

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033495.D
 Acq On : 19 Dec 2022 19:45
 Operator : JC/MD
 Sample : N6098-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:02:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

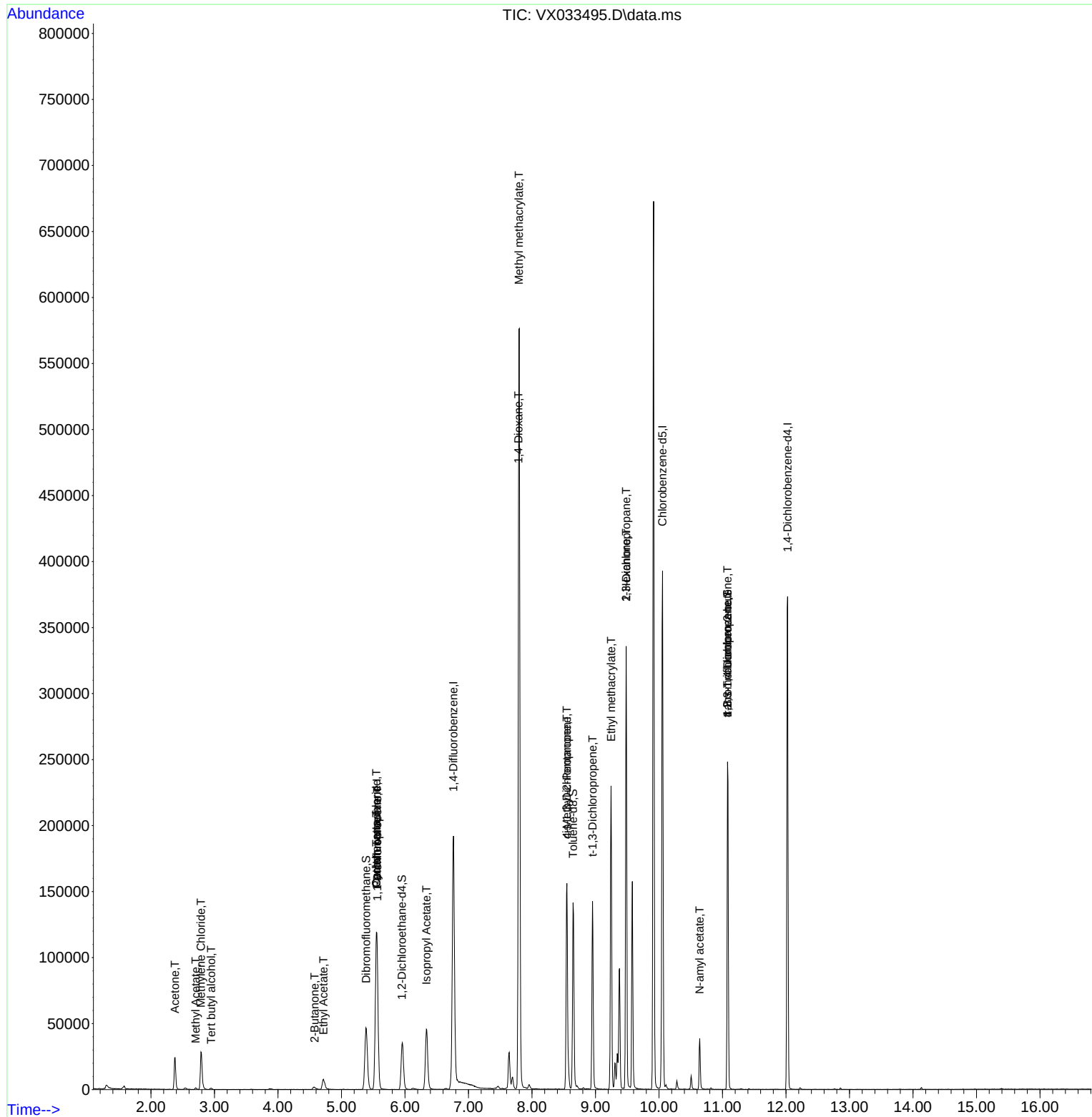
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	117536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36670	48.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.260%
35) Dibromofluoromethane	5.385	113	41597	47.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	8.647	98	85522	46.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	11.079	95	66362	47.364	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	744	3.227	ug/l #	72
16) Acetone	2.380	43	27023	48.431	ug/l	100
18) Methyl Acetate	2.703	43	1545	0.957	ug/l	91
20) Methylene Chloride	2.788	84	14757	11.859	ug/l #	87
25) 2-Butanone	4.574	43	3503	4.374	ug/l #	87
31) Cyclohexane	5.550	56	2343	1.307	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	8751	5.124	ug/l #	50
37) Ethyl Acetate	4.715	43	13376	8.286	ug/l	99
38) Carbon Tetrachloride	5.550	117	12557	6.563	ug/l #	17
43) Isopropyl Acetate	6.336	43	61856	23.814	ug/l	99
48) Methyl methacrylate	7.793	41	51732	38.590	ug/l #	43
49) 1,4-Dioxane	7.787	88	26	0.851	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	57496	35.003	ug/l #	46
53) t-1,3-Dichloropropene	8.952	75	310	2.651	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25364	12.605	ug/l #	57
56) Ethyl methacrylate	9.244	69	499	0.262	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2838	1.305	ug/l #	42
59) 2-Hexanone	9.482	43	38590	31.880	ug/l #	52
74) N-amyl acetate	10.640	43	10418	5.104	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	34412	20.493	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34412	63.746	ug/l #	6

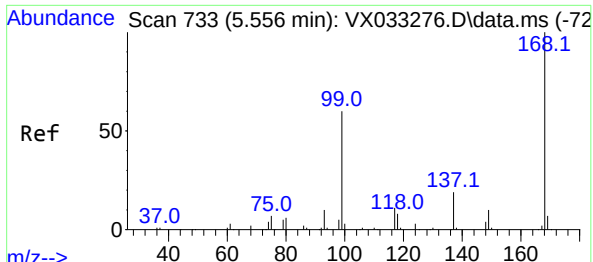
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

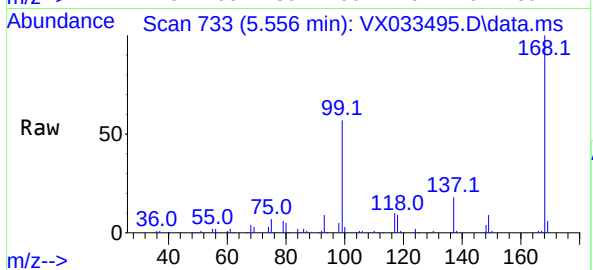
Quant Time: Dec 20 05:02:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



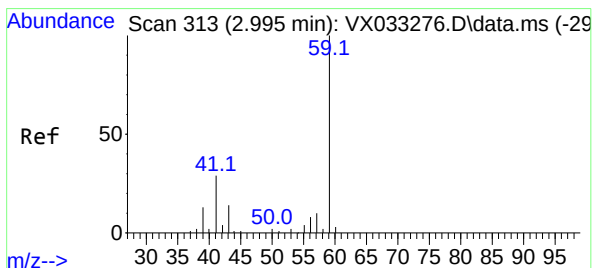
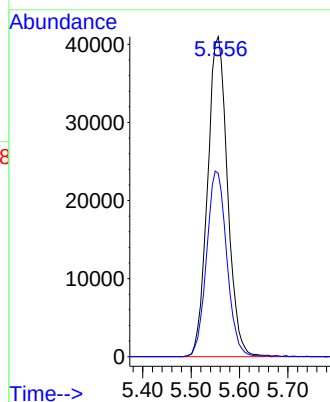
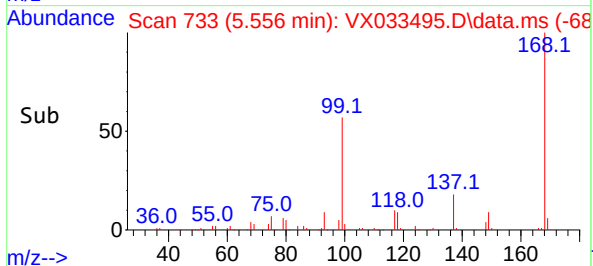


