

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033443.D
 Acq On : 15 Dec 2022 15:36
 Operator : JC/MD
 Sample : PB149654TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149654TB

Quant Time: Dec 16 01:03:38 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)

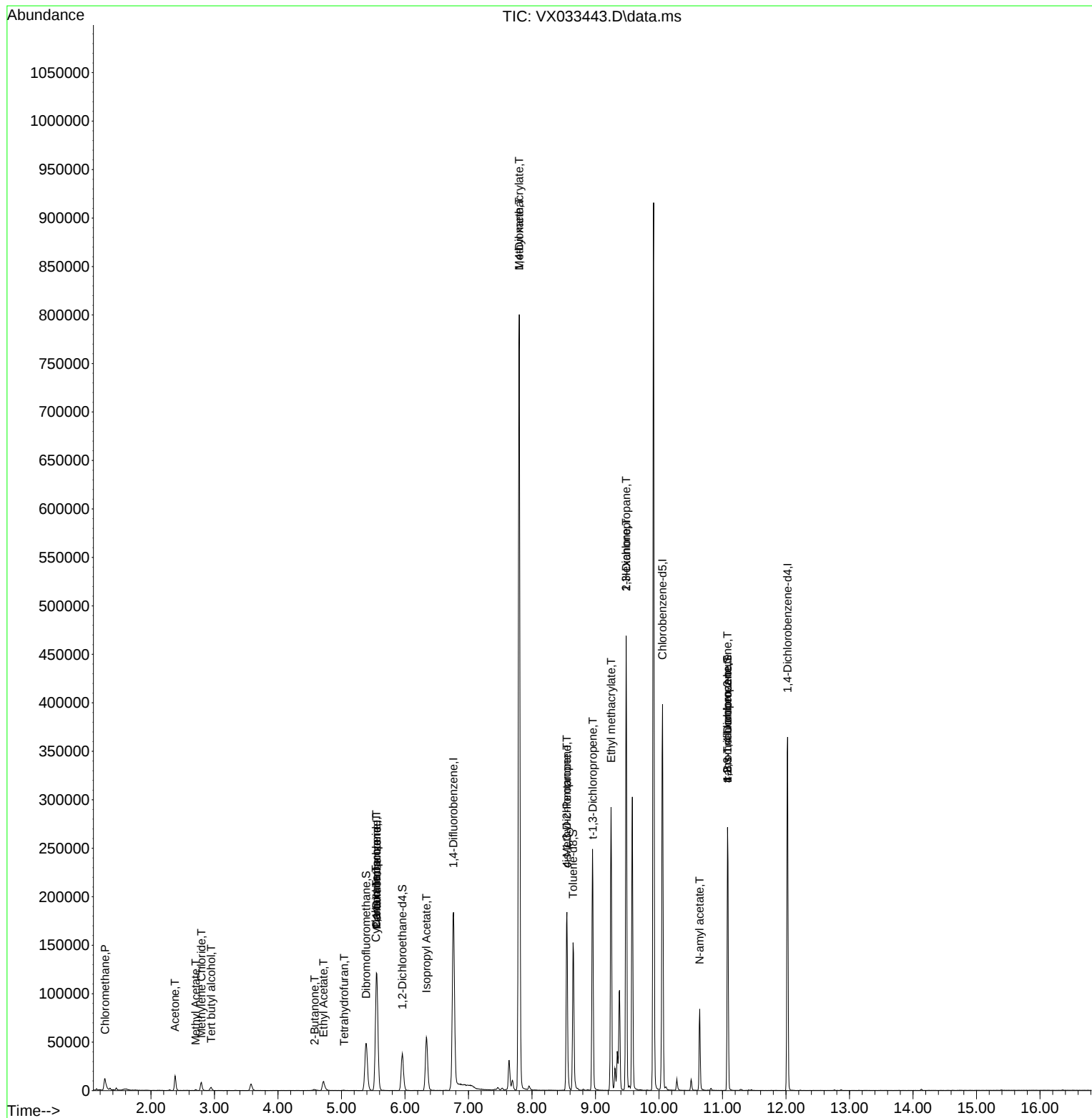
Internal Standards						
1) Pentafluorobenzene	5.556	168	116499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38278	51.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.440%	
35) Dibromofluoromethane	5.385	113	43452	50.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.647	98	91712	50.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	11.079	95	70923	51.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	467	0.496	ug/l #	43
11) Tert butyl alcohol	2.947	59	2199	9.624	ug/l #	72
16) Acetone	2.380	43	16428	29.705	ug/l	98
18) Methyl Acetate	2.703	43	1220	0.762	ug/l	92
20) Methylene Chloride	2.794	84	4307	3.492	ug/l	93
25) 2-Butanone	4.574	43	1608	2.026	ug/l #	70
29) Tetrahydrofuran	5.044	42	330	0.642	ug/l #	35
31) Cyclohexane	5.544	56	2251	1.267	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	8897	5.298	ug/l #	50
37) Ethyl Acetate	4.715	43	17014	10.719	ug/l	98
38) Carbon Tetrachloride	5.550	117	12394	6.588	ug/l #	15
43) Isopropyl Acetate	6.336	43	73764	28.881	ug/l	99
48) Methyl methacrylate	7.799	41	69636	52.829	ug/l #	42
49) 1,4-Dioxane	7.799	88	69	2.296	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63393	39.249	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	558	2.771	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29655	14.988	ug/l #	60
56) Ethyl methacrylate	9.244	69	595	0.318	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4084	1.911	ug/l #	42
59) 2-Hexanone	9.482	43	53416	44.878	ug/l #	52
74) N-amyl acetate	10.640	43	19997	10.217	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	36542	22.693	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36542	70.591	ug/l #	6

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

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QLast Update : Wed Dec 07 12:43:54 2022
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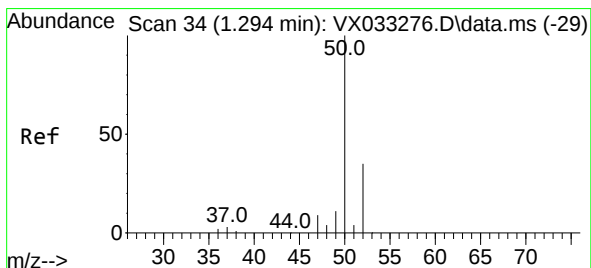
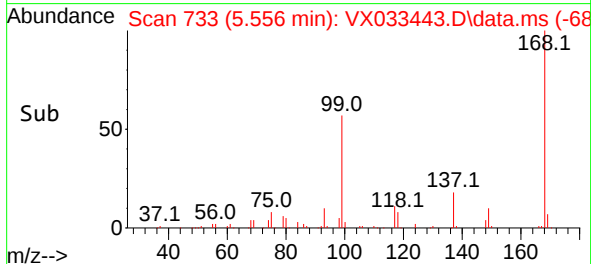
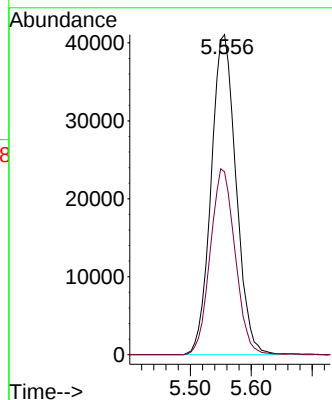
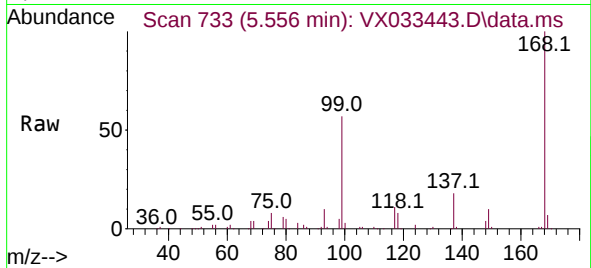




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

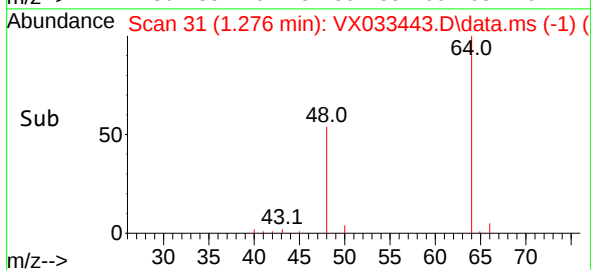
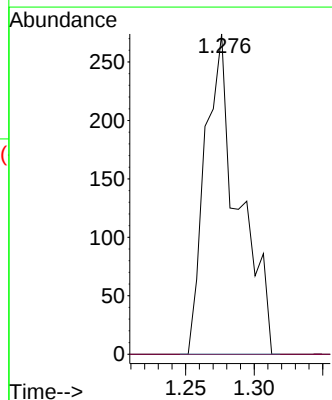
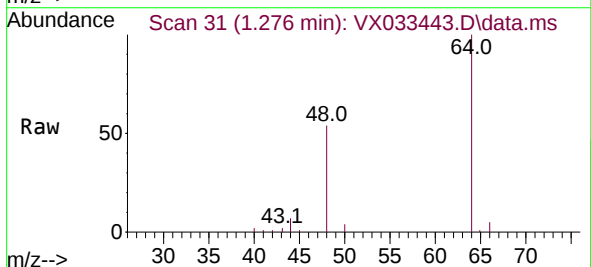
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

