

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024583.D
 Acq On : 05 Oct 2021 19:57
 Operator : JC/MD
 Sample : PB139613TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB139613TB

Quant Time: Oct 06 06:50:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

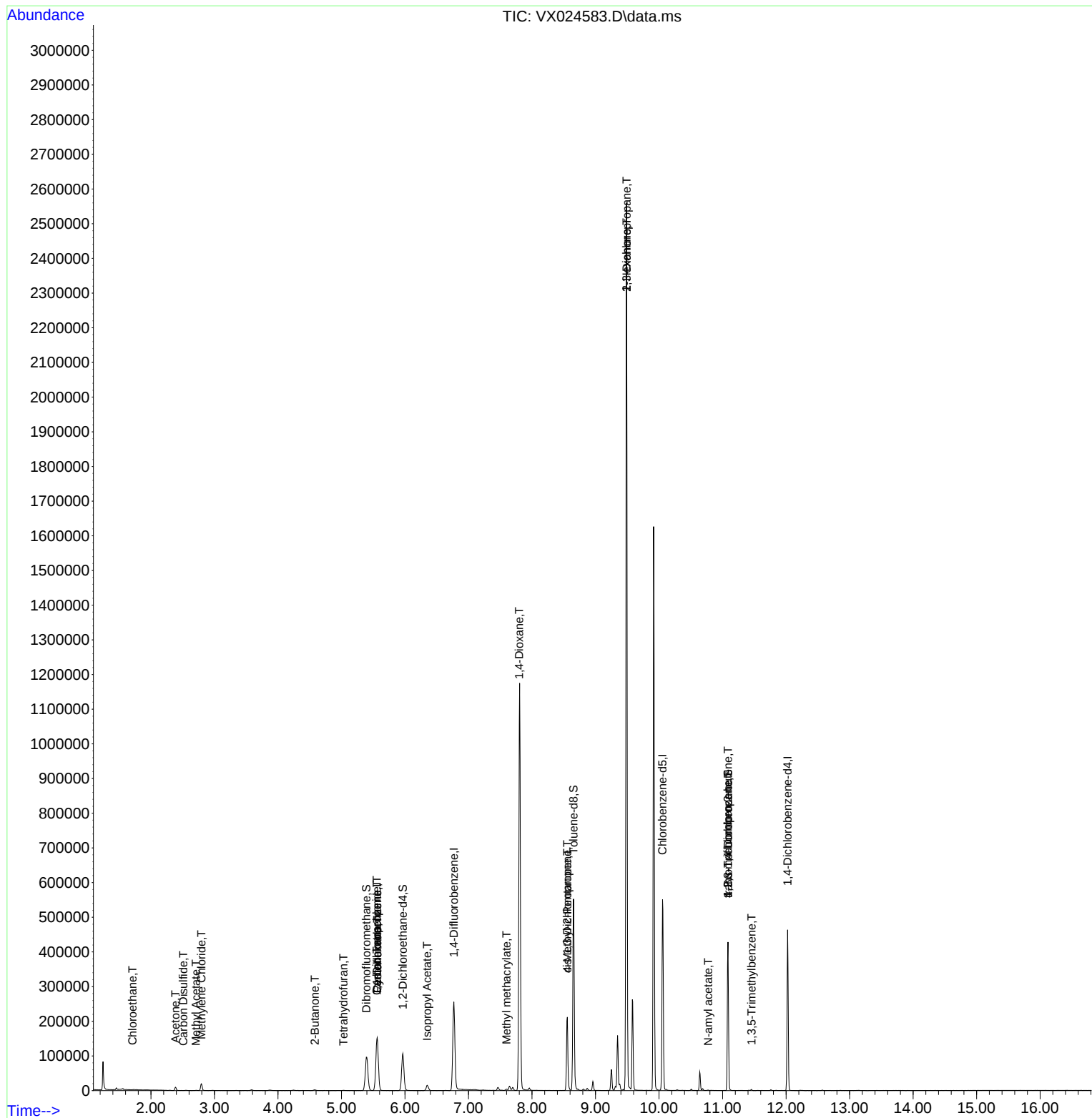
Internal Standards						
1) Pentafluorobenzene	5.562	168	142210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104592	52.184	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.360%	
35) Dibromofluoromethane	5.391	113	86206	50.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.653	98	321011	51.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	11.085	95	111310	45.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.000%	
Target Compounds						Qvalue
6) Chloroethane	1.709	64	235	0.507	ug/l #	43
11) Tert butyl alcohol	2.971	59	730	Below Cal	#	73
16) Acetone	2.386	43	10273	2.091	ug/l	92
17) Carbon Disulfide	2.508	76	70	0.248	ug/l #	75
18) Methyl Acetate	2.709	43	1319	0.439	ug/l #	67
20) Methylene Chloride	2.794	84	8678	4.751	ug/l	89
25) 2-Butanone	4.580	43	3930	2.847	ug/l	96
29) Tetrahydrofuran	5.031	42	756	0.860	ug/l #	32
31) Cyclohexane	5.562	56	2659	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10822	4.437	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14961	5.634	ug/l #	16
43) Isopropyl Acetate	6.348	43	20501	4.428	ug/l	94
48) Methyl methacrylate	7.598	41	5577	2.433	ug/l #	10
49) 1,4-Dioxane	7.799	88	151	2.876	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	72220	23.627	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	32405	11.370	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	21137	6.724	ug/l #	42
59) 2-Hexanone	9.488	43	291799	121.222	ug/l #	44
74) N-amyl acetate	10.774	43	974	0.321	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	58655	27.697	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1560	0.277	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	58655	75.319	ug/l #	12

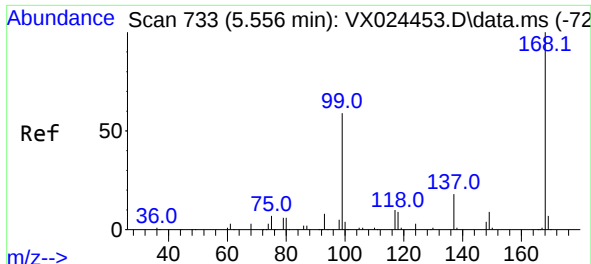
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
Data File : VX024583.D
Acq On : 05 Oct 2021 19:57
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Sample : PB139613TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

Quant Time: Oct 06 06:50:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

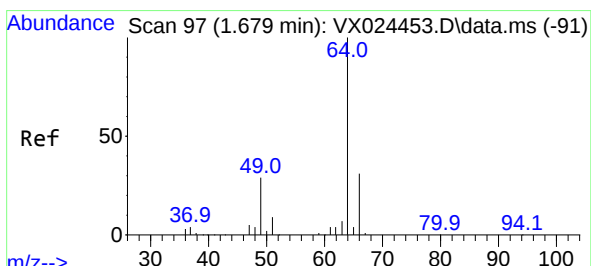
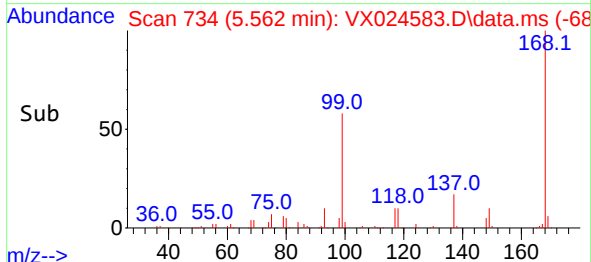
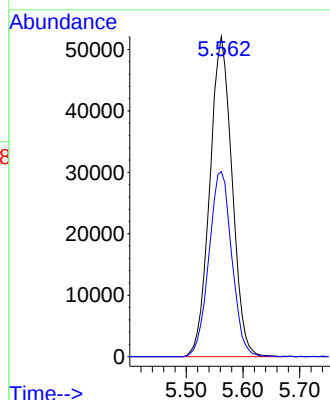
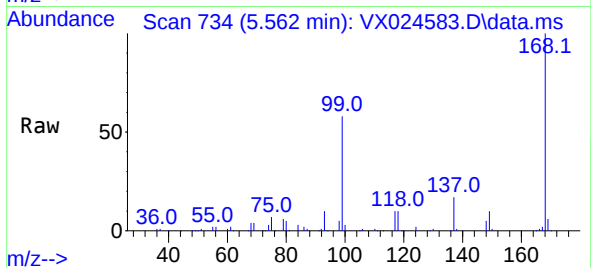