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

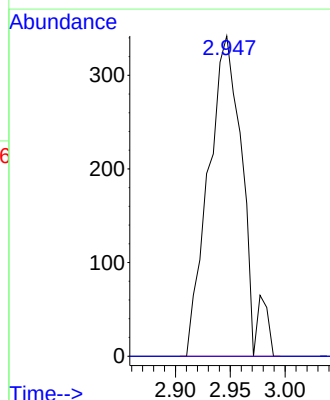
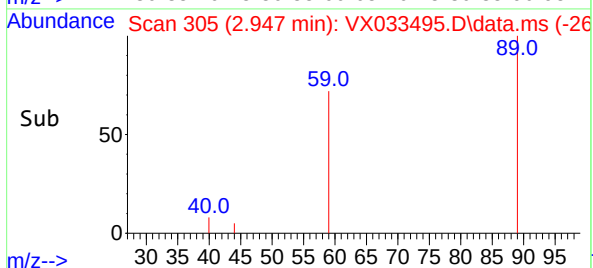
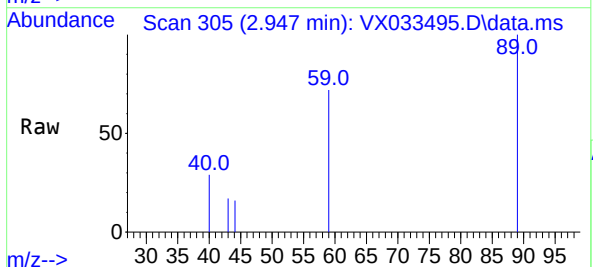


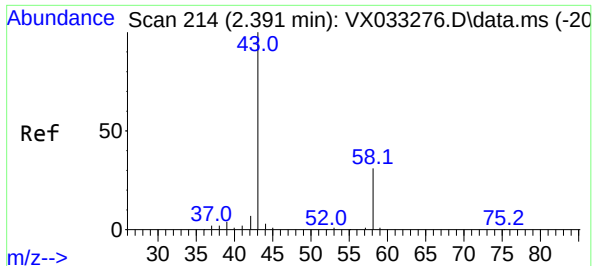
Tgt Ion:168 Resp: 117536
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.227 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Tgt Ion: 59 Resp: 744
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

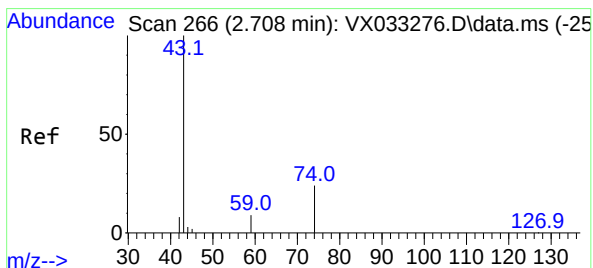
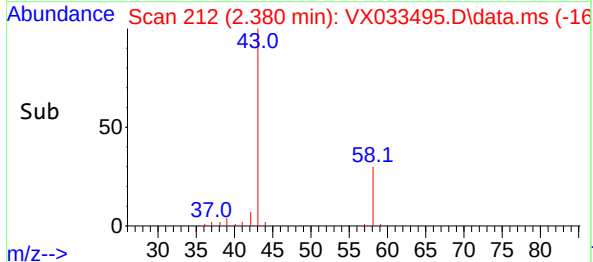
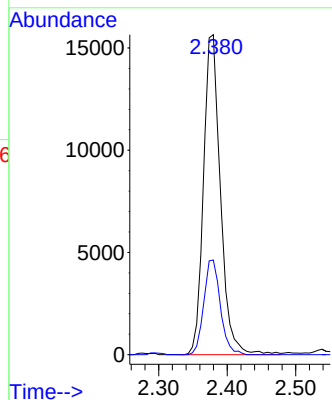
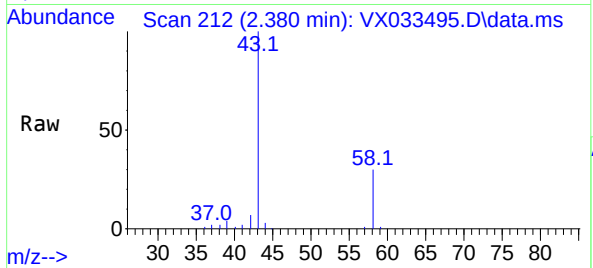




#16
Acetone
Concen: 48.431 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

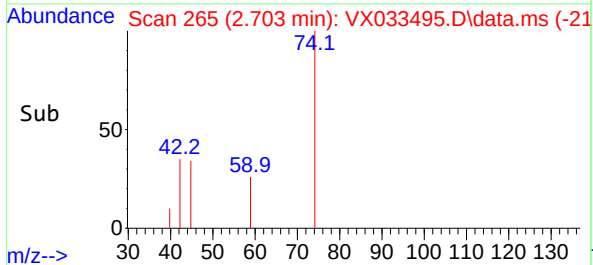
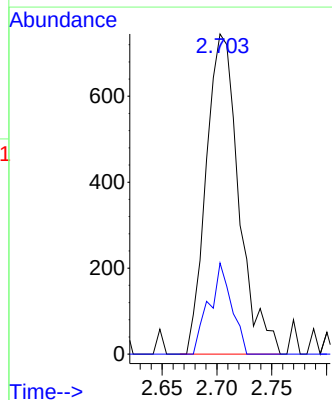
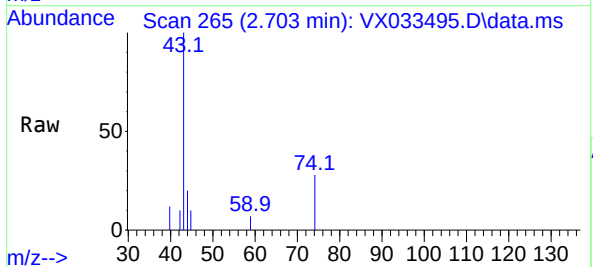
Instrument :
MSVOA_X
ClientSampleId :

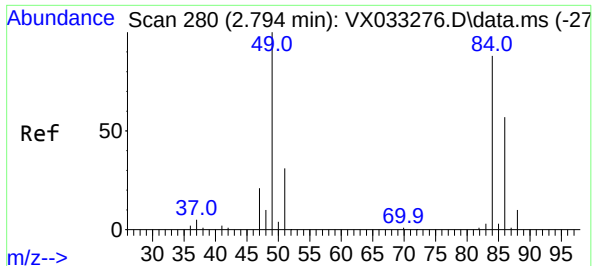
Tgt Ion: 43 Resp: 27023
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8



#18
Methyl Acetate
Concen: 0.957 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

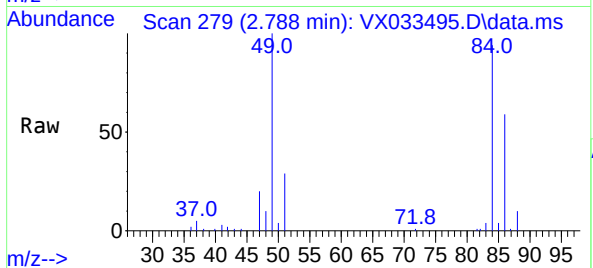
Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.0





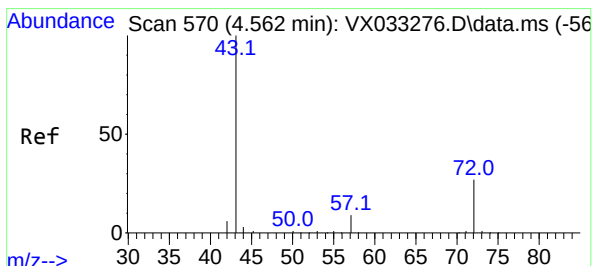
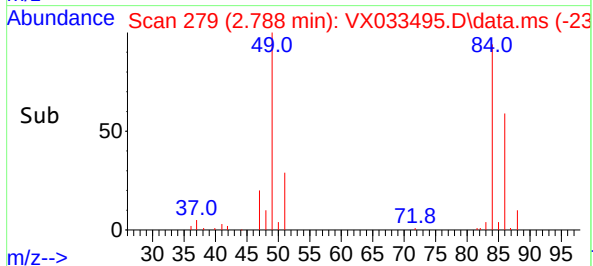
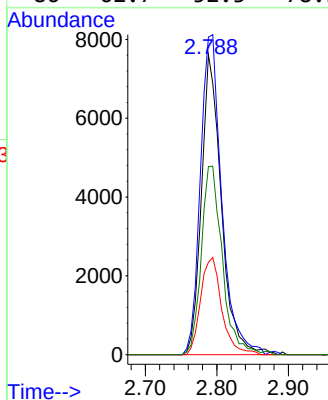
#20
Methylene Chloride
Concen: 11.859 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 14757