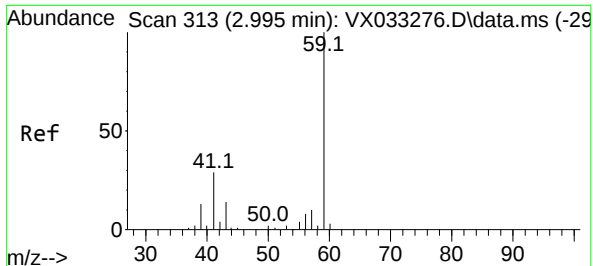
Tgt Ion:168 Resp: 116499
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#3
Chloromethane
Concen: 0.496 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 9.624 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX033443.D

Acq: 15 Dec 2022 15:36

Instrument :

MSVOA_X

ClientSampleId :

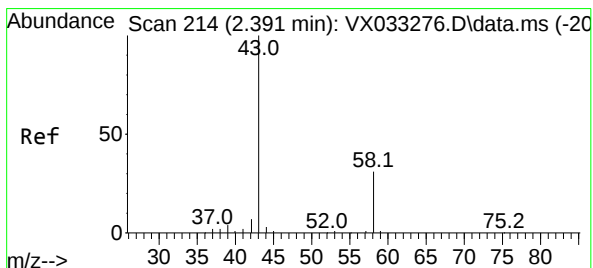
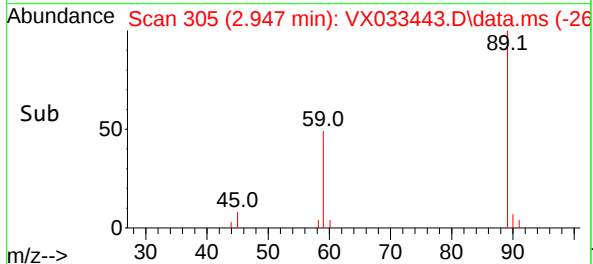
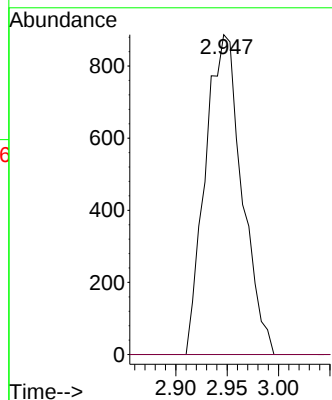
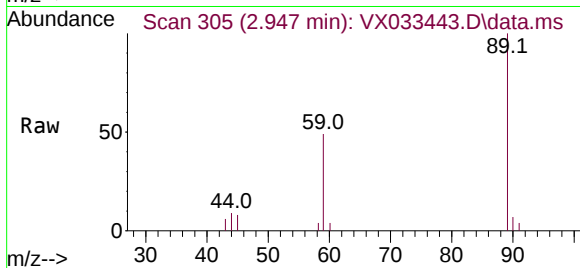
PB149654TB

Tgt Ion: 59 Resp: 2199

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 29.705 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX033443.D

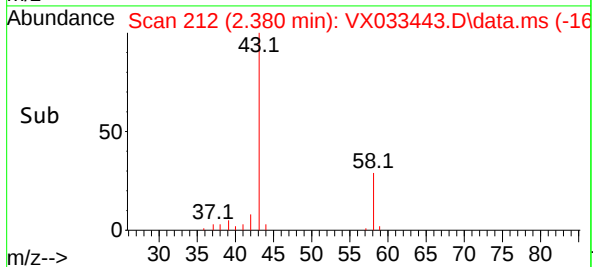
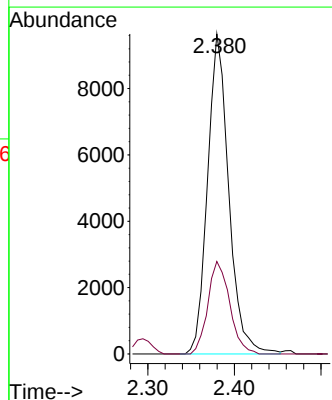
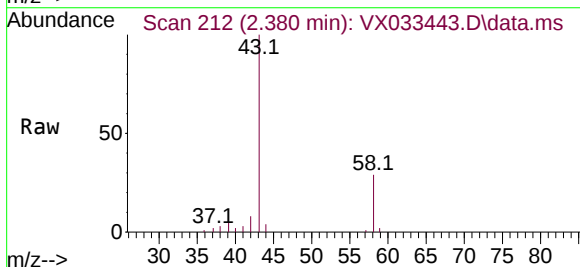
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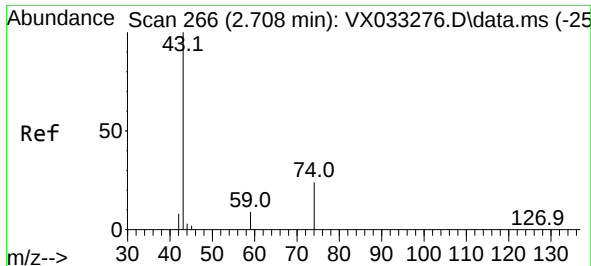
Tgt Ion: 43 Resp: 16428

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.8





#18

Methyl Acetate

Concen: 0.762 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX033443.D

Acq: 15 Dec 2022 15:36

Instrument :

MSVOA_X

ClientSampleId :

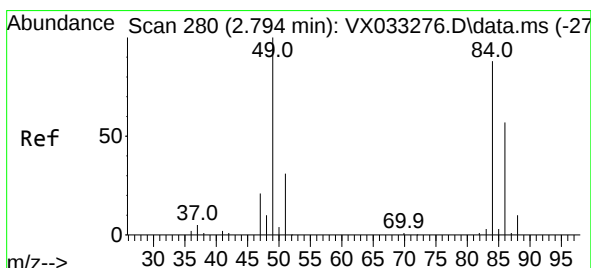
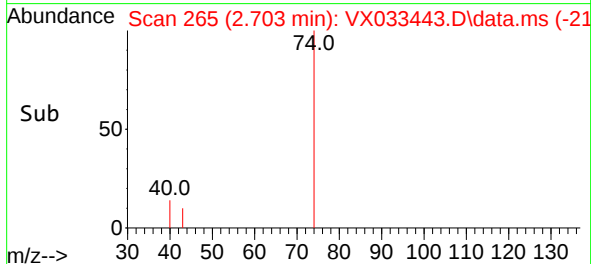
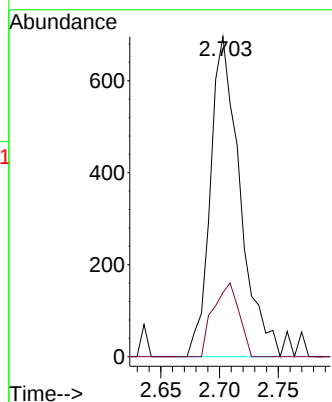
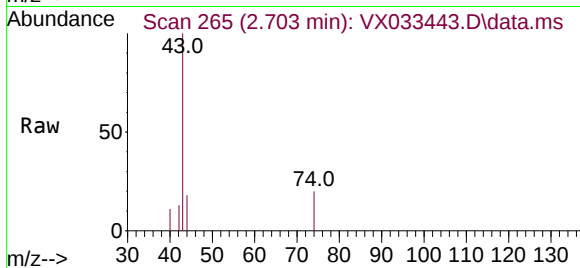
PB149654TB

Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

74 20.0 19.4 29.0



#20

Methylene Chloride

Concen: 3.492 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033443.D

Acq: 15 Dec 2022 15:36

Tgt Ion: 84 Resp: 4307

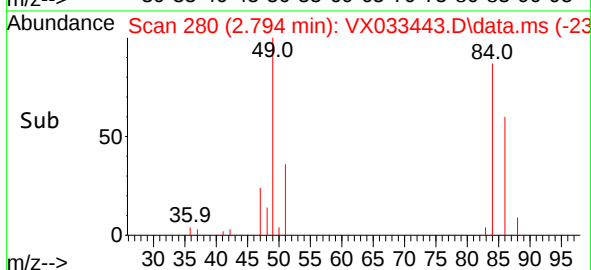
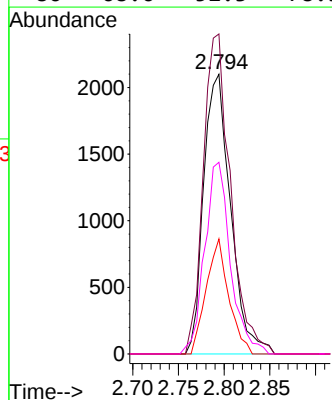
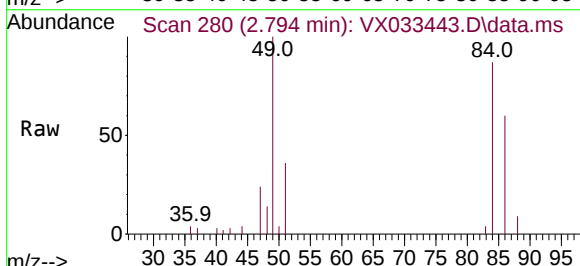
Ion Ratio Lower Upper

