

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033321.D
 Acq On : 08 Dec 2022 14:18
 Operator : JC/MD
 Sample : N5912-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-TOTE-1207DL

Quant Time: Dec 09 00:47:46 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)

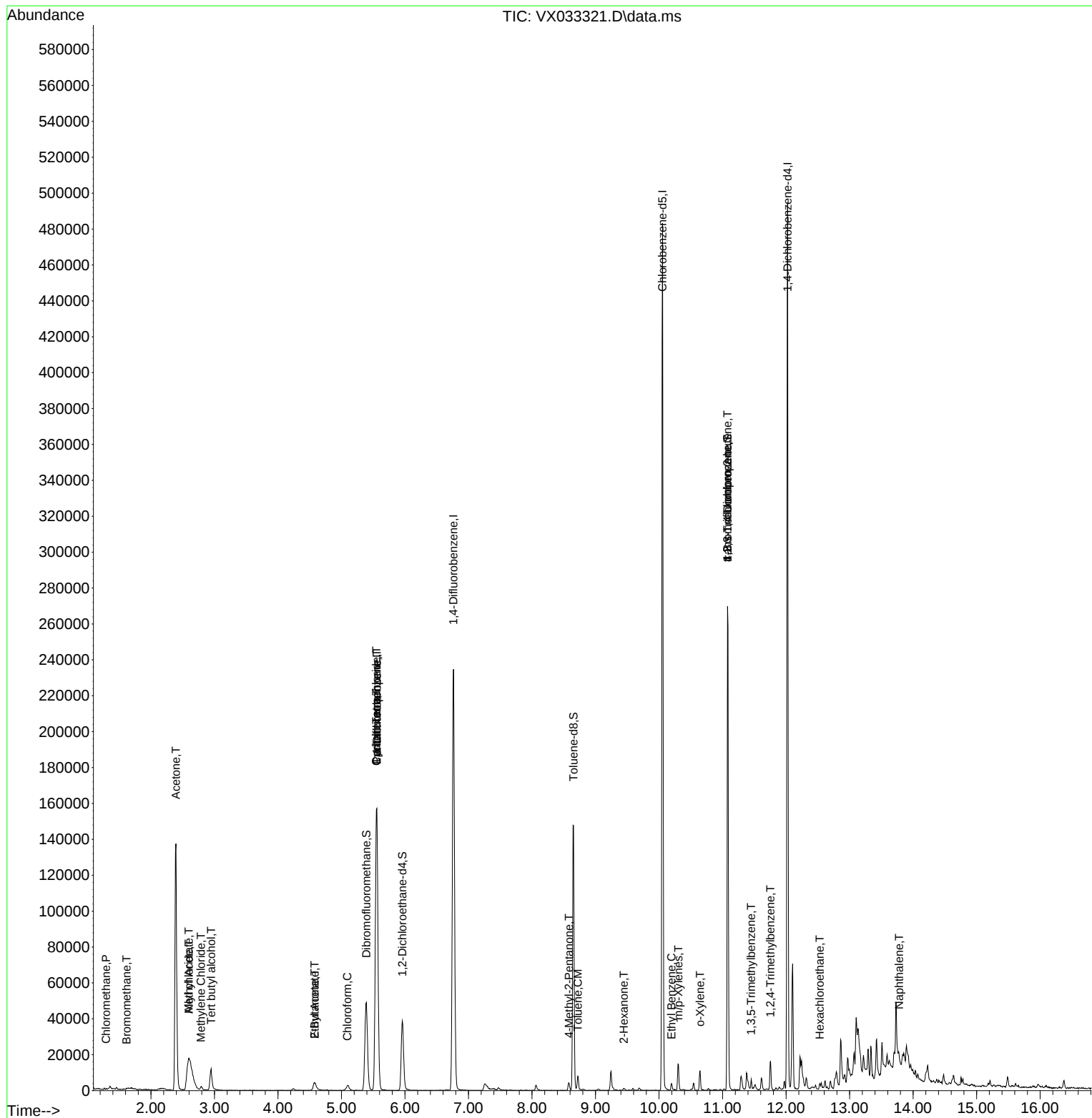
Internal Standards						
1) Pentafluorobenzene	5.556	168	154795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40520	40.803	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.600%		
35) Dibromofluoromethane	5.391	113	43050	39.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.640%		
50) Toluene-d8	8.653	98	93575	40.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.700%#		
62) 4-Bromofluorobenzene	11.079	95	71062	40.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.160%#		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	318	0.254	ug/l	92
5) Bromomethane	1.617	94	264	0.252	ug/l #	61
11) Tert butyl alcohol	2.946	59	7760	25.559	ug/l #	74
14) Allyl chloride	2.593	41	3461	1.544	ug/l #	30
16) Acetone	2.392	43	170881	232.542	ug/l	99
18) Methyl Acetate	2.593	43	15697	7.379	ug/l #	51
20) Methylene Chloride	2.788	84	853	0.520	ug/l	92
25) 2-Butanone	4.574	43	4993	4.734	ug/l #	87
30) Chloroform	5.092	83	3392	1.083	ug/l	88
31) Cyclohexane	5.550	56	2945	1.248	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11855	5.554	ug/l #	49
37) Ethyl Acetate	4.574	43	4993	2.474	ug/l #	67
38) Carbon Tetrachloride	5.550	117	16082	6.724	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	2990	1.456	ug/l	89
52) Toluene	8.720	92	3230	0.803	ug/l	97
59) 2-Hexanone	9.445	43	765	0.506	ug/l	90
67) Ethyl Benzene	10.195	91	2449	0.322	ug/l #	89
68) m/p-Xylenes	10.305	106	3784	1.279	ug/l	95
69) o-Xylene	10.646	106	2556	0.874	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	37201	18.093	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	2471	0.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	37201	56.283	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	7276	1.195	ug/l	100
90) Hexachloroethane	12.530	117	318	0.306	ug/l #	12
95) Naphthalene	13.780	128	3420	0.507	ug/l #	96

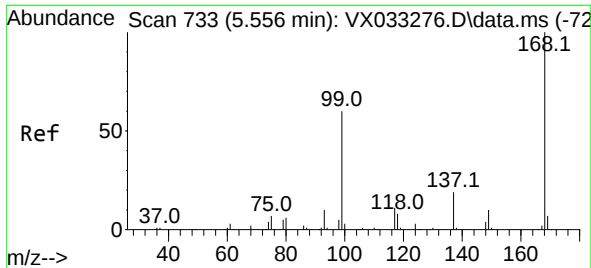
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FMC-TOTE-1207DL

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

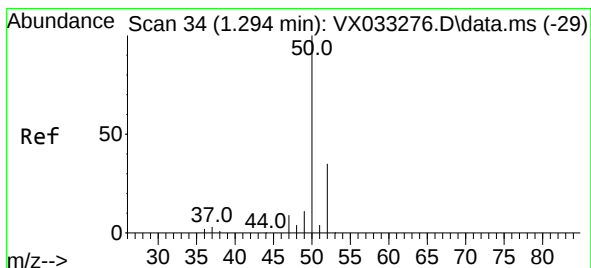
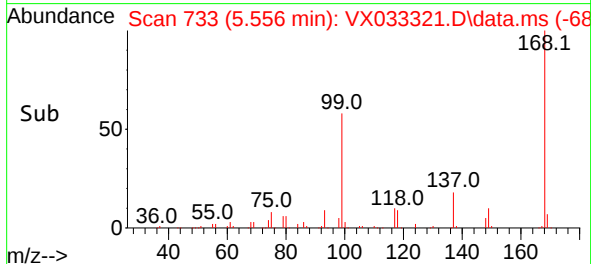
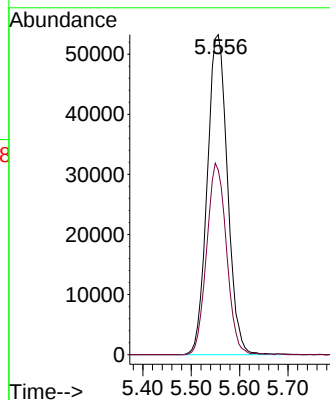
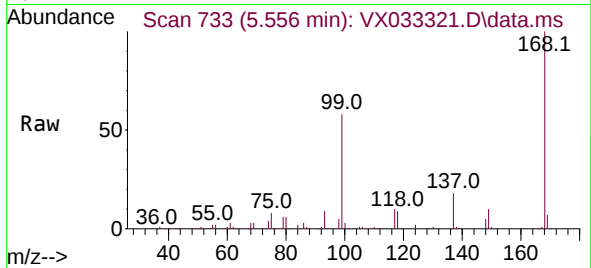




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

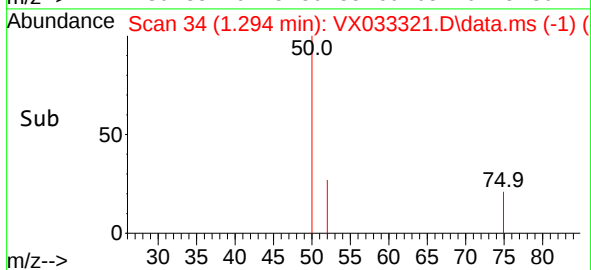
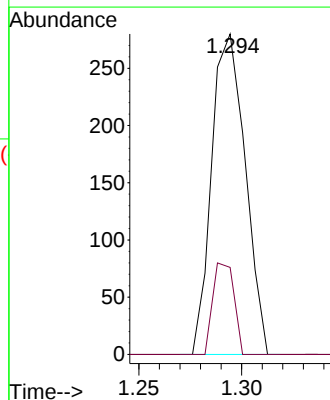
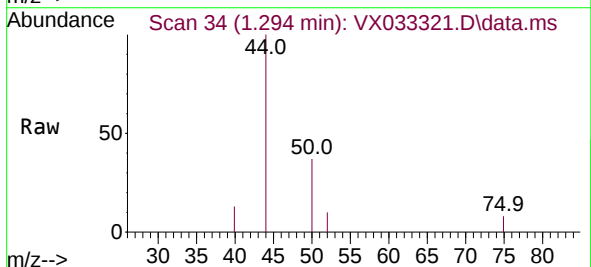
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