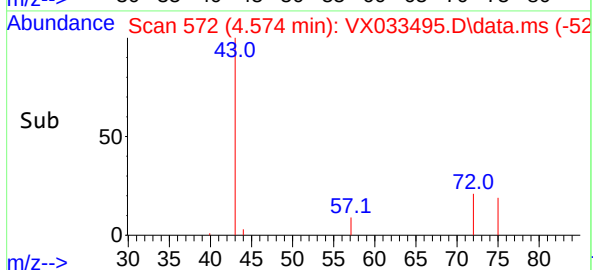
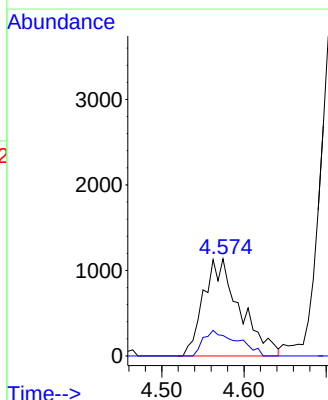
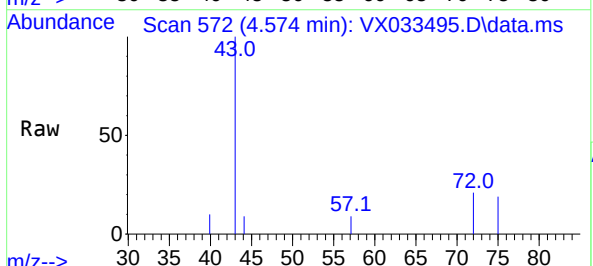
Ion	Ratio	Lower	Upper
84	100		
49	105.8	101.0	151.6
51	30.8	31.1	46.7#
86	62.7	52.3	78.5

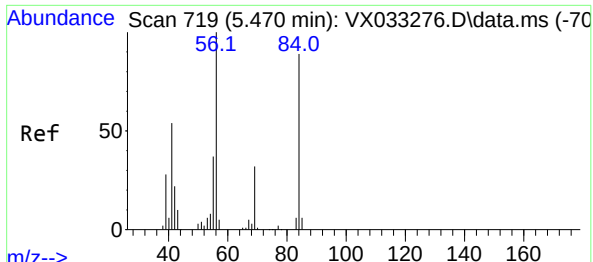


#25
2-Butanone
Concen: 4.374 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.013 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Tgt Ion: 43 Resp: 3503

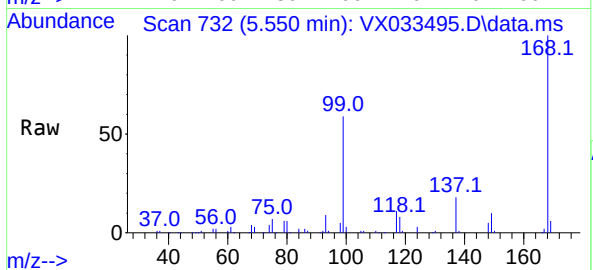
Ion	Ratio	Lower	Upper
43	100		
72	21.1	22.2	33.2#



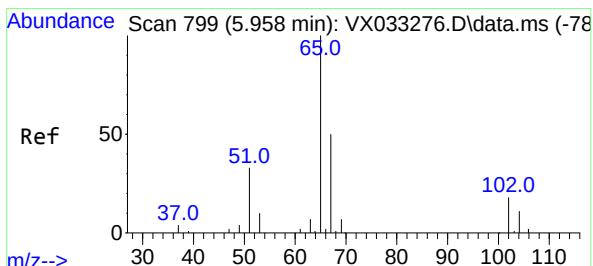
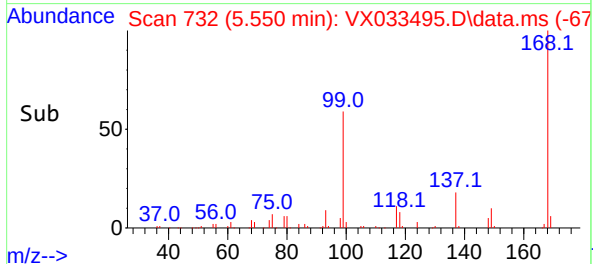
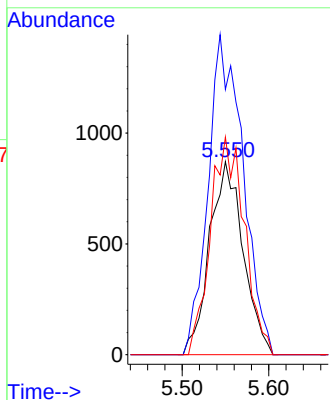


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

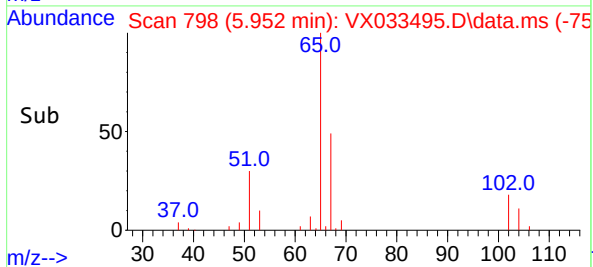
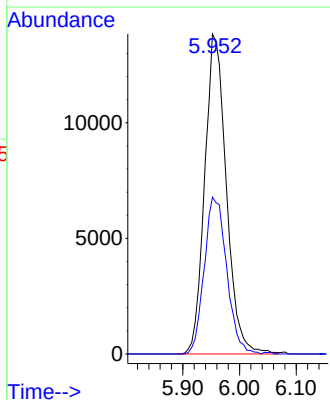
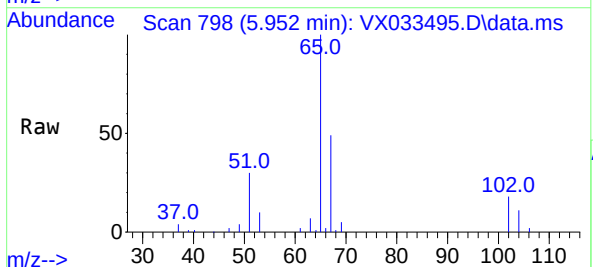


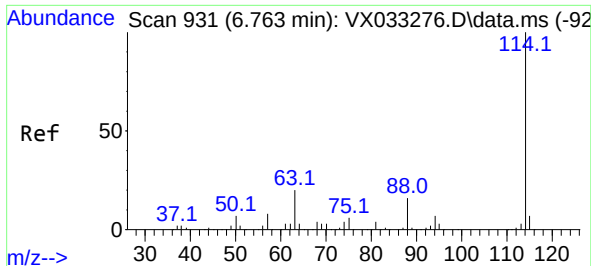
Tgt Ion: 56 Resp: 2343
Ion Ratio Lower Upper
56 100
69 137.4 24.1 36.1#
84 112.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.632 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

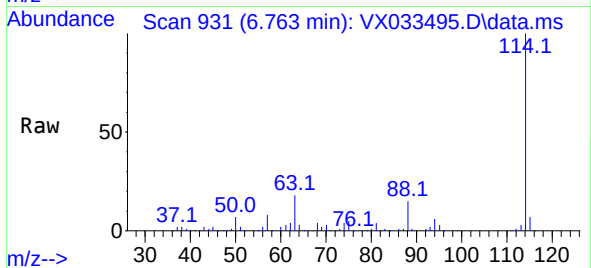
Tgt Ion: 65 Resp: 36670
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8



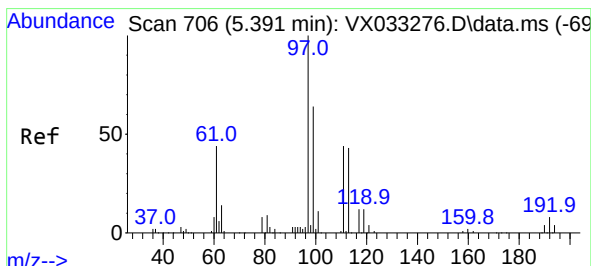
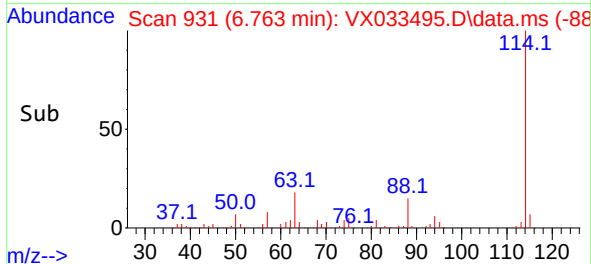
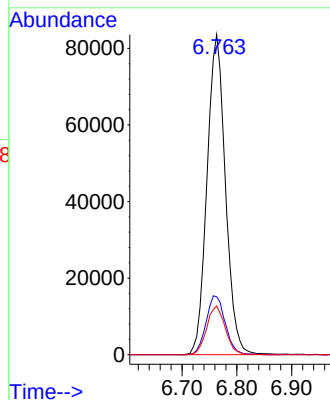