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

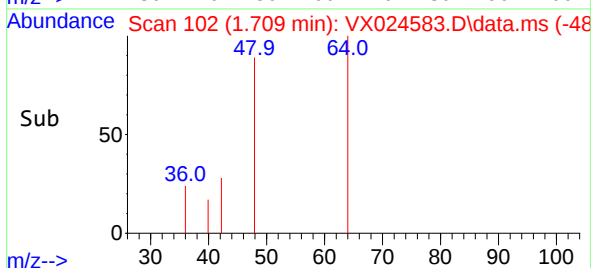
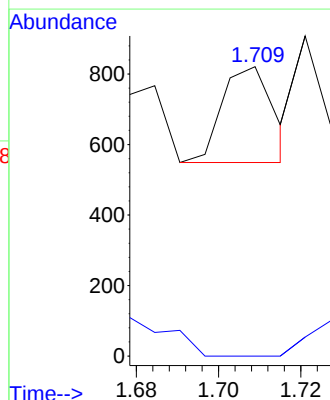
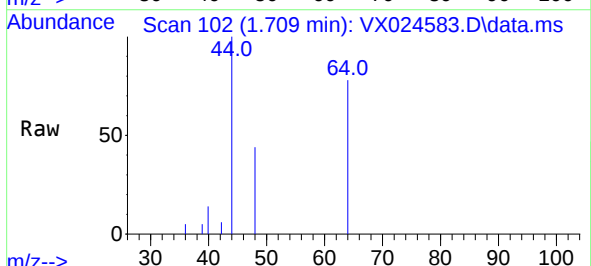
Instrument :
MSVOA_X
ClientSampled :
PB139613TB

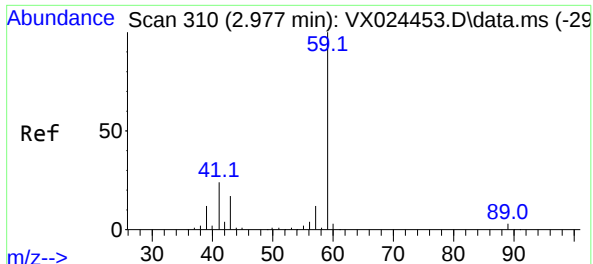
Tgt Ion:168 Resp: 142210
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 64 Resp: 235
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



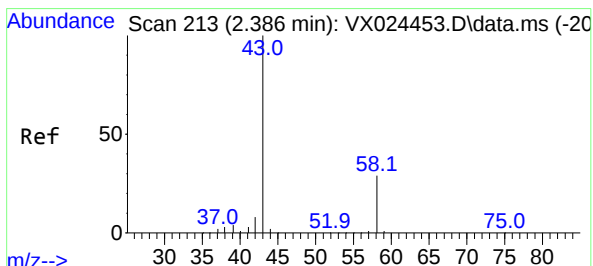
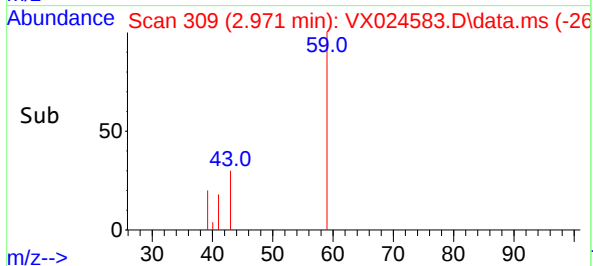
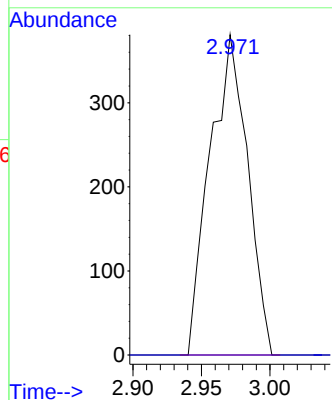
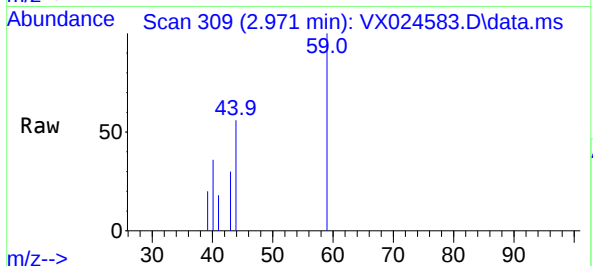


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

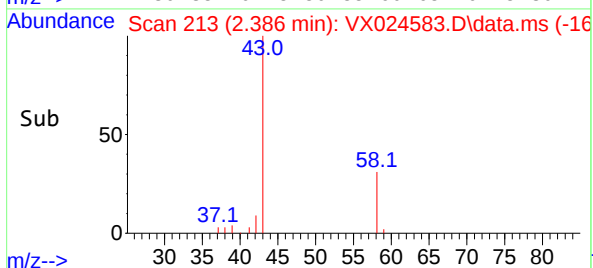
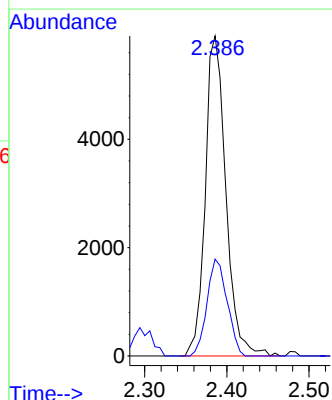
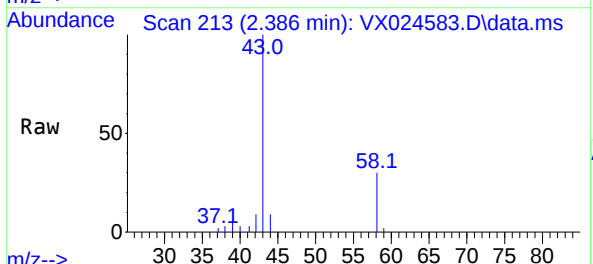
Tgt Ion: 59 Resp: 730
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

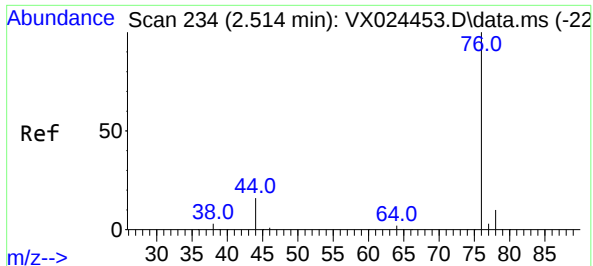


#16

Acetone
Concen: 2.091 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 43 Resp: 10273
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8

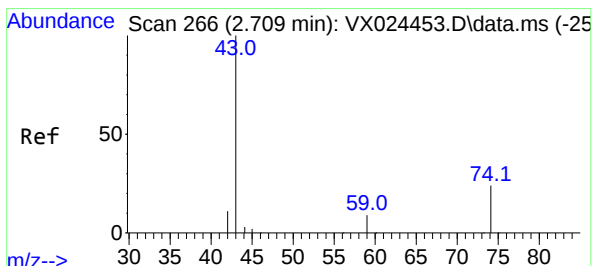
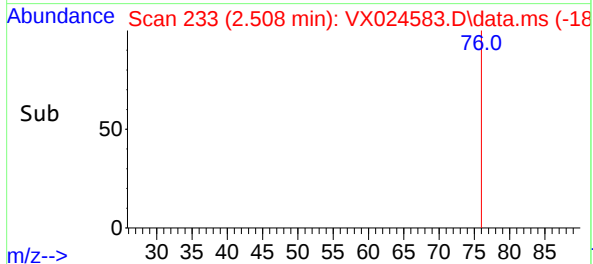
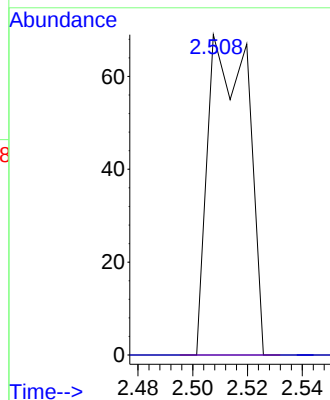
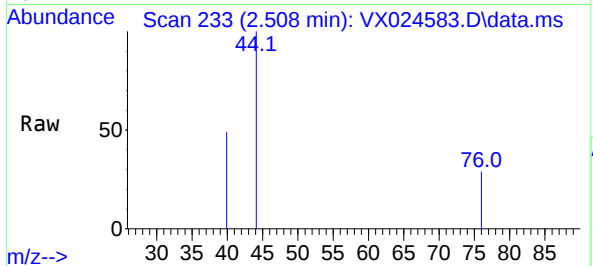