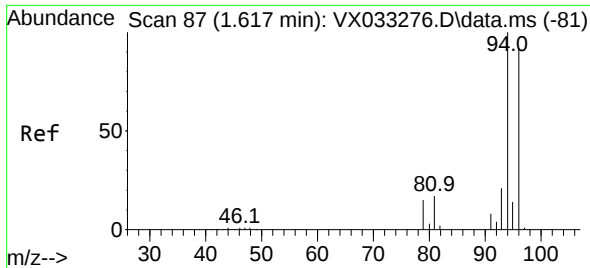
Tgt Ion:168 Resp: 154795
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 27.1 25.4 38.2

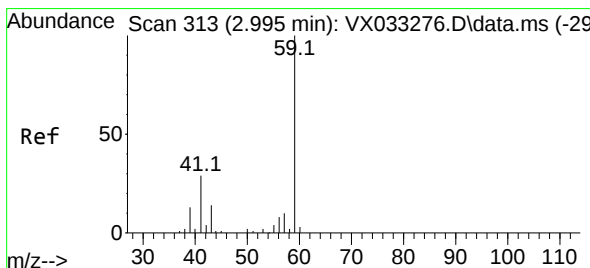
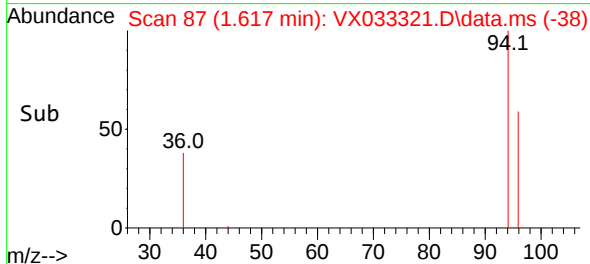
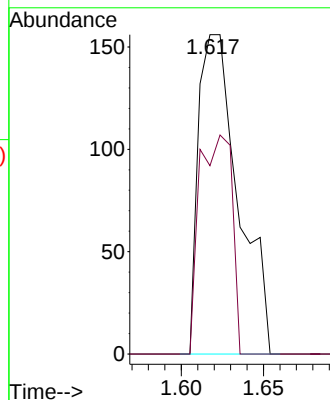
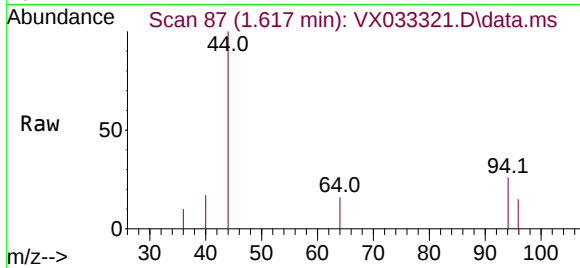




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

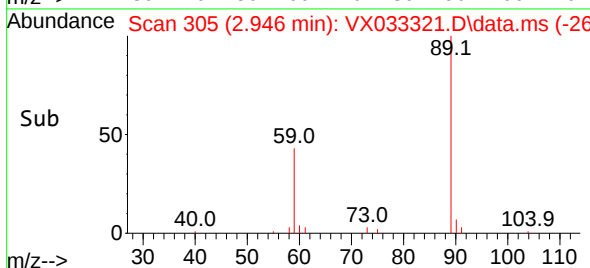
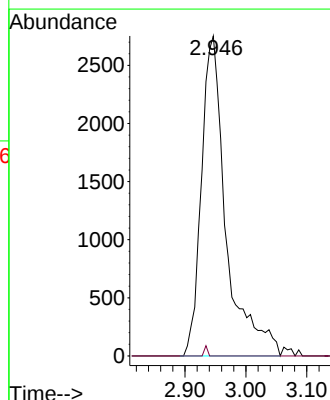
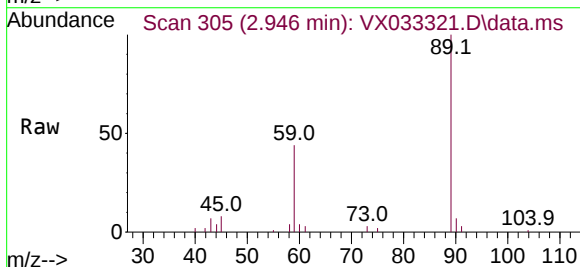
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

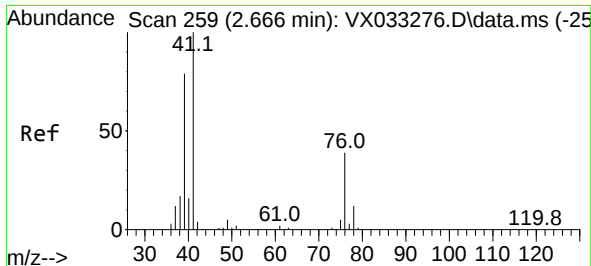
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 59.0 77.6 116.4#



#11
Tert butyl alcohol
Concen: 25.559 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 59 Resp: 7760
Ion Ratio Lower Upper
59 100
57 0.4 8.2 12.4#

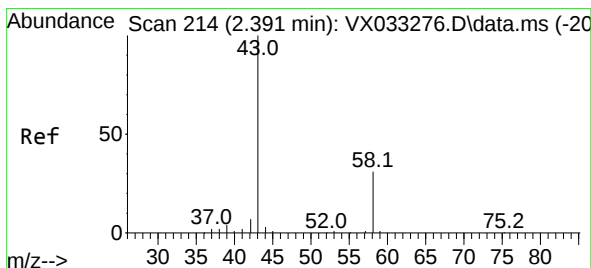
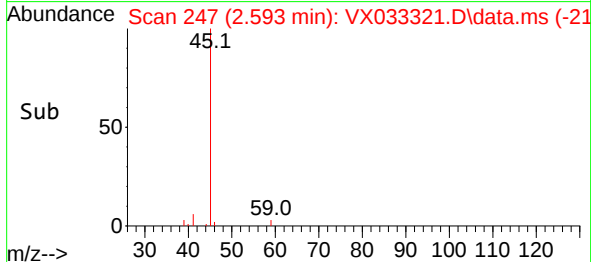
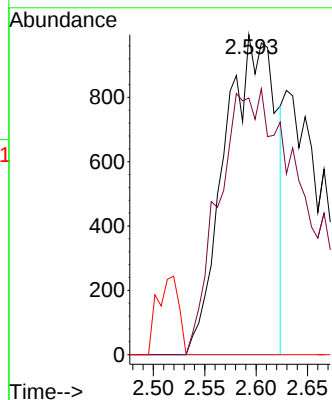
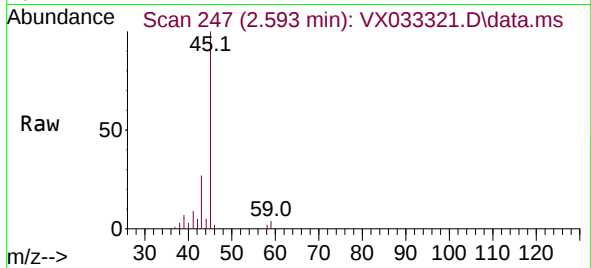




#14
 Allyl chloride
 Concen: 1.544 ug/l
 RT: 2.593 min Scan# 247
 Delta R.T. -0.073 min
 Lab File: VX033321.D
 Acq: 08 Dec 2022 14:18

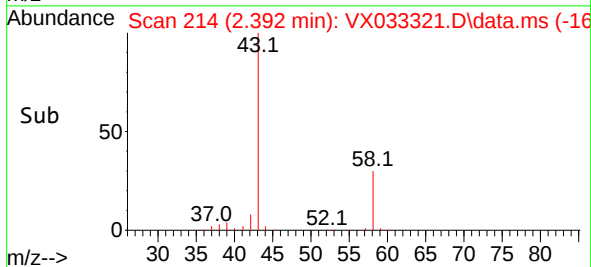
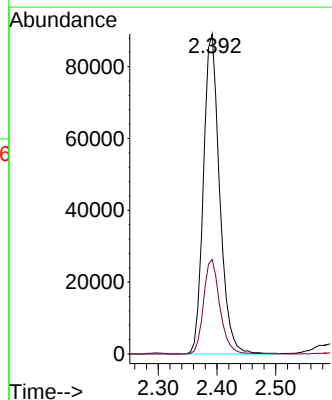
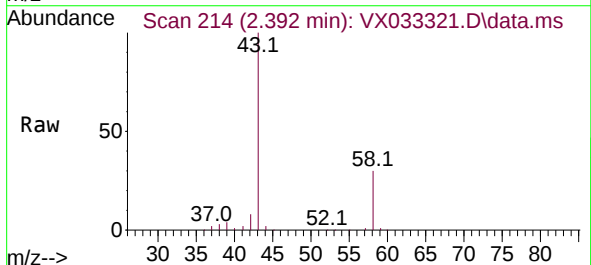
Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-TOTE-1207DL

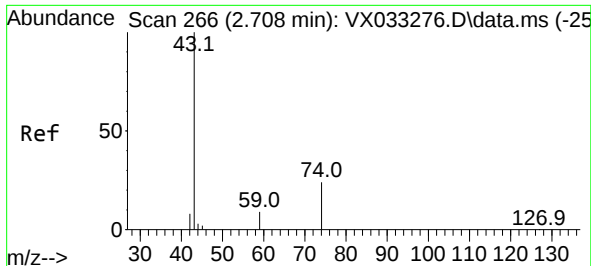
Tgt Ion: 41 Resp: 3461
 Ion Ratio Lower Upper
 41 100
 39 140.5 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 232.542 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX033321.D
 Acq: 08 Dec 2022 14:18

