

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024585.D
 Acq On : 05 Oct 2021 20:44
 Operator : JC/MD
 Sample : M4057-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHAFT-17B-SP

Quant Time: Oct 06 06:51:13 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)

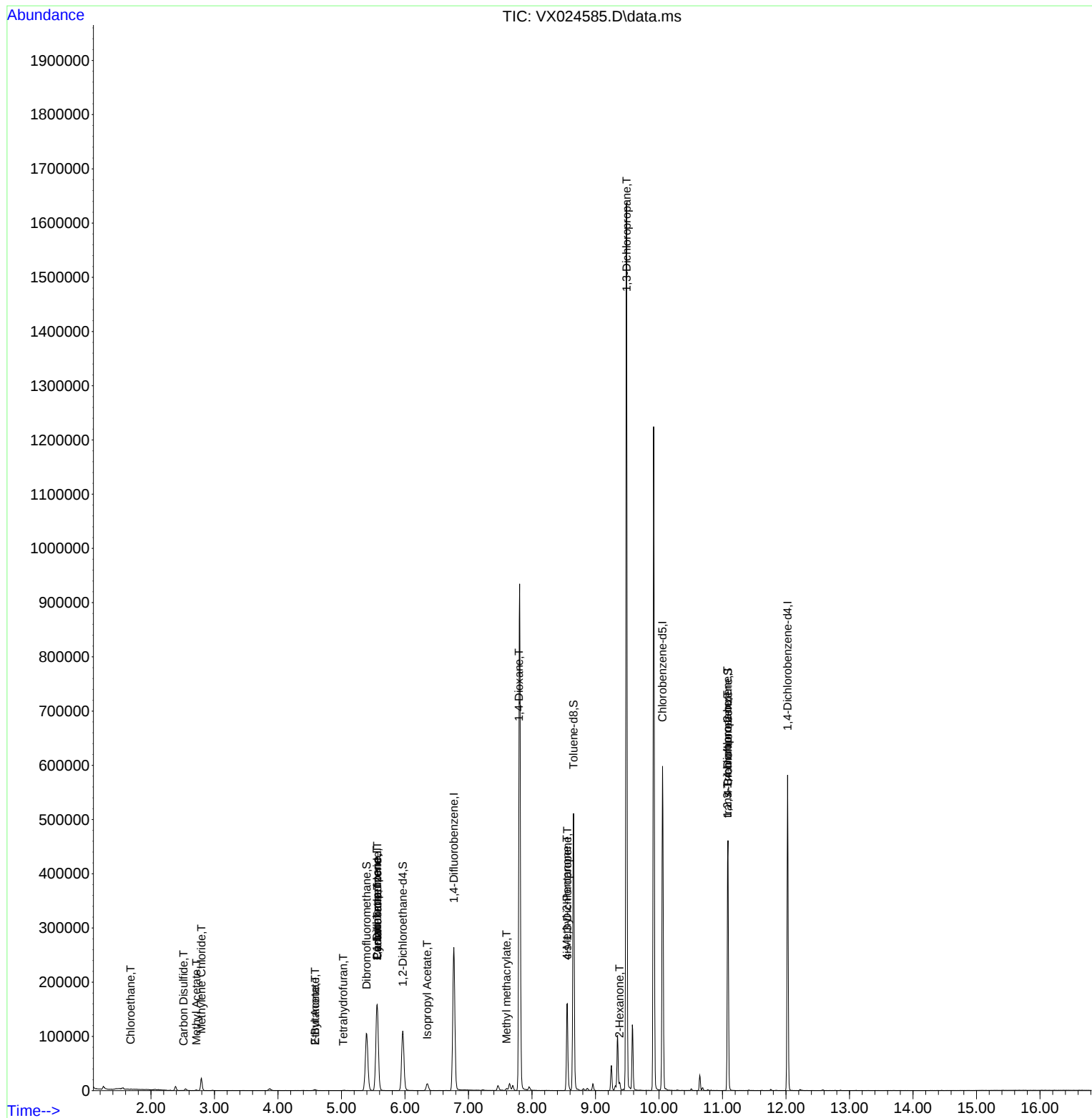
Internal Standards						
1) Pentafluorobenzene	5.562	168	149996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110836	52.429	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.860%			
35) Dibromofluoromethane	5.397	113	90655	51.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	8.653	98	291221	44.696	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.400%#			
62) 4-Bromofluorobenzene	11.085	95	125883	49.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.280%			
Target Compounds					Qvalue	
6) Chloroethane	1.679	64	338	0.598	ug/l #	43
11) Tert butyl alcohol	2.971	59	584	Below Cal	#	73
16) Acetone	2.386	43	8259	Below Cal	#	85
17) Carbon Disulfide	2.514	76	103	0.257	ug/l #	75
18) Methyl Acetate	2.715	43	1581	0.499	ug/l #	75
20) Methylene Chloride	2.794	84	9834	5.192	ug/l #	85
25) 2-Butanone	4.587	43	3732	2.563	ug/l #	80
29) Tetrahydrofuran	5.026	42	197	0.212	ug/l #	36
31) Cyclohexane	5.562	56	2773	1.095	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11155	4.367	ug/l #	50
37) Ethyl Acetate	4.587	43	3732	1.170	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15315	5.507	ug/l #	15
43) Isopropyl Acetate	6.348	43	17445	3.598	ug/l	94
48) Methyl methacrylate	7.598	41	5617	2.339	ug/l #	10
49) 1,4-Dioxane	7.793	88	80	1.455	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	58519	18.281	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	24333	8.152	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	13497	4.100	ug/l #	42
59) 2-Hexanone	9.378	43	8596	3.410	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	62423	23.039	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62423	62.978	ug/l #	12

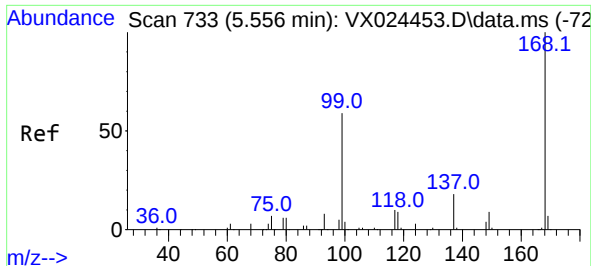
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
Data File : VX024585.D
Acq On : 05 Oct 2021 20:44
Operator : JC/MD
Sample : M4057-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

Quant Time: Oct 06 06:51:13 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

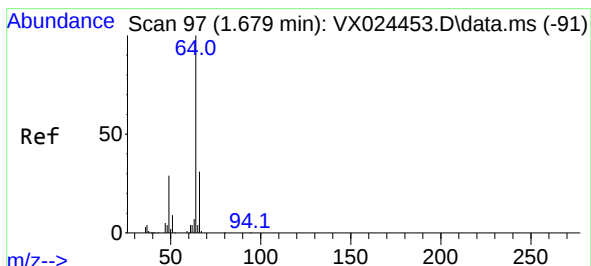
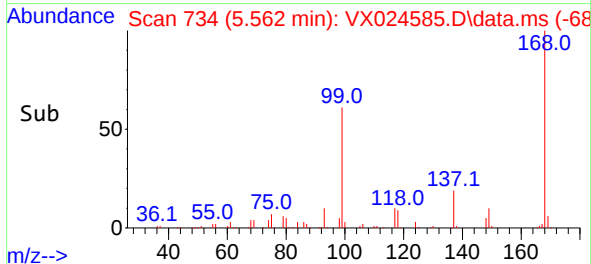
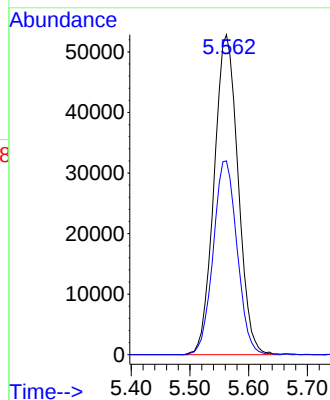
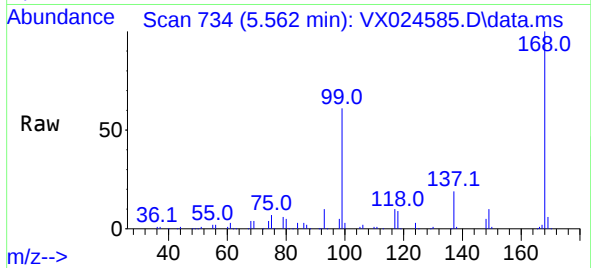




