

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024976.D
 Acq On : 27 Oct 2021 15:35
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005694

Quant Time: Oct 28 03:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	63936	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	59664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	5580	2.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.673	69	5798	3.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.313	63	27627	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.483	46	31355	45.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	5.068	84	42357	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.958	65	20480	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.983	84	57619	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	7.312	67	18179	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	8.653	98	58459	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.952	79	8166	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	9.391	63	33729	46.037	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	16034	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	23772	4.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35171	4.791	ug/L	97
3) Chloromethane	1.295	50	10011	3.905	ug/L	93
5) Vinyl chloride	1.374	62	13238	4.227	ug/L	92
6) Bromomethane	1.618	94	10283	4.209	ug/L	83
8) Chloroethane	1.691	64	8003	4.256	ug/L	98
9) Trichlorofluoromethane	1.892	101	46852	5.024	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	25252	5.162	ug/L	95
12) 1,1-Dichloroethene	2.325	96	20485	5.223	ug/L	90
13) Acetone	2.416	43	22155	43.040	ug/L	99
14) Carbon disulfide	2.514	76	49497	4.627	ug/L #	93
15) Methyl Acetate	2.715	43	5128	4.382	ug/L	97
16) Methylene chloride	2.794	84	25568	5.611	ug/L	96
17) Methyl tert-butyl Ether	3.123	73	58179	5.161	ug/L	99
18) trans-1,2-Dichloroethene	3.099	96	22924	5.013	ug/L	98
19) 1,1-Dichloroethane	3.611	63	39804	4.980	ug/L	96
21) 2-Butanone	4.581	43	34278	45.275	ug/L	99
22) cis-1,2-Dichloroethene	4.489	96	25716	5.248	ug/L	78
23) Bromochloromethane	4.904	128	11258	5.084	ug/L	85
25) Chloroform	5.105	83	55242	5.316	ug/L	96

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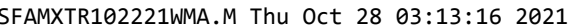
Quant Time: Oct 28 03:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
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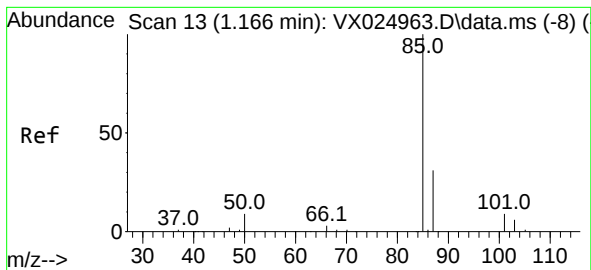
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	6.092	62	30931	4.857	ug/L #	94
29) 1,1,1-Trichloroethane	5.385	97	56007	5.407	ug/L	100
30) Cyclohexane	5.477	56	29681	4.617	ug/L	92
31) Carbon tetrachloride	5.690	117	48708	5.466	ug/L	100
33) Benzene	6.050	78	91371	5.242	ug/L	100
34) Trichloroethene	7.129	95	29802	5.249	ug/L	89
35) Methylcyclohexane	7.385	83	41546	5.235	ug/L	95
37) 1,2-Dichloropropane	7.428	63	20380	4.783	ug/L #	95
38) Bromodichloromethane	7.830	83	37578	5.295	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	35795	4.983	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	87578	46.138	ug/L	99
42) Toluene	8.720	91	109009	5.347	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	31753	4.879	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	18273	5.331	ug/L	90
47) Tetrachloroethene	9.281	164	21110	5.323	ug/L	85
48) 2-Hexanone	9.433	43	61097	44.086	ug/L	97
49) Dibromochloromethane	9.525	129	24247	5.414	ug/L	96
50) 1,2-Dibromoethane	9.616	107	17407	5.069	ug/L	90
51) Chlorobenzene	10.080	112	71577	5.529	ug/L	94
52) Ethylbenzene	10.195	91	129061	5.364	ug/L	100
53) m,p-xylene	10.305	106	45614	5.345	ug/L	99
54) o-xylene	10.647	106	43101	5.180	ug/L	97
55) Styrene	10.659	104	74752	5.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	19907	5.032	ug/L	94
59) Bromoform	10.805	173	12294	5.422	ug/L	97
60) Isopropylbenzene	10.964	105	132218	5.075	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	15058	4.718	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	116457	5.120	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	118897	5.103	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	55395	5.112	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	55384	5.097	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	50511	5.070	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.945	75	3519	4.530	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	42230	5.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	33414	5.121	ug/L	93
71) Naphthalene	13.780	128	54998	4.678	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	29661	5.054	ug/L	99

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

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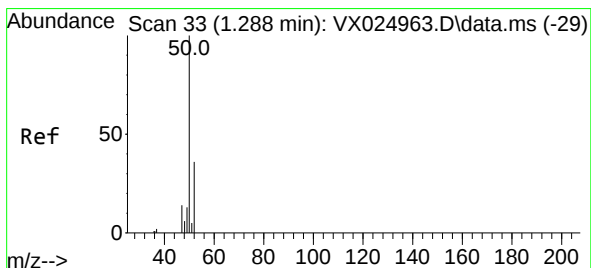
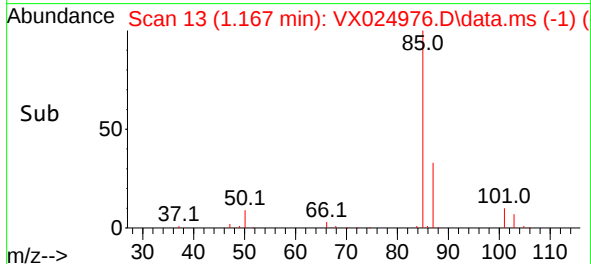
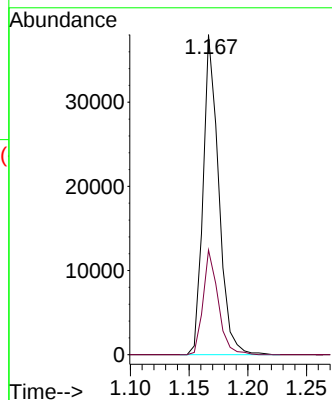
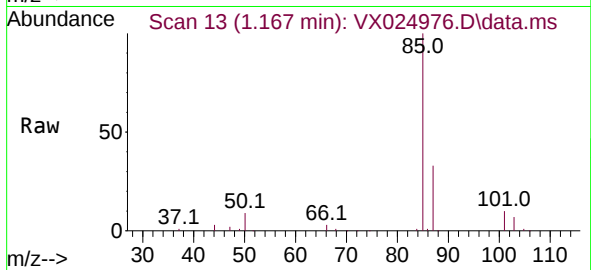




#2
Dichlorodifluoromethane
Concen: 4.791 ug/L
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

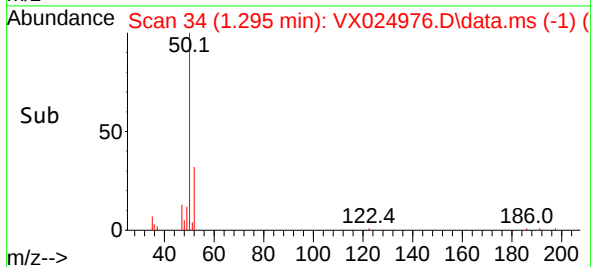
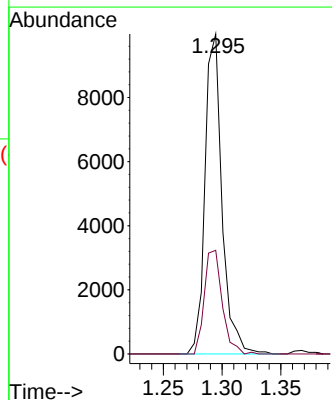
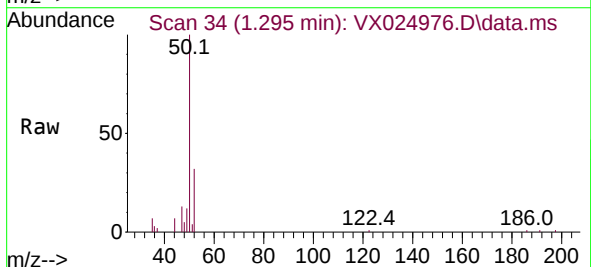
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

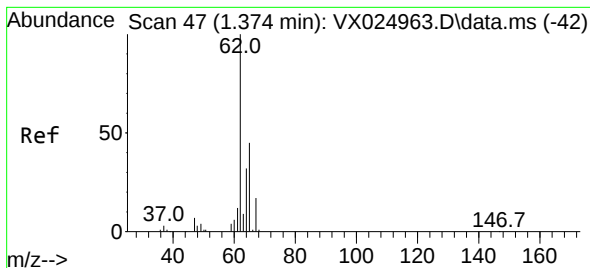
Tgt Ion: 85 Resp: 35171
Ion Ratio Lower Upper
85 100
87 31.5 24.1 36.1



#3
Chloromethane
Concen: 3.905 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 50 Resp: 10011
Ion Ratio Lower Upper
50 100
52 32.4 25.5 47.3

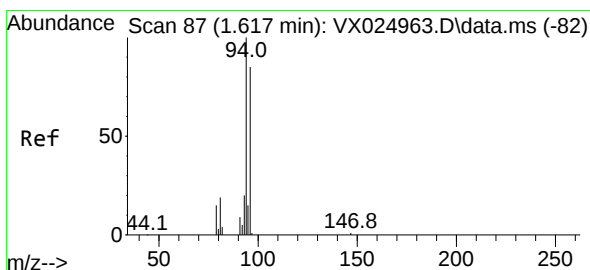
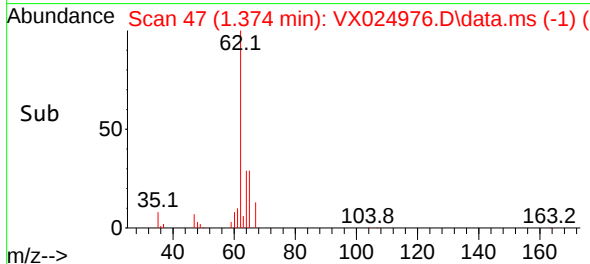
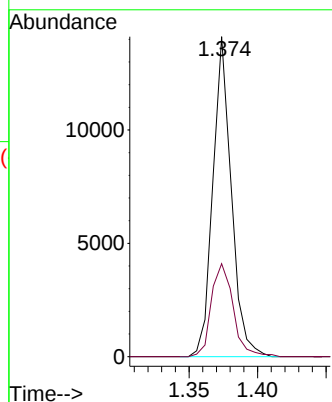
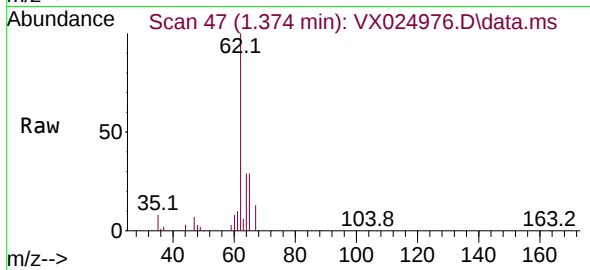




#5
 Vinyl chloride
 Concen: 4.227 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX024976.D
 Acq: 27 Oct 2021 15:35

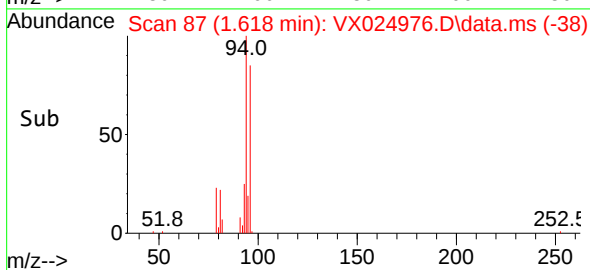
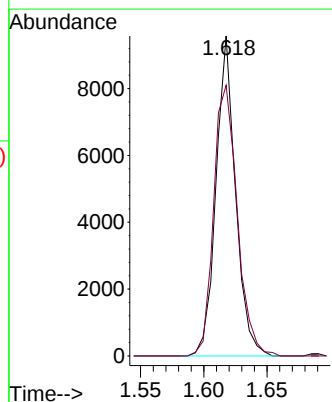
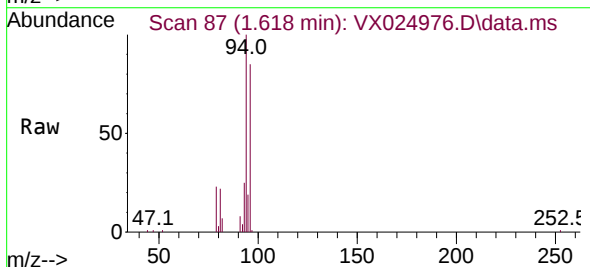
Instrument :
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 ClientSampleId :
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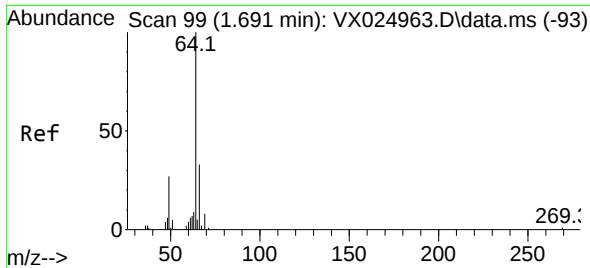
Tgt Ion: 62 Resp: 13238
 Ion Ratio Lower Upper
 62 100
 64 29.0 23.7 44.1



#6
 Bromomethane
 Concen: 4.209 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX024976.D
 Acq: 27 Oct 2021 15:35

Tgt Ion: 94 Resp: 10283
 Ion Ratio Lower Upper
 94 100
 96 84.6 70.9 131.7

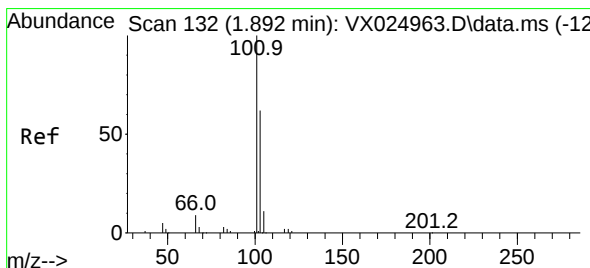
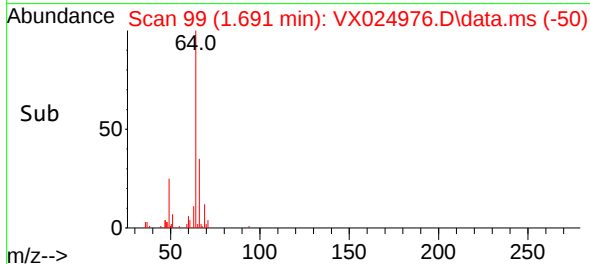
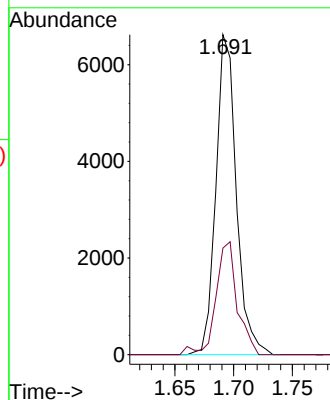
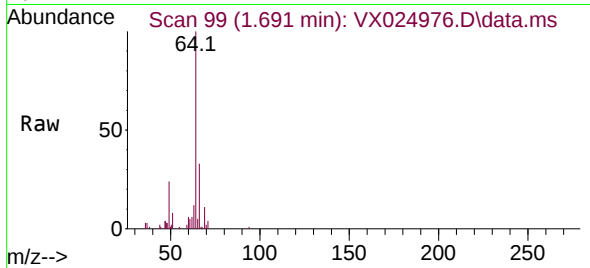




#8
Chloroethane
Concen: 4.256 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

