

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033296.D
 Acq On : 07 Dec 2022 21:05
 Operator : JC/MD
 Sample : N5912-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-TOTE-1207

Quant Time: Dec 08 01:44:29 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)

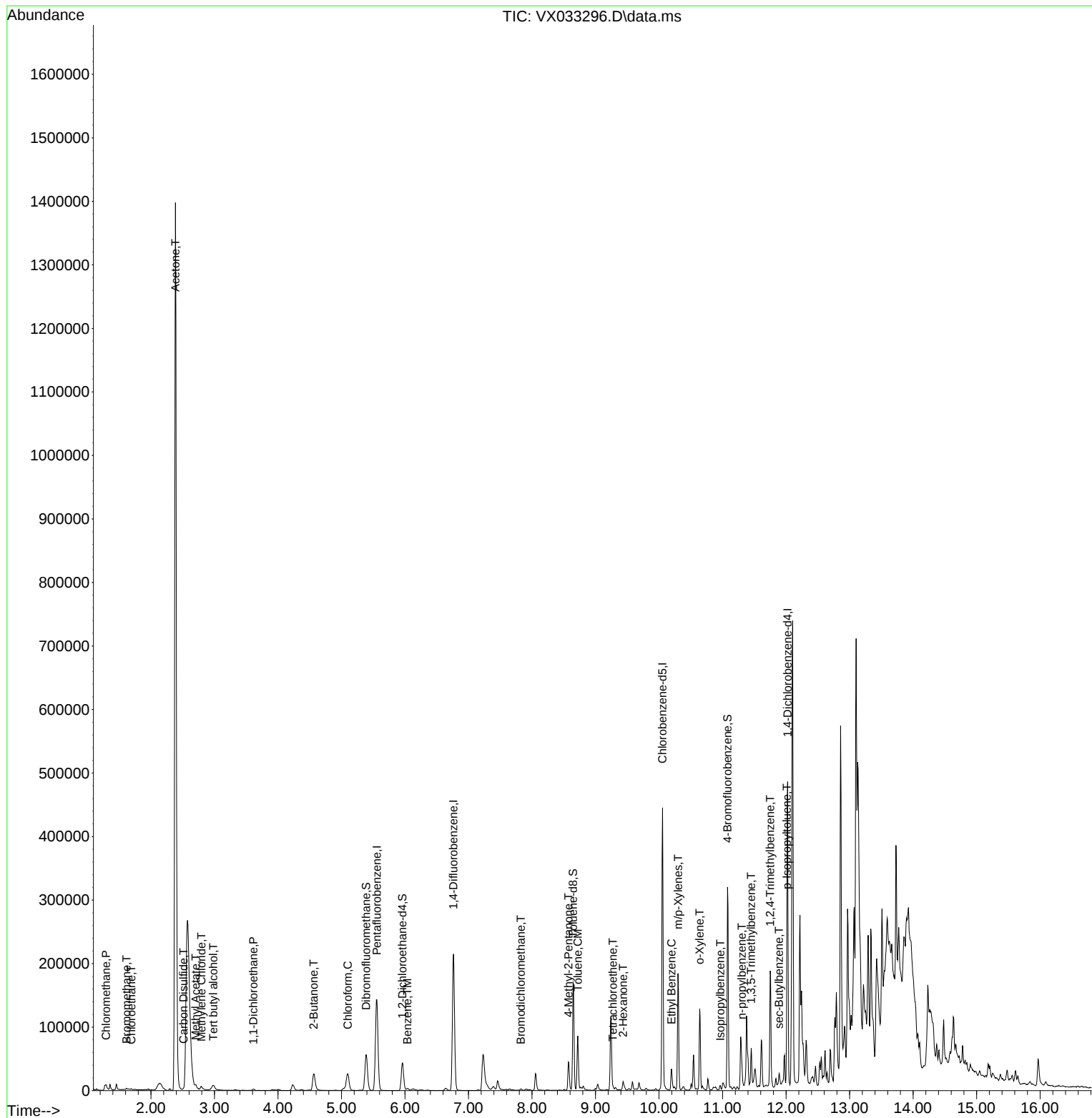
Internal Standards						
1) Pentafluorobenzene	5.556	168	137935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45134	51.005	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.000%		
35) Dibromofluoromethane	5.385	113	48356	49.052	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.100%		
50) Toluene-d8	8.647	98	104131	50.493	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.980%		
62) 4-Bromofluorobenzene	11.079	95	81034	51.390	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	2766	2.483	ug/l	96
5) Bromomethane	1.617	94	624	0.668	ug/l #	77
6) Chloroethane	1.691	64	979	1.015	ug/l #	85
11) Tert butyl alcohol	2.983	59	13176	48.702	ug/l #	83
16) Acetone	2.386	43	1591100	2429.894	ug/l	97
17) Carbon Disulfide	2.514	76	2369	0.738	ug/l	96
18) Methyl Acetate	2.703	43	7813	4.122	ug/l #	89
20) Methylene Chloride	2.794	84	2403	1.646	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	2701	1.074	ug/l #	92
25) 2-Butanone	4.562	43	47185	50.201	ug/l	98
30) Chloroform	5.099	83	32098	11.501	ug/l	100
40) Benzene	6.037	78	3942	0.703	ug/l	97
47) Bromodichloromethane	7.824	83	1607	0.755	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	26269	14.210	ug/l	99
52) Toluene	8.720	92	31526	8.701	ug/l	99
59) 2-Hexanone	9.433	43	7596	5.576	ug/l	98
64) Tetrachloroethene	9.275	164	644	0.474	ug/l #	85
67) Ethyl Benzene	10.195	91	19497	2.780	ug/l	99
68) m/p-Xylenes	10.299	106	41219	15.104	ug/l	100
69) o-Xylene	10.640	106	26686	9.893	ug/l	99
73) Isopropylbenzene	10.963	105	3618	0.507	ug/l	99
78) n-propylbenzene	11.305	91	9261	1.162	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	26027	4.382	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	79844	13.468	ug/l	99
85) sec-Butylbenzene	11.890	105	3107	0.450	ug/l	88
86) p-Isopropyltoluene	12.012	119	5516	0.926	ug/l	95

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

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FMC-TOTE-1207

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Response via : Initial Calibration

