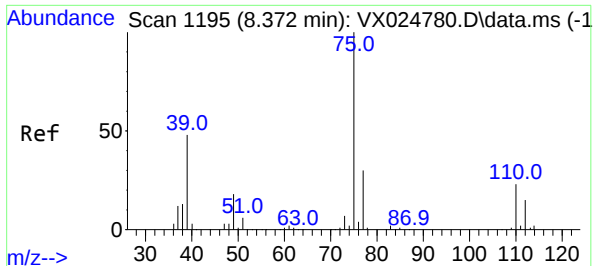
Tgt Ion: 75 Resp: 673

Ion Ratio Lower Upper

75 100

77 18.4 25.6 38.4#

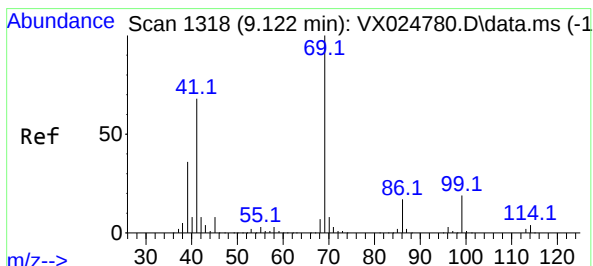
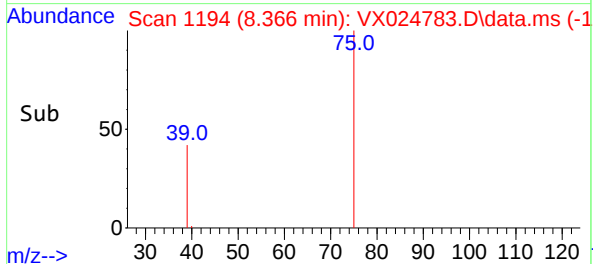
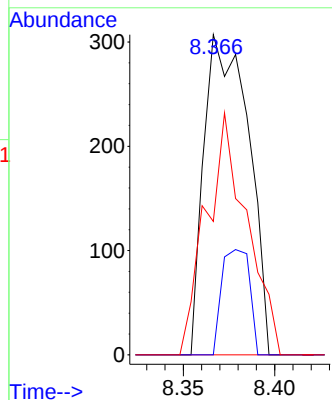
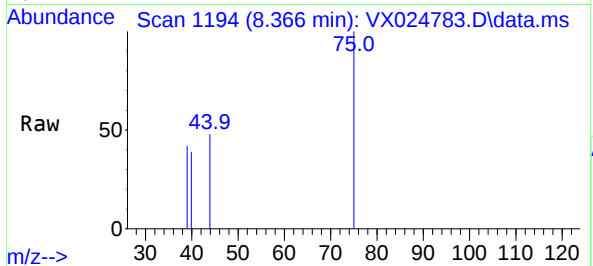




#54
cis-1,3-Dichloropropene
Concen: 0.20 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

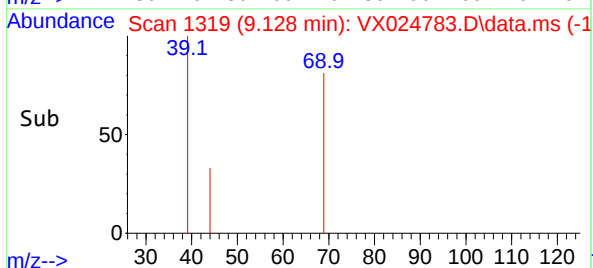
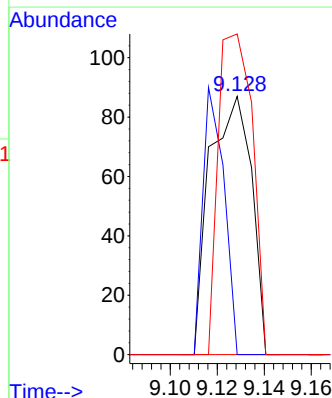
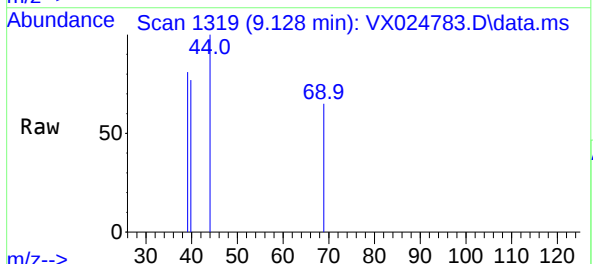
Instrument :
MSVOA_X
ClientSampled :
IBLK

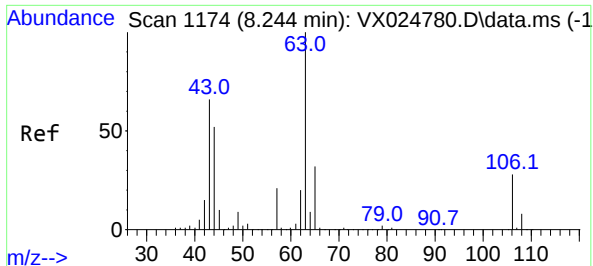
Tgt Ion:	75	Resp:	519
Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.8	35.8#
39	41.7	38.8	58.2



#56
Ethyl methacrylate
Concen: 0.68 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:	69	Resp:	107
Ion	Ratio	Lower	Upper
69	100		
41	52.3	55.3	82.9#
39	101.9	30.2	45.4#

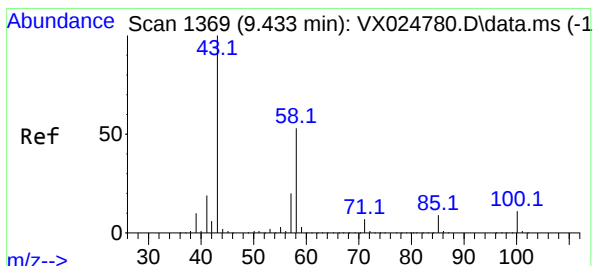
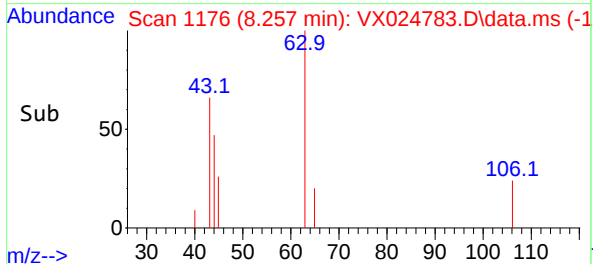
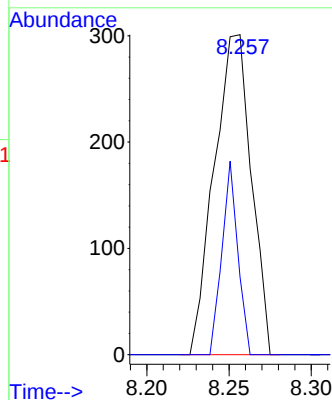
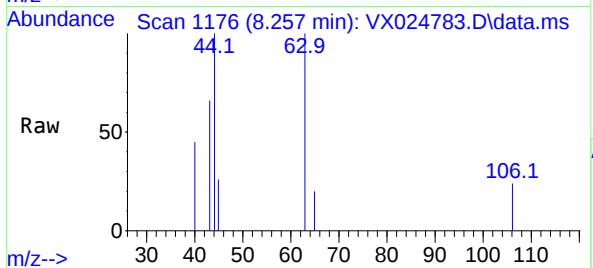




#58
2-Chloroethyl Vinyl ether
Concen: 0.40 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

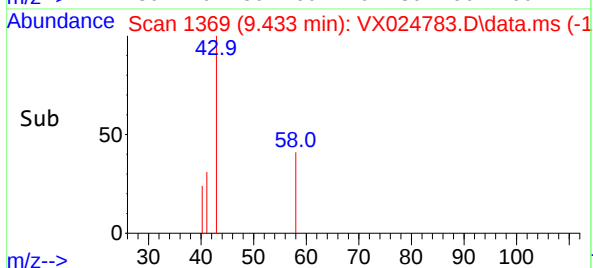
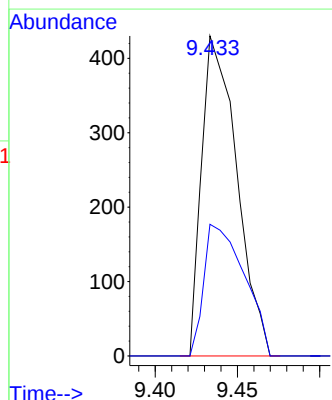
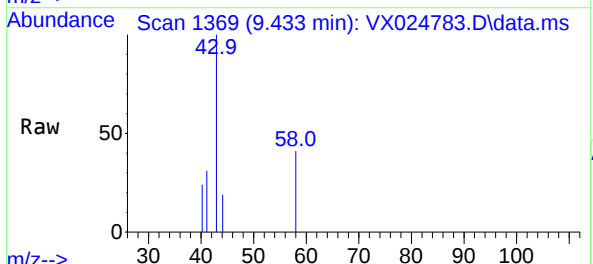
Instrument :
MSVOA_X
ClientSampled :
IBLK