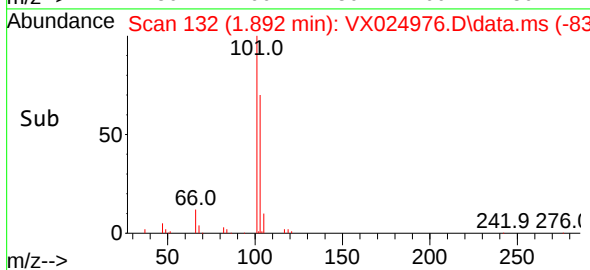
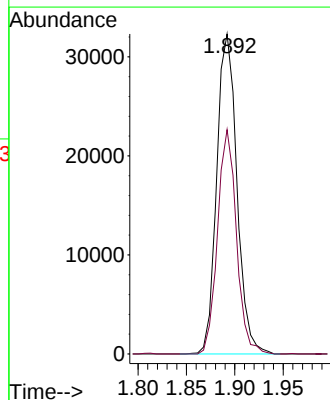
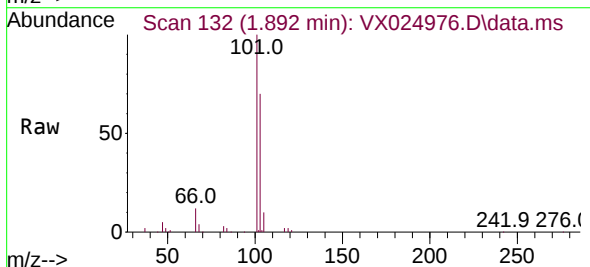
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

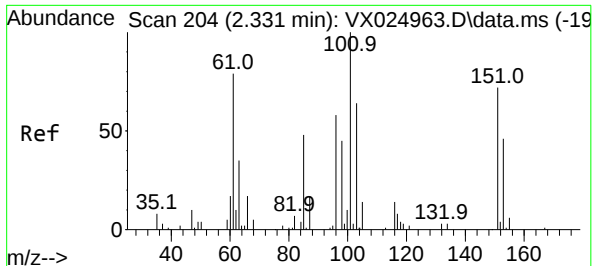
Tgt Ion: 64 Resp: 8003
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.024 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 101 Resp: 46852
Ion Ratio Lower Upper
101 100
103 65.6 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.162 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

Tgt Ion:101 Resp: 25252

Ion Ratio Lower Upper

101 100

85 43.8 34.3 51.5

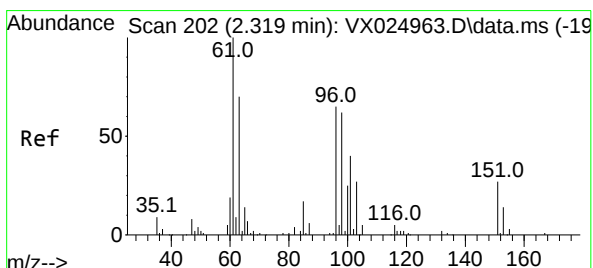
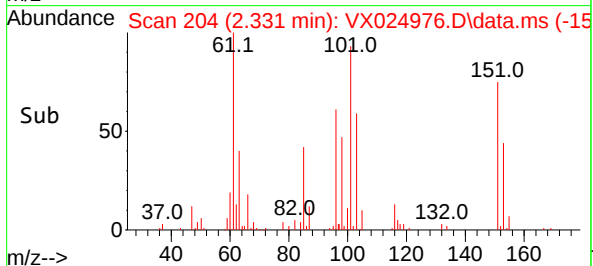
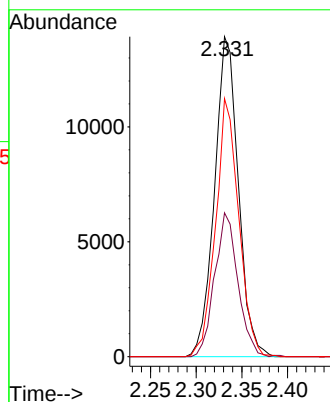
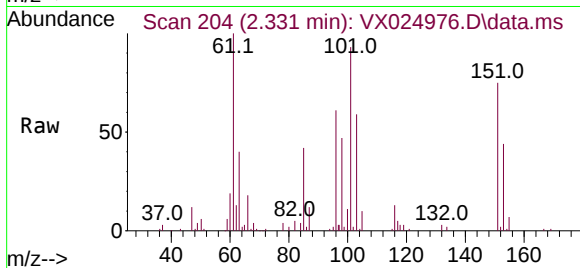
151 78.4 58.3 87.5

Instrument :

MSVOA_X

ClientSampleId :

VSTD005694



#12

1,1-Dichloroethene

Concen: 5.223 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

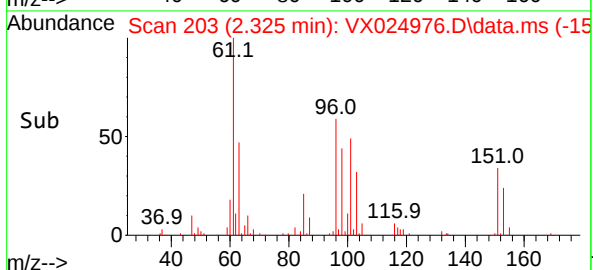
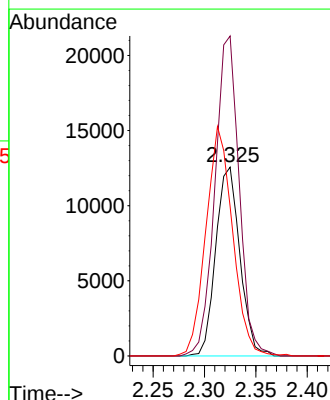
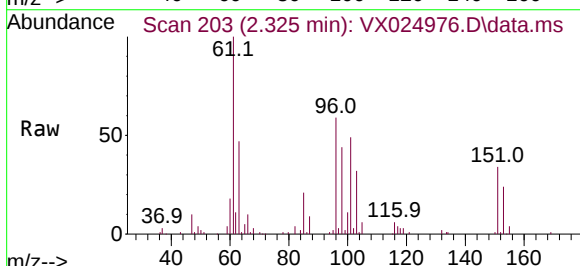
Tgt Ion: 96 Resp: 20485

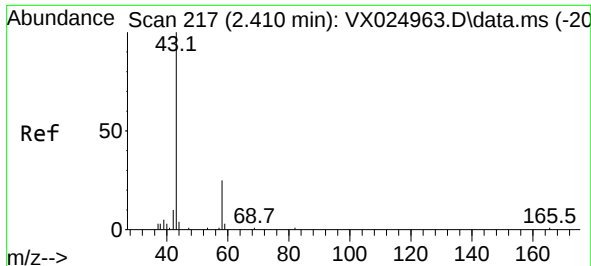
Ion Ratio Lower Upper

96 100

61 169.5 110.2 204.8

63 79.2 63.1 117.1

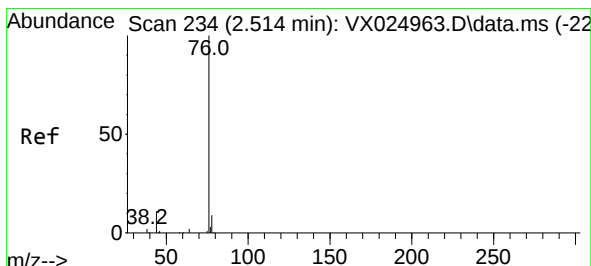
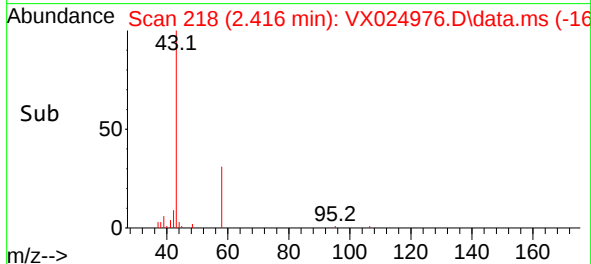
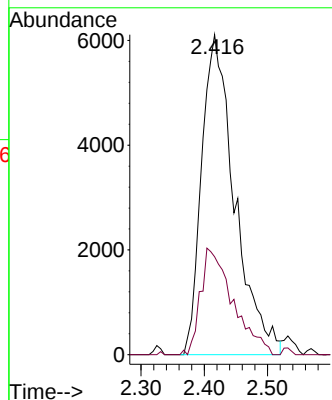
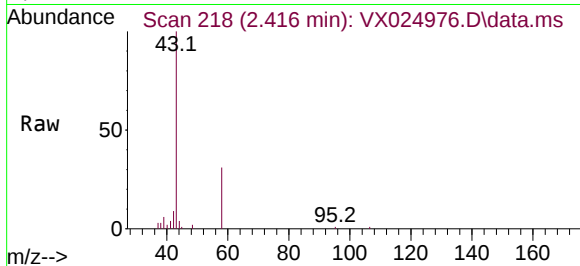




#13
Acetone
Concen: 43.040 ug/L
RT: 2.416 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

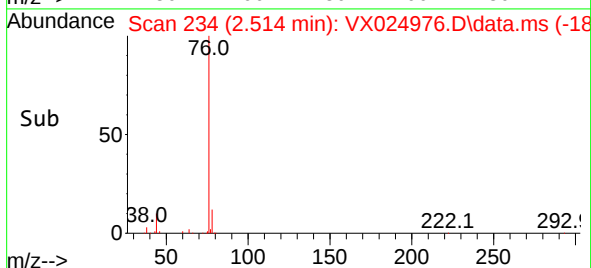
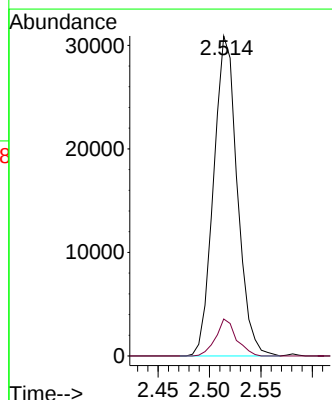
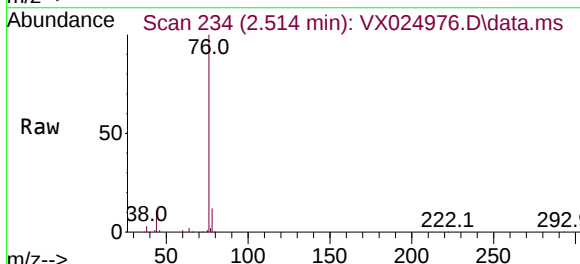
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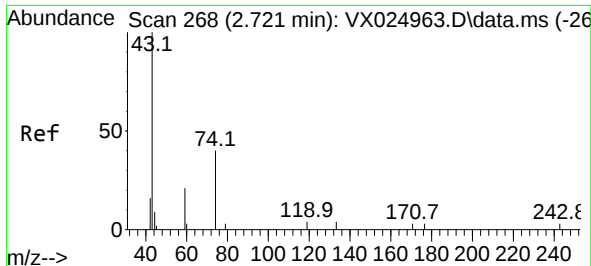
Tgt Ion: 43 Resp: 22155
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.2



#14
Carbon disulfide
Concen: 4.627 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 76 Resp: 49497
Ion Ratio Lower Upper
76 100
78 11.5 7.1 10.7#

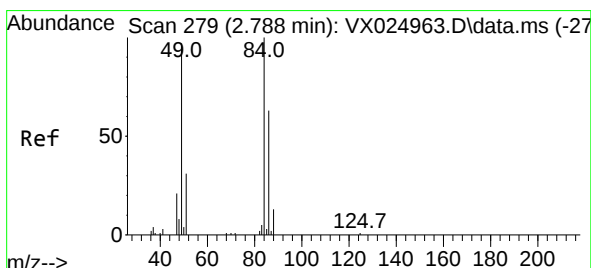
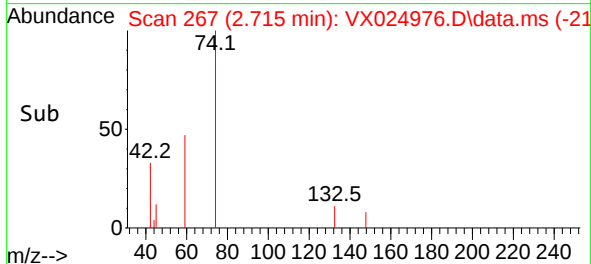
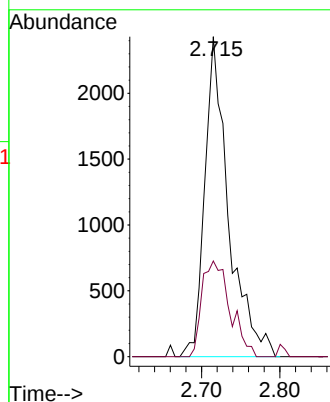
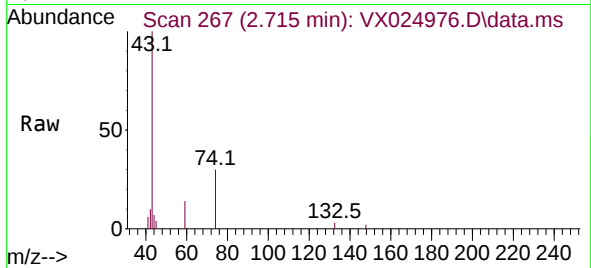




#15
Methyl Acetate
Concen: 4.382 ug/L
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

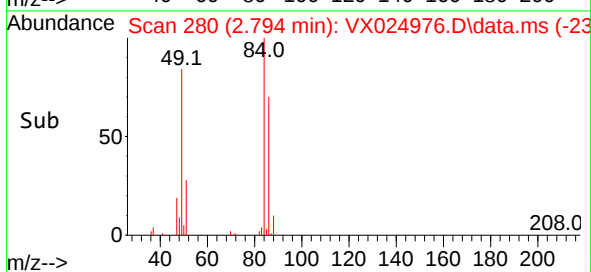
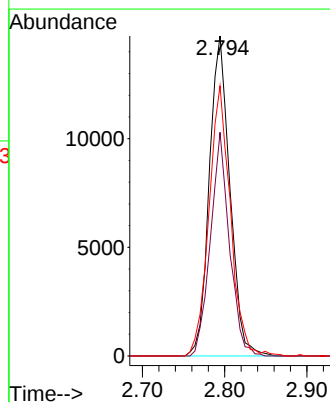
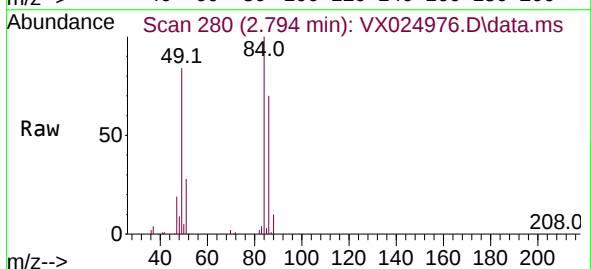
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

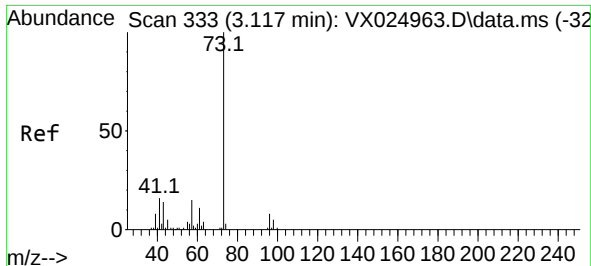
Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
74 35.4 26.8 40.2



#16
Methylene chloride
Concen: 5.611 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 84 Resp: 25568
Ion Ratio Lower Upper
84 100
86 69.9 49.5 91.9
49 84.4 62.7 116.5