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

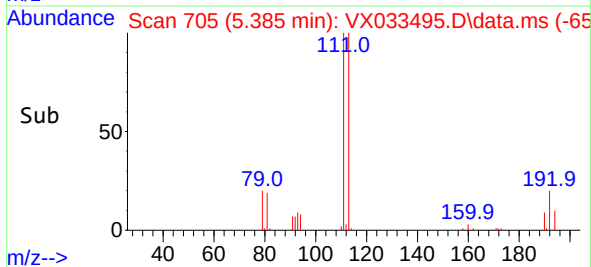
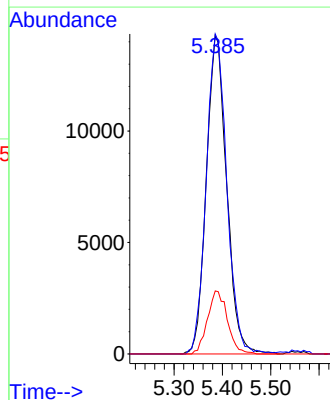
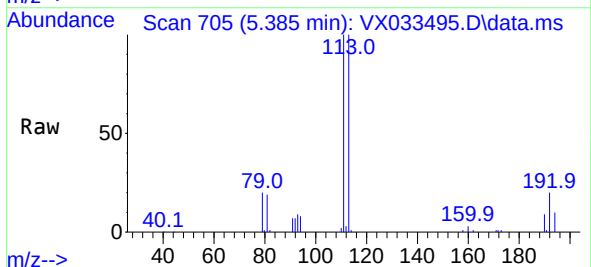


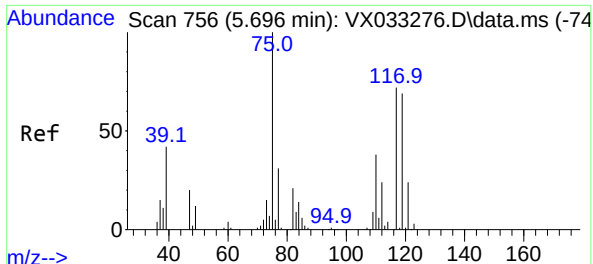
Tgt Ion:114 Resp: 194748
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.488 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

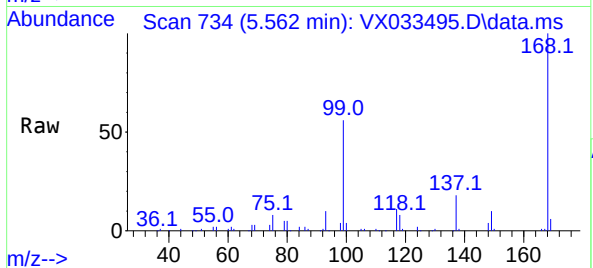
Tgt Ion:113 Resp: 41597
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 15.4 23.2



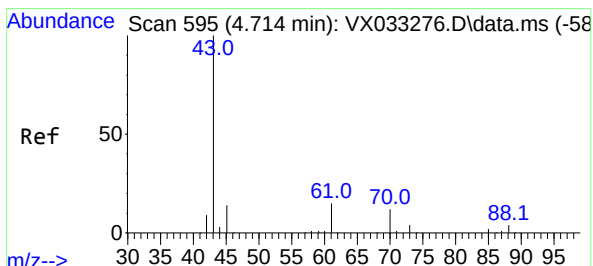
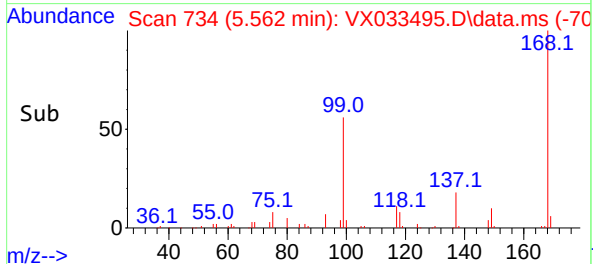
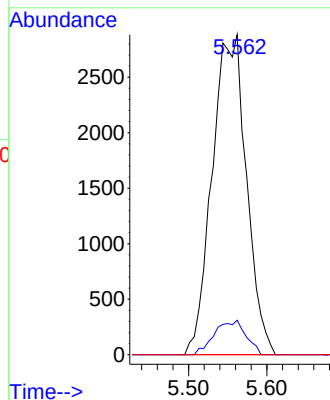


#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

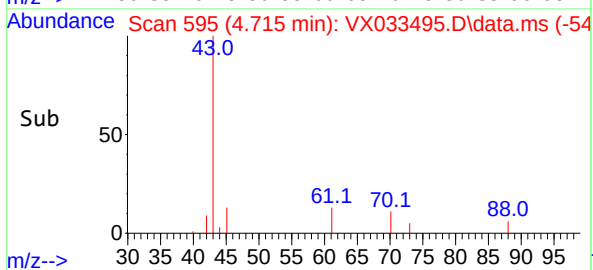
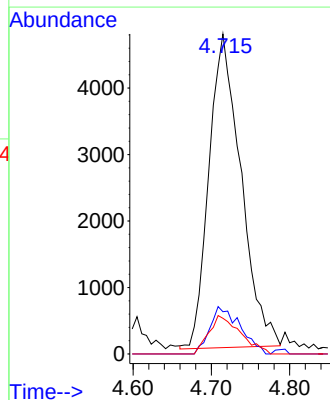
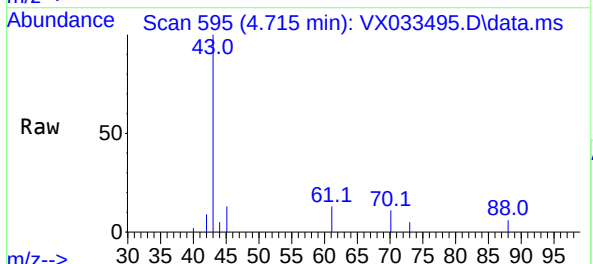


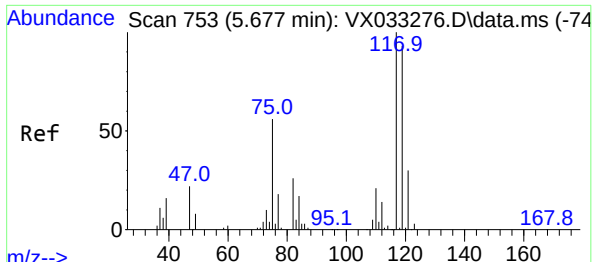
Tgt Ion: 75 Resp: 8751
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 8.286 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

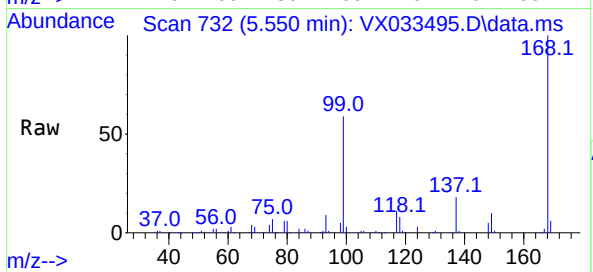
Tgt Ion: 43 Resp: 13376
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 12.1 9.1 13.7



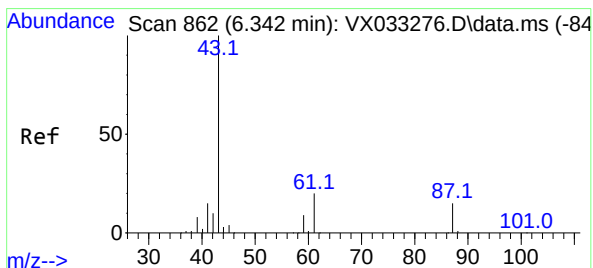
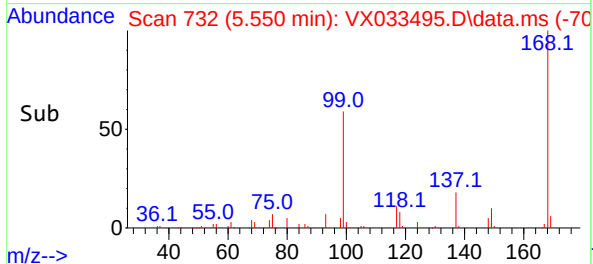
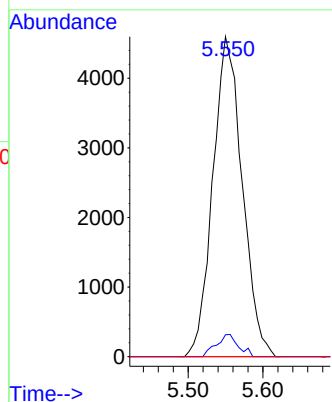