#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

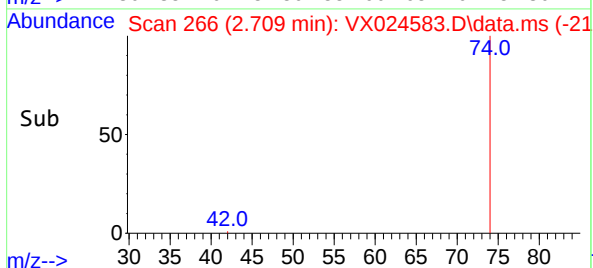
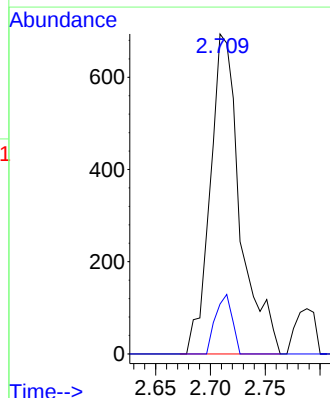
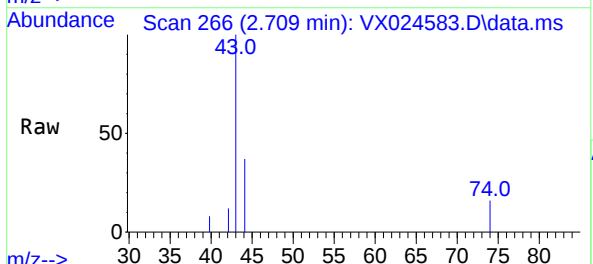
Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

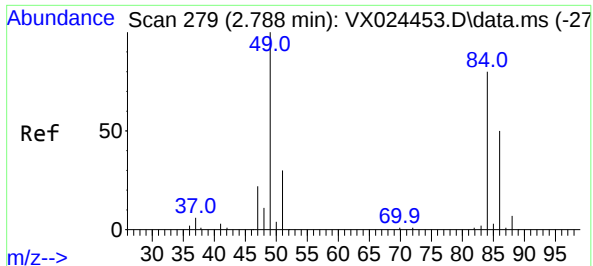
Tgt Ion: 76 Resp: 70
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.439 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
74 10.3 21.9 32.9#





#20

Methylene Chloride

Concen: 4.751 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024583.D

Acq: 05 Oct 2021 19:57

Tgt Ion: 84 Resp: 8678

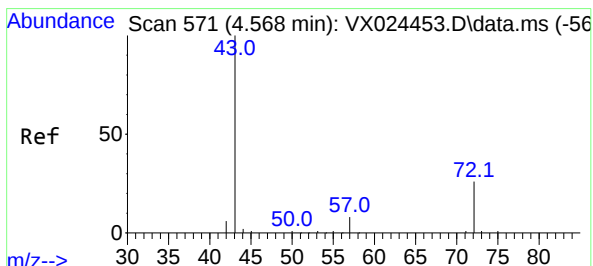
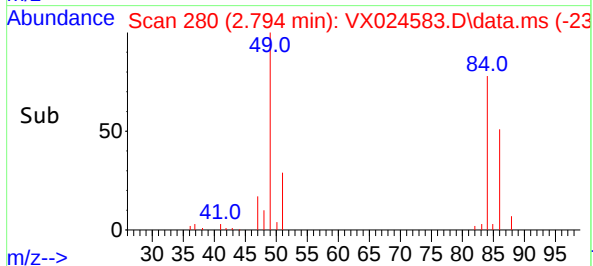
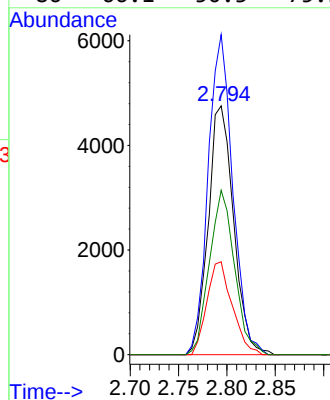
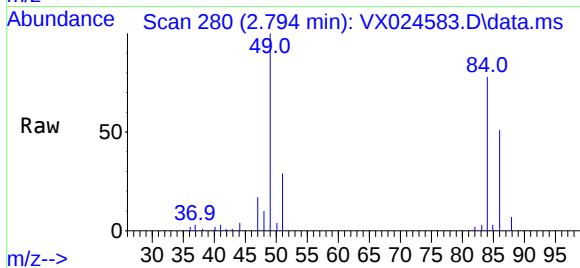
Ion Ratio Lower Upper

84 100

49 128.6 88.6 132.8

51 37.4 27.0 40.6

86 66.1 50.3 75.5



#25

2-Butanone

Concen: 2.847 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024583.D

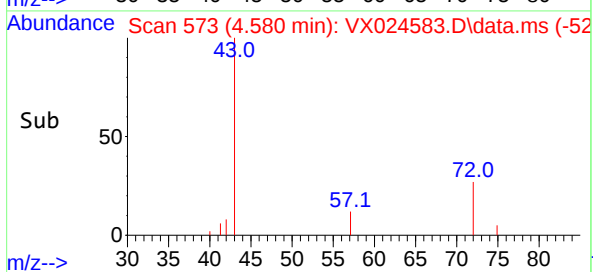
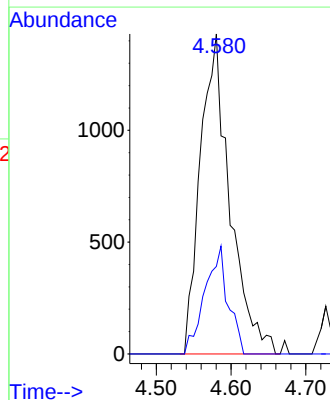
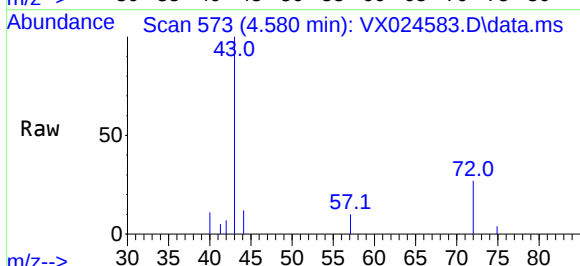
Acq: 05 Oct 2021 19:57

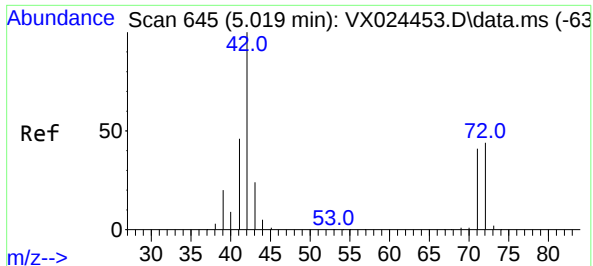
Tgt Ion: 43 Resp: 3930

Ion Ratio Lower Upper

43 100

72 27.3 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.860 ug/l

RT: 5.031 min Scan# 647

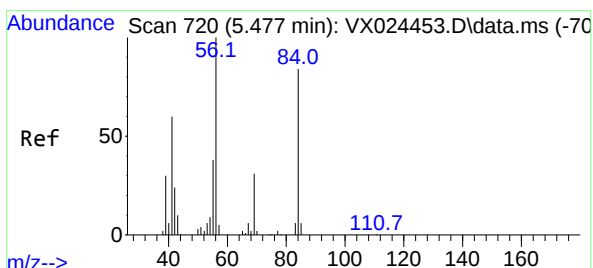
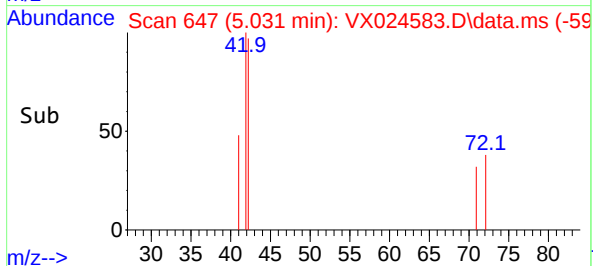
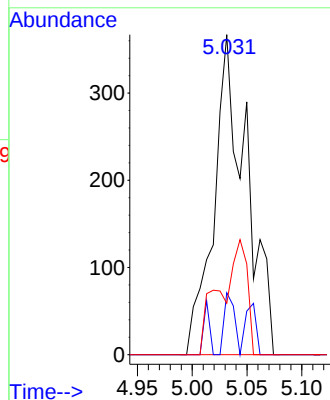
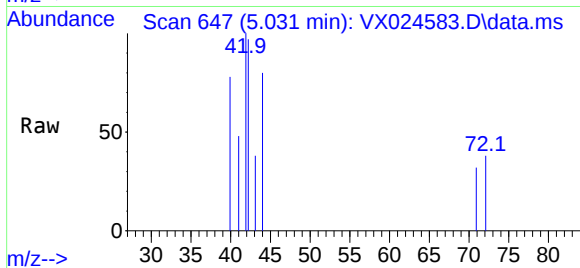
Delta R.T. 0.012 min

Lab File: VX024583.D

Acq: 05 Oct 2021 19:57

Tgt Ion:	42	Resp:	756
Ion	Ratio	Lower	Upper
42	100		
72	6.1	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
PB139613TB



