

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025758.D
 Acq On : 11 Dec 2021 21:04
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050729

Quant Time: Dec 12 06:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	93632	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	91410	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28471	44.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.660	69	24771	46.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.940%
11) 1,1-Dichloroethene-d2	2.306	63	52773	51.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.600%
21) 2-Butanone-d5	4.465	46	47670	100.217	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.220%
24) Chloroform-d	5.068	84	58236	52.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.300%
26) 1,2-Dichloroethane-d4	5.958	65	37323	53.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.240%
32) Benzene-d6	5.983	84	110577	45.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	7.312	67	33820	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.180%
41) Toluene-d8	8.653	98	105043	45.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	8.952	79	16358	43.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	9.391	63	35268	90.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.330%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	52274	49.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	40979	46.587	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28064	51.076	ug/L	100
3) Chloromethane	1.294	50	27537	48.556	ug/L	97
5) Vinyl chloride	1.374	62	31799	48.030	ug/L	98
6) Bromomethane	1.599	94	21164	61.105	ug/L	98
8) Chloroethane	1.685	64	21599	48.972	ug/L	95
9) Trichlorofluoromethane	1.886	101	55223	53.451	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	28869	53.208	ug/L	95
12) 1,1-Dichloroethene	2.319	96	25728	51.170	ug/L	89
13) Acetone	2.386	43	31988	81.785	ug/L	98
14) Carbon disulfide	2.514	76	60166	48.667	ug/L	100
15) Methyl Acetate	2.709	43	34560	54.674	ug/L #	90
16) Methylene chloride	2.794	84	30425	52.319	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	27557	50.908	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	96669	52.543	ug/L	98
19) 1,1-Dichloroethane	3.611	63	52721	54.385	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	33062	51.831	ug/L	97
22) 2-Butanone	4.562	43	51072	98.735	ug/L	99
23) Bromochloromethane	4.910	128	17327	51.415	ug/L	99
25) Chloroform	5.099	83	59991	56.866	ug/L	100

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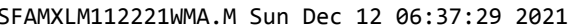
Instrument :
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 ClientSampleId :
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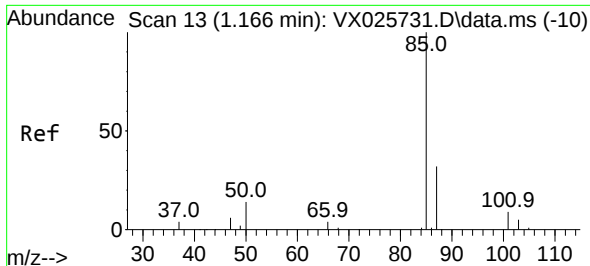
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	45769	59.649	ug/L	96
29) Cyclohexane	5.477	56	41977	44.824	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	52356	51.885	ug/L	98
31) Carbon tetrachloride	5.684	117	46908	52.056	ug/L	99
33) Benzene	6.044	78	118798	48.648	ug/L	100
34) Trichloroethene	7.129	95	31695	49.346	ug/L	96
35) Methylcyclohexane	7.385	83	43189	42.722	ug/L	99
37) 1,2-Dichloropropane	7.434	63	30005	48.987	ug/L	100
38) Bromodichloromethane	7.824	83	46538	54.559	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	47500	47.613	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	101238	103.508	ug/L	99
42) Toluene	8.720	91	132148	49.069	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	46136	48.116	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	33137	50.980	ug/L	97
46) Tetrachloroethene	9.275	164	23640	43.399	ug/L	96
48) 2-Hexanone	9.433	43	80917	103.007	ug/L	97
49) Dibromochloromethane	9.525	129	39934	53.304	ug/L	97
50) 1,2-Dibromoethane	9.610	107	34873	50.338	ug/L	98
51) Chlorobenzene	10.079	112	88421	49.774	ug/L	97
52) Ethylbenzene	10.195	91	146711	50.689	ug/L	97
53) m,p-Xylene	10.305	106	56815	48.460	ug/L	97
54) o-Xylene	10.646	106	57159	48.705	ug/L	94
55) Styrene	10.659	104	98561	50.542	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	53642	53.444	ug/L	97
59) Bromoform	10.805	173	29750	53.762	ug/L	98
60) Isopropylbenzene	10.963	105	149794	51.971	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	43502	56.703	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	125638	52.117	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	125243	51.419	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	67026	50.644	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	66894	50.039	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	69449	51.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	12510	58.672	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	43841	45.535	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	36790	45.459	ug/L	99
71) Naphthalene	13.780	128	142251	51.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	39795	48.000	ug/L	99

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

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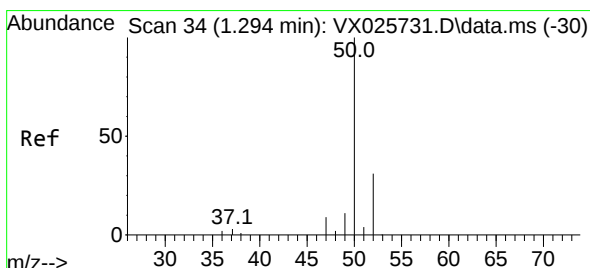
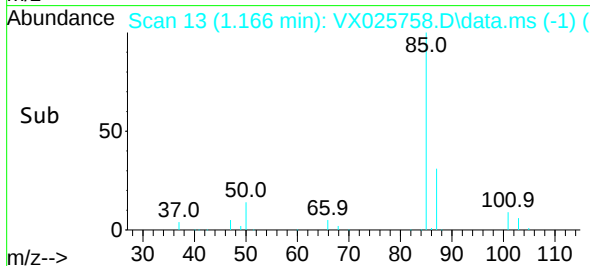
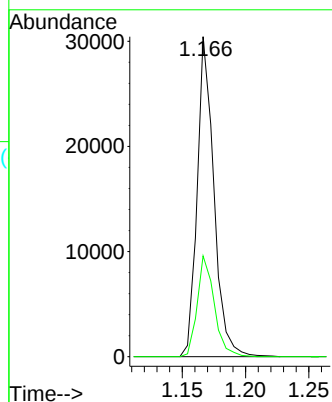
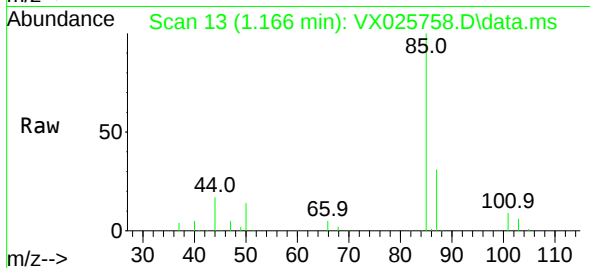




#2
Dichlorodifluoromethane
Concen: 51.076 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

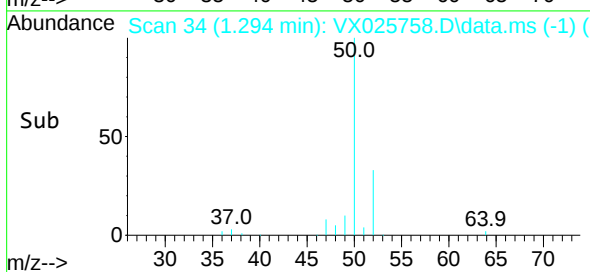
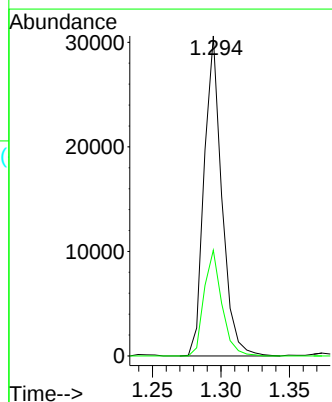
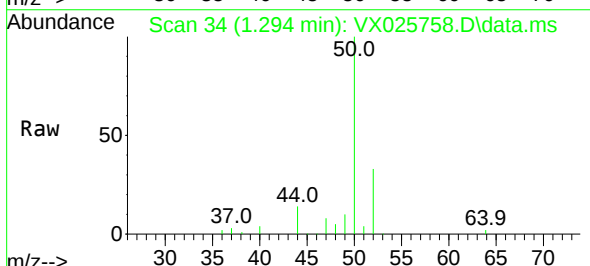
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

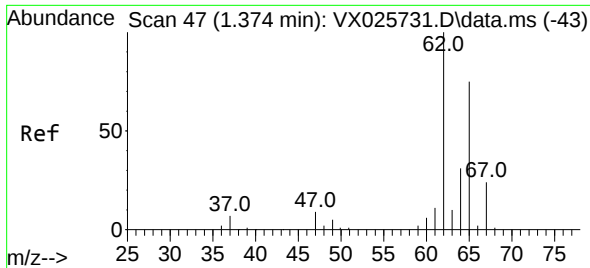
Tgt Ion: 85 Resp: 28064
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 48.556 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 50 Resp: 27537
Ion Ratio Lower Upper
50 100
52 33.0 22.0 40.8

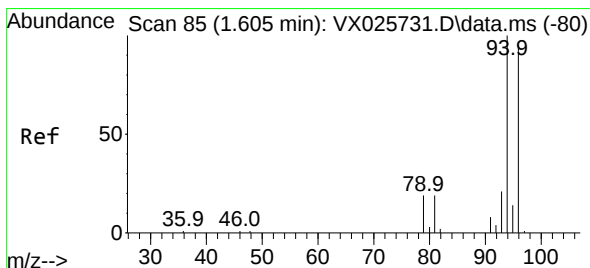
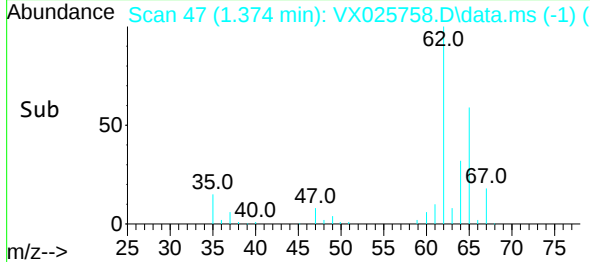
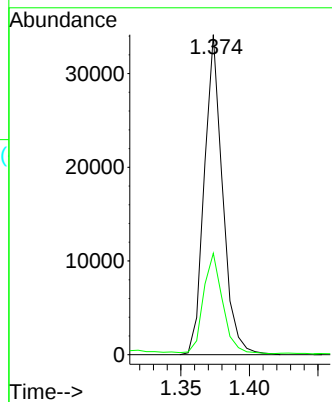
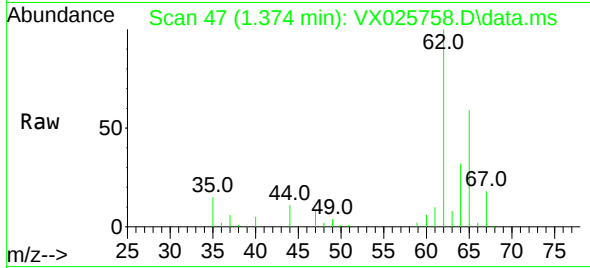




#5
 Vinyl chloride
 Concen: 48.030 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025758.D
 Acq: 11 Dec 2021 21:04

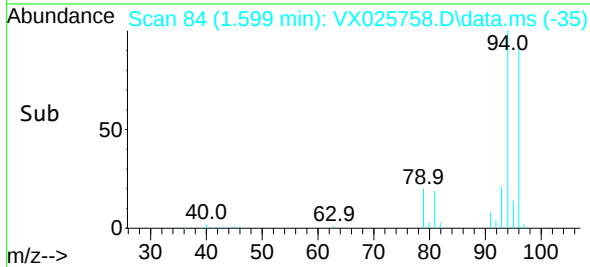
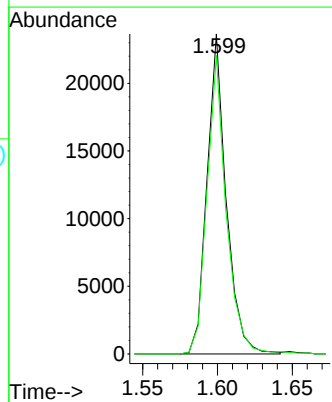
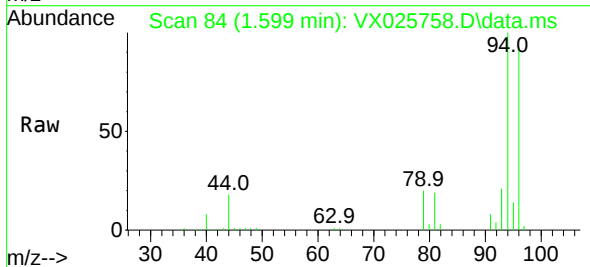
Instrument :
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 ClientSampleId :
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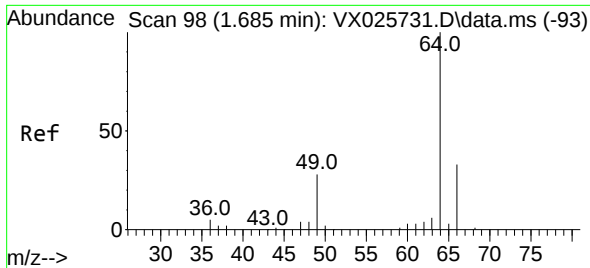
Tgt Ion: 62 Resp: 31799
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.9 42.5



#6
 Bromomethane
 Concen: 61.105 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX025758.D
 Acq: 11 Dec 2021 21:04

Tgt Ion: 94 Resp: 21164
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.7 123.9

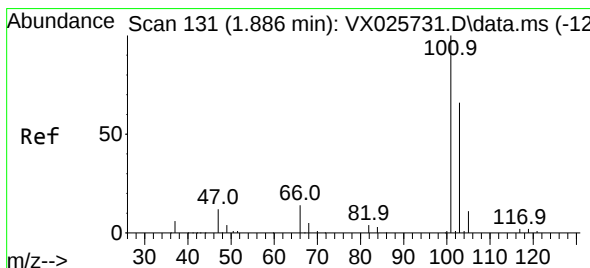
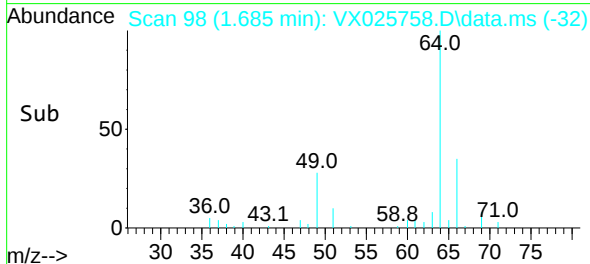
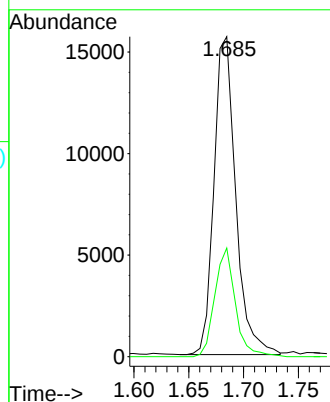
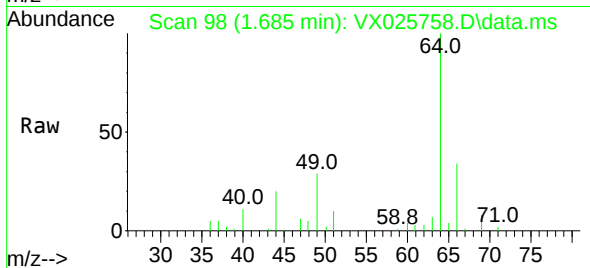




#8
Chloroethane
Concen: 48.972 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