#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

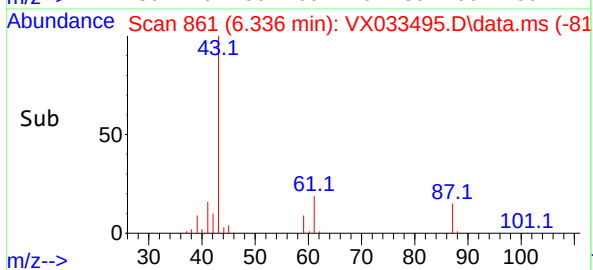
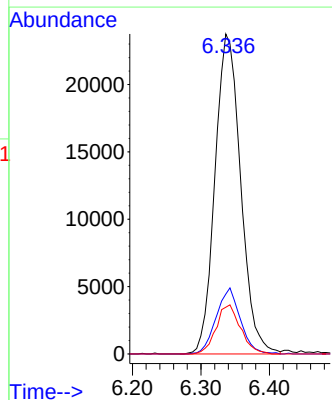
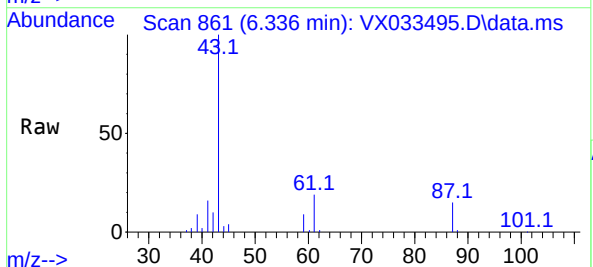


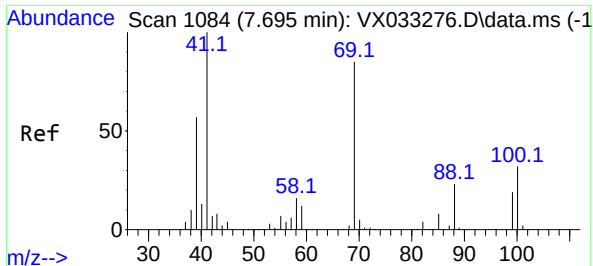
Tgt Ion:117 Resp: 12557
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 23.814 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Tgt Ion: 43 Resp: 61856
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 14.5 10.8 16.2

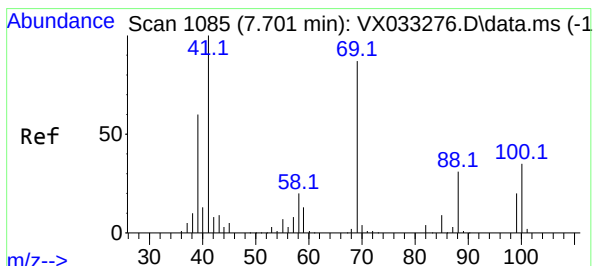
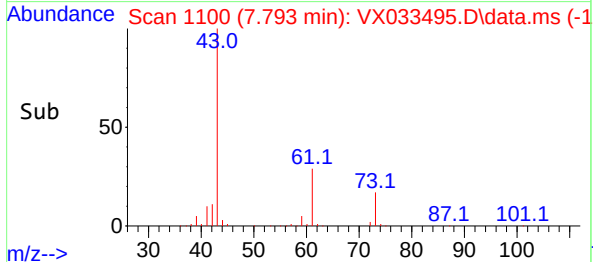
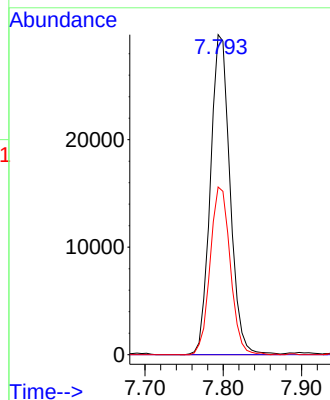
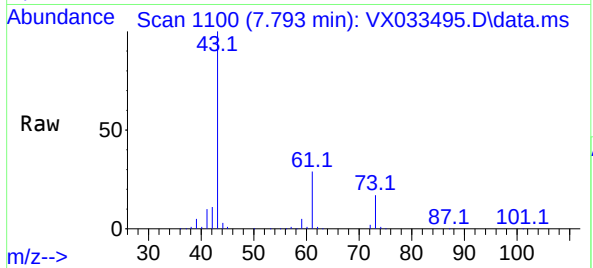




#48
Methyl methacrylate
Concen: 38.590 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

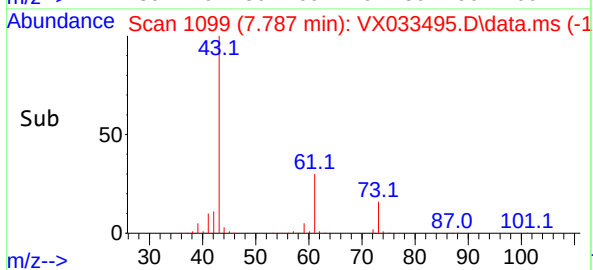
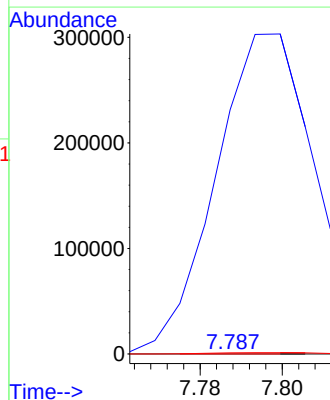
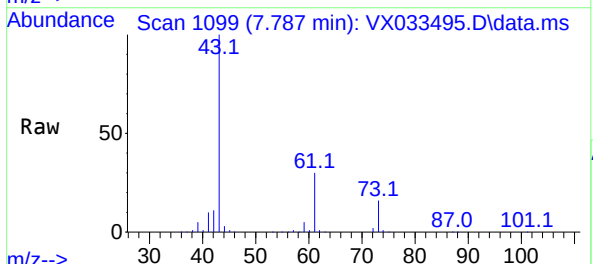
Instrument :
MSVOA_X
ClientSampleId :

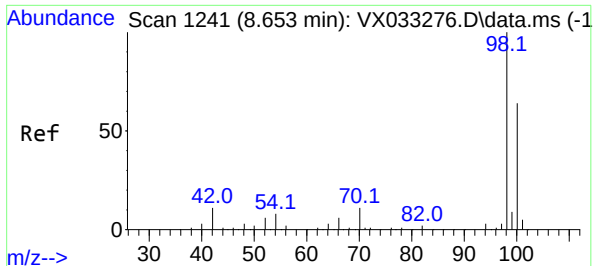
Tgt Ion: 41 Resp: 51732
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 53.8 51.9 77.9



#49
1,4-Dioxane
Concen: 0.851 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.086 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 2041750.0 26.6 39.8#
58 9123.1 51.7 77.5#





#50

Toluene-d8

Concen: 46.672 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033495.D

Acq: 19 Dec 2022 19:45

Instrument :

MSVOA_X

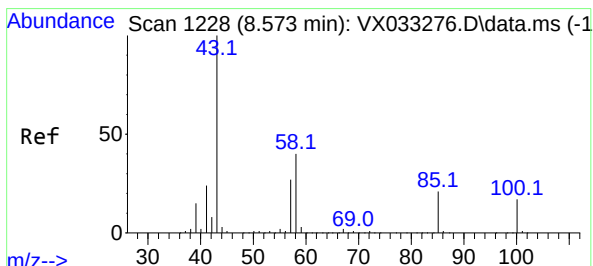
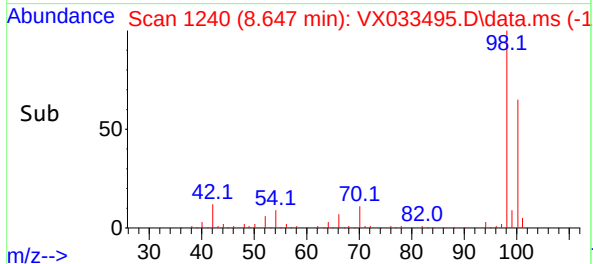
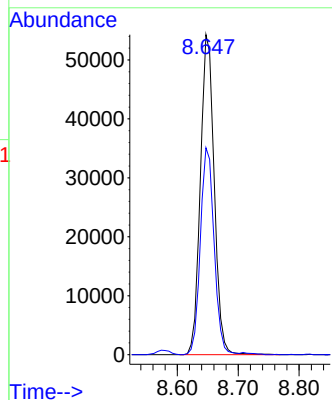
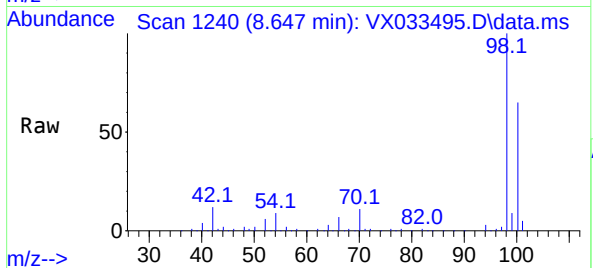
ClientSampleId :