#31

Cyclohexane

Concen: 1.108 ug/l

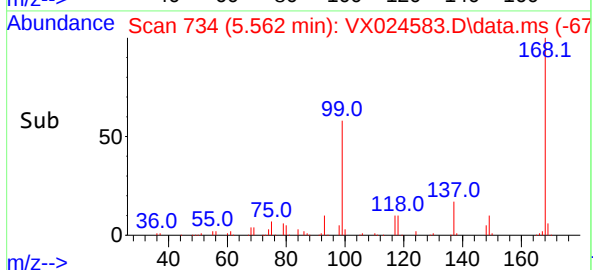
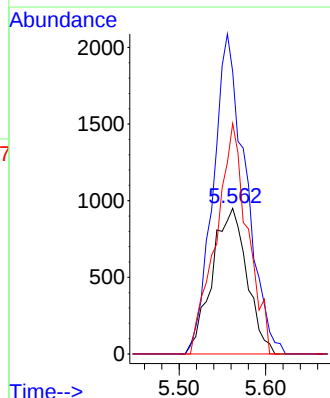
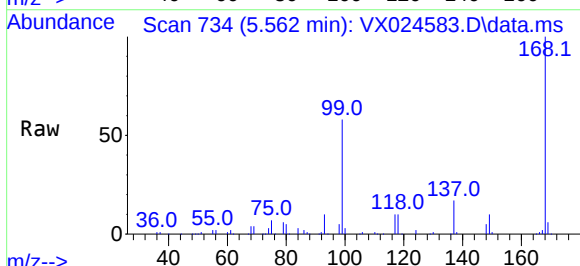
RT: 5.562 min Scan# 734

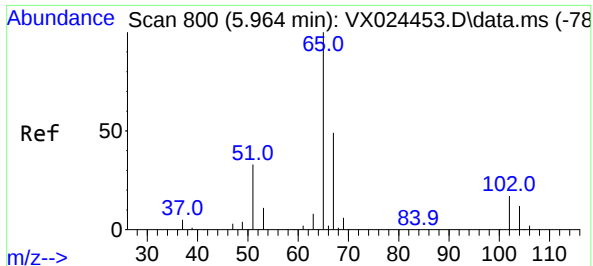
Delta R.T. 0.085 min

Lab File: VX024583.D

Acq: 05 Oct 2021 19:57

Tgt Ion:	56	Resp:	2659
Ion	Ratio	Lower	Upper
56	100		
69	194.0	25.3	37.9#
84	158.2	71.4	107.0#



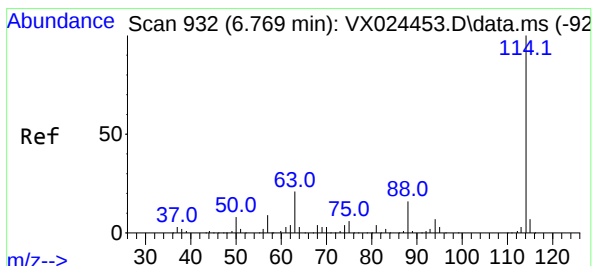
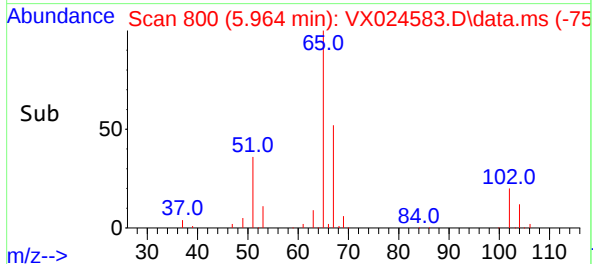
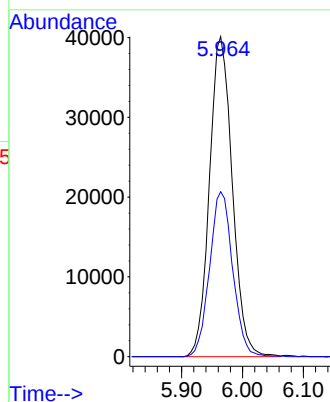
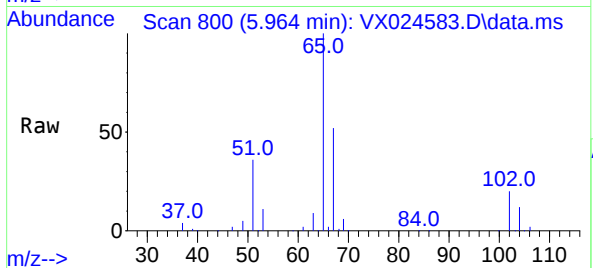


#33

1,2-Dichloroethane-d4
Concen: 52.184 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

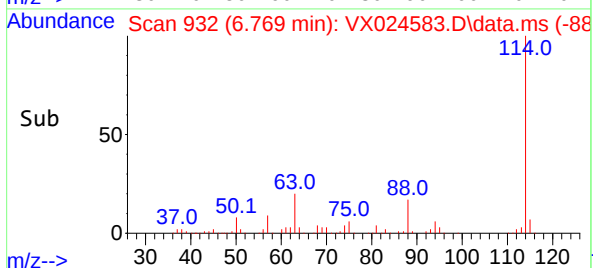
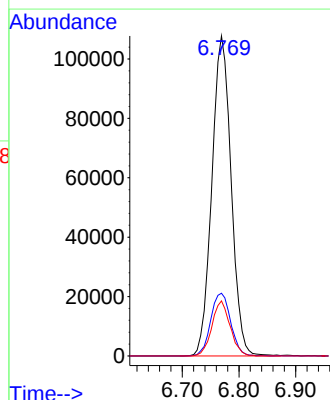
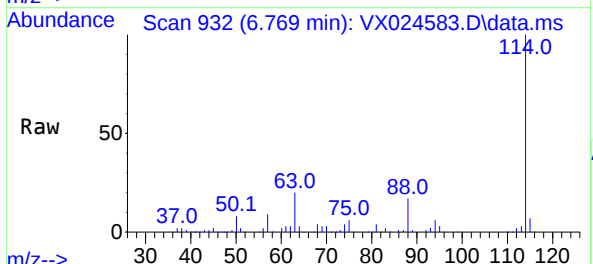
Tgt Ion: 65 Resp: 104592
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

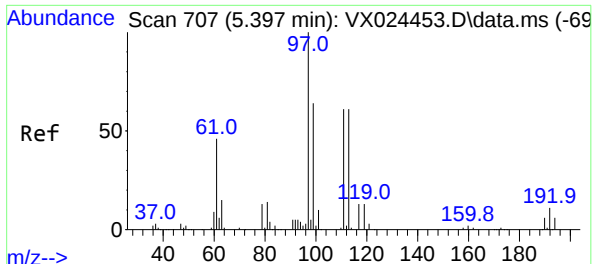


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 114 Resp: 254449
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 17.2 0.0 32.8

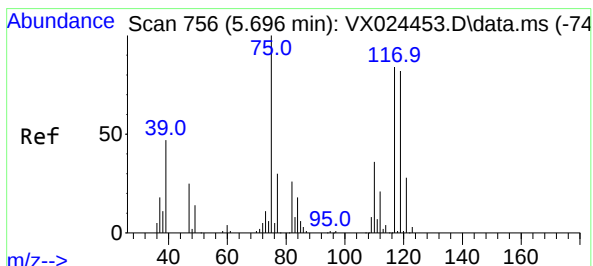
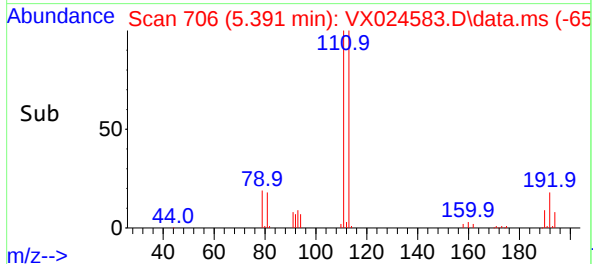
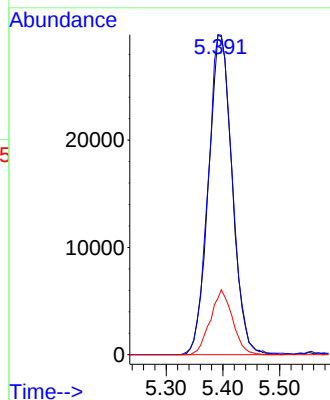
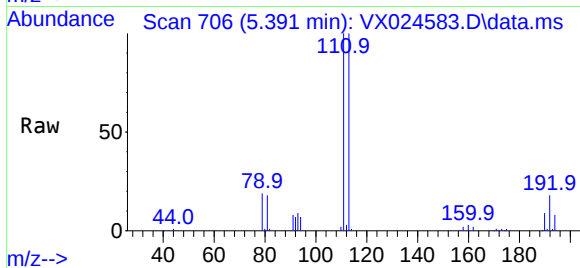




#35
Dibromofluoromethane
Concen: 50.998 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