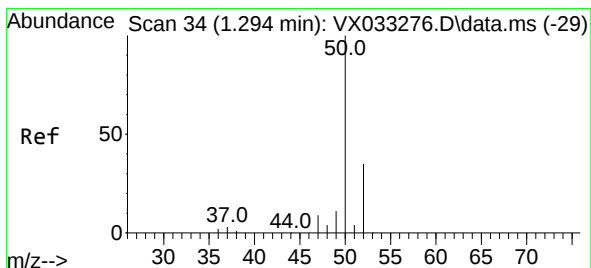
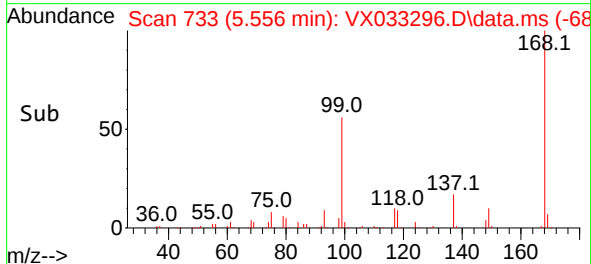
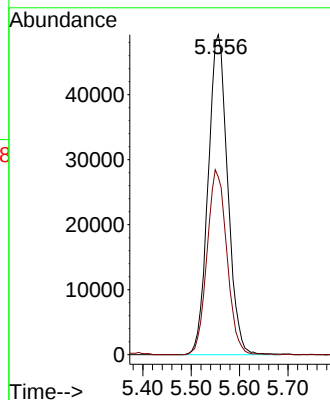
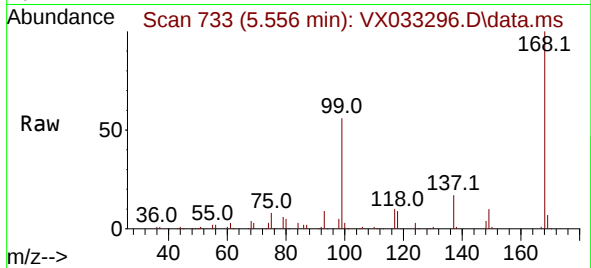




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

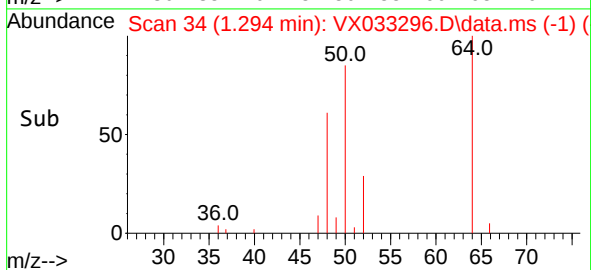
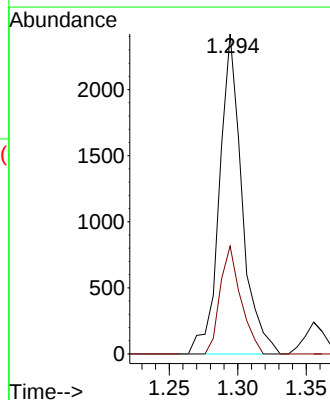
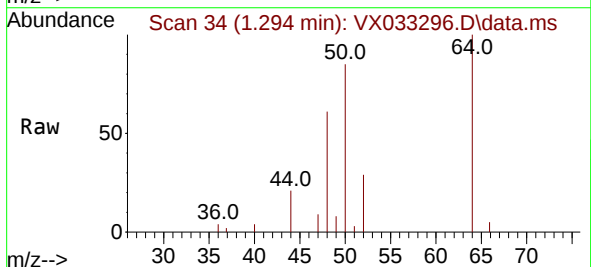
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

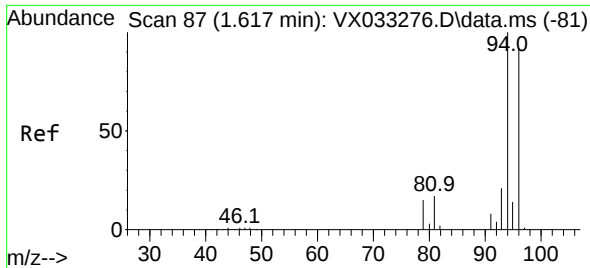
Tgt Ion:168 Resp: 137935
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#3
Chloromethane
Concen: 2.483 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 50 Resp: 2766
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

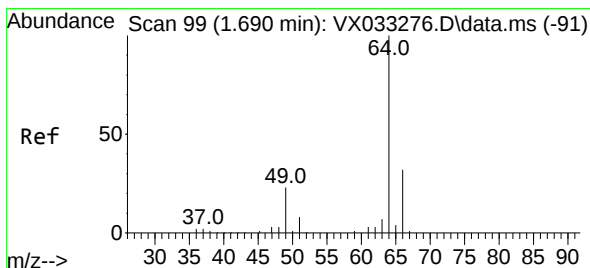
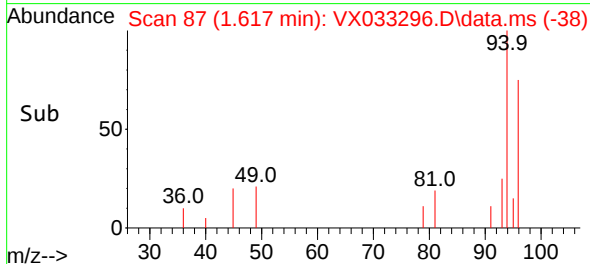
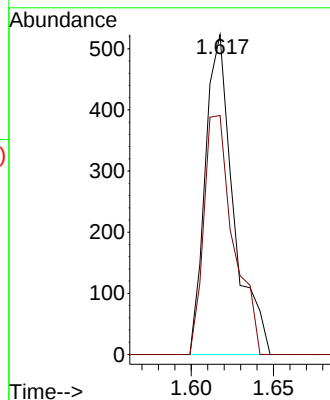
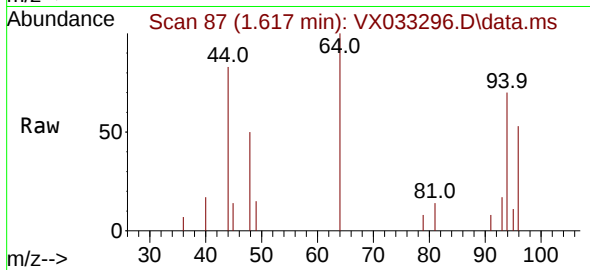




#5
Bromomethane
Concen: 0.668 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

