

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
 Data File : VX025356.D
 Acq On : 26 Nov 2021 15:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 23:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 26 23:56:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159582	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148488	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45745	42.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.000%
7) Chloroethane-d5	1.660	69	40108	44.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	2.307	63	79856	45.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	4.459	46	82645	101.942	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.062	84	92352	48.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	5.958	65	57110	48.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.977	84	183454	46.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	7.312	67	56469	46.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	8.653	98	169758	45.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.952	79	27424	44.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
47) 2-Hexanone-d5	9.385	63	62909	99.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.190%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	85433	49.613	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	71739	48.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45239	48.308	ug/L	100
3) Chloromethane	1.295	50	43819	45.335	ug/L	100
5) Vinyl chloride	1.374	62	51166	45.344	ug/L	98
6) Bromomethane	1.599	94	30854	52.268	ug/L	95
8) Chloroethane	1.685	64	34066	45.318	ug/L	100
9) Trichlorofluoromethane	1.886	101	81808	46.459	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	44154	47.748	ug/L	99
12) 1,1-Dichloroethene	2.319	96	40830	47.647	ug/L	100
13) Acetone	2.380	43	53397	80.102	ug/L	100
14) Carbon disulfide	2.514	76	91850	43.591	ug/L	98
15) Methyl Acetate	2.703	43	52958	49.157	ug/L #	89
16) Methylene chloride	2.788	84	47213	47.636	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	43053	46.666	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	153491	48.950	ug/L	99
19) 1,1-Dichloroethane	3.611	63	82468	49.914	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	52648	48.426	ug/L	98
22) 2-Butanone	4.556	43	82731	93.842	ug/L	100
23) Bromochloromethane	4.904	128	27803	48.406	ug/L	97
25) Chloroform	5.099	83	88798	49.386	ug/L	98

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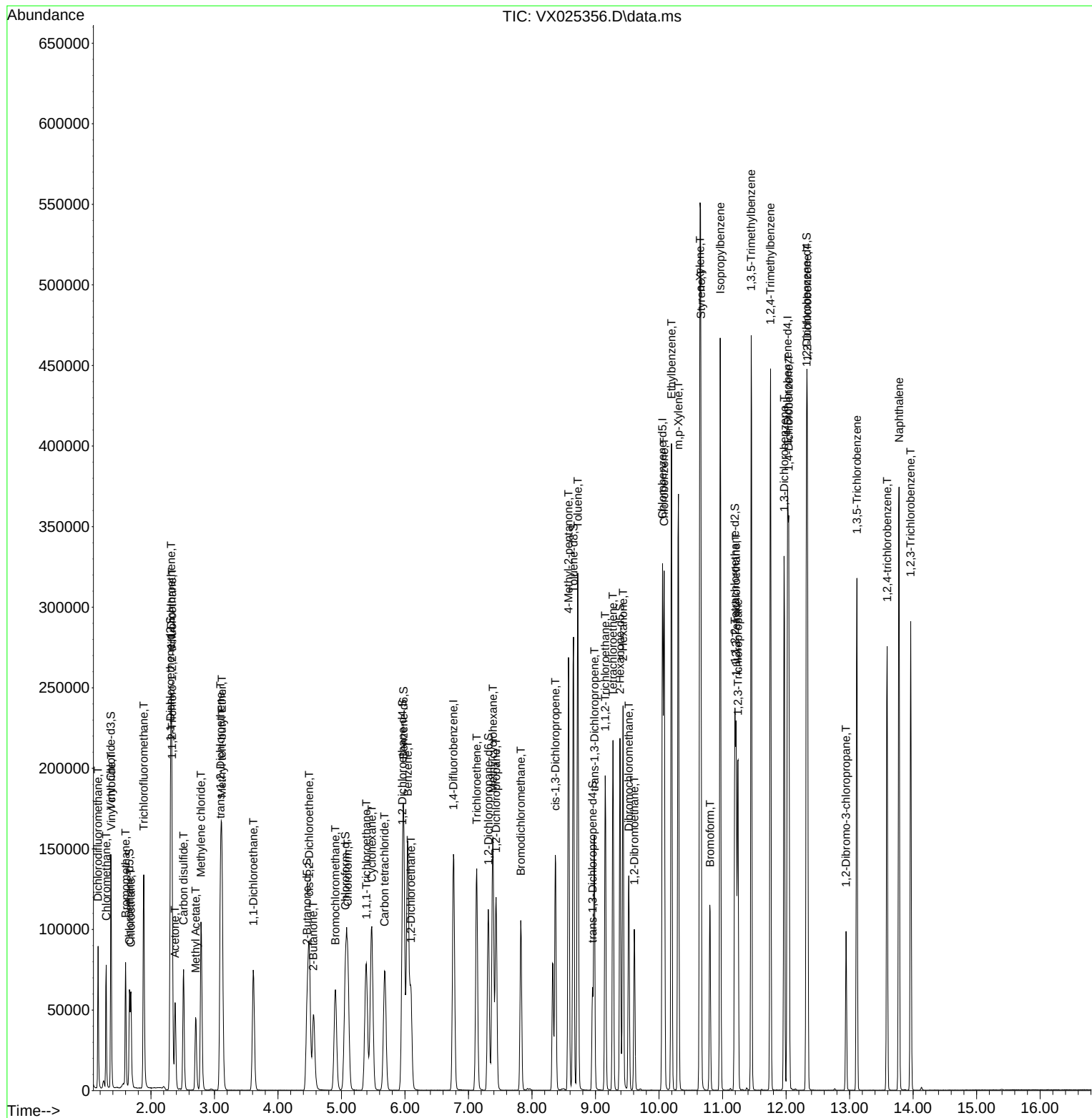
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	65791	50.308	ug/L	100
29) Cyclohexane	5.477	56	71281	46.857	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	79834	48.704	ug/L	99
31) Carbon tetrachloride	5.678	117	68959	47.111	ug/L	100
33) Benzene	6.044	78	190707	48.076	ug/L	100
34) Trichloroethene	7.129	95	49801	47.731	ug/L	99
35) Methylcyclohexane	7.385	83	76166	46.381	ug/L	100
37) 1,2-Dichloropropane	7.434	63	48290	48.534	ug/L	99
38) Bromodichloromethane	7.824	83	65778	47.472	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	75505	46.592	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	156665	98.606	ug/L	99
42) Toluene	8.720	91	208210	47.594	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	73214	47.005	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	51491	48.766	ug/L	97
46) Tetrachloroethene	9.275	164	41476	46.874	ug/L	99
48) 2-Hexanone	9.433	43	122229	95.786	ug/L	99
49) Dibromochloromethane	9.525	129	57739	47.445	ug/L	99
50) 1,2-Dibromoethane	9.610	107	55124	48.984	ug/L	99
51) Chlorobenzene	10.080	112	139746	48.427	ug/L	99
52) Ethylbenzene	10.195	91	228466	48.593	ug/L	100
53) m,p-Xylene	10.305	106	93231	48.954	ug/L	99
54) o-Xylene	10.647	106	91857	48.184	ug/L	99
55) Styrene	10.659	104	156042	49.259	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	81308	49.869	ug/L	98
59) Bromoform	10.805	173	42955	45.907	ug/L	100
60) Isopropylbenzene	10.964	105	239116	49.063	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	65007	50.111	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	199721	48.996	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	199682	48.483	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	111378	49.770	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	108906	48.178	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110824	48.975	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	16902	46.880	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	77710	47.733	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	66890	48.880	ug/L	99
71) Naphthalene	13.780	128	238426	51.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	68597	48.932	ug/L	98

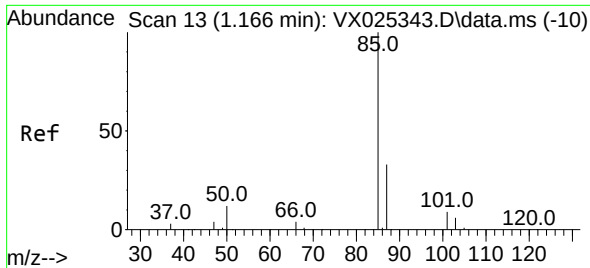
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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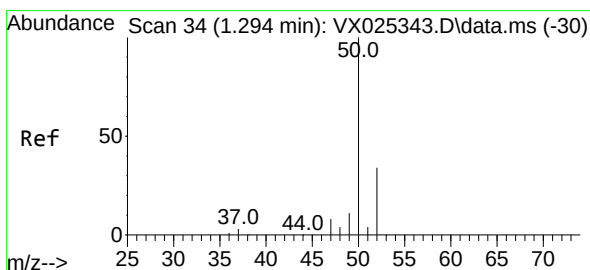
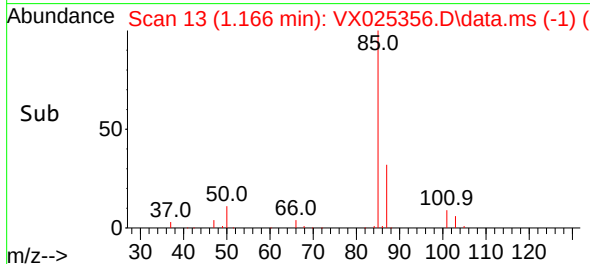
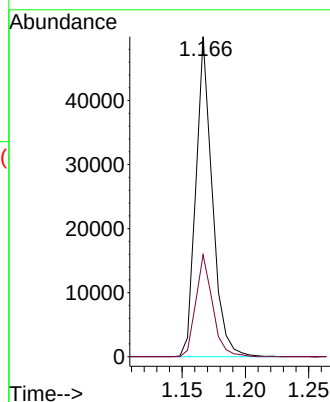
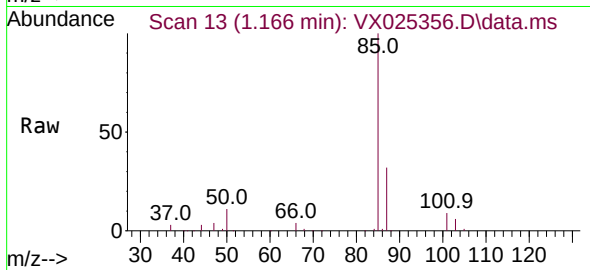




#2
 Dichlorodifluoromethane
 Concen: 48.308 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

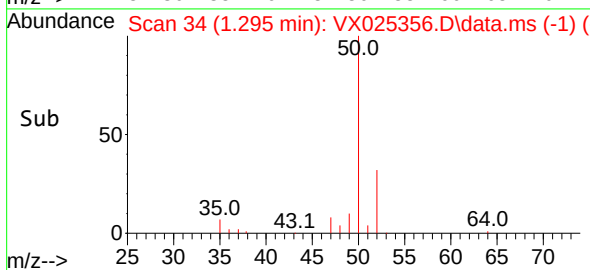
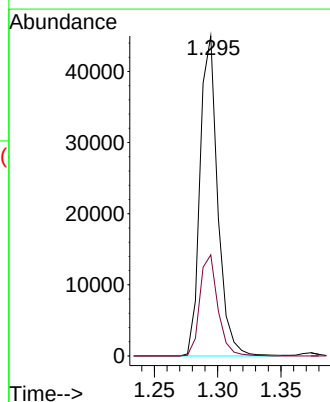
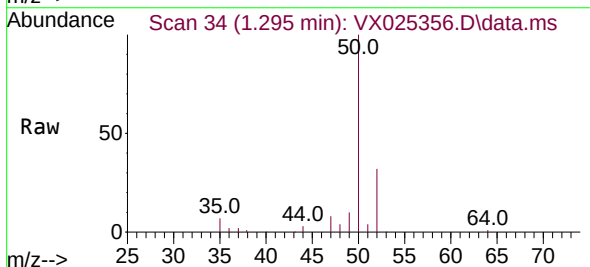
Instrument :
 MSVOA_X
 ClientSampleId :

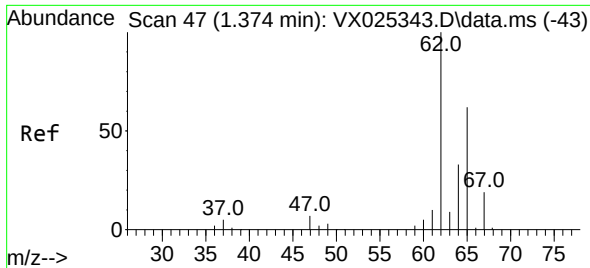
Tgt Ion: 85 Resp: 45239
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 45.335 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

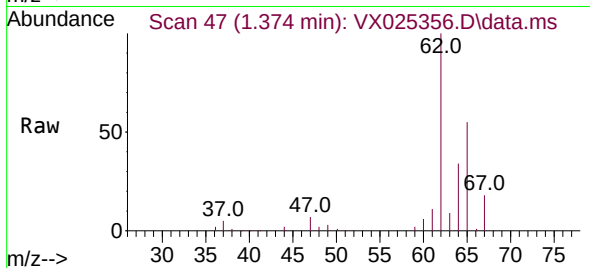
Tgt Ion: 50 Resp: 43819
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.0 40.8



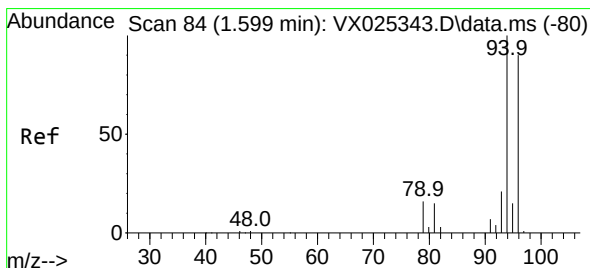
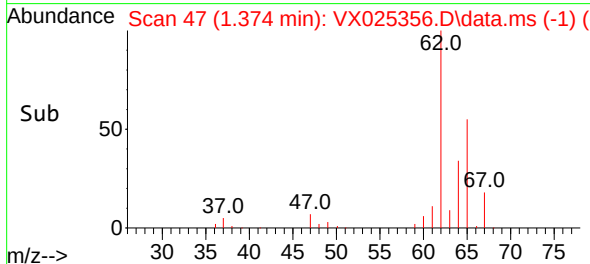
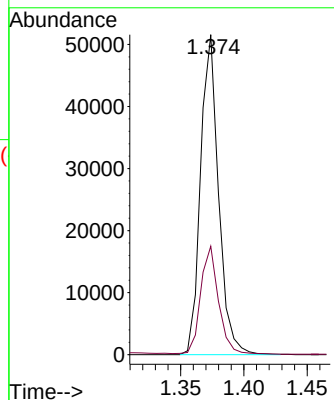


#5
 Vinyl chloride
 Concen: 45.344 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Instrument :
 MSVOA_X
 ClientSampleId :

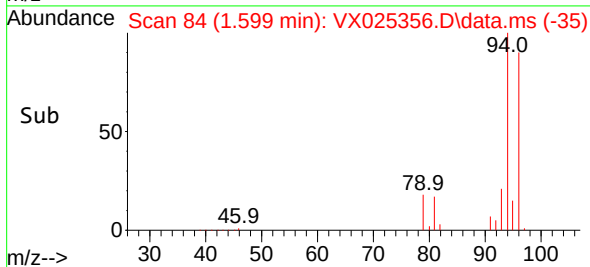
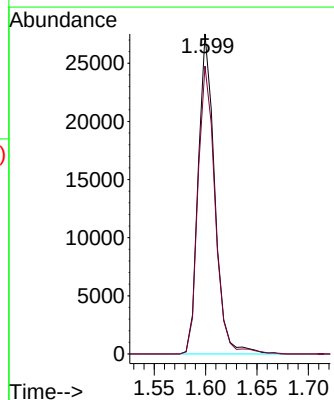
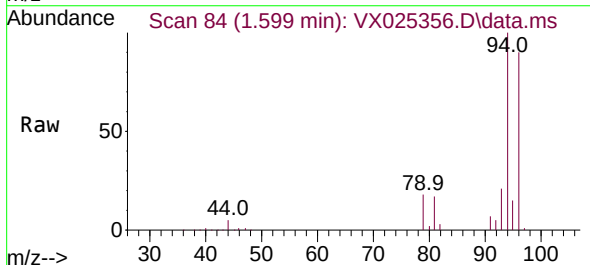