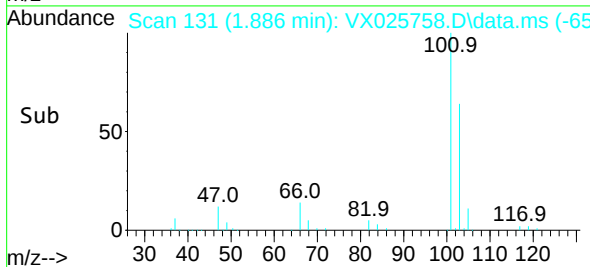
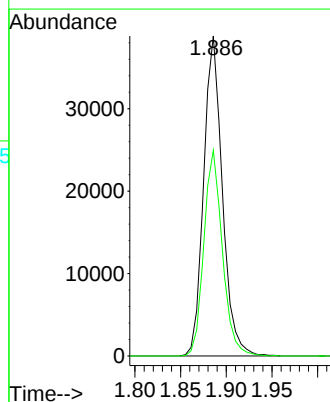
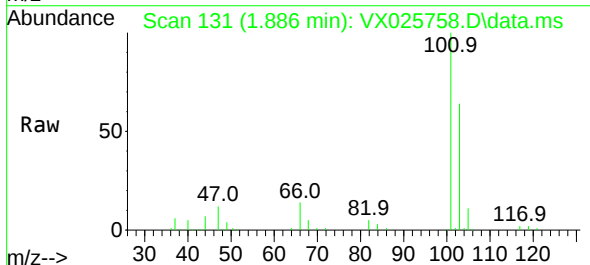
Instrument :
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ClientSampleId :
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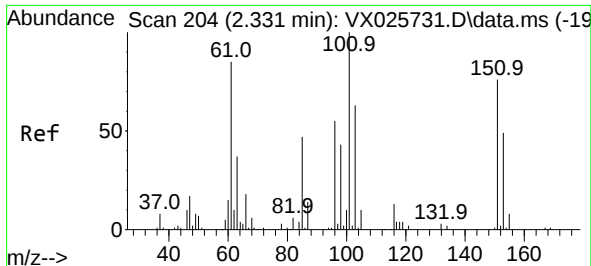
Tgt Ion: 64 Resp: 21599
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 53.451 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 101 Resp: 55223
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2

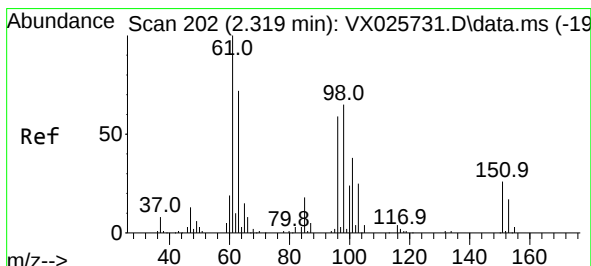
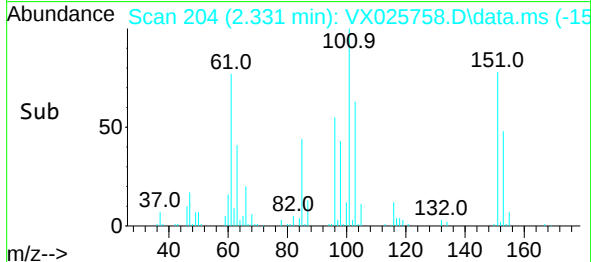
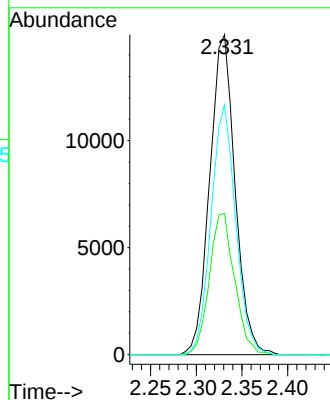
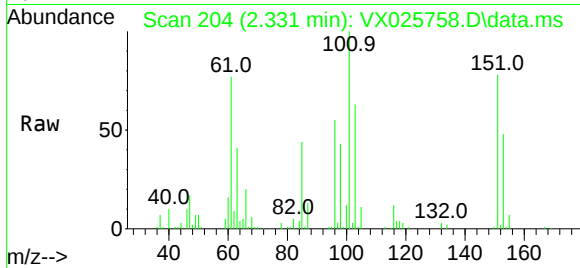




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.208 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025758.D
 Acq: 11 Dec 2021 21:04

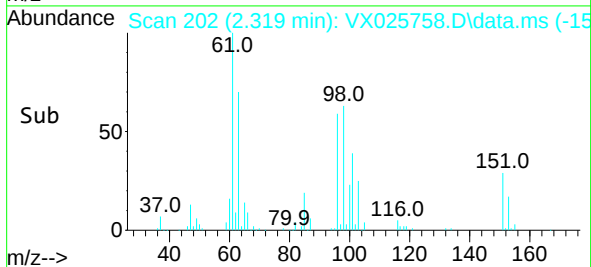
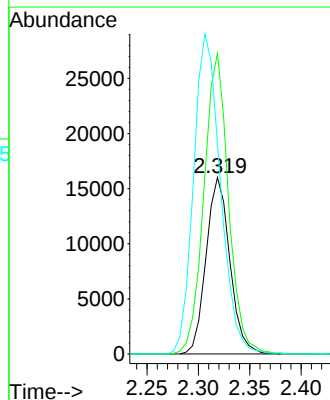
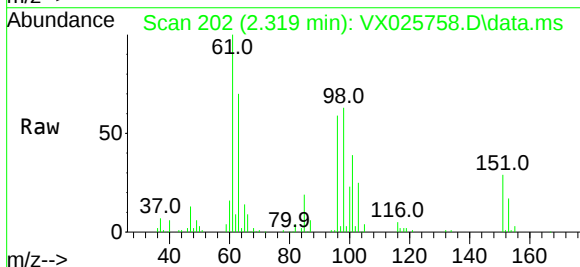
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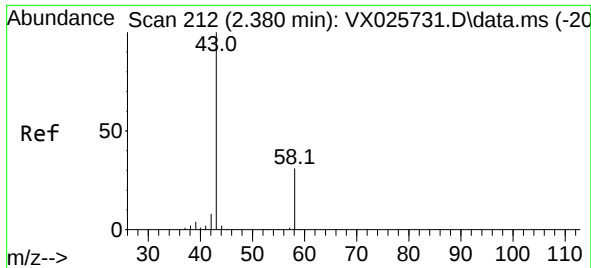
Tgt Ion:101 Resp: 28869
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.3 51.5
 151 75.8 65.2 97.8



#12
 1,1-Dichloroethene
 Concen: 51.170 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025758.D
 Acq: 11 Dec 2021 21:04

Tgt Ion: 96 Resp: 25728
 Ion Ratio Lower Upper
 96 100
 61 170.3 108.7 201.9
 63 119.3 76.3 141.7





#13

Acetone

Concen: 81.785 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

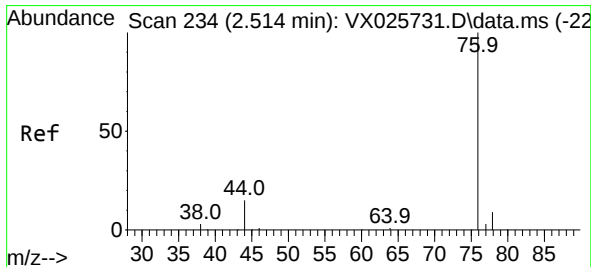
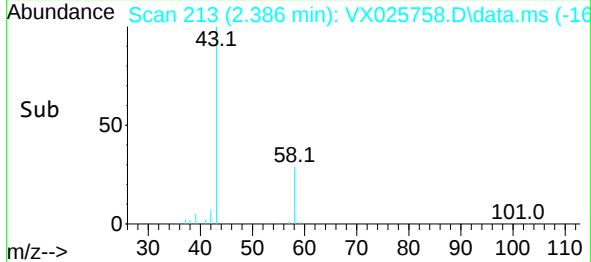
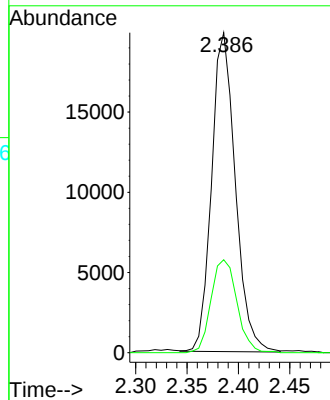
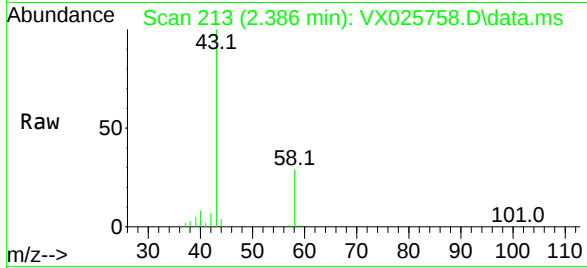
VSTD050729

Tgt Ion: 43 Resp: 31988

Ion Ratio Lower Upper

43 100

58 31.6 0.0 65.6



#14

Carbon disulfide

Concen: 48.667 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025758.D

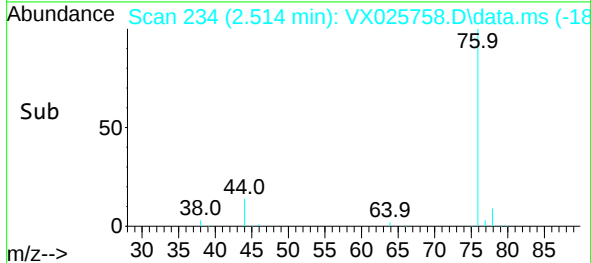
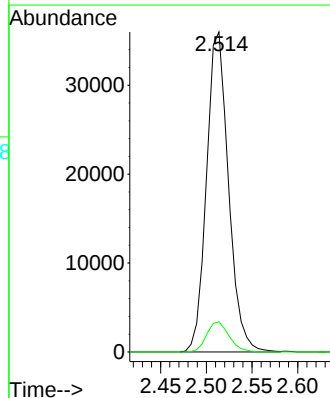
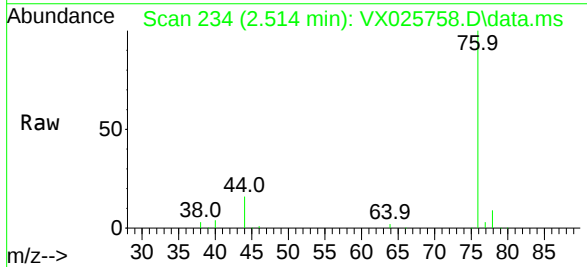
Acq: 11 Dec 2021 21:04

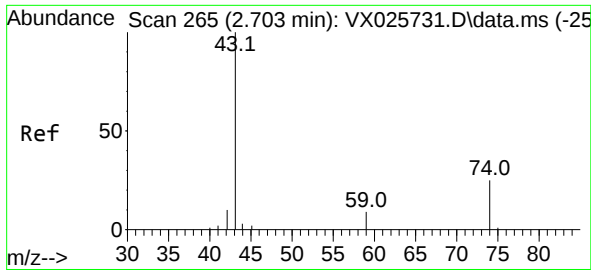
Tgt Ion: 76 Resp: 60166

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 54.674 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

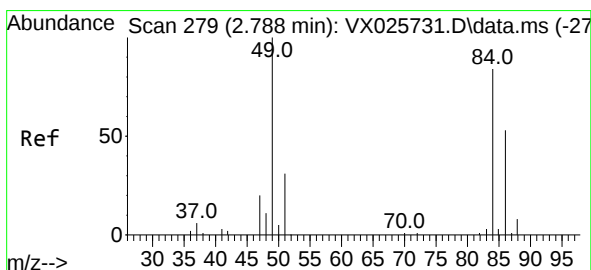
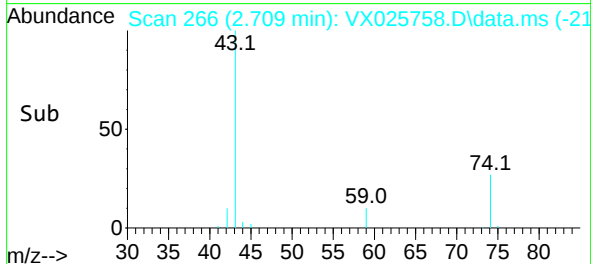
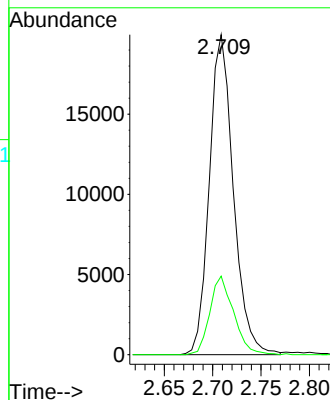
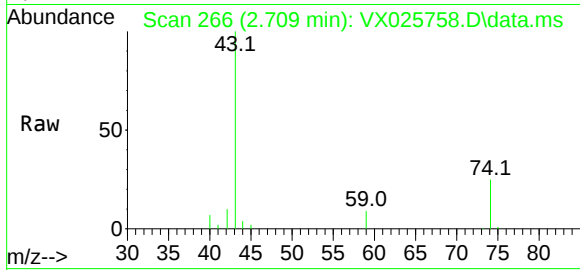
VSTD050729

Tgt Ion: 43 Resp: 34560

Ion Ratio Lower Upper

43 100

74 24.2 0.1 0.1#



#16

Methylene chloride

Concen: 52.319 ug/L

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

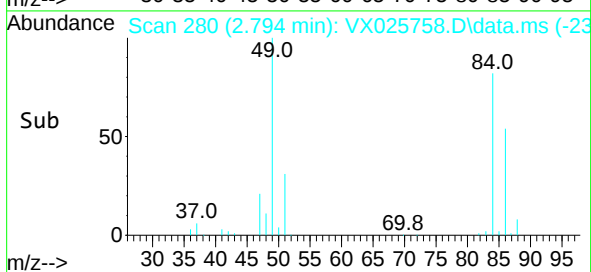
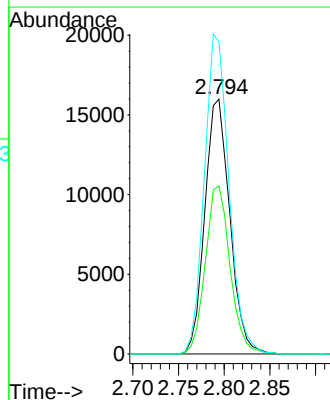
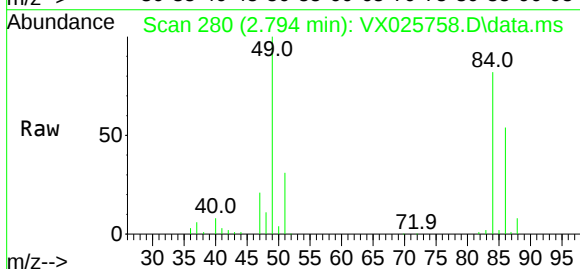
Tgt Ion: 84 Resp: 30425