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

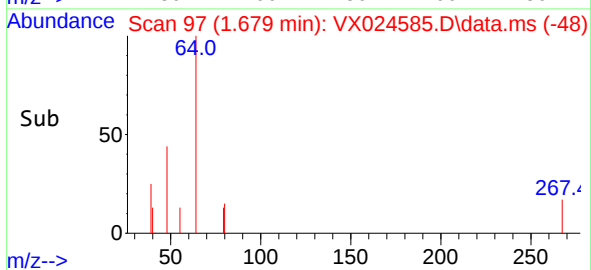
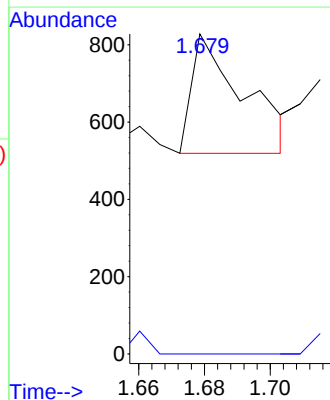
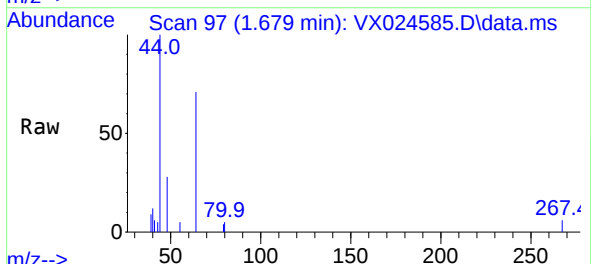
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

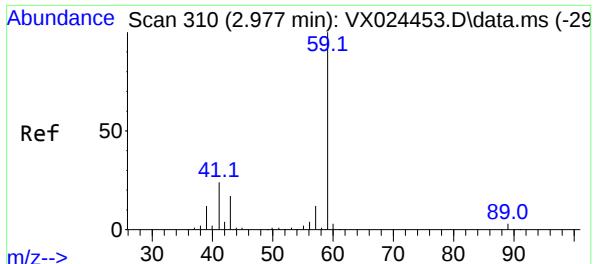
Tgt Ion:168 Resp: 149996
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#6
Chloroethane
Concen: 0.598 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



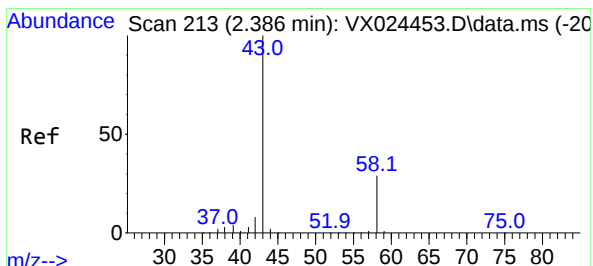
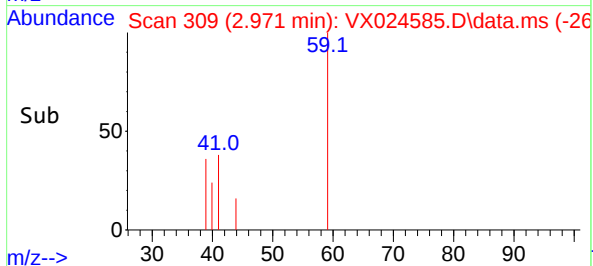
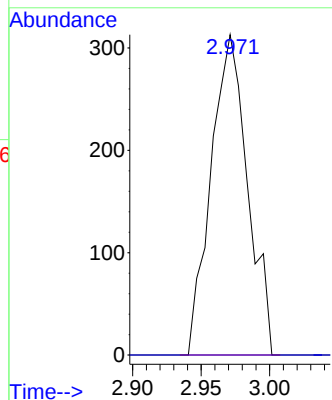
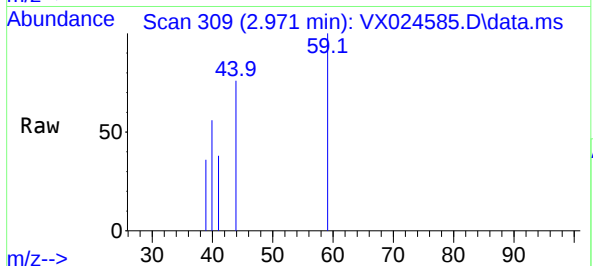


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

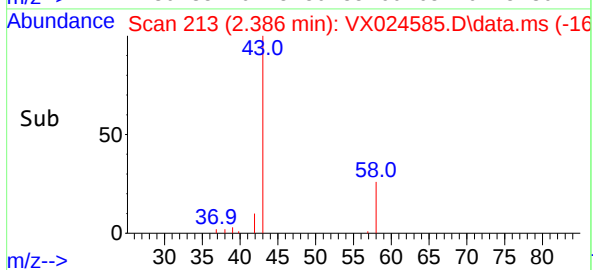
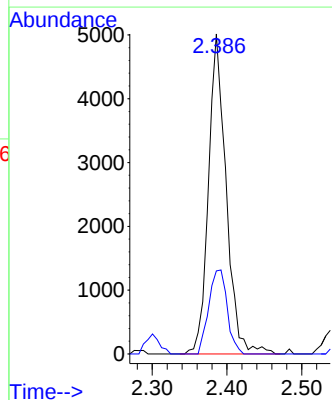
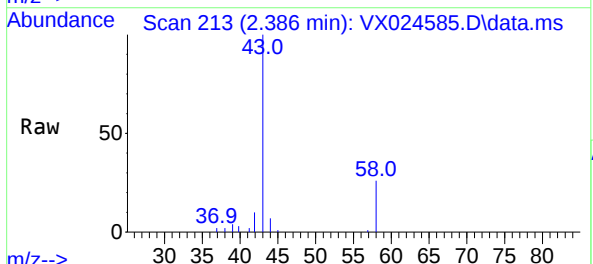
Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

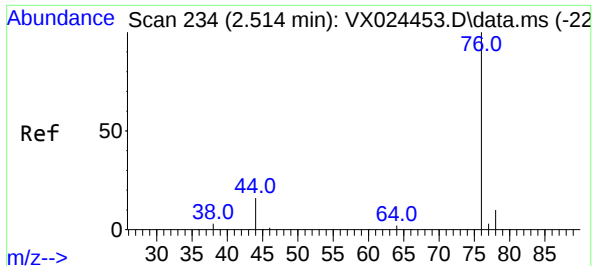


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 43 Resp: 8259
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#

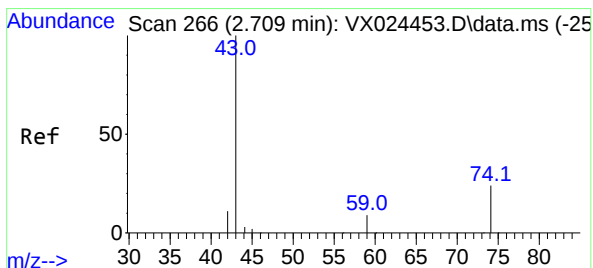
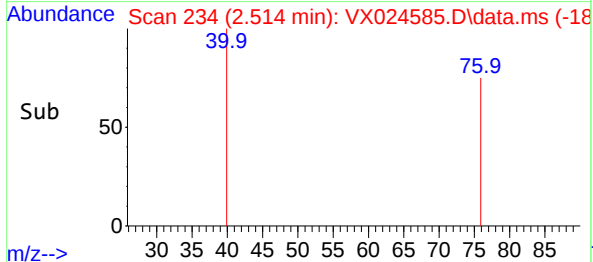
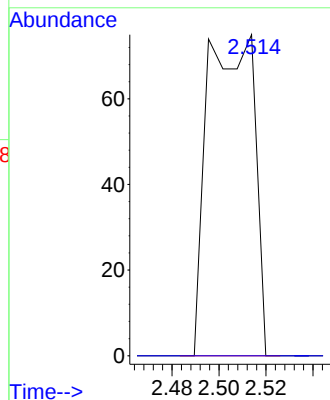
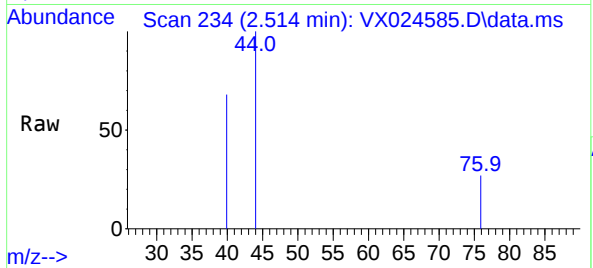