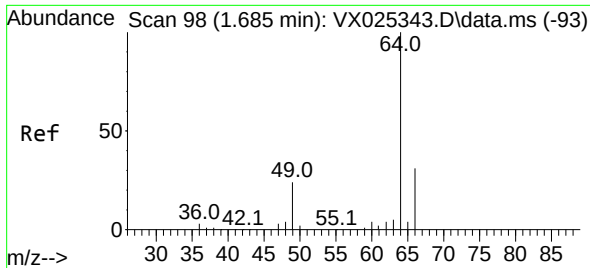
Tgt Ion: 62 Resp: 51166
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#6
 Bromomethane
 Concen: 52.268 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Tgt Ion: 94 Resp: 30854
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.7 123.9

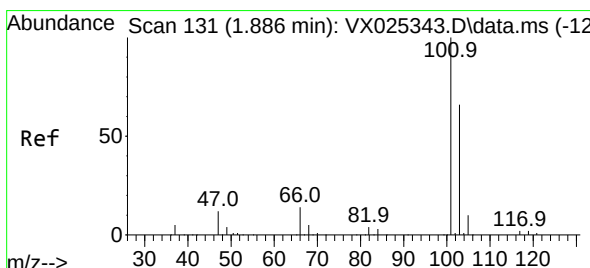
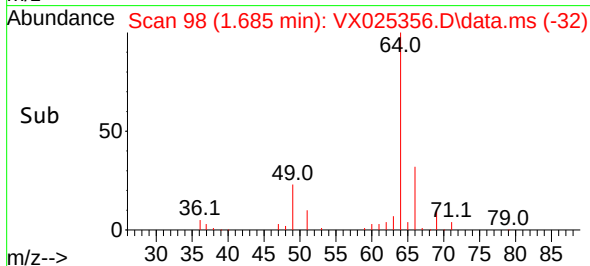
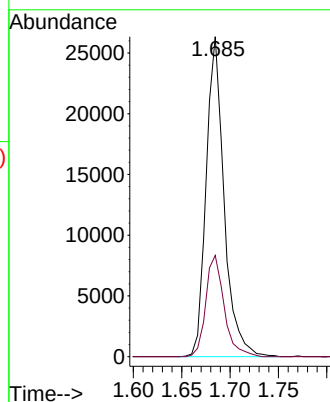
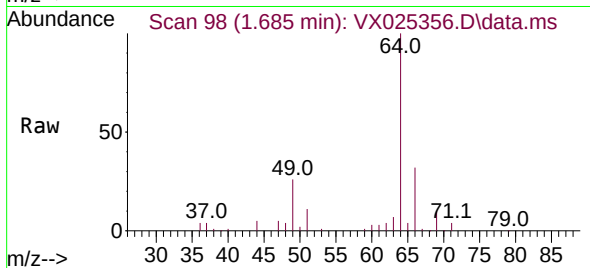




#8
Chloroethane
Concen: 45.318 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

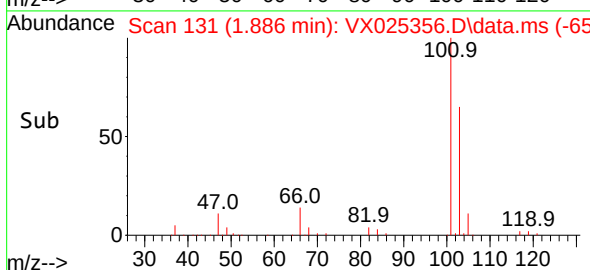
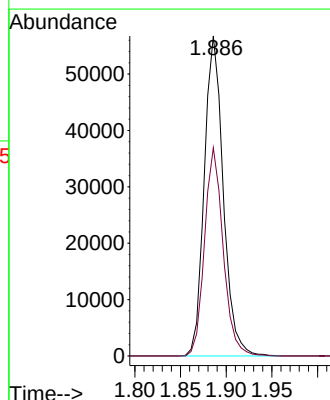
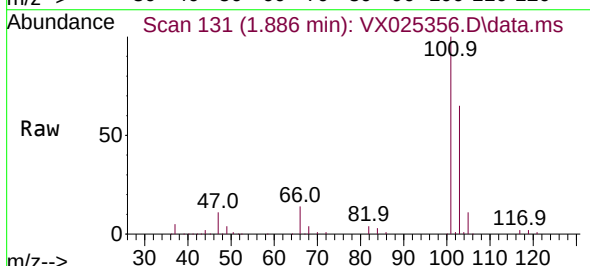
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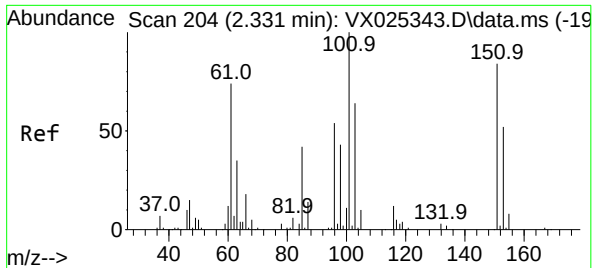
Tgt Ion: 64 Resp: 34066
Ion Ratio Lower Upper
64 100
66 31.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 46.459 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 101 Resp: 81808
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

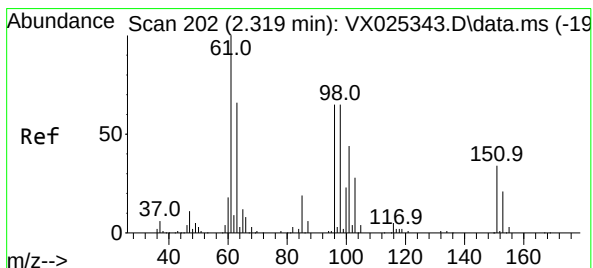
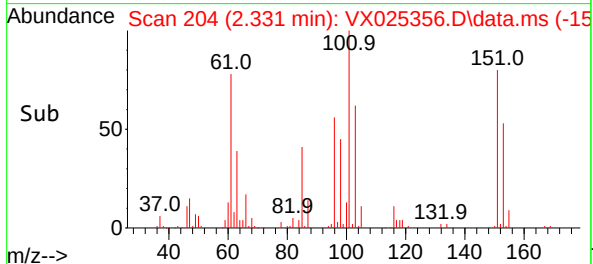
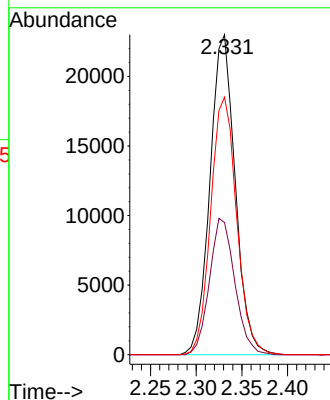
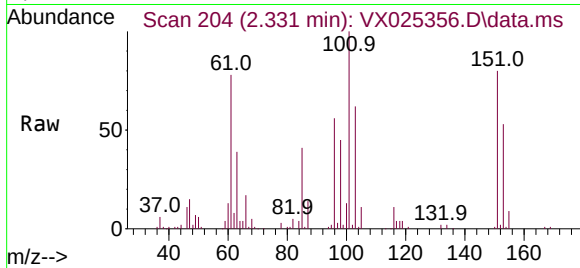




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.748 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

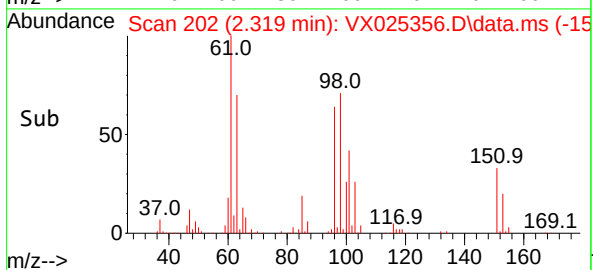
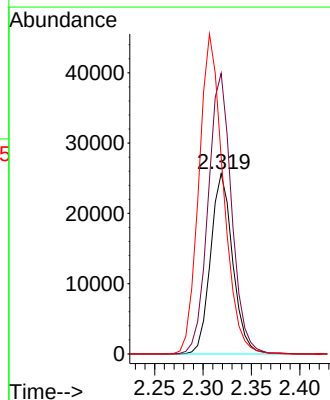
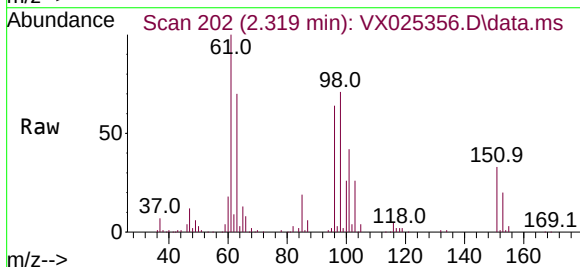
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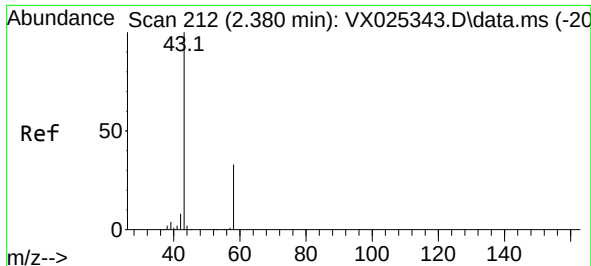
Tgt Ion:101 Resp: 44154
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.3 51.5
 151 82.6 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 47.647 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX025356.D
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Tgt Ion: 96 Resp: 40830
 Ion Ratio Lower Upper
 96 100
 61 155.6 108.7 201.9
 63 109.3 76.3 141.7





#13

Acetone

Concen: 80.102 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

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Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

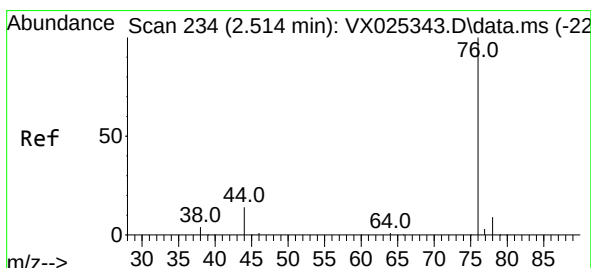
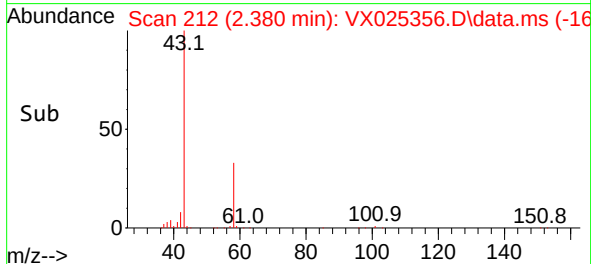
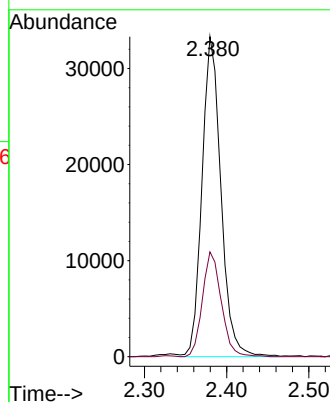
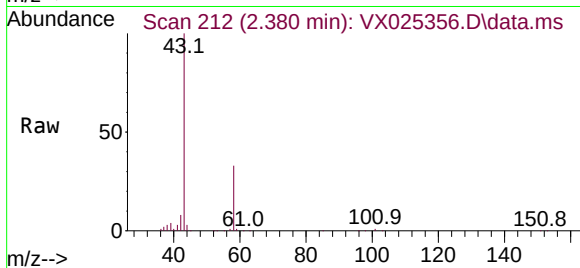
ClientSampleId :

Tgt Ion: 43 Resp: 53397

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.6



#14

Carbon disulfide

Concen: 43.591 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX025356.D

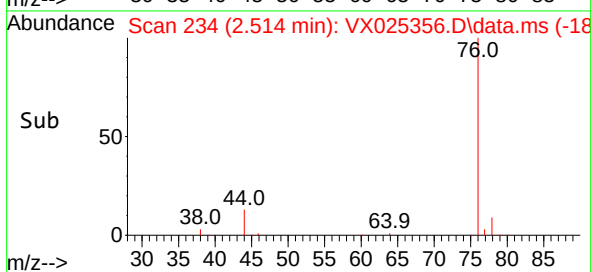
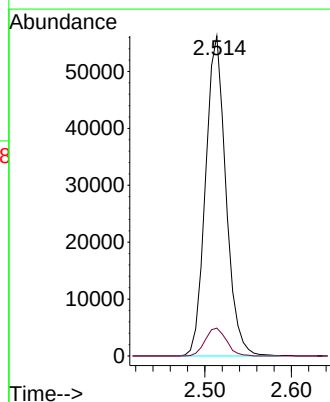
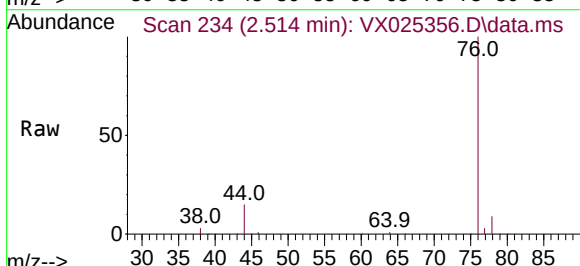
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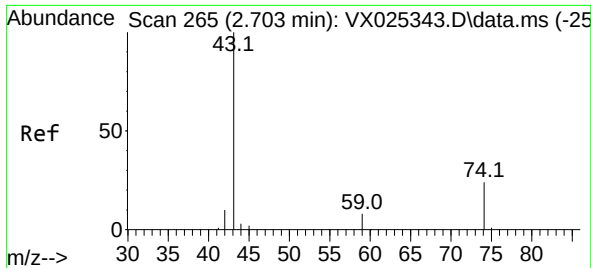
Tgt Ion: 76 Resp: 91850

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

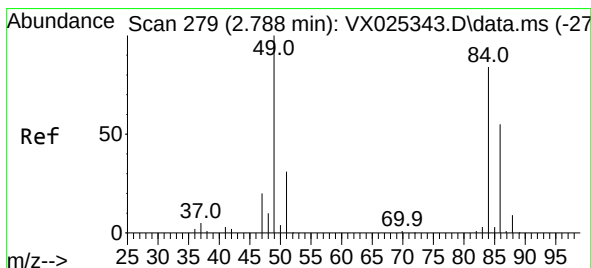
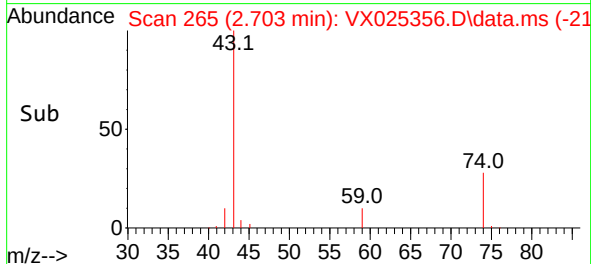
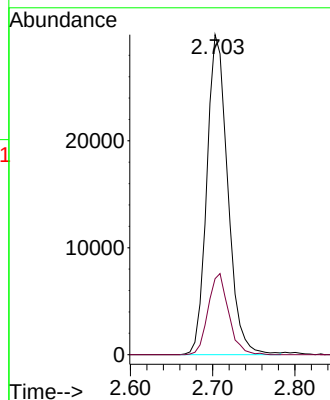
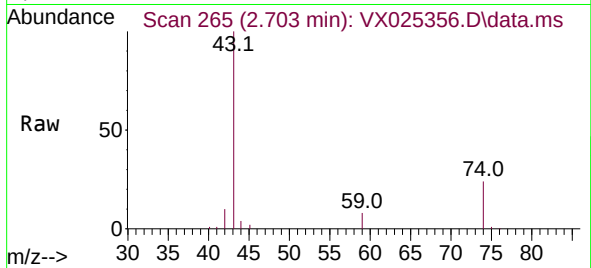




#15
Methyl Acetate
Concen: 49.157 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