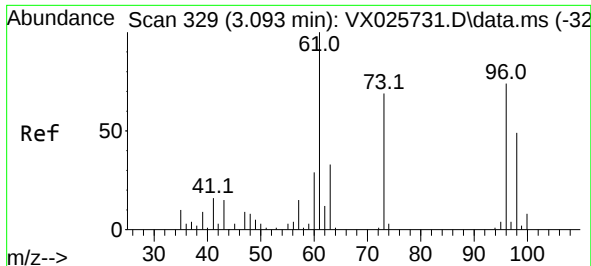
Ion Ratio Lower Upper

84 100

86 66.0 45.1 83.9

49 122.5 82.3 152.8

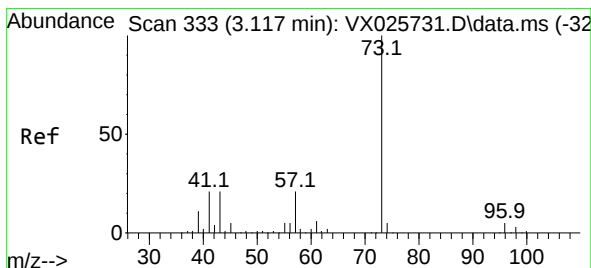
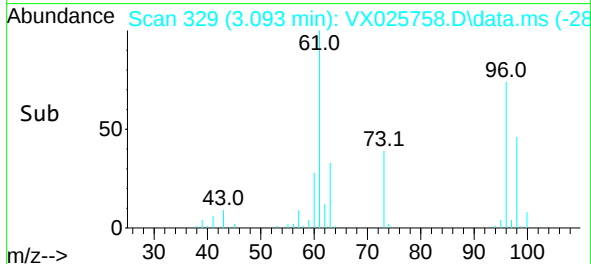
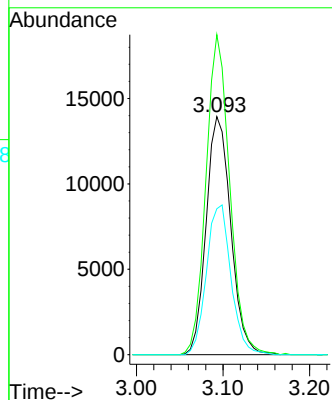
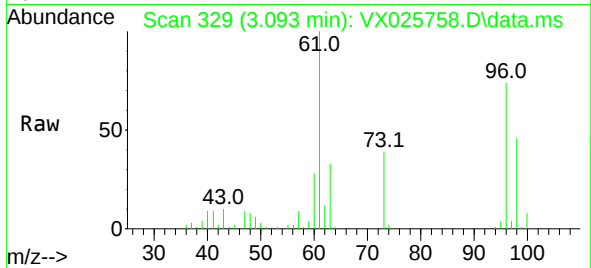




#17
trans-1,2-Dichloroethene
Concen: 50.908 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

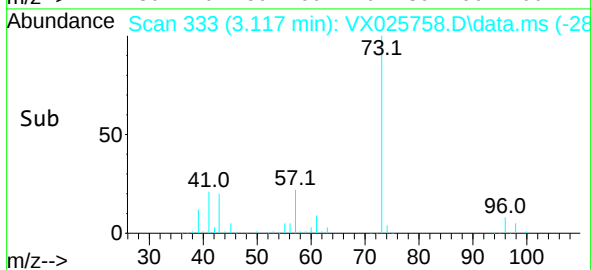
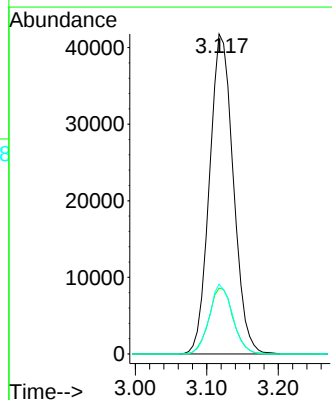
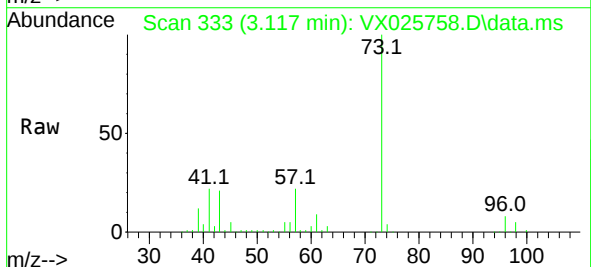
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

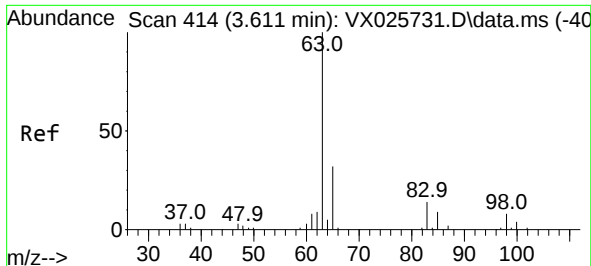
Tgt Ion: 96 Resp: 27557
Ion Ratio Lower Upper
96 100
61 134.4 88.5 164.4
98 61.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 52.543 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 73 Resp: 96669
Ion Ratio Lower Upper
73 100
43 21.0 15.7 23.5
57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 54.385 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTD050729

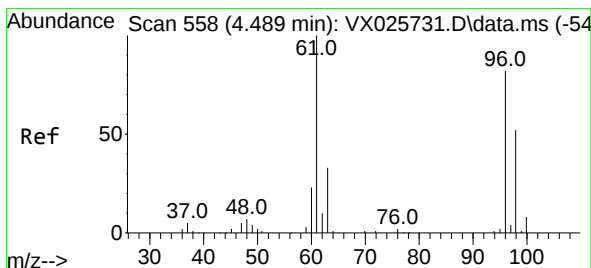
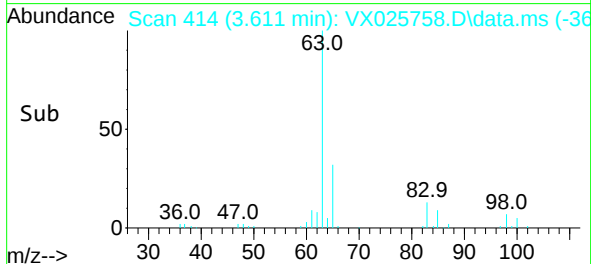
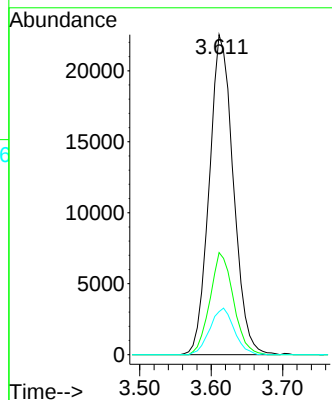
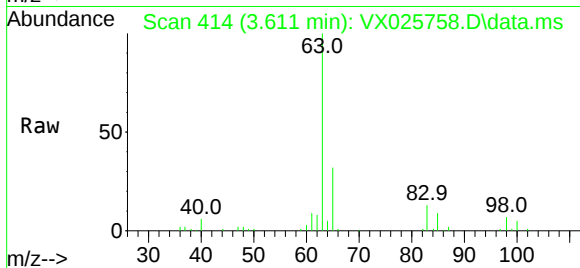
Tgt Ion: 63 Resp: 52721

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 13.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 51.831 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

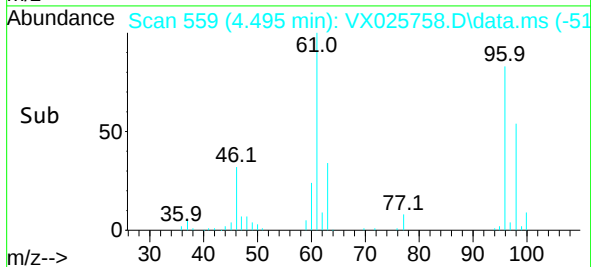
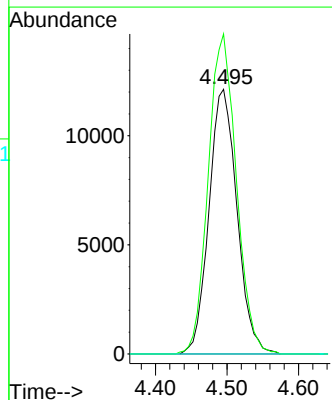
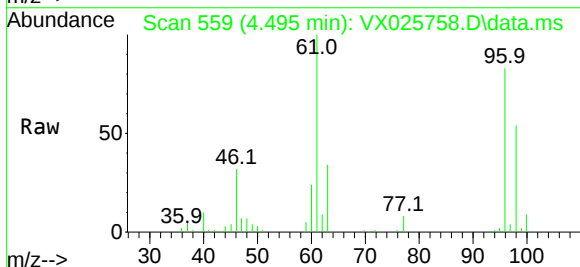
Tgt Ion: 96 Resp: 33062

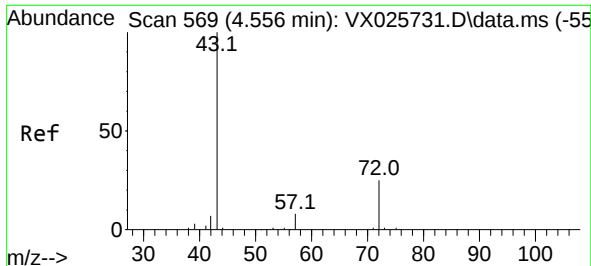
Ion Ratio Lower Upper

96 100

61 120.9 82.3 152.8

68 0.0 0.0 0.0

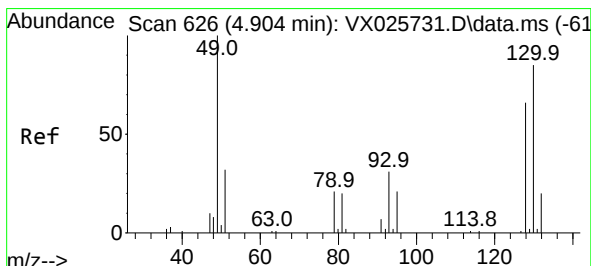
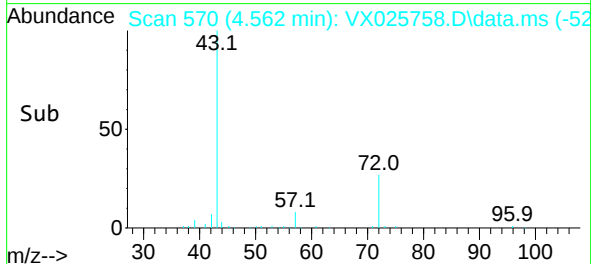
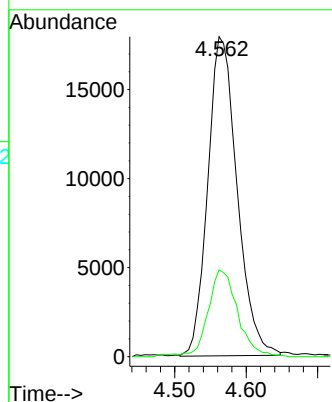
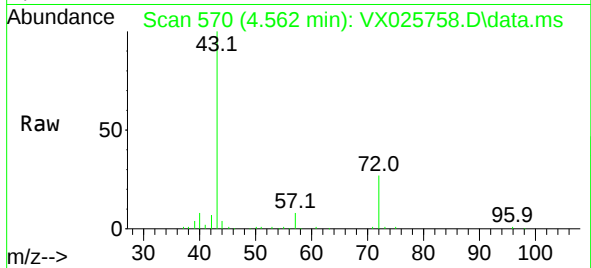




#22
2-Butanone
Concen: 98.735 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

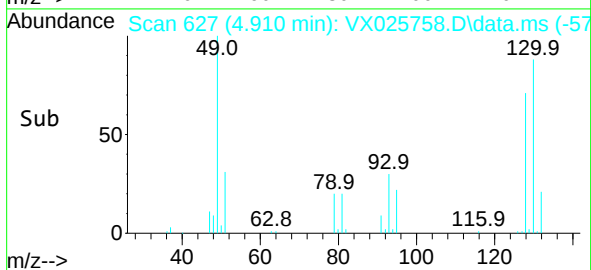
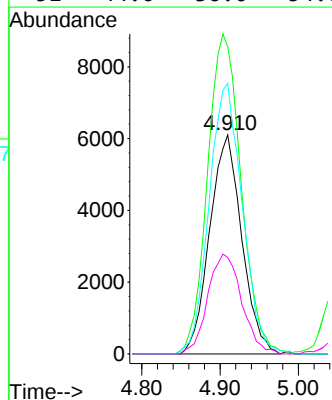
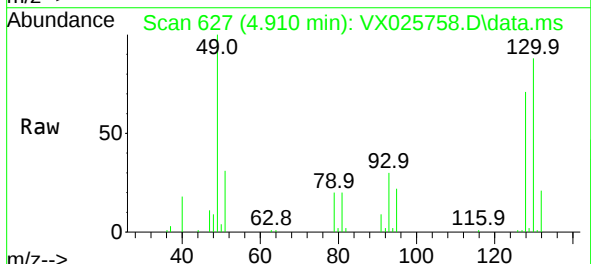
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

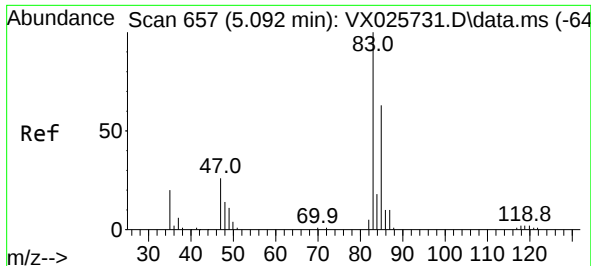
Tgt Ion: 43 Resp: 51072
Ion Ratio Lower Upper
43 100
72 27.1 13.8 41.3



#23
Bromochloromethane
Concen: 51.415 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 128 Resp: 17327
Ion Ratio Lower Upper
128 100
49 140.3 97.7 181.5
130 123.5 88.2 163.8
51 44.0 36.0 54.0

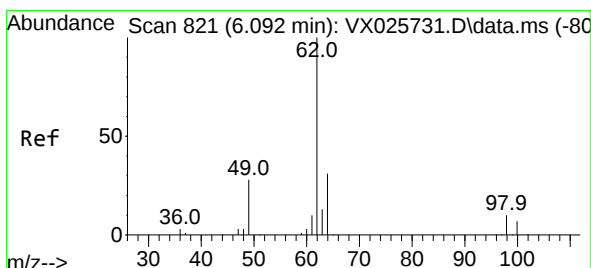
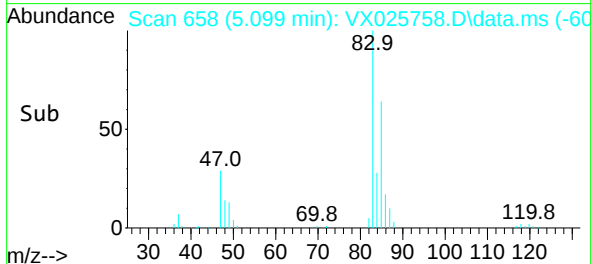
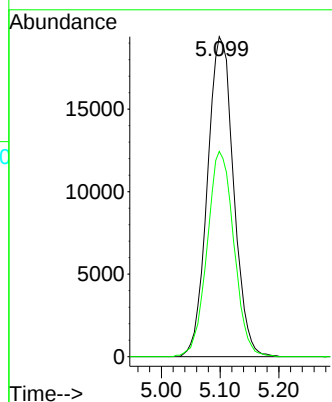
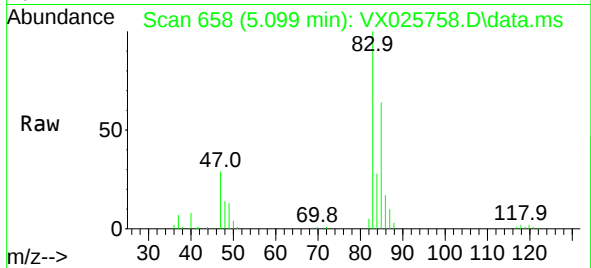




#25
Chloroform
Concen: 56.866 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

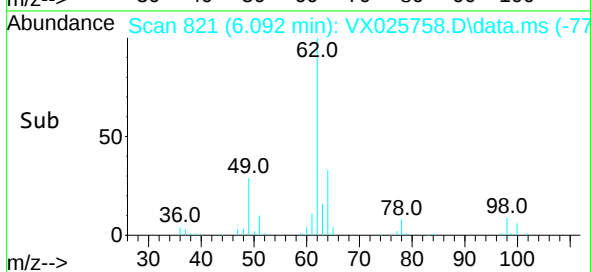
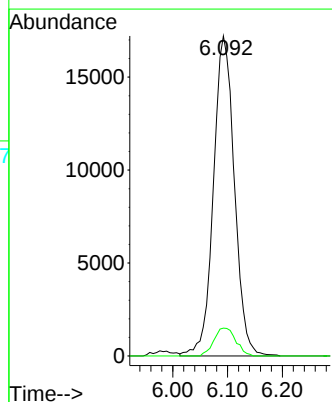
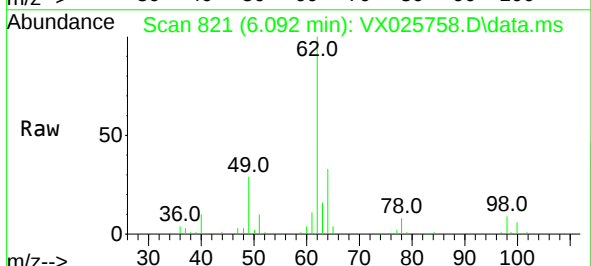
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