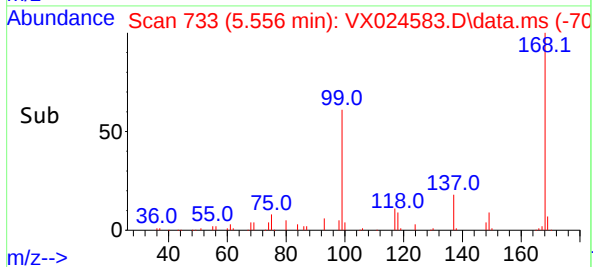
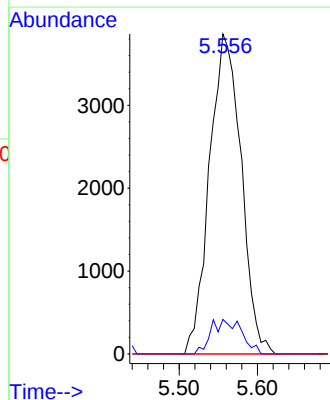
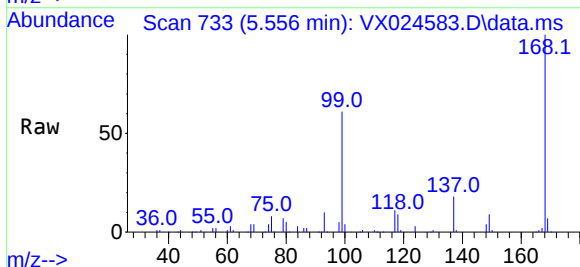
Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

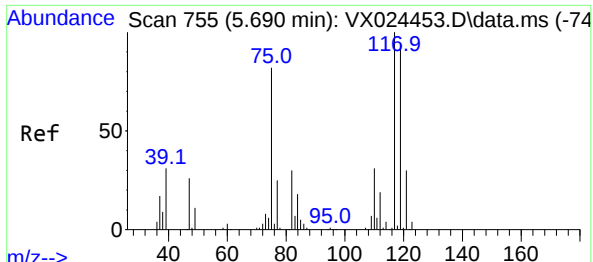
Tgt Ion:	113	Resp:	86206
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	19.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

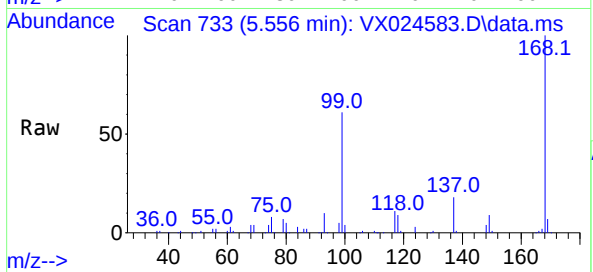
Tgt Ion:	75	Resp:	10822
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



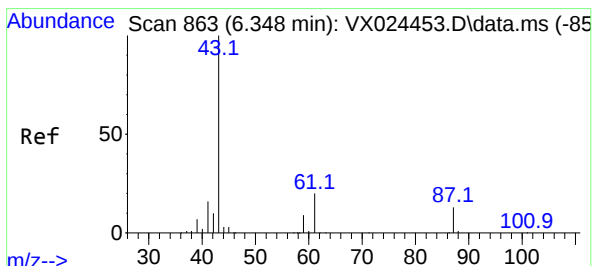
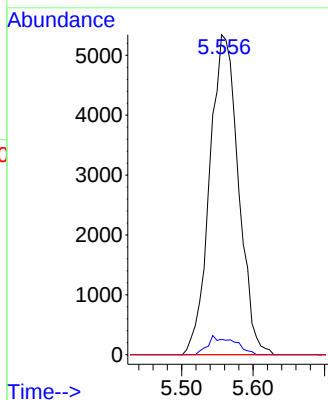
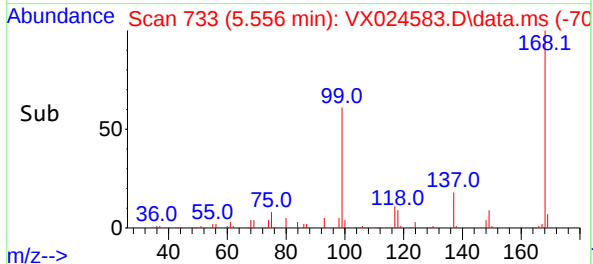


#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

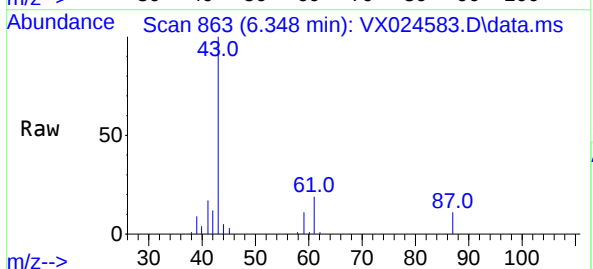
Instrument :
MSVOA_X
ClientSampleId :
PB139613TB



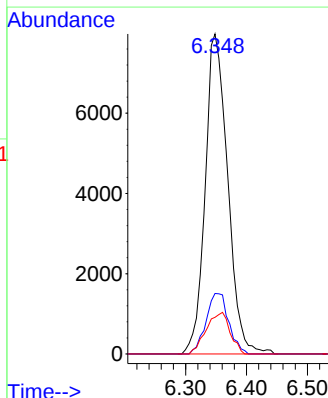
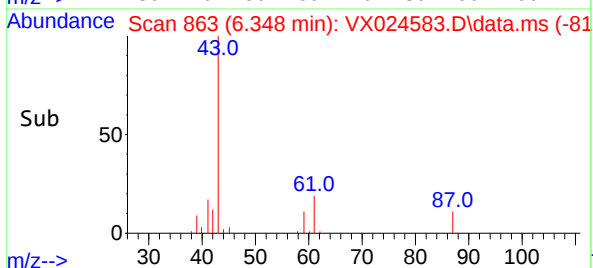
Tgt Ion:117 Resp: 14961
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

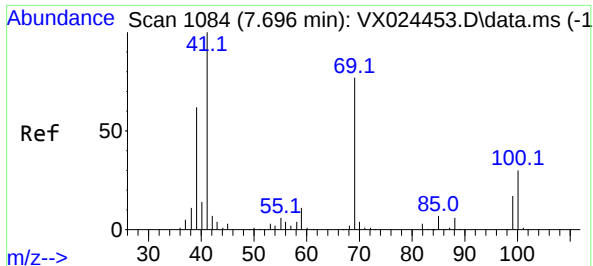


#43
Isopropyl Acetate
Concen: 4.428 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57



Tgt Ion: 43 Resp: 20501
Ion Ratio Lower Upper
43 100
61 19.0 18.2 27.4
87 13.7 12.5 18.7



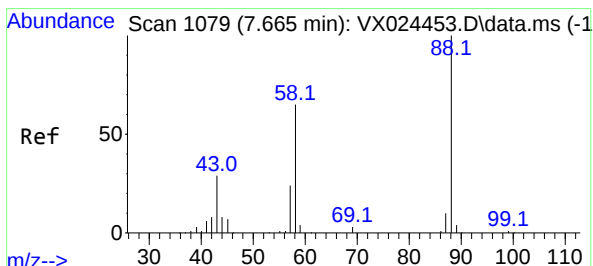
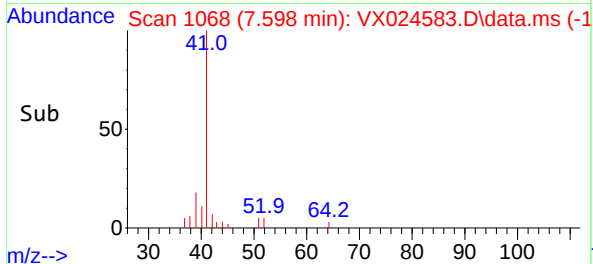
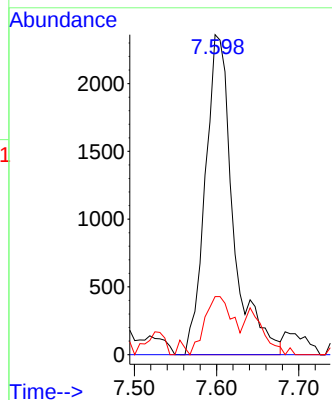
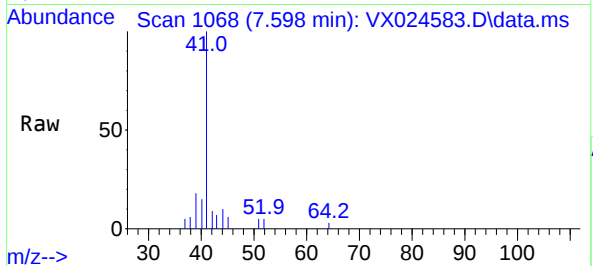


#48
Methyl methacrylate
Concen: 2.433 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