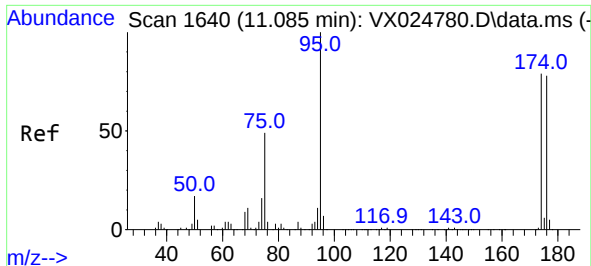
Tgt Ion: 63 Resp: 473
Ion Ratio Lower Upper
63 100
106 25.8 22.8 34.2



#59
2-Hexanone
Concen: Below Cal
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 47.3 26.6 79.7

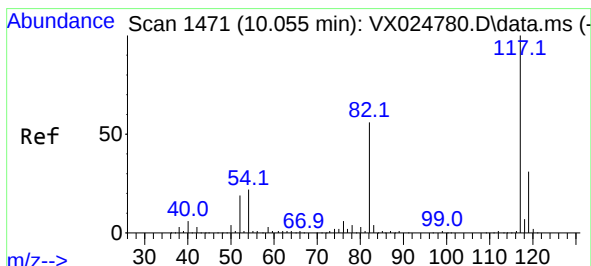
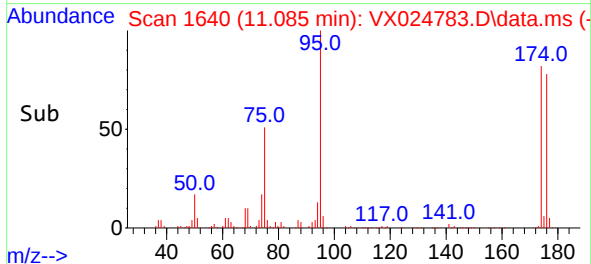
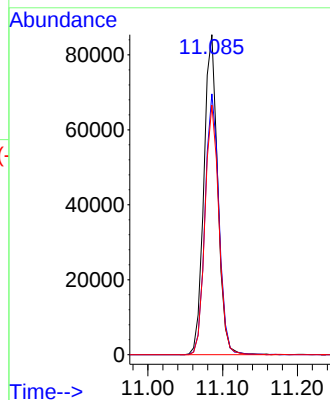
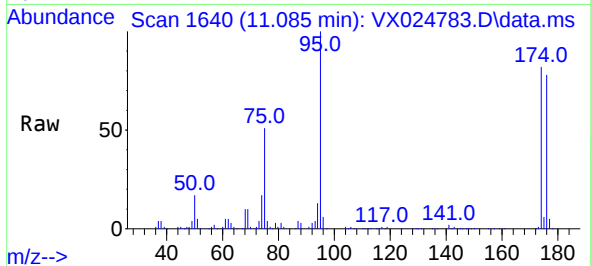




#62
4-Bromofluorobenzene
Concen: 52.27 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

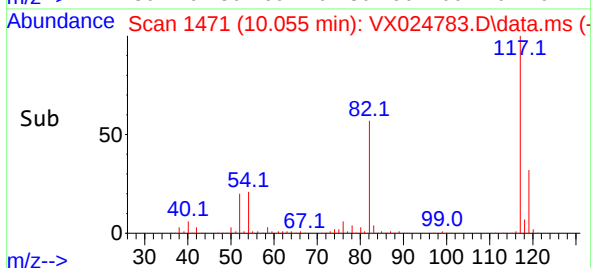
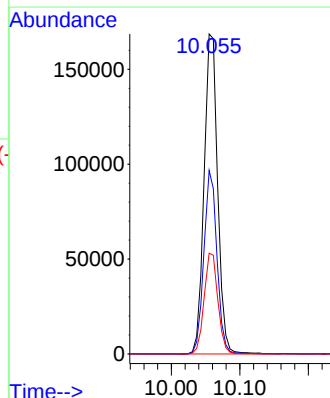
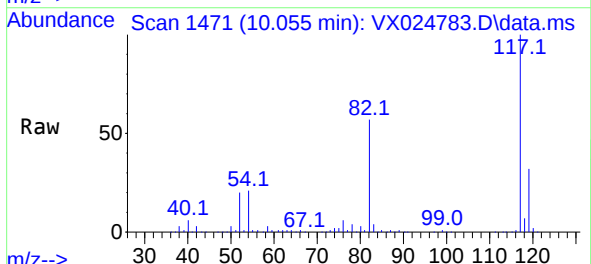
Instrument :
MSVOA_X
ClientSampleId :
IBLK

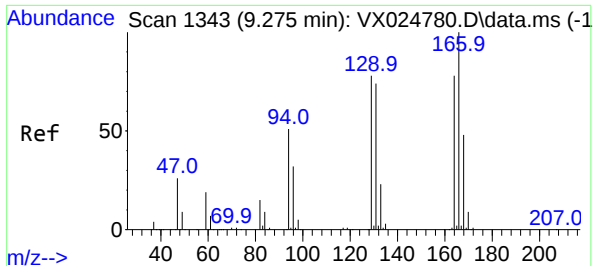
Tgt Ion: 95 Resp: 109594
Ion Ratio Lower Upper
95 100
174 81.8 0.0 158.0
176 78.1 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

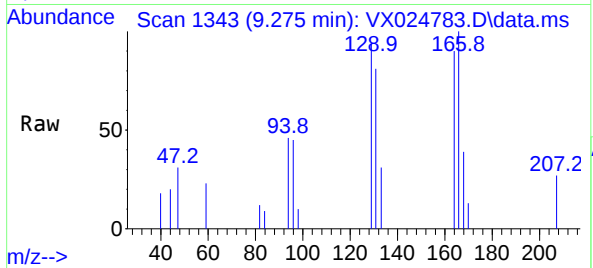
Tgt Ion: 117 Resp: 233242
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 31.5 24.8 37.2





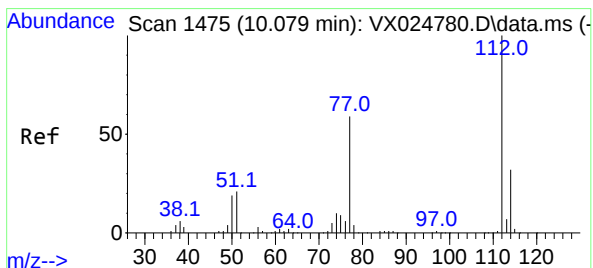
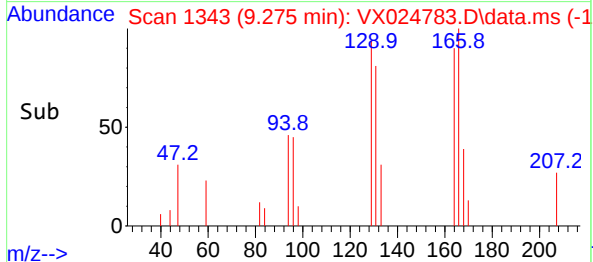
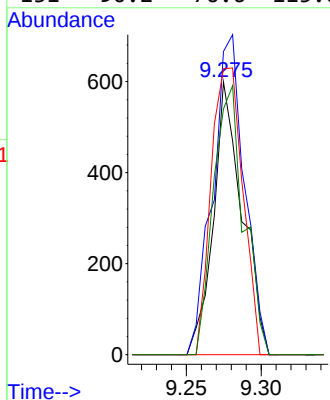
#64
Tetrachloroethene
Concen: 0.47 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
IBLK



Tgt Ion:164 Resp: 809

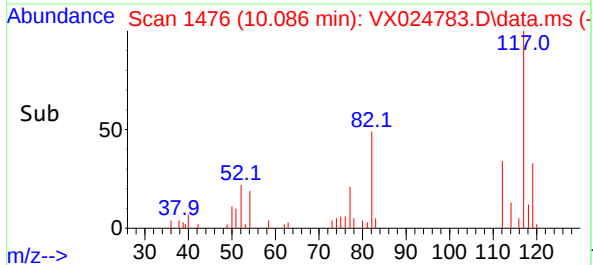
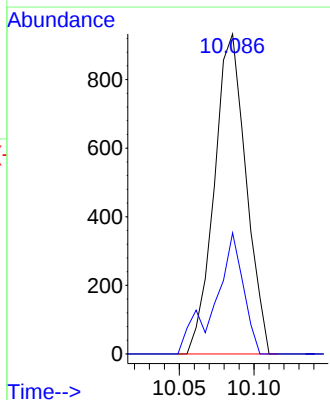
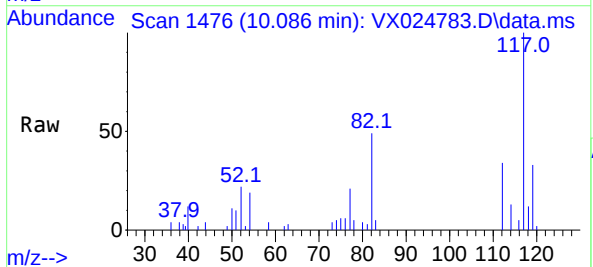
Ion	Ratio	Lower	Upper
164	100		
166	111.2	103.2	154.8
129	104.8	81.0	121.4
131	90.2	76.6	115.0