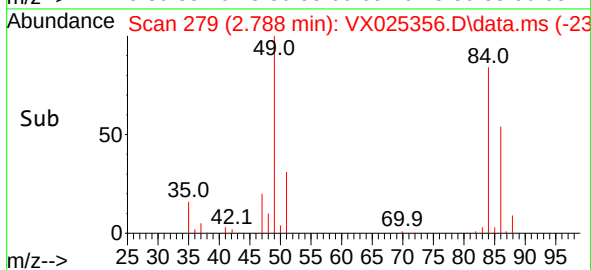
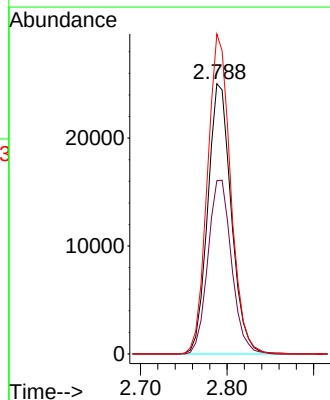
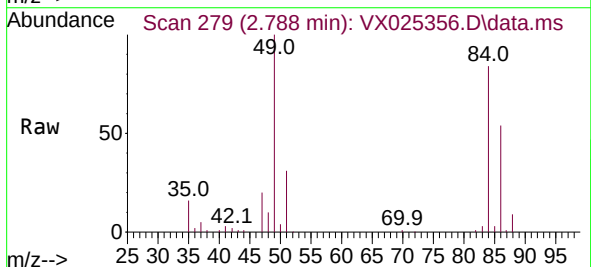
Instrument :
MSVOA_X
ClientSampleId :

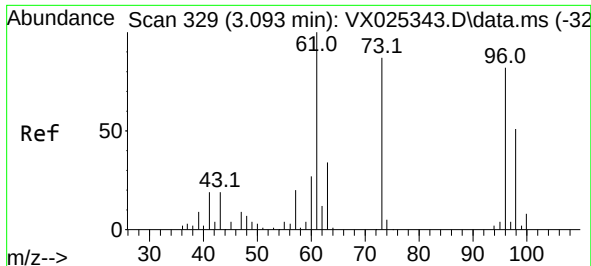
Tgt Ion: 43 Resp: 52958
Ion Ratio Lower Upper
43 100
74 24.8 0.1 0.1#



#16
Methylene chloride
Concen: 47.636 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 84 Resp: 47213
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.9
49 118.4 82.3 152.8



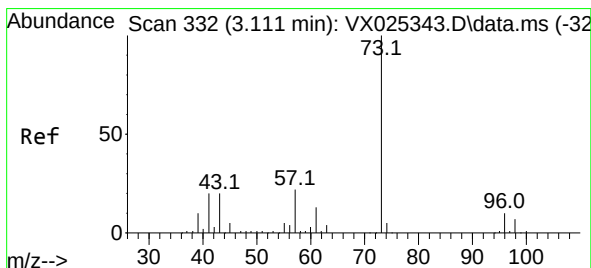
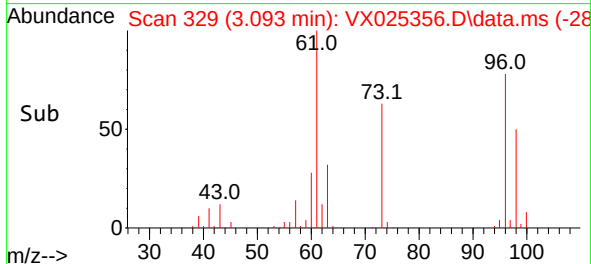
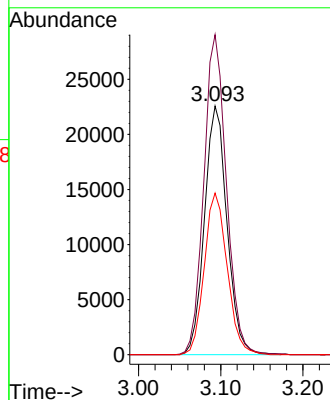
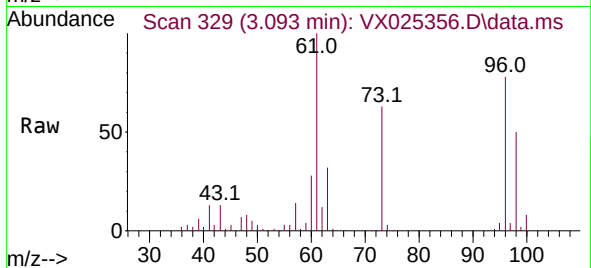


#17
 trans-1,2-Dichloroethene
 Concen: 46.666 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 96 Resp: 43053

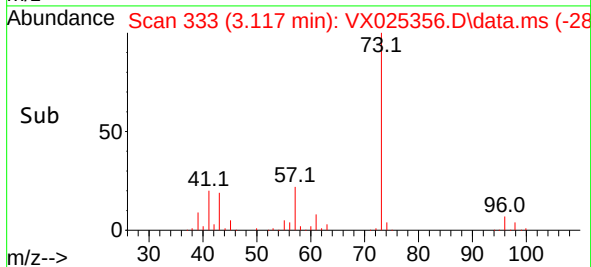
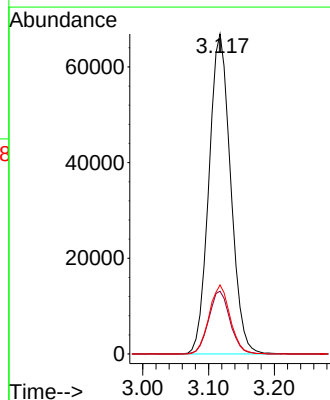
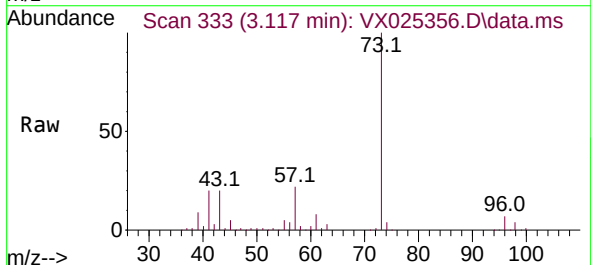
Ion	Ratio	Lower	Upper
96	100		
61	128.7	88.5	164.4
98	65.0	44.3	82.3

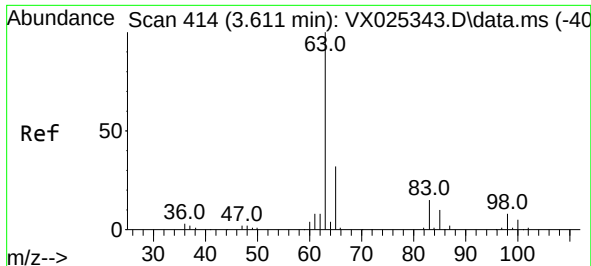


#18
 Methyl tert-butyl Ether
 Concen: 48.950 ug/L
 RT: 3.117 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Tgt Ion: 73 Resp: 153491

Ion	Ratio	Lower	Upper
73	100		
43	19.4	15.7	23.5
57	20.9	17.3	25.9





#19

1,1-Dichloroethane

Concen: 49.914 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

ClientSampleId :

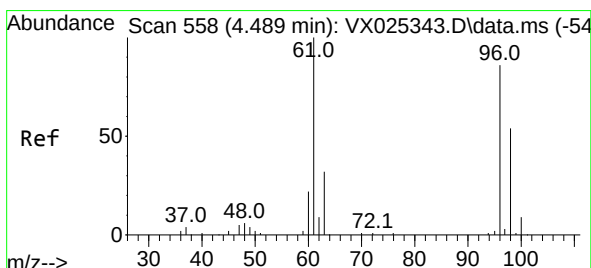
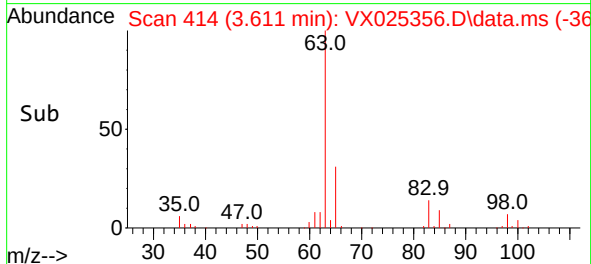
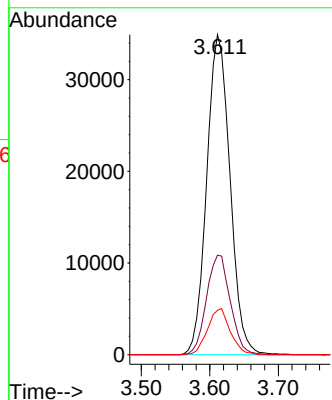
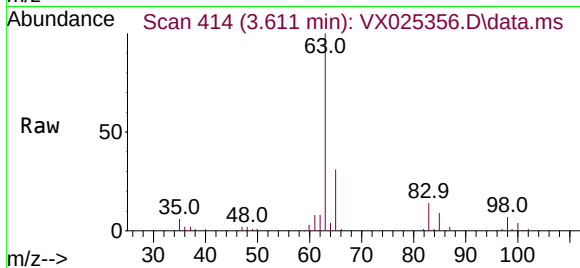
Tgt Ion: 63 Resp: 82468

Ion Ratio Lower Upper

63 100

65 31.1 22.2 41.2

83 13.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 48.426 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

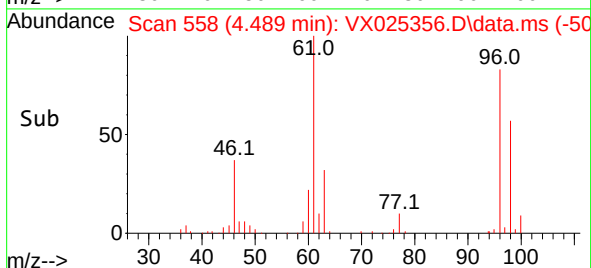
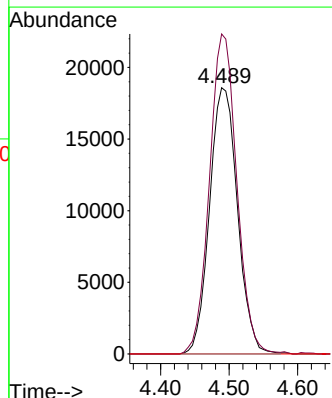
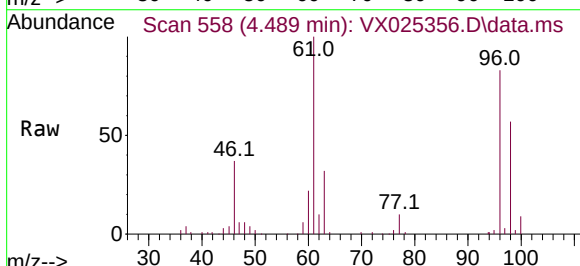
Tgt Ion: 96 Resp: 52648

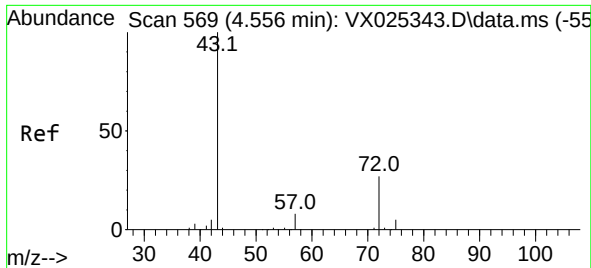
Ion Ratio Lower Upper

96 100

61 120.2 82.3 152.8

68 0.0 0.0 0.0

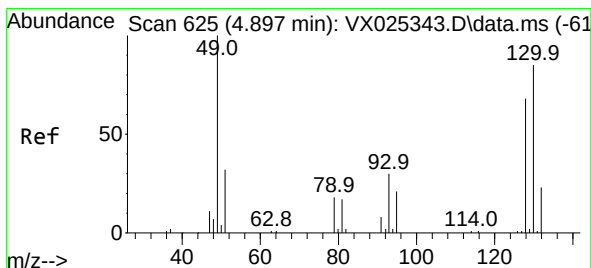
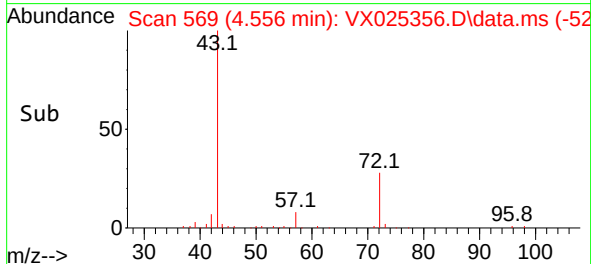
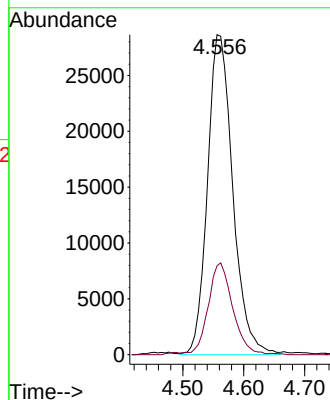
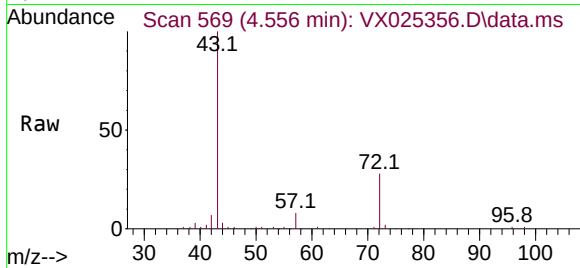




#22
2-Butanone
Concen: 93.842 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

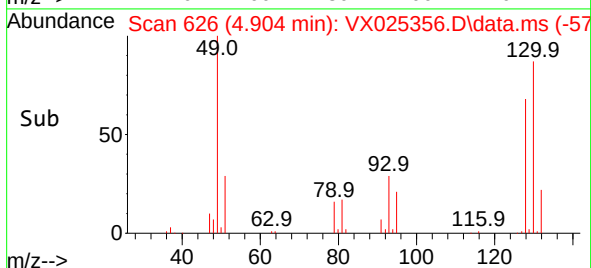
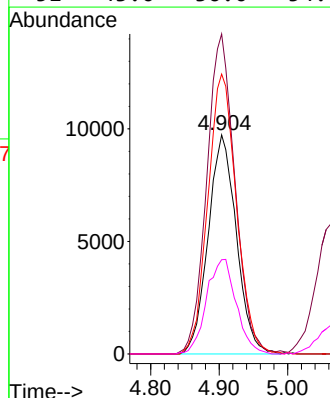
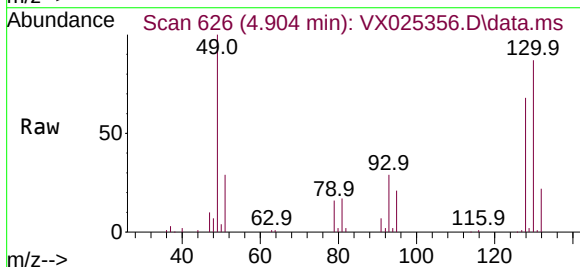
Instrument :
MSVOA_X
ClientSampleId :

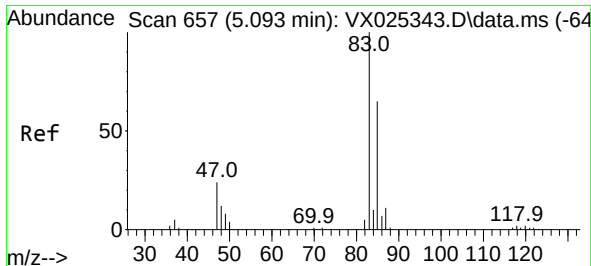
Tgt Ion: 43 Resp: 82731
Ion Ratio Lower Upper
43 100
72 27.4 13.8 41.3



#23
Bromochloromethane
Concen: 48.406 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 128 Resp: 27803
Ion Ratio Lower Upper
128 100
49 146.1 97.7 181.5
130 127.7 88.2 163.8
51 43.0 36.0 54.0





#25

Chloroform

Concen: 49.386 ug/L

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

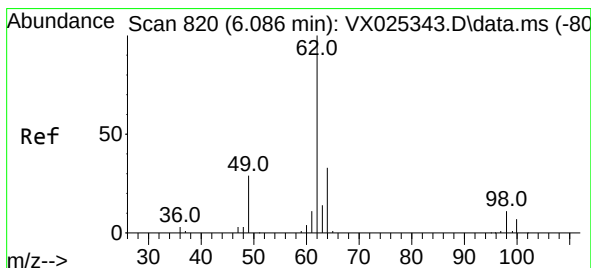
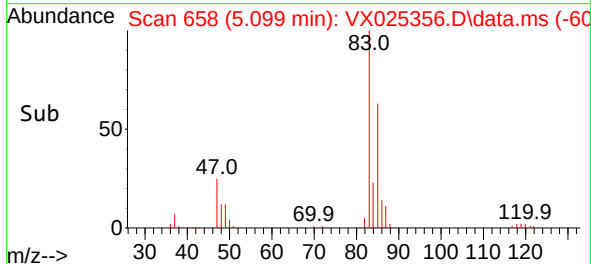
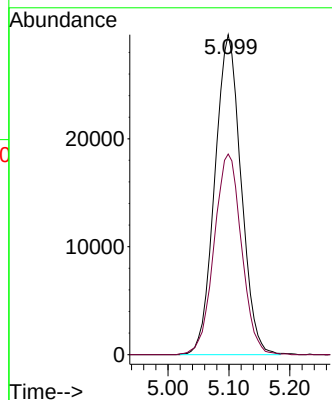
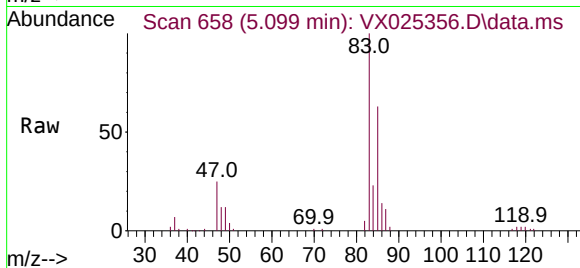
ClientSampleId :