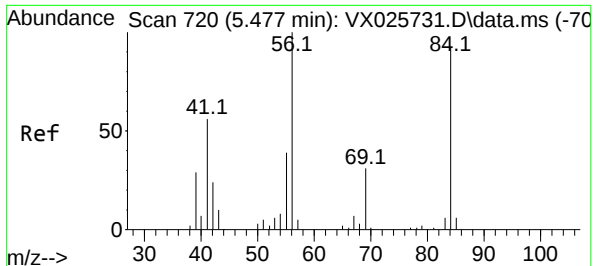
Tgt Ion: 83 Resp: 59991
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5



#27
1,2-Dichloroethane
Concen: 59.649 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 62 Resp: 45769
Ion Ratio Lower Upper
62 100
98 8.7 8.2 12.2

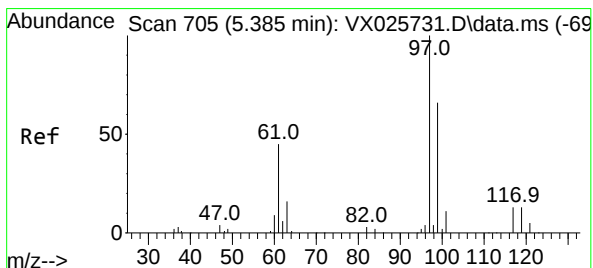
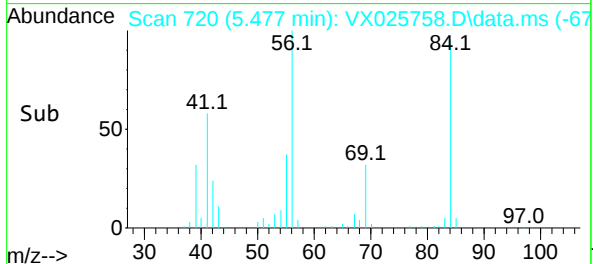
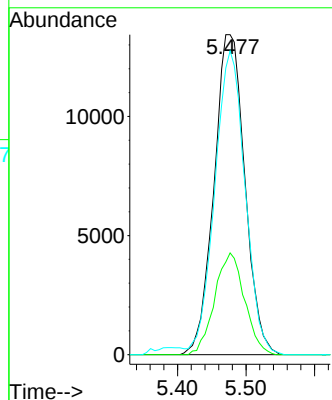
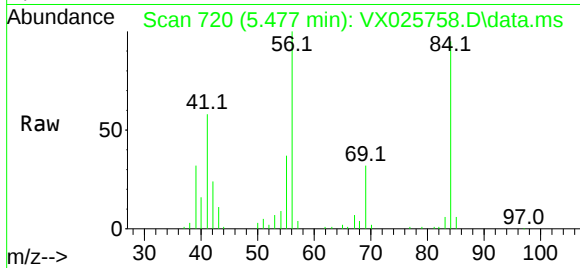




#29
Cyclohexane
Concen: 44.824 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

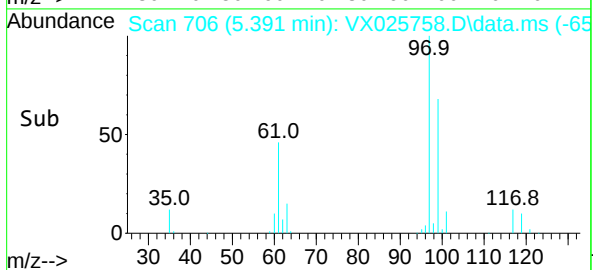
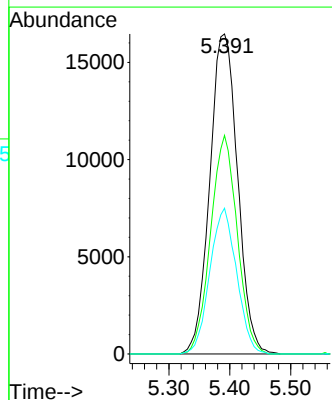
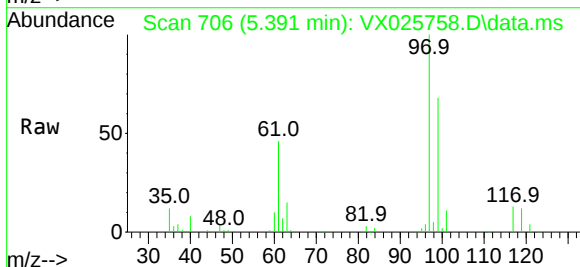
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

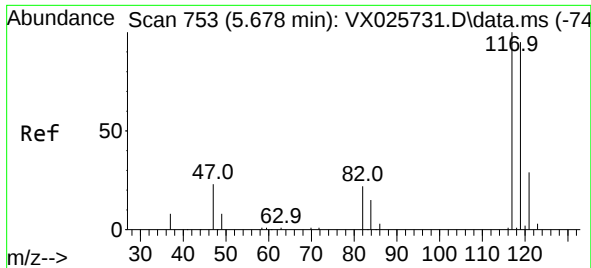
Tgt Ion:	56	Resp:	41977
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.4	38.2
84	93.4	76.6	114.8



#30
1,1,1-Trichloroethane
Concen: 51.885 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:	97	Resp:	52356
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	43.8	33.1	49.7

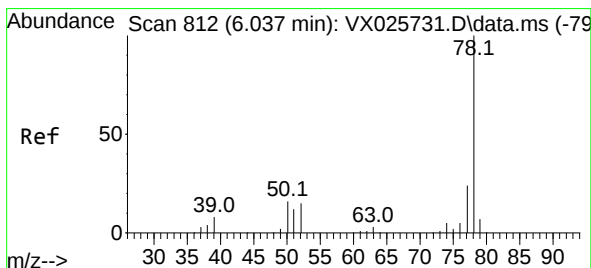
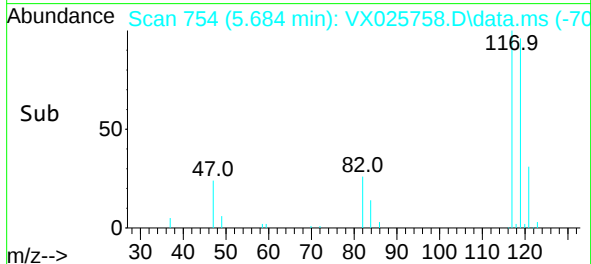
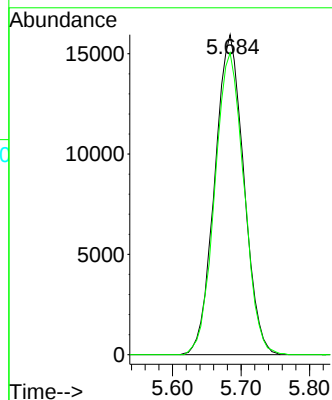
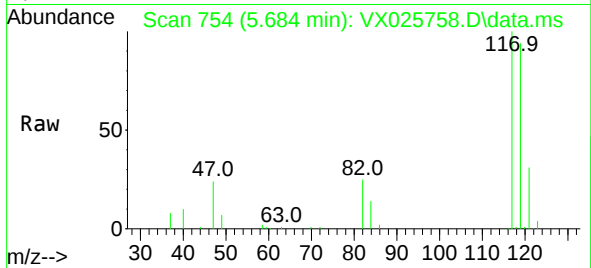




#31
Carbon tetrachloride
Concen: 52.056 ug/L
RT: 5.684 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

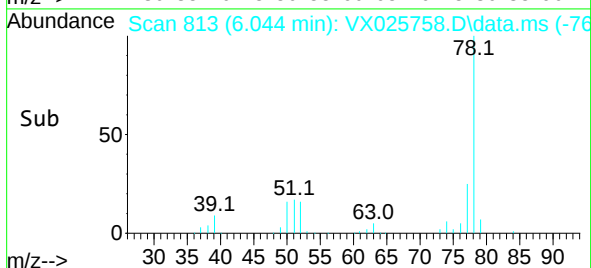
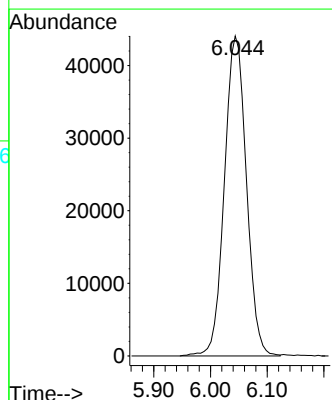
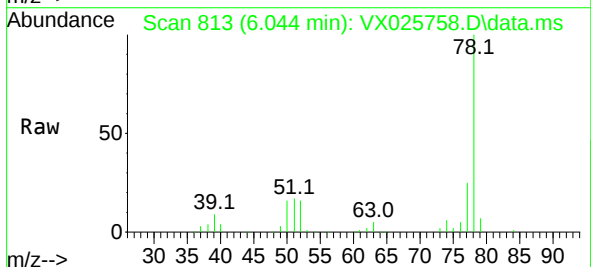
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

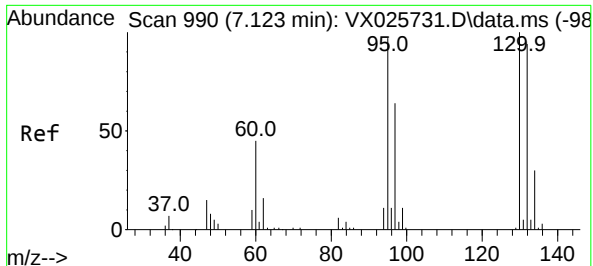
Tgt Ion:117 Resp: 46908
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2



#33
Benzene
Concen: 48.648 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 78 Resp: 118798



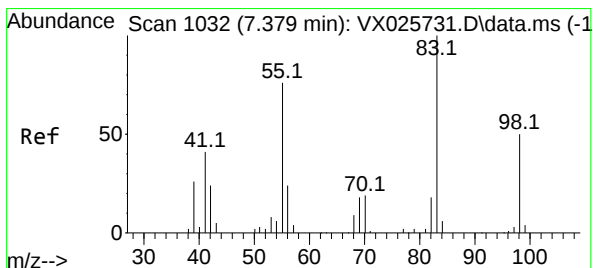
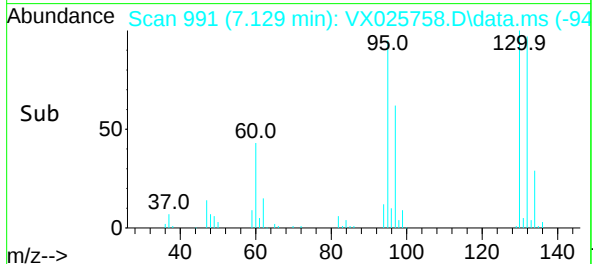
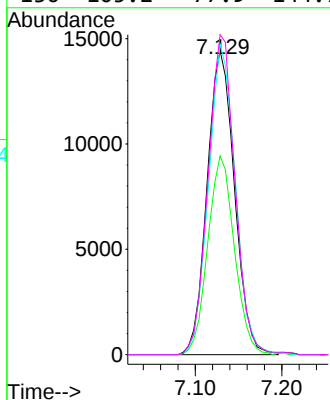
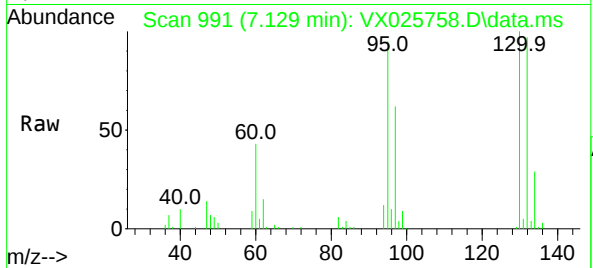


#34
Trichloroethene
Concen: 49.346 ug/L
RT: 7.129 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

Tgt Ion: 95 Resp: 31695

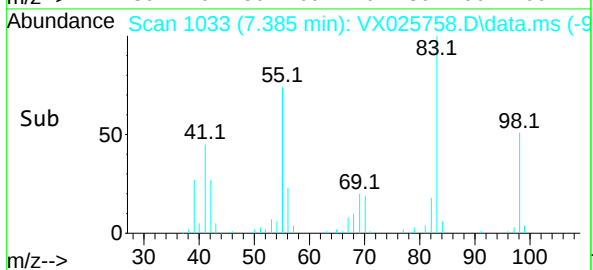
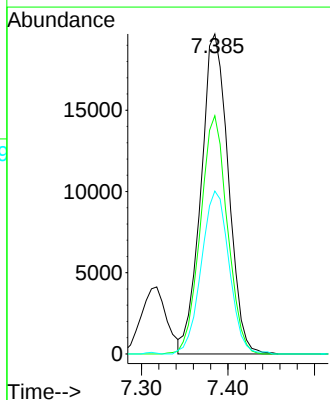
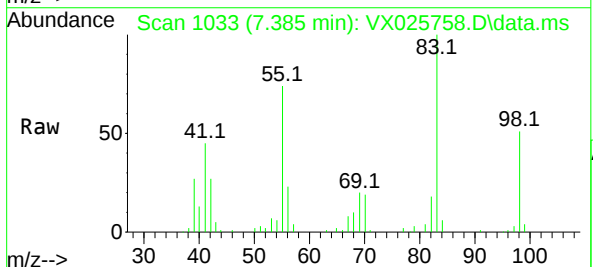
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.0	85.4
132	102.1	75.0	139.2
130	105.2	77.9	144.7

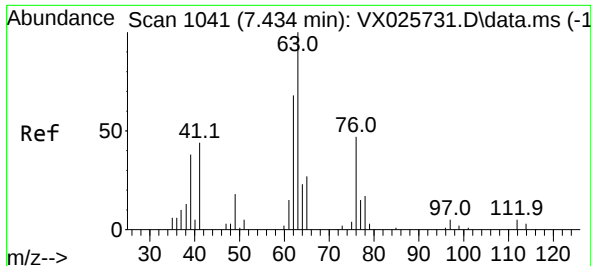


#35
Methylcyclohexane
Concen: 42.722 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 83 Resp: 43189

Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.3	85.9
98	51.6	41.1	61.7





#37

1,2-Dichloropropane

Concen: 48.987 ug/L

RT: 7.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

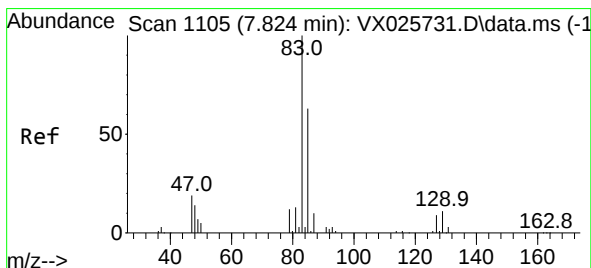
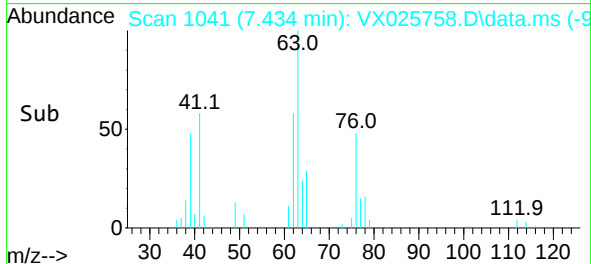
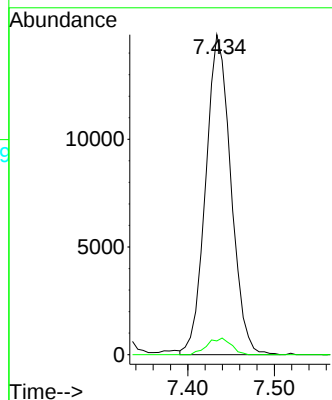
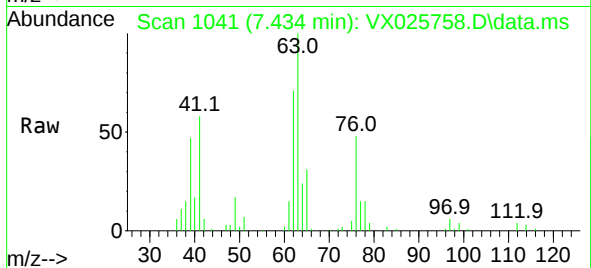
VSTD050729