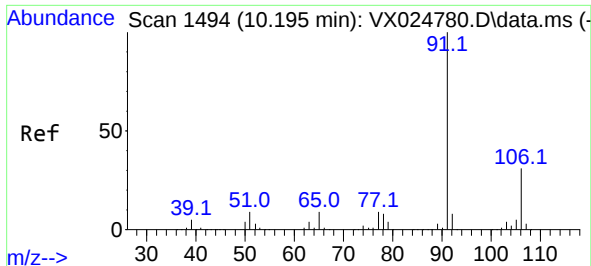


#65
Chlorobenzene
Concen: 0.30 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:112 Resp: 1376

Ion	Ratio	Lower	Upper
112	100		
114	37.8	25.8	38.6

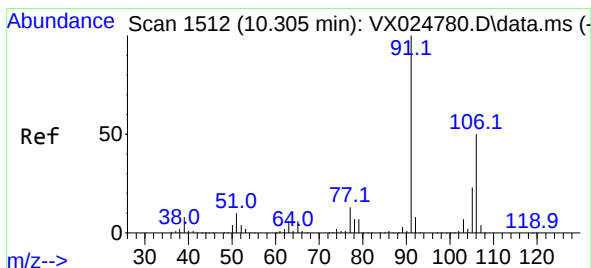
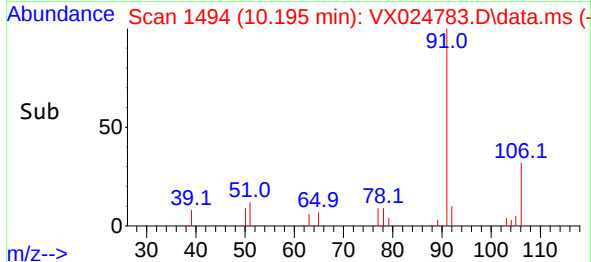
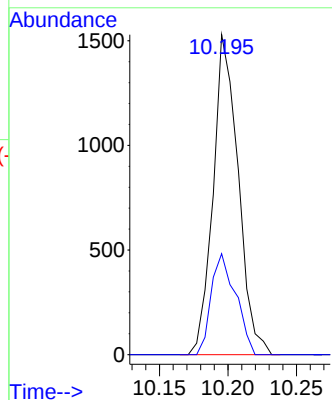
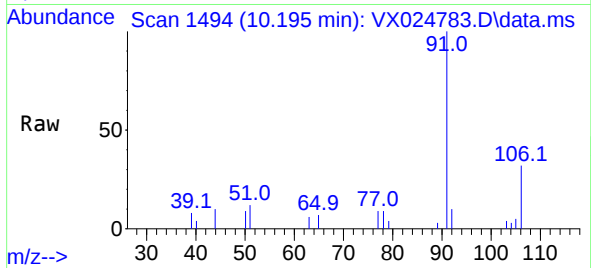




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

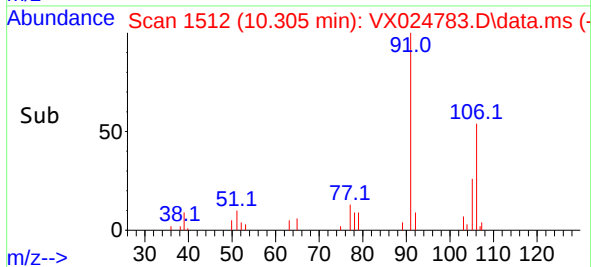
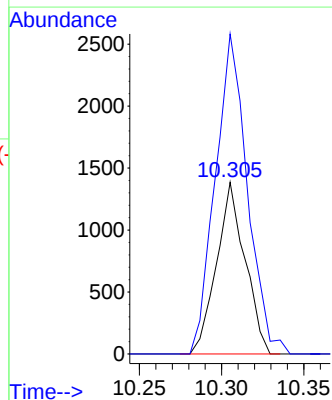
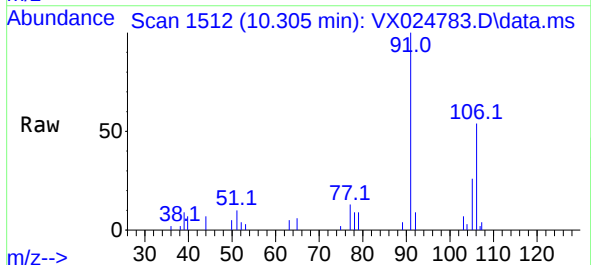
Instrument :
MSVOA_X
ClientSampled :
IBLK

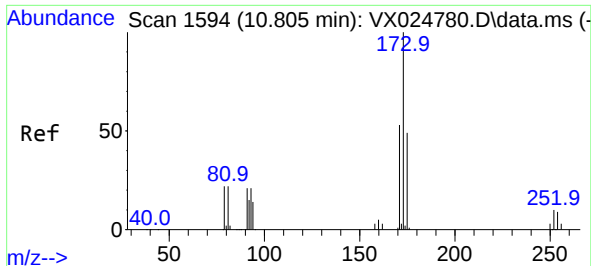
Tgt Ion: 91 Resp: 1946
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 0.54 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 106 Resp: 1667
Ion Ratio Lower Upper
106 100
91 210.0 163.4 245.0

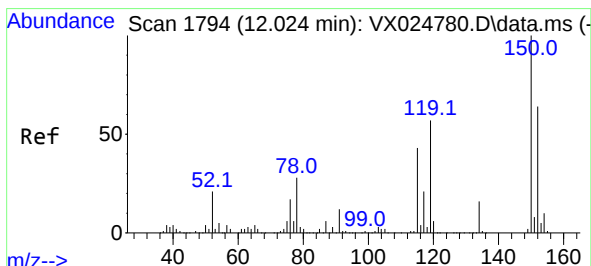
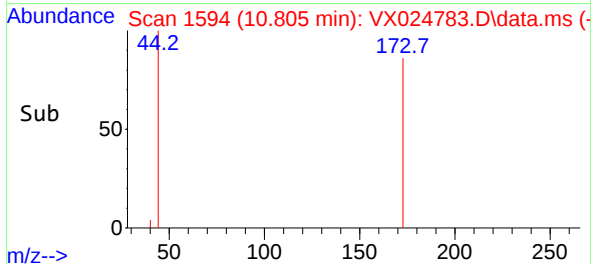
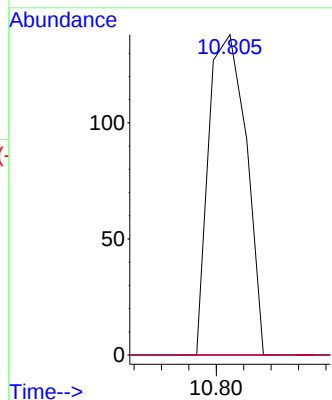
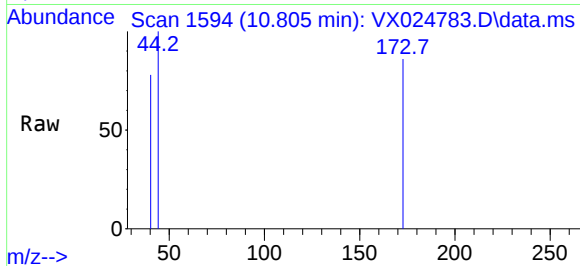




#71
Bromoform
Concen: 1.95 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

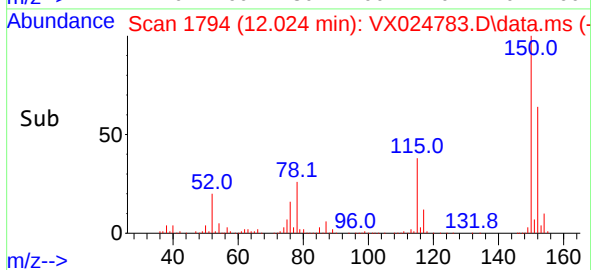
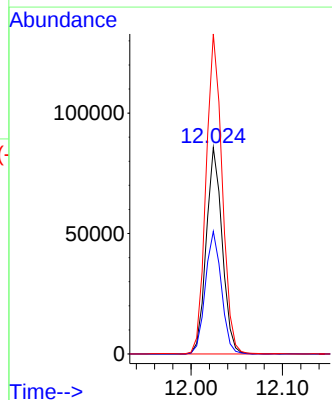
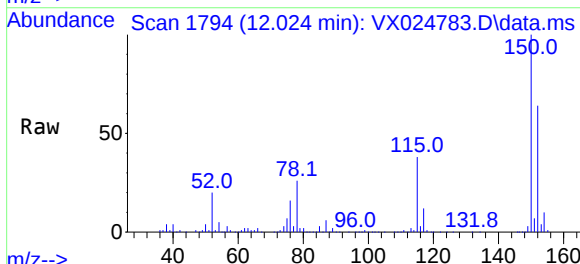
Instrument :
MSVOA_X
ClientSampled :
IBLK