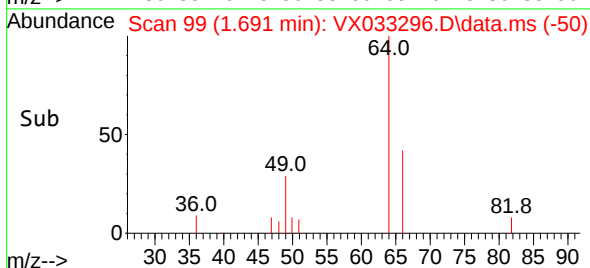
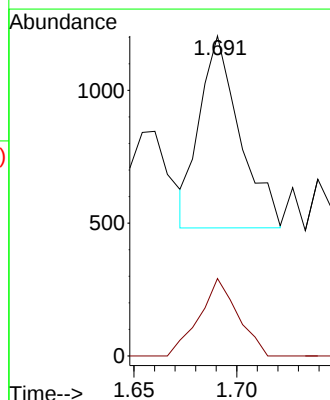
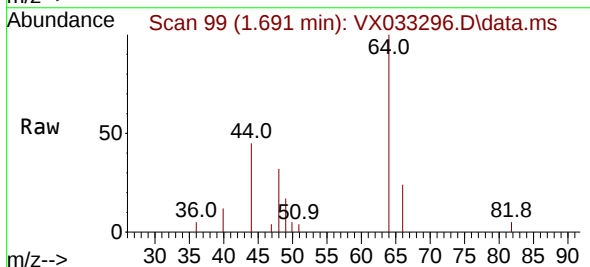
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

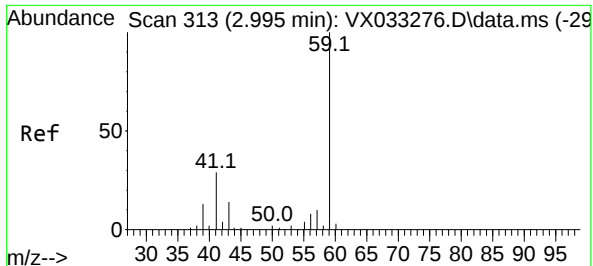
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 74.8 77.6 116.4#



#6
Chloroethane
Concen: 1.015 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 64 Resp: 979
Ion Ratio Lower Upper
64 100
66 40.8 26.0 39.0#

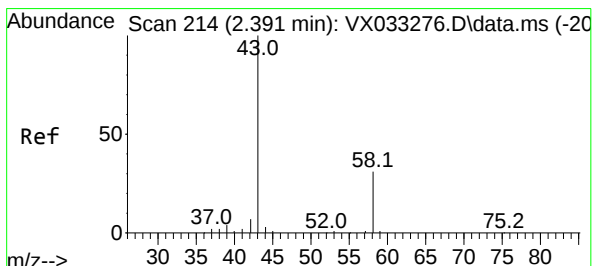
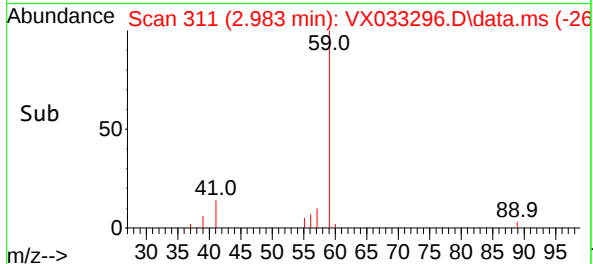
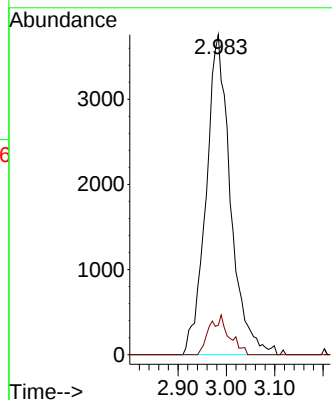
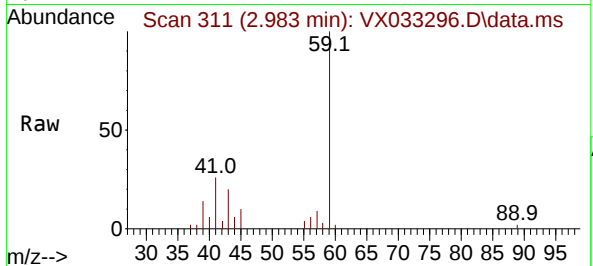




#11
Tert butyl alcohol
Concen: 48.702 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

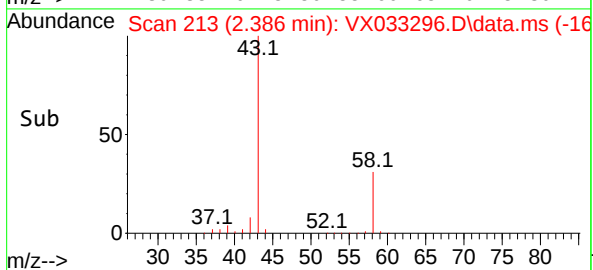
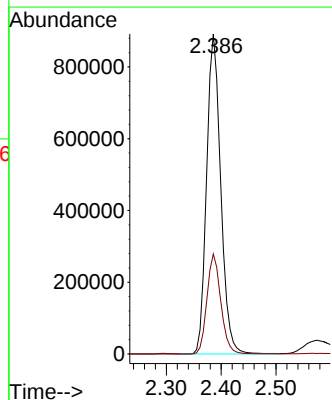
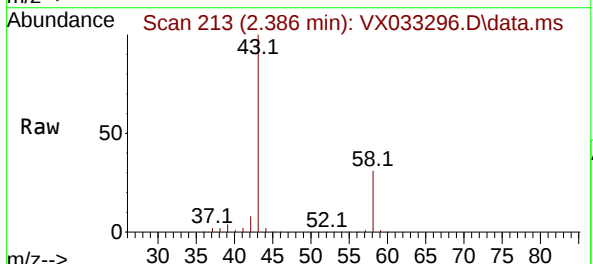
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

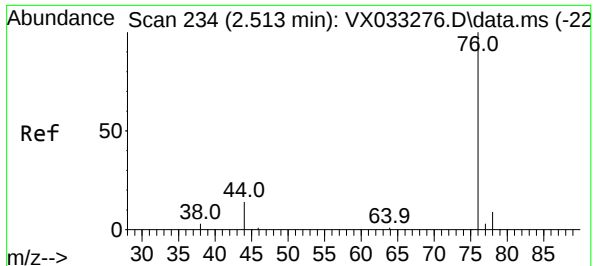
Tgt Ion: 59 Resp: 13176
Ion Ratio Lower Upper
59 100
57 4.1 8.2 12.4#