Tgt Ion: 83 Resp: 88798

Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.5



#27

1,2-Dichloroethane

Concen: 50.308 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX025356.D

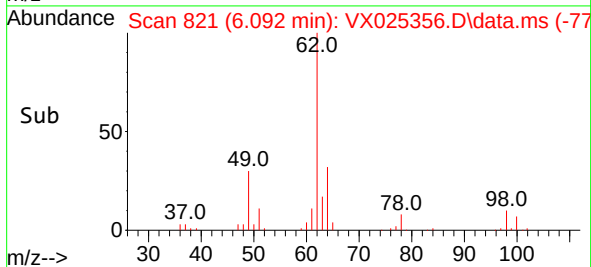
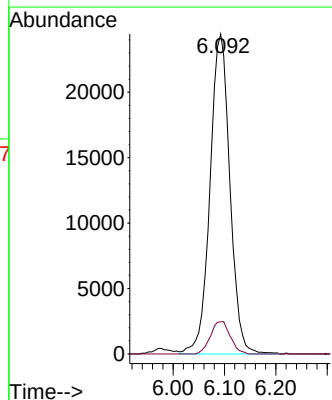
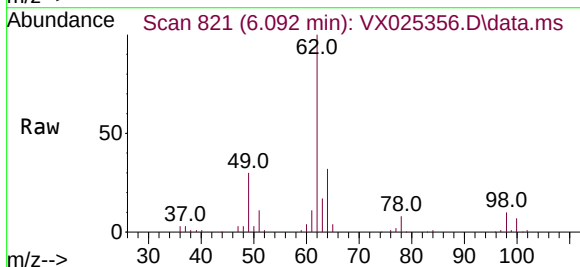
Acq: 26 Nov 2021 15:20

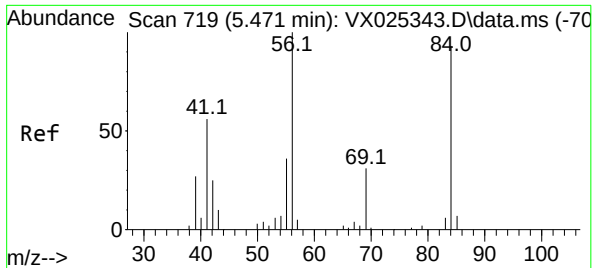
Tgt Ion: 62 Resp: 65791

Ion Ratio Lower Upper

62 100

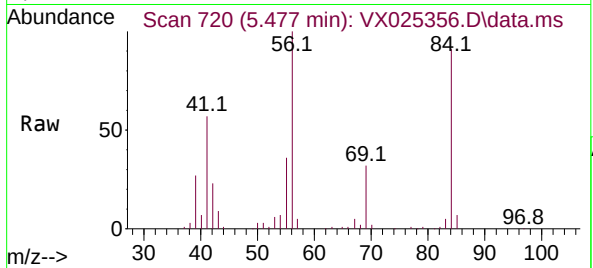
98 10.1 8.2 12.2



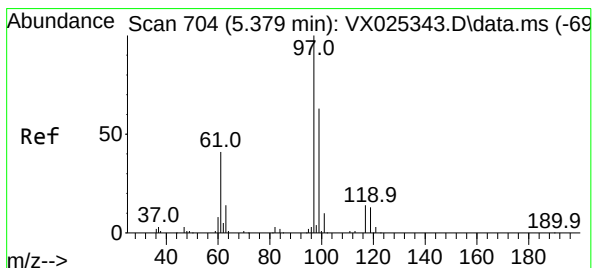
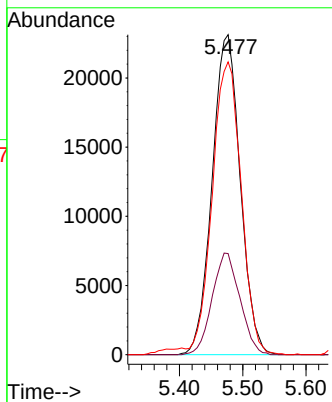
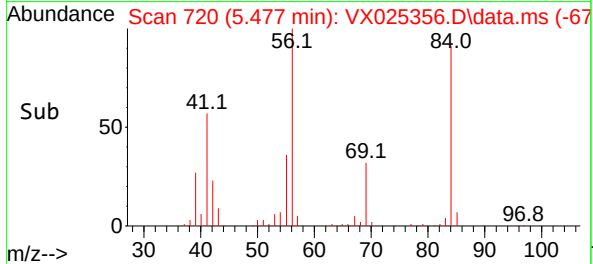


#29
Cyclohexane
Concen: 46.857 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :

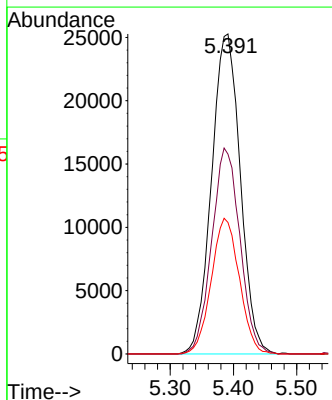
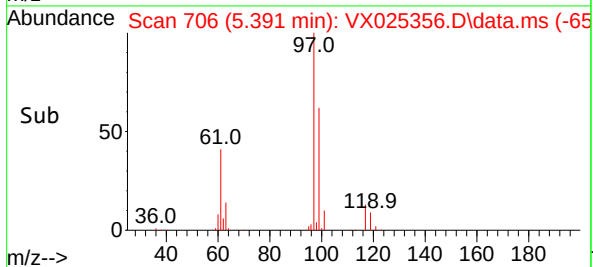
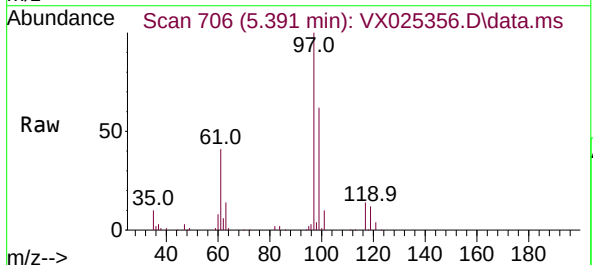


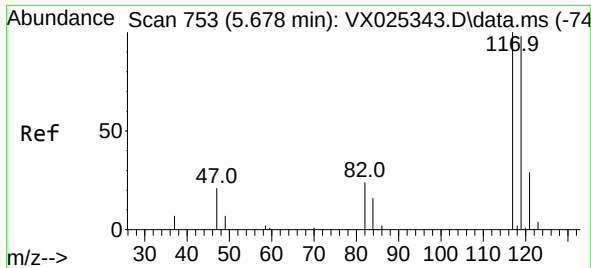
Tgt Ion: 56 Resp: 71281
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.2
84 94.2 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 48.704 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

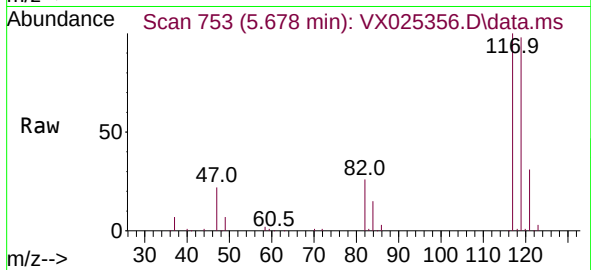
Tgt Ion: 97 Resp: 79834
Ion Ratio Lower Upper
97 100
99 63.1 51.5 77.3
61 41.4 33.1 49.7



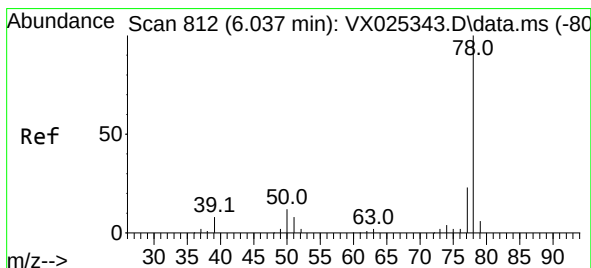
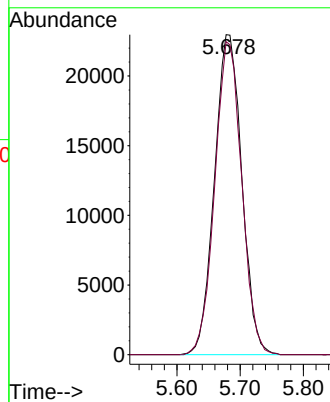
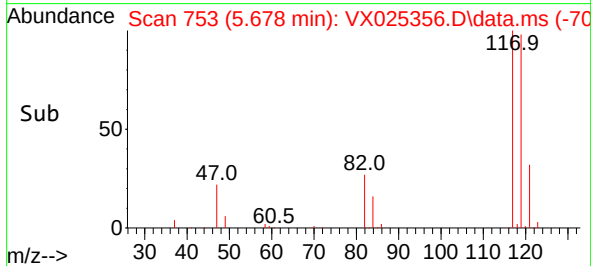


#31
Carbon tetrachloride
Concen: 47.111 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :

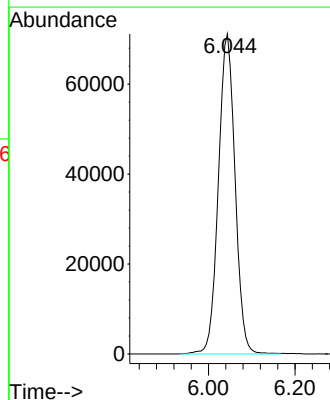
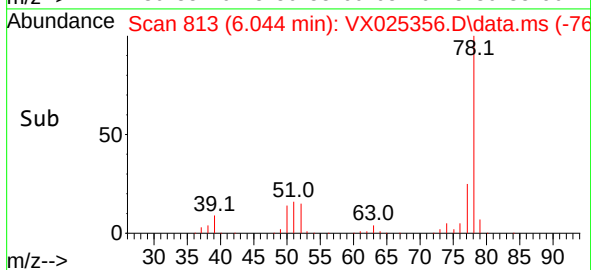
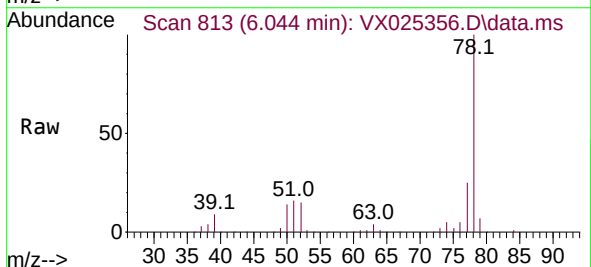


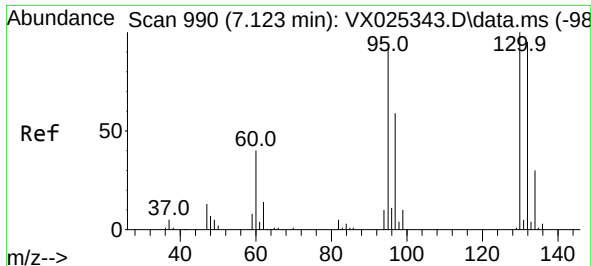
Tgt Ion:117 Resp: 68959
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2



#33
Benzene
Concen: 48.076 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 78 Resp: 190707

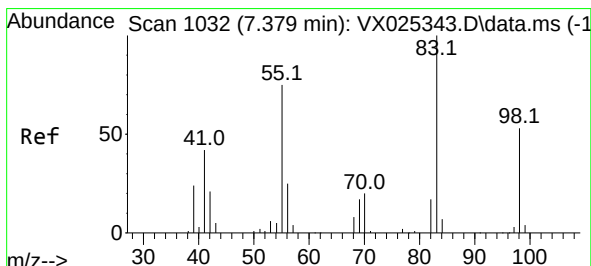
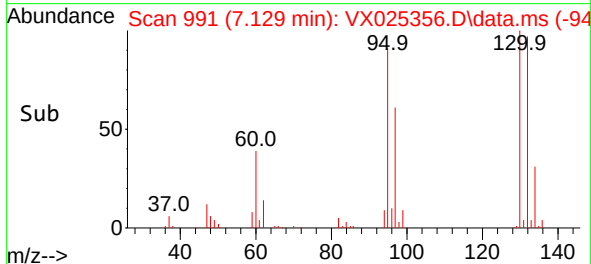
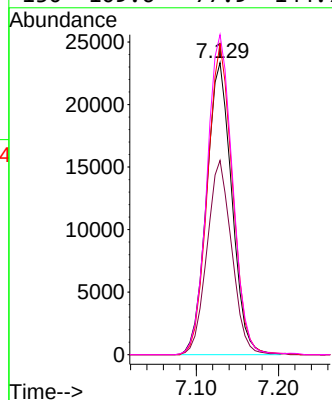
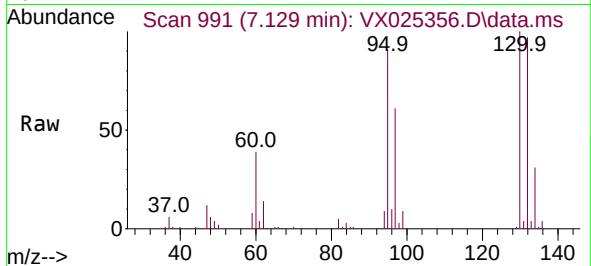




#34
Trichloroethene
Concen: 47.731 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

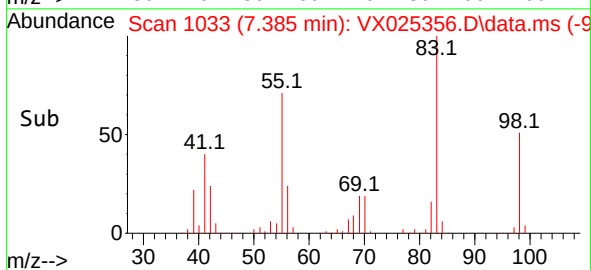
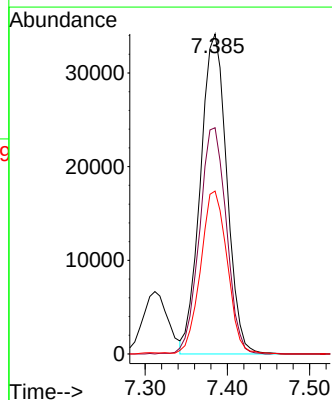
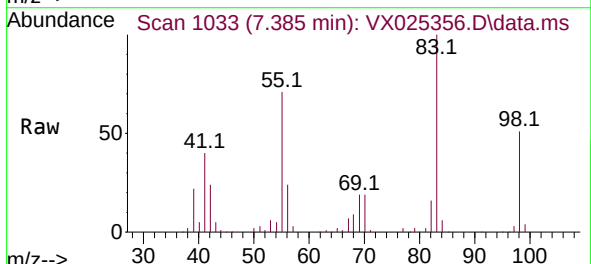
Instrument :
MSVOA_X
ClientSampleId :

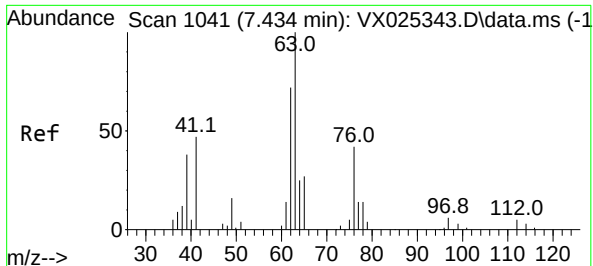
Tgt Ion: 95 Resp: 49801
Ion Ratio Lower Upper
95 100
97 66.5 46.0 85.4
132 106.4 75.0 139.2
130 109.6 77.9 144.7