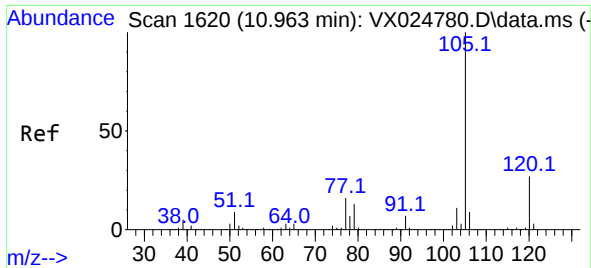
Tgt Ion:173 Resp: 131
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:152 Resp: 103472
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.8
150 156.5 0.0 351.2

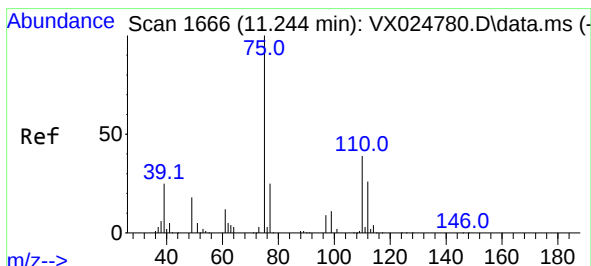
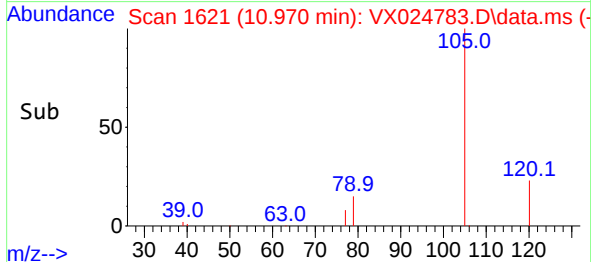
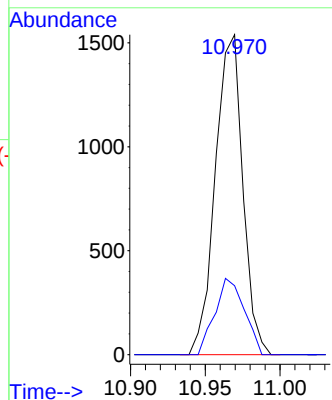
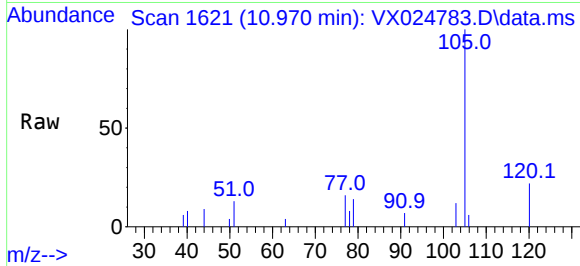




#73
Isopropylbenzene
Concen: 0.29 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

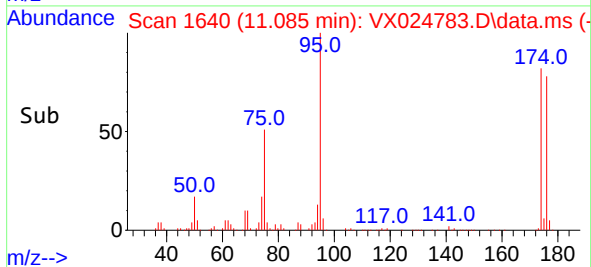
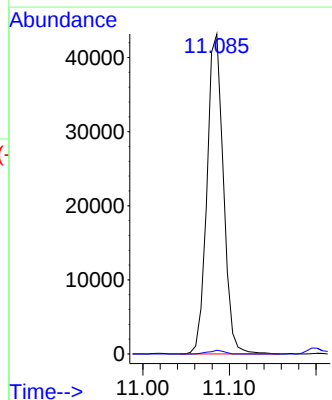
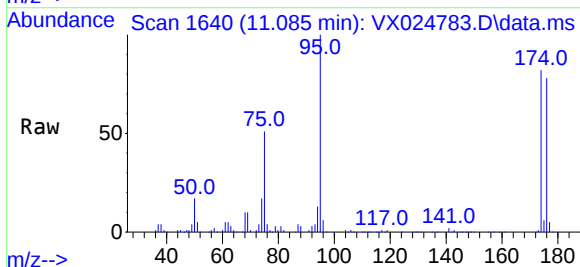
Instrument :
MSVOA_X
ClientSampled :
IBLK

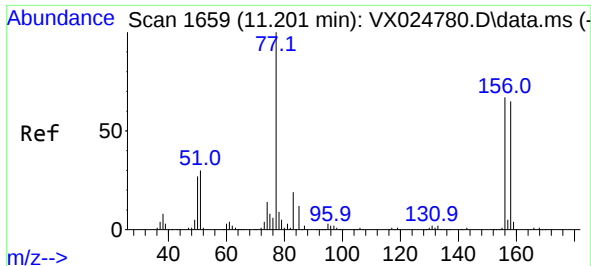
Tgt Ion:105 Resp: 1965
Ion Ratio Lower Upper
105 100
120 25.5 13.3 39.8



#76
1,2,3-Trichloropropane
Concen: 26.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 75 Resp: 56746
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



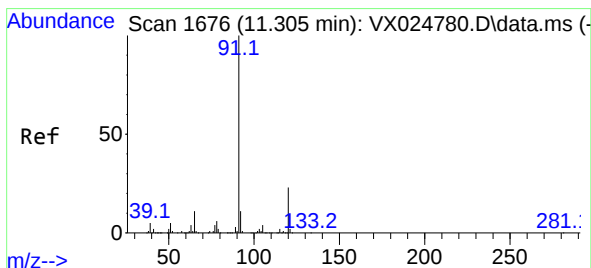
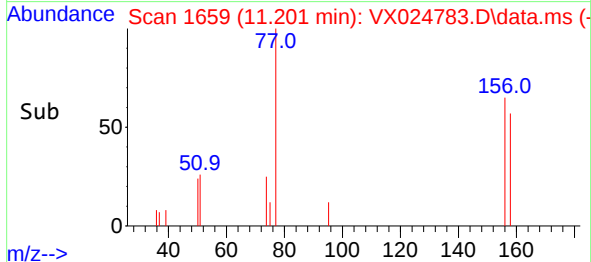
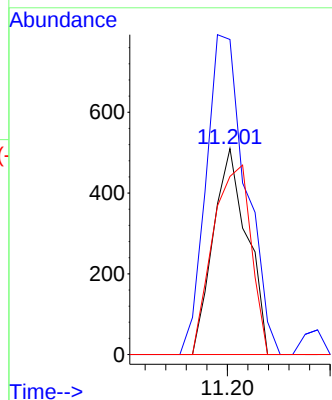
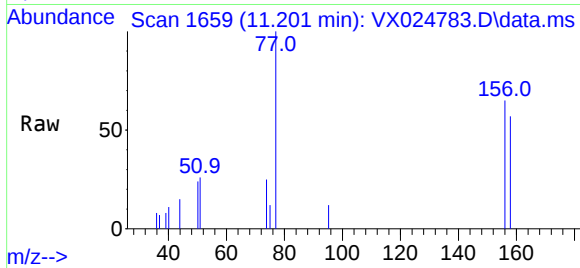


#77
Bromobenzene
Concen: 0.33 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:156 Resp: 587

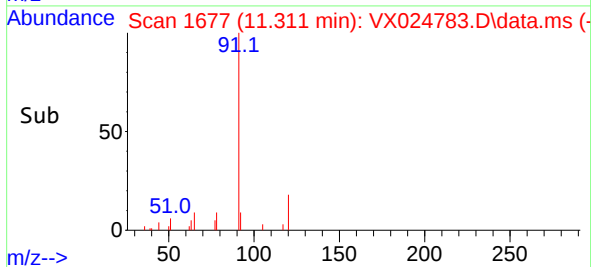
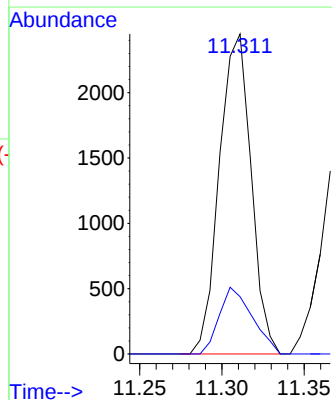
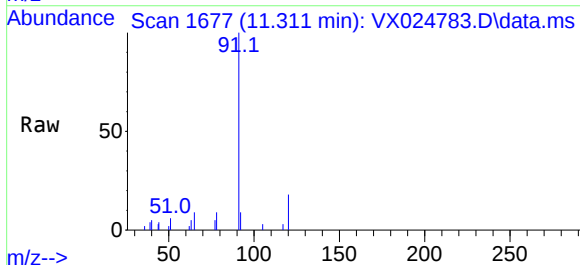
Ion	Ratio	Lower	Upper
156	100		
77	182.3	78.3	234.8
158	102.6	48.9	146.6