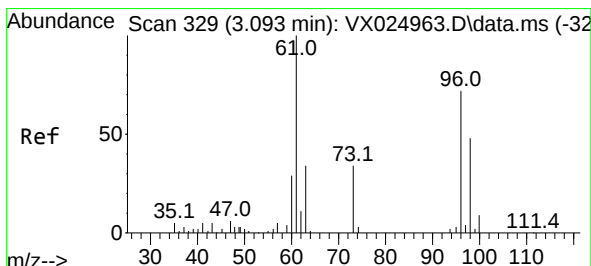
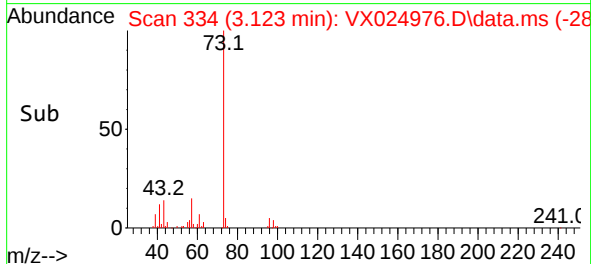
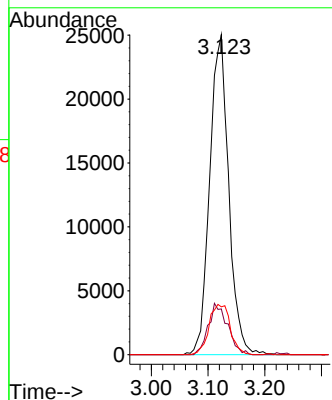
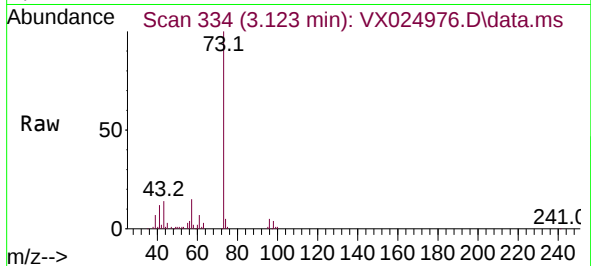




#17
Methyl tert-butyl Ether
Concen: 5.161 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

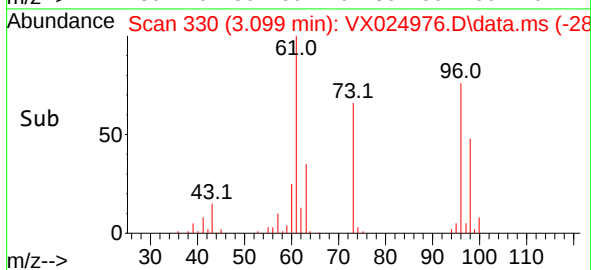
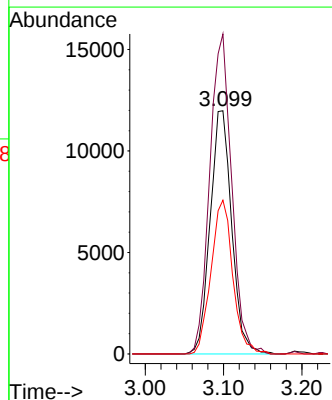
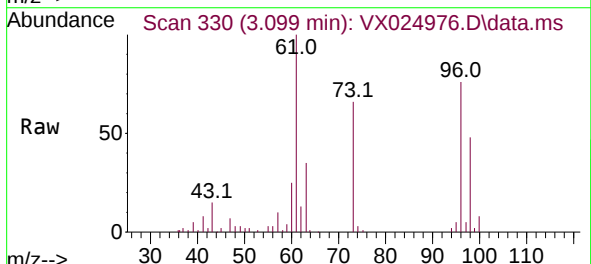
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

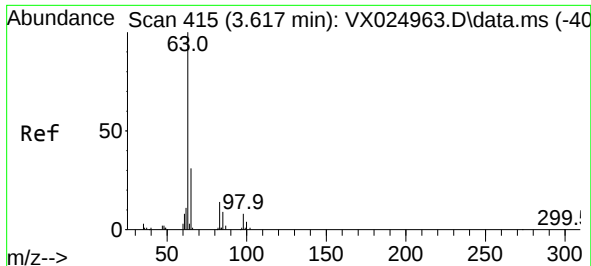
Tgt Ion: 73 Resp: 58179
Ion Ratio Lower Upper
73 100
43 16.4 13.6 20.4
57 17.5 14.5 21.7



#18
trans-1,2-Dichloroethene
Concen: 5.013 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 96 Resp: 22924
Ion Ratio Lower Upper
96 100
61 131.5 92.7 172.3
98 63.2 46.6 86.6





#19

1,1-Dichloroethane

Concen: 4.980 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.006 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

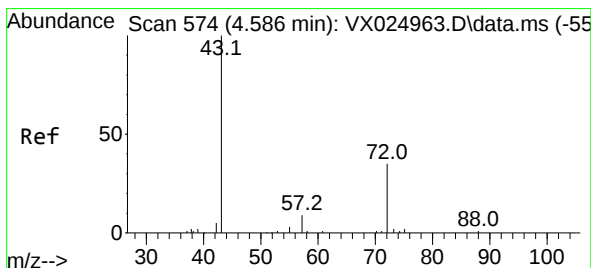
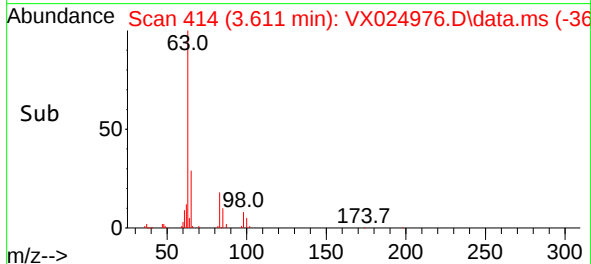
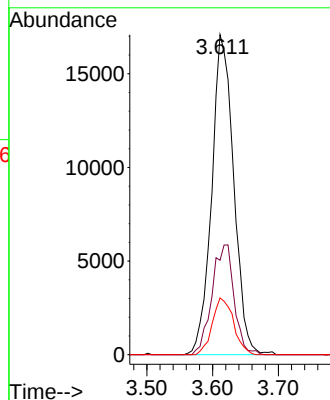
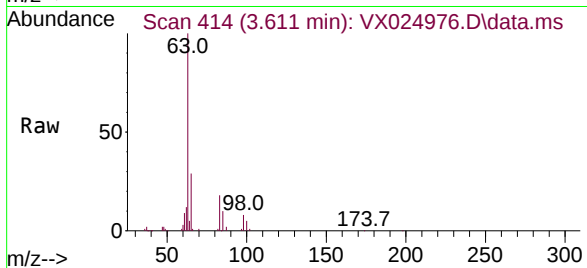
Tgt Ion: 63 Resp: 39804

Ion Ratio Lower Upper

63 100

65 29.5 22.3 41.3

83 17.7 11.5 21.3



#21

2-Butanone

Concen: 45.275 ug/L

RT: 4.581 min Scan# 573

Delta R.T. -0.006 min

Lab File: VX024976.D

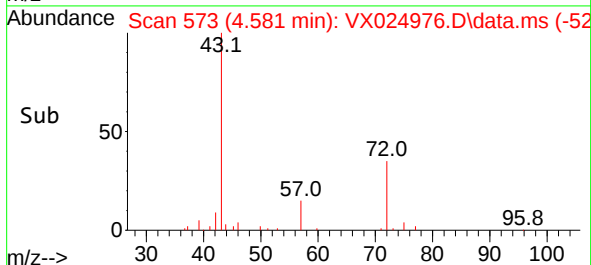
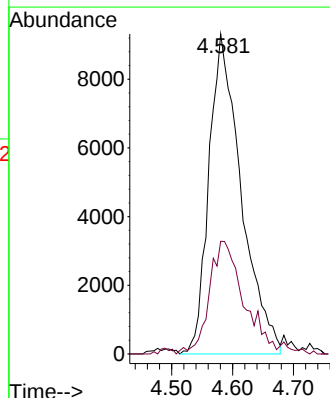
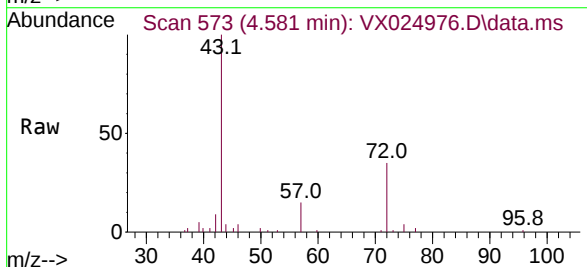
Acq: 27 Oct 2021 15:35

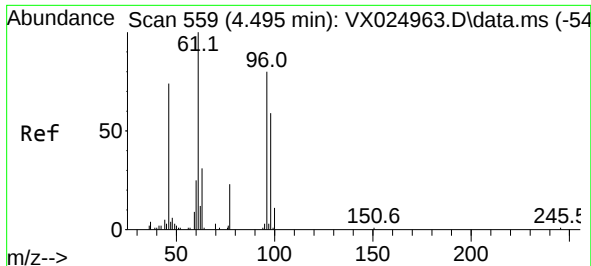
Tgt Ion: 43 Resp: 34278

Ion Ratio Lower Upper

43 100

72 37.4 18.9 56.9

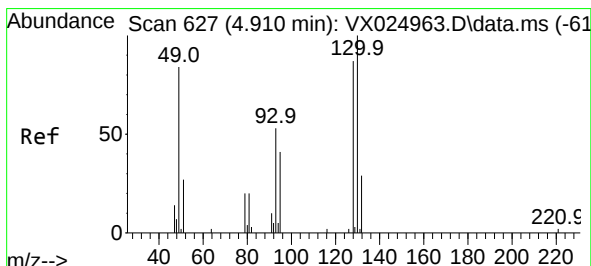
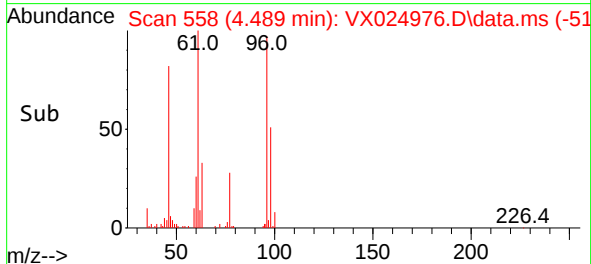
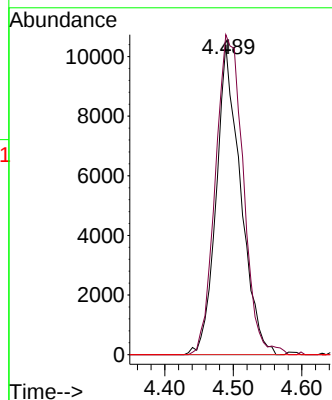
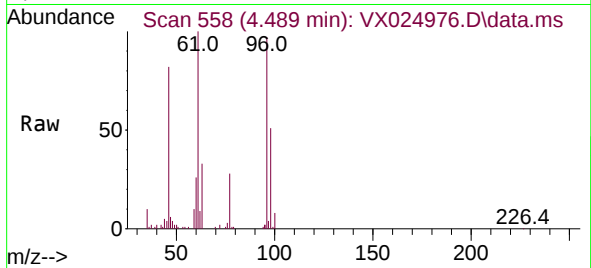




#22
cis-1,2-Dichloroethene
Concen: 5.248 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

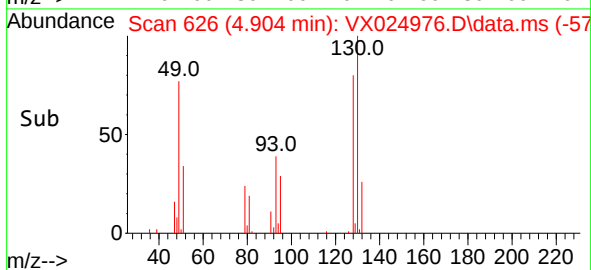
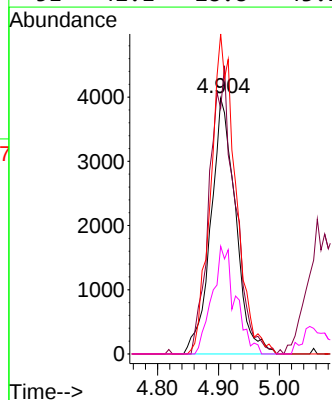
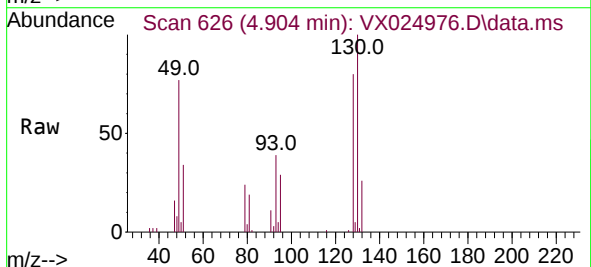
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

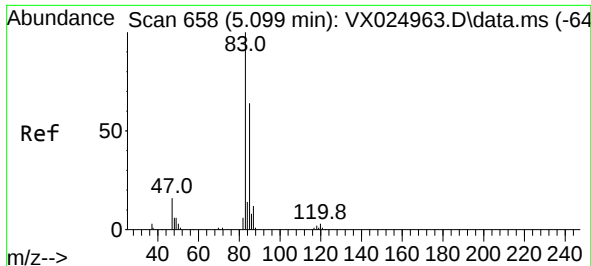
Tgt Ion: 96	Resp: 25716
Ion Ratio	Lower Upper
96 100	
61 103.2	90.3 167.7
68 0.0	0.0 0.0



#23
Bromochloromethane
Concen: 5.084 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 128	Resp: 11258
Ion Ratio	Lower Upper
128 100	
49 96.1	85.8 159.3
130 125.2	81.4 151.2
51 42.1	28.8 43.2

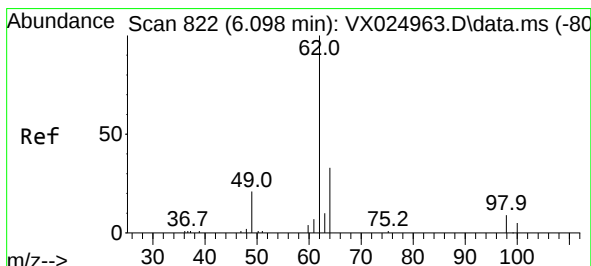
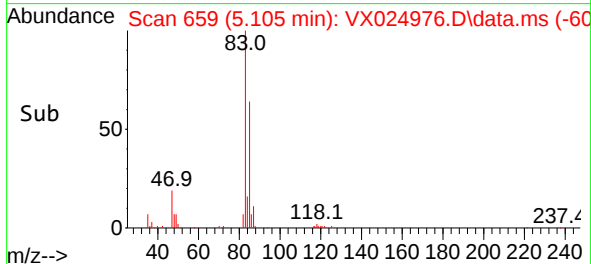
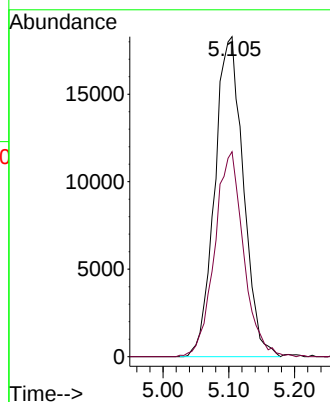
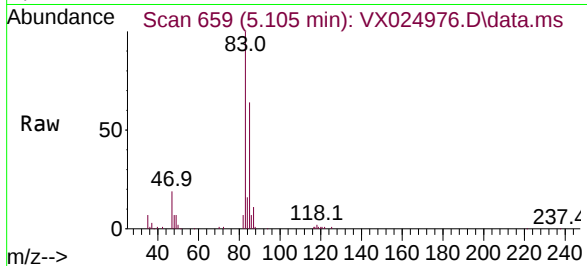




#25
Chloroform
Concen: 5.316 ug/L
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

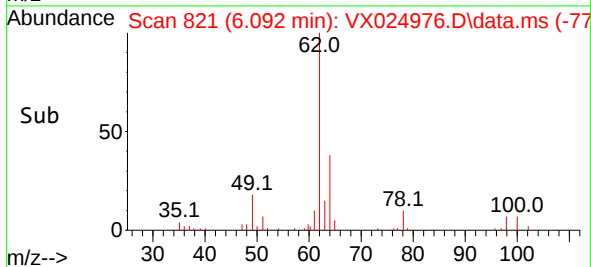
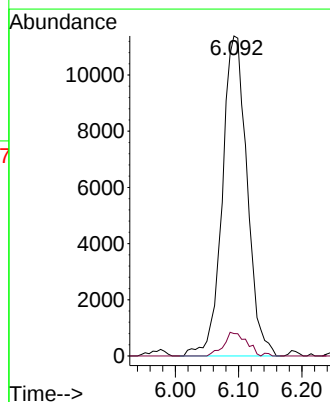
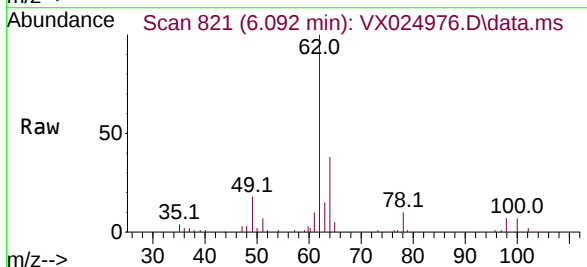
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