#16
Acetone
Concen: 2429.894 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 43 Resp: 1591100
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8

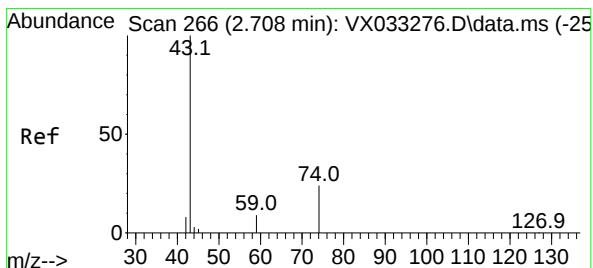
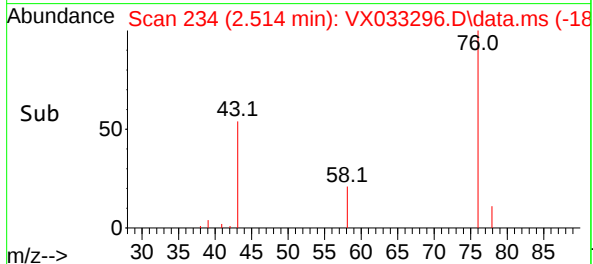
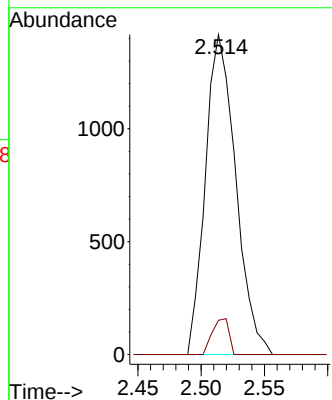
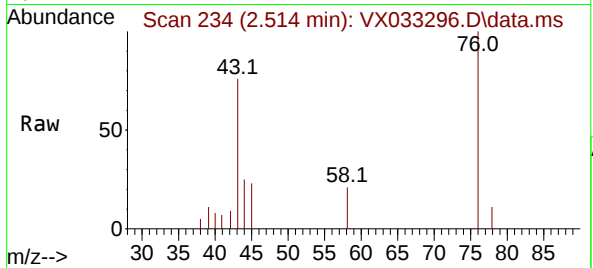




#17
Carbon Disulfide
Concen: 0.738 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

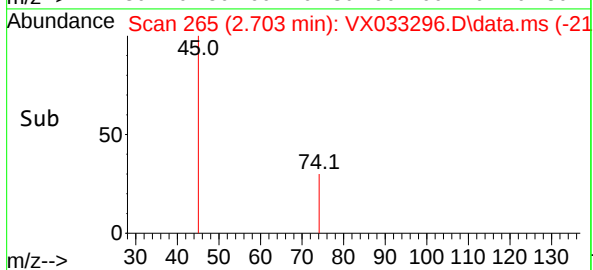
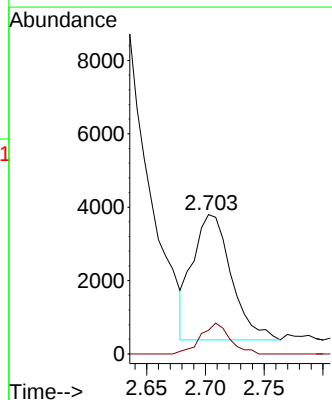
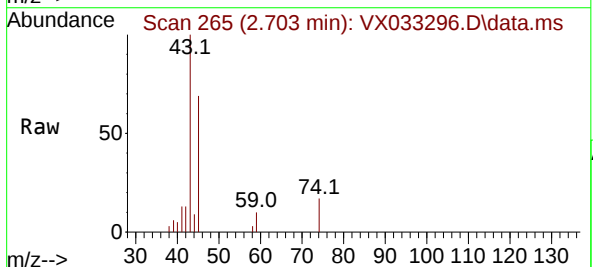
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

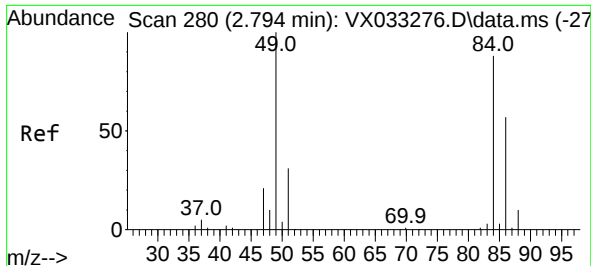
Tgt Ion: 76 Resp: 2369
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#18
Methyl Acetate
Concen: 4.122 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

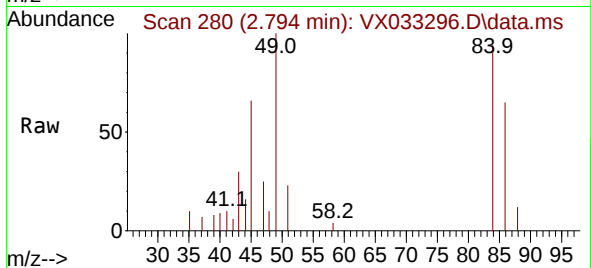
Tgt Ion: 43 Resp: 7813
Ion Ratio Lower Upper
43 100
74 18.5 19.4 29.0#



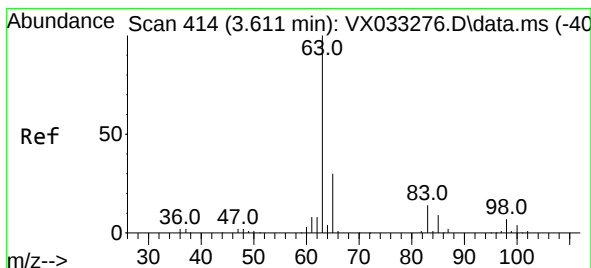
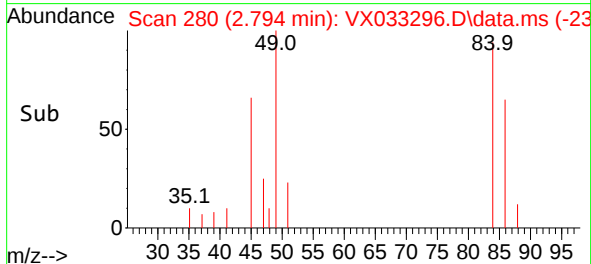
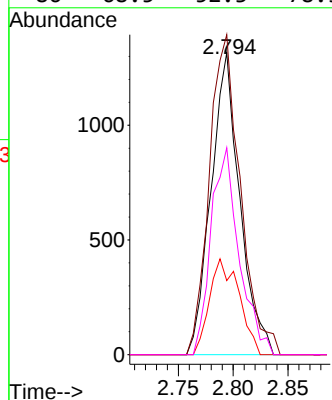