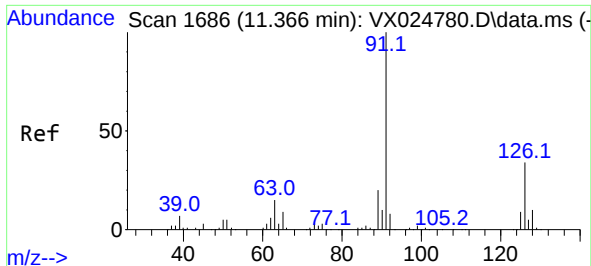


#78
n-propylbenzene
Concen: 0.42 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 91 Resp: 3293

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.7	35.0

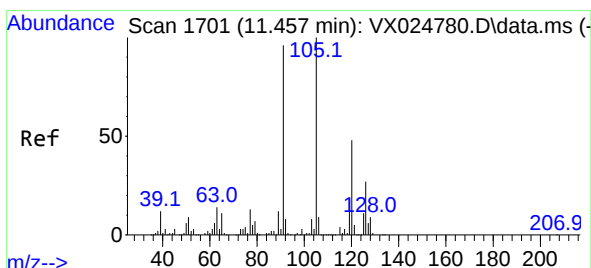
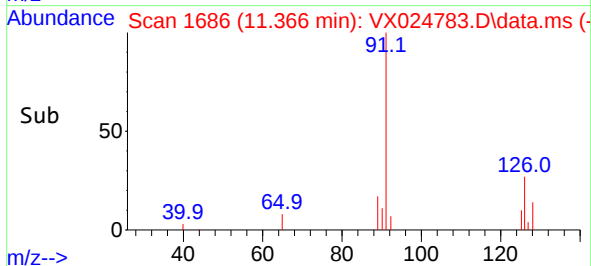
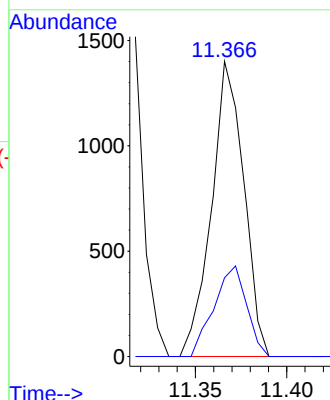
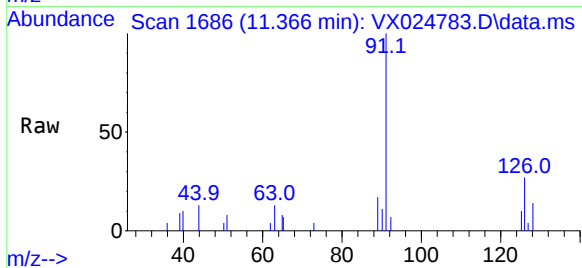




#79
2-Chlorotoluene
Concen: 0.36 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

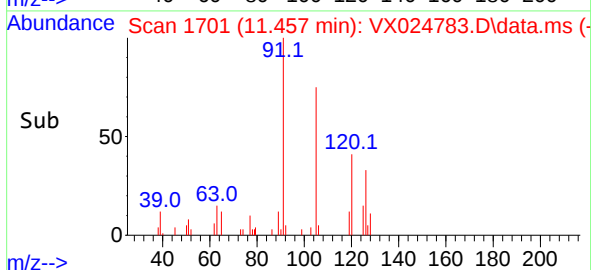
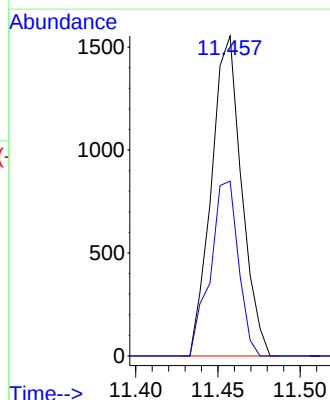
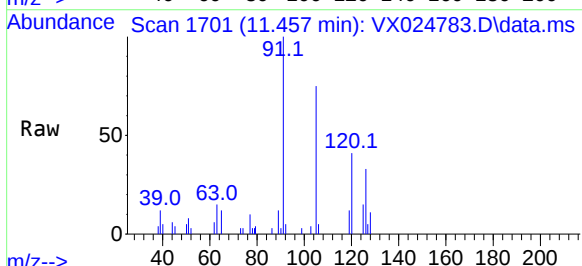
Instrument :
MSVOA_X
ClientSampled :
IBLK

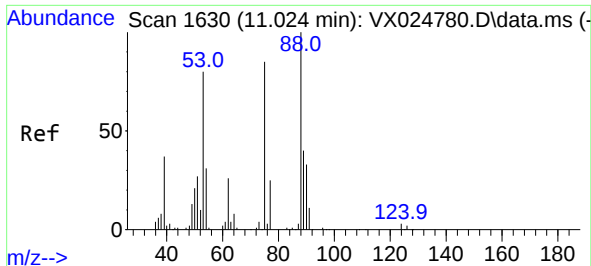
Tgt Ion: 91 Resp: 1724
Ion Ratio Lower Upper
91 100
126 31.0 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 105 Resp: 1987
Ion Ratio Lower Upper
105 100
120 50.6 23.8 71.5

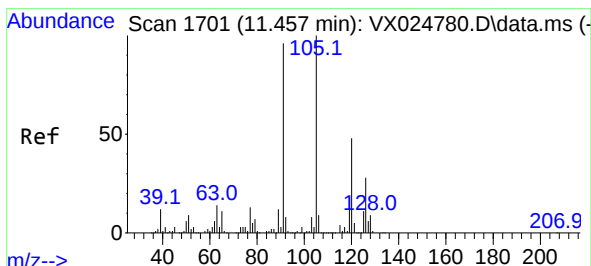
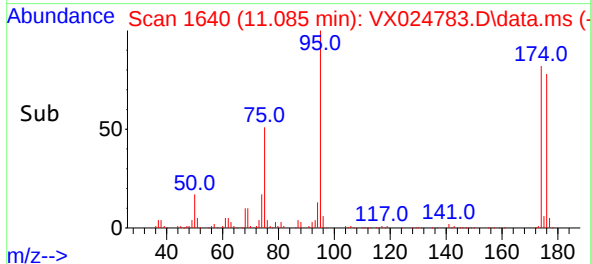
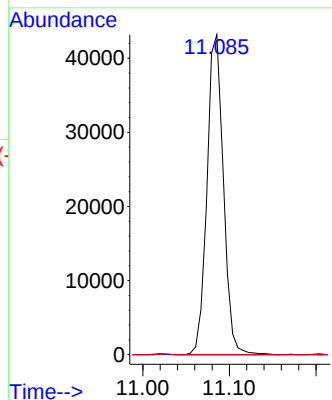
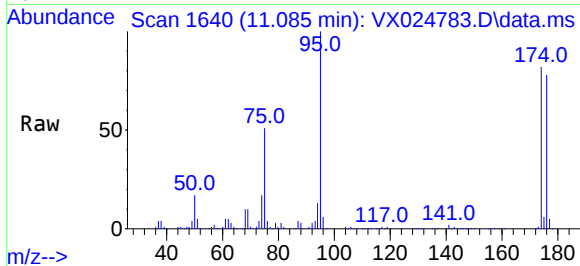




#81
trans-1,4-Dichloro-2-butene
Concen: 70.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

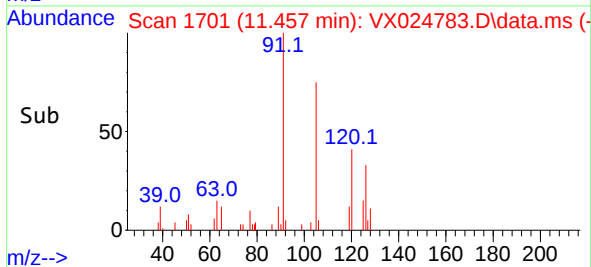
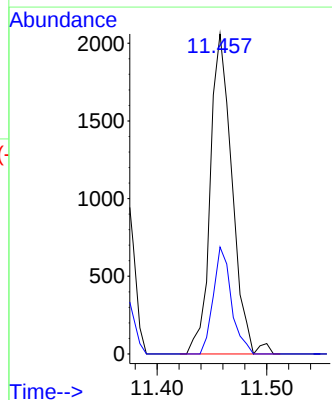
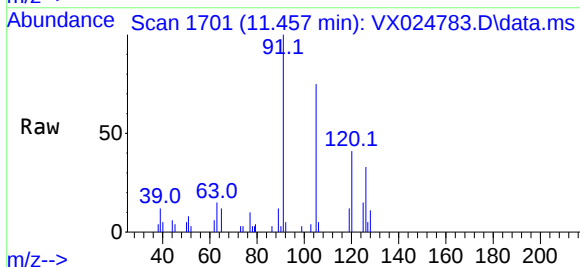
Instrument :
MSVOA_X
ClientSampled :
IBLK