Tgt Ion: 43 Resp: 170881
 Ion Ratio Lower Upper
 43 100
 58 29.5 23.8 35.8





#18

Methyl Acetate

Concen: 7.379 ug/l

RT: 2.593 min Scan# 247

Delta R.T. -0.116 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

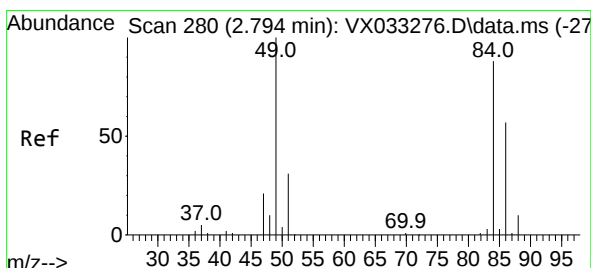
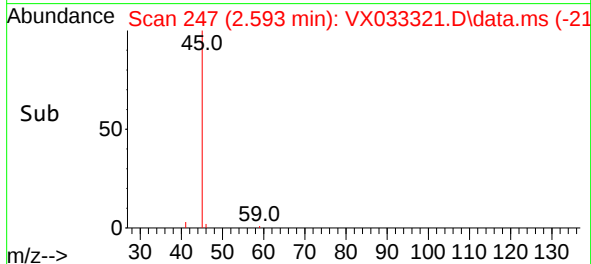
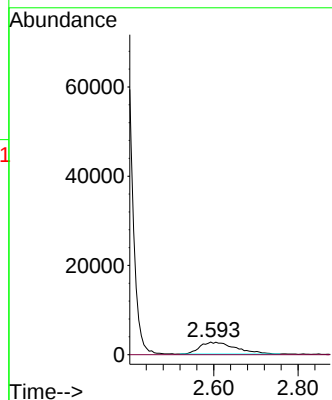
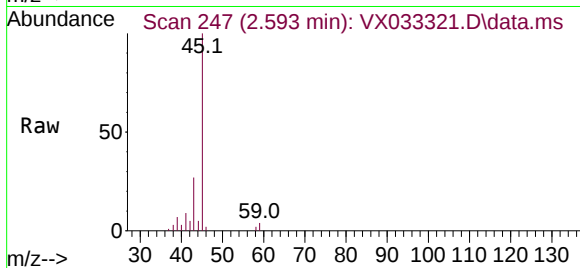
FMC-TOTE-1207DL

Tgt Ion: 43 Resp: 15697

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.520 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

Tgt Ion: 84 Resp: 853

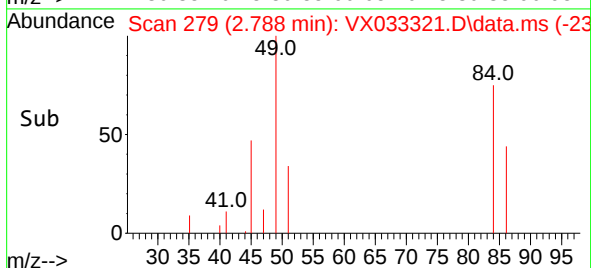
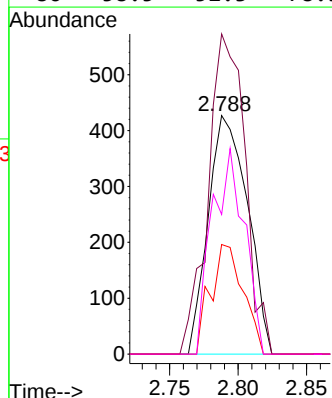
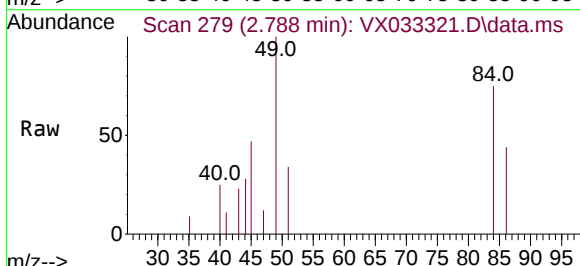
Ion Ratio Lower Upper

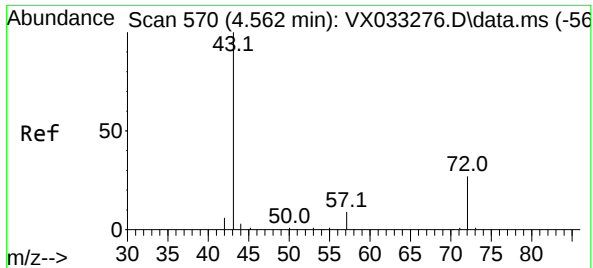
84 100

49 134.2 101.0 151.6

51 45.9 31.1 46.7

86 58.5 52.3 78.5





#25

2-Butanone

Concen: 4.734 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

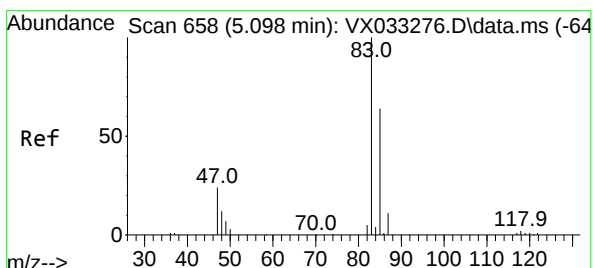
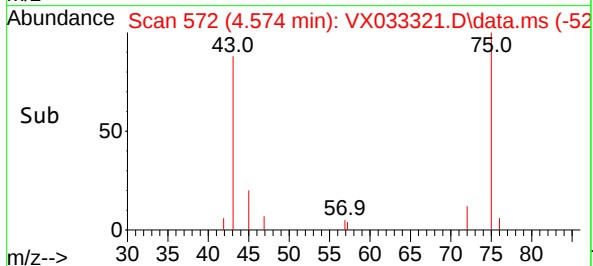
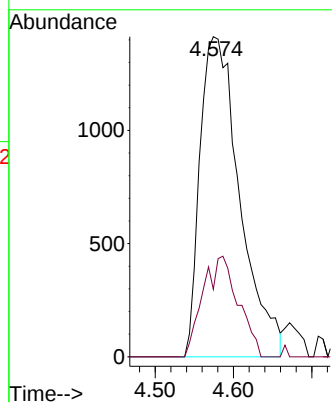
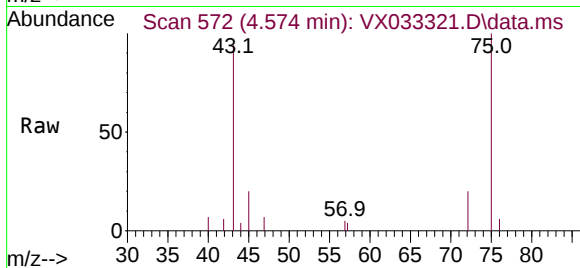
FMC-TOTE-1207DL

Tgt Ion: 43 Resp: 4993

Ion Ratio Lower Upper

43 100

72 21.1 22.2 33.2#



#30

Chloroform

Concen: 1.083 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033321.D

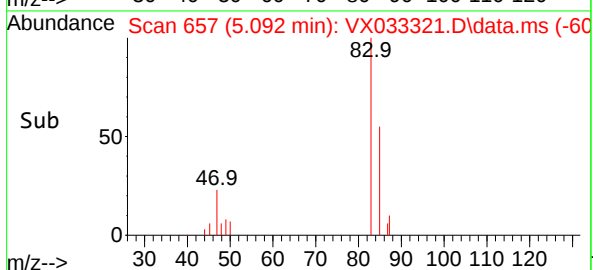
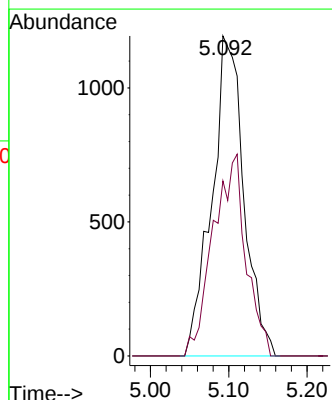
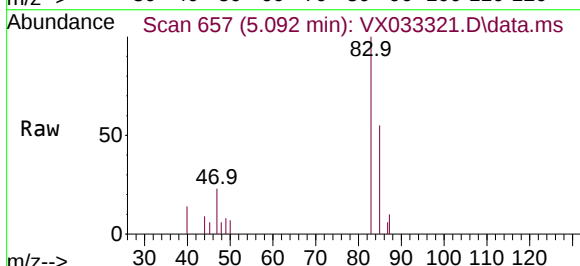
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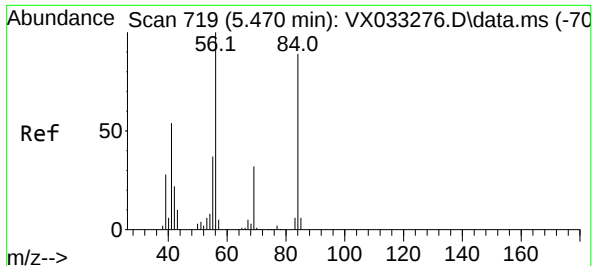
Tgt Ion: 83 Resp: 3392