#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

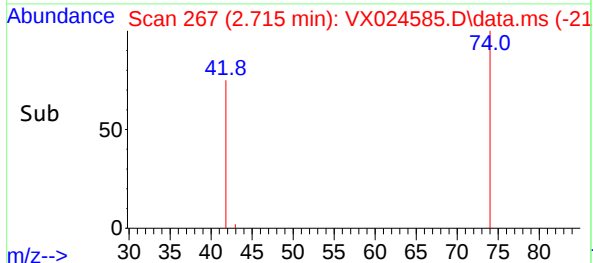
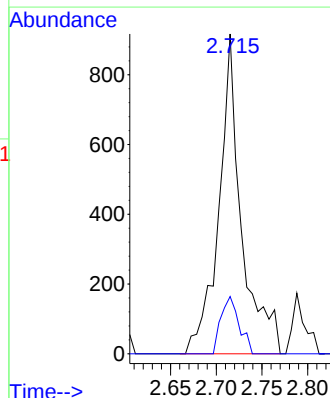
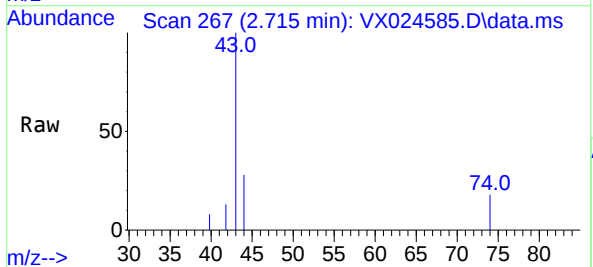
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

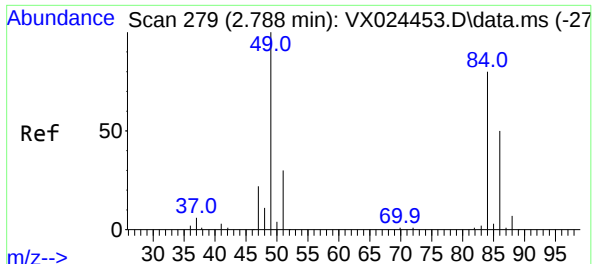
Tgt Ion: 76 Resp: 103
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
74 14.4 21.9 32.9#



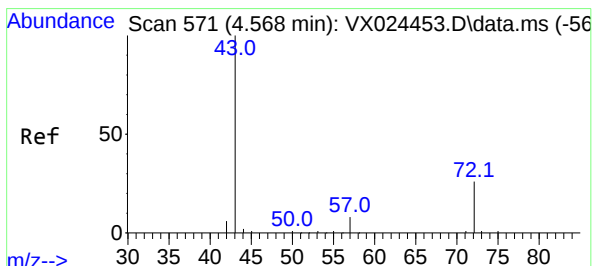
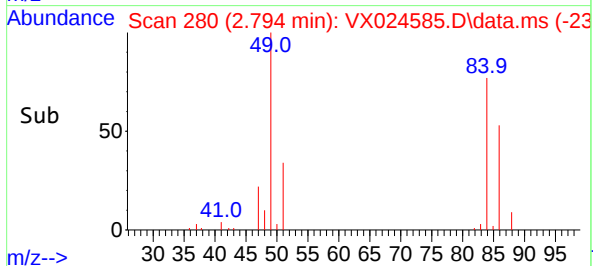
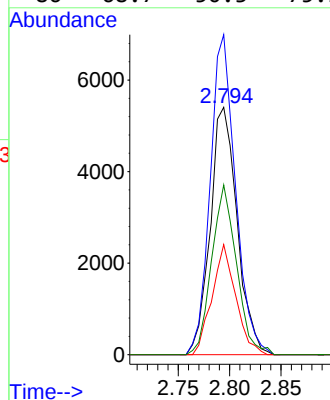
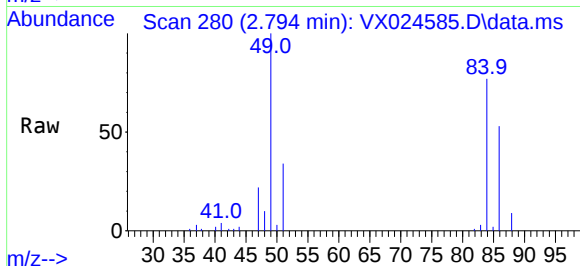


#20
Methylene Chloride
Concen: 5.192 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

Tgt Ion: 84 Resp: 9834

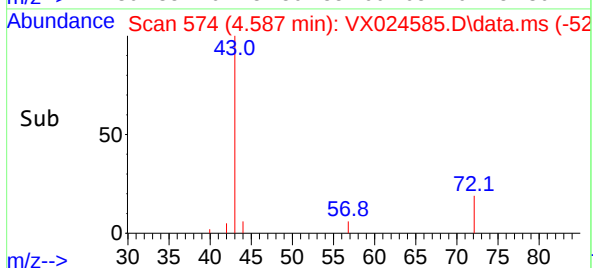
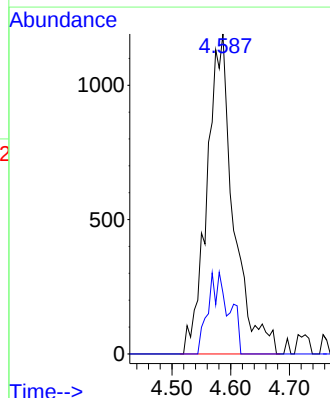
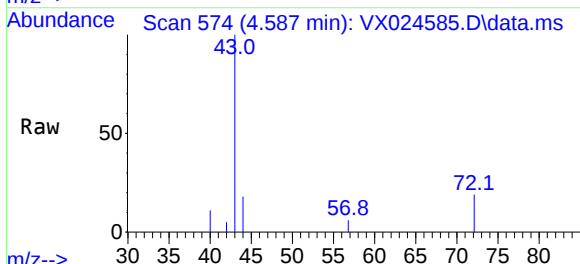
Ion	Ratio	Lower	Upper
84	100		
49	129.4	88.6	132.8
51	44.5	27.0	40.6#
86	68.7	50.3	75.5

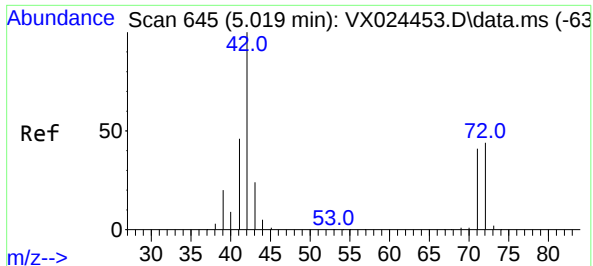


#25
2-Butanone
Concen: 2.563 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 43 Resp: 3732

Ion	Ratio	Lower	Upper
43	100		
72	19.1	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.212 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.007 min

Lab File: VX024585.D

Acq: 05 Oct 2021 20:44

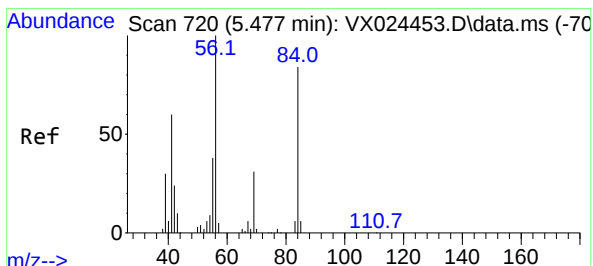
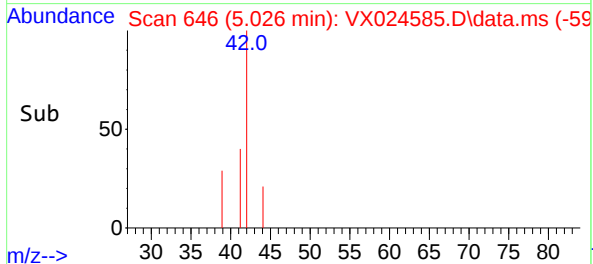
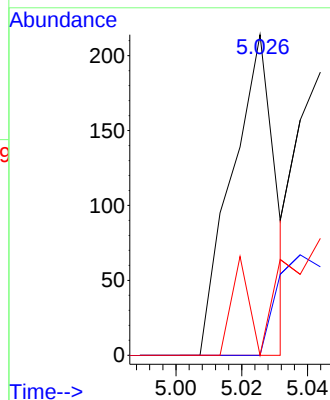
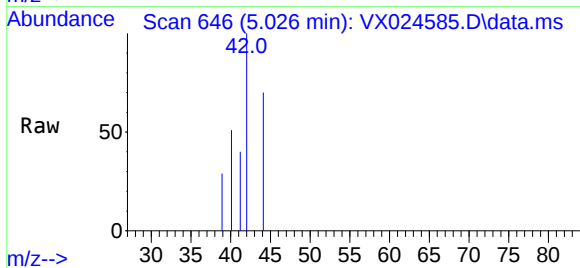
Tgt Ion: 42 Resp: 197