Tgt Ion: 63 Resp: 30005

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 54.559 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

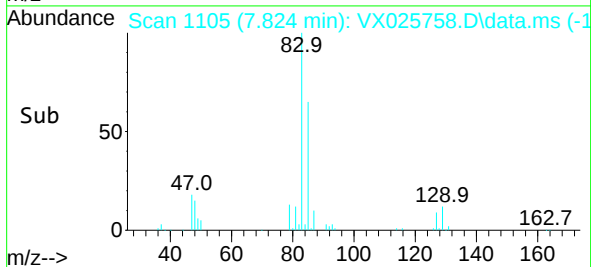
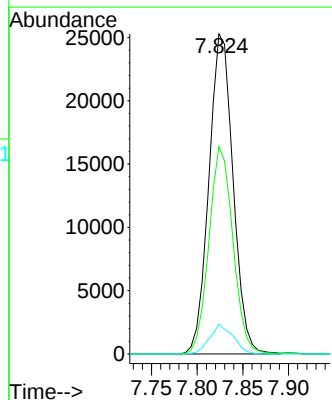
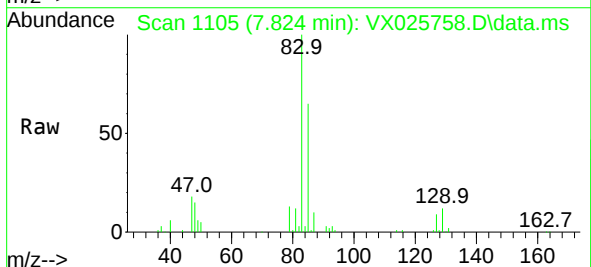
Tgt Ion: 83 Resp: 46538

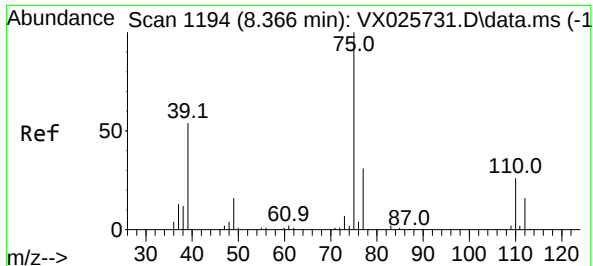
Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1

127 9.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 47.613 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

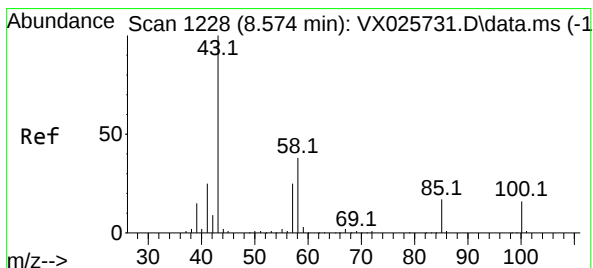
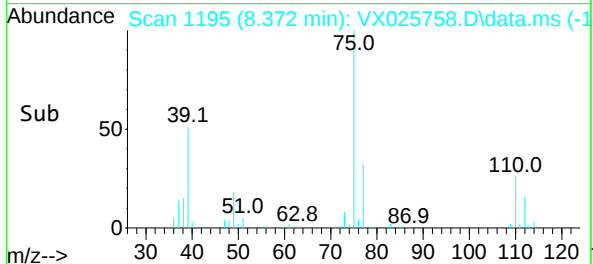
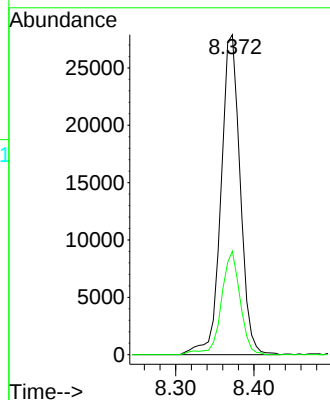
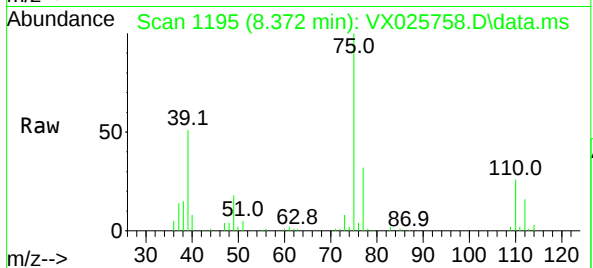
VSTD050729

Tgt Ion: 75 Resp: 47500

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 103.508 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

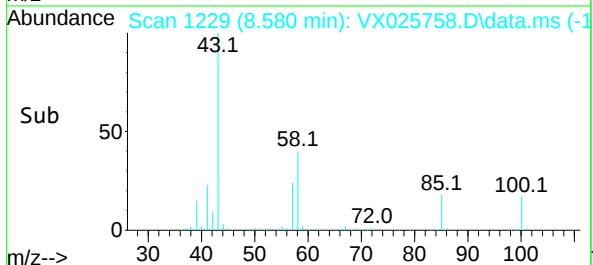
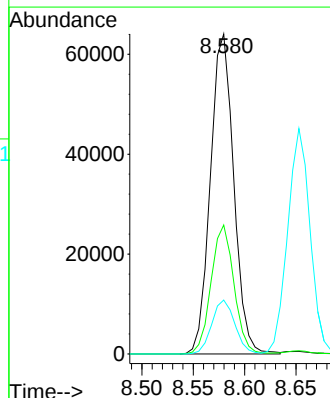
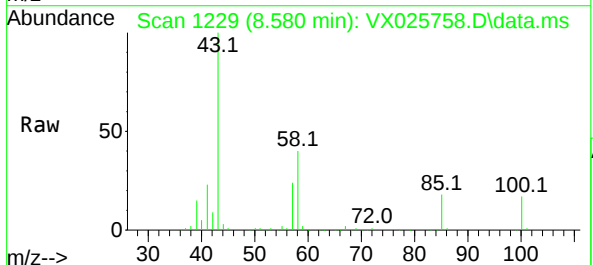
Tgt Ion: 43 Resp: 101238

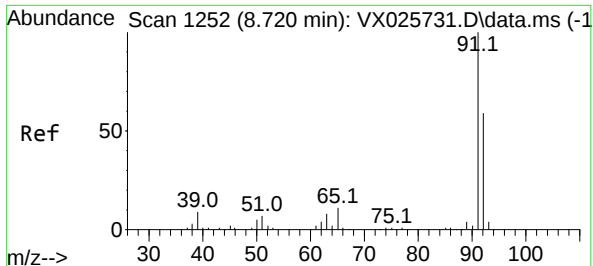
Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2

100 16.7 14.2 21.2





#42

Toluene

Concen: 49.069 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

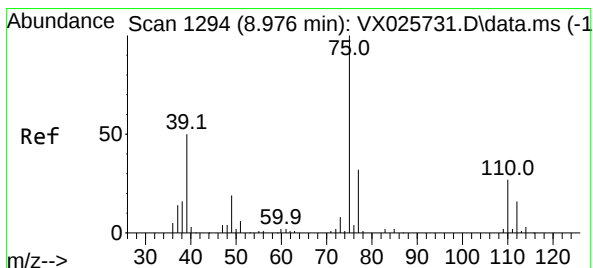
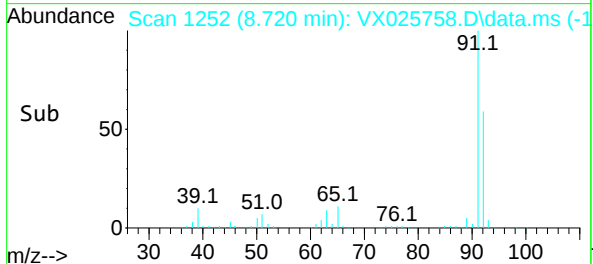
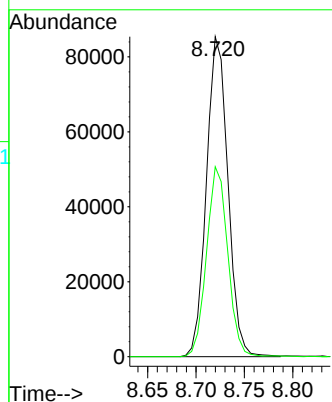
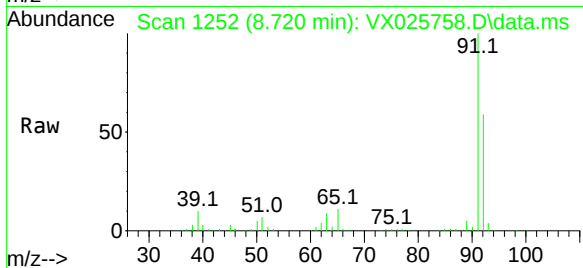
VSTD050729

Tgt Ion: 91 Resp: 132148

Ion Ratio Lower Upper

91 100

92 59.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 48.116 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX025758.D

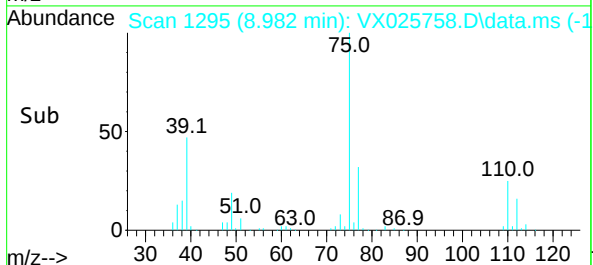
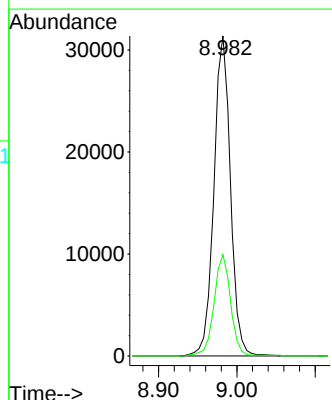
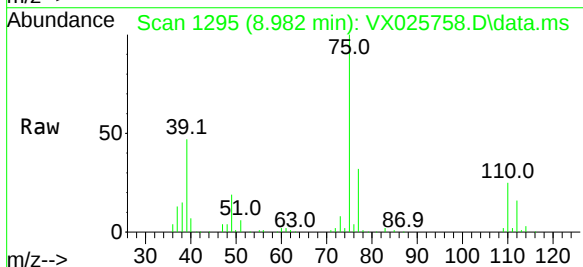
Acq: 11 Dec 2021 21:04

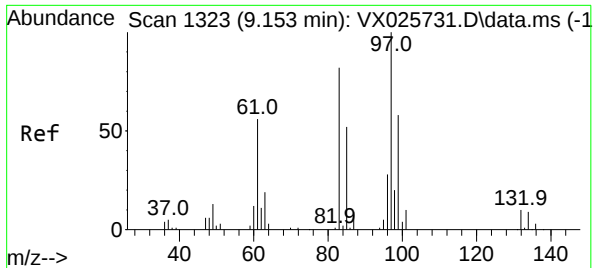
Tgt Ion: 75 Resp: 46136

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.8

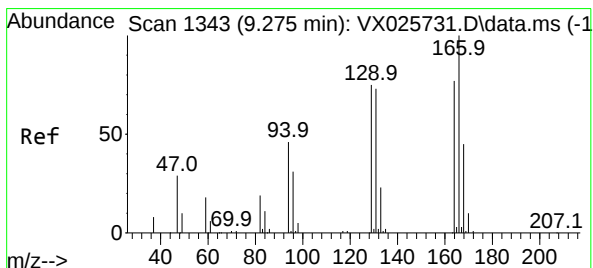
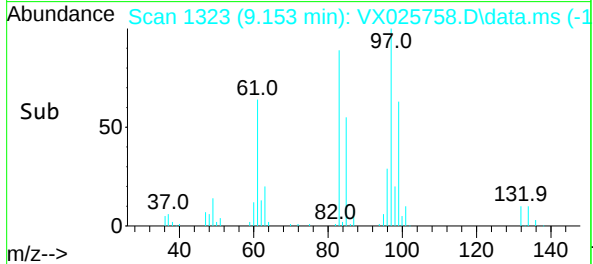
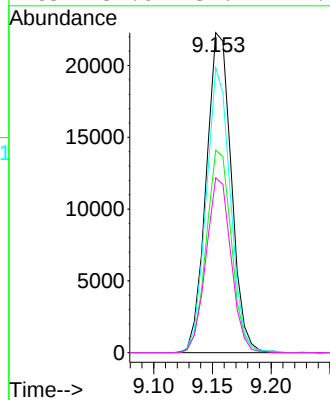
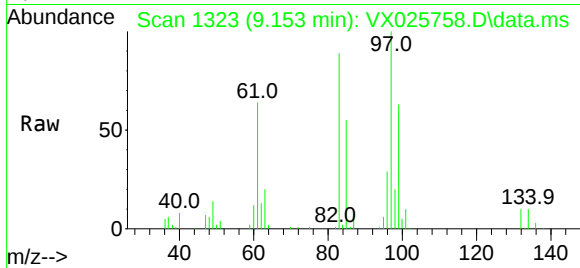




#45
1,1,2-Trichloroethane
Concen: 50.980 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

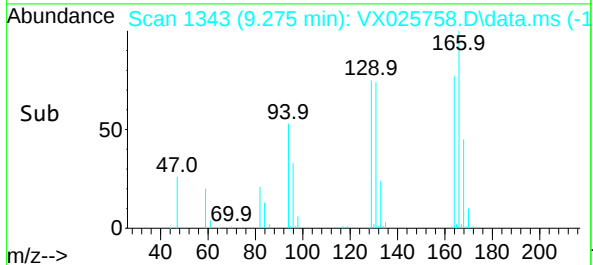
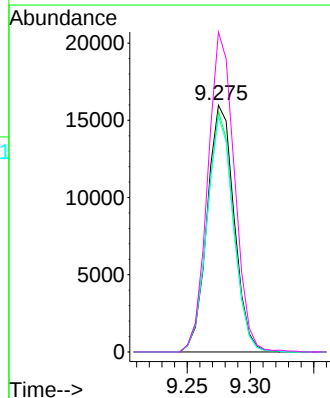
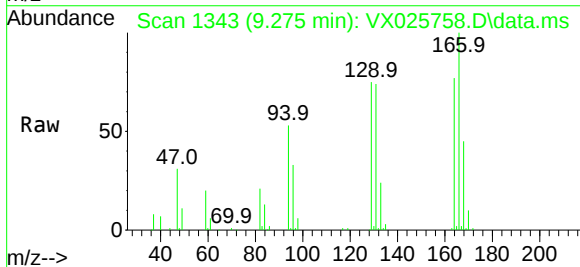
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