Ion Ratio Lower Upper

83 100

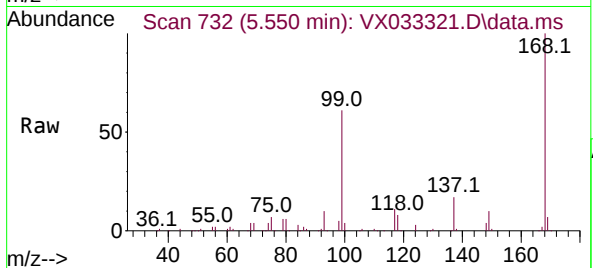
85 54.7 51.1 76.7



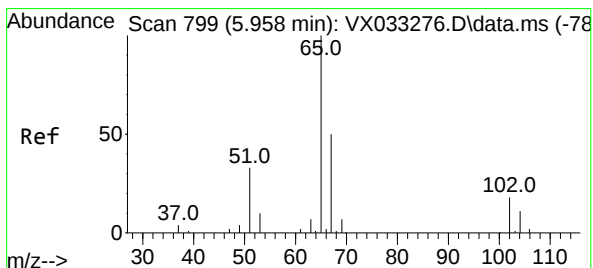
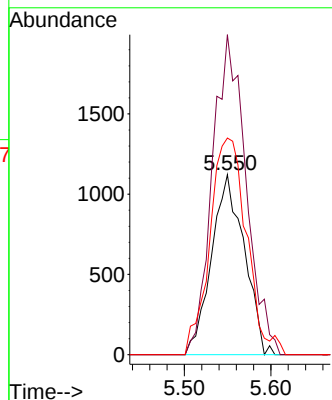
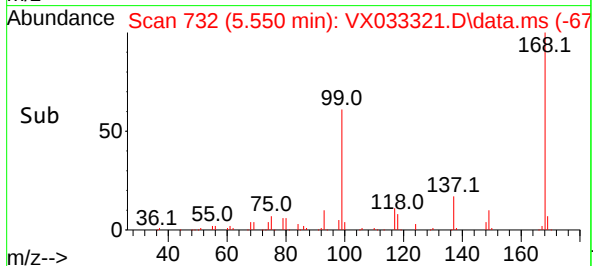


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

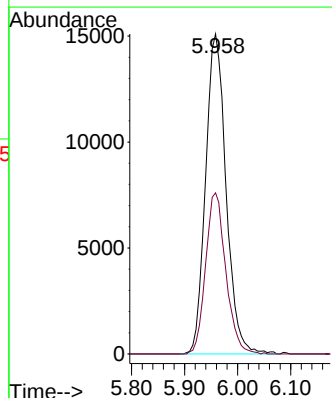
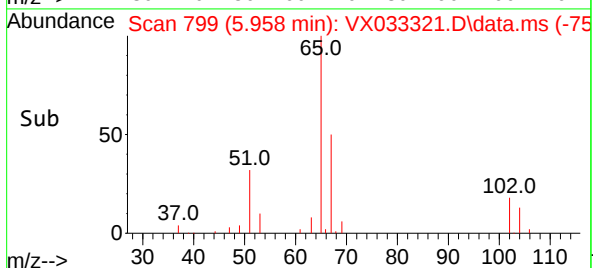
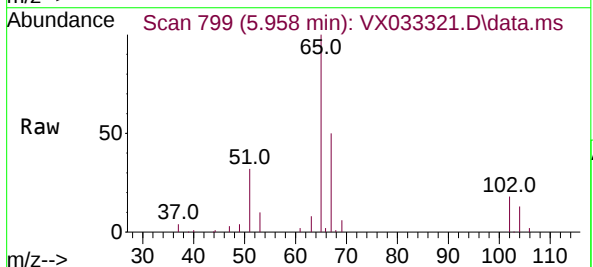


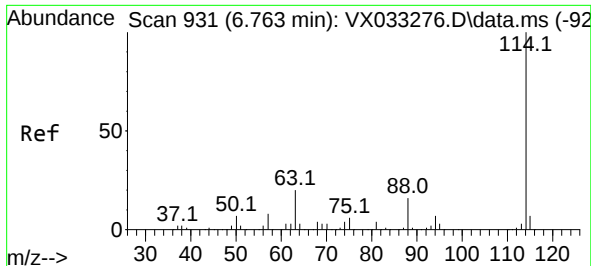
Tgt Ion: 56 Resp: 2945
Ion Ratio Lower Upper
56 100
69 177.7 24.1 36.1#
84 133.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 40.803 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 65 Resp: 40520
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

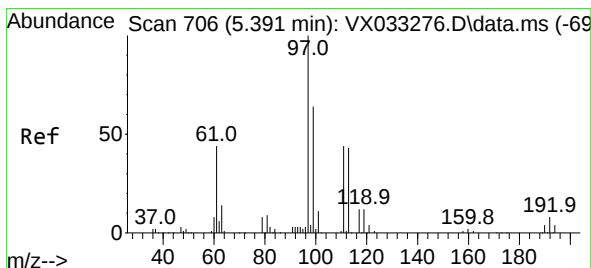
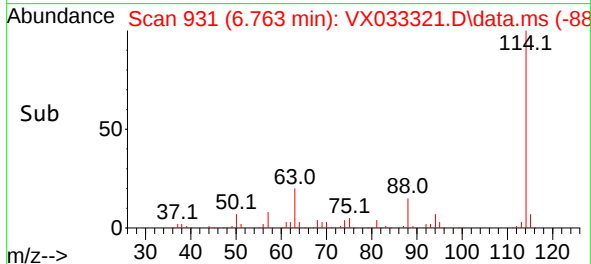
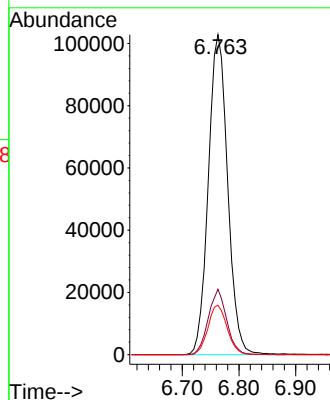
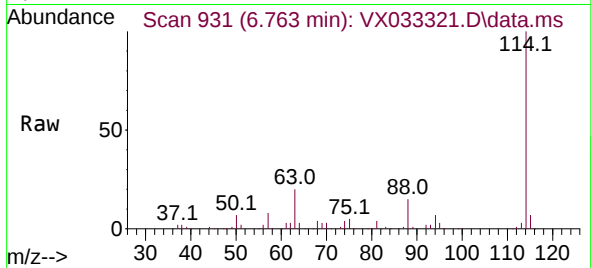




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

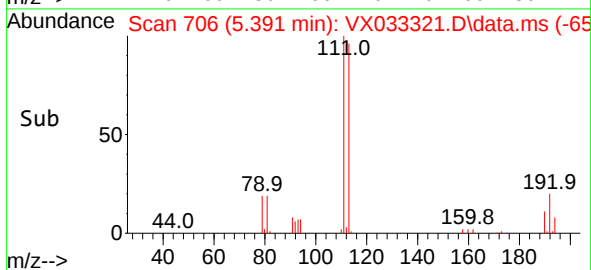
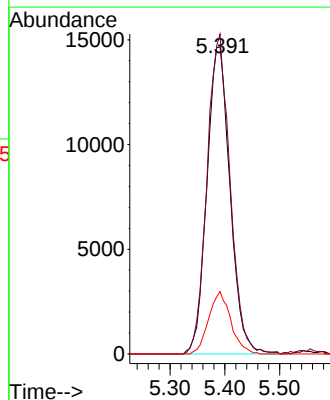
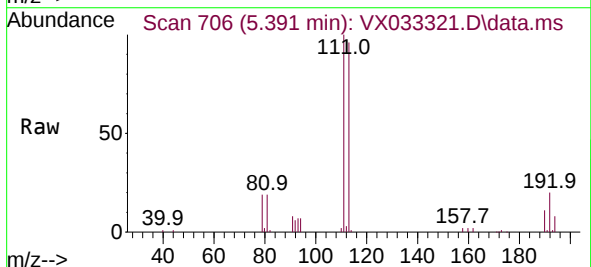
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

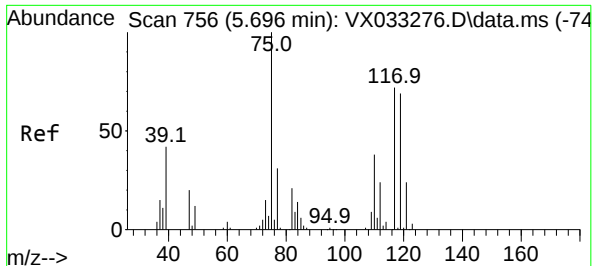
Tgt Ion:114 Resp: 243427
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 39.319 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion:113 Resp: 43050
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.4 15.4 23.2

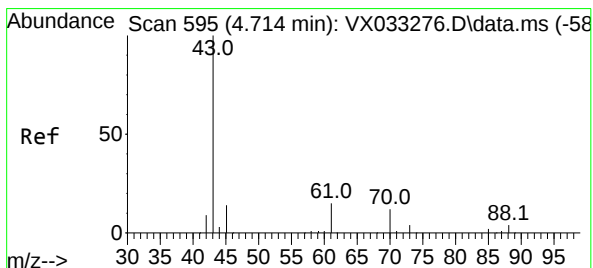
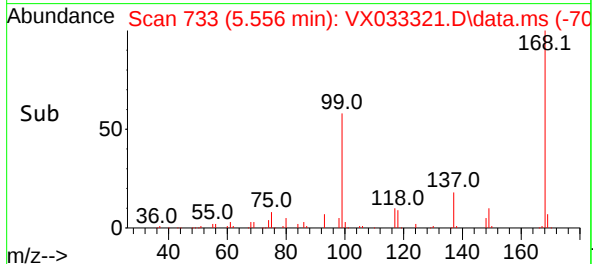
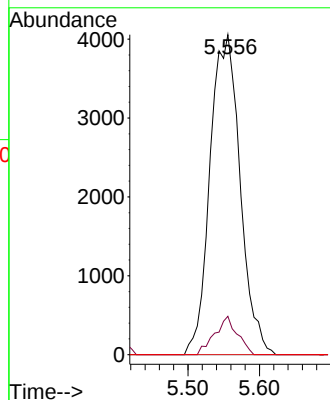
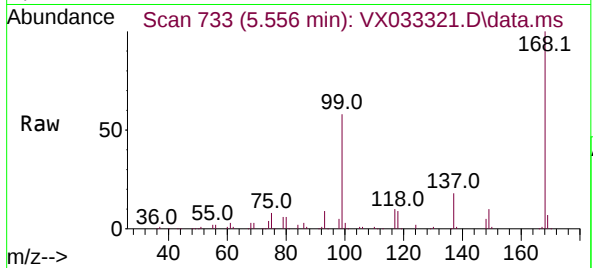