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 12.2 38.4 57.6#



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024585.D

Acq: 05 Oct 2021 20:44

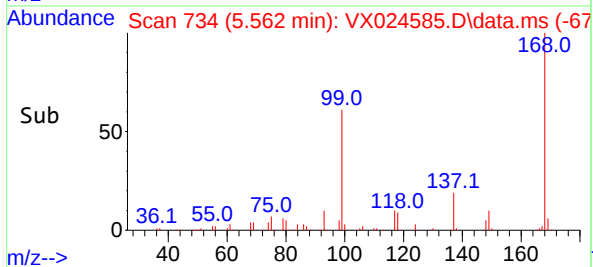
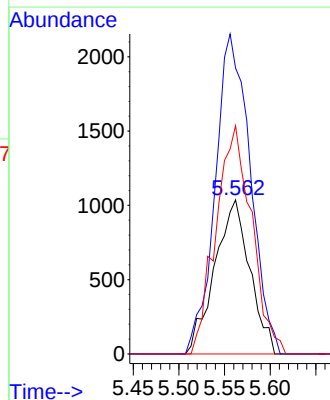
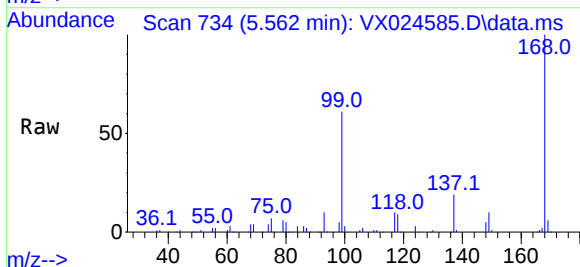
Tgt Ion: 56 Resp: 2773

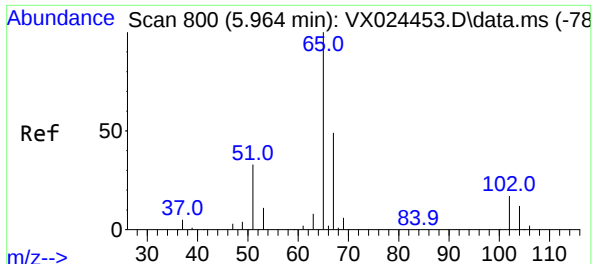
Ion Ratio Lower Upper

56 100

69 185.6 25.3 37.9#

84 148.1 71.4 107.0#

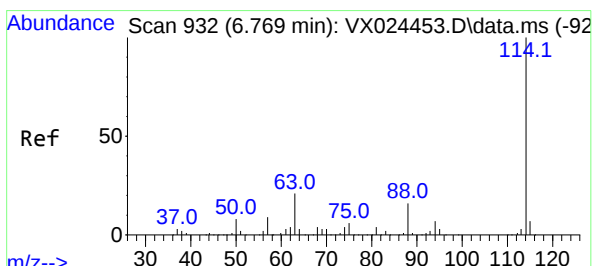
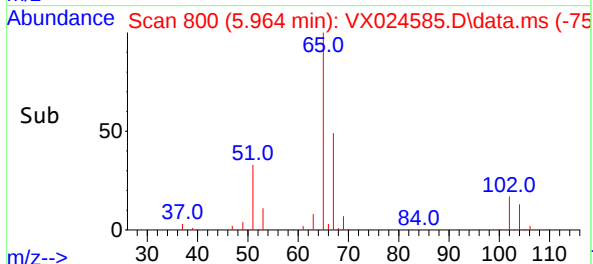
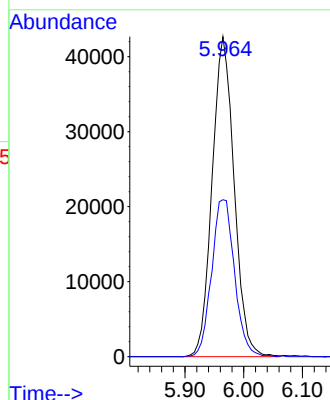
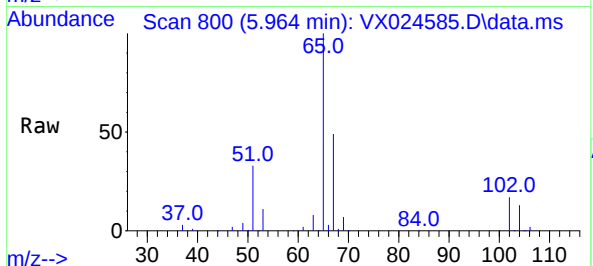




#33
 1,2-Dichloroethane-d4
 Concen: 52.429 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024585.D
 Acq: 05 Oct 2021 20:44

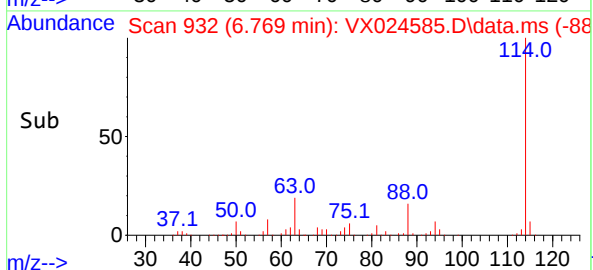
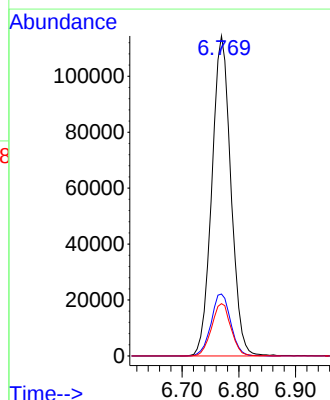
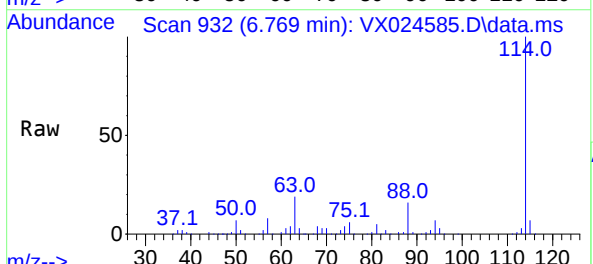
Instrument :
 MSVOA_X
 ClientSampleId :
 SHAFT-17B-SP

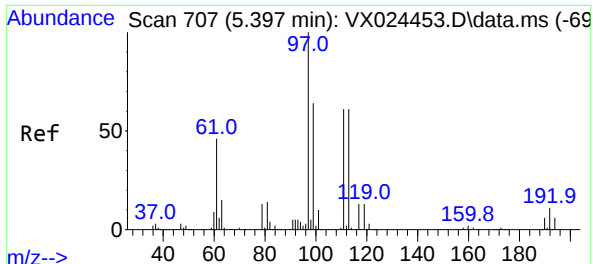
Tgt Ion: 65 Resp: 110836
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024585.D
 Acq: 05 Oct 2021 20:44

Tgt Ion: 114 Resp: 266480
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 16.4 0.0 32.8



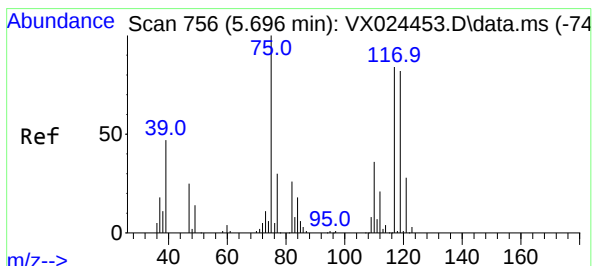
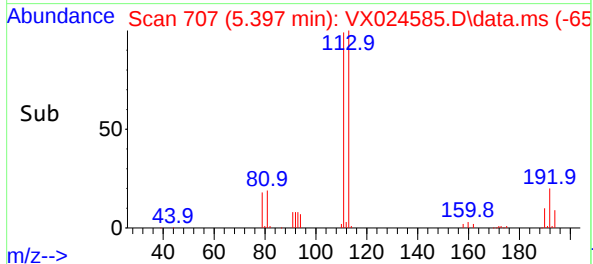
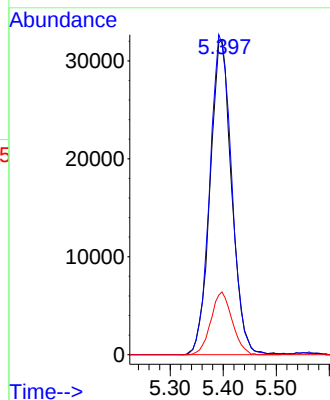
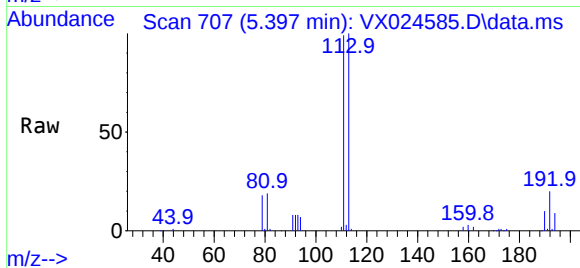