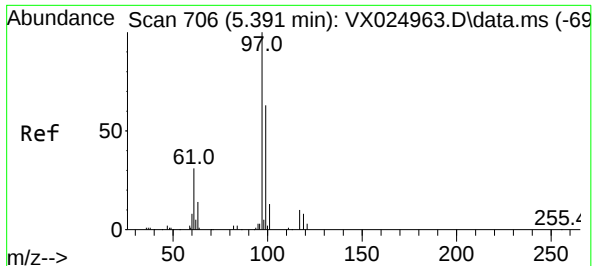
Tgt Ion: 83 Resp: 55242
Ion Ratio Lower Upper
83 100
85 64.0 47.0 87.4



#27
1,2-Dichloroethane
Concen: 4.857 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 62 Resp: 30931
Ion Ratio Lower Upper
62 100
98 7.0 4.1 6.1#





#29

1,1,1-Trichloroethane

Concen: 5.407 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

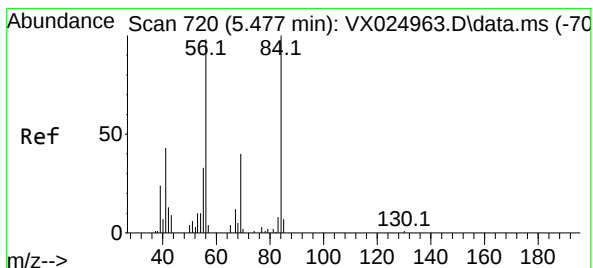
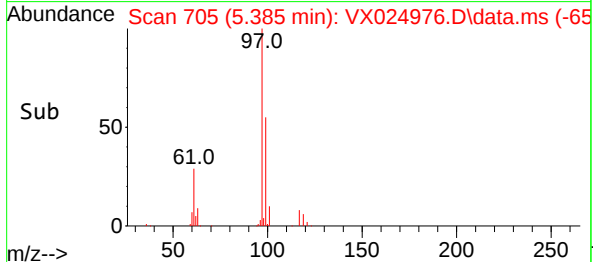
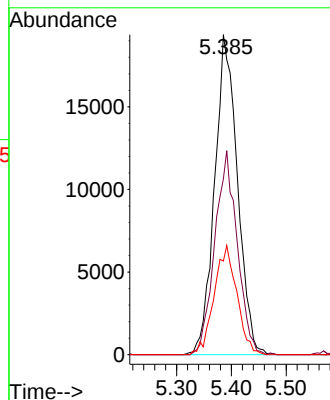
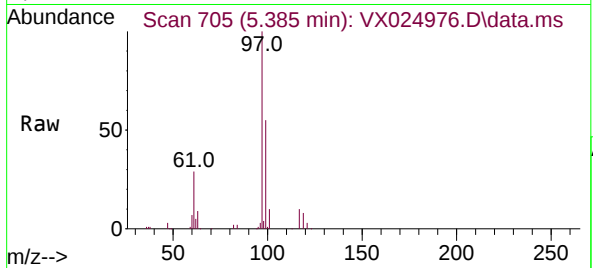
Instrument :

MSVOA_X

ClientSampleId :

VSTD005694

Tgt Ion:	97	Resp:	56007
Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.2	75.4
61	34.1	27.0	40.6



#30

Cyclohexane

Concen: 4.617 ug/L

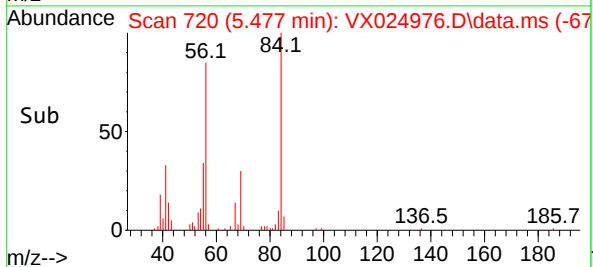
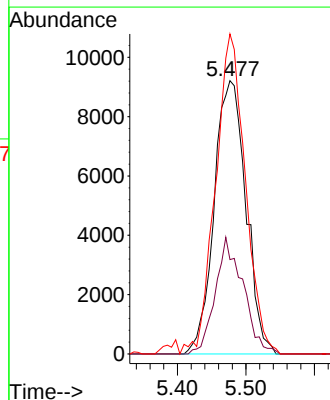
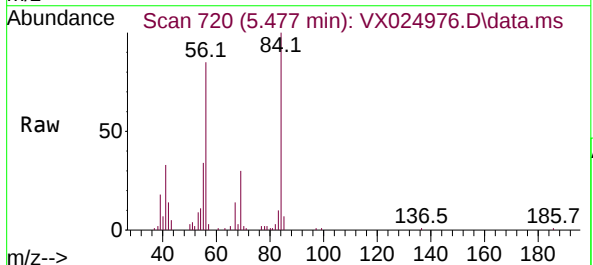
RT: 5.477 min Scan# 720

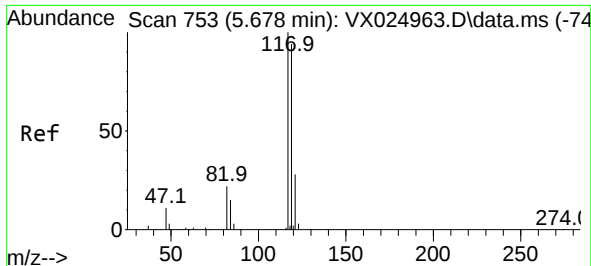
Delta R.T. 0.000 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

Tgt Ion:	56	Resp:	29681
Ion	Ratio	Lower	Upper
56	100		
69	37.3	27.1	40.7
84	109.7	81.0	121.4

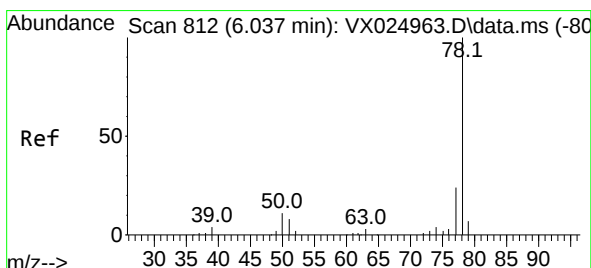
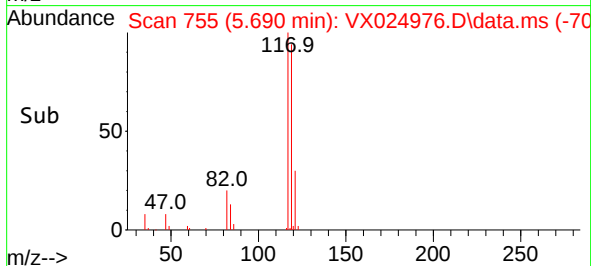
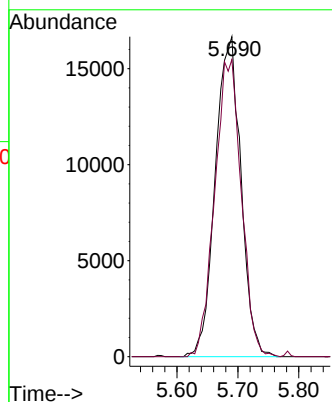
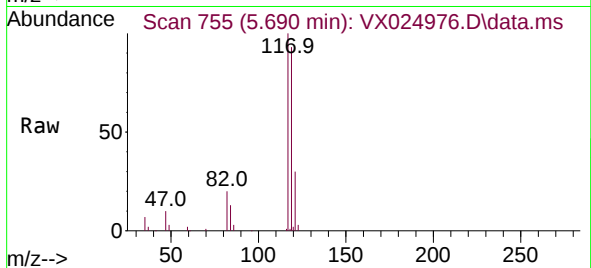




#31
Carbon tetrachloride
Concen: 5.466 ug/L
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

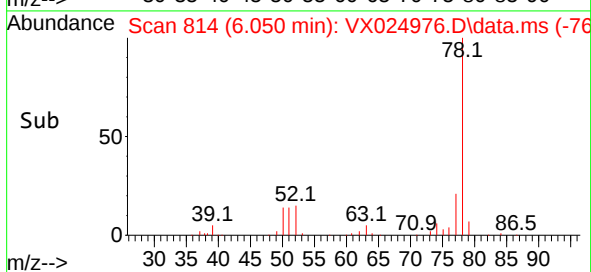
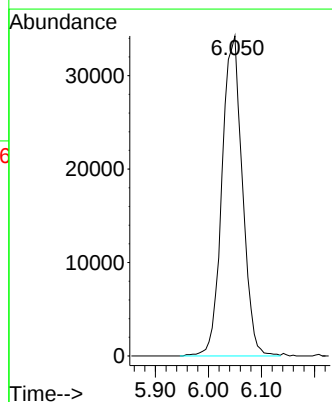
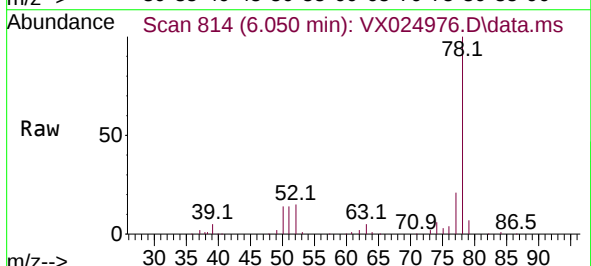
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

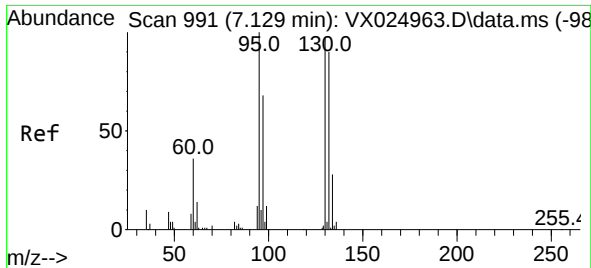
Tgt Ion:117 Resp: 48708
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 5.242 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

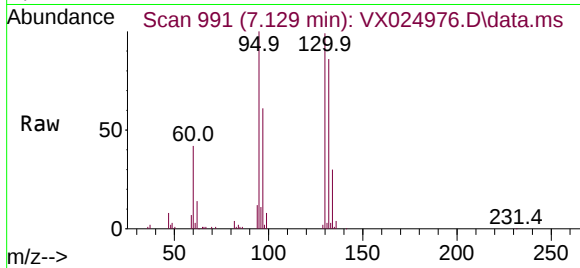
Tgt Ion: 78 Resp: 91371



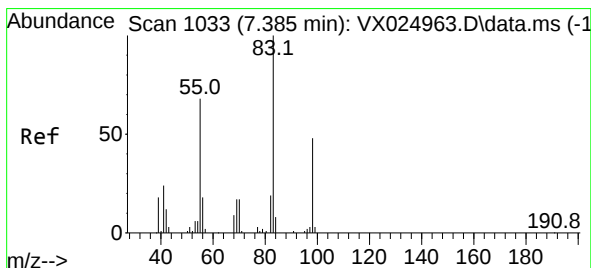
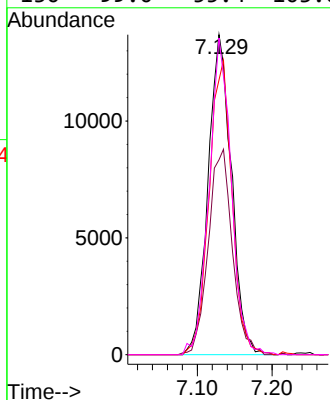
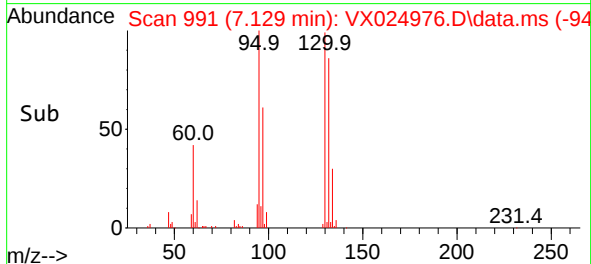


#34
Trichloroethene
Concen: 5.249 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

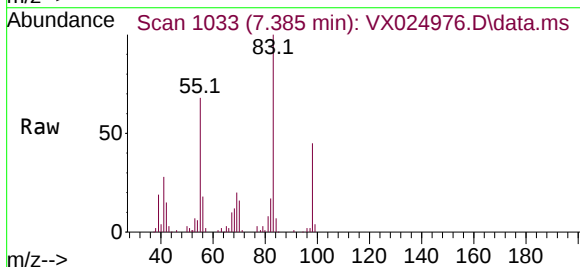
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694



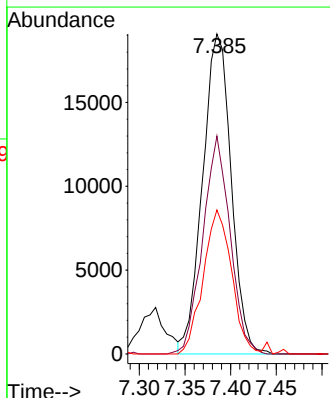
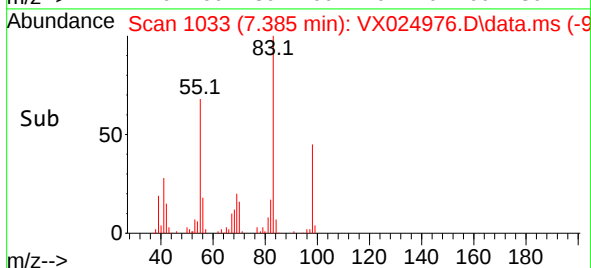
Tgt Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.6	86.6
132	85.9	58.4	108.6
130	99.0	55.4	103.0

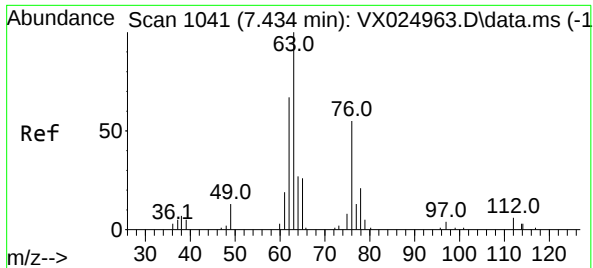


#35
Methylcyclohexane
Concen: 5.235 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35



Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.2	55.7	83.5
98	44.7	38.3	57.5

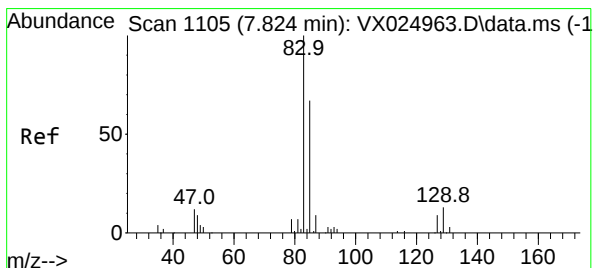
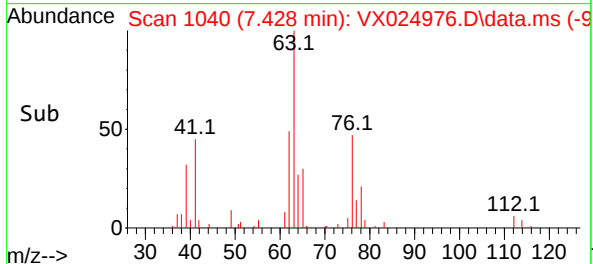
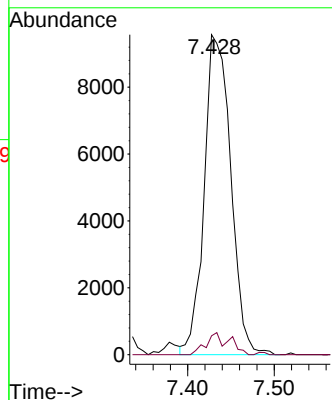
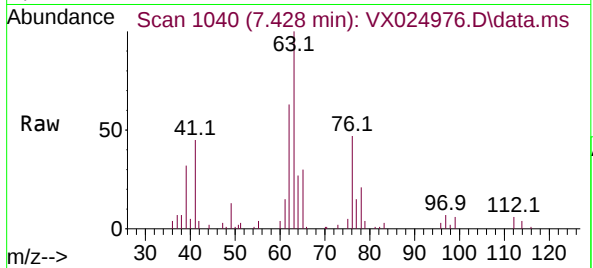