#36
1,1-Dichloropropene
Concen: 5.554 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

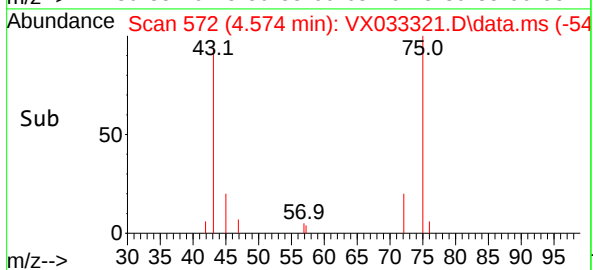
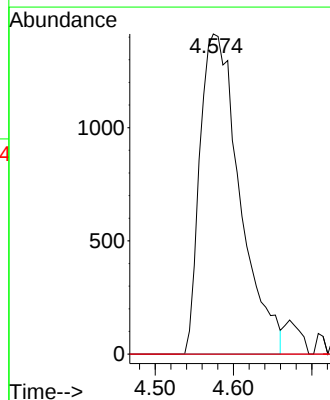
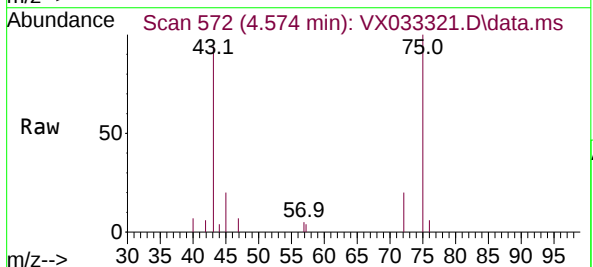
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

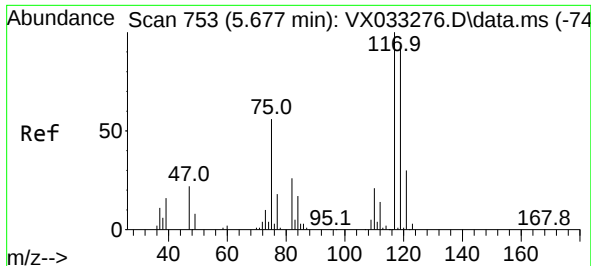
Tgt Ion: 75 Resp: 11855
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 2.474 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 43 Resp: 4993
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.1 13.7#

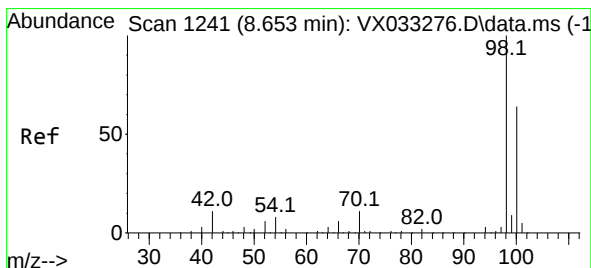
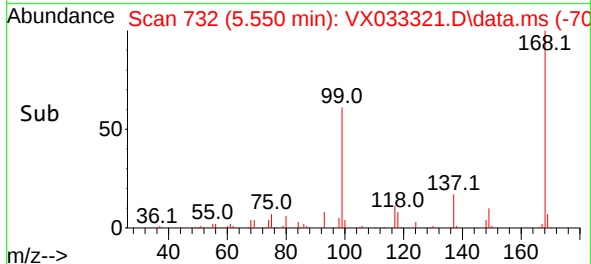
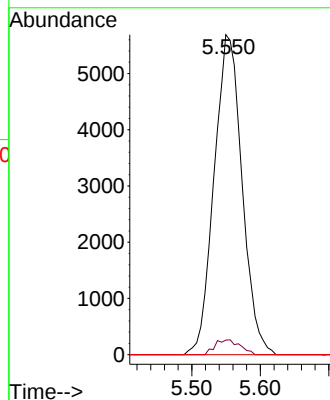
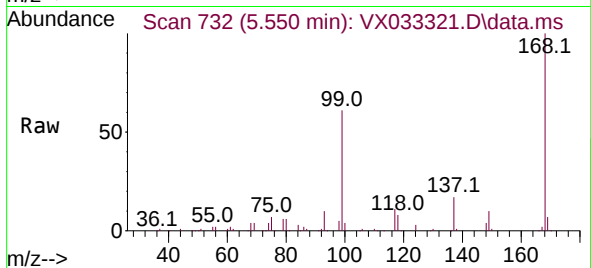




#38
Carbon Tetrachloride
Concen: 6.724 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

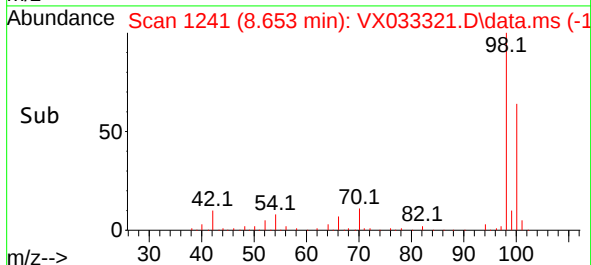
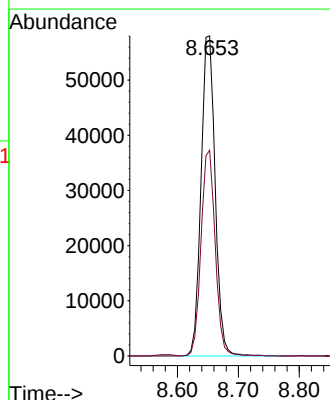
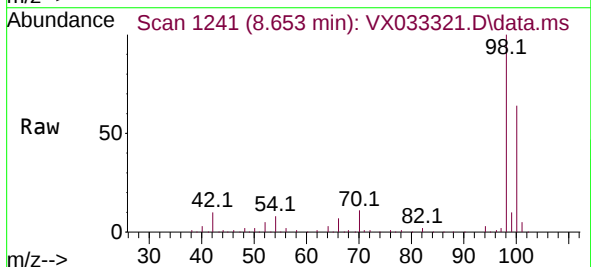
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

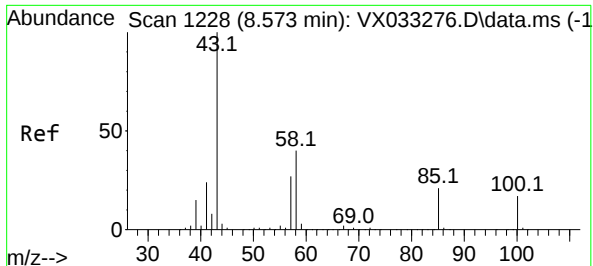
Tgt Ion:117 Resp: 16082
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 40.854 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 98 Resp: 93575
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

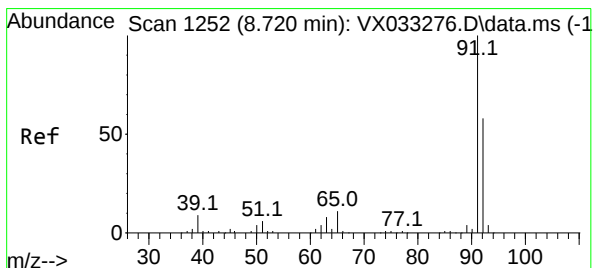
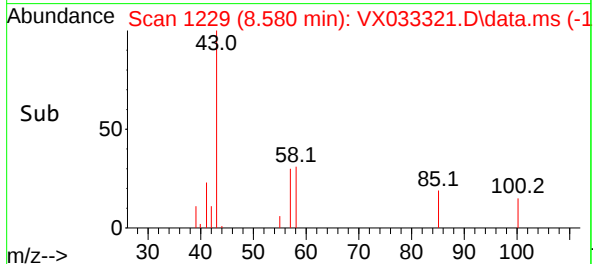
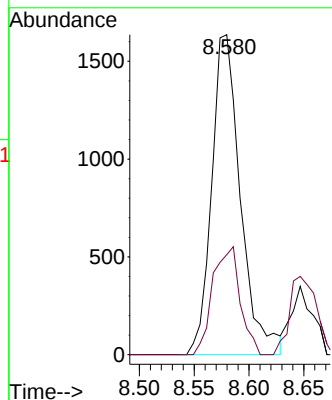
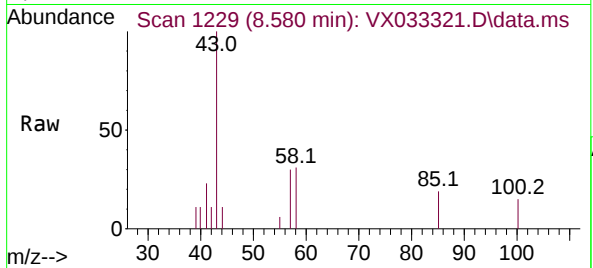




#51
4-Methyl-2-Pentanone
Concen: 1.456 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