#35
Dibromofluoromethane
Concen: 51.209 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

Tgt Ion:113 Resp: 90655

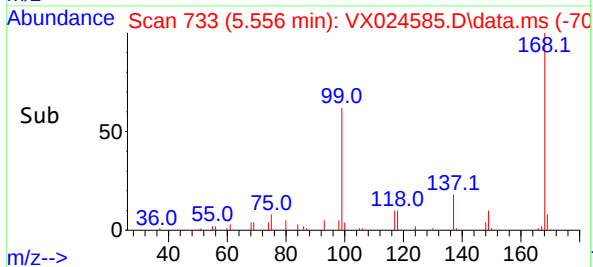
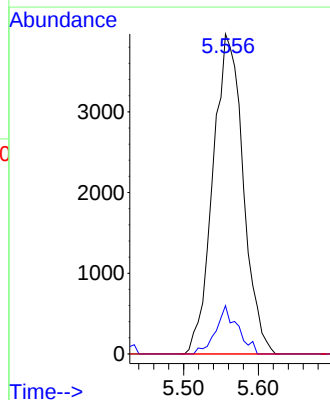
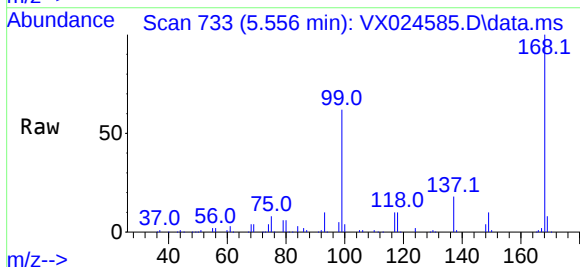
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	19.7	16.7	25.1

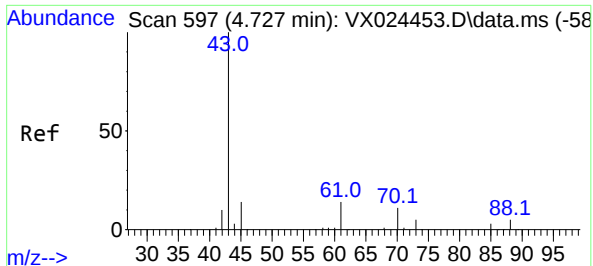


#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 75 Resp: 11155

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 1.170 ug/l

RT: 4.587 min Scan# 574

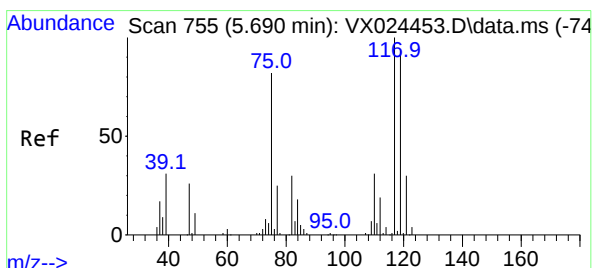
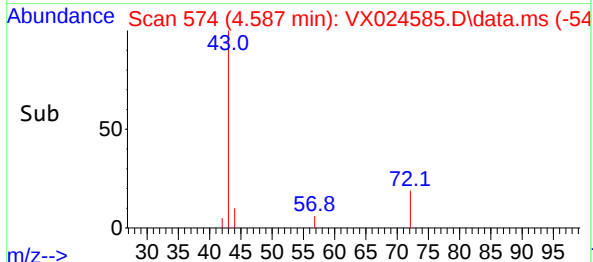
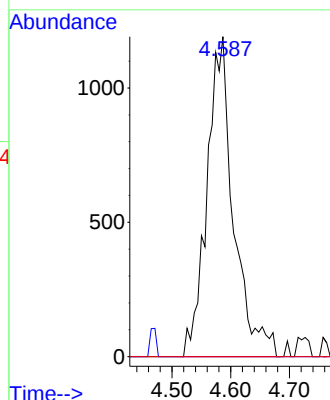
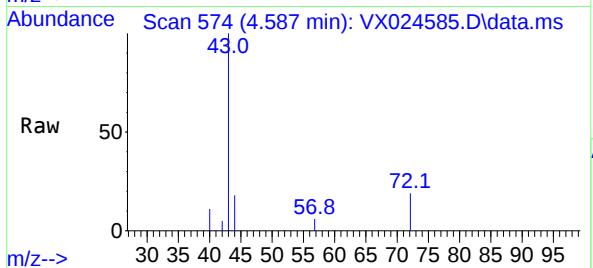
Delta R.T. -0.140 min

Lab File: VX024585.D

Acq: 05 Oct 2021 20:44

Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

Tgt Ion:	43	Resp:	3732
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.507 ug/l

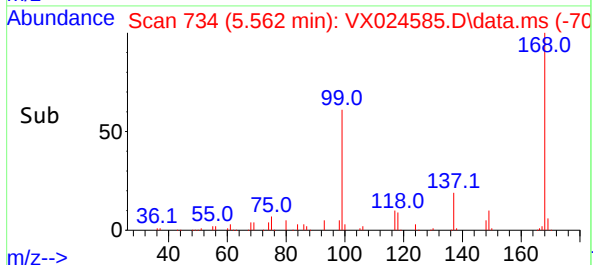
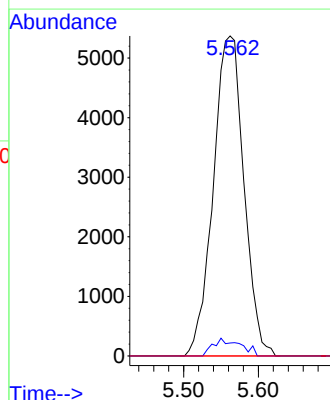
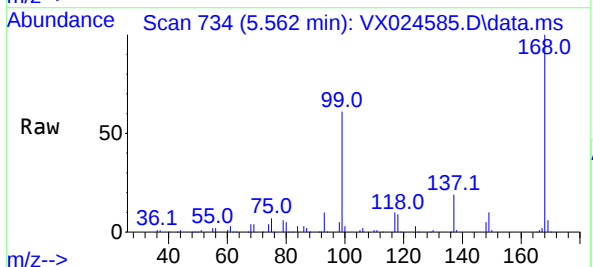
RT: 5.562 min Scan# 734

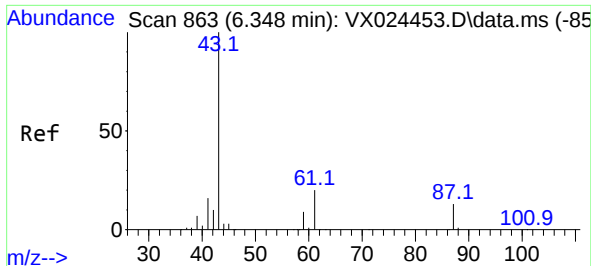
Delta R.T. -0.128 min

Lab File: VX024585.D

Acq: 05 Oct 2021 20:44

Tgt Ion:	117	Resp:	15315
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#

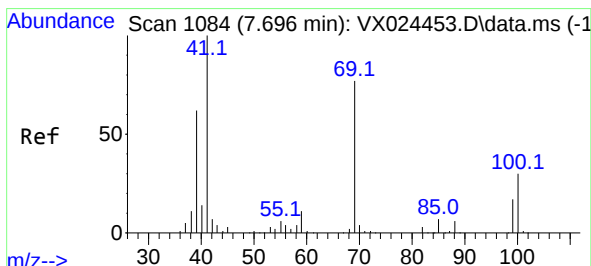
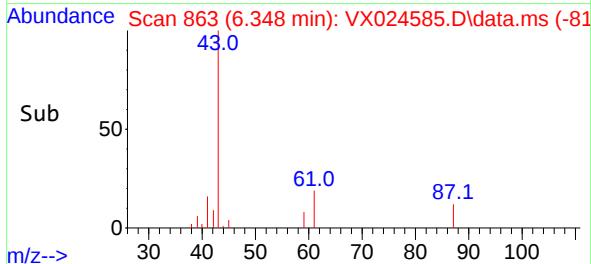
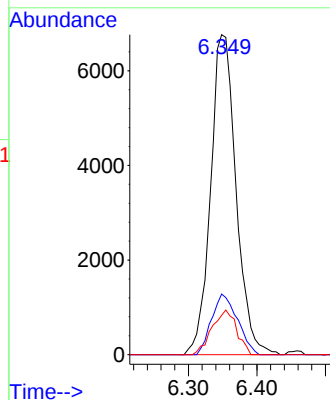
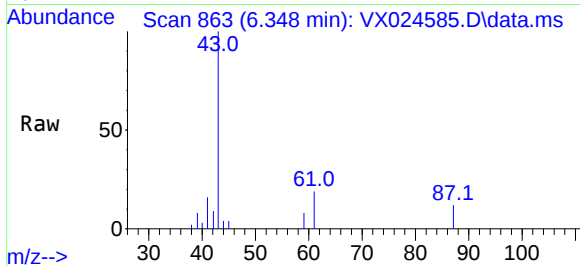