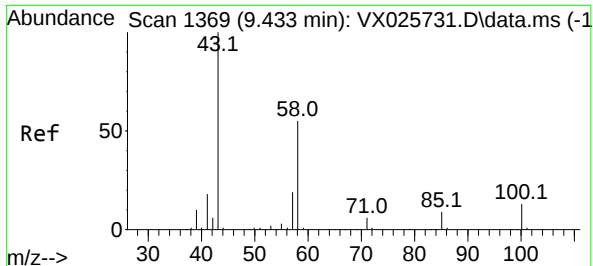
Tgt Ion: 97	Resp: 33137
Ion Ratio	Lower Upper
97 100	
99 63.3	46.0 85.4
83 89.1	59.6 110.8
85 54.6	39.1 72.7



#46
Tetrachloroethene
Concen: 43.399 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt	Ion:164	Resp:	23640
Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.7	120.1
131	95.7	63.2	117.4
166	129.7	90.1	167.3

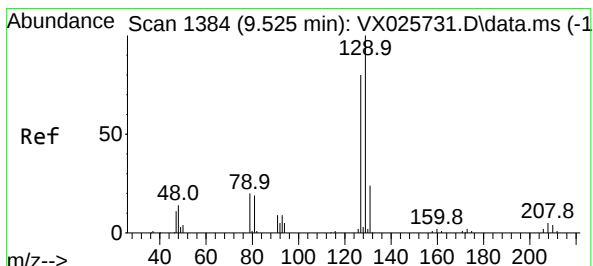
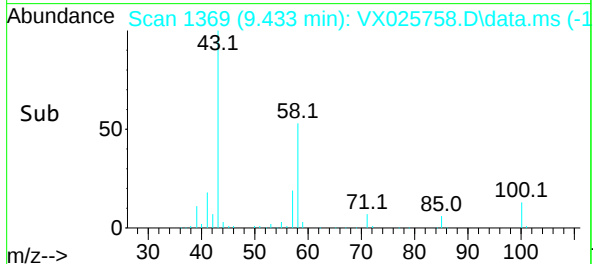
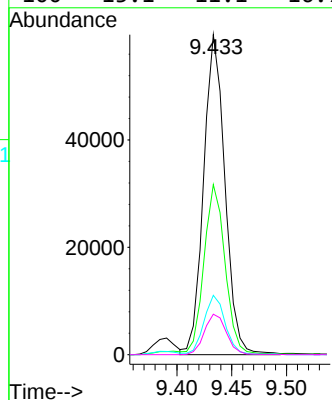
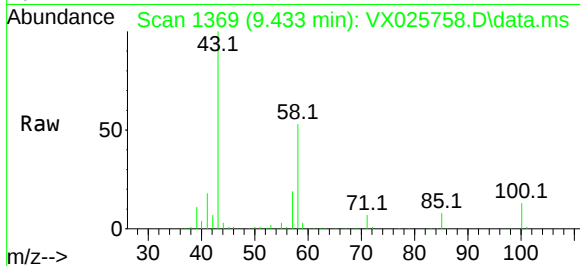




#48
2-Hexanone
Concen: 103.007 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

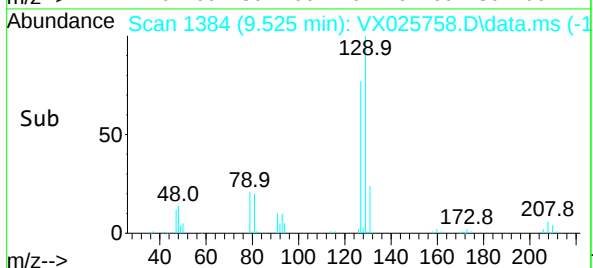
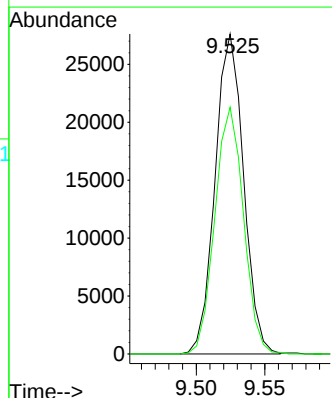
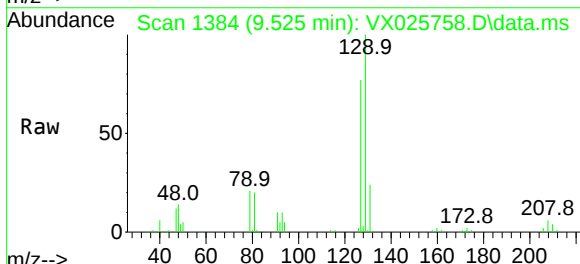
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

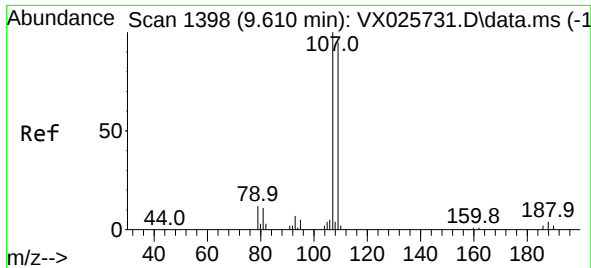
Tgt Ion: 43	Resp: 80917
Ion Ratio	Lower Upper
43 100	
58 53.0	44.2 66.4
57 18.4	15.1 22.7
100 13.1	11.1 16.7



#49
Dibromochloromethane
Concen: 53.304 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:129	Resp:	39934	
Ion	Ratio	Lower	Upper
129	100		
127	77.1	52.4	97.2

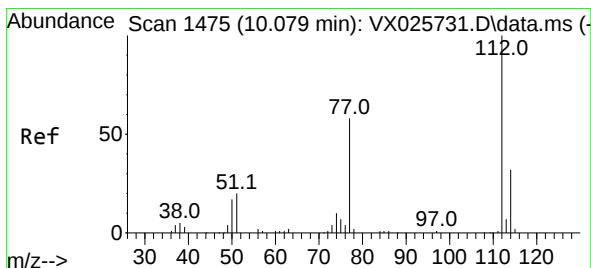
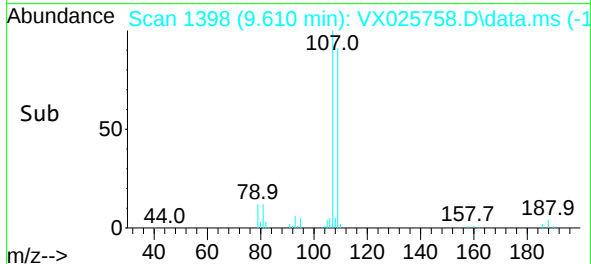
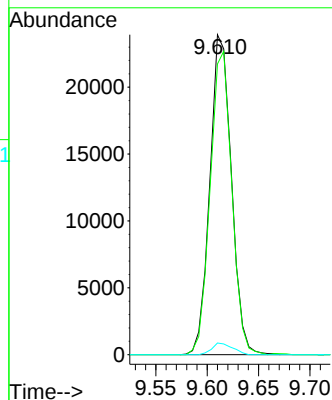
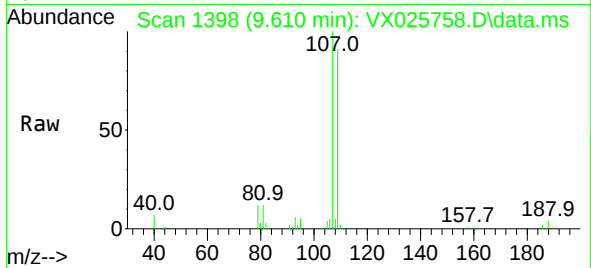




#50
1,2-Dibromoethane
Concen: 50.338 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

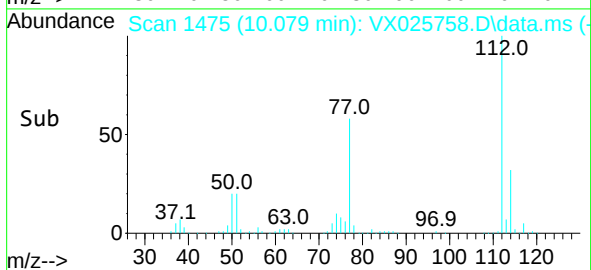
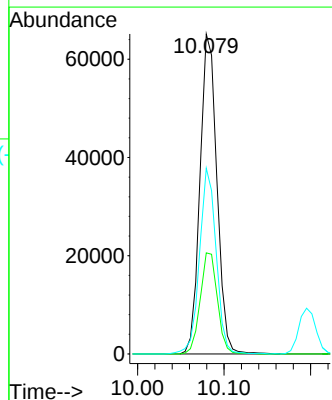
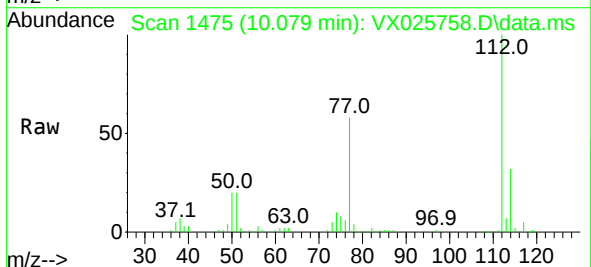
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

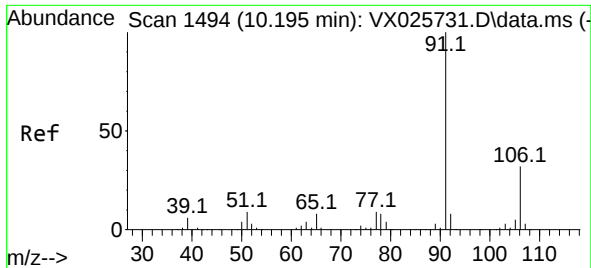
Tgt Ion:107 Resp: 34873
Ion Ratio Lower Upper
107 100
109 90.9 65.3 121.3
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 49.774 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:112 Resp: 88421
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 58.1 44.5 66.7

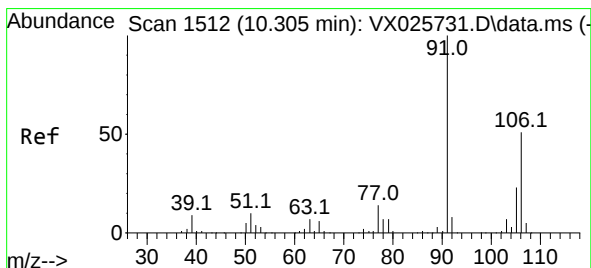
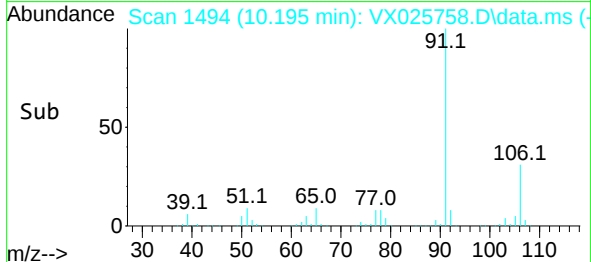
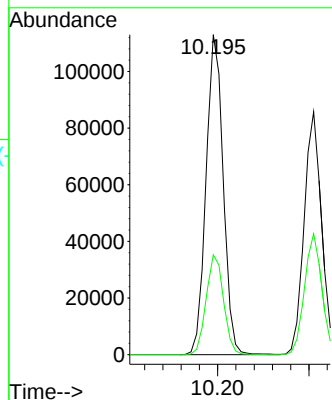
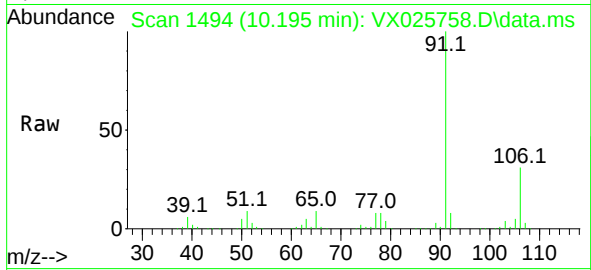




#52
Ethylbenzene
Concen: 50.689 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

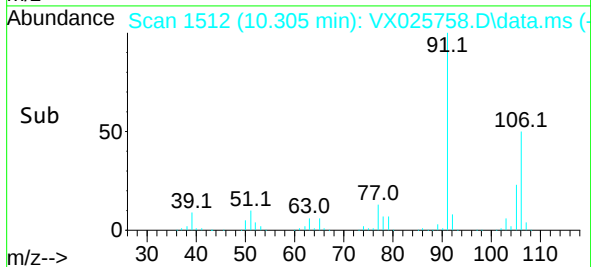
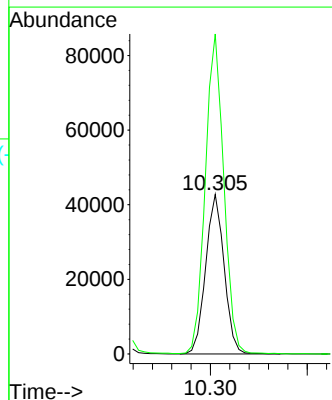
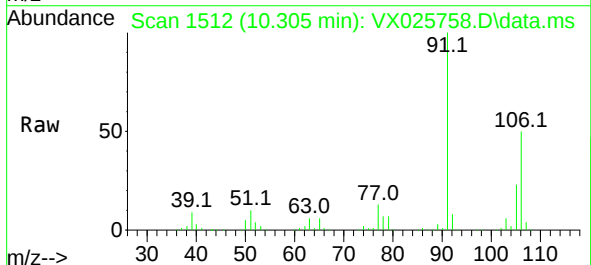
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

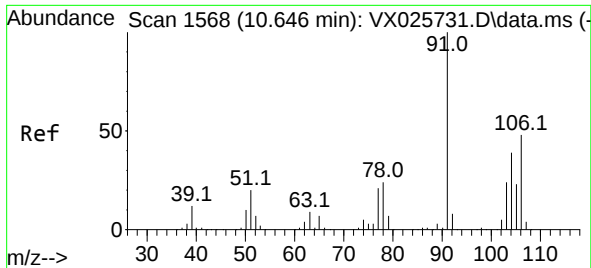
Tgt Ion: 91 Resp: 146711
Ion Ratio Lower Upper
91 100
106 31.2 23.1 42.9



#53
m,p-Xylene
Concen: 48.460 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 106 Resp: 56815
Ion Ratio Lower Upper
106 100
91 200.7 136.8 254.2

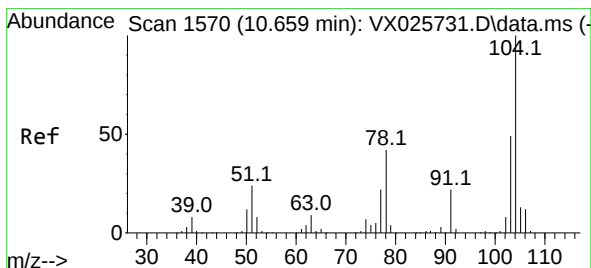
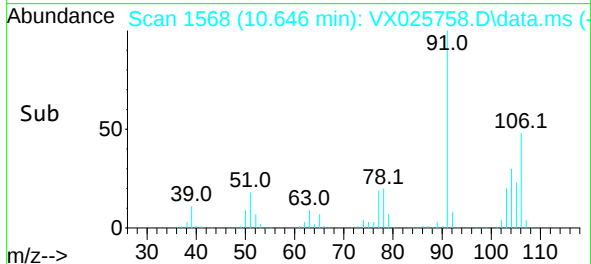
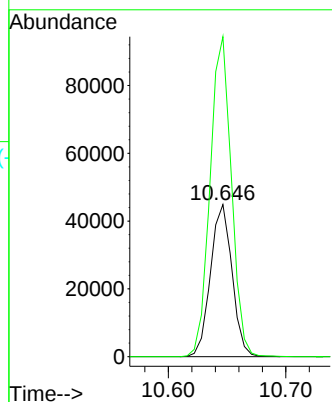
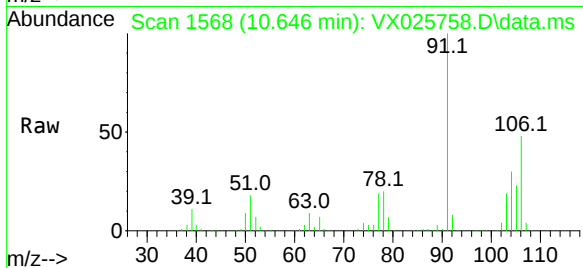