#35
Methylcyclohexane
Concen: 46.381 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 83 Resp: 76166
Ion Ratio Lower Upper
83 100
55 71.8 57.3 85.9
98 51.3 41.1 61.7





#37

1,2-Dichloropropane

Concen: 48.534 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

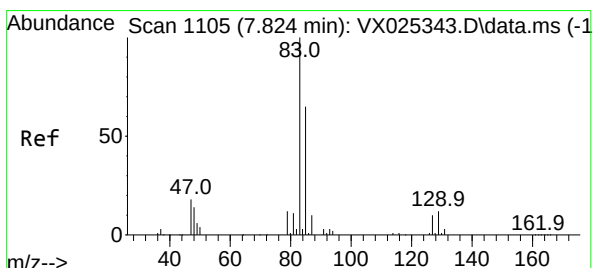
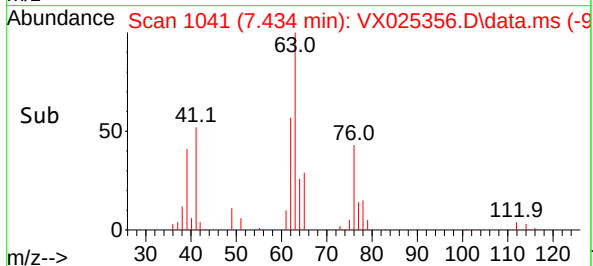
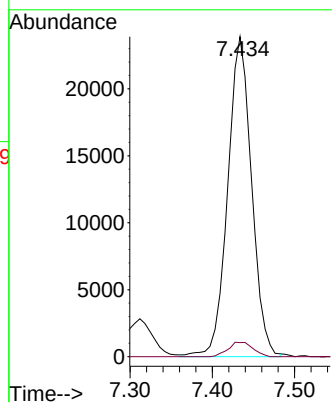
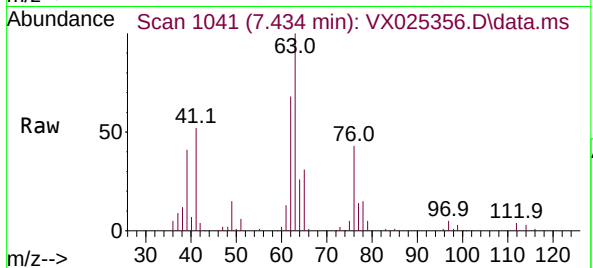
ClientSampleId :

Tgt Ion: 63 Resp: 48290

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 47.472 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

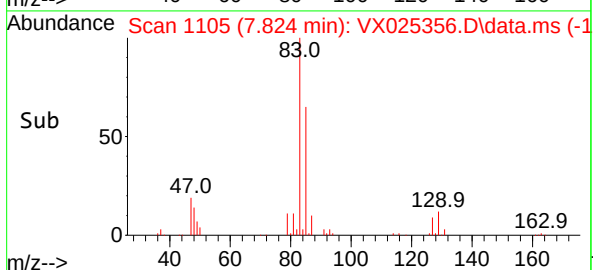
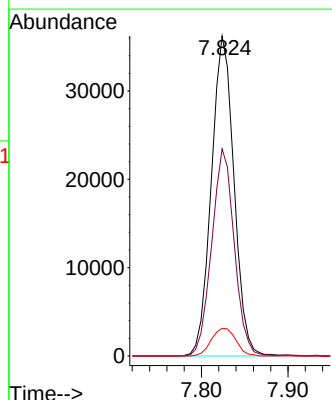
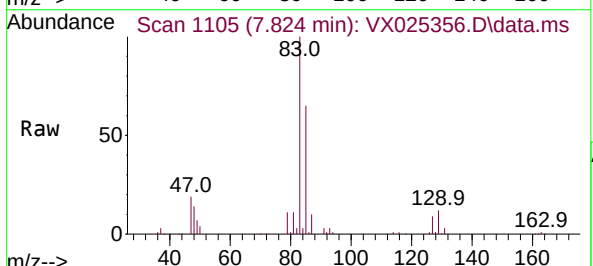
Tgt Ion: 83 Resp: 65778

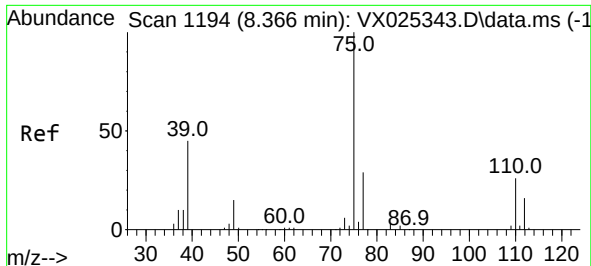
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.592 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

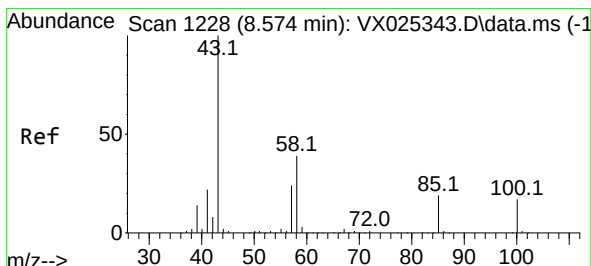
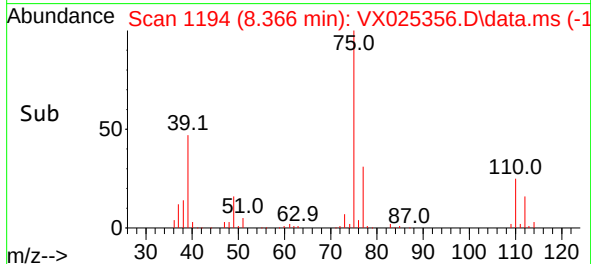
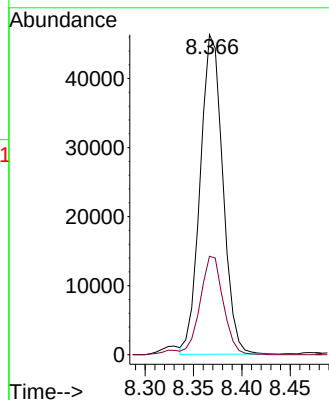
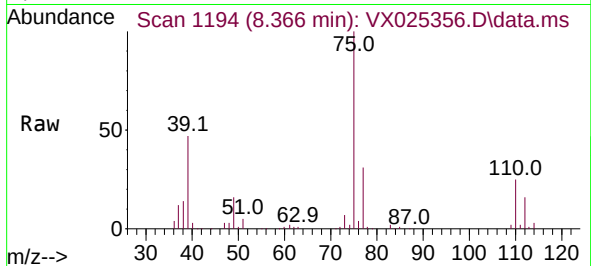
ClientSampleId :

Tgt Ion: 75 Resp: 75505

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 98.606 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

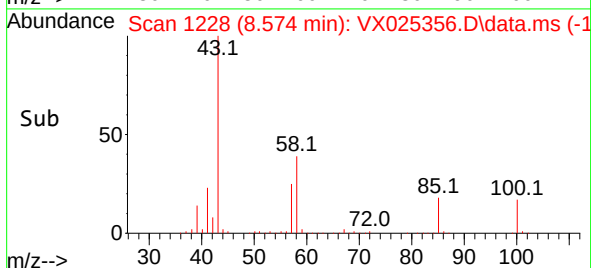
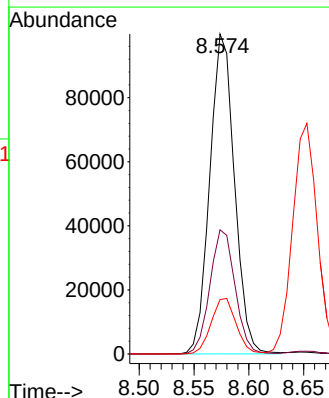
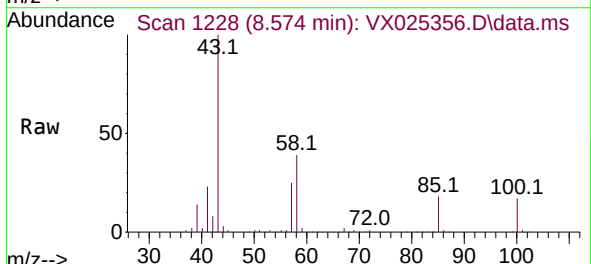
Tgt Ion: 43 Resp: 156665

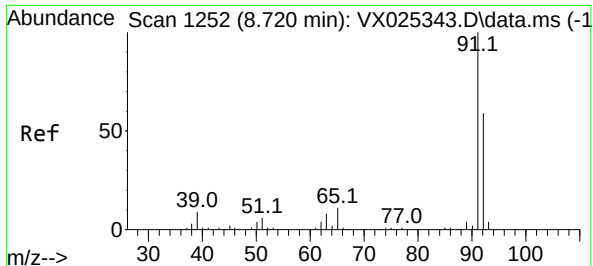
Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2

100 17.7 14.2 21.2





#42

Toluene

Concen: 47.594 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

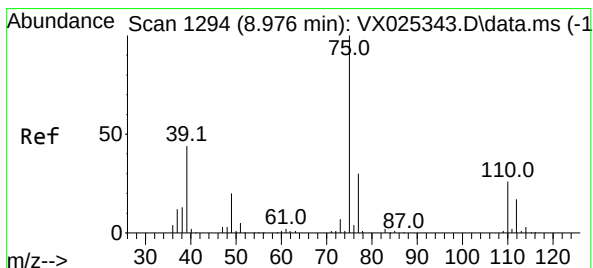
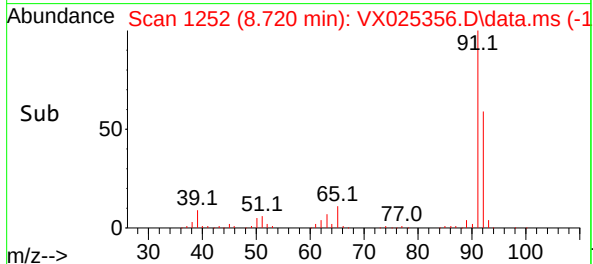
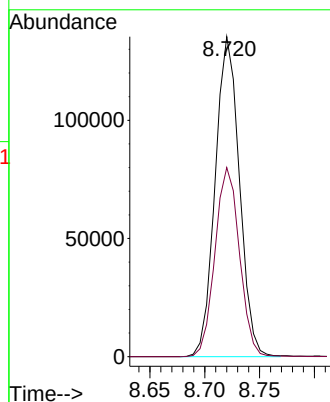
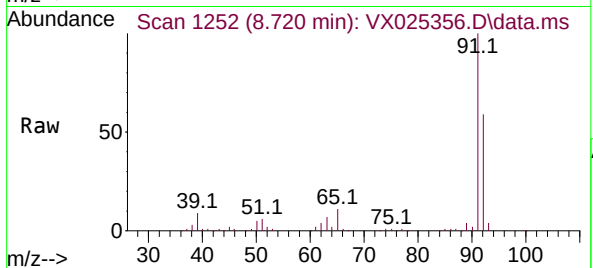
ClientSampleId :

Tgt Ion: 91 Resp: 208210

Ion Ratio Lower Upper

91 100

92 59.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.005 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX025356.D

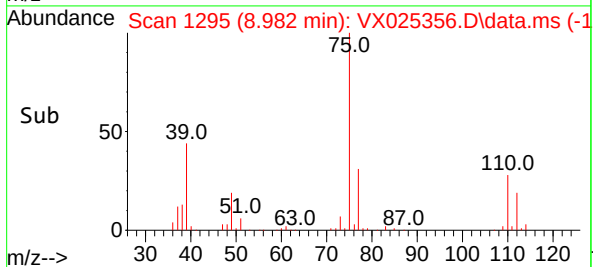
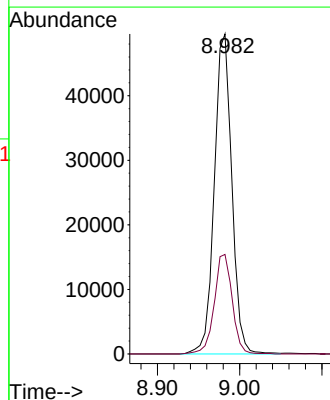
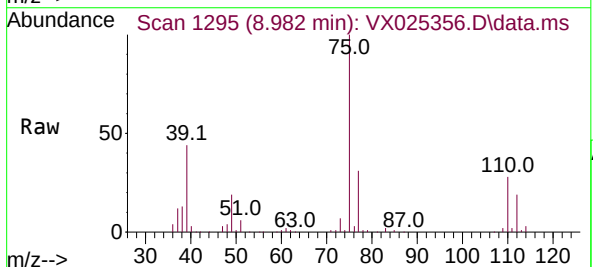
Acq: 26 Nov 2021 15:20

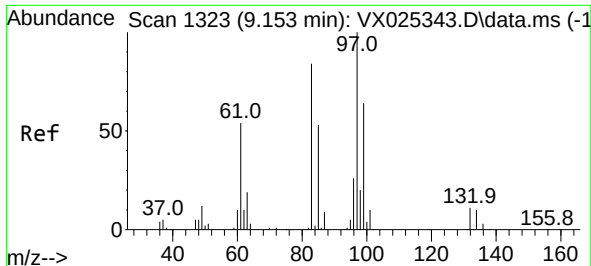
Tgt Ion: 75 Resp: 73214

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8

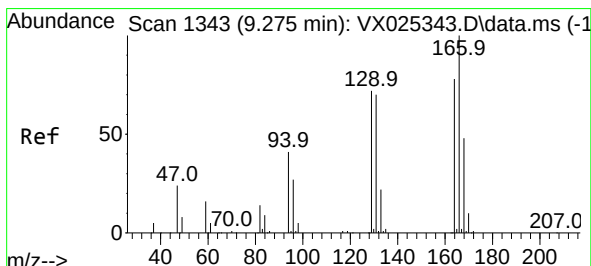
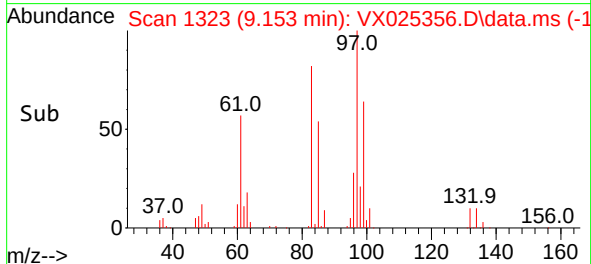
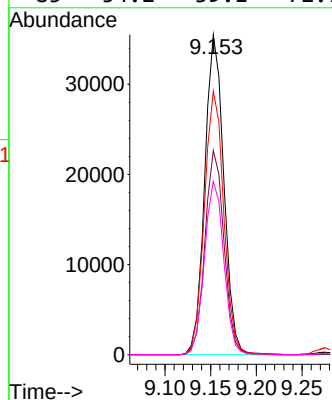
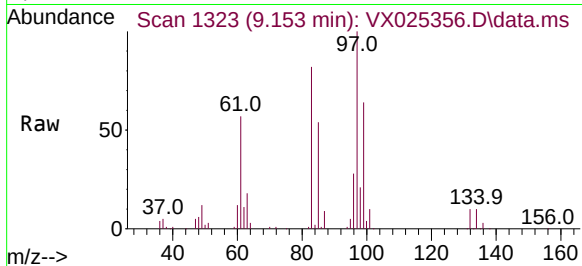




#45
1,1,2-Trichloroethane
Concen: 48.766 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

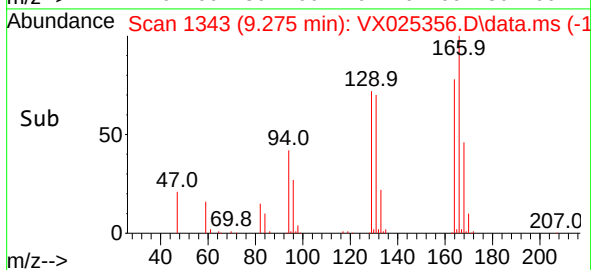
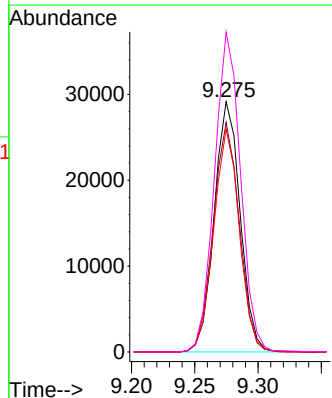
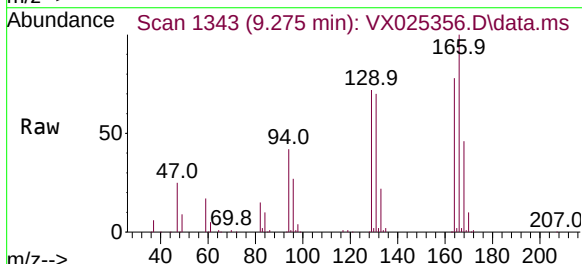
Instrument :
MSVOA_X
ClientSampleId :