#37
1,2-Dichloropropane
Concen: 4.783 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

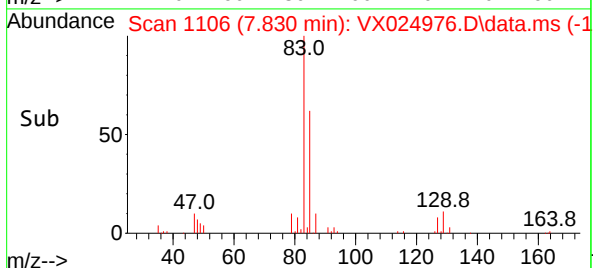
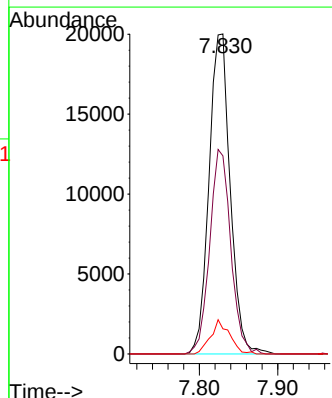
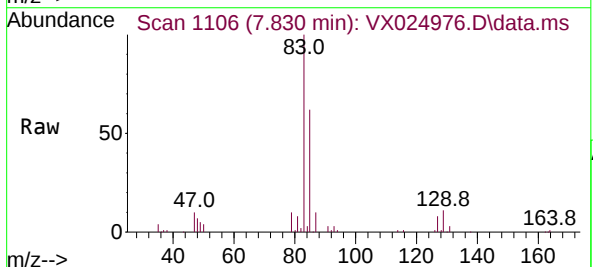
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

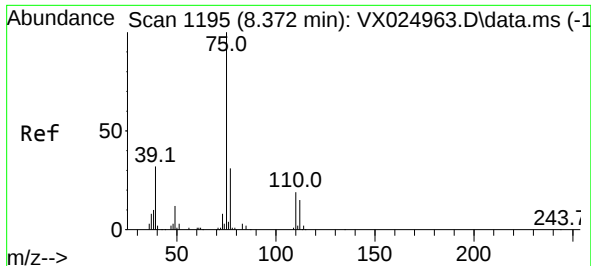
Tgt Ion: 63 Resp: 20380
Ion Ratio Lower Upper
63 100
112 6.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.295 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 83 Resp: 37578
Ion Ratio Lower Upper
83 100
85 61.9 43.5 80.9
127 7.9 6.9 10.3

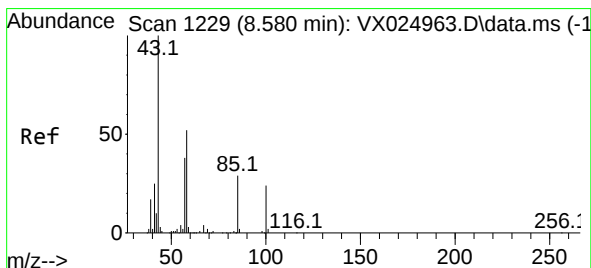
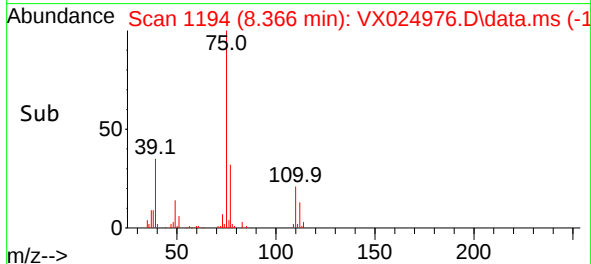
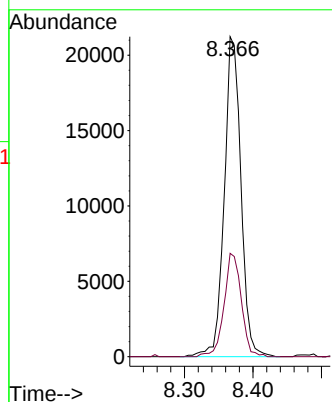
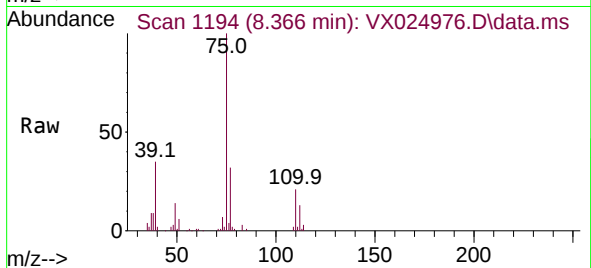




#39
 cis-1,3-Dichloropropene
 Concen: 4.983 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX024976.D
 Acq: 27 Oct 2021 15:35

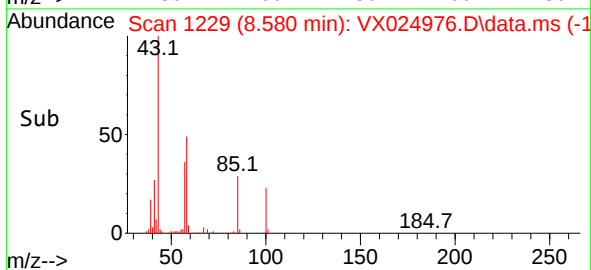
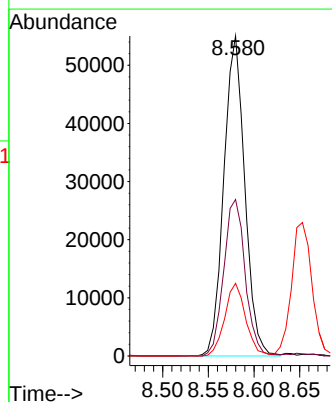
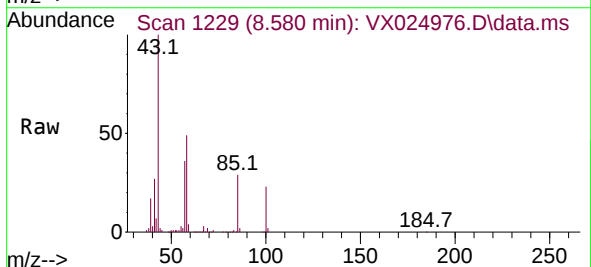
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005694

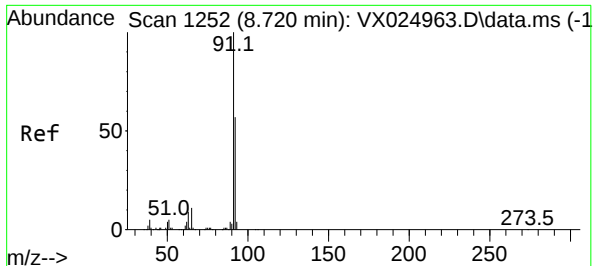
Tgt Ion: 75 Resp: 35795
 Ion Ratio Lower Upper
 75 100
 77 32.3 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 46.138 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX024976.D
 Acq: 27 Oct 2021 15:35

Tgt Ion: 43 Resp: 87578
 Ion Ratio Lower Upper
 43 100
 58 50.2 40.1 60.1
 100 22.7 17.4 26.0





#42

Toluene

Concen: 5.347 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX024976.D

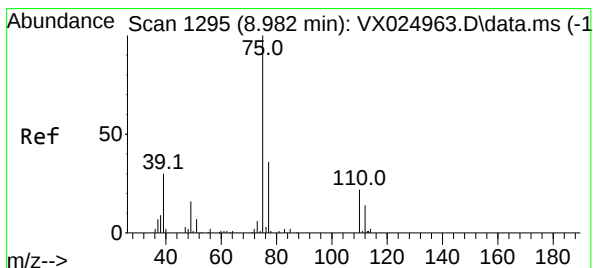
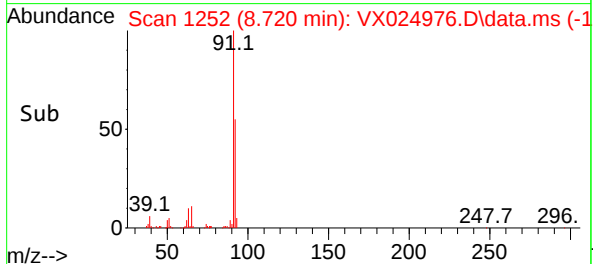
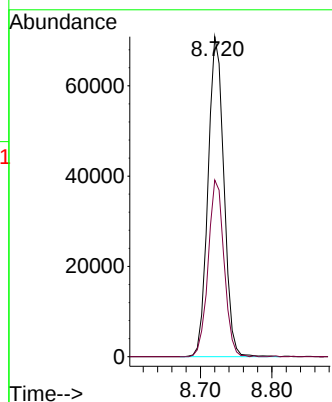
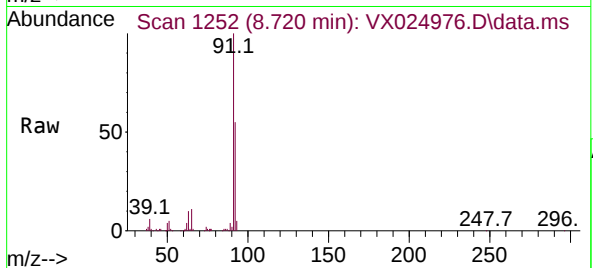
Acq: 27 Oct 2021 15:35

Tgt Ion: 91 Resp: 109009

Ion Ratio Lower Upper

91 100

92 55.2 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 4.879 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX024976.D

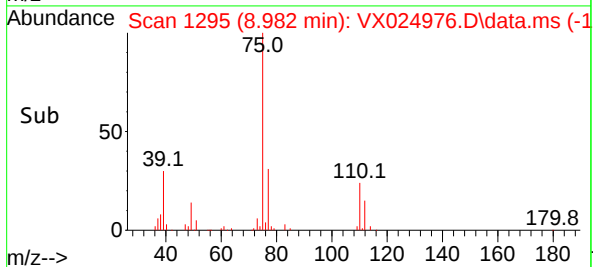
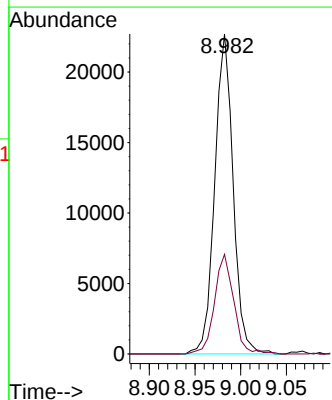
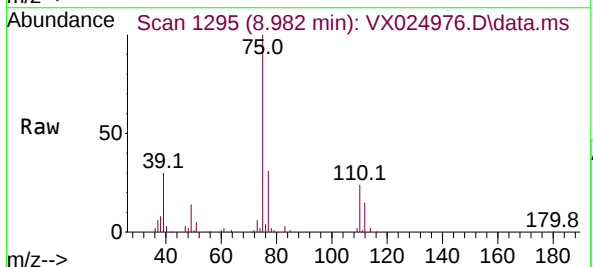
Acq: 27 Oct 2021 15:35

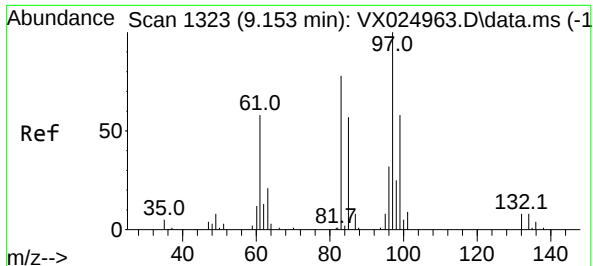
Tgt Ion: 75 Resp: 31753

Ion Ratio Lower Upper

75 100

77 31.2 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 5.331 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

Tgt Ion: 97 Resp: 18273

Ion Ratio Lower Upper

97 100

99 57.7 46.8 86.8

83 78.4 63.6 118.2

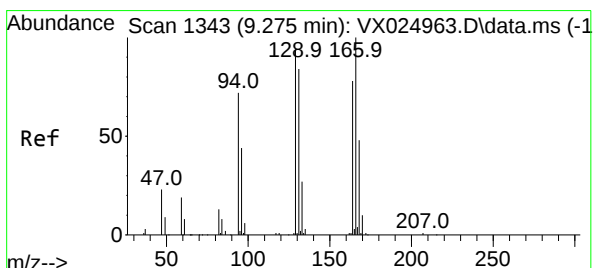
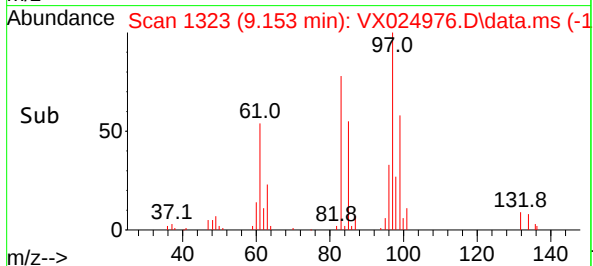
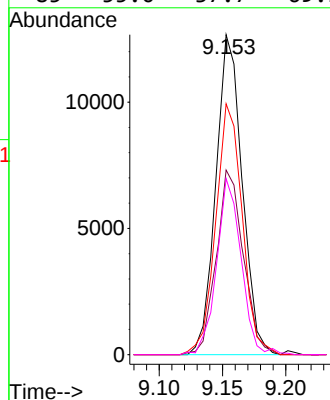
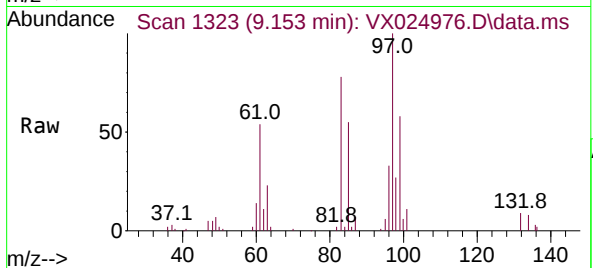
85 55.0 37.7 69.9

Instrument :

MSVOA_X

ClientSampleId :

VSTD005694



#47

Tetrachloroethene

Concen: 5.323 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

Tgt Ion:164 Resp: 21110

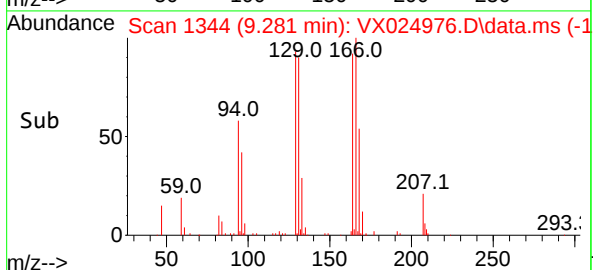
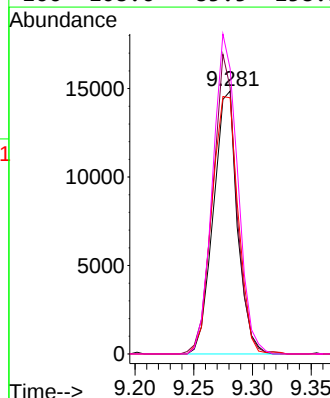
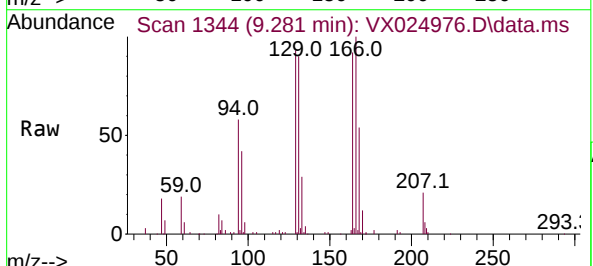
Ion Ratio Lower Upper