#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

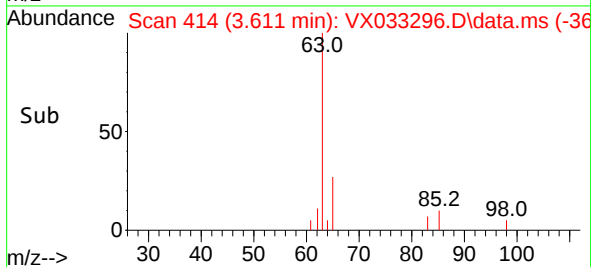
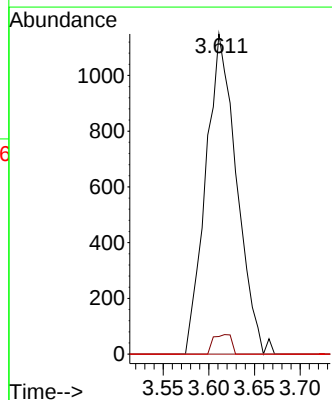
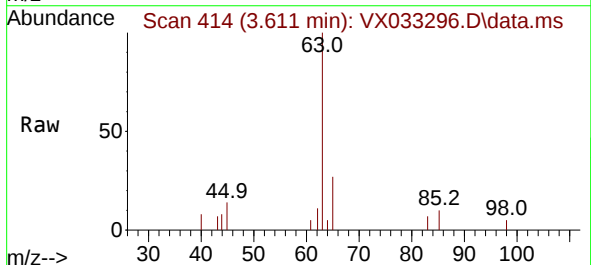


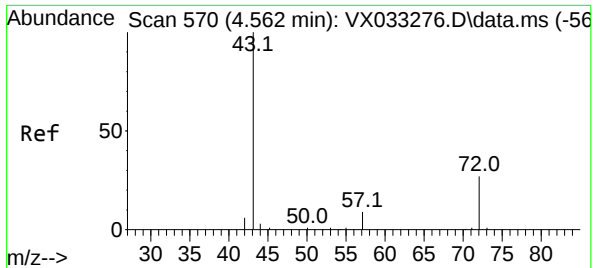
Tgt Ion:	84	Resp:	2403
Ion	Ratio	Lower	Upper
84	100		
49	105.9	101.0	151.6
51	24.5	31.1	46.7#
86	68.5	52.3	78.5



#24
1,1-Dichloroethane
Concen: 1.074 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion:	63	Resp:	2701
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.5	10.4
100	0.0	2.3	6.8#

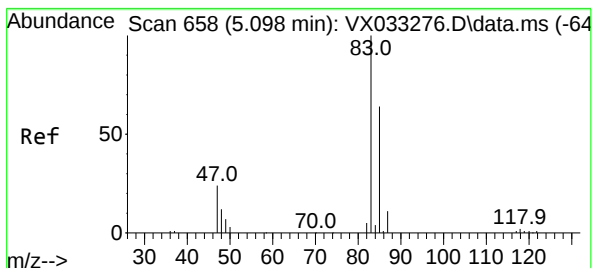
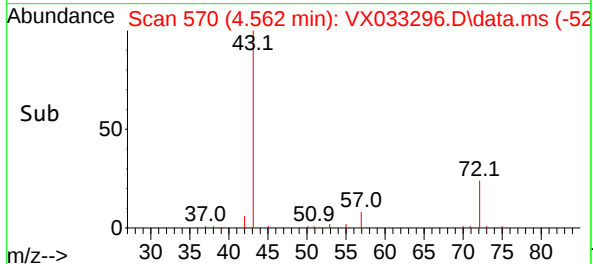
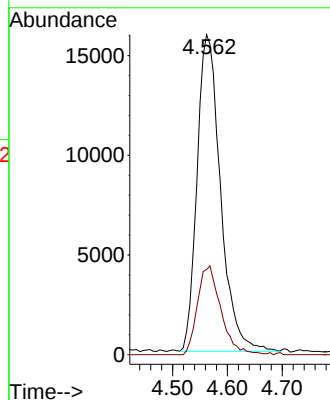
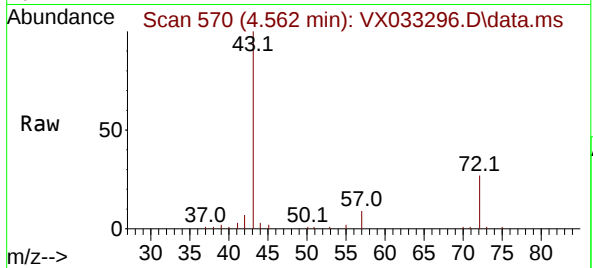




#25
2-Butanone
Concen: 50.201 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

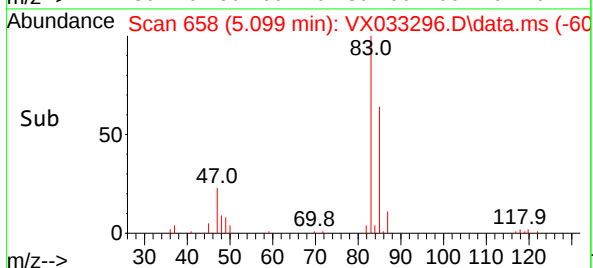
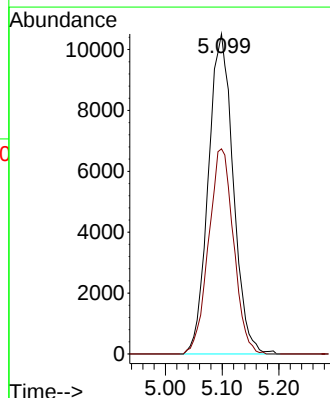
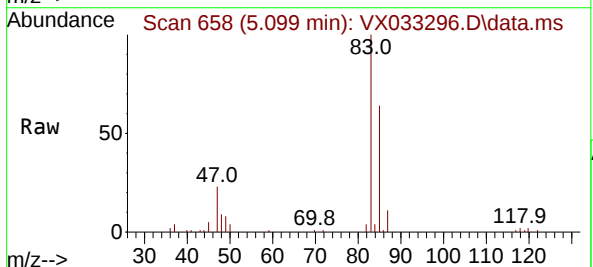
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FMC-TOTE-1207