#54
o-Xylene
Concen: 48.705 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

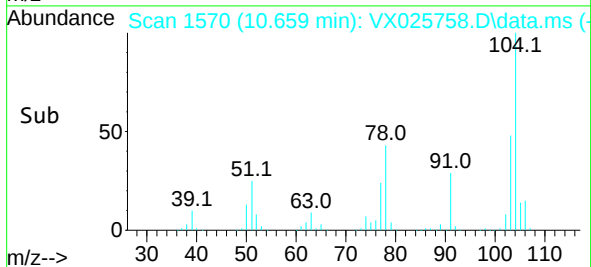
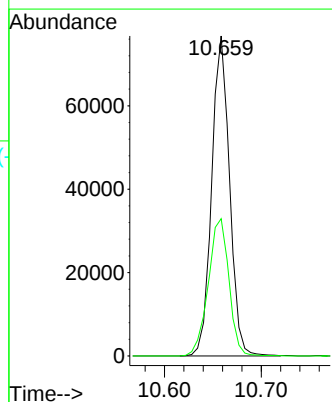
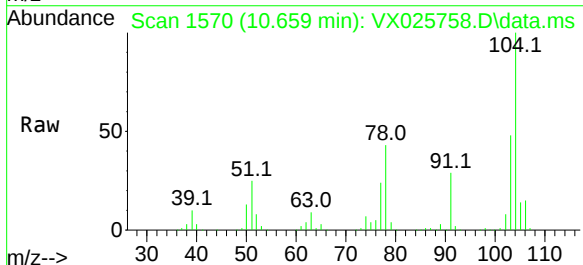
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

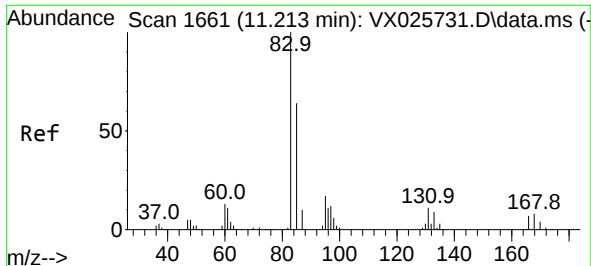
Tgt Ion:106 Resp: 57159
Ion Ratio Lower Upper
106 100
91 210.2 140.5 260.9



#55
Styrene
Concen: 50.542 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:104 Resp: 98561
Ion Ratio Lower Upper
104 100
78 42.9 28.6 53.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.444 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTD050729

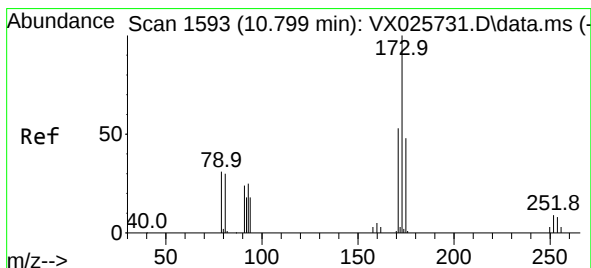
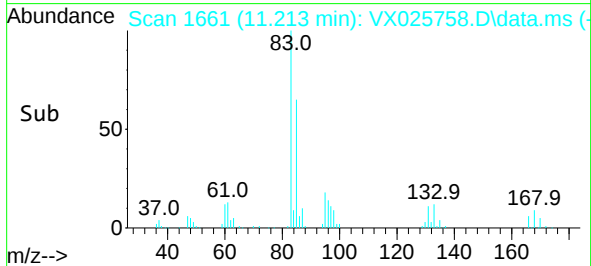
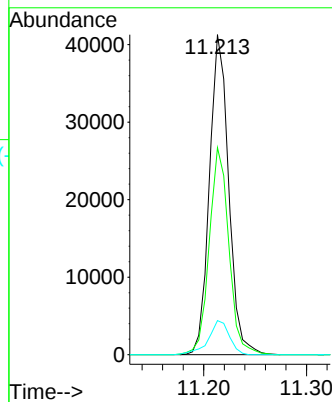
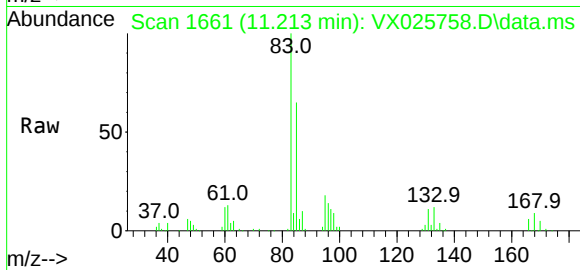
Tgt Ion: 83 Resp: 53642

Ion Ratio Lower Upper

83 100

85 64.7 47.0 87.2

131 10.6 8.5 12.7



#59

Bromoform

Concen: 53.762 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

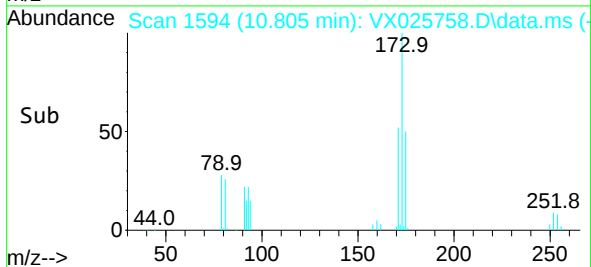
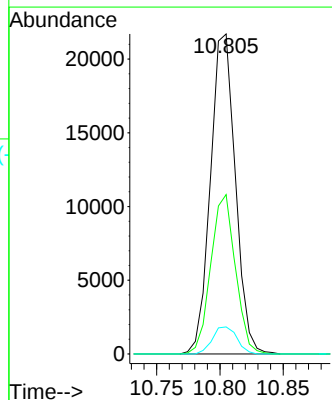
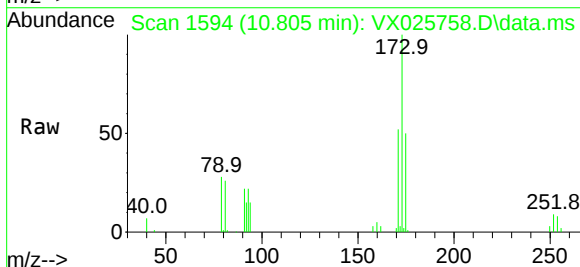
Tgt Ion:173 Resp: 29750

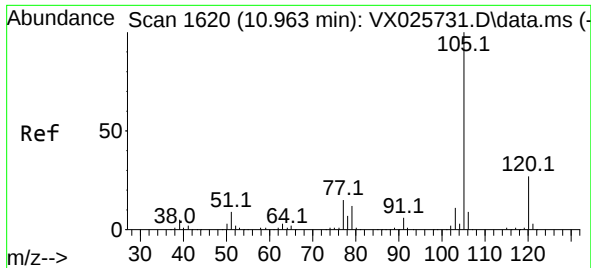
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

254 8.3 7.7 11.5

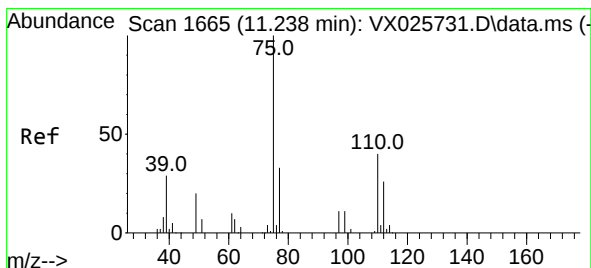
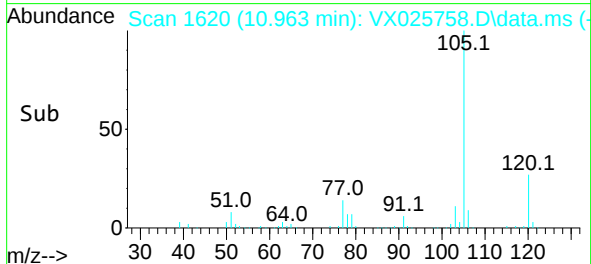
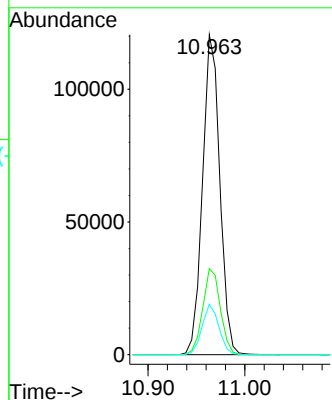
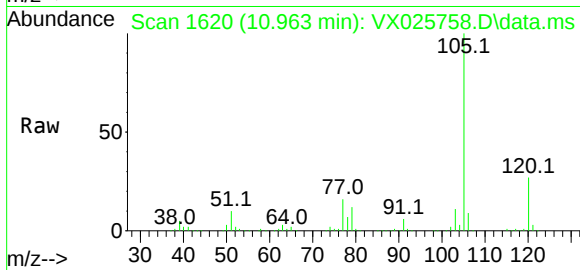




#60
Isopropylbenzene
Concen: 51.971 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

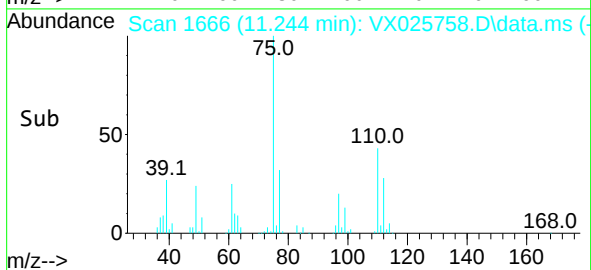
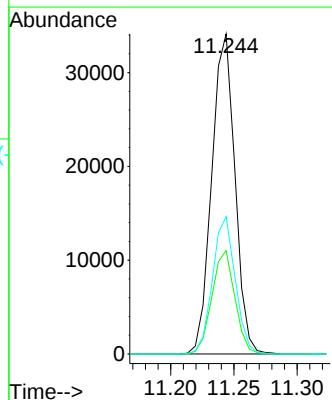
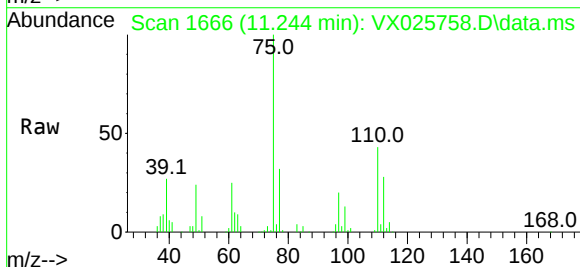
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

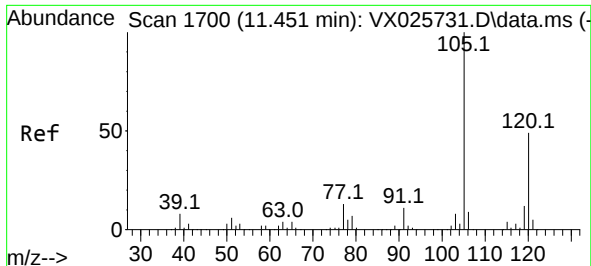
Tgt Ion:105 Resp: 149794
Ion Ratio Lower Upper
105 100
120 27.4 22.3 33.5
77 15.4 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 56.703 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion: 75 Resp: 43502
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 42.1 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 52.117 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

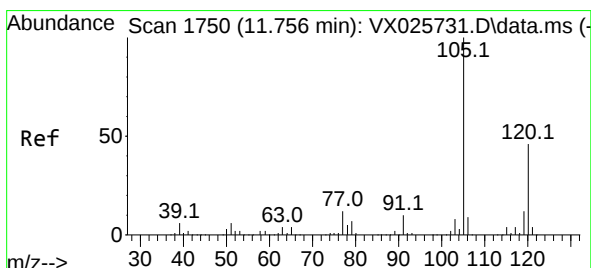
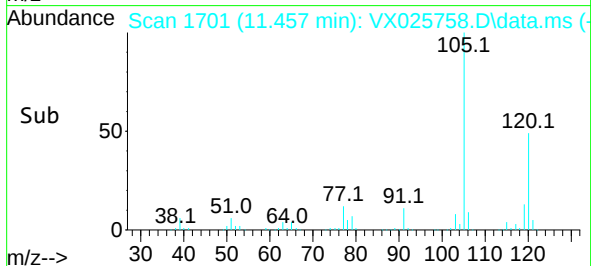
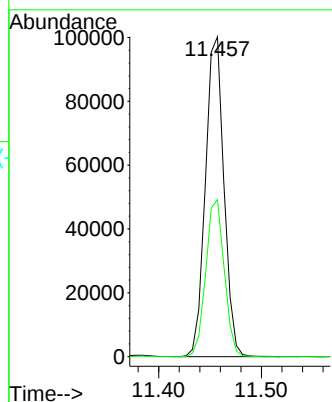
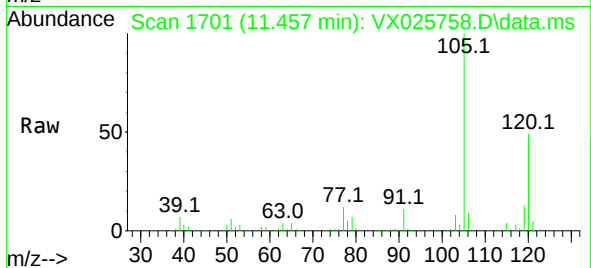
VSTD050729

Tgt Ion:105 Resp: 125638

Ion Ratio Lower Upper

105 100

120 49.0 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 51.419 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025758.D

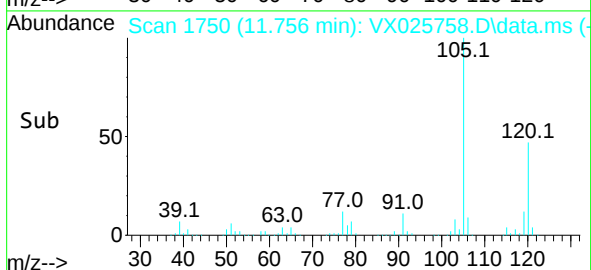
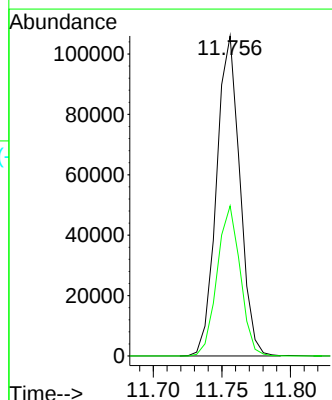
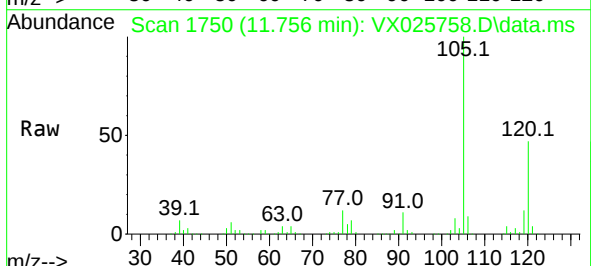
Acq: 11 Dec 2021 21:04