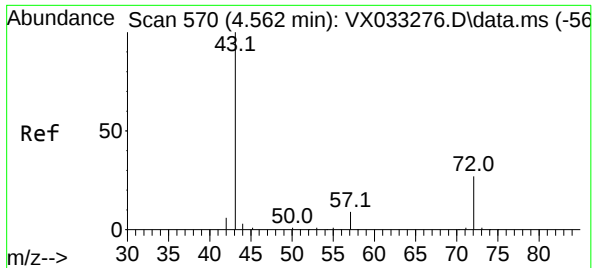
84 100

49 114.4 101.0 151.6

51 41.2 31.1 46.7

86 68.6 52.3 78.5

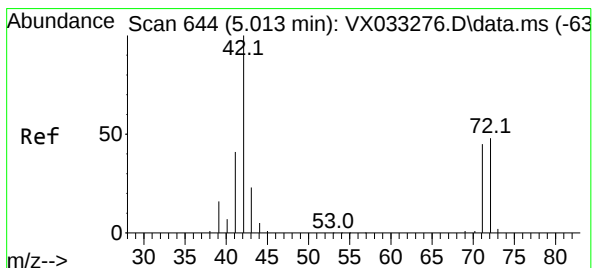
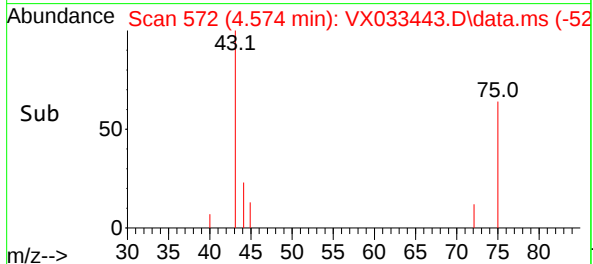
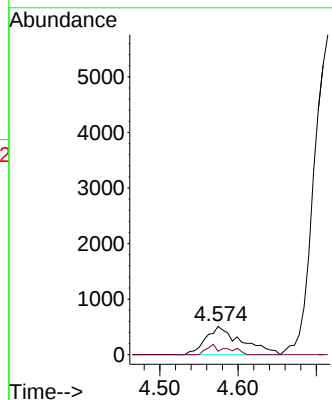
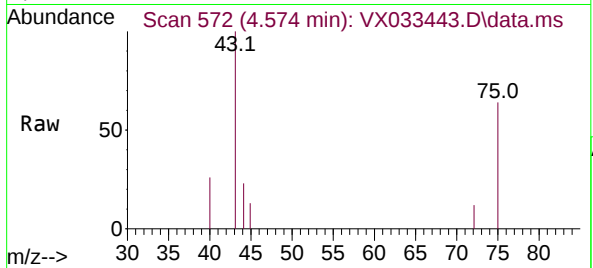




#25
2-Butanone
Concen: 2.026 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

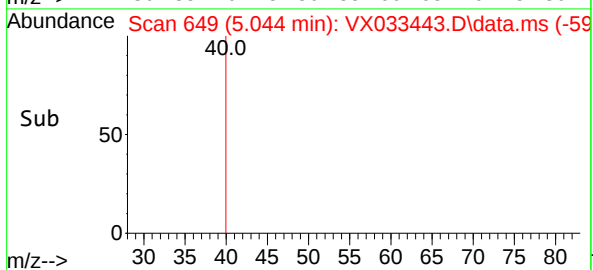
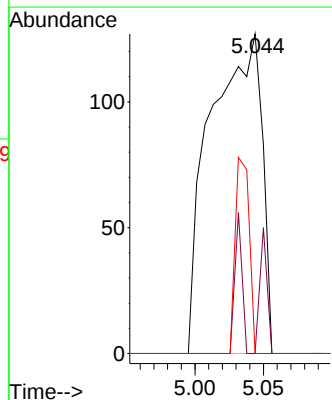
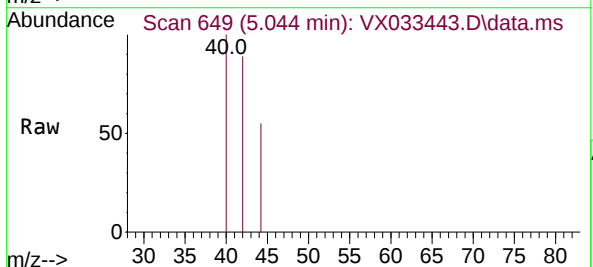
Instrument :
MSVOA_X
ClientSampleId :
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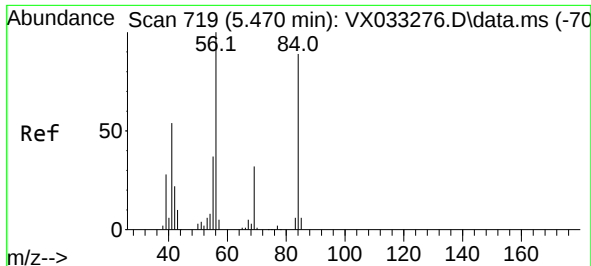
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
72 11.8 22.2 33.2#



#29
Tetrahydrofuran
Concen: 0.642 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

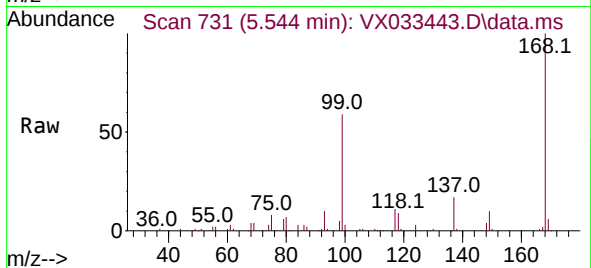
Tgt Ion: 42 Resp: 330
Ion Ratio Lower Upper
42 100
72 5.5 37.6 56.4#
71 0.0 34.7 52.1#



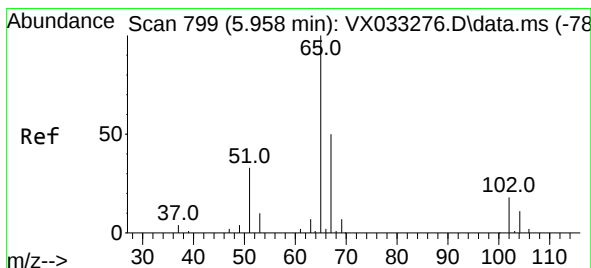
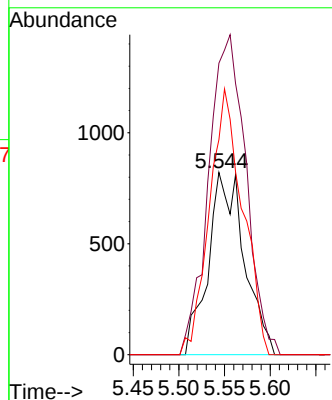
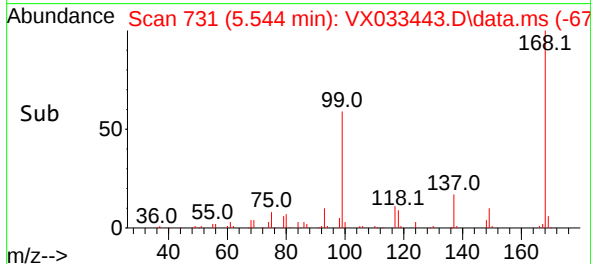


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

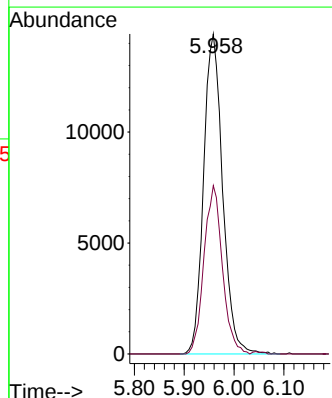
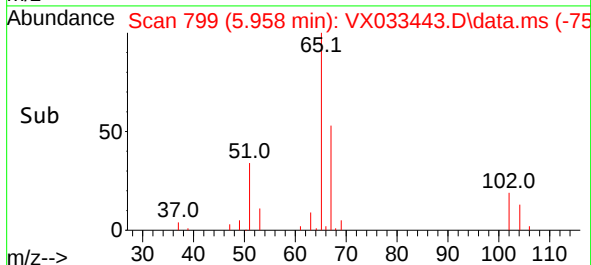
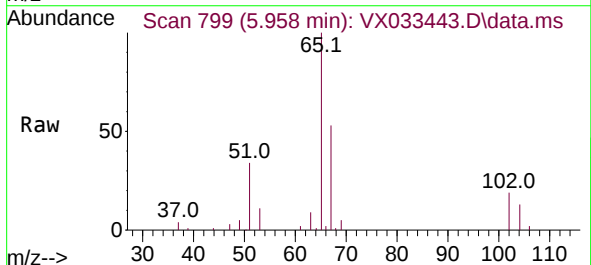