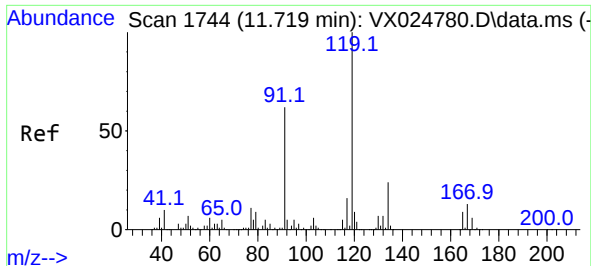
Tgt Ion: 75 Resp: 56746
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.50 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 91 Resp: 2849
Ion Ratio Lower Upper
91 100
126 27.7 14.9 44.5

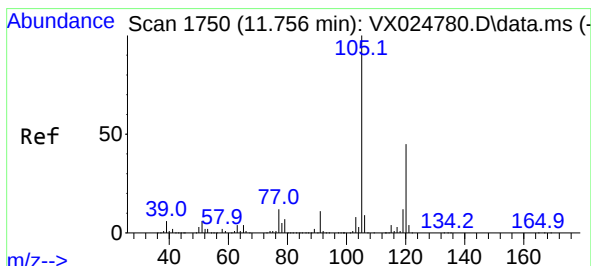
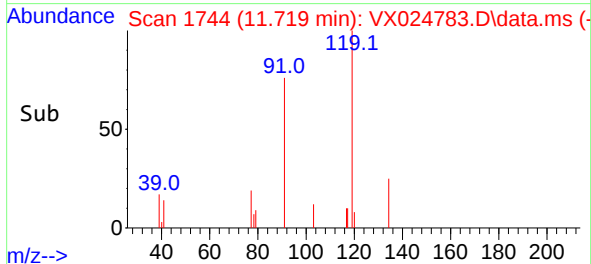
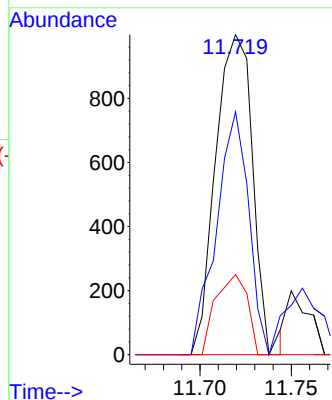
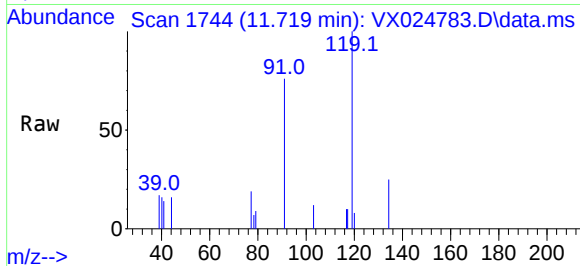




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

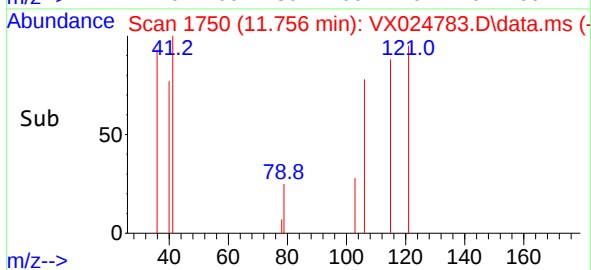
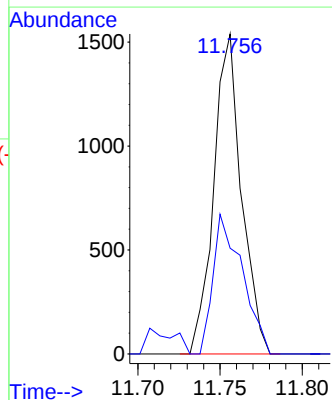
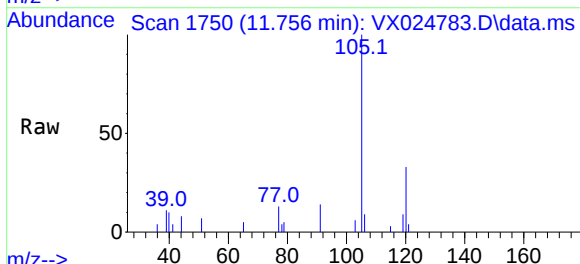
Instrument :
MSVOA_X
ClientSampleId :
IBLK

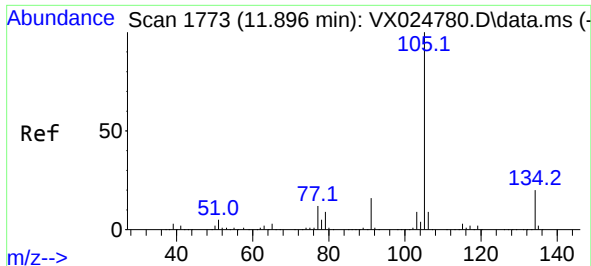
Tgt Ion:	119	Resp:	1420
Ion	Ratio	Lower	Upper
119	100		
91	65.6	30.3	90.9
134	21.2	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:	105	Resp:	1805
Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.1	66.3

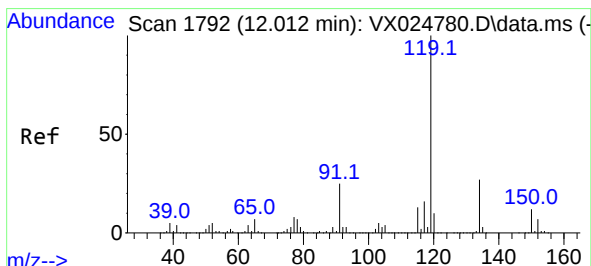
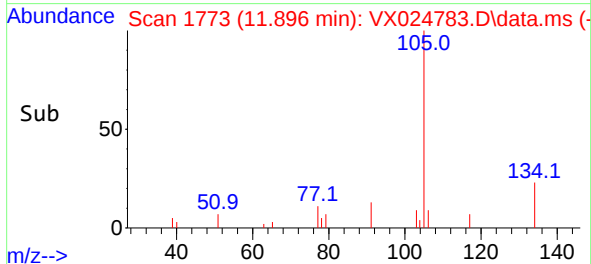
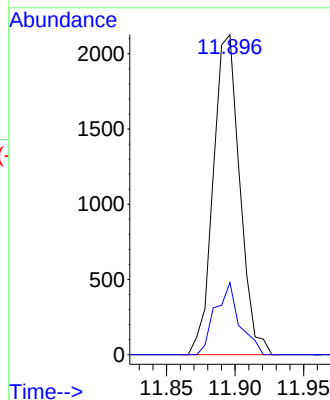
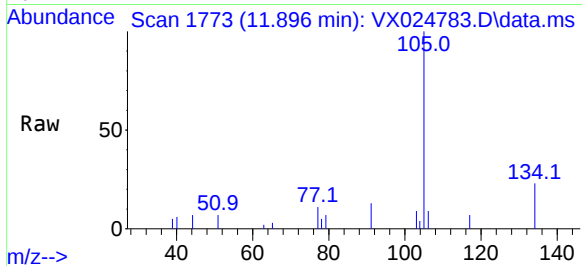




#85
 sec-Butylbenzene
 Concen: 0.40 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX024783.D
 Acq: 13 Oct 2021 12:24

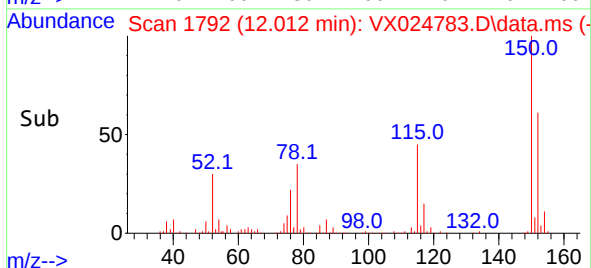
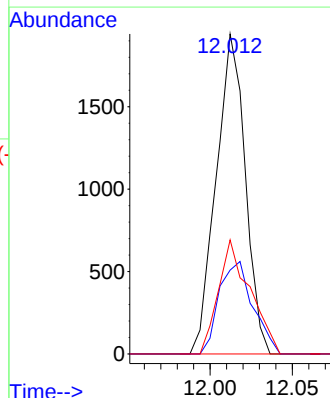
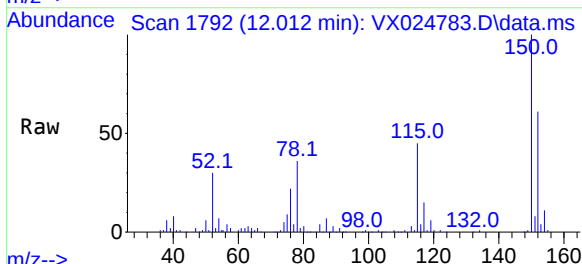
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