Tgt Ion: 98 Resp: 85522

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 35.003 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX033495.D

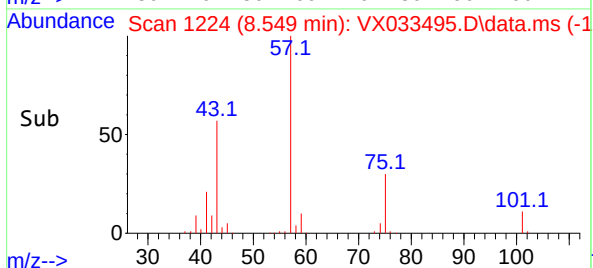
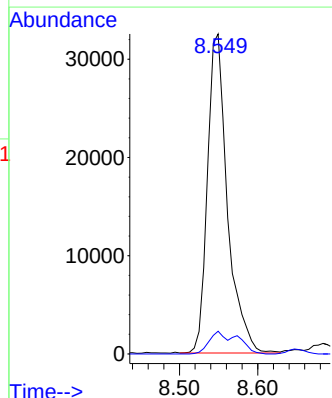
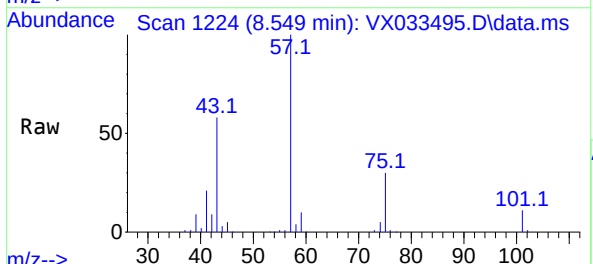
Acq: 19 Dec 2022 19:45

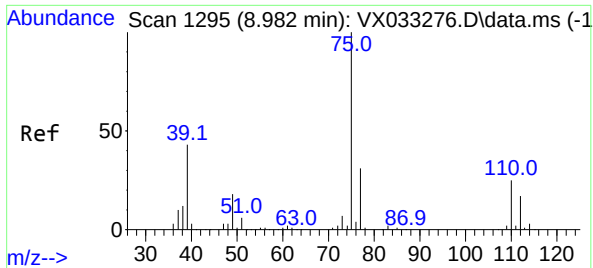
Tgt Ion: 43 Resp: 57496

Ion Ratio Lower Upper

43 100

58 6.0 30.9 46.3#

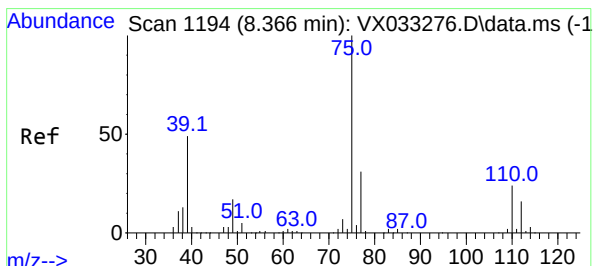
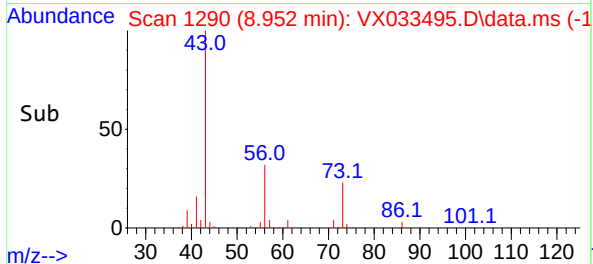
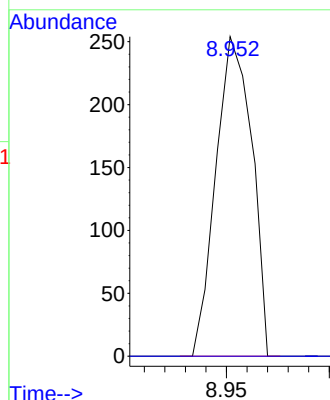
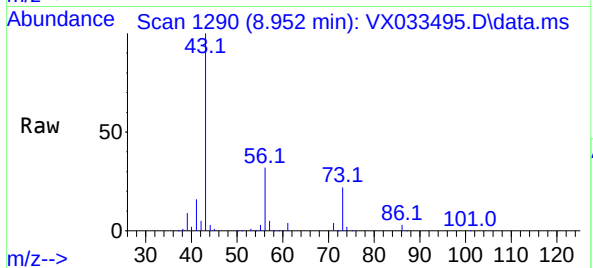




#53
 t-1,3-Dichloropropene
 Concen: 2.651 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VX033495.D
 Acq: 19 Dec 2022 19:45

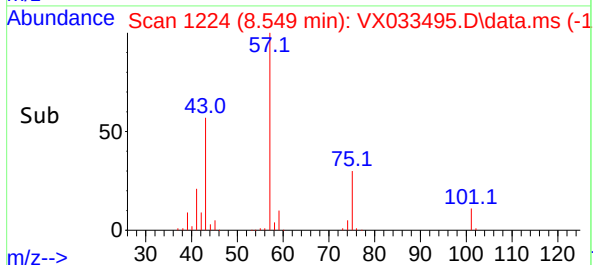
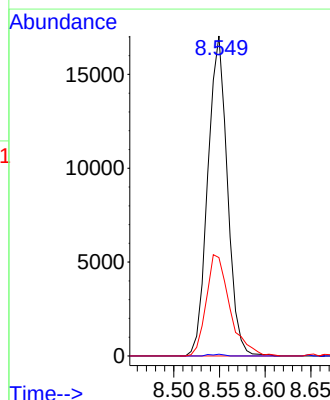
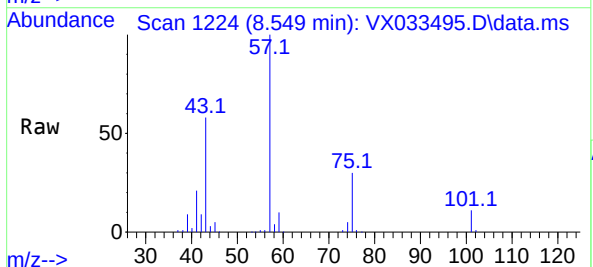
Instrument :
 MSVOA_X
 ClientSampleId :

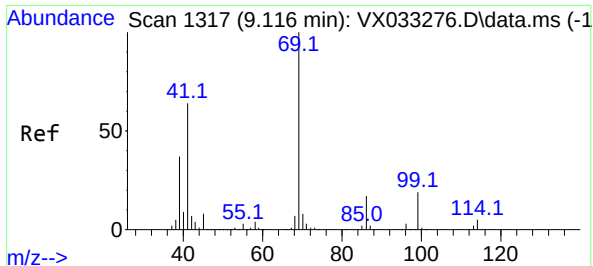
Tgt Ion: 75 Resp: 310
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 12.605 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX033495.D
 Acq: 19 Dec 2022 19:45

Tgt Ion: 75 Resp: 25364
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.1 37.7#
 39 30.8 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.262 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX033495.D

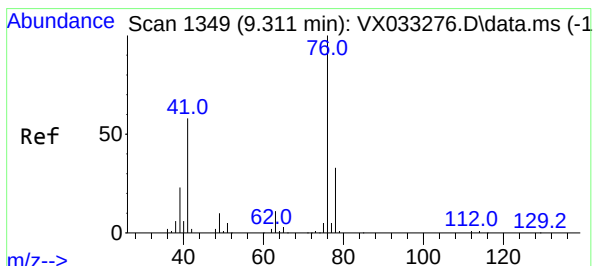
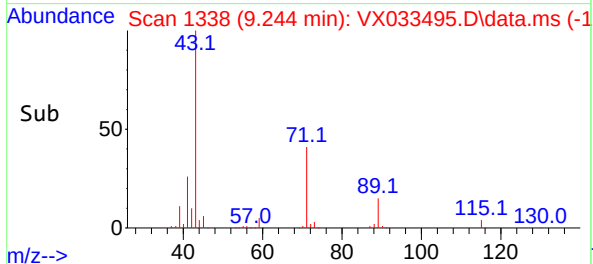
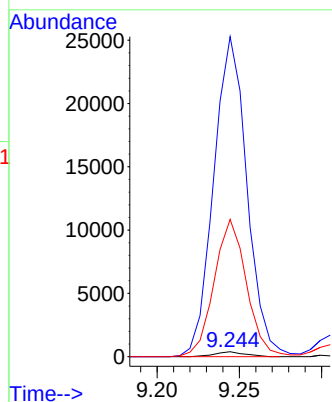
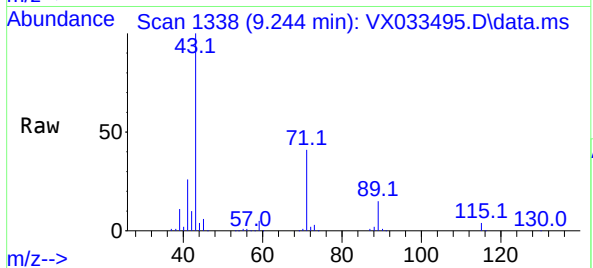
Acq: 19 Dec 2022 19:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	69	Resp:	499
Ion	Ratio	Lower	Upper
69	100		
41	7159.5	54.3	81.5#
39	2986.0	35.2	52.8#