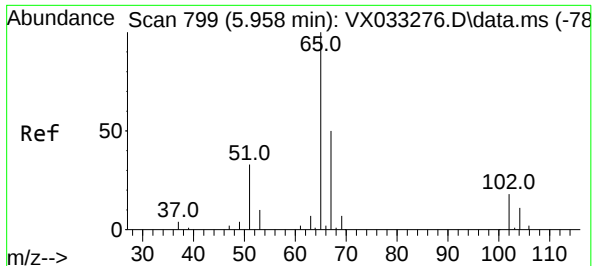
Tgt Ion: 43 Resp: 47185
Ion Ratio Lower Upper
43 100
72 26.9 22.2 33.2



#30
Chloroform
Concen: 11.501 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 83 Resp: 32098
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 51.005 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033296.D

Acq: 07 Dec 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

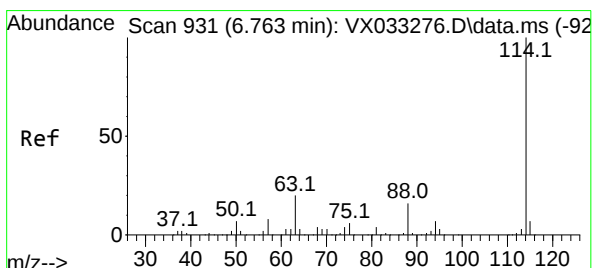
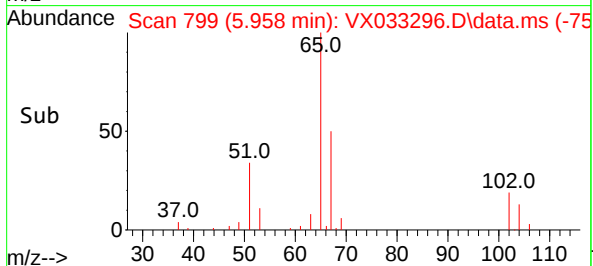
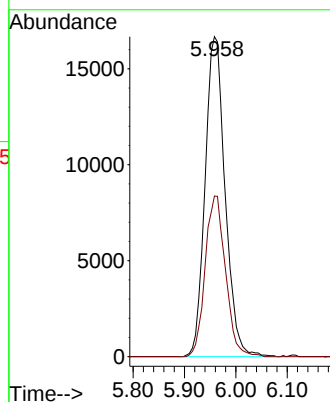
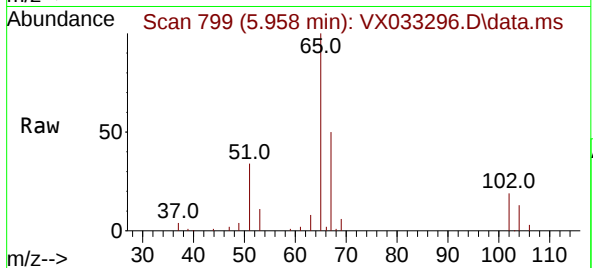
FMC-TOTE-1207

Tgt Ion: 65 Resp: 45134

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033296.D

Acq: 07 Dec 2022 21:05

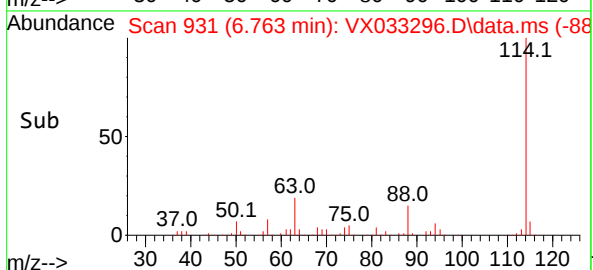
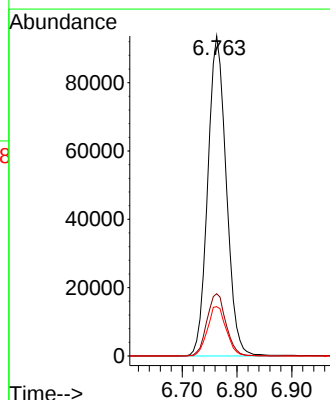
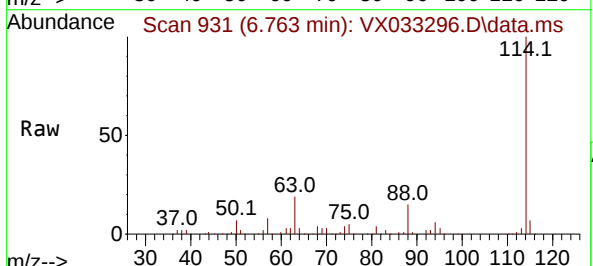
Tgt Ion: 114 Resp: 219178

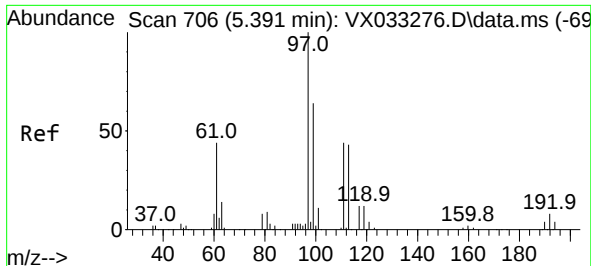
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 15.4 0.0 33.4