#43
Isopropyl Acetate
Concen: 3.598 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

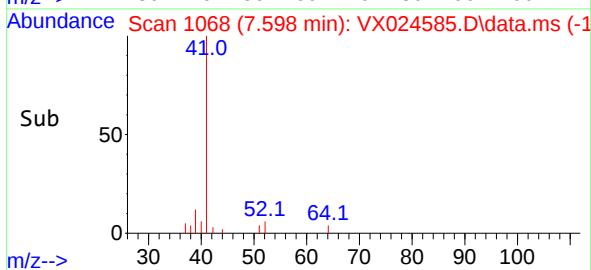
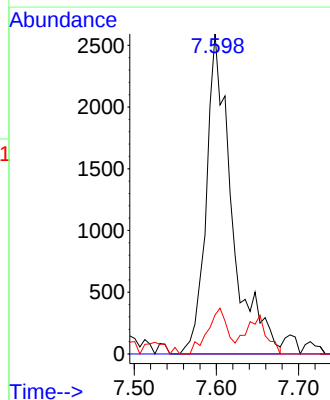
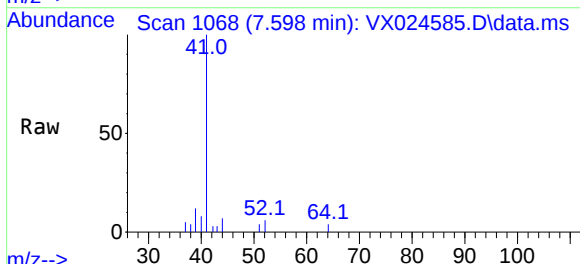
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

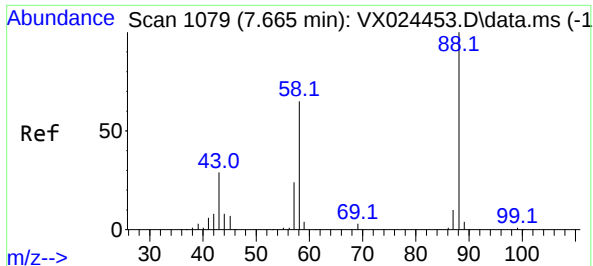
Tgt Ion:	43	Resp:	17445
Ion	Ratio	Lower	Upper
43	100		
61	19.2	18.2	27.4
87	13.5	12.5	18.7



#48
Methyl methacrylate
Concen: 2.339 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion:	41	Resp:	5617
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: 1.455 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.128 min

Lab File: VX024585.D

Acq: 05 Oct 2021 20:44

Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

43 1057760.0 23.2 34.8#

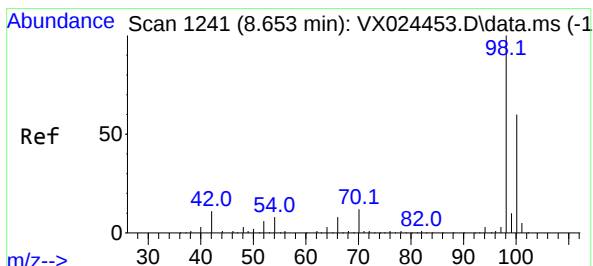
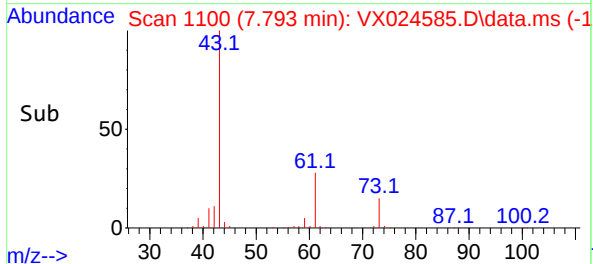
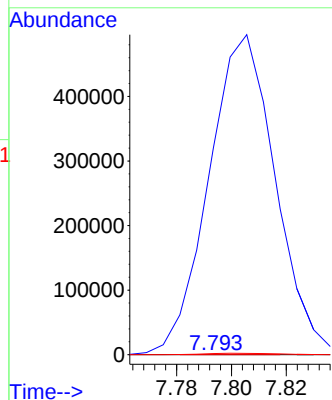
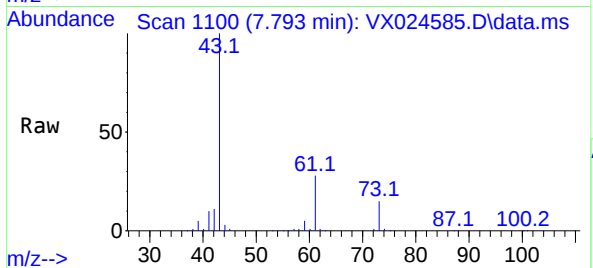
58 5038.8 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

SHAFT-17B-SP



#50

Toluene-d8

Concen: 44.696 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024585.D

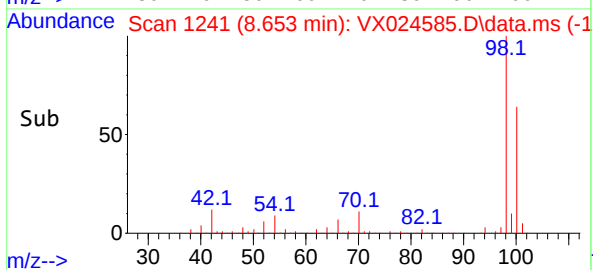
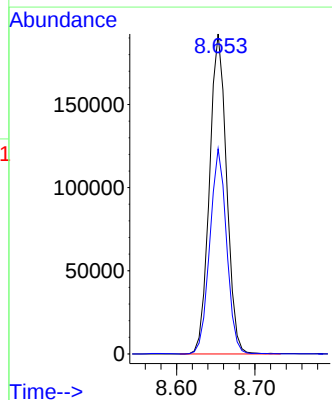
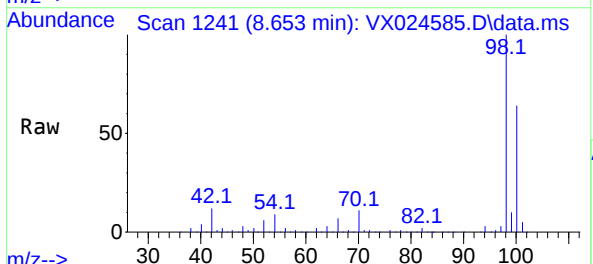
Acq: 05 Oct 2021 20:44