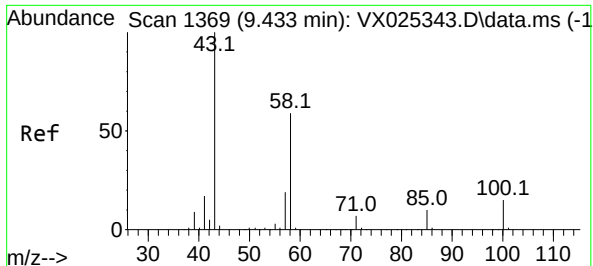
Tgt Ion:	97	Resp:	51491
Ion	Ratio	Lower	Upper
97	100		
99	63.8	46.0	85.4
83	82.4	59.6	110.8
85	54.2	39.1	72.7



#46
Tetrachloroethene
Concen: 46.874 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion:	164	Resp:	41476
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.7	120.1
131	89.1	63.2	117.4
166	127.9	90.1	167.3





#48

2-Hexanone

Concen: 95.786 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

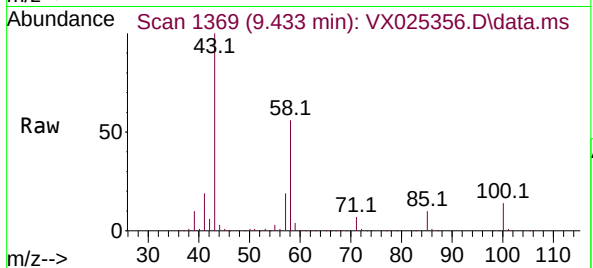
Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 122229

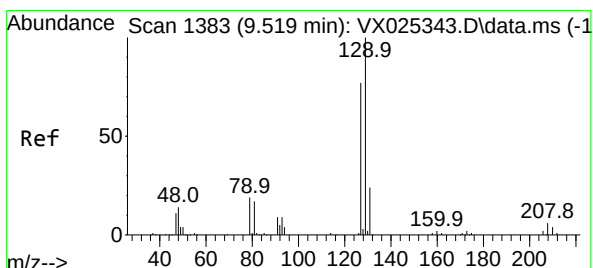
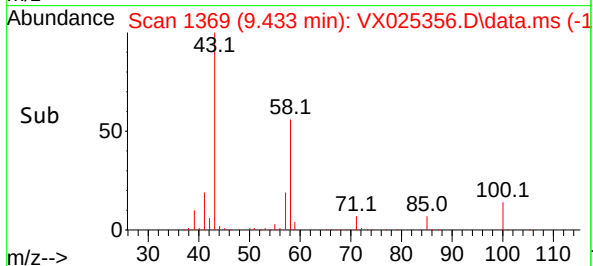
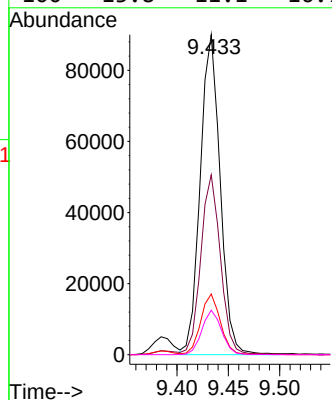
Ion Ratio Lower Upper

43 100

58 54.7 44.2 66.4

57 18.9 15.1 22.7

100 13.8 11.1 16.7



#49

Dibromochloromethane

Concen: 47.445 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX025356.D

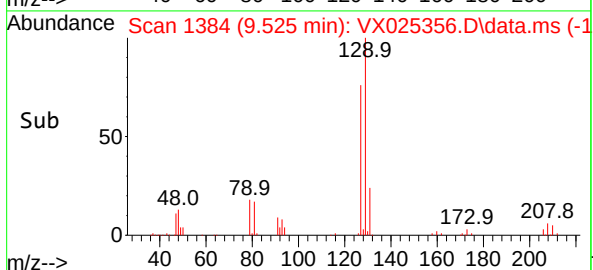
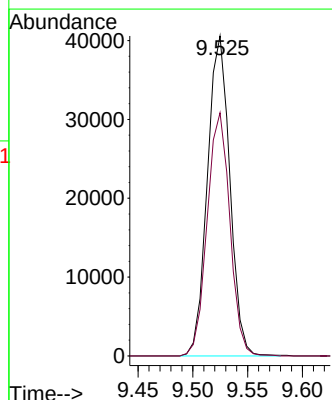
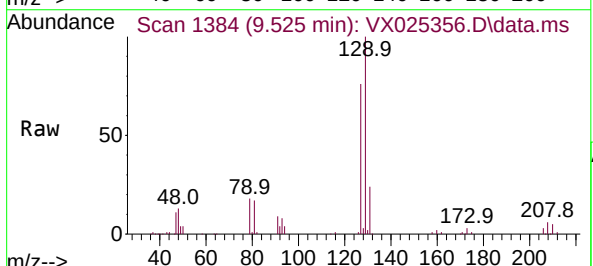
Acq: 26 Nov 2021 15:20

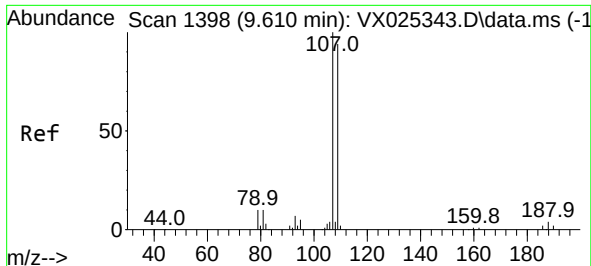
Tgt Ion:129 Resp: 57739

Ion Ratio Lower Upper

129 100

127 76.0 52.4 97.2

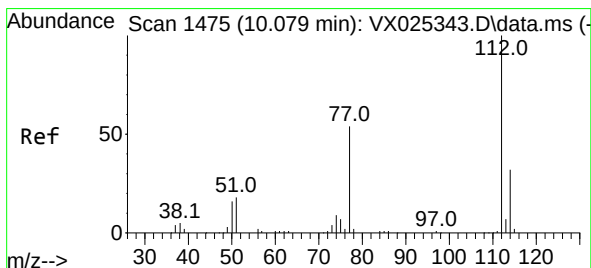
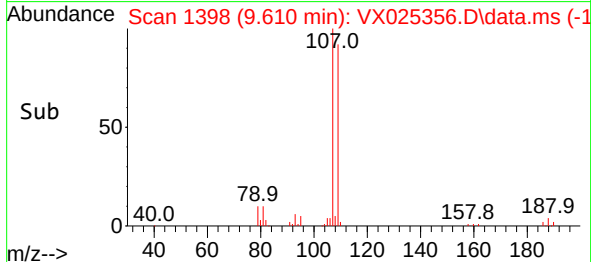
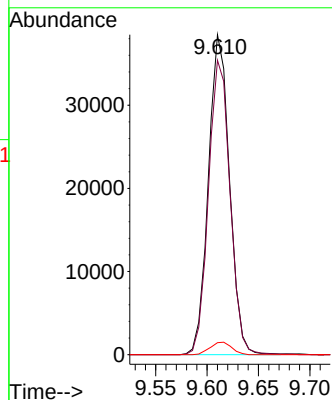
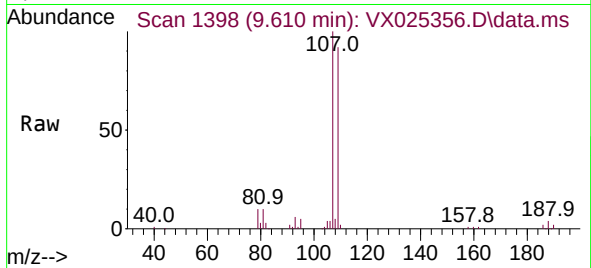




#50
1,2-Dibromoethane
Concen: 48.984 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

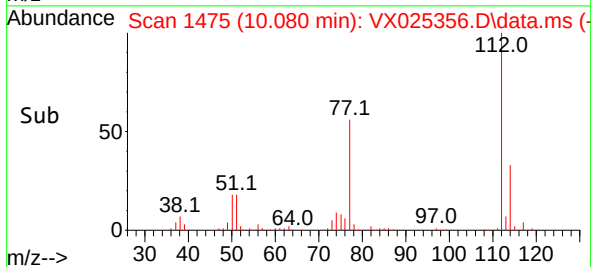
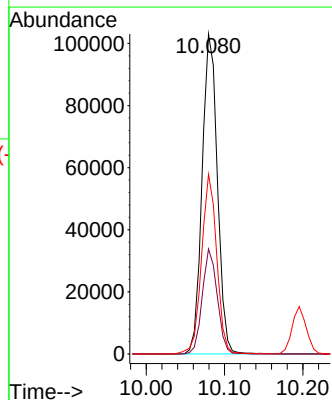
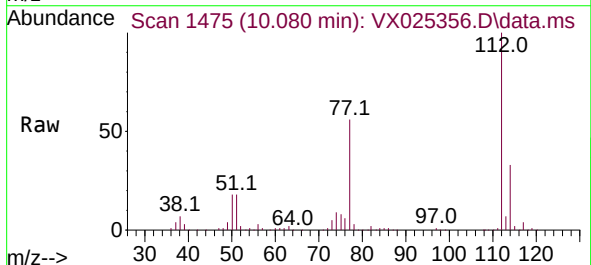
Instrument :
MSVOA_X
ClientSampleId :

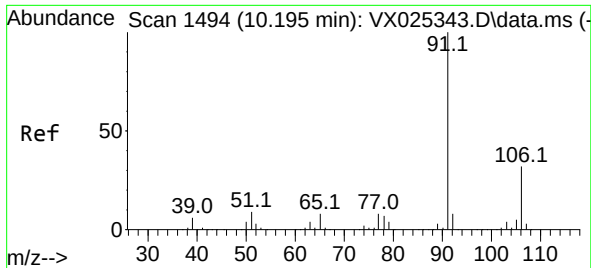
Tgt Ion:107 Resp: 55124
Ion Ratio Lower Upper
107 100
109 92.0 65.3 121.3
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 48.427 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion:112 Resp: 139746
Ion Ratio Lower Upper
112 100
114 32.8 22.5 41.9
77 56.2 44.5 66.7

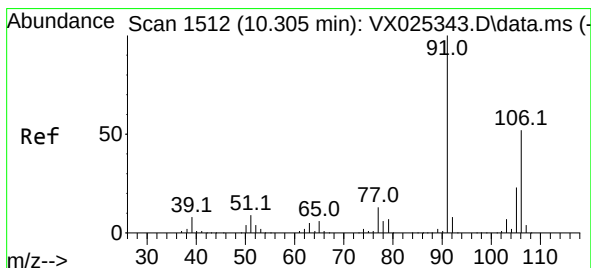
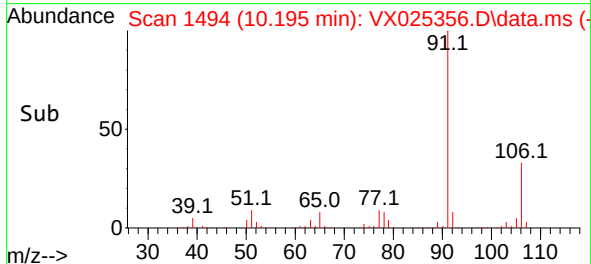
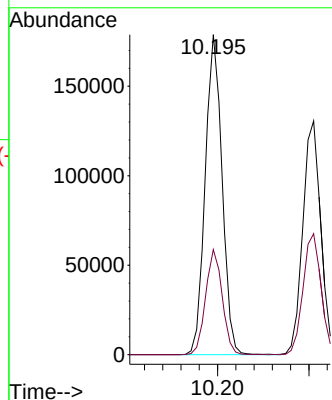
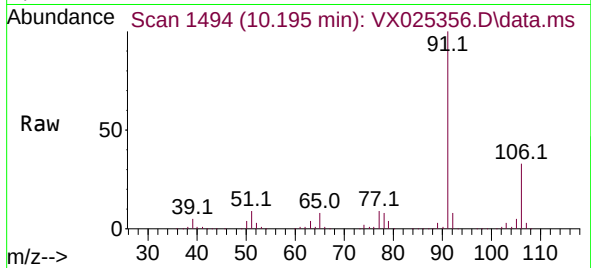




#52
Ethylbenzene
Concen: 48.593 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

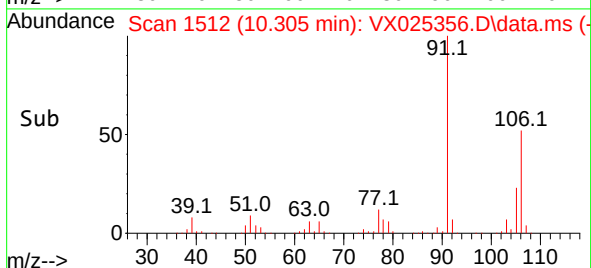
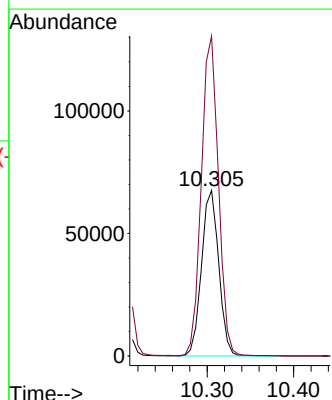
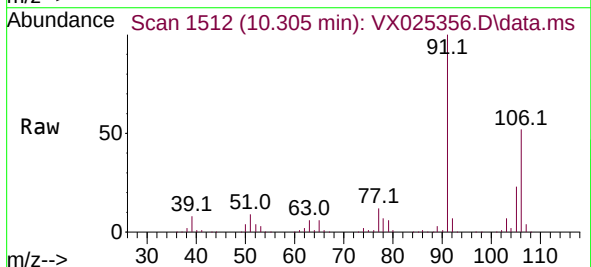
Instrument :
MSVOA_X
ClientSampleId :

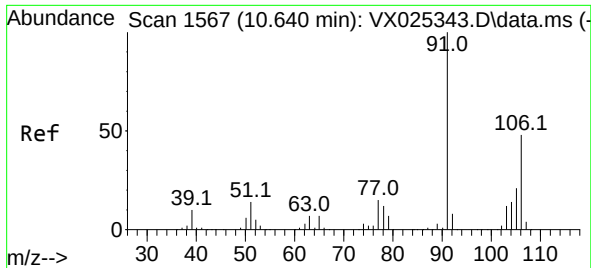
Tgt Ion: 91 Resp: 228466
Ion Ratio Lower Upper
91 100
106 32.8 23.1 42.9



#53
m,p-Xylene
Concen: 48.954 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion:106 Resp: 93231
Ion Ratio Lower Upper
106 100
91 193.3 136.8 254.2

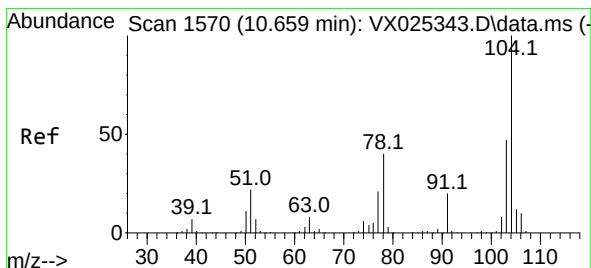
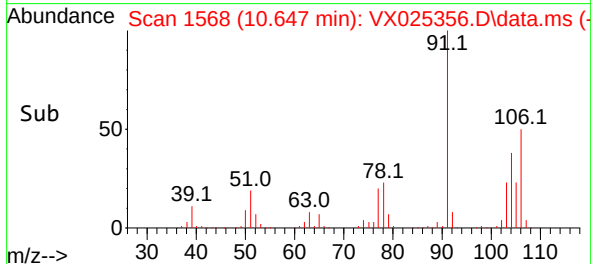
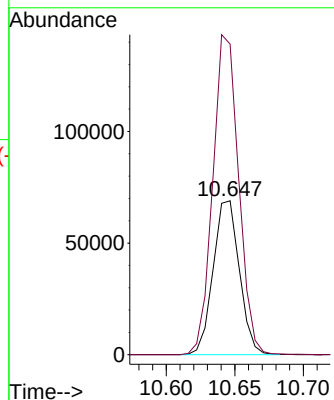
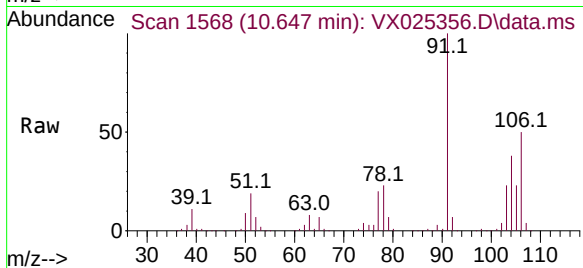