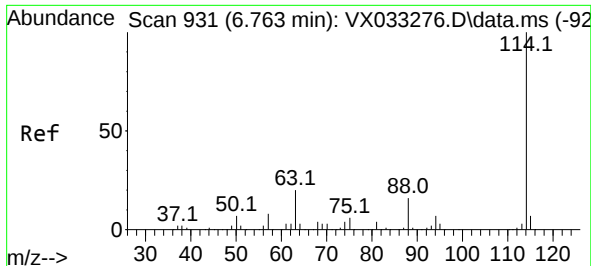
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 160.0 24.1 36.1#
84 118.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 65 Resp: 38278
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

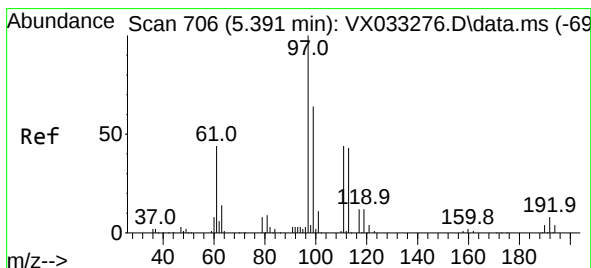
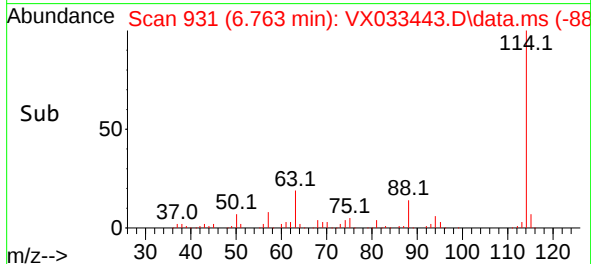
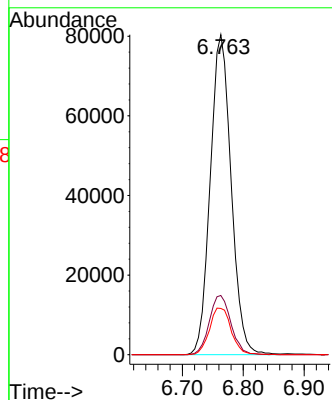
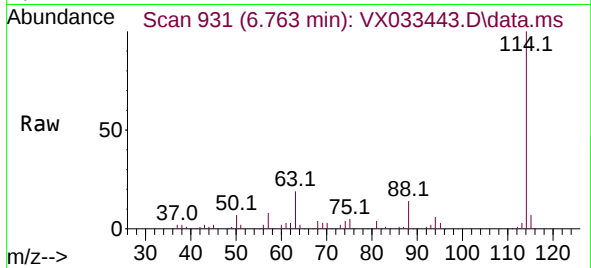




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

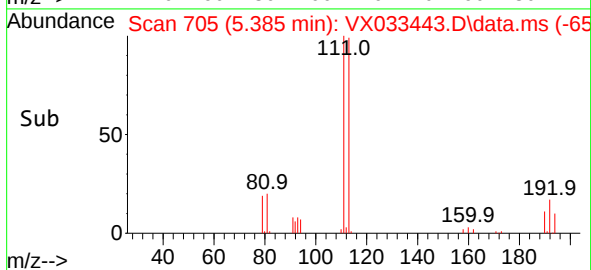
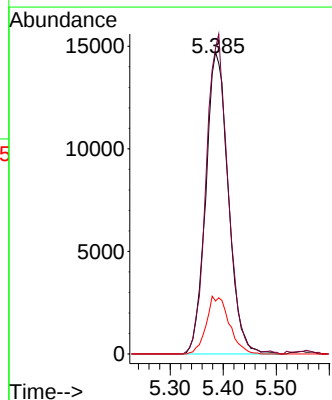
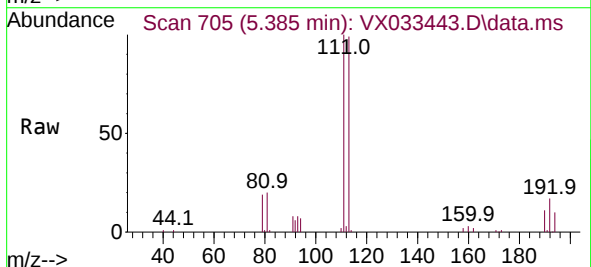
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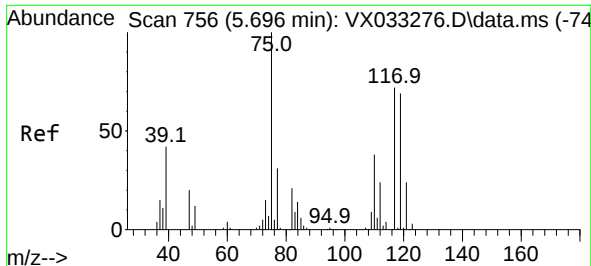
Tgt Ion:114 Resp: 191491
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 14.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.450 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion:113 Resp: 43452
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.4 15.4 23.2

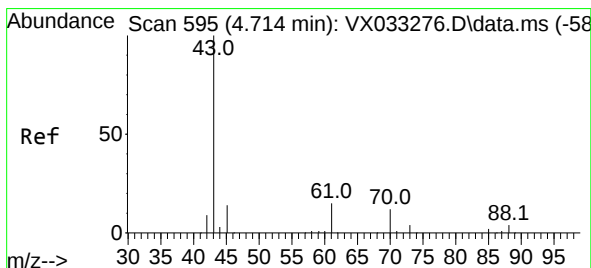
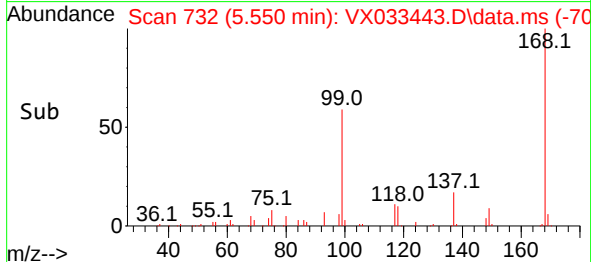
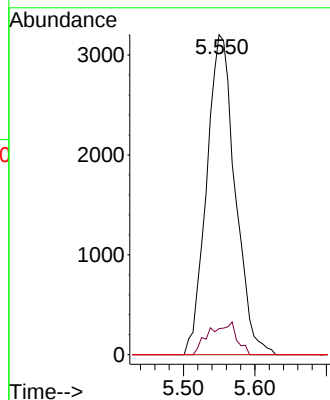
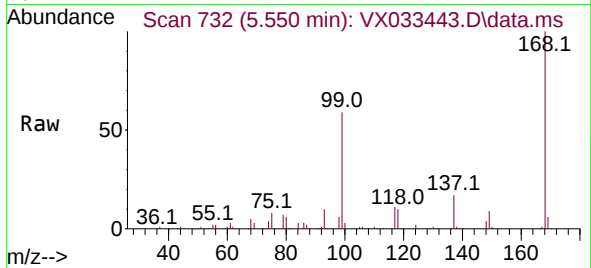




#36
1,1-Dichloropropene
Concen: 5.298 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

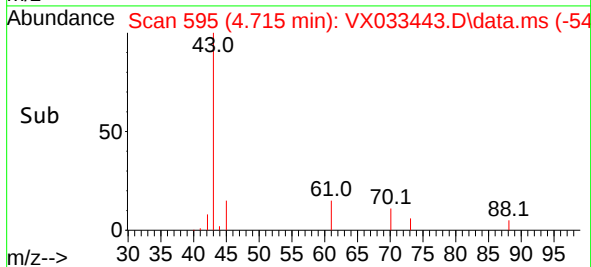
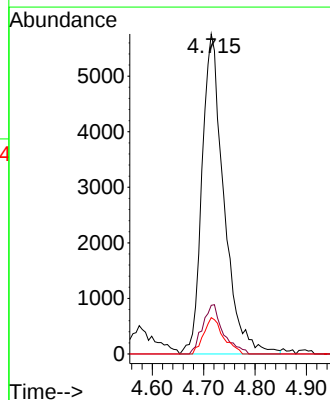
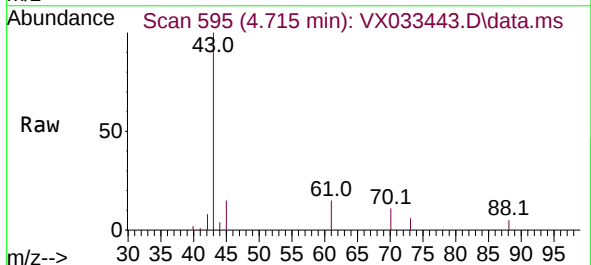
Instrument :
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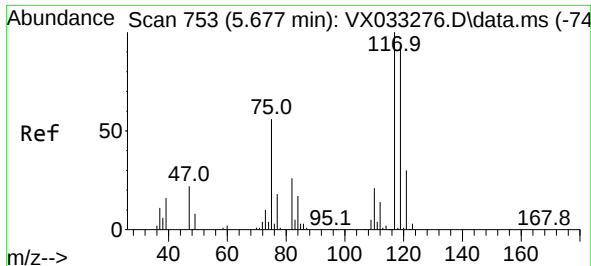
Tgt Ion: 75 Resp: 8897
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 10.719 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 43 Resp: 17014
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 10.2 9.1 13.7