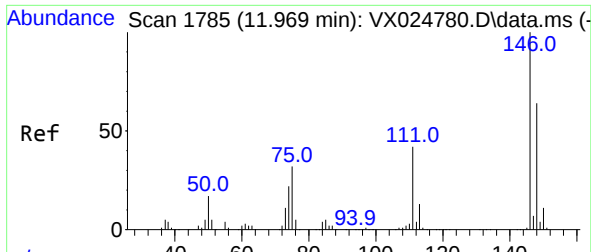
Tgt Ion:105 Resp: 2865
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX024783.D
 Acq: 13 Oct 2021 12:24

Tgt Ion:119 Resp: 2389
 Ion Ratio Lower Upper
 119 100
 134 33.7 13.2 39.5
 91 38.9 12.4 37.0#

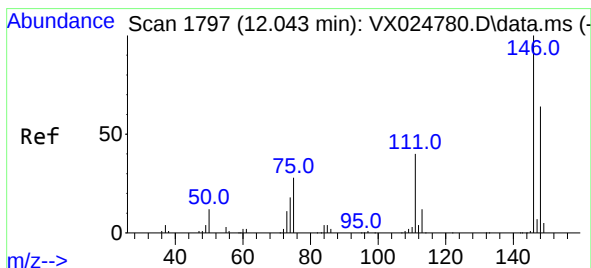
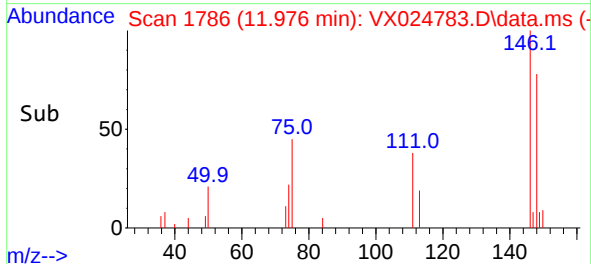
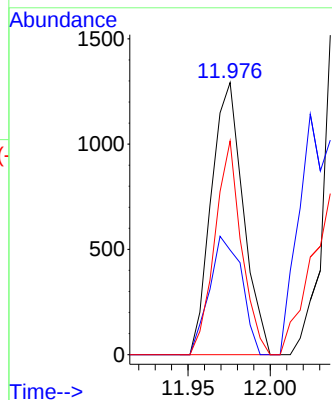
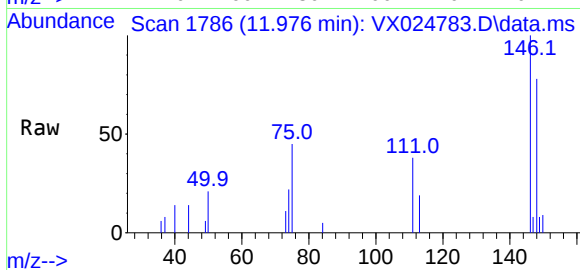




#87
1,3-Dichlorobenzene
Concen: 0.53 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

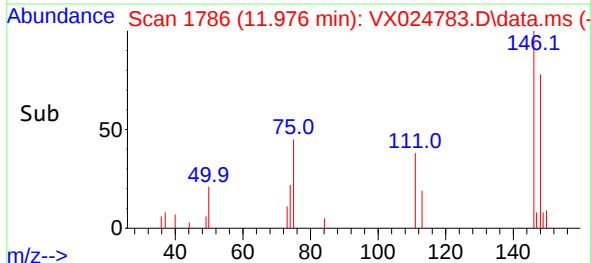
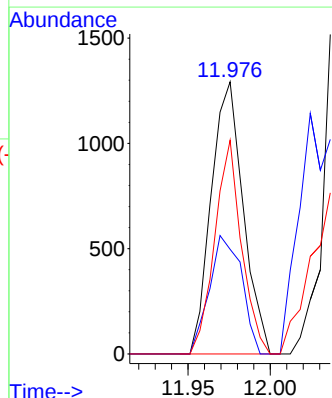
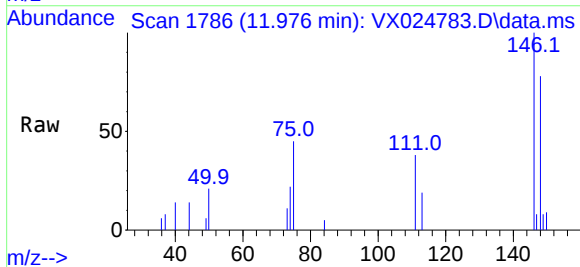
Instrument :
MSVOA_X
ClientSampled :
IBLK

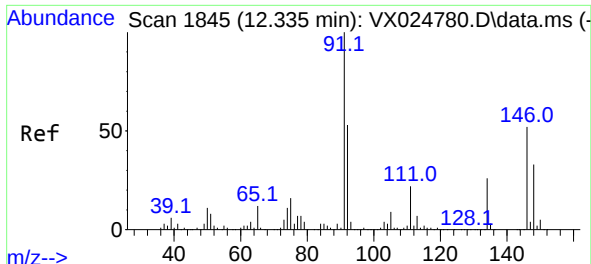
Tgt Ion:146 Resp: 1745
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.9
148 65.8 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.52 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:146 Resp: 1745
Ion Ratio Lower Upper
146 100
111 43.8 20.4 61.3
148 65.8 32.4 97.0



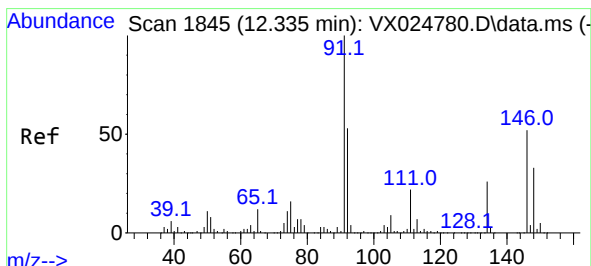
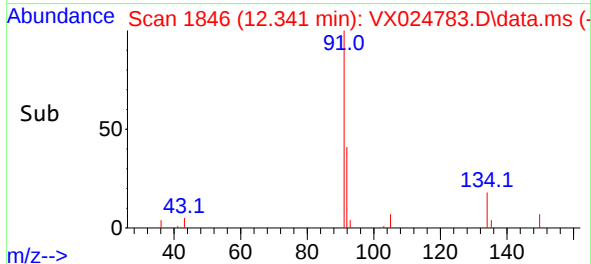
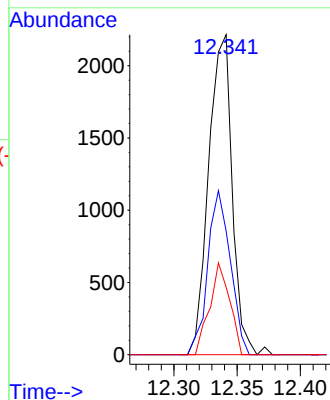
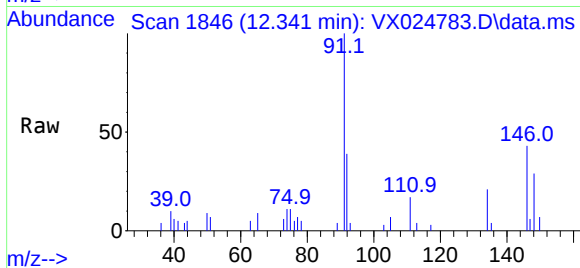


#89
n-Butylbenzene
Concen: 0.54 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 91 Resp: 2875