#54
o-Xylene
Concen: 48.184 ug/L
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

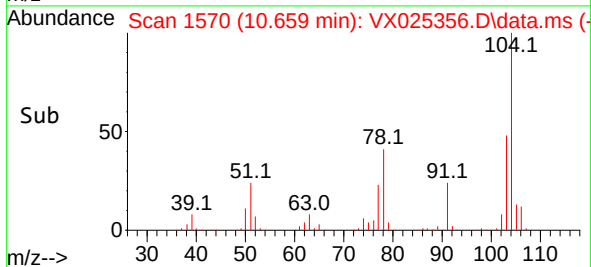
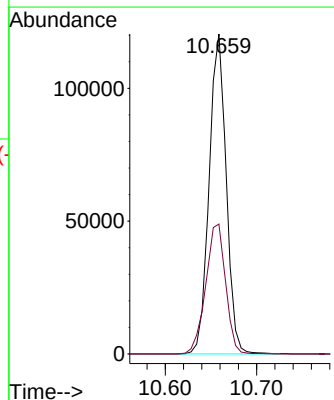
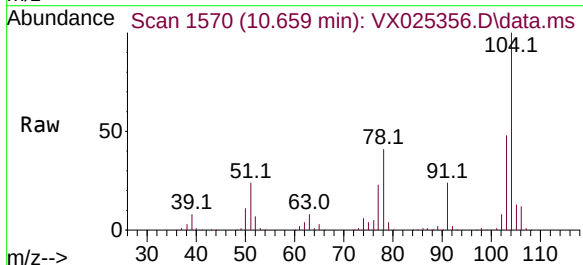
Instrument :
MSVOA_X
ClientSampleId :

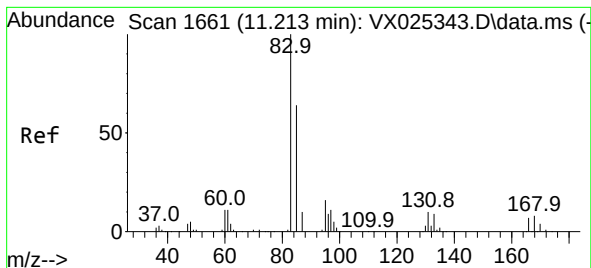
Tgt Ion:106 Resp: 91857
Ion Ratio Lower Upper
106 100
91 201.7 140.5 260.9



#55
Styrene
Concen: 49.259 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion:104 Resp: 156042
Ion Ratio Lower Upper
104 100
78 40.6 28.6 53.0

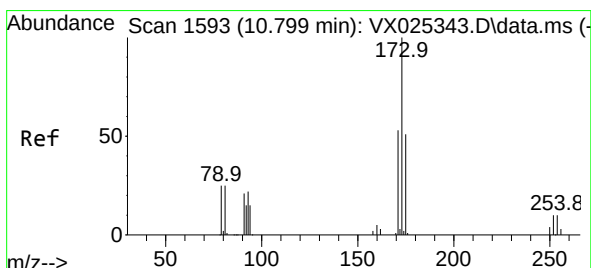
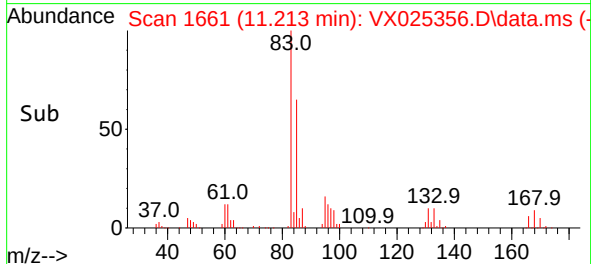
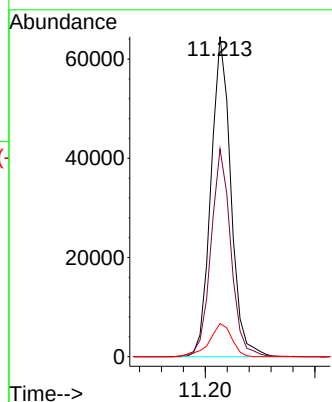
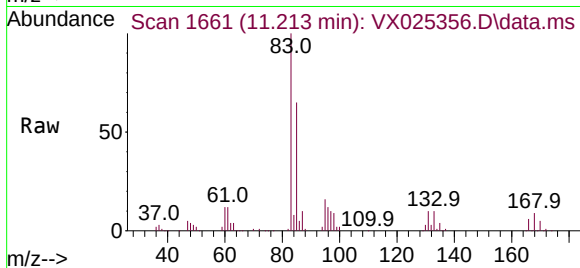




#57
1,1,2,2-Tetrachloroethane
Concen: 49.869 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

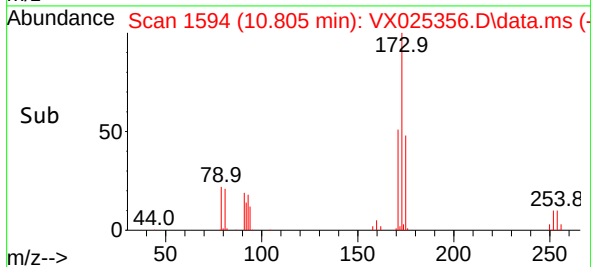
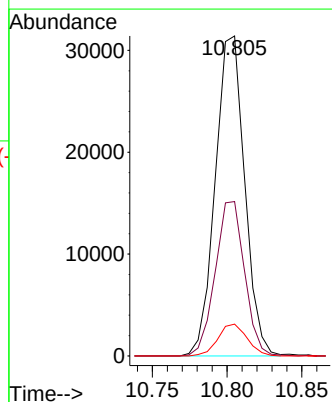
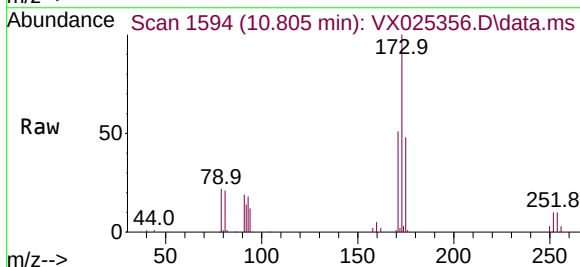
Instrument :
MSVOA_X
ClientSampleId :

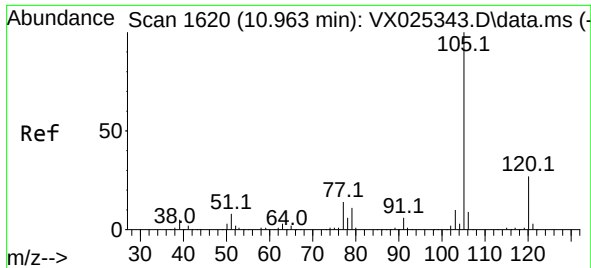
Tgt Ion: 83 Resp: 81308
Ion Ratio Lower Upper
83 100
85 64.9 47.0 87.2
131 10.4 8.5 12.7



#59
Bromoform
Concen: 45.907 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

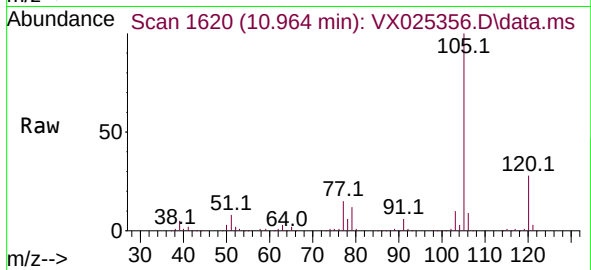
Tgt Ion: 173 Resp: 42955
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 9.9 7.7 11.5



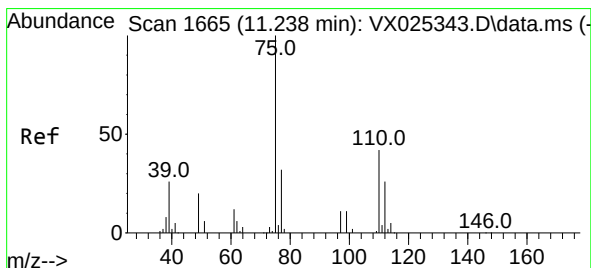
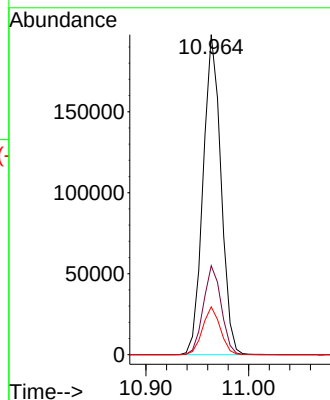
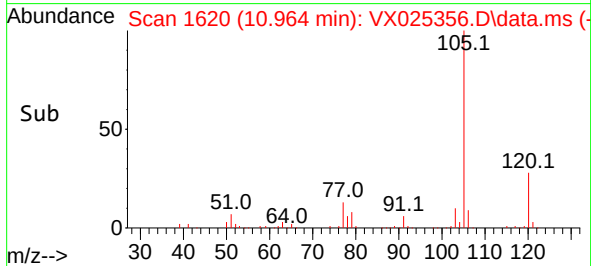


#60
Isopropylbenzene
Concen: 49.063 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :

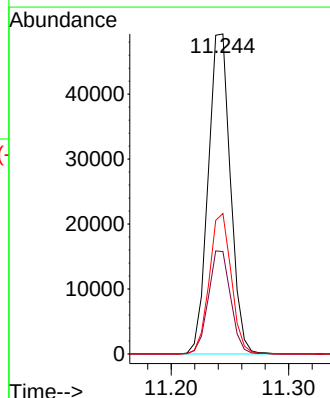
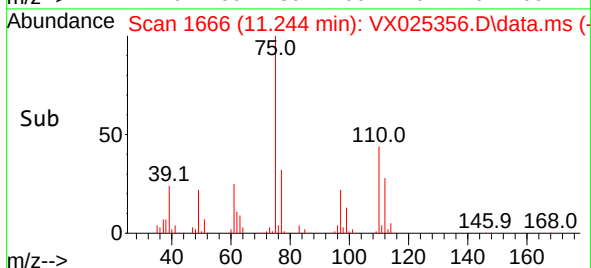
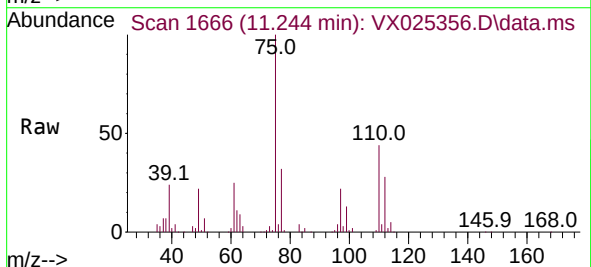


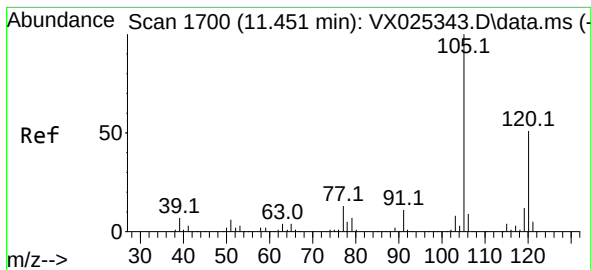
Tgt Ion:105 Resp: 239116
Ion Ratio Lower Upper
105 100
120 27.9 22.3 33.5
77 14.8 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 50.111 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion: 75 Resp: 65007
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 43.2 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 48.996 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

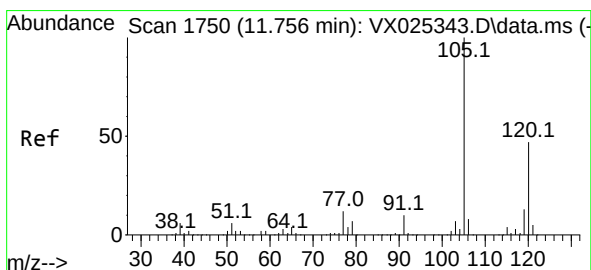
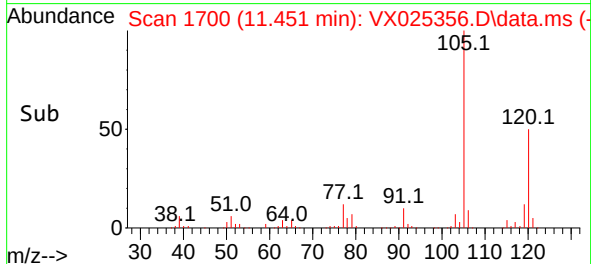
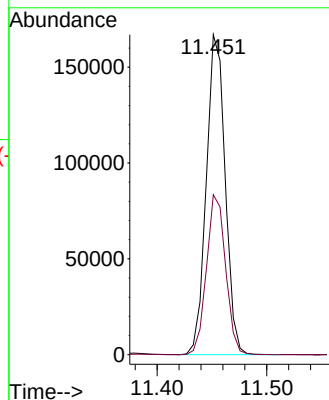
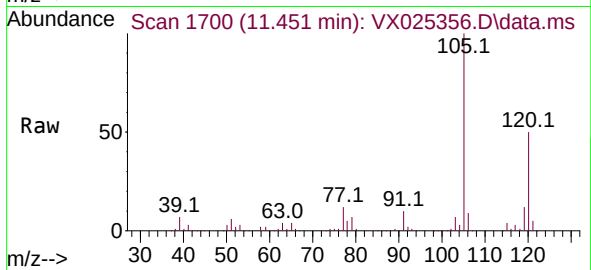
ClientSampleId :

Tgt Ion:105 Resp: 199721

Ion Ratio Lower Upper

105 100

120 50.6 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 48.483 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025356.D

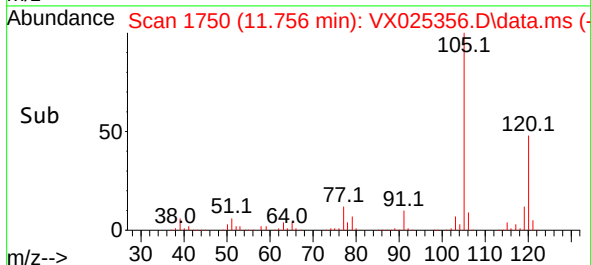
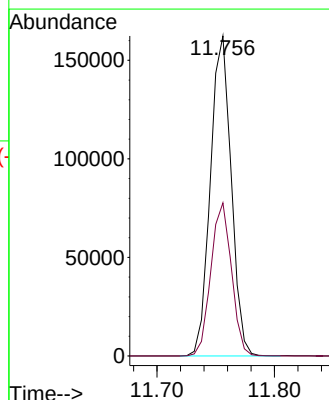
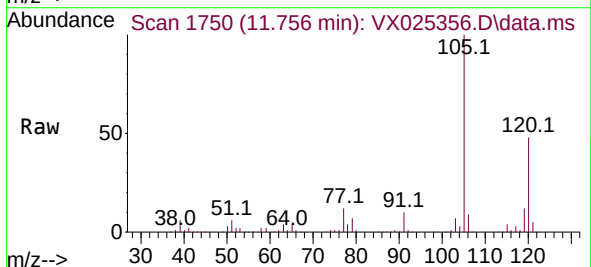
Acq: 26 Nov 2021 15:20