Tgt Ion: 41 Resp: 5577

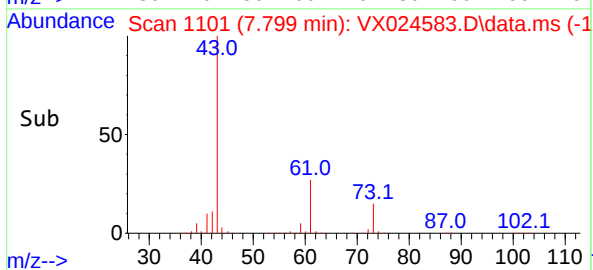
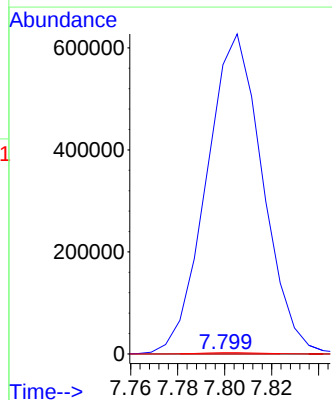
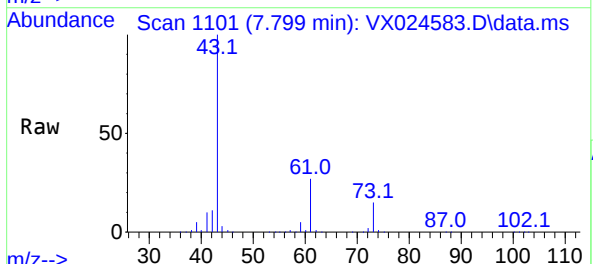
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

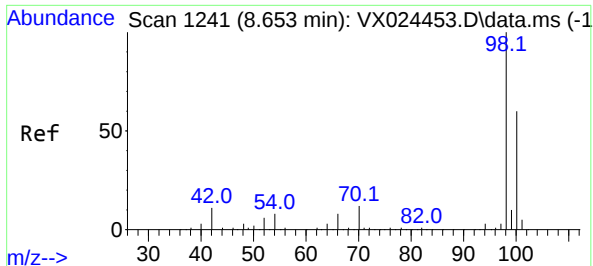


#49
1,4-Dioxane
Concen: 2.876 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
43	696670.2	23.2	34.8#
58	3053.0	55.0	82.4#

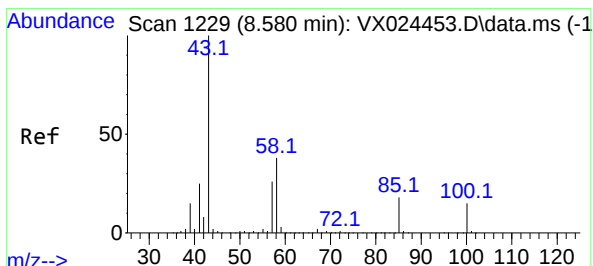
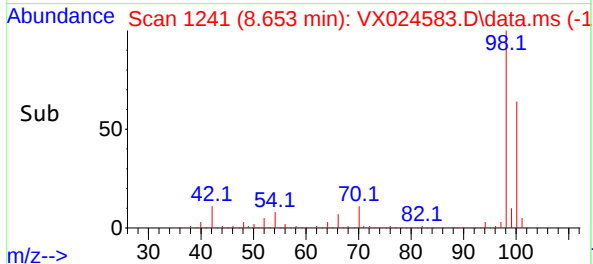
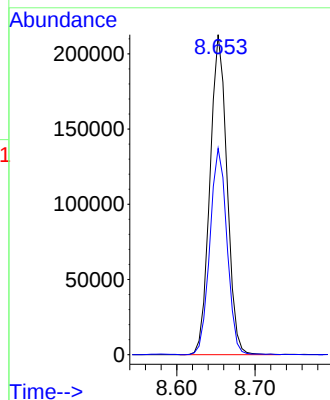
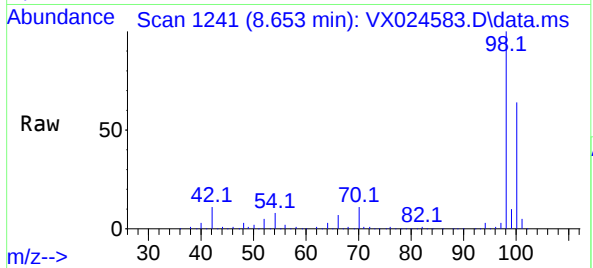




#50
Toluene-d8
Concen: 51.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

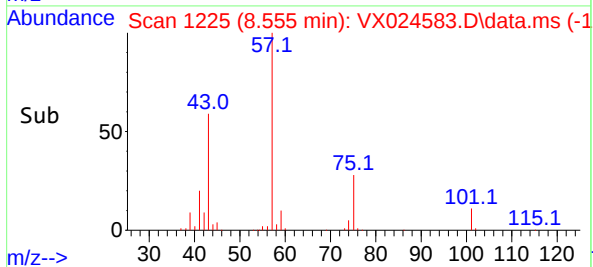
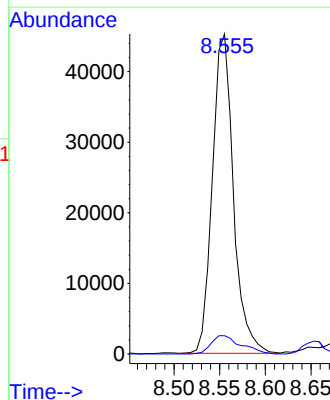
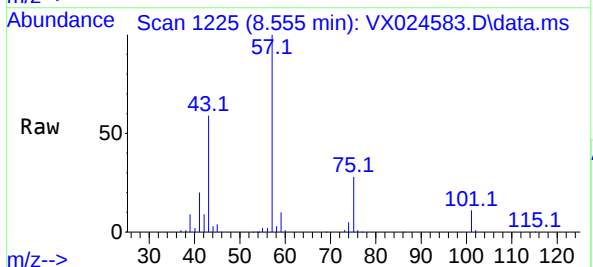
Instrument :
MSVOA_X
ClientSampled :
PB139613TB

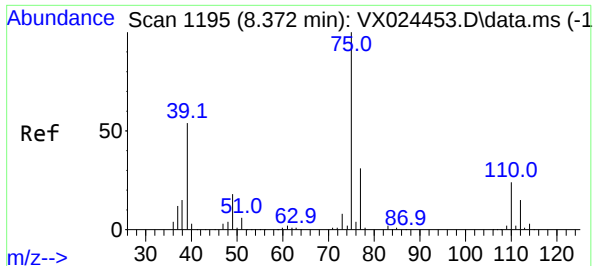
Tgt Ion: 98 Resp: 321011
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 23.627 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 43 Resp: 72220
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

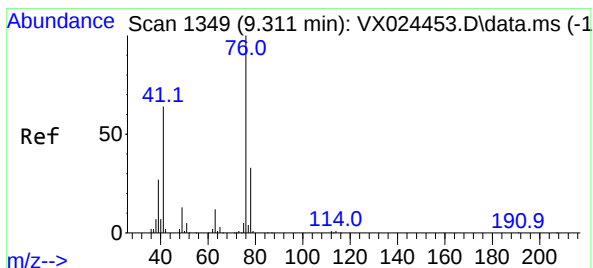
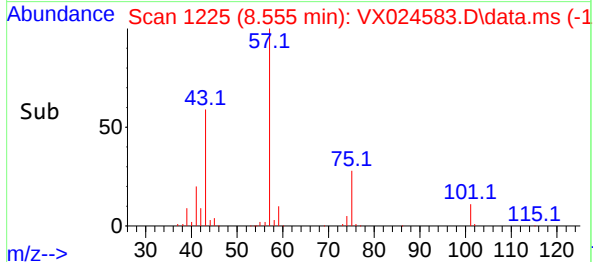
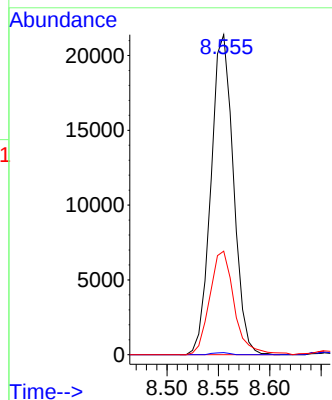
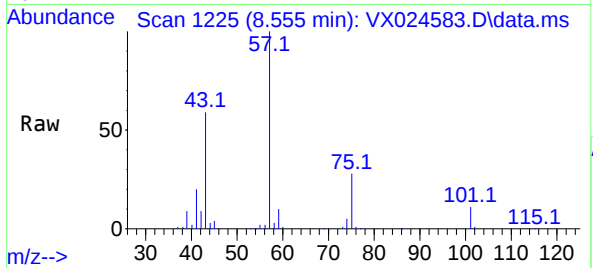




#54
cis-1,3-Dichloropropene
Concen: 11.370 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