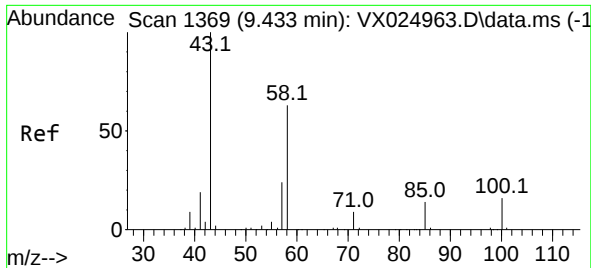
164 100

129 101.3 81.8 152.0

131 97.4 82.9 153.9

166 108.6 85.5 158.9

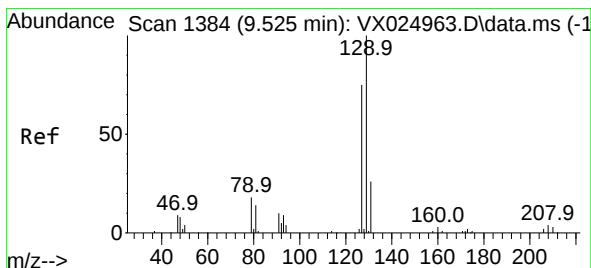
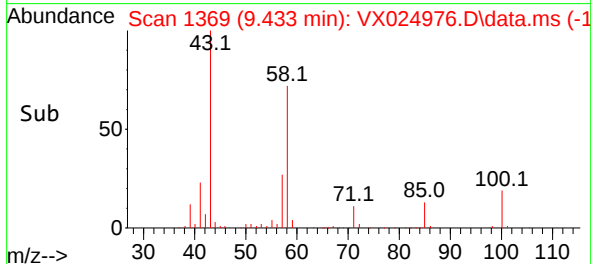
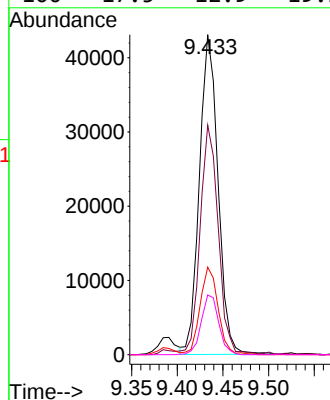
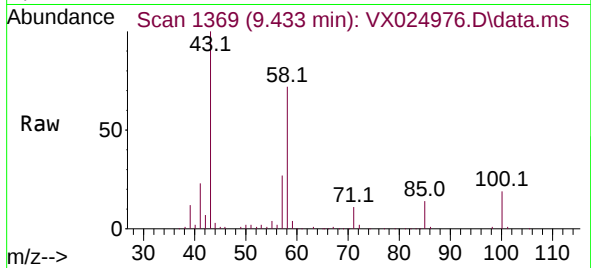




#48
2-Hexanone
Concen: 44.086 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

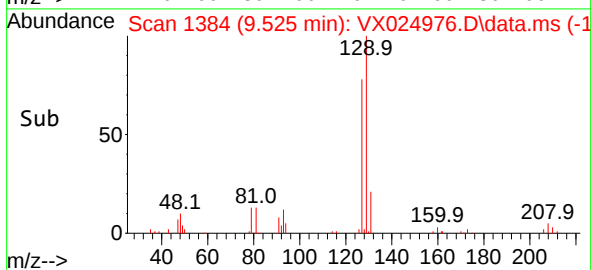
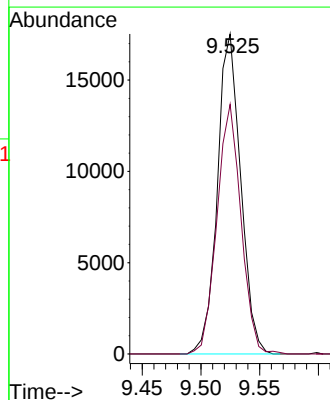
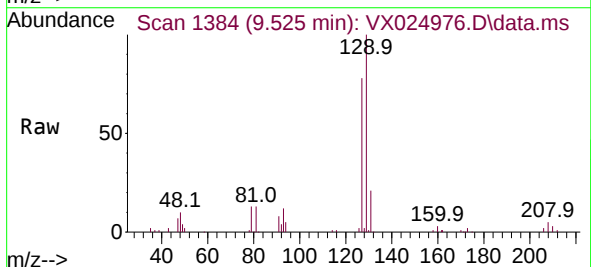
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

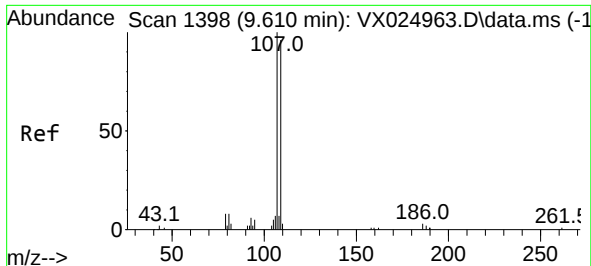
Tgt Ion:	43	Resp:	61097
Ion	Ratio	Lower	Upper
43	100		
58	68.7	52.7	79.1
57	26.6	21.2	31.8
100	17.5	12.9	19.3



#49
Dibromochloromethane
Concen: 5.414 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:	129	Resp:	24247
Ion	Ratio	Lower	Upper
129	100		
127	78.0	52.5	97.5

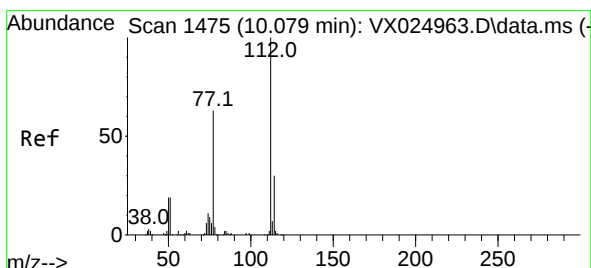
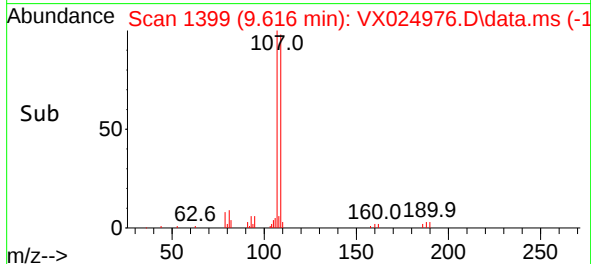
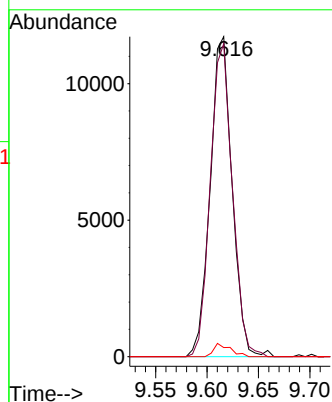
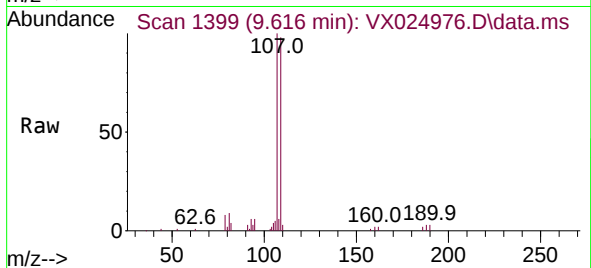




#50
1,2-Dibromoethane
Concen: 5.069 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

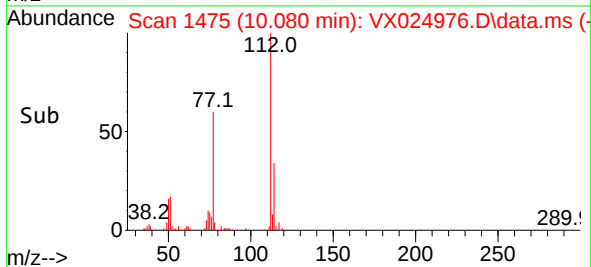
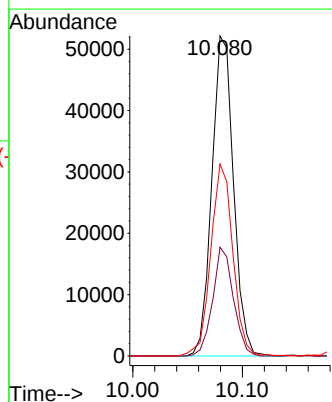
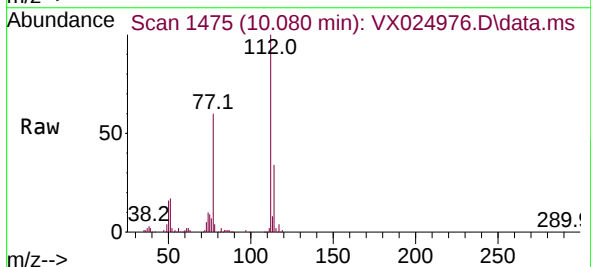
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

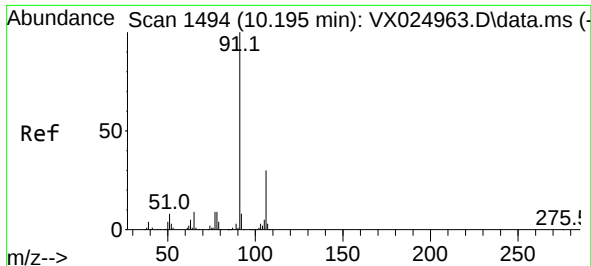
Tgt Ion:	107	Resp:	17407
Ion	Ratio	Lower	Upper
107	100		
109	97.8	61.7	114.7
188	2.8	2.6	4.0



#51
Chlorobenzene
Concen: 5.529 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:	112	Resp:	71577
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.8	42.4
77	60.0	52.7	79.1

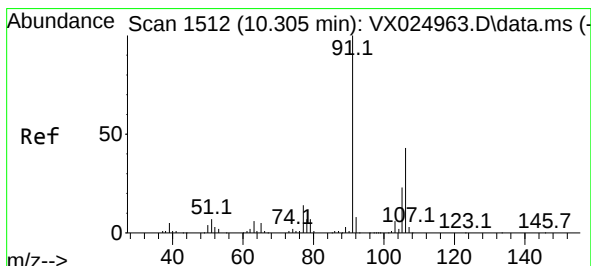
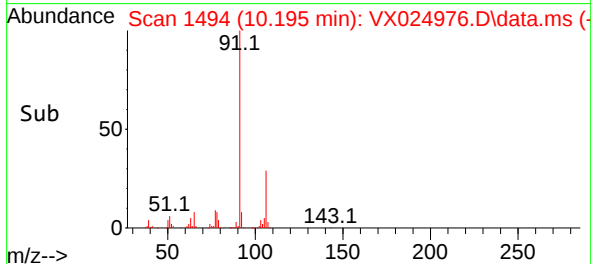
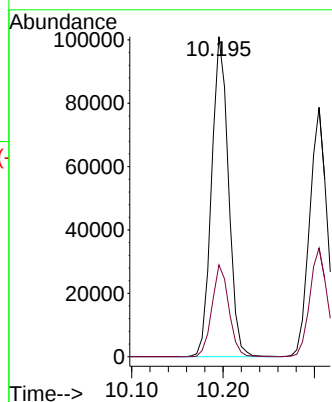
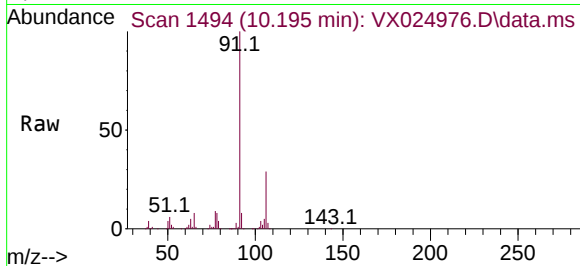




#52
Ethylbenzene
Concen: 5.364 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

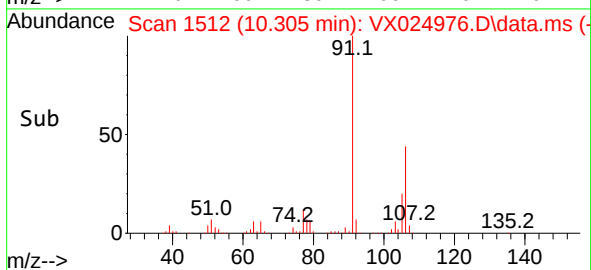
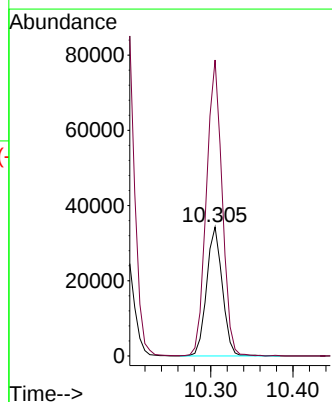
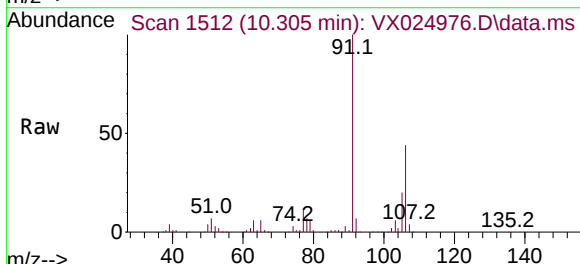
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

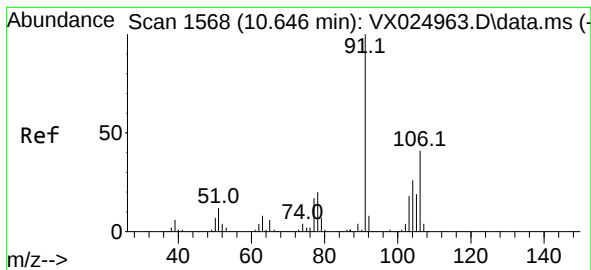
Tgt Ion: 91 Resp: 129061
Ion Ratio Lower Upper
91 100
106 28.6 20.1 37.3



#53
m,p-xylene
Concen: 5.345 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 106 Resp: 45614
Ion Ratio Lower Upper
106 100
91 229.4 161.7 300.3

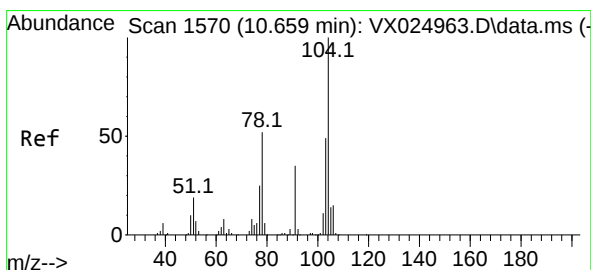
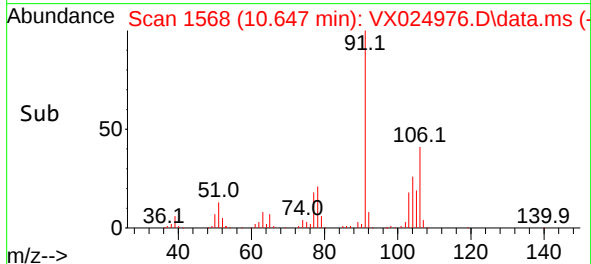
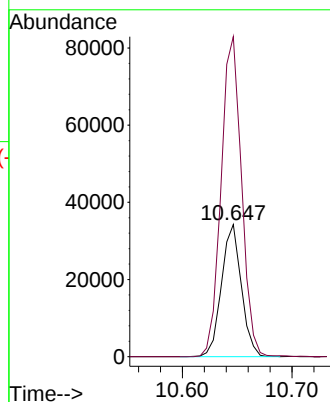
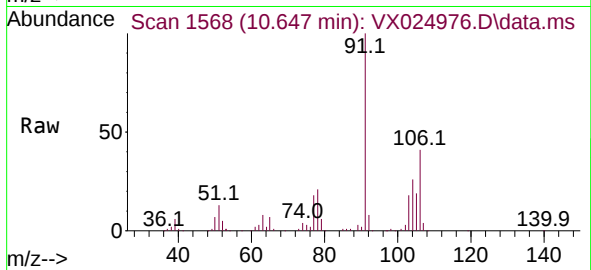