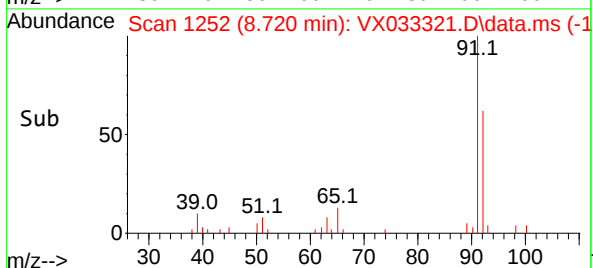
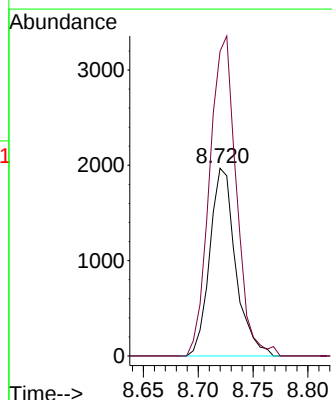
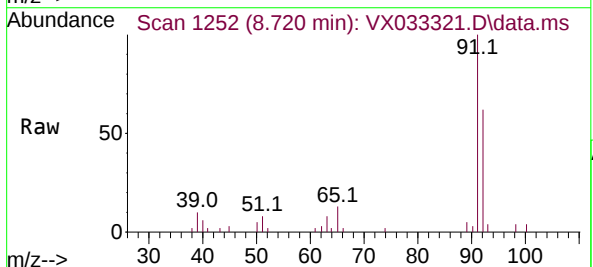
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

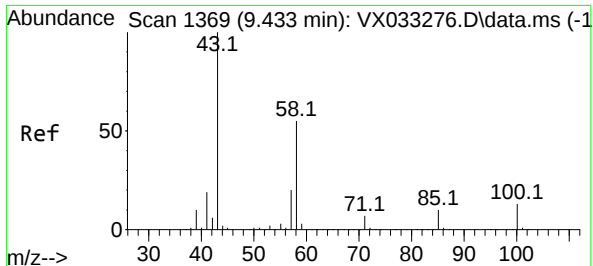
Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
58 32.1 30.9 46.3



#52
Toluene
Concen: 0.803 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 92 Resp: 3230
Ion Ratio Lower Upper
92 100
91 176.5 138.3 207.5





#59

2-Hexanone

Concen: 0.506 ug/l

RT: 9.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

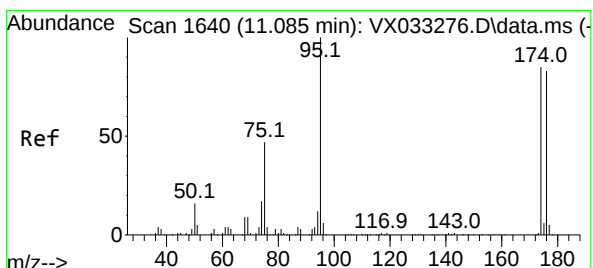
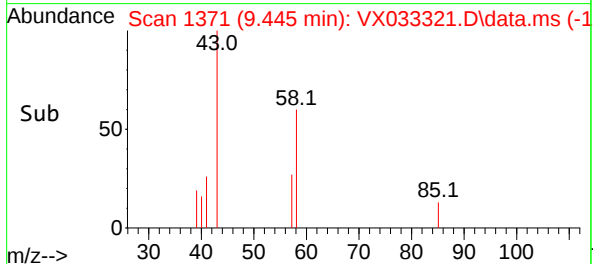
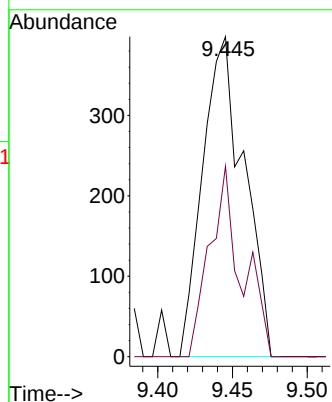
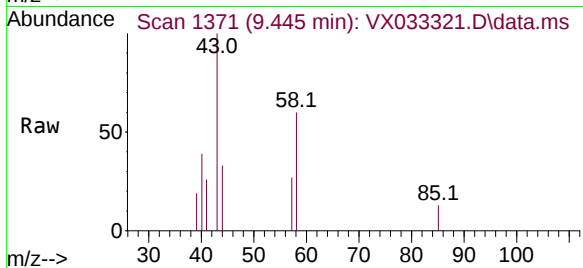
FMC-TOTE-1207DL

Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

58 45.9 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 40.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

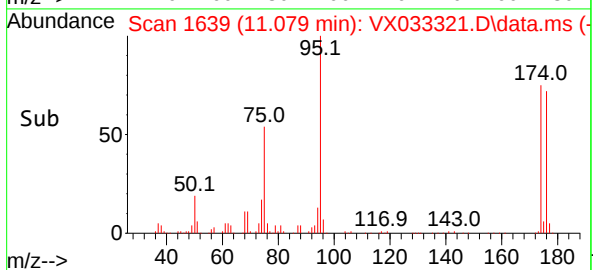
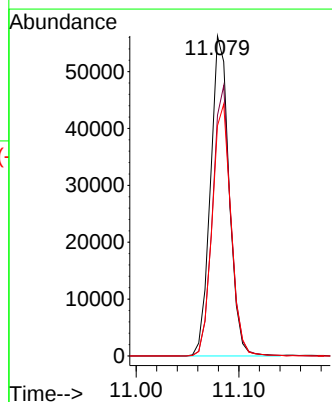
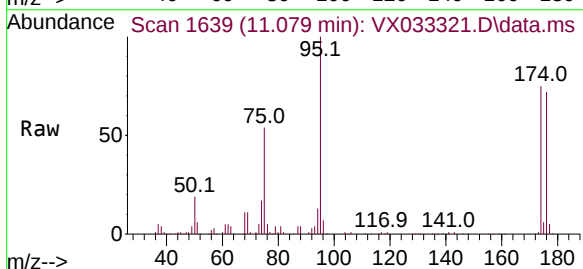
Tgt Ion: 95 Resp: 71062

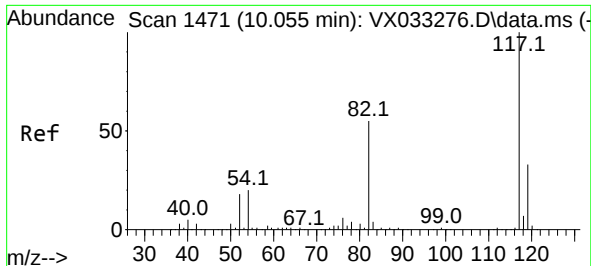
Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

176 79.3 0.0 154.4

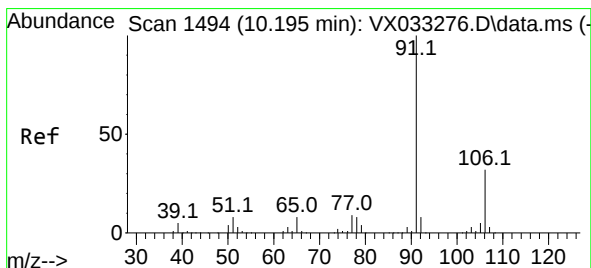
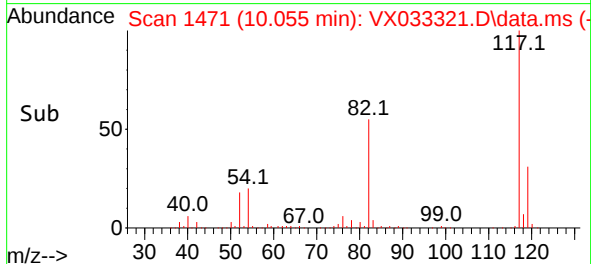
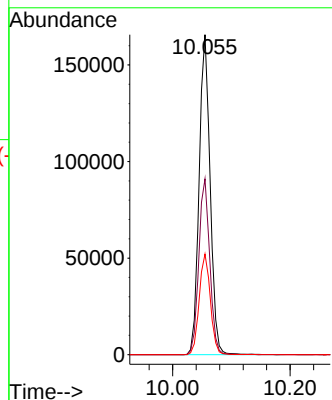
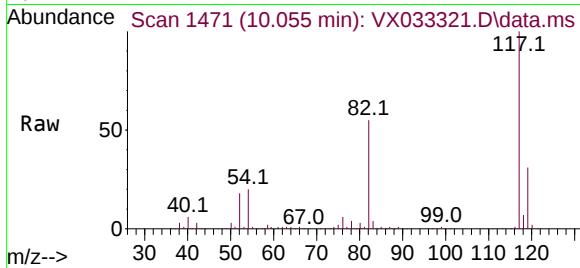




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

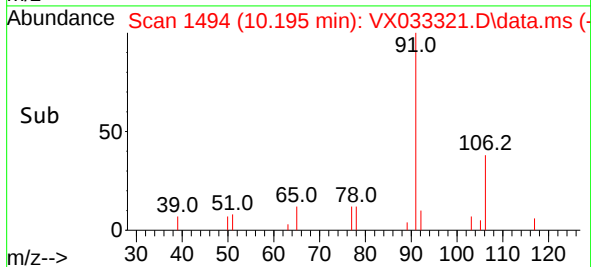
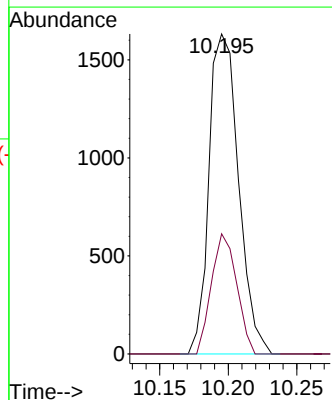
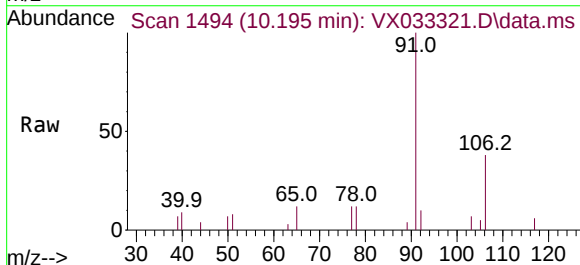
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