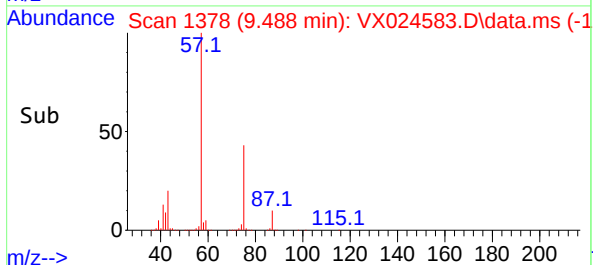
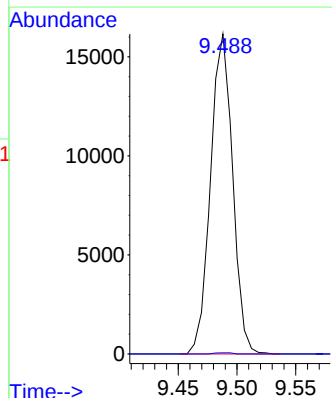
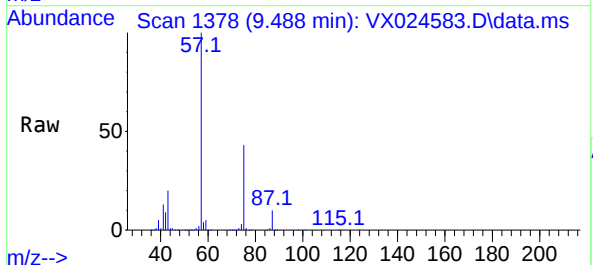
Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

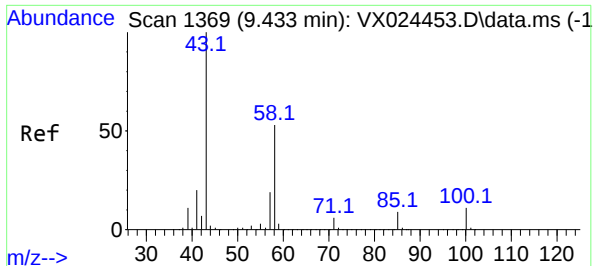
Tgt Ion: 75 Resp: 32405
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 32.4 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 6.724 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 76 Resp: 21137
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

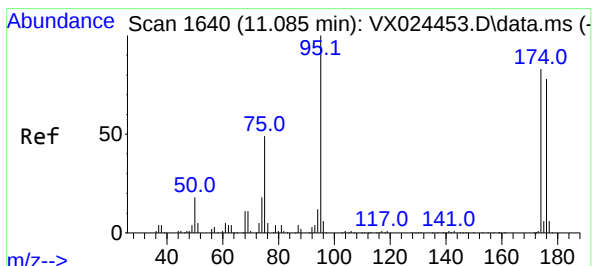
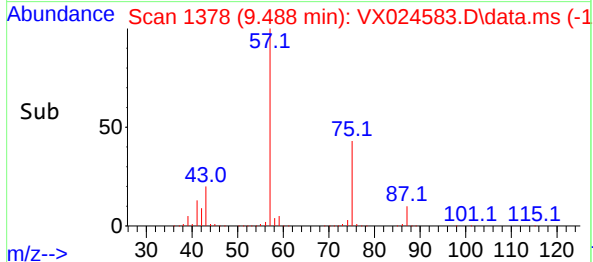
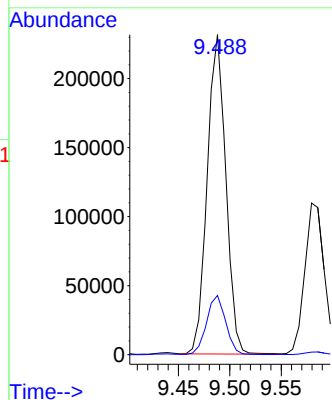
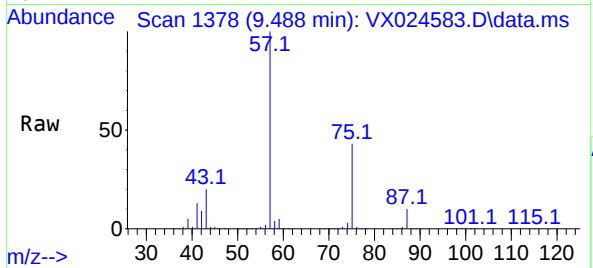




#59
2-Hexanone
Concen: 121.222 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

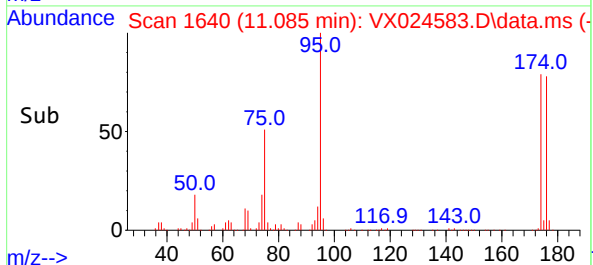
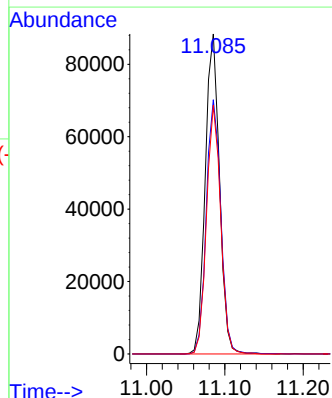
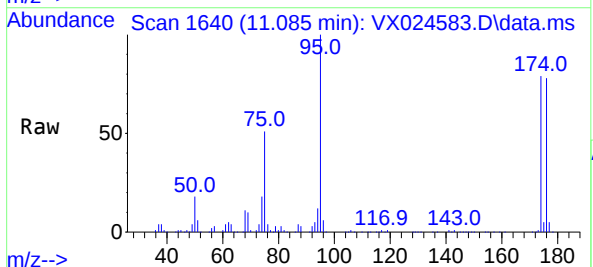
Instrument :
MSVOA_X
ClientSampled :
PB139613TB

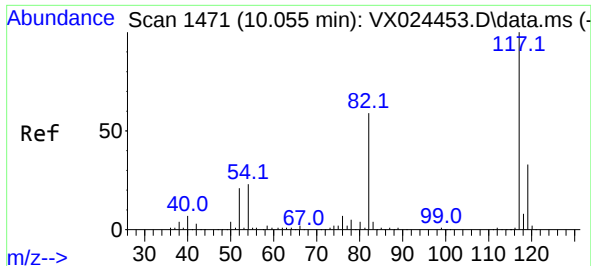
Tgt Ion: 43 Resp: 291799
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.504 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 95 Resp: 111310
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 77.1 0.0 155.8

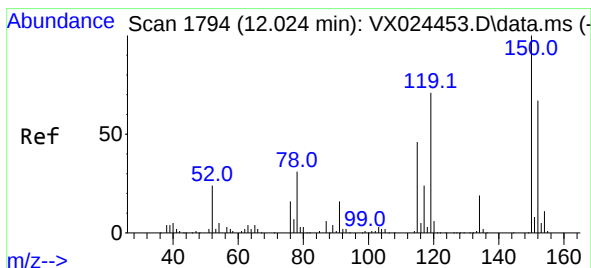
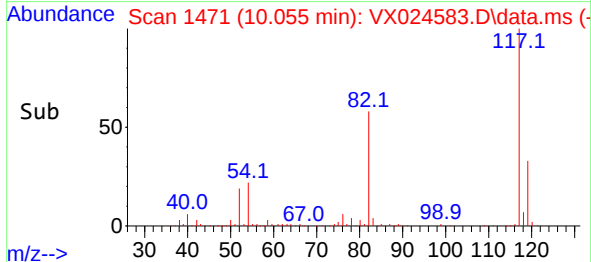
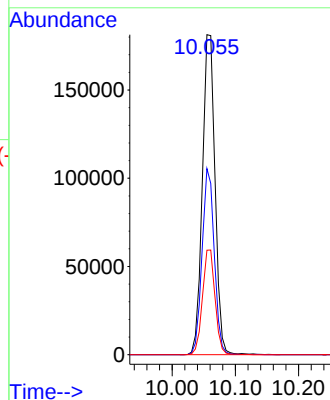
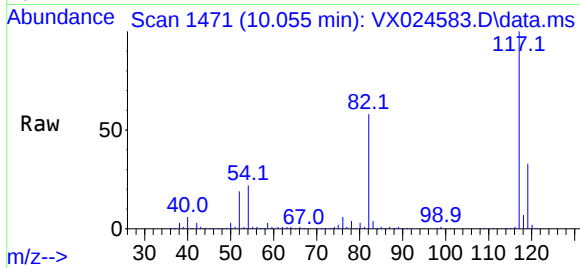