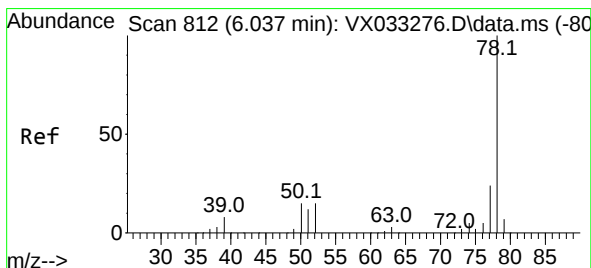
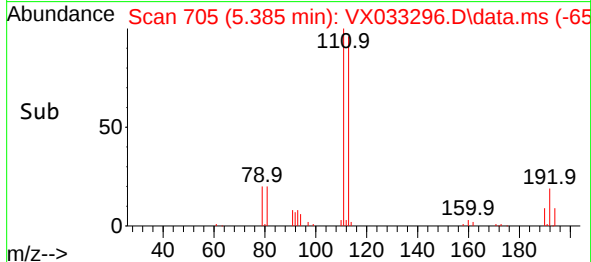
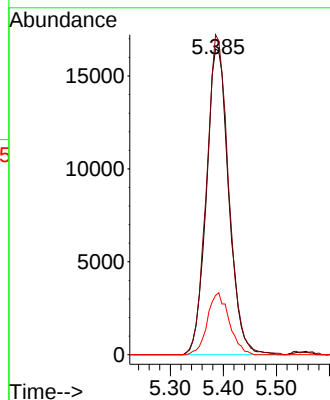
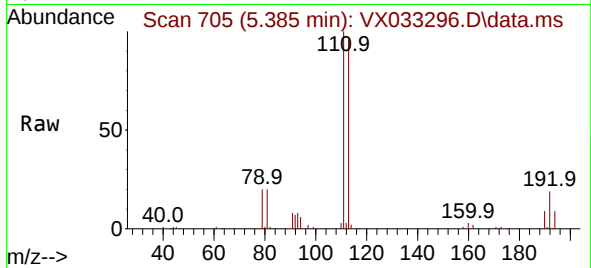




#35
Dibromofluoromethane
Concen: 49.052 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

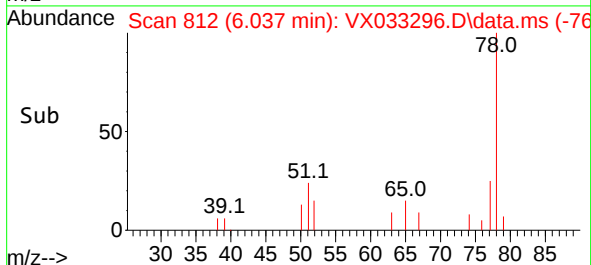
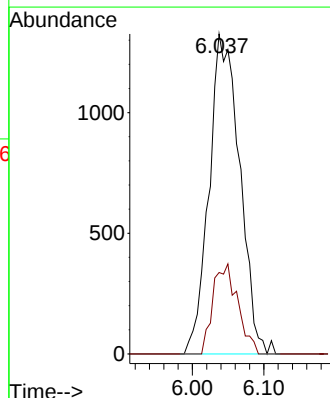
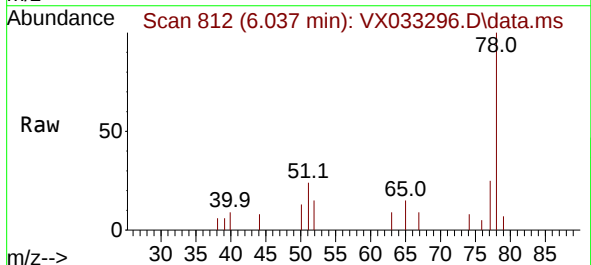
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

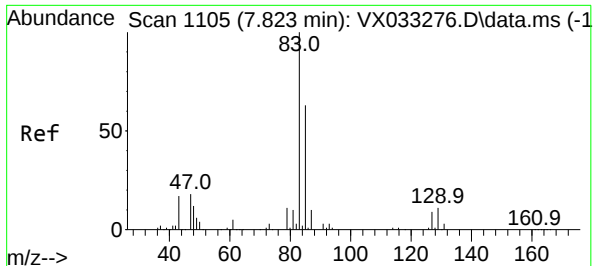
Tgt Ion:113 Resp: 48356
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.7 15.4 23.2



#40
Benzene
Concen: 0.703 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 78 Resp: 3942
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4

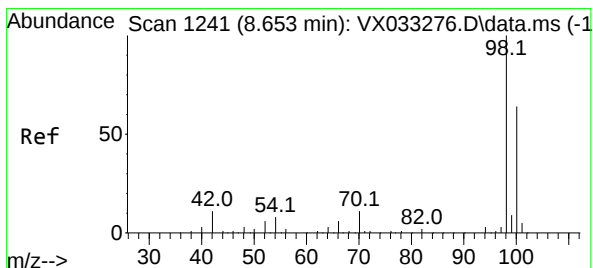
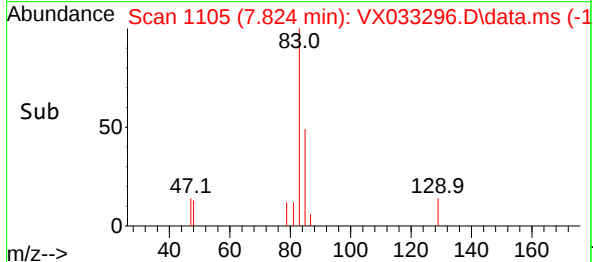
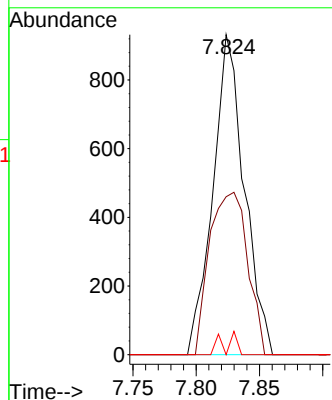
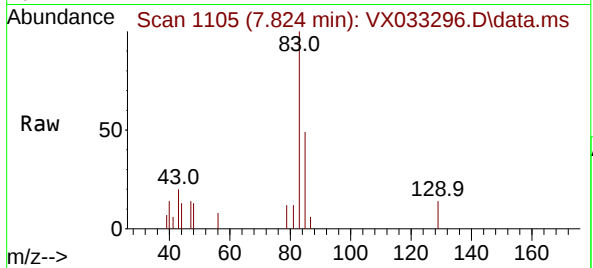




#47
Bromodichloromethane
Concen: 0.755 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