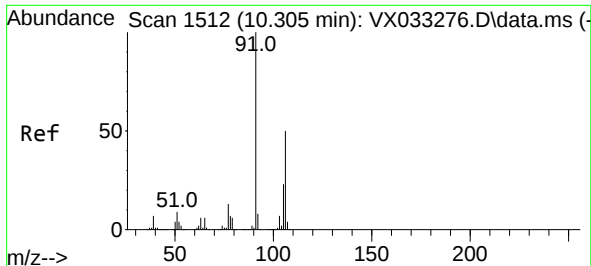
Tgt Ion:117 Resp: 215619
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.5 25.7 38.5



#67
Ethyl Benzene
Concen: 0.322 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion: 91 Resp: 2449
Ion Ratio Lower Upper
91 100
106 37.6 25.0 37.6#

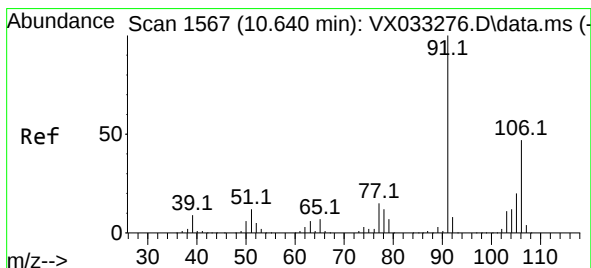
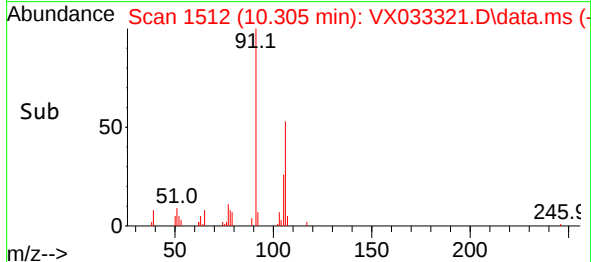
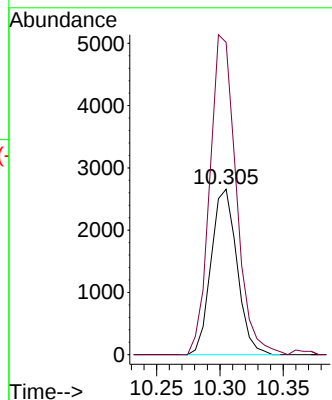
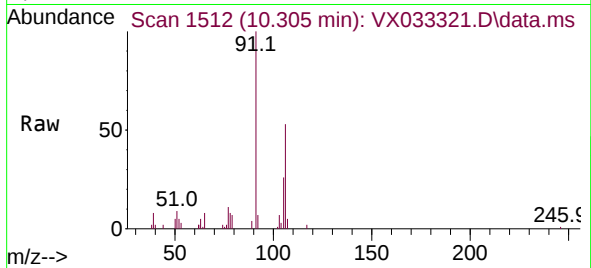




#68
m/p-Xylenes
Concen: 1.279 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

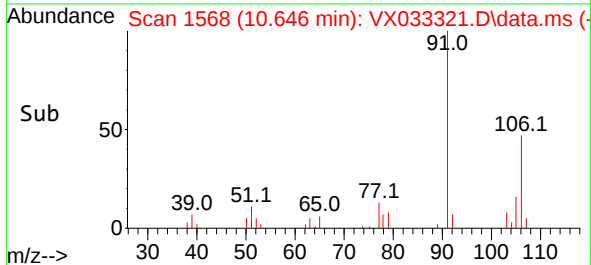
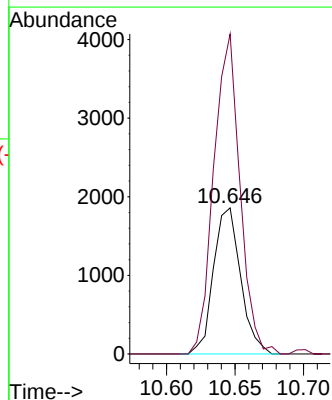
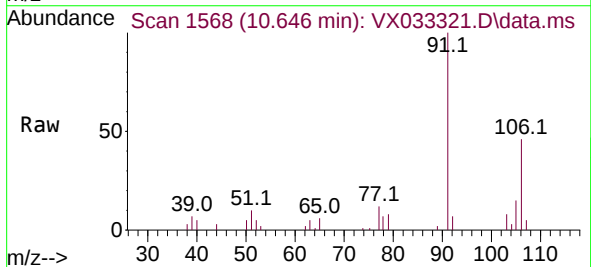
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

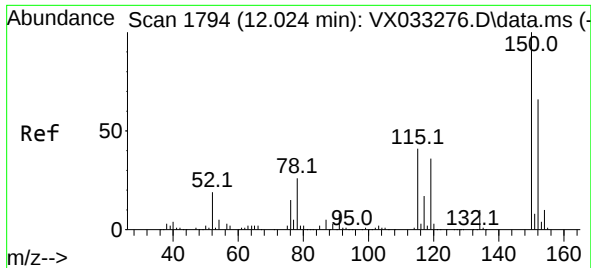
Tgt Ion:106 Resp: 3784
Ion Ratio Lower Upper
106 100
91 197.1 164.5 246.7



#69
o-Xylene
Concen: 0.874 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Tgt Ion:106 Resp: 2556
Ion Ratio Lower Upper
106 100
91 211.1 109.2 327.6

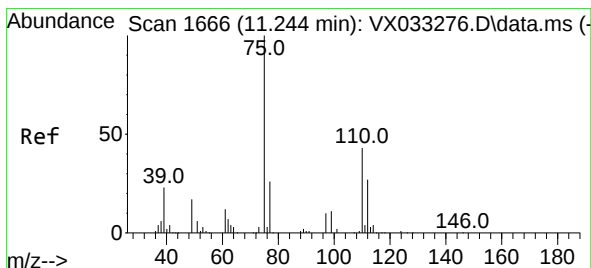
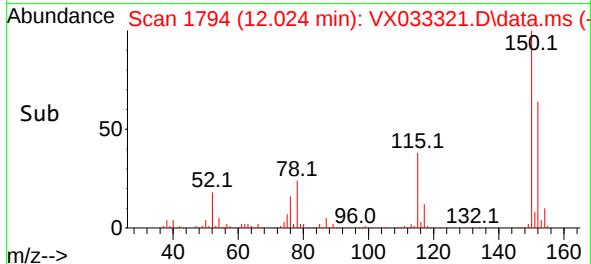
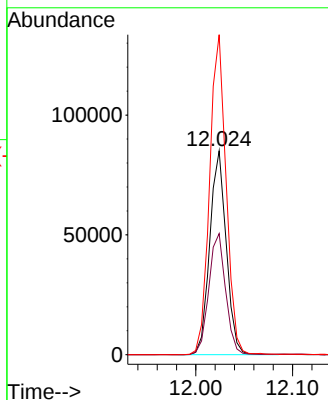
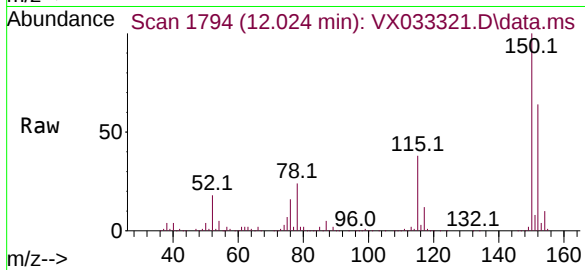




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033321.D
 Acq: 08 Dec 2022 14:18

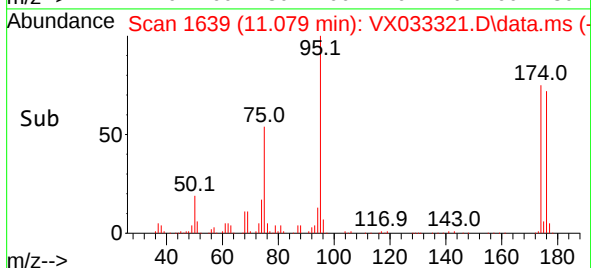
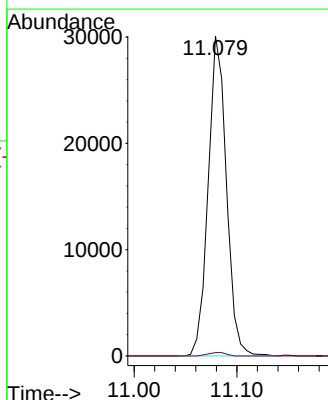
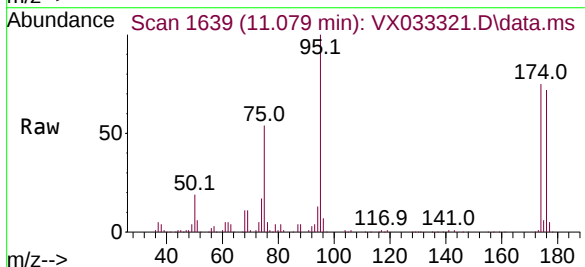
Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-TOTE-1207DL

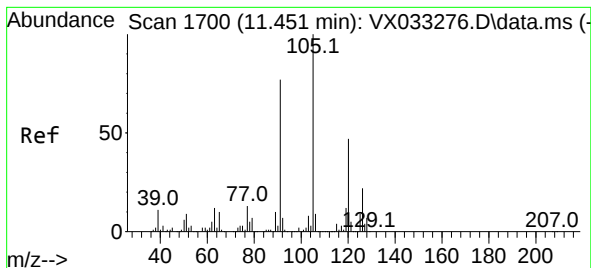
Tgt Ion:152 Resp: 101059
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.0 132.0
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 18.093 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033321.D
 Acq: 08 Dec 2022 14:18