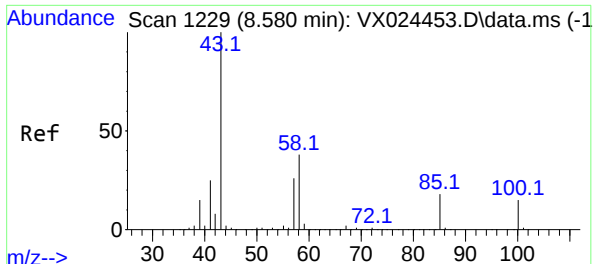
Tgt Ion: 98 Resp: 291221

Ion Ratio Lower Upper

98 100

100 62.9 51.9 77.9

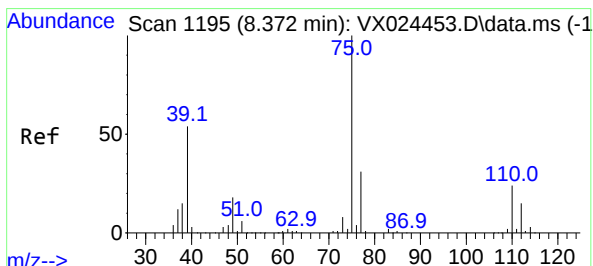
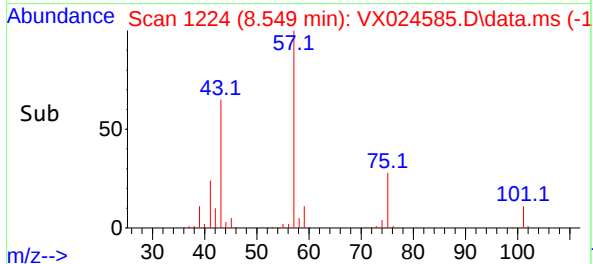
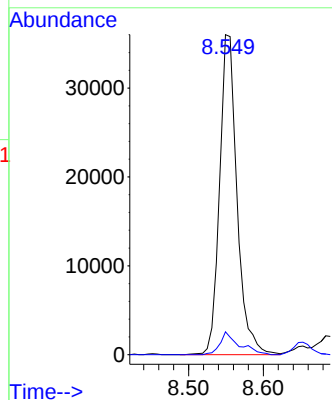
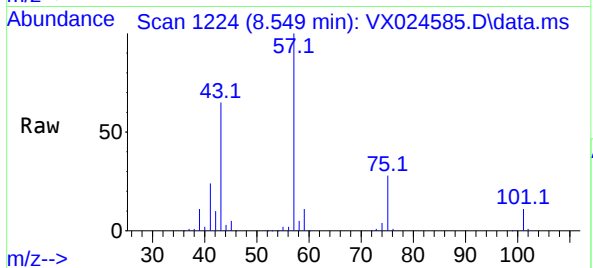




#51
4-Methyl-2-Pentanone
Concen: 18.281 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

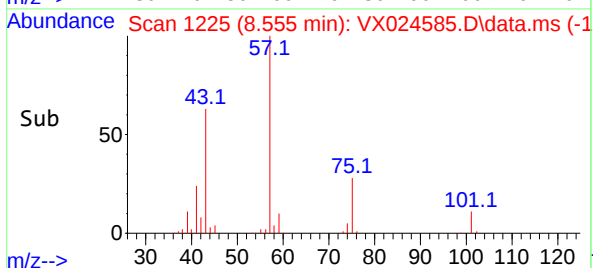
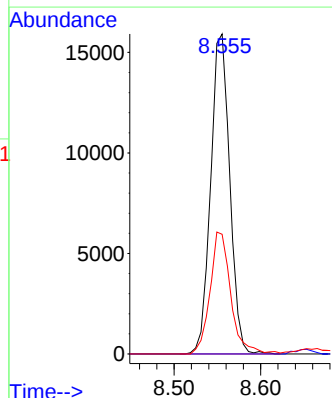
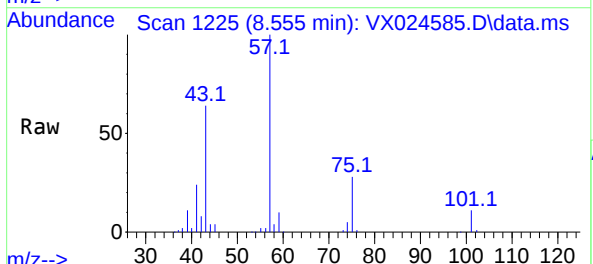
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

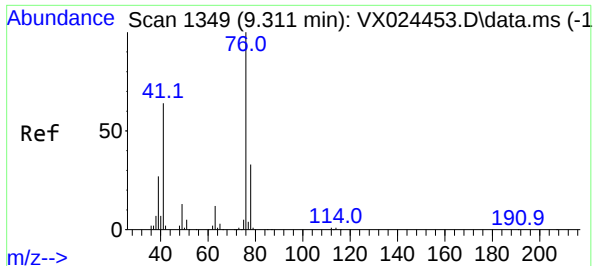
Tgt Ion: 43 Resp: 58519
Ion Ratio Lower Upper
43 100
58 7.9 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.152 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 75 Resp: 24333
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 37.4 35.1 52.7

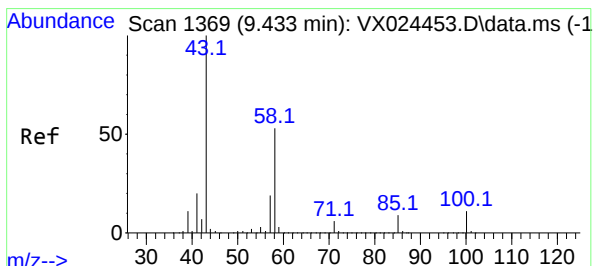
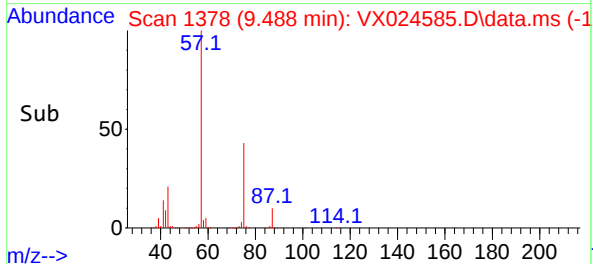
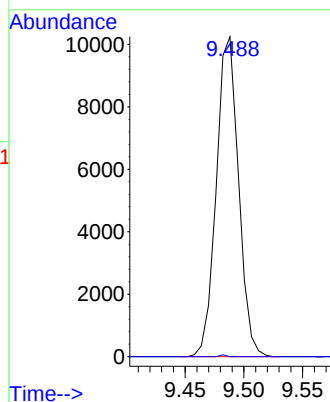
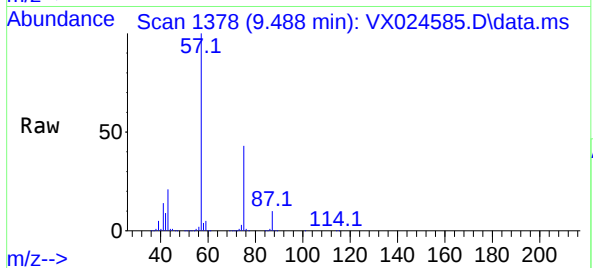




#57
1,3-Dichloropropane
Concen: 4.100 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

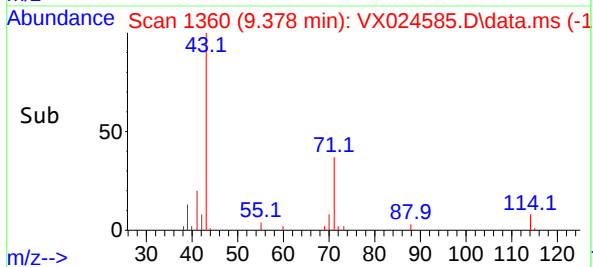
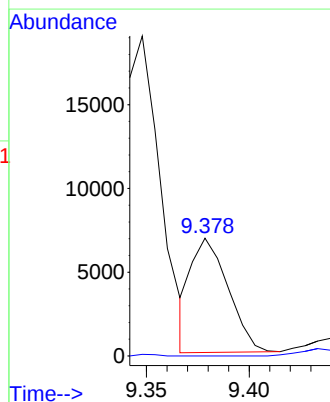
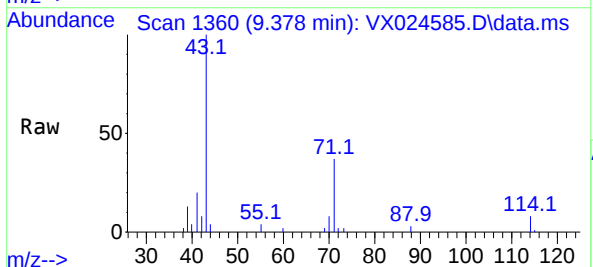
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

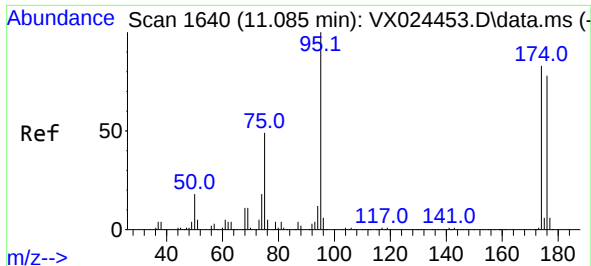
Tgt Ion: 76 Resp: 13497
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#



#59
2-Hexanone
Concen: 3.410 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 43 Resp: 8596
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