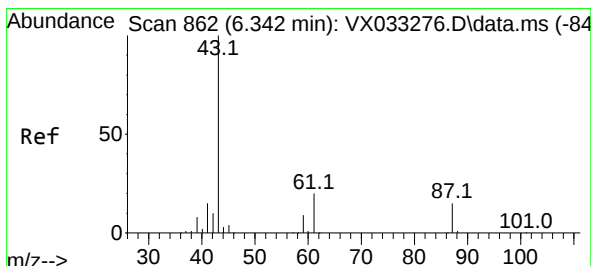
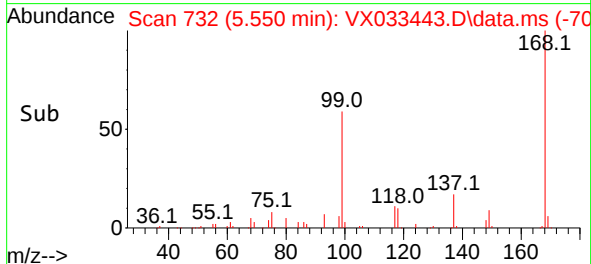
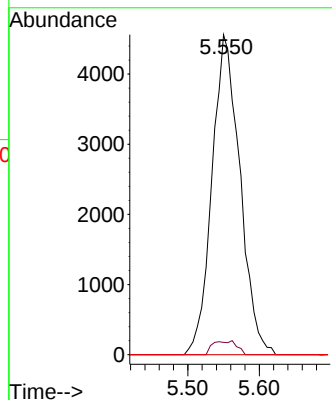
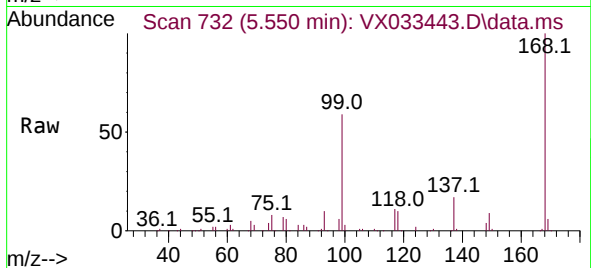




#38
Carbon Tetrachloride
Concen: 6.588 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

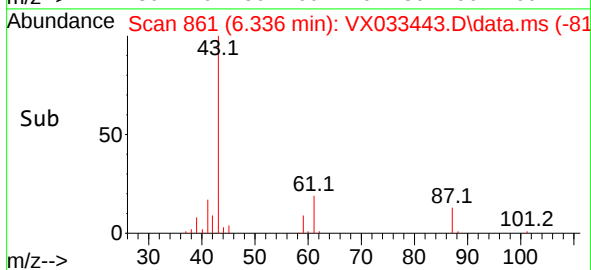
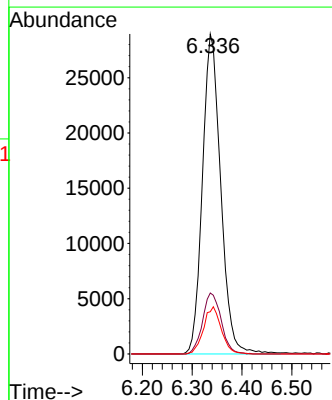
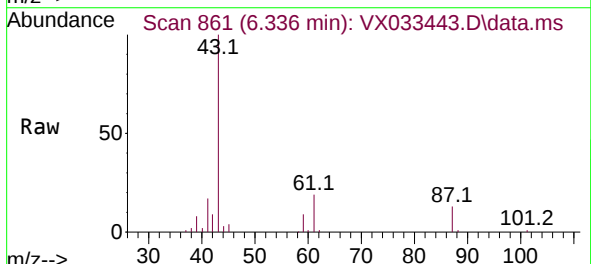
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

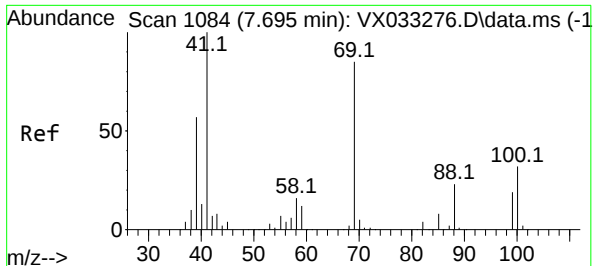
Tgt Ion:117 Resp: 12394
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 28.881 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 43 Resp: 73764
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 14.3 10.8 16.2

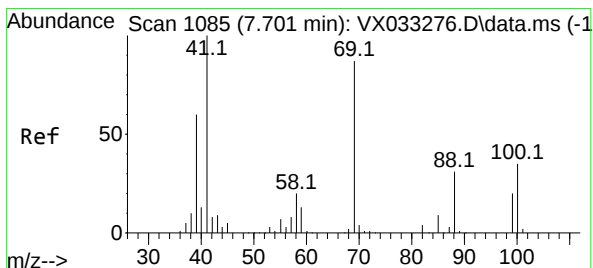
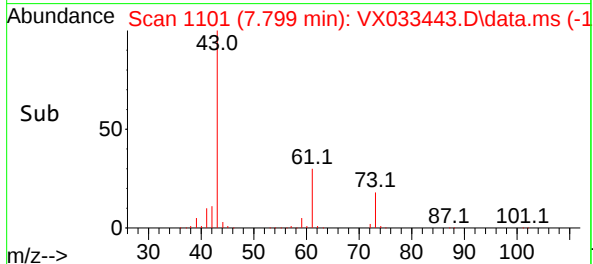
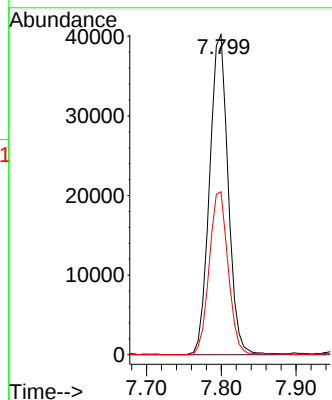
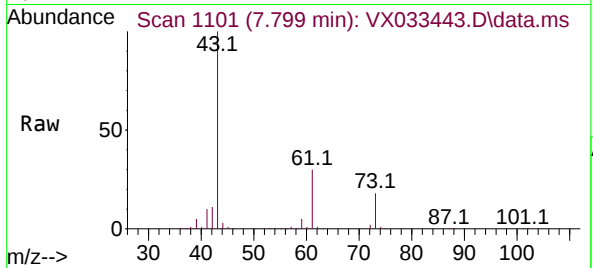




#48
Methyl methacrylate
Concen: 52.829 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

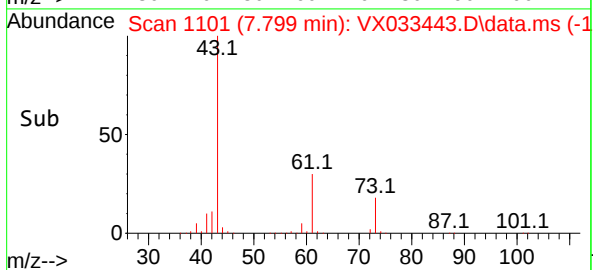
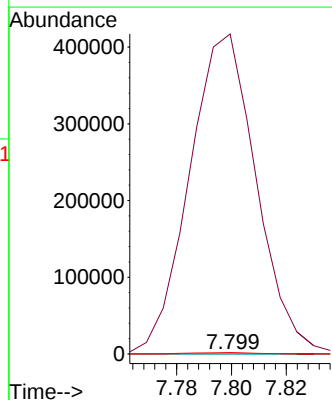
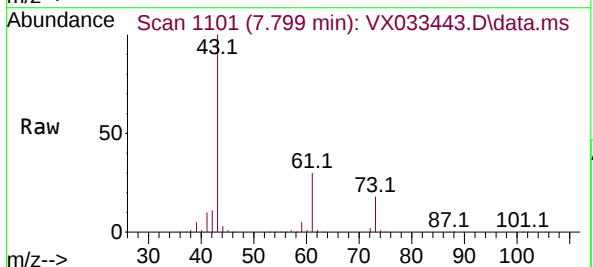
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

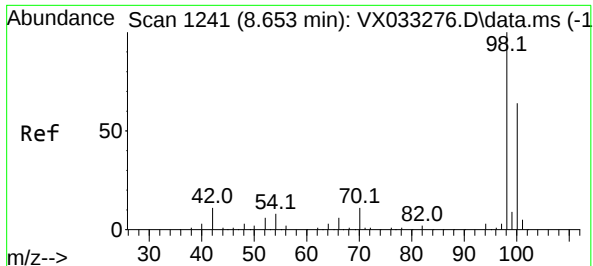
Tgt Ion: 41 Resp: 69636
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 51.6 51.9 77.9#