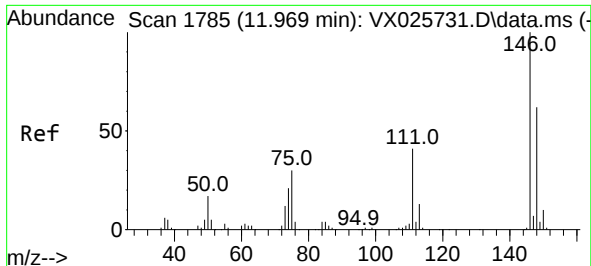
Tgt Ion:105 Resp: 125243

Ion Ratio Lower Upper

105 100

120 46.5 0.1 0.1#

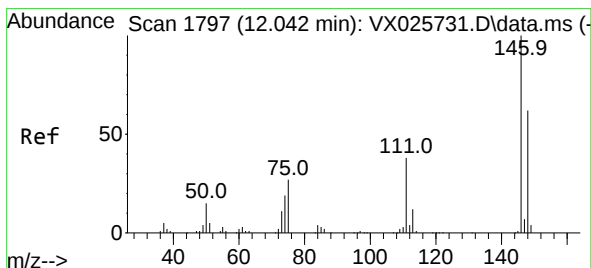
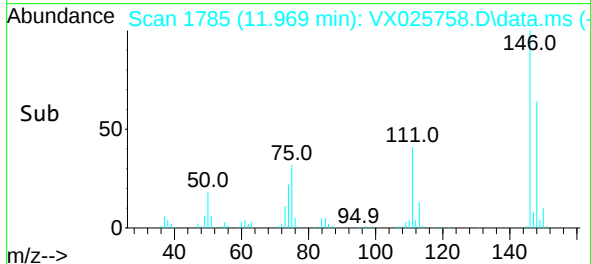
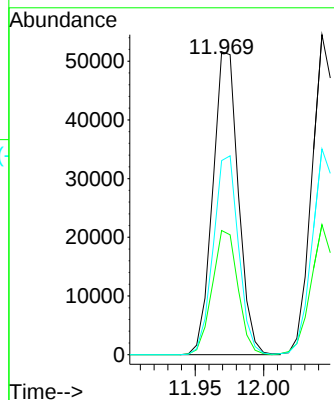
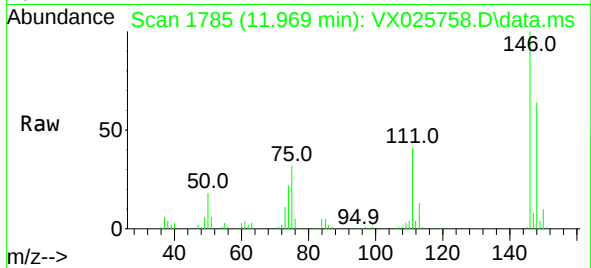




#64
1,3-Dichlorobenzene
Concen: 50.644 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

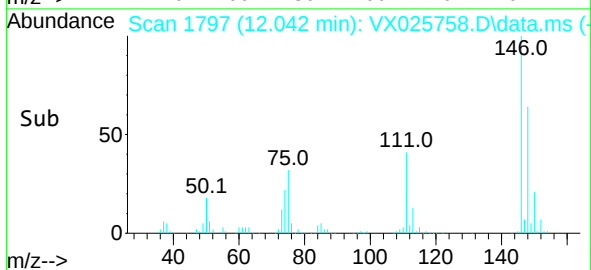
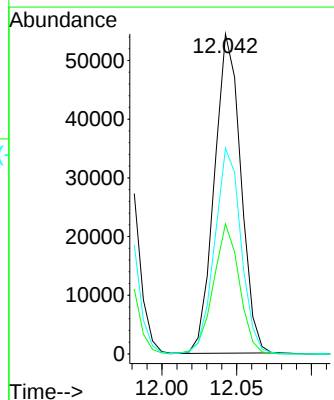
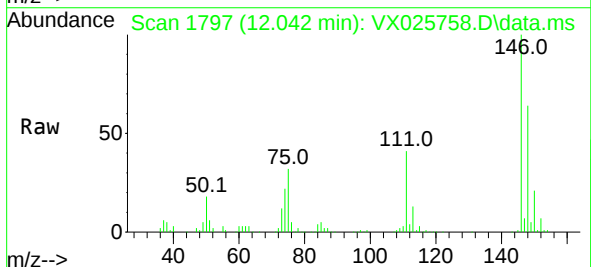
Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

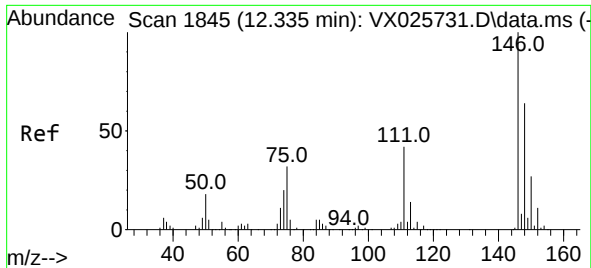
Tgt Ion:146 Resp: 67026
Ion Ratio Lower Upper
146 100
111 41.0 27.6 51.2
148 64.1 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 50.039 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:146 Resp: 66894
Ion Ratio Lower Upper
146 100
111 40.6 26.5 49.3
148 64.3 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 51.895 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTD050729

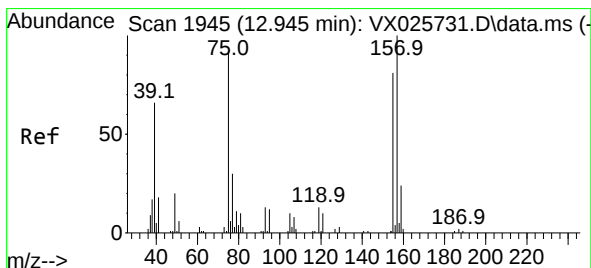
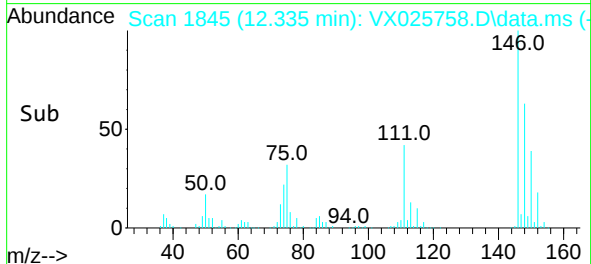
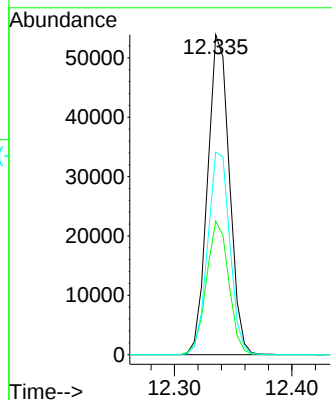
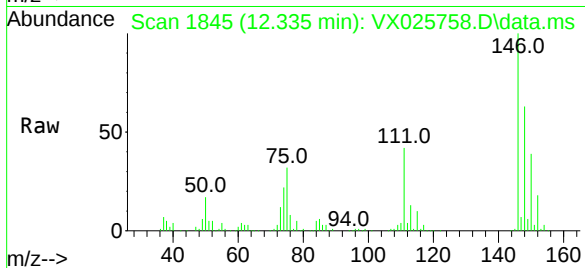
Tgt Ion:146 Resp: 69449

Ion Ratio Lower Upper

146 100

111 41.7 32.3 48.5

148 63.4 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 58.672 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

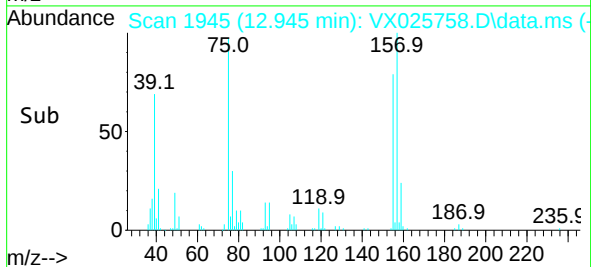
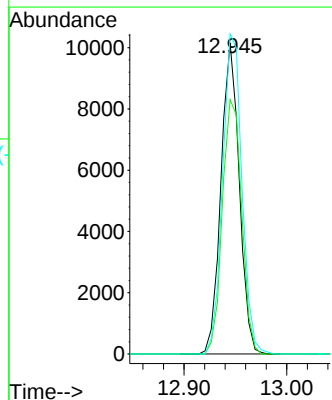
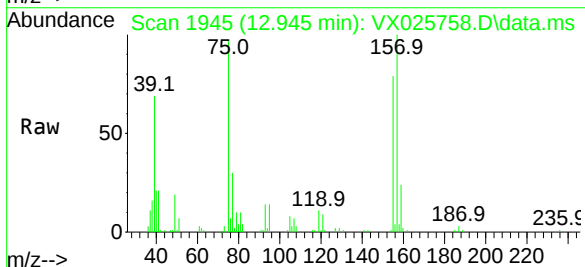
Tgt Ion: 75 Resp: 12510

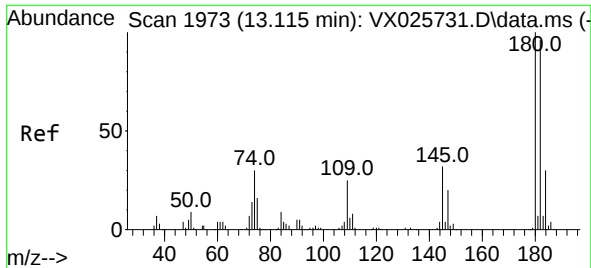
Ion Ratio Lower Upper

75 100

155 81.7 79.4 119.2

157 102.8 100.4 150.6



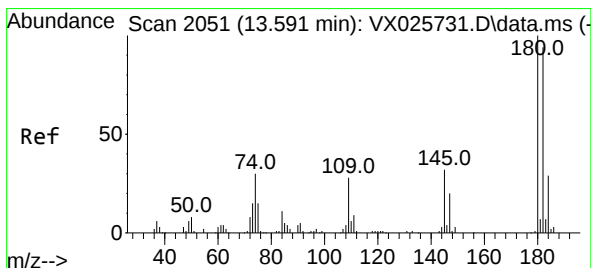
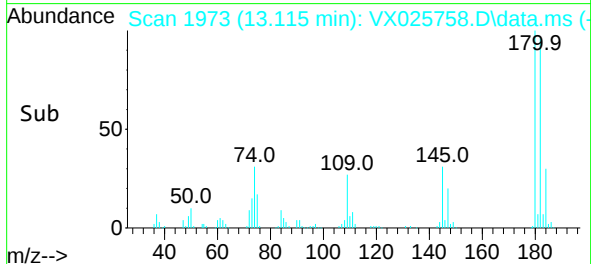
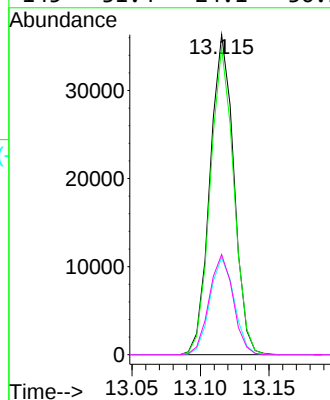
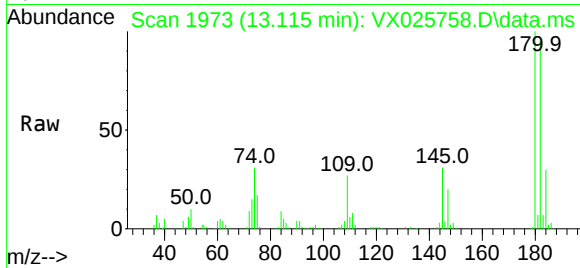


#69
1,3,5-Trichlorobenzene
Concen: 45.535 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTD050729

Tgt Ion:180 Resp: 43841

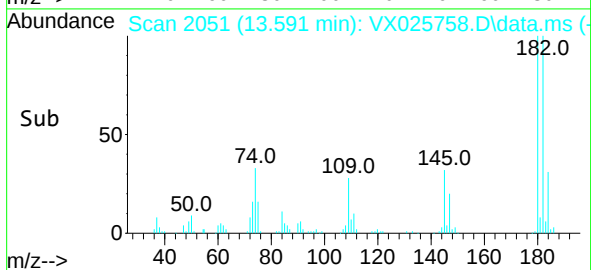
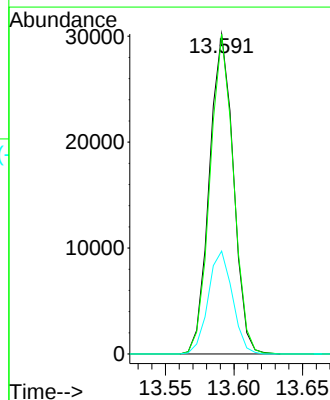
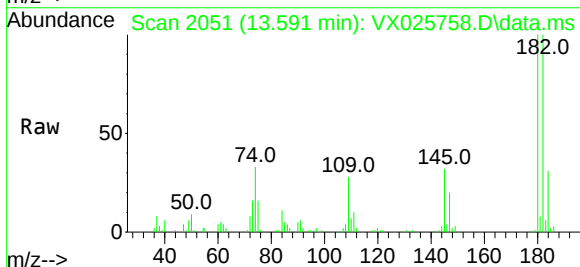
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.3	112.9
184	30.9	24.6	37.0
145	31.4	24.1	36.1

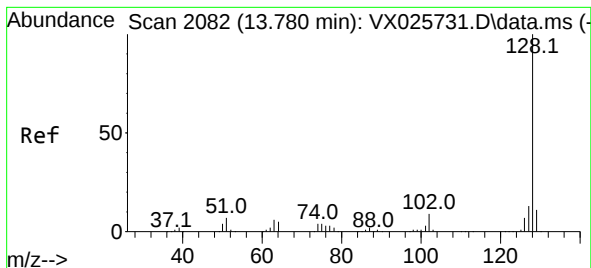


#70
1,2,4-trichlorobenzene
Concen: 45.459 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025758.D
Acq: 11 Dec 2021 21:04

Tgt Ion:180 Resp: 36790

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.2	117.4
145	32.4	24.7	37.1





#71

Naphthalene

Concen: 51.857 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTD050729

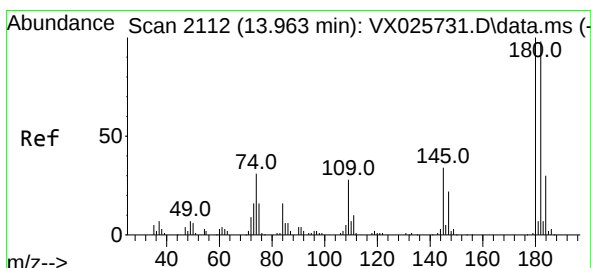
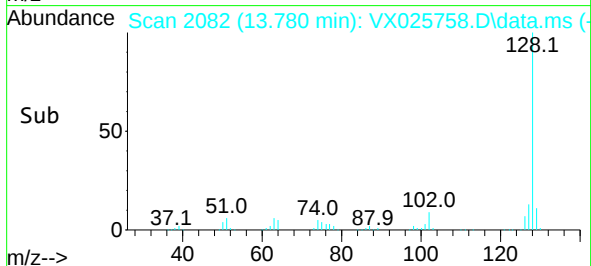
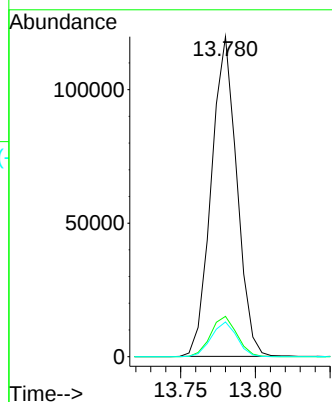
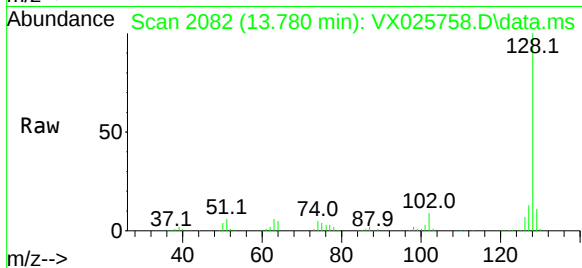
Tgt Ion:128 Resp: 142251

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.000 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025758.D

Acq: 11 Dec 2021 21:04

Tgt Ion:180 Resp: 39795

Ion Ratio Lower Upper

180 100

182 93.4 75.2 112.8

145 34.1 25.8 38.6