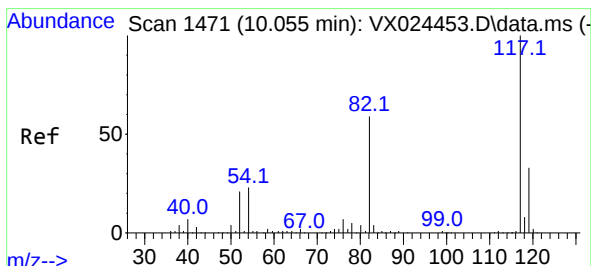
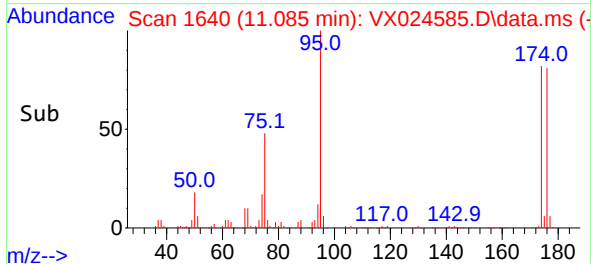
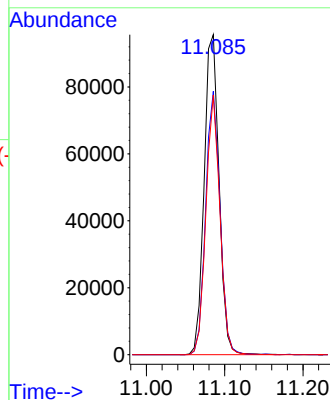
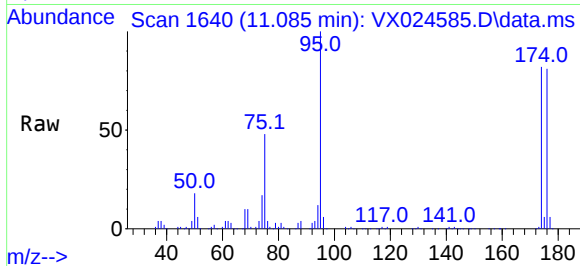




#62
4-Bromofluorobenzene
Concen: 49.138 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

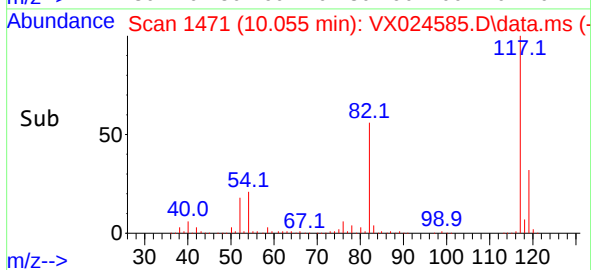
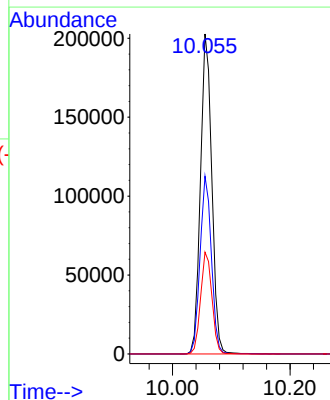
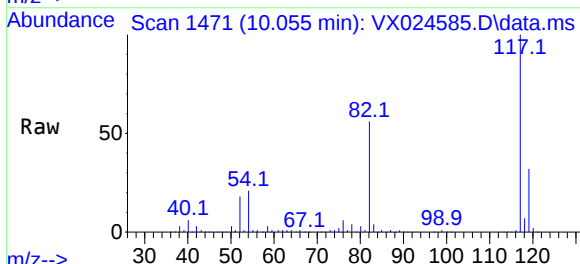
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

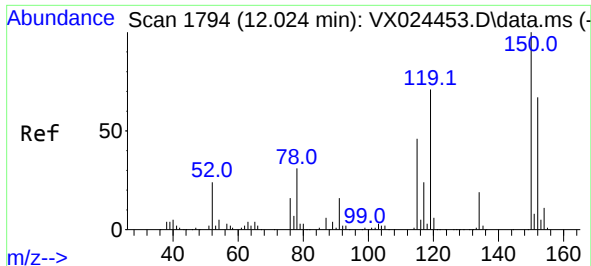
Tgt Ion: 95 Resp: 125883
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 117 Resp: 271850
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.8 26.6 39.8

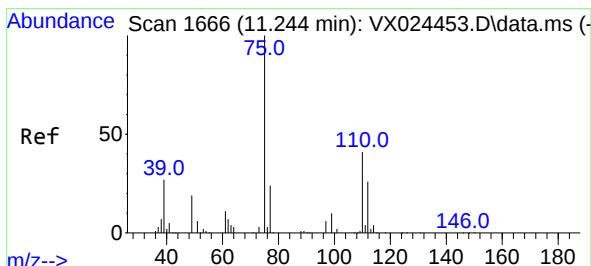
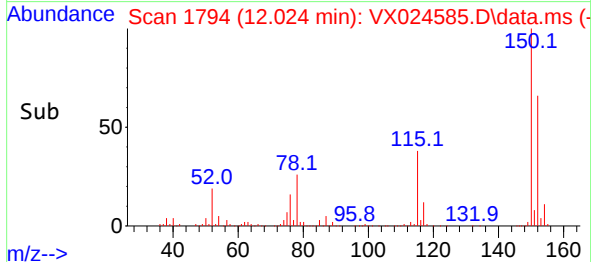
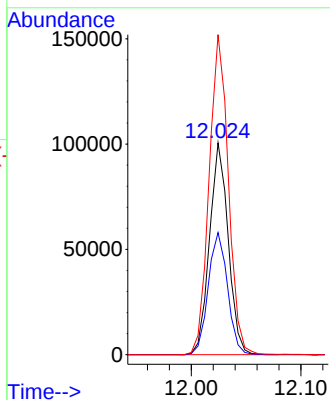
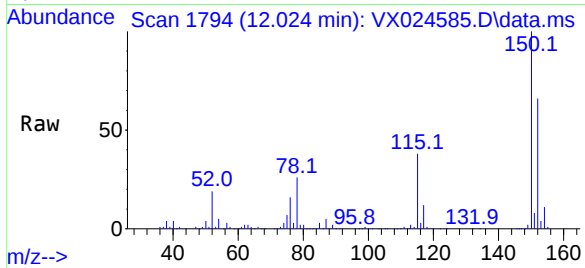




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

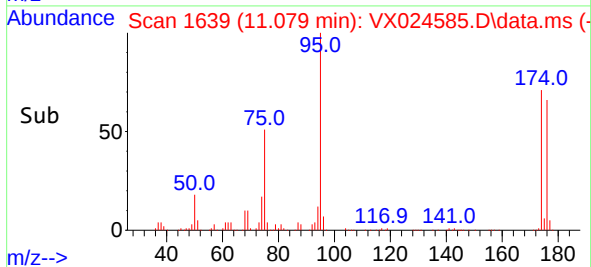
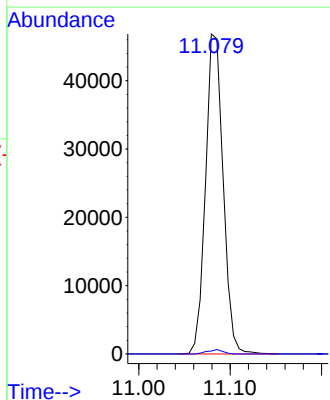
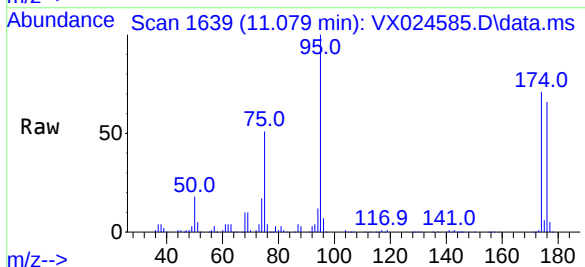
Instrument :
MSVOA_X
ClientSampleId :
SHAFT-17B-SP

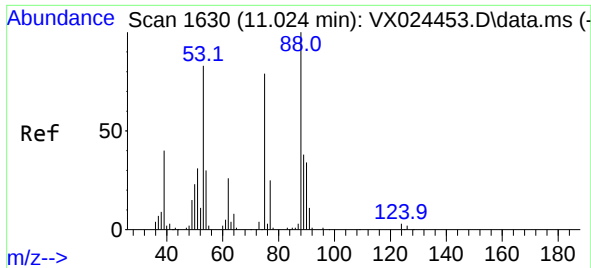
Tgt Ion:152 Resp: 119310
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 155.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX024585.D
Acq: 05 Oct 2021 20:44

Tgt Ion: 75 Resp: 62423
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.978 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.055 min
 Lab File: VX024585.D
 Acq: 05 Oct 2021 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SHAFT-17B-SP

Tgt Ion: 75 Resp: 62423
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