#49
1,4-Dioxane
Concen: 2.296 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.098 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 1035221.7 26.6 39.8#
58 4458.0 51.7 77.5#

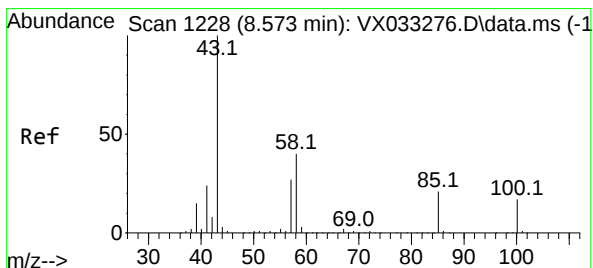
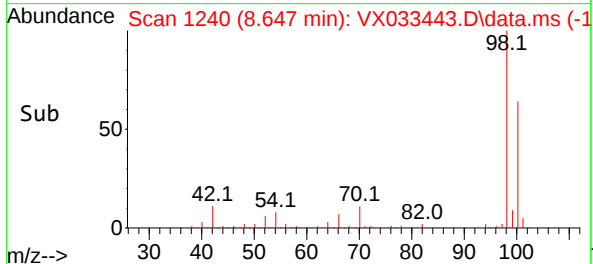
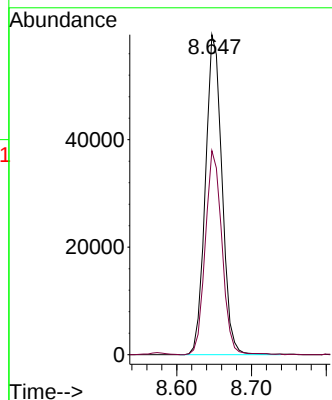
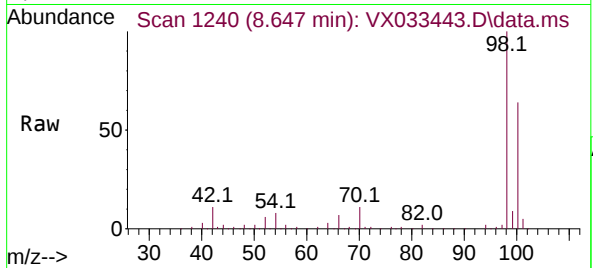




#50
Toluene-d8
Concen: 50.901 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

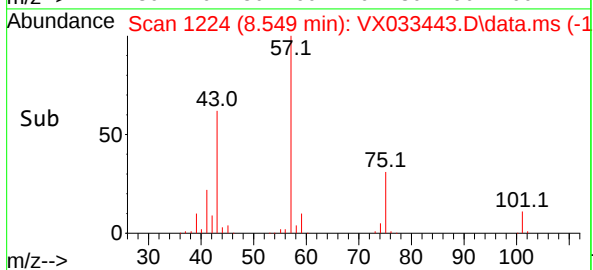
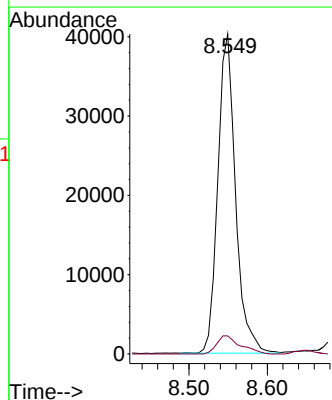
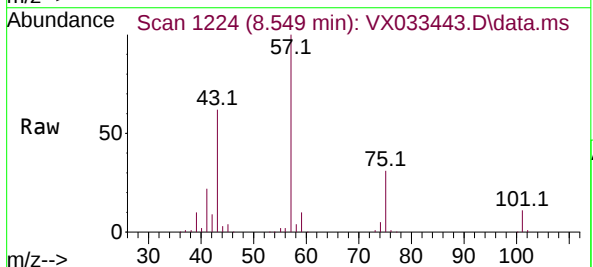
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

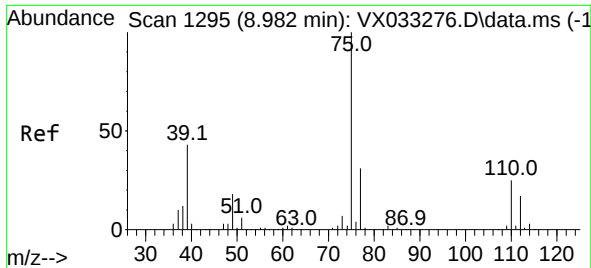
Tgt Ion: 98 Resp: 91712
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 39.249 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 43 Resp: 63393
Ion Ratio Lower Upper
43 100
58 7.6 30.9 46.3#

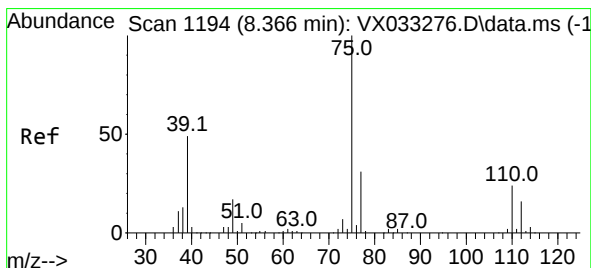
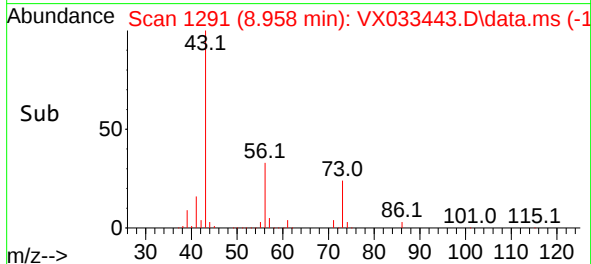
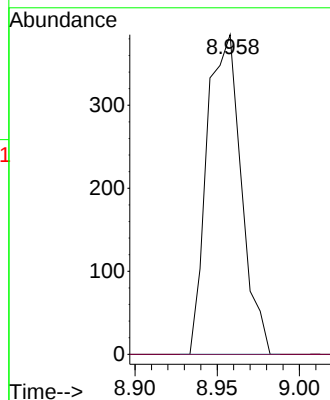
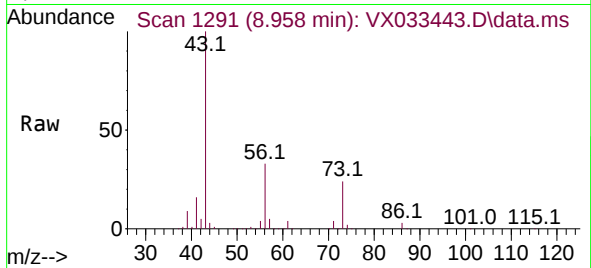




#53
t-1,3-Dichloropropene
Concen: 2.771 ug/l
RT: 8.958 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

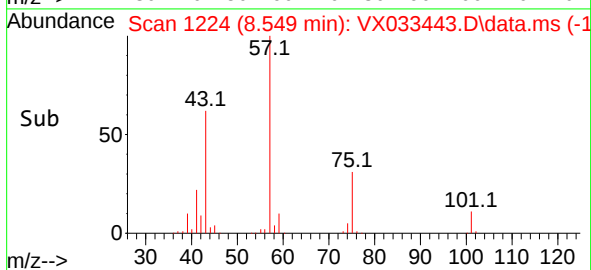
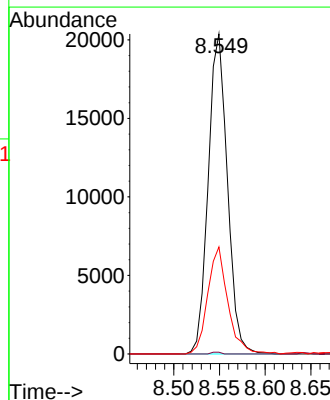
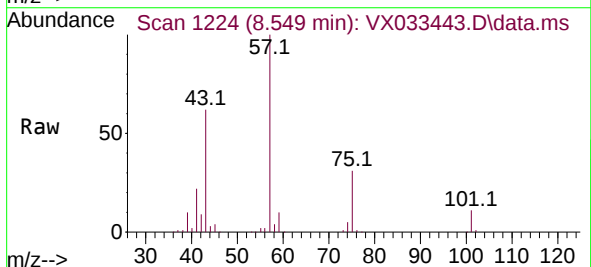
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

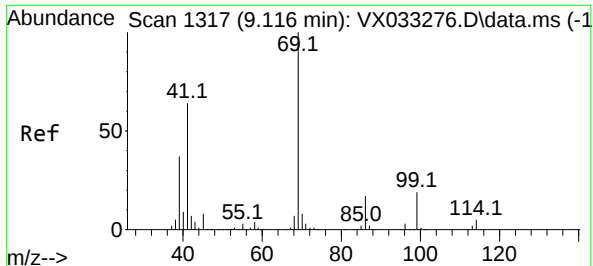
Tgt Ion: 75 Resp: 558
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 14.988 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 75 Resp: 29655
Ion Ratio Lower Upper
75 100
77 0.5 25.1 37.7#
39 33.5 45.5 68.3#