#54
o-xylene
Concen: 5.180 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

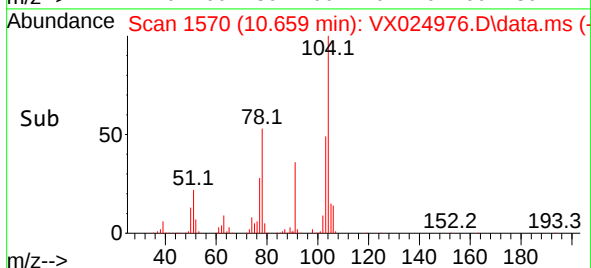
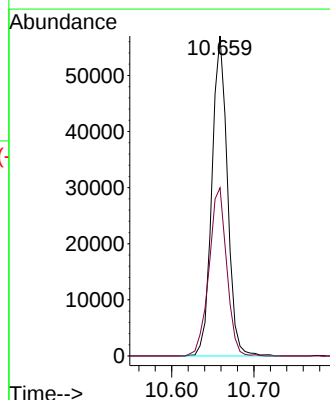
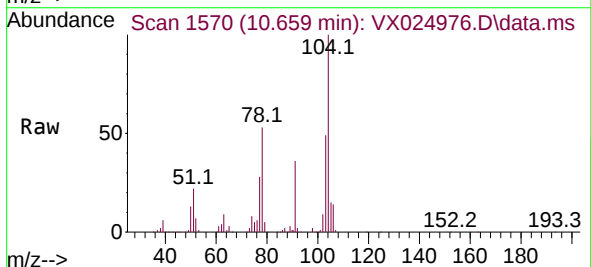
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

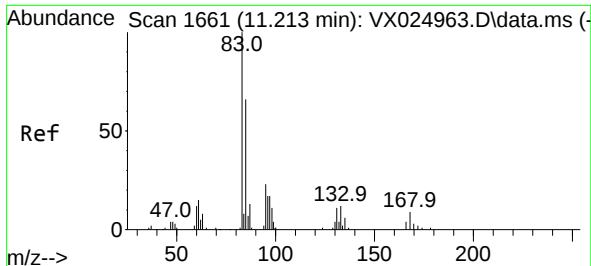
Tgt Ion:106 Resp: 43101
Ion Ratio Lower Upper
106 100
91 242.2 172.9 321.1



#55
Styrene
Concen: 5.353 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:104 Resp: 74752
Ion Ratio Lower Upper
104 100
78 52.6 37.1 68.9

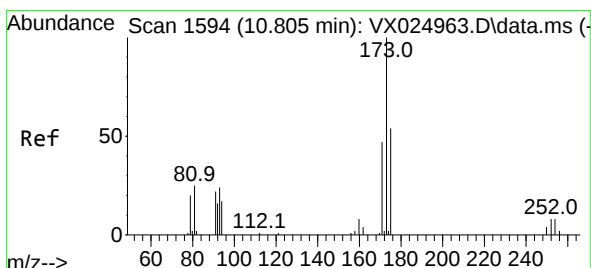
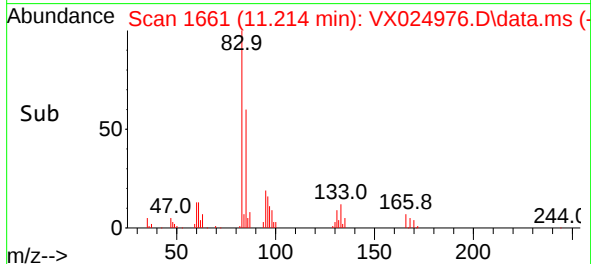
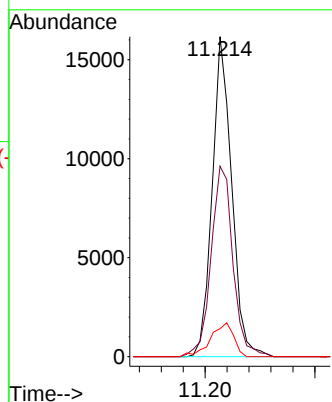
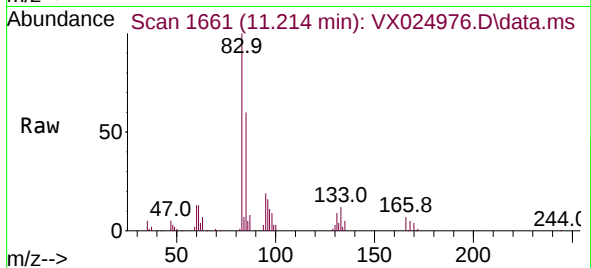




#57
1,1,2,2-Tetrachloroethane
Concen: 5.032 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

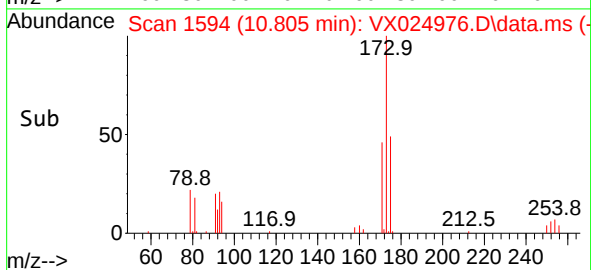
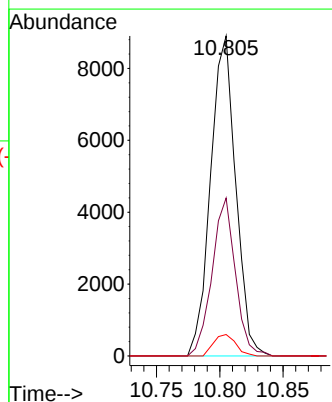
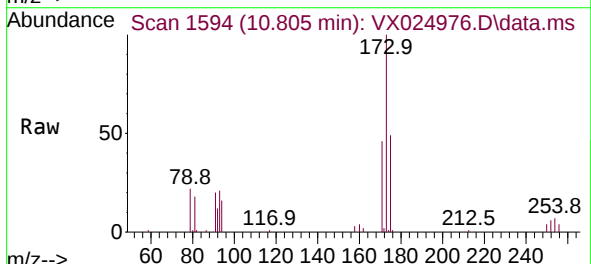
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

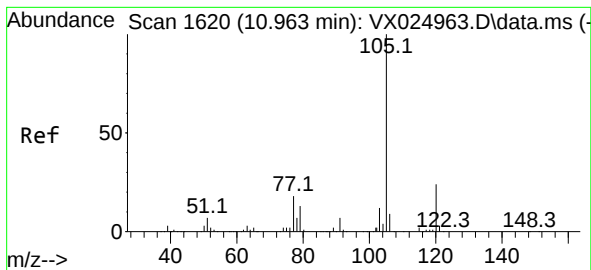
Tgt Ion:	83	Resp:	19907
Ion	Ratio	Lower	Upper
83	100		
85	59.5	44.9	83.5
131	8.7	7.7	11.5



#59
Bromoform
Concen: 5.422 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:	173	Resp:	12294
Ion	Ratio	Lower	Upper
173	100		
175	45.9	38.4	57.6
254	5.9	4.6	7.0





#60

Isopropylbenzene

Concen: 5.075 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

Tgt Ion:105 Resp: 132218

Ion Ratio Lower Upper

105 100

120 24.1 19.0 28.6

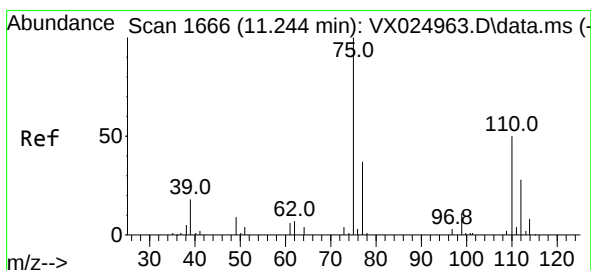
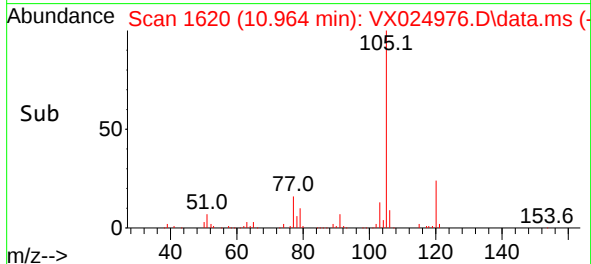
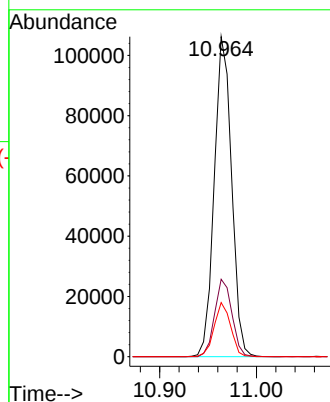
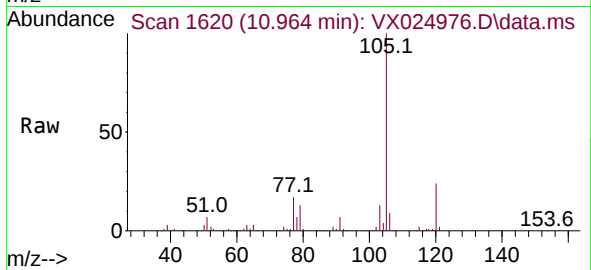
77 16.1 13.7 20.5

Instrument :

MSVOA_X

ClientSampleId :

VSTD005694



#61

1,2,3-Trichloropropane

Concen: 4.718 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VX024976.D

Acq: 27 Oct 2021 15:35

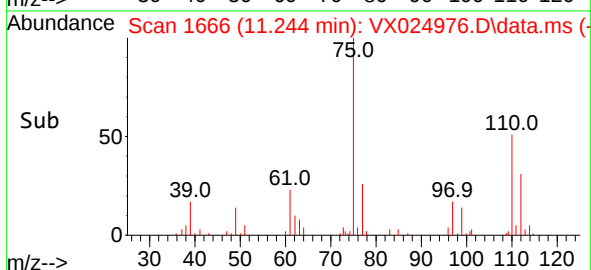
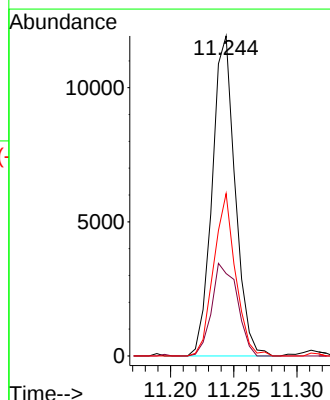
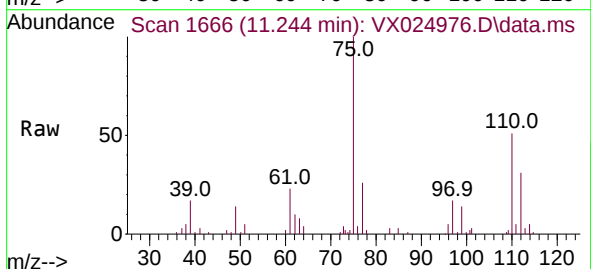
Tgt Ion: 75 Resp: 15058

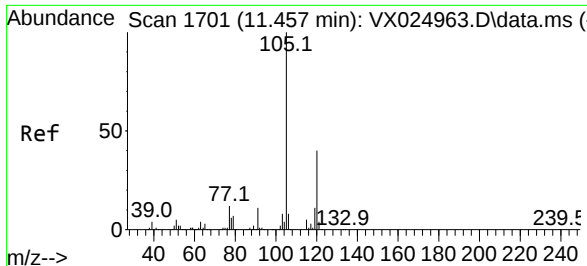
Ion Ratio Lower Upper

75 100

77 32.0 28.1 42.1

110 48.2 34.7 52.1

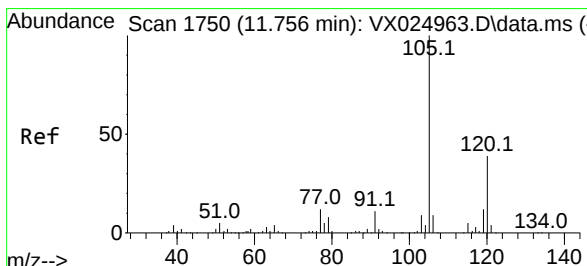
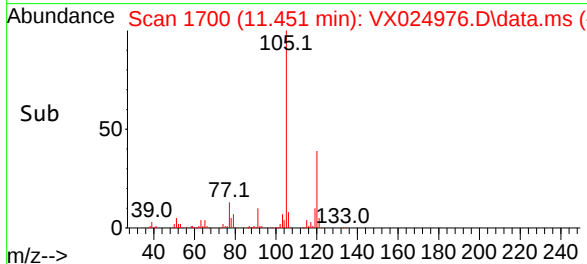
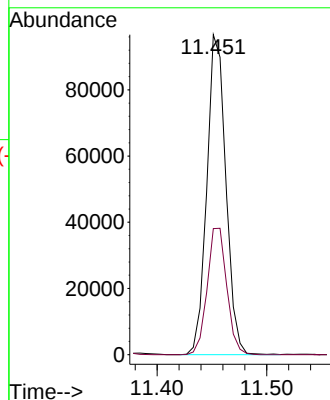
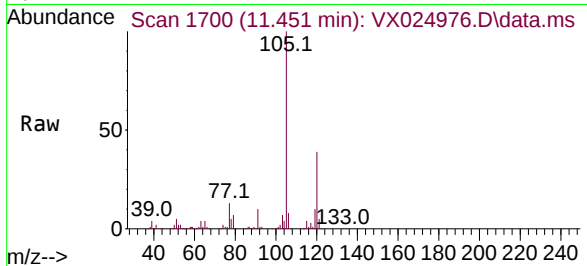




#62
1,3,5-Trimethylbenzene
Concen: 5.120 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

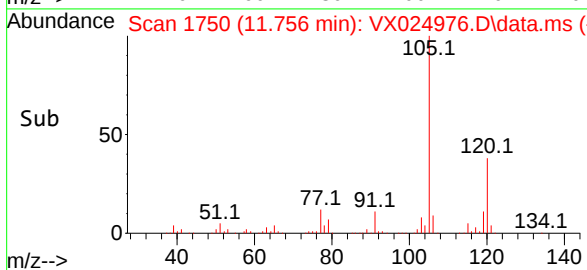
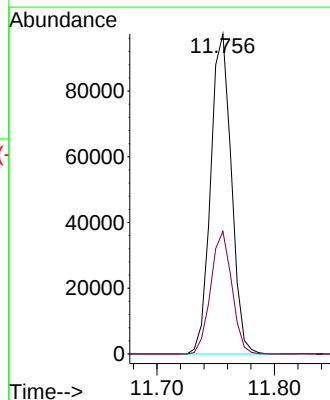
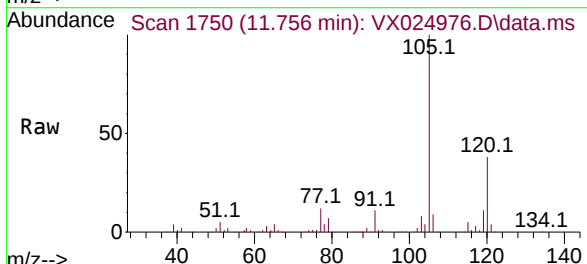
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

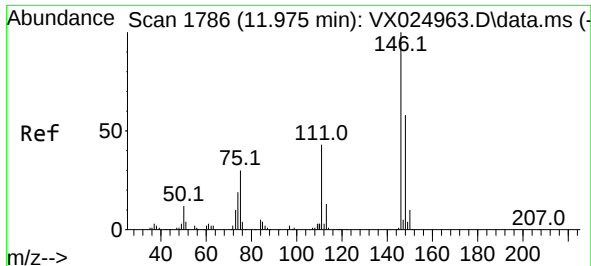
Tgt Ion:105 Resp: 116457
Ion Ratio Lower Upper
105 100
120 40.8 33.6 50.4