#57

1,3-Dichloropropane

Concen: 1.305 ug/l

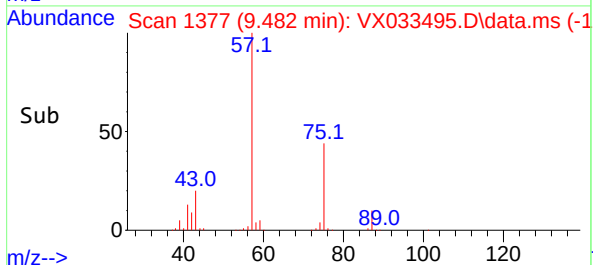
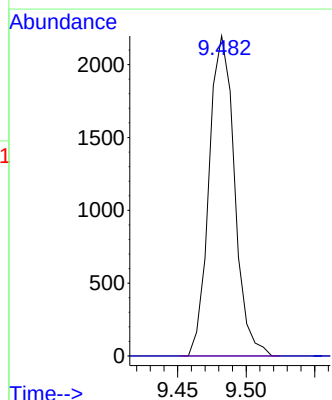
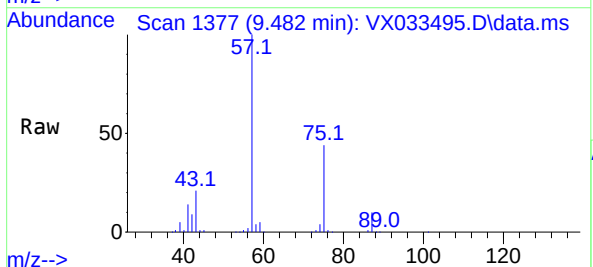
RT: 9.482 min Scan# 1377

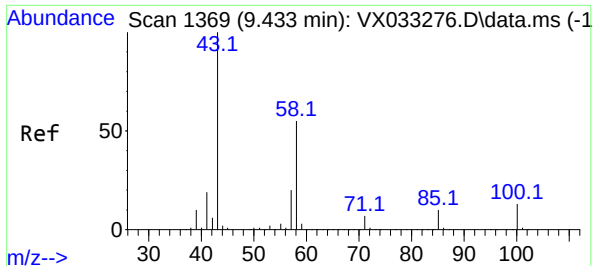
Delta R.T. 0.171 min

Lab File: VX033495.D

Acq: 19 Dec 2022 19:45

Tgt Ion:	76	Resp:	2838
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#





#59

2-Hexanone

Concen: 31.880 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX033495.D

Acq: 19 Dec 2022 19:45

Instrument :

MSVOA_X

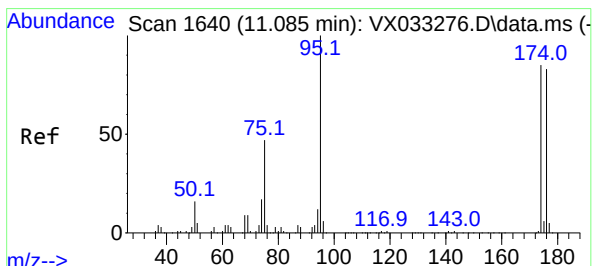
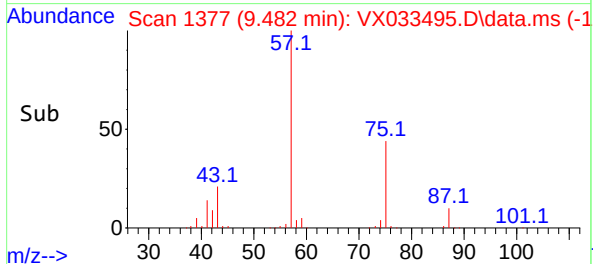
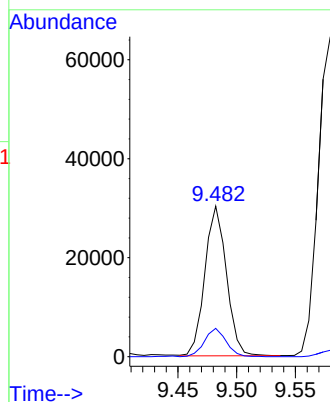
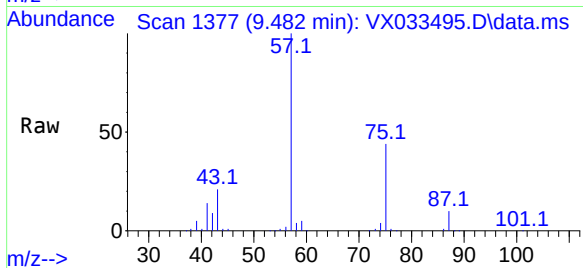
ClientSampleId :

Tgt Ion: 43 Resp: 38590

Ion Ratio Lower Upper

43 100

58 19.3 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 47.364 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033495.D

Acq: 19 Dec 2022 19:45

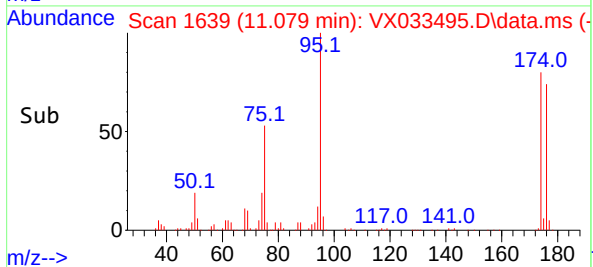
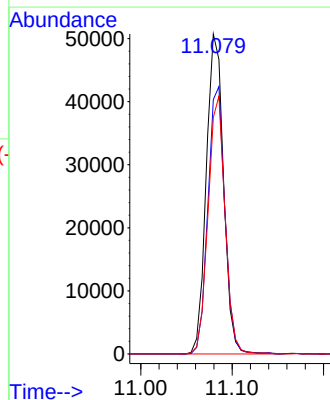
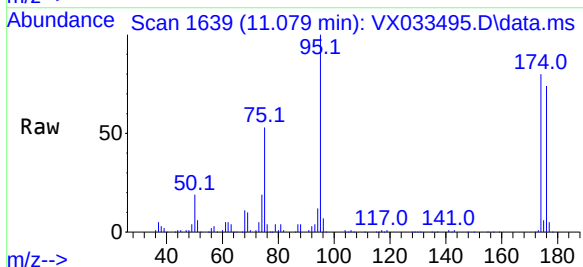
Tgt Ion: 95 Resp: 66362

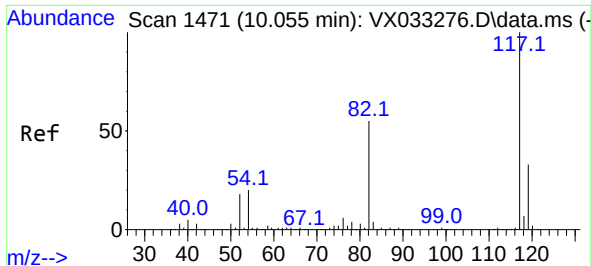
Ion Ratio Lower Upper

95 100

174 82.3 0.0 164.0

176 79.3 0.0 154.4

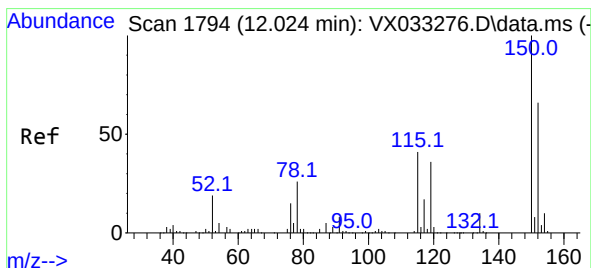
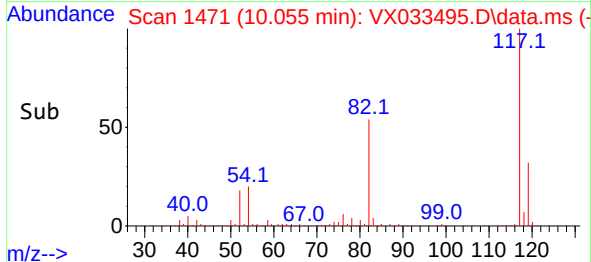
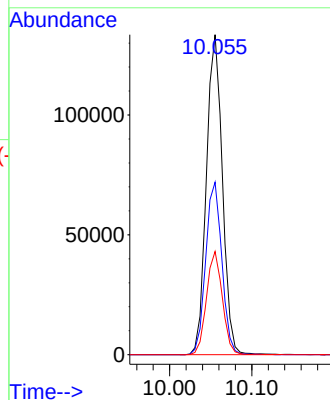
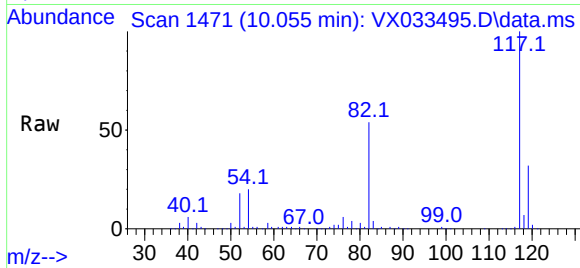