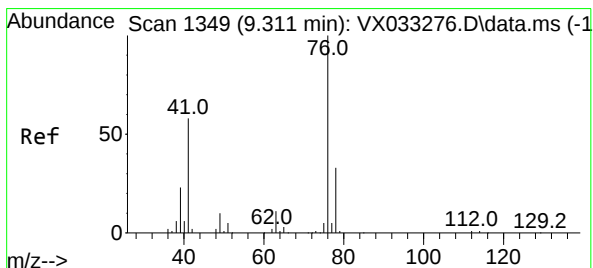
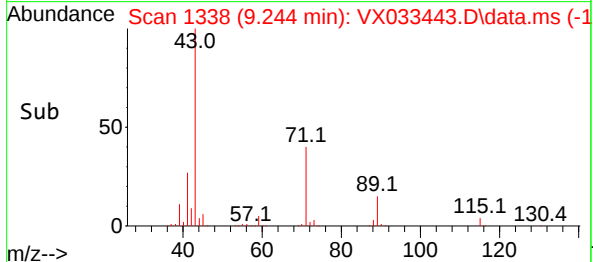
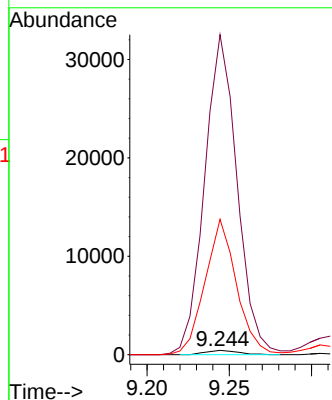
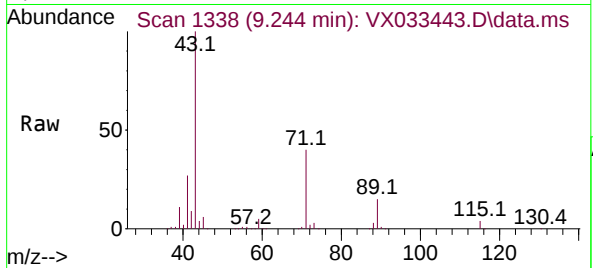




#56
Ethyl methacrylate
Concen: 0.318 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

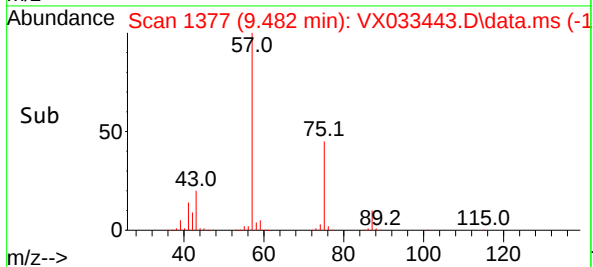
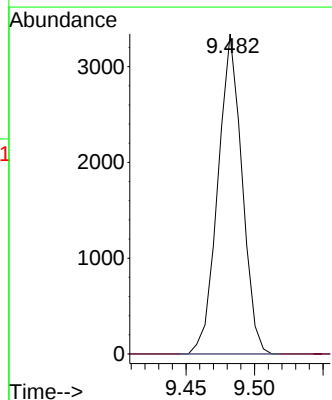
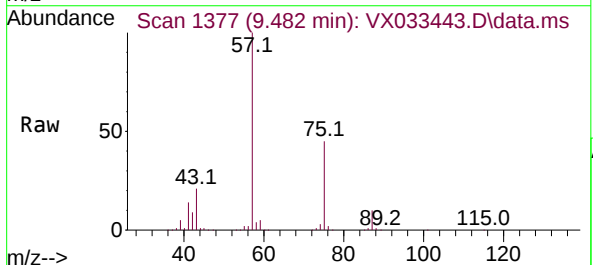
Instrument :
MSVOA_X
ClientSampleId :
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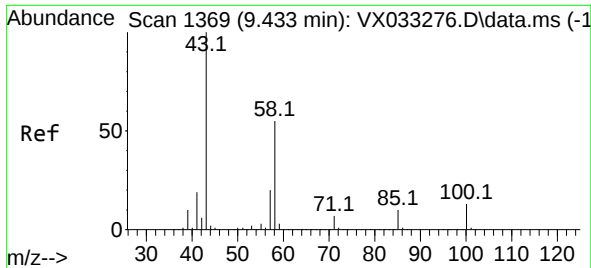
Tgt Ion: 69 Resp: 595
Ion Ratio Lower Upper
69 100
41 7559.3 54.3 81.5#
39 3090.1 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.911 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 76 Resp: 4084
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

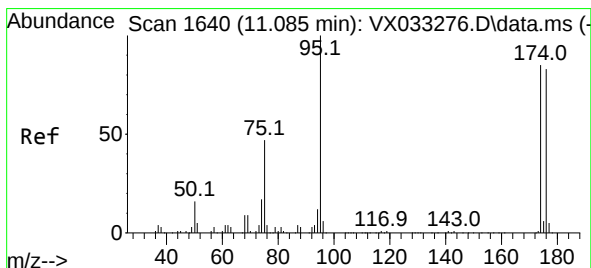
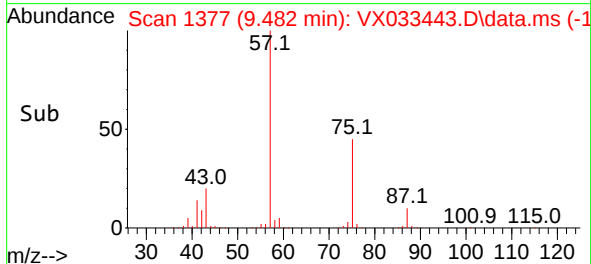
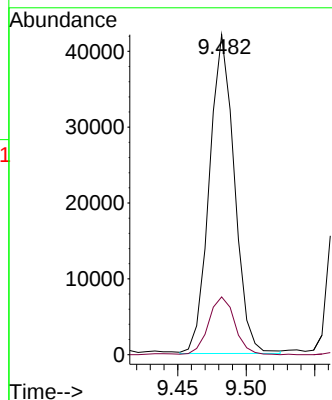
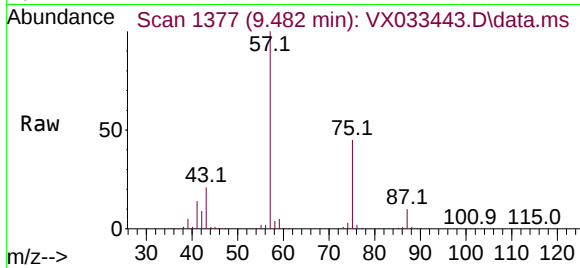




#59
2-Hexanone
Concen: 44.878 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

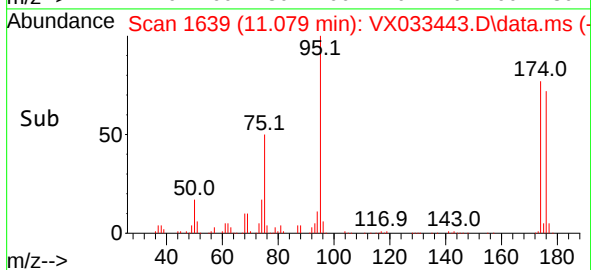
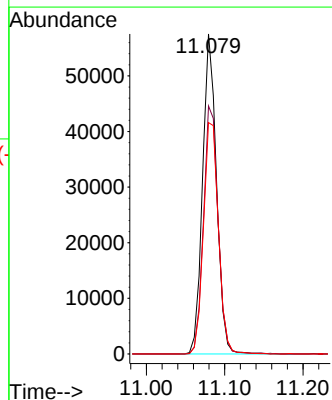
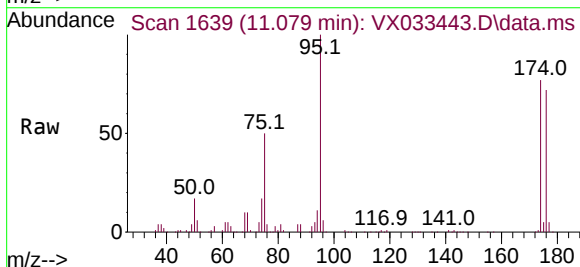
Instrument :
MSVOA_X
ClientSampleId :
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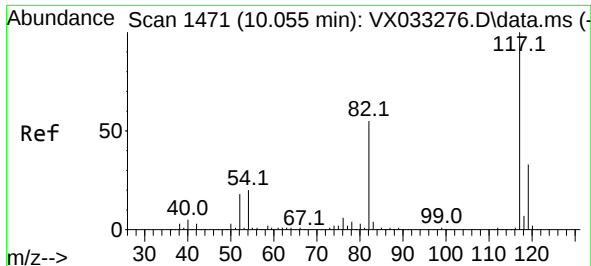
Tgt Ion: 43 Resp: 53416
Ion Ratio Lower Upper
43 100
58 19.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 51.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 95 Resp: 70923
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.0 0.0 154.4