#63
1,2,4-Trimethylbenzene
Concen: 5.103 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:105 Resp: 118897
Ion Ratio Lower Upper
105 100
120 39.0 32.3 48.5

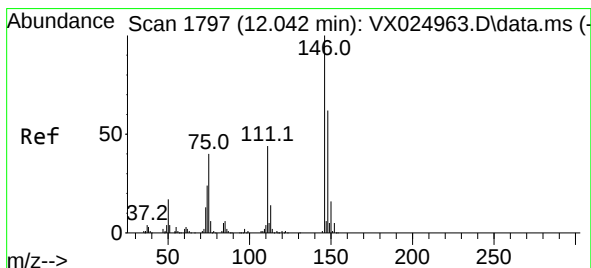
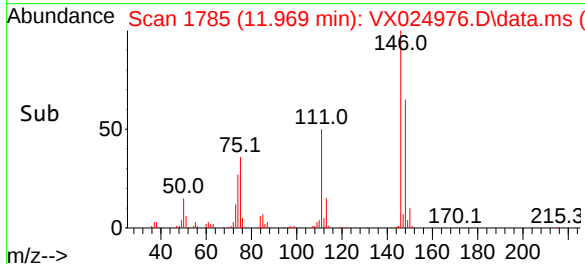
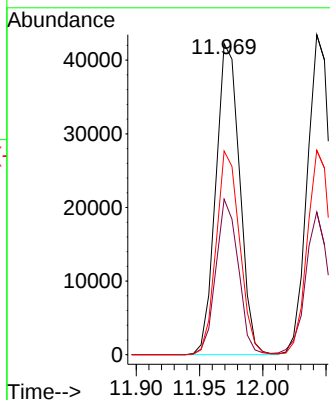
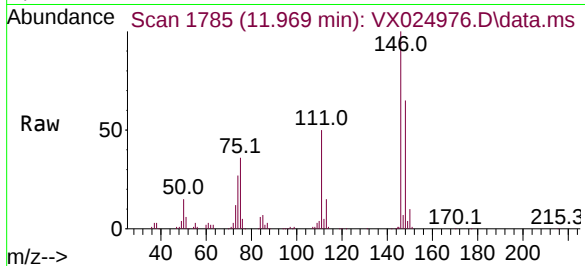




#64
1,3-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

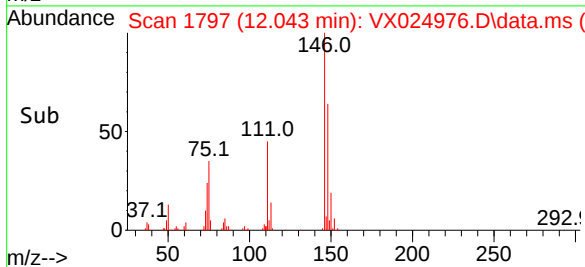
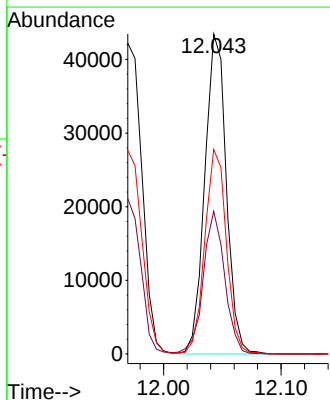
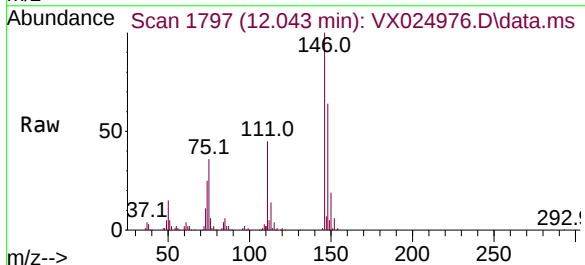
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

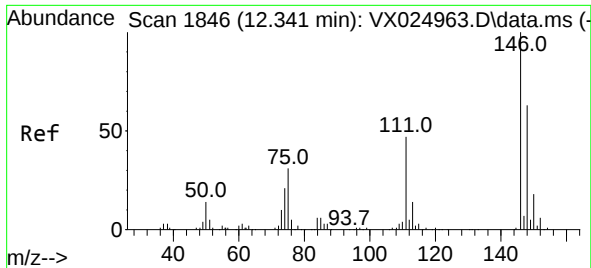
Tgt Ion:146 Resp: 55395
Ion Ratio Lower Upper
146 100
111 50.0 34.2 63.4
148 65.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.097 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:146 Resp: 55384
Ion Ratio Lower Upper
146 100
111 44.6 32.6 60.6
148 63.9 43.3 80.3

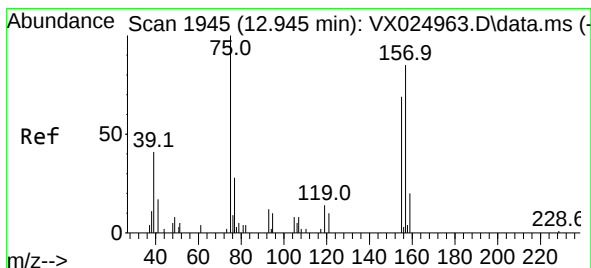
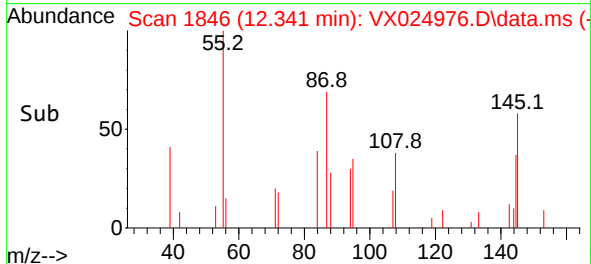
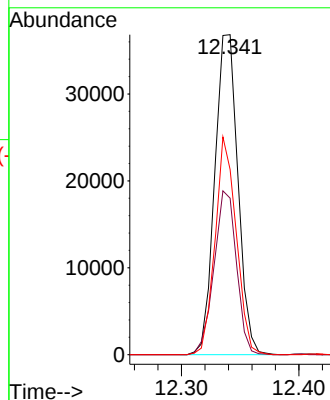
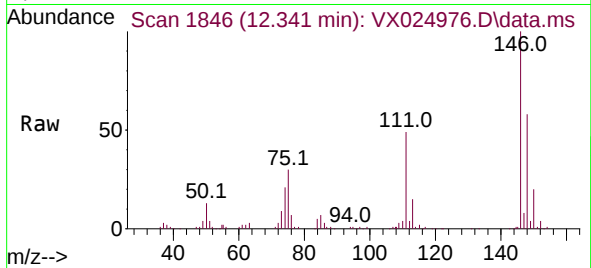




#67
1,2-Dichlorobenzene
Concen: 5.070 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

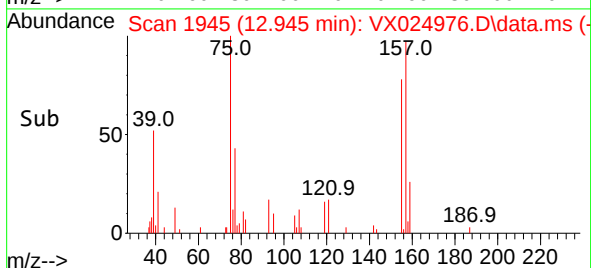
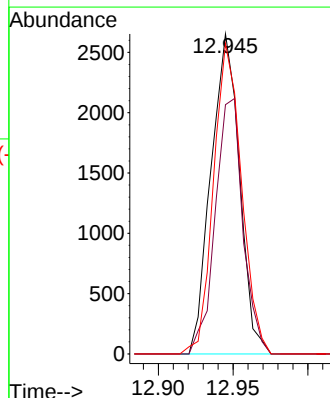
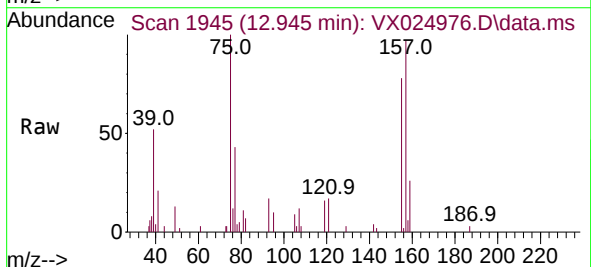
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

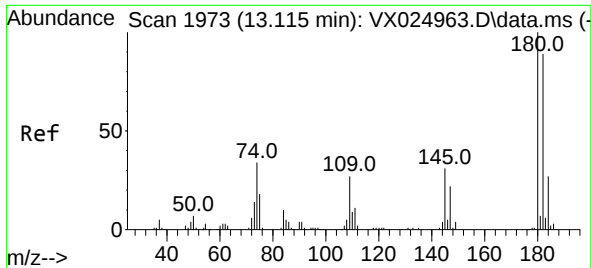
Tgt Ion:146 Resp: 50511
Ion Ratio Lower Upper
146 100
111 48.9 35.9 53.9
148 57.9 53.1 79.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.530 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion: 75 Resp: 3519
Ion Ratio Lower Upper
75 100
155 77.9 53.6 80.4
157 97.0 82.2 123.4

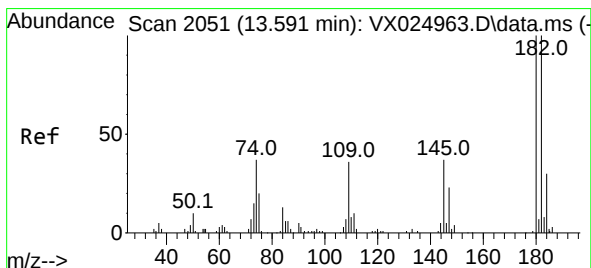
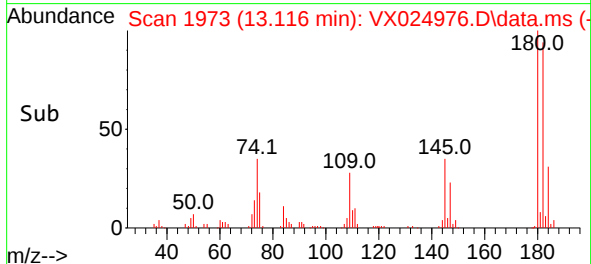
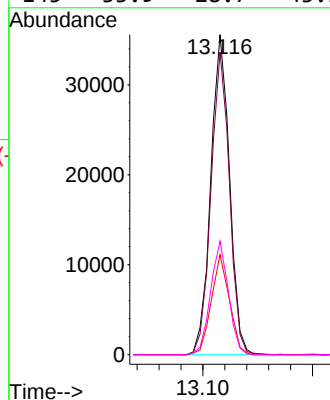
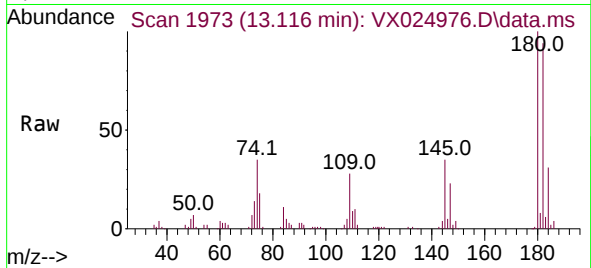




#69
1,3,5-Trichlorobenzene
Concen: 5.119 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

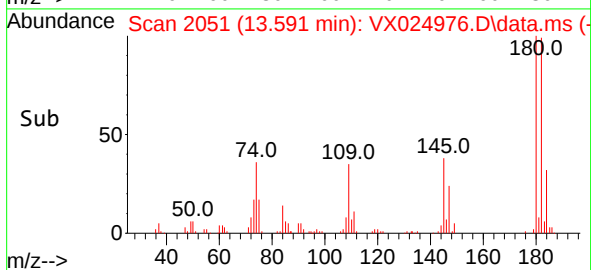
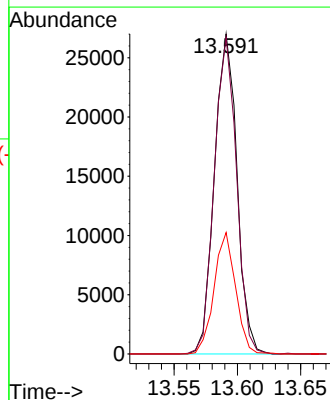
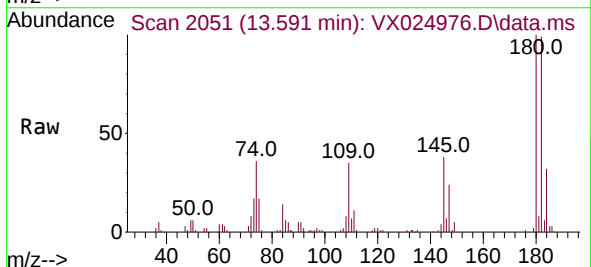
Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

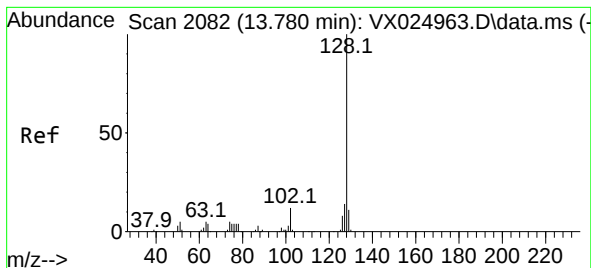
Tgt Ion:180 Resp: 42230
Ion Ratio Lower Upper
180 100
182 92.8 74.6 111.8
184 30.1 24.0 36.0
145 33.9 28.7 43.1



#70
1,2,4-trichlorobenzene
Concen: 5.121 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:180 Resp: 33414
Ion Ratio Lower Upper
180 100
182 97.3 72.1 108.1
145 36.4 27.1 40.7

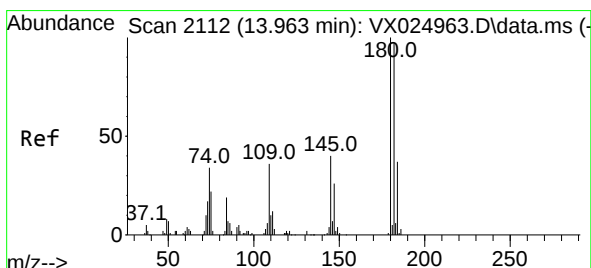
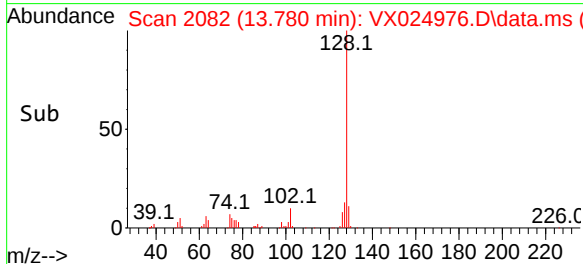
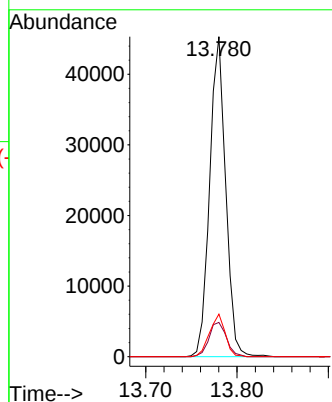
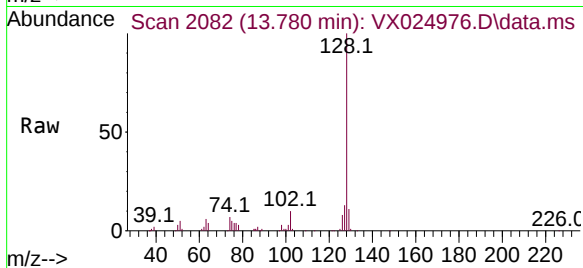




#71
Naphthalene
Concen: 4.678 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :
VSTD005694

Tgt Ion:	128	Resp:	54998
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.7	14.5
127	13.0	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.054 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX024976.D
Acq: 27 Oct 2021 15:35

Tgt Ion:	180	Resp:	29661
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.1	115.7
145	38.4	29.4	44.0