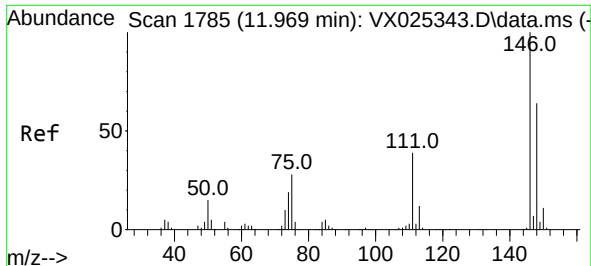
Tgt Ion:105 Resp: 199682

Ion Ratio Lower Upper

105 100

120 47.4 0.1 0.1#

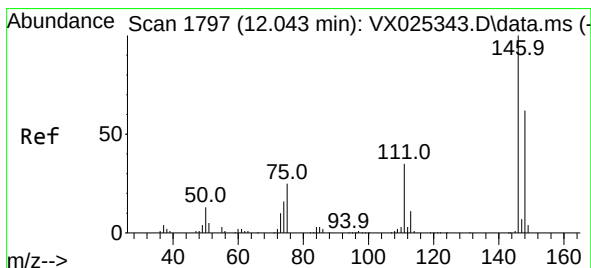
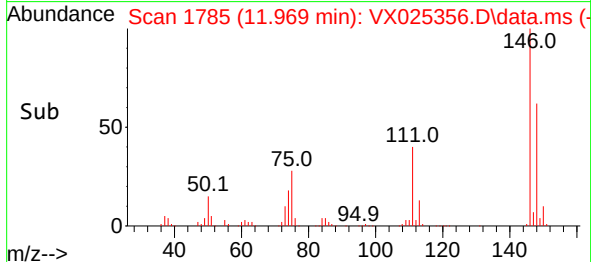
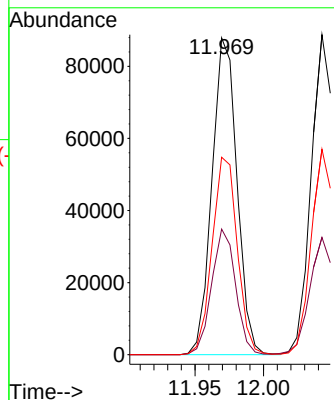
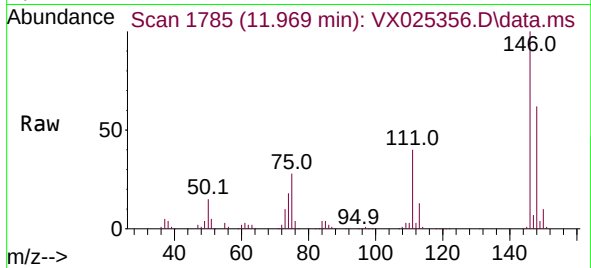




#64
1,3-Dichlorobenzene
Concen: 49.770 ug/L
RT: 11.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

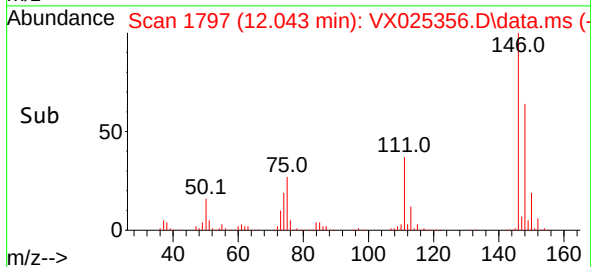
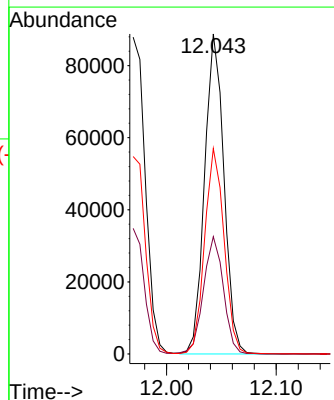
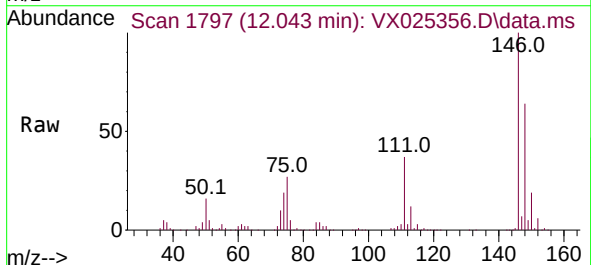
Instrument :
MSVOA_X
ClientSampleId :

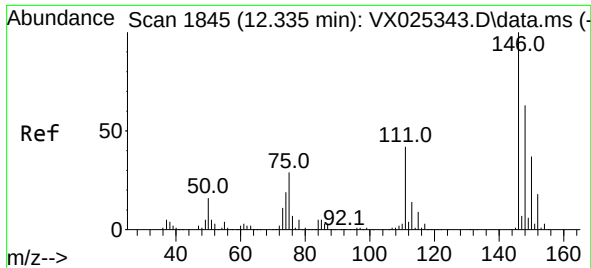
Tgt Ion:146 Resp: 111378
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.2
148 62.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 48.178 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

Tgt Ion:146 Resp: 108906
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 64.2 45.5 84.5

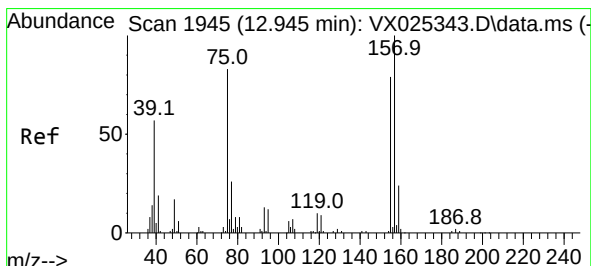
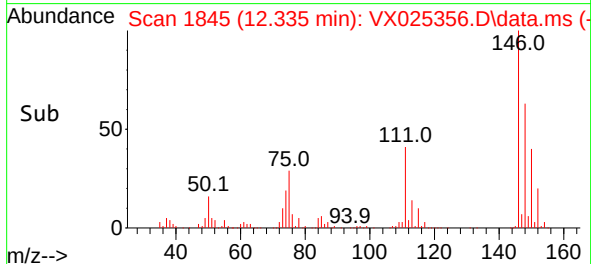
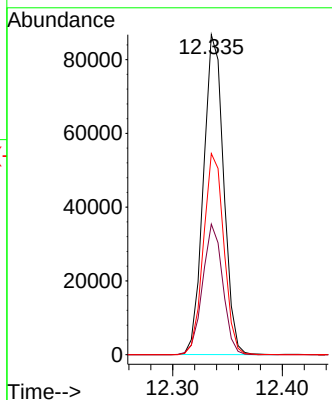
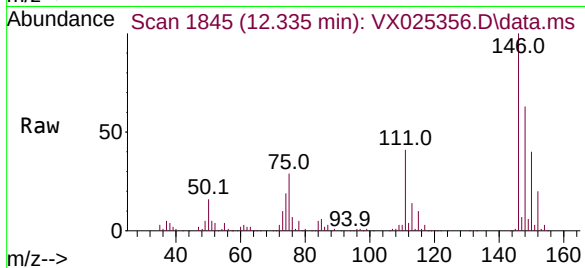




#67
1,2-Dichlorobenzene
Concen: 48.975 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

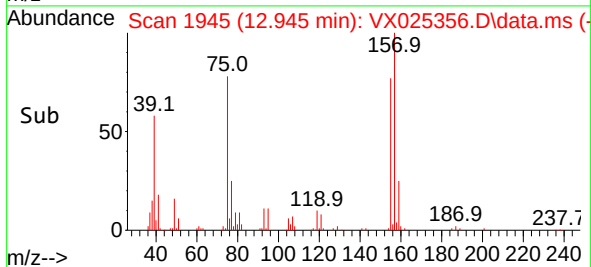
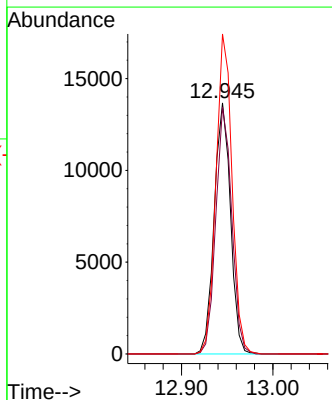
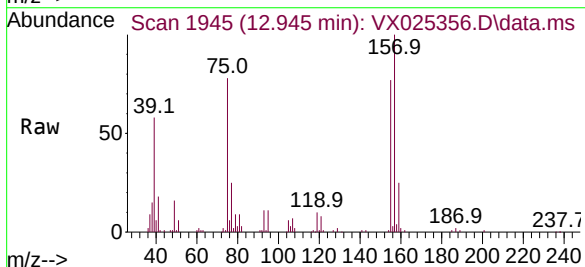
Instrument :
MSVOA_X
ClientSampleId :

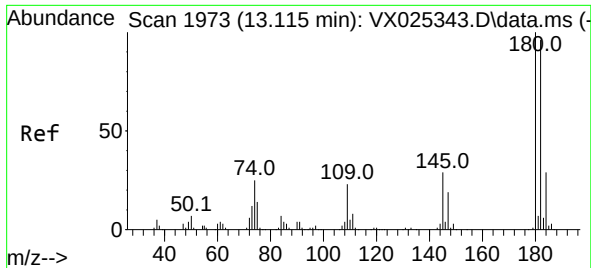
Tgt Ion:146 Resp: 110824
Ion Ratio Lower Upper
146 100
111 40.8 32.3 48.5
148 62.9 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 46.880 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025356.D
Acq: 26 Nov 2021 15:20

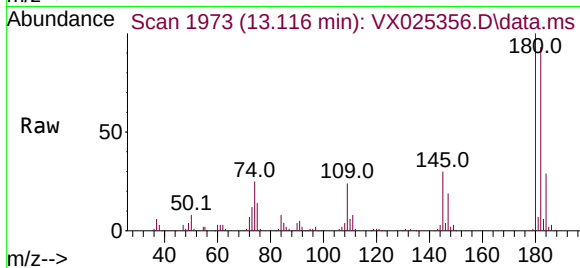
Tgt Ion: 75 Resp: 16902
Ion Ratio Lower Upper
75 100
155 98.4 79.4 119.2
157 127.5 100.4 150.6



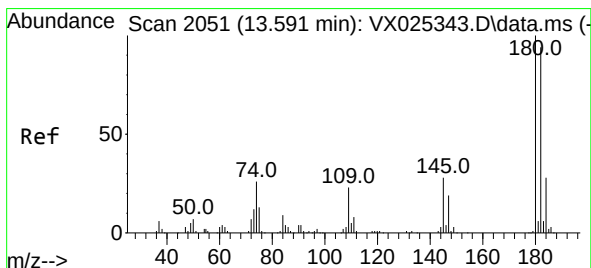
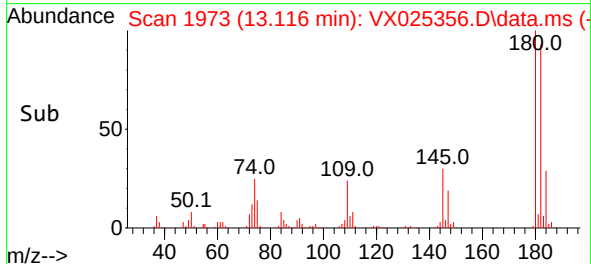
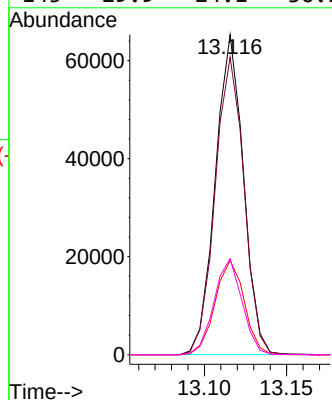


#69
 1,3,5-Trichlorobenzene
 Concen: 47.733 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Instrument :
 MSVOA_X
 ClientSampleId :

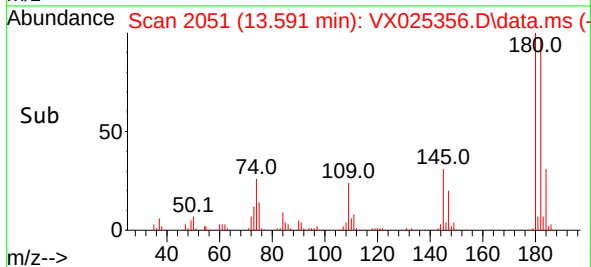
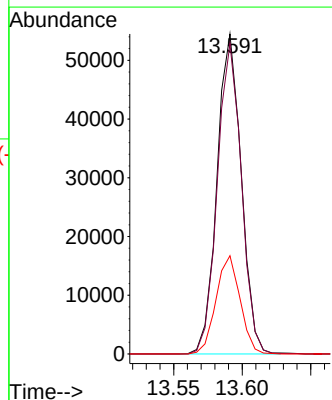
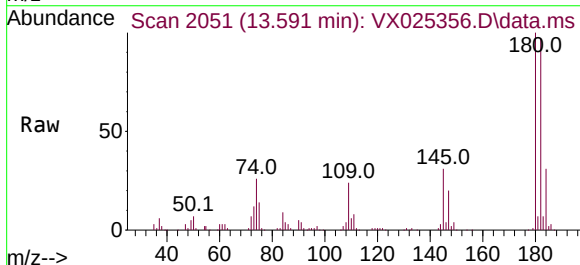


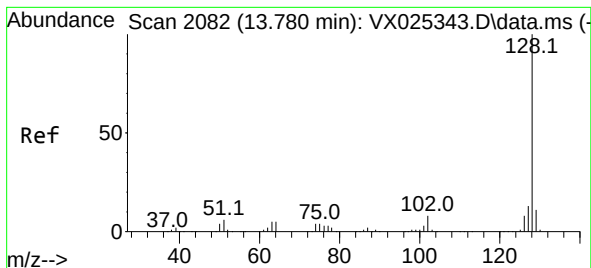
Tgt Ion:180 Resp: 77710
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.3 112.9
 184 30.5 24.6 37.0
 145 29.9 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 48.880 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX025356.D
 Acq: 26 Nov 2021 15:20

Tgt Ion:180 Resp: 66890
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.2 117.4
 145 30.4 24.7 37.1





#71

Naphthalene

Concen: 51.402 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Instrument :

MSVOA_X

ClientSampleId :

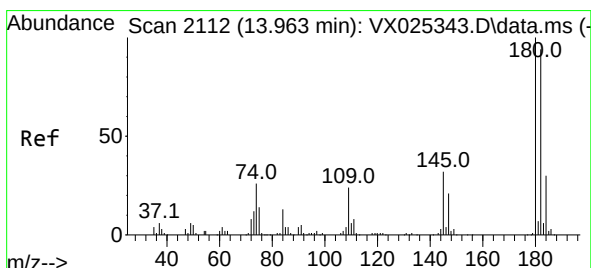
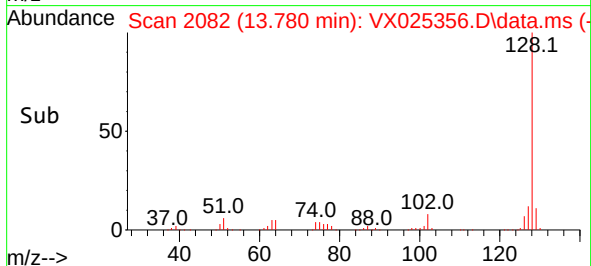
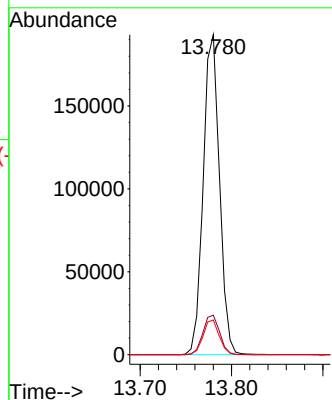
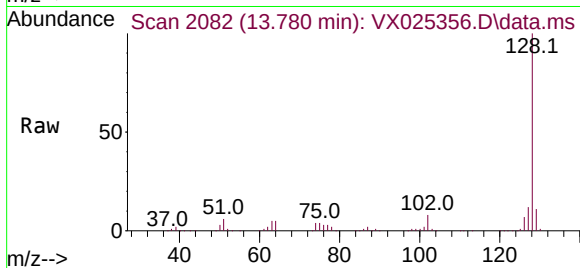
Tgt Ion:128 Resp: 238426

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.932 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX025356.D

Acq: 26 Nov 2021 15:20

Tgt Ion:180 Resp: 68597

Ion Ratio Lower Upper

180 100

182 96.3 75.2 112.8

145 32.2 25.8 38.6