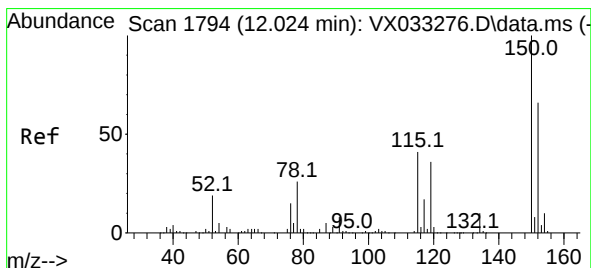
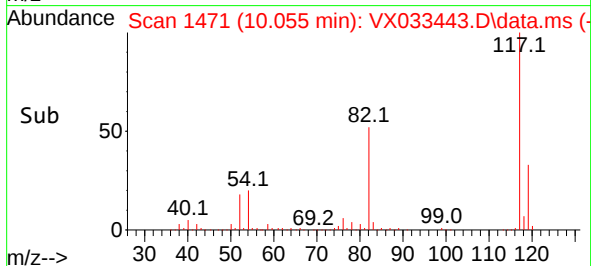
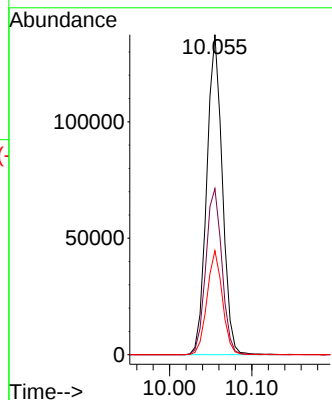
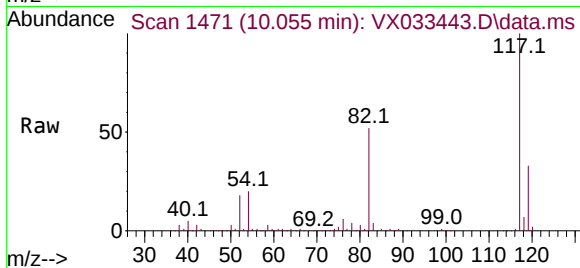




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

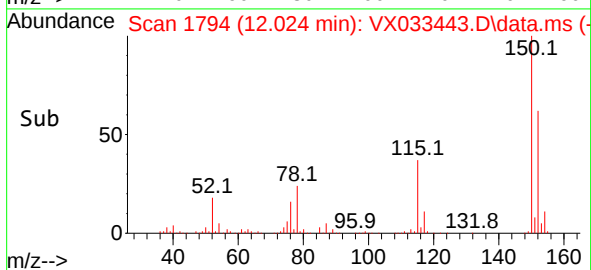
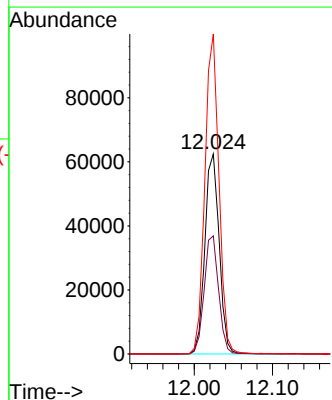
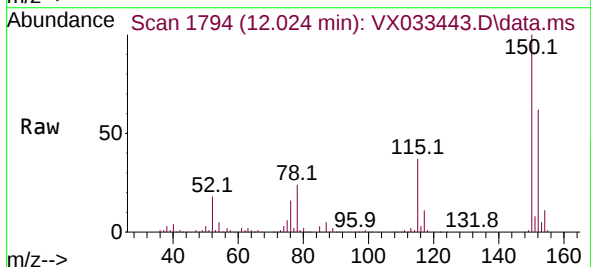
Instrument :
MSVOA_X
ClientSampleId :
PB149654TB

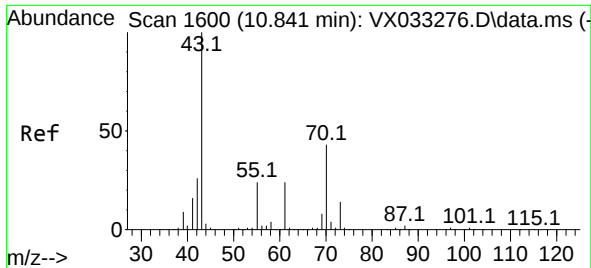
Tgt Ion:117 Resp: 180609
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion:152 Resp: 79148
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.8 0.0 351.8

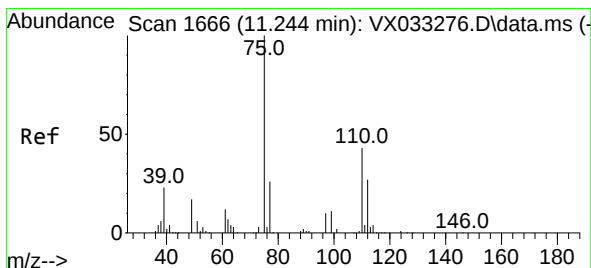
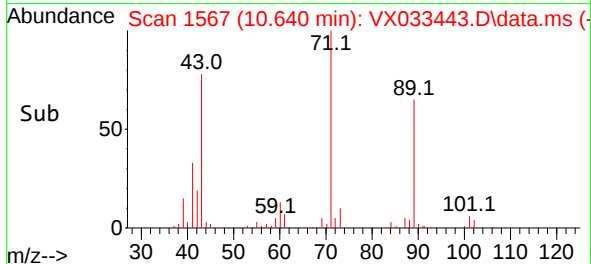
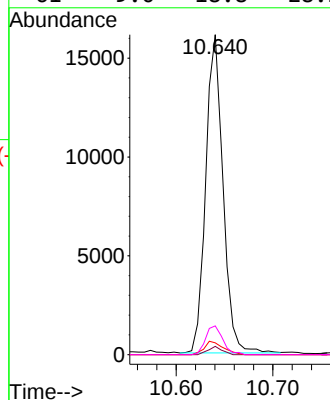
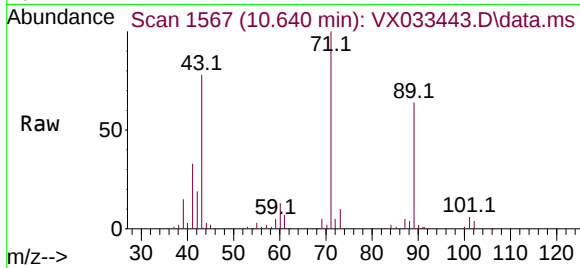




#74
N-amy1 acetate
Concen: 10.217 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

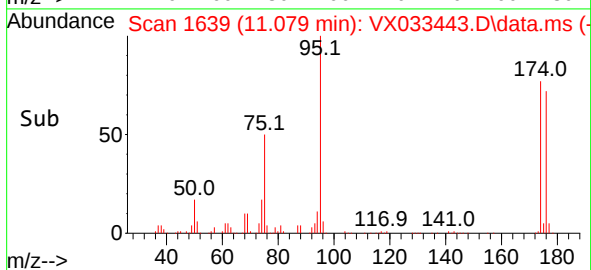
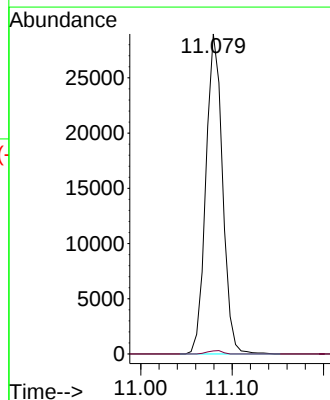
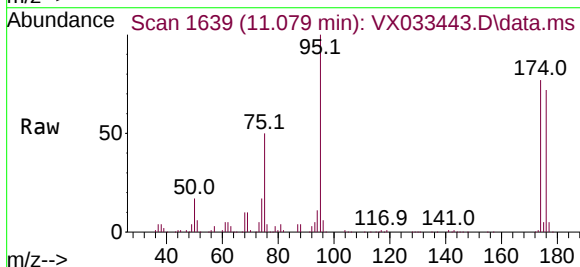
Instrument :
MSVOA_X
ClientSampleId :
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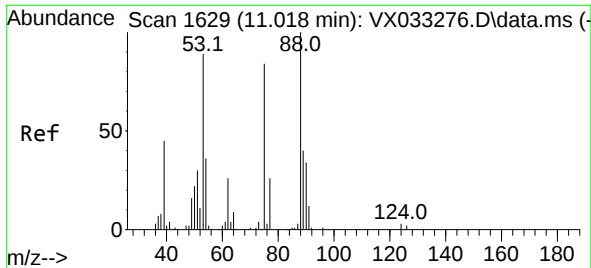
Tgt Ion: 43	Resp: 19997
Ion Ratio	Lower Upper
43 100	
70 2.1	33.6 50.4#
55 4.6	19.4 29.2#
61 9.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 22.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033443.D
Acq: 15 Dec 2022 15:36

Tgt Ion: 75	Resp: 36542
Ion Ratio	Lower Upper
75 100	
77 0.9	20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.591 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033443.D
 Acq: 15 Dec 2022 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149654TB

Tgt Ion: 75 Resp: 36542
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