Tgt Ion: 75 Resp: 37201
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.405 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

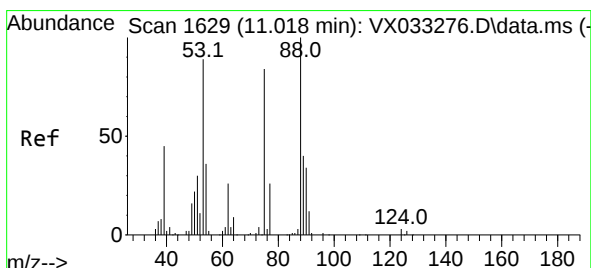
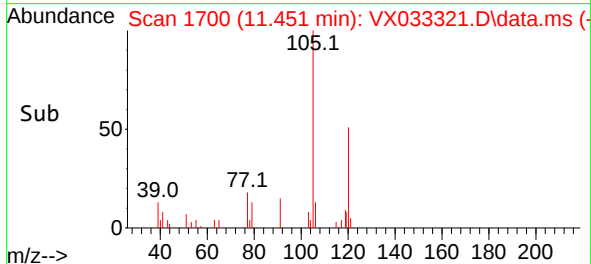
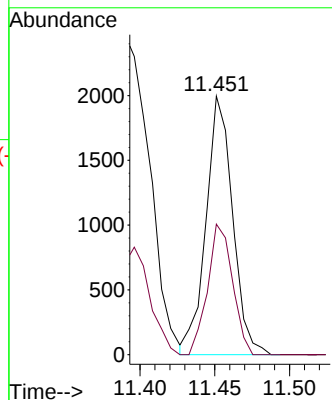
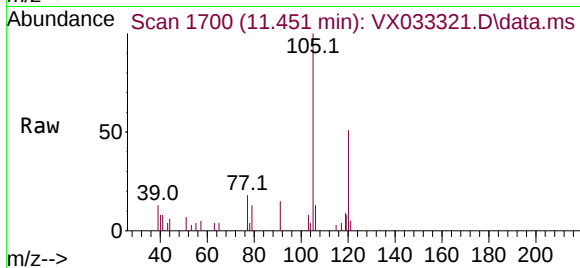
FMC-TOTE-1207DL

Tgt Ion:105 Resp: 2471

Ion Ratio Lower Upper

105 100

120 47.2 23.6 71.0



#81

trans-1,4-Dichloro-2-butene

Concen: 56.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033321.D

Acq: 08 Dec 2022 14:18

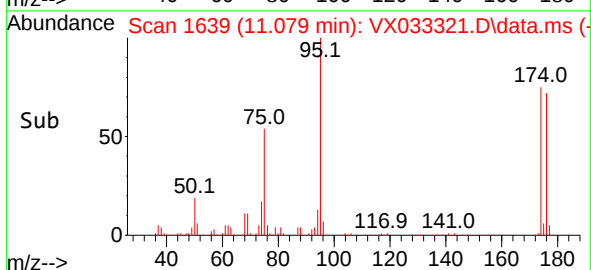
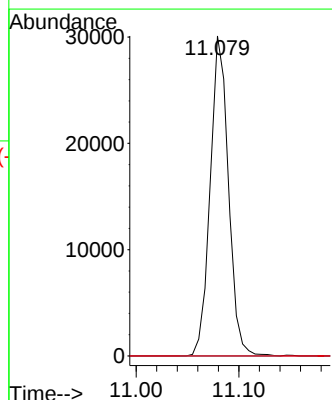
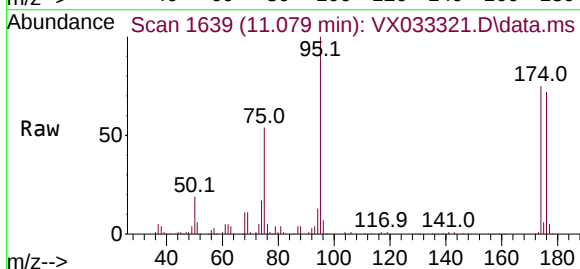
Tgt Ion: 75 Resp: 37201

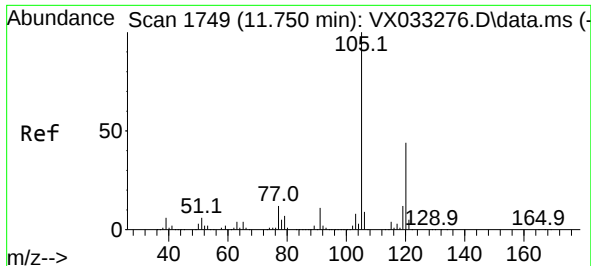
Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

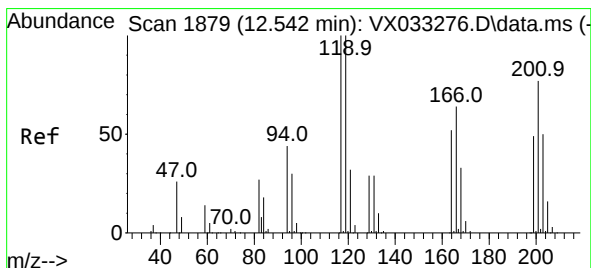
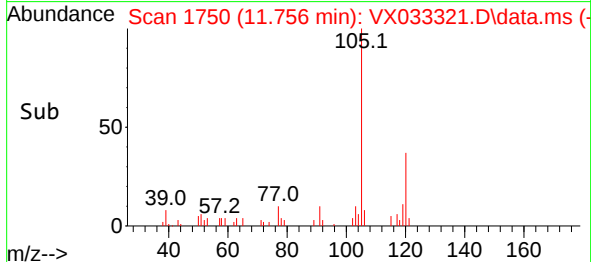
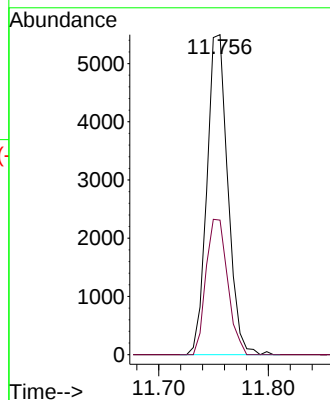
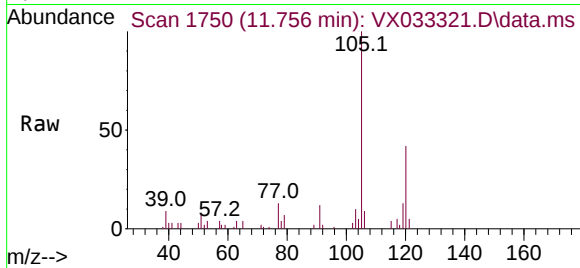




#84
1,2,4-Trimethylbenzene
Concen: 1.195 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

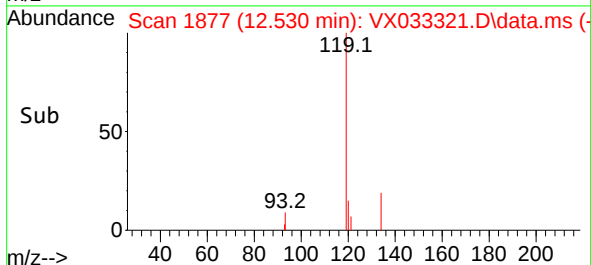
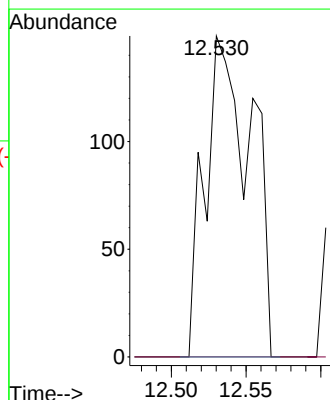
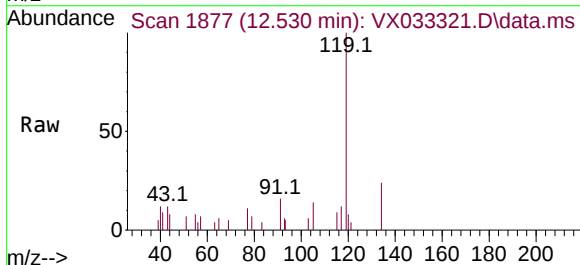
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL

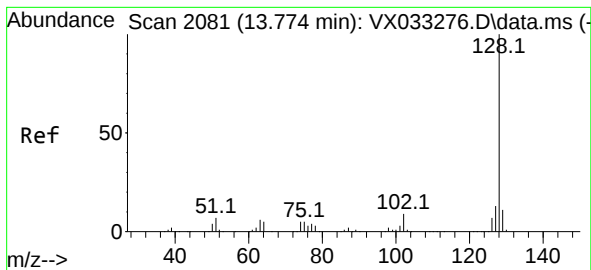
Tgt Ion:105 Resp: 7276
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.5



#90
Hexachloroethane
Concen: 0.306 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

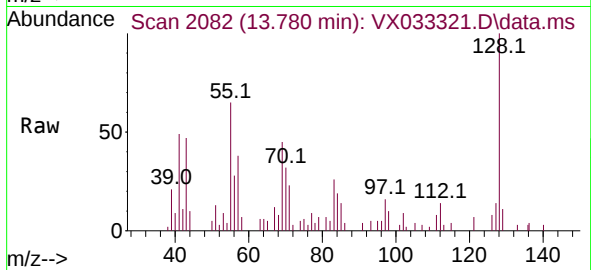
Tgt Ion:117 Resp: 318
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#95
Naphthalene
Concen: 0.507 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033321.D
Acq: 08 Dec 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207DL



Tgt Ion:128 Resp: 3420
Ion Ratio Lower Upper
128 100
127 15.6 10.2 15.4#
129 11.5 8.9 13.3