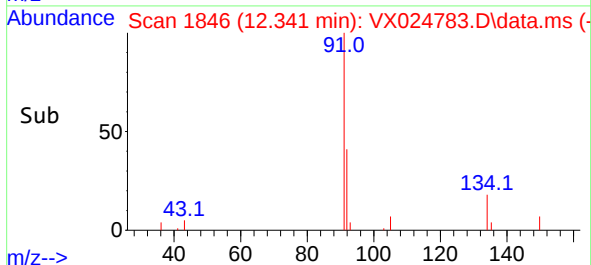
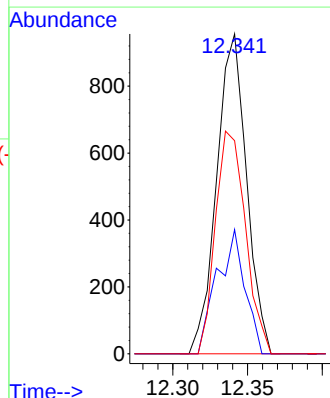
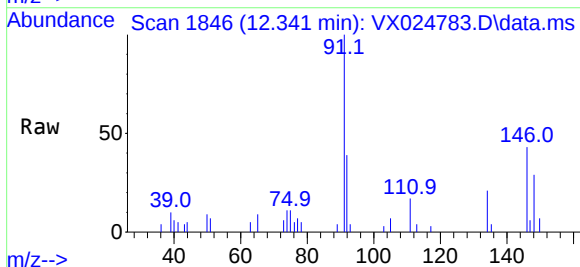
Ion	Ratio	Lower	Upper
91	100		
92	49.1	26.3	78.8
134	24.3	13.0	38.9

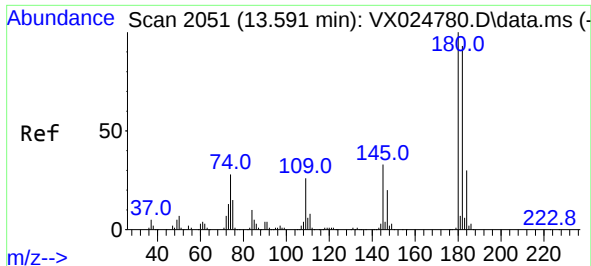


#91
1,2-Dichlorobenzene
Concen: 0.41 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion: 146 Resp: 1330

Ion	Ratio	Lower	Upper
146	100		
111	36.0	21.2	63.6
148	70.1	32.1	96.5

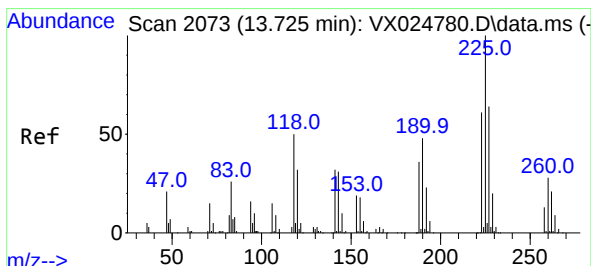
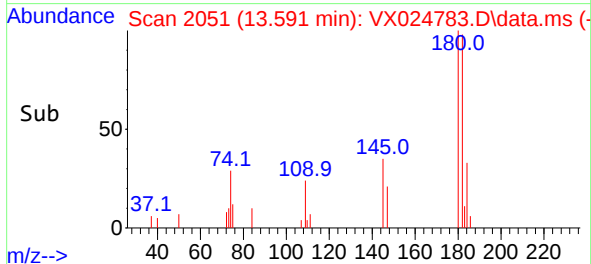
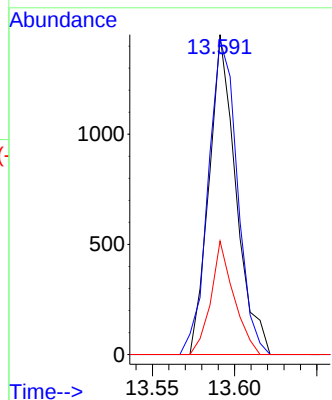
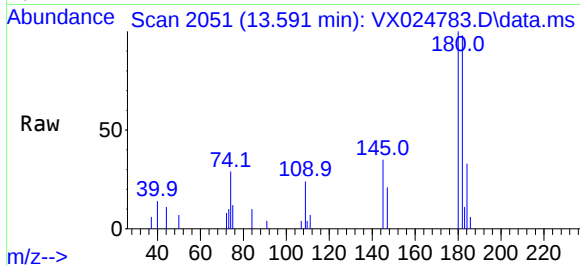




#93
1,2,4-Trichlorobenzene
Concen: 0.83 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

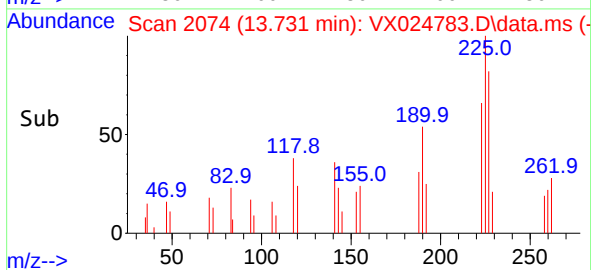
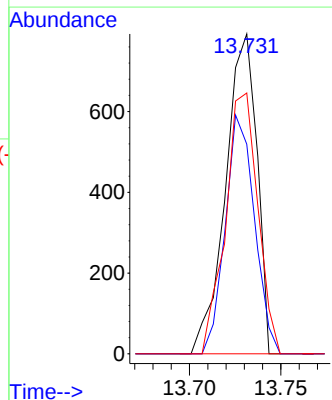
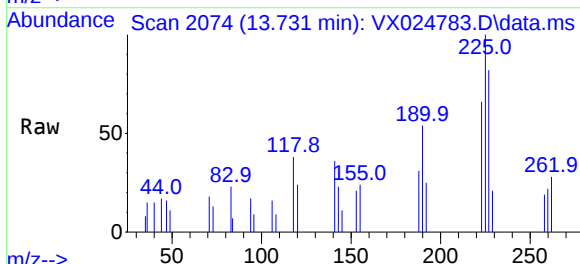
Instrument :
MSVOA_X
ClientSampled :
IBLK

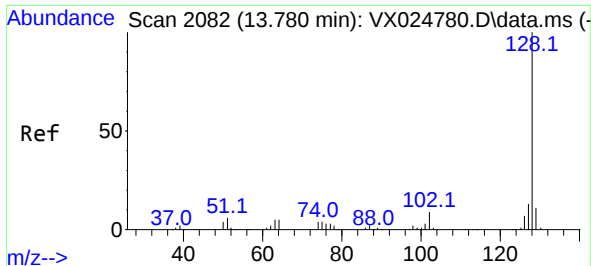
Tgt Ion:180 Resp: 1657
Ion Ratio Lower Upper
180 100
182 105.7 47.3 141.8
145 30.2 16.1 48.3



#94
Hexachlorobutadiene
Concen: 0.98 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:225 Resp: 944
Ion Ratio Lower Upper
225 100
223 69.8 30.9 92.7
227 84.2 31.1 93.5

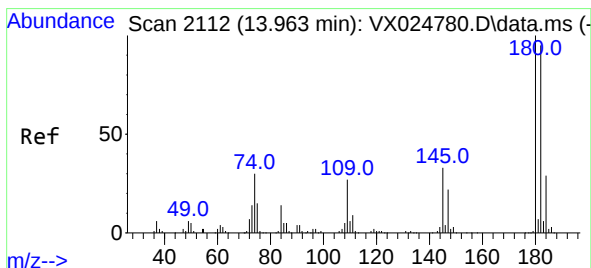
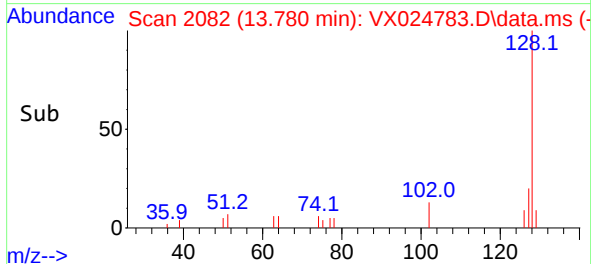
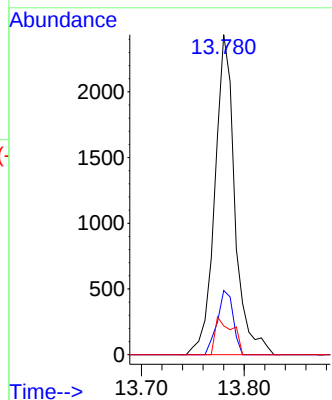
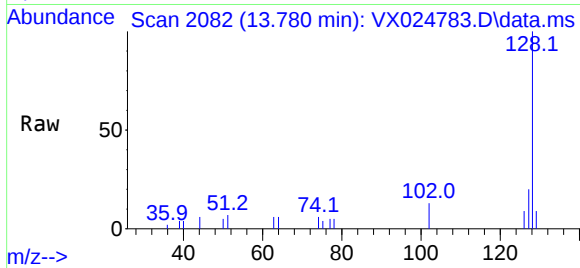




#95
Naphthalene
Concen: 0.70 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:128 Resp: 3289
Ion Ratio Lower Upper
128 100
127 15.8 10.3 15.5#
129 10.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.76 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX024783.D
Acq: 13 Oct 2021 12:24

Tgt Ion:180 Resp: 1530
Ion Ratio Lower Upper
180 100
182 88.6 47.4 142.3
145 27.0 16.8 50.3