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

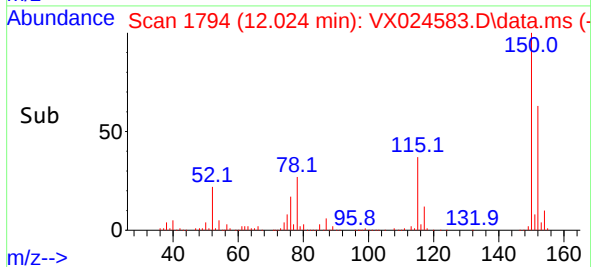
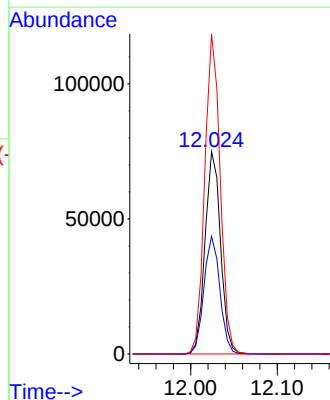
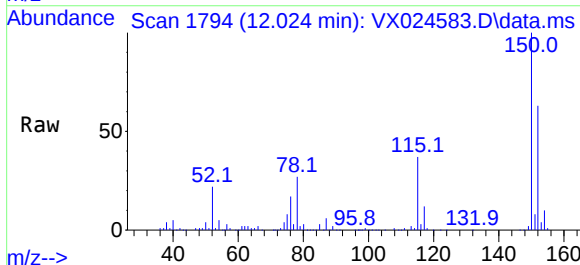
Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

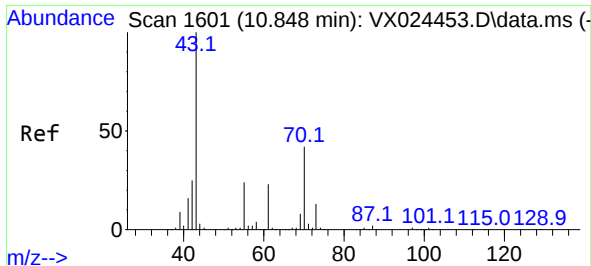
Tgt Ion:117 Resp: 253640
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

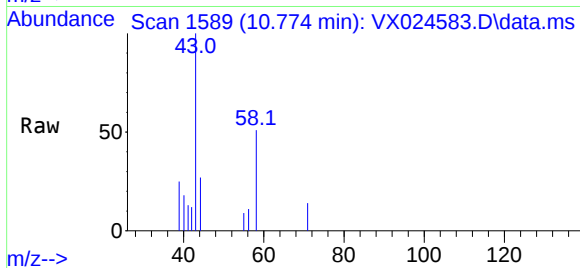
Tgt Ion:152 Resp: 93255
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 157.2 0.0 349.0





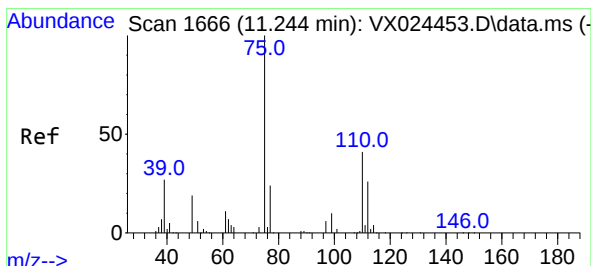
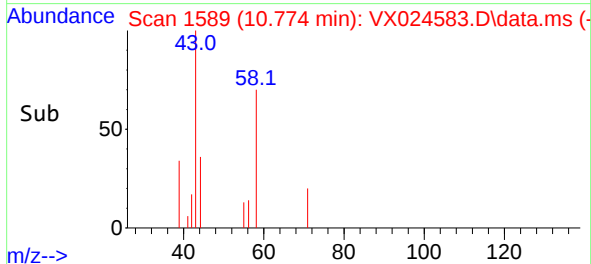
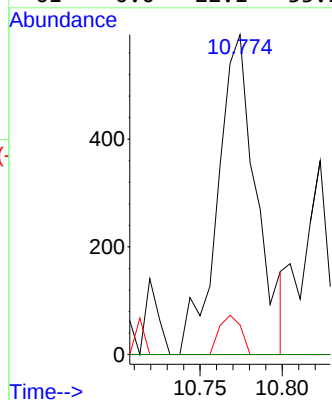
#74
N-amy1 acetate
Concen: 0.321 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB



Tgt Ion: 43 Resp: 974

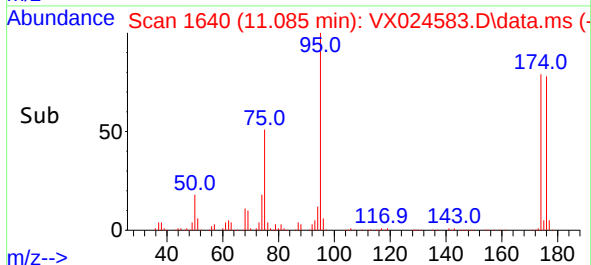
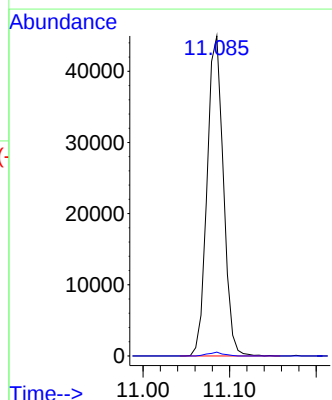
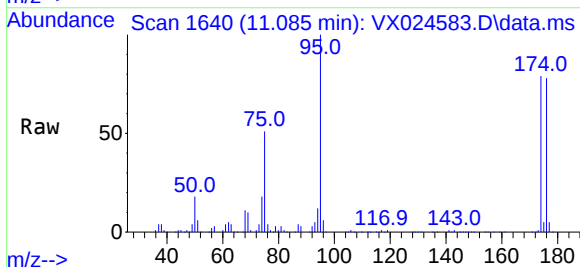
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	6.9	21.5	32.3#
61	0.0	22.1	33.1#

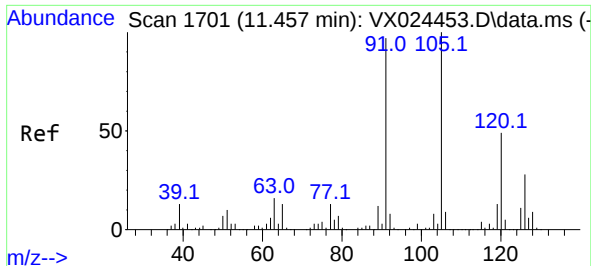


#76
1,2,3-Trichloropropane
Concen: 27.697 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 75 Resp: 58655

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#

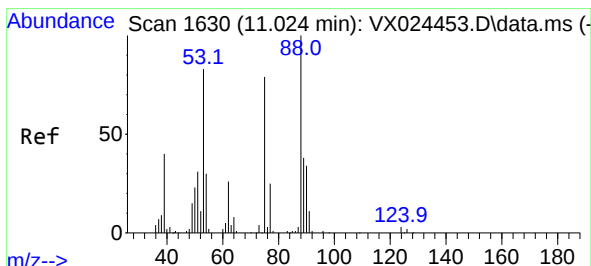
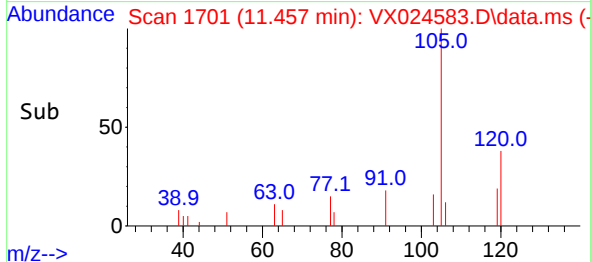
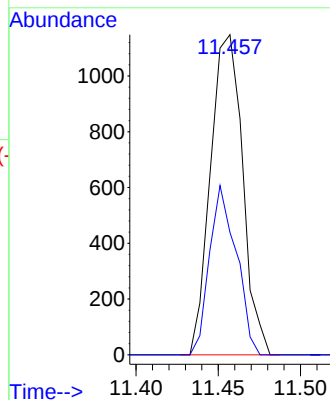
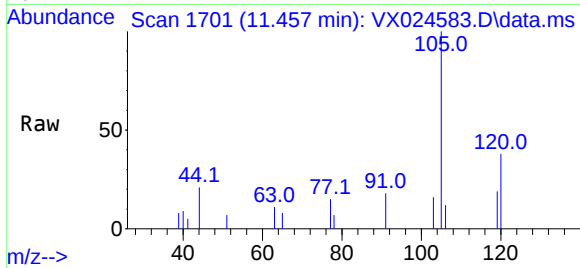




#80
1,3,5-Trimethylbenzene
Concen: 0.277 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB139613TB

Tgt Ion:105 Resp: 1560
Ion Ratio Lower Upper
105 100
120 44.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 75.319 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024583.D
Acq: 05 Oct 2021 19:57

Tgt Ion: 75 Resp: 58655
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