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

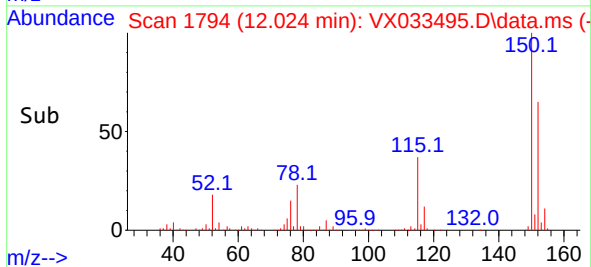
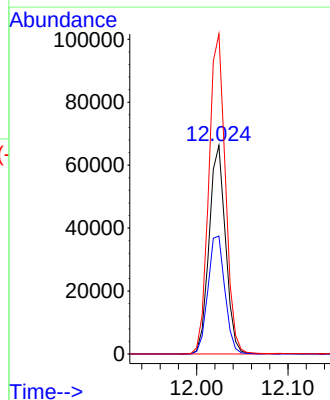
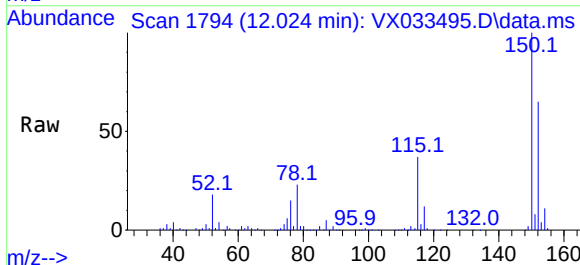
Instrument :
MSVOA_X
ClientSampleId :

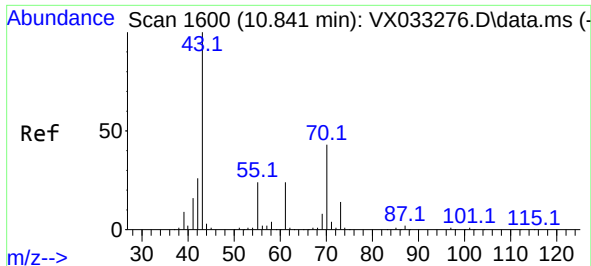
Tgt Ion:117 Resp: 180687
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

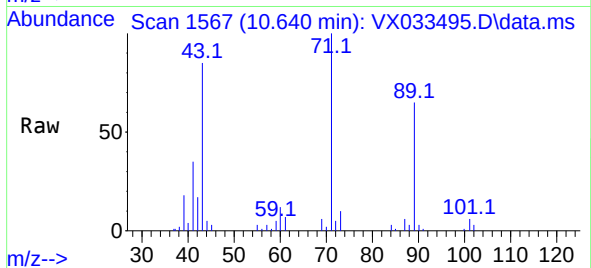
Tgt Ion:152 Resp: 82537
Ion Ratio Lower Upper
152 100
115 58.4 44.0 132.0
150 155.2 0.0 351.8



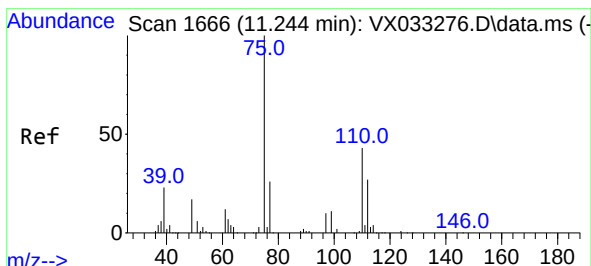
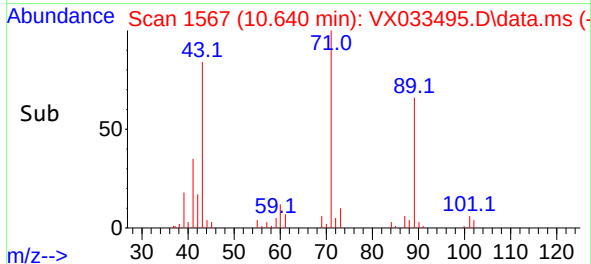
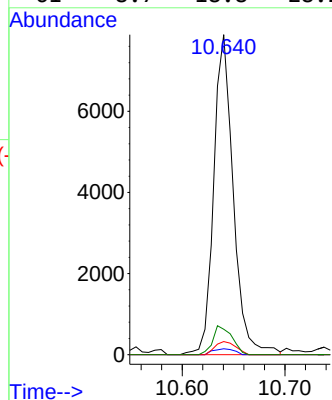


#74
N-amy1 acetate
Concen: 5.104 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :

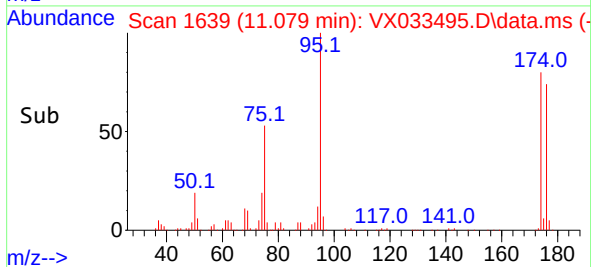
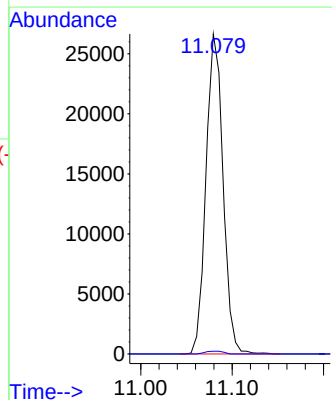
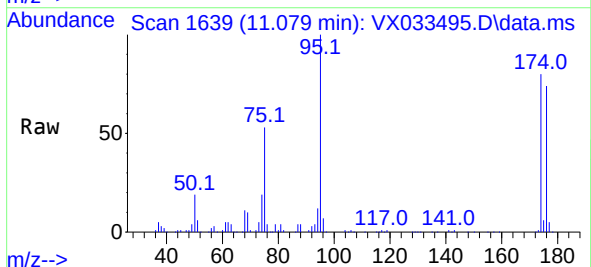


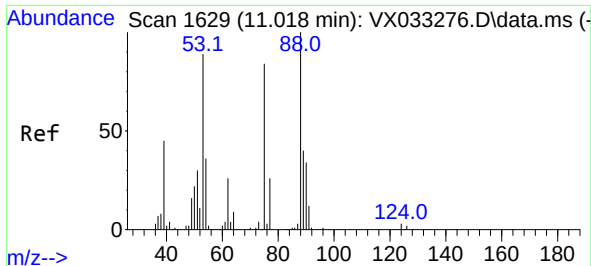
Tgt Ion:	43	Resp:	10418
Ion	Ratio	Lower	Upper
43	100		
70	2.0	33.6	50.4#
55	4.3	19.4	29.2#
61	8.7	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 20.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033495.D
Acq: 19 Dec 2022 19:45

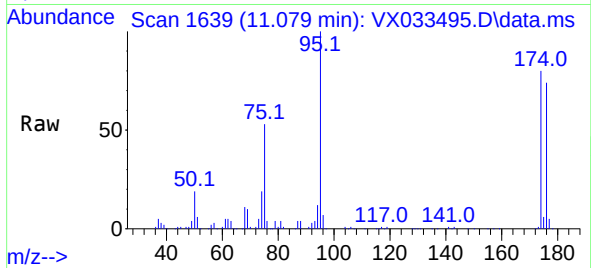
Tgt Ion:	75	Resp:	34412
Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.746 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX033495.D
 Acq: 19 Dec 2022 19:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34412
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