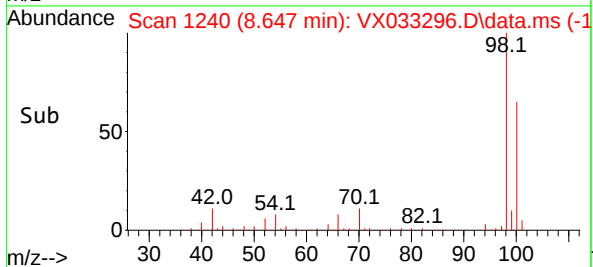
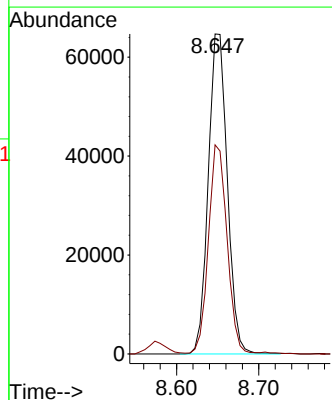
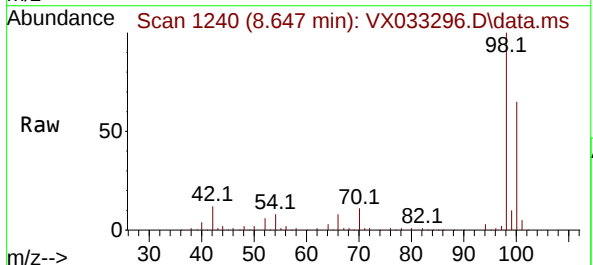
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

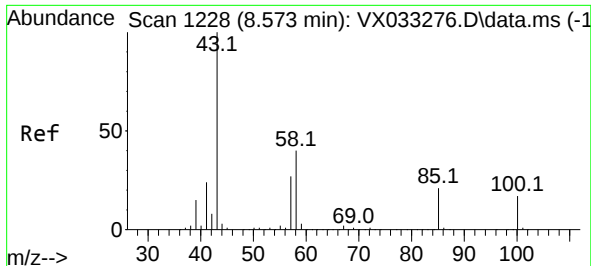
Tgt Ion: 83 Resp: 1607
Ion Ratio Lower Upper
83 100
85 49.4 52.2 78.4#
127 0.0 7.4 11.2#



#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 98 Resp: 104131
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

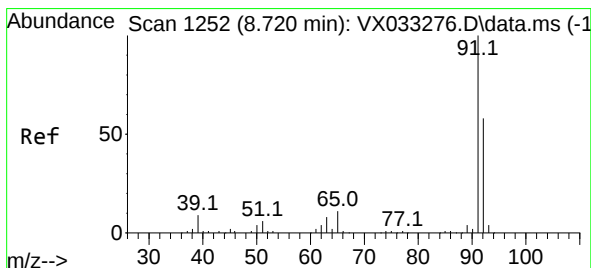
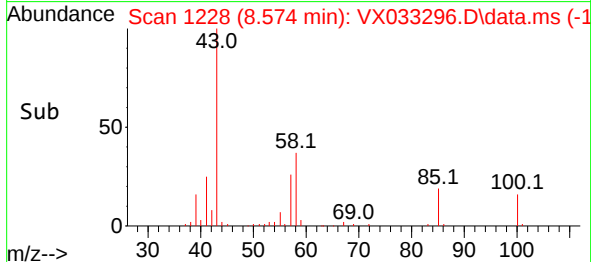
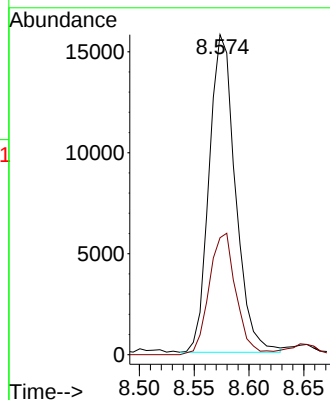
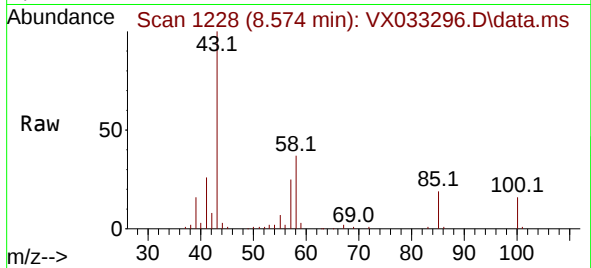




#51
4-Methyl-2-Pentanone
Concen: 14.210 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

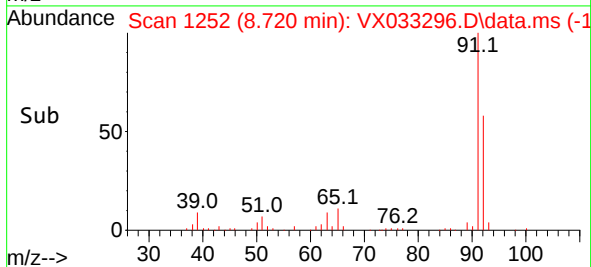
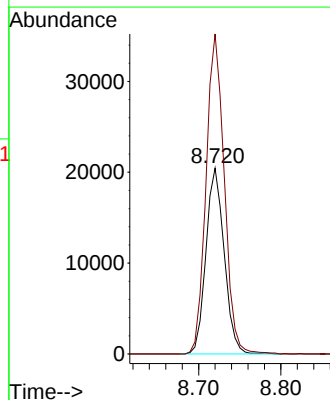
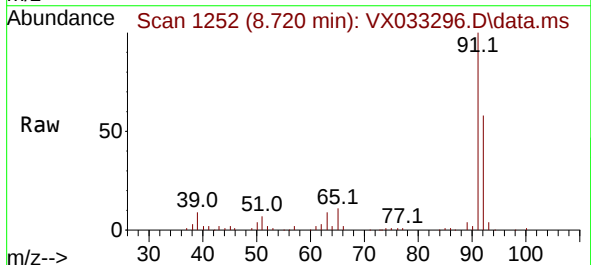
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

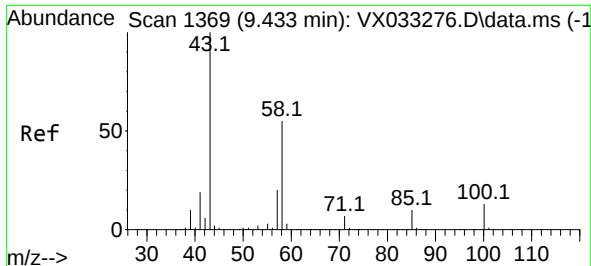
Tgt Ion: 43 Resp: 26269
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3



#52
Toluene
Concen: 8.701 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 92 Resp: 31526
Ion Ratio Lower Upper
92 100
91 172.2 138.3 207.5





#59

2-Hexanone

Concen: 5.576 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033296.D

Acq: 07 Dec 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

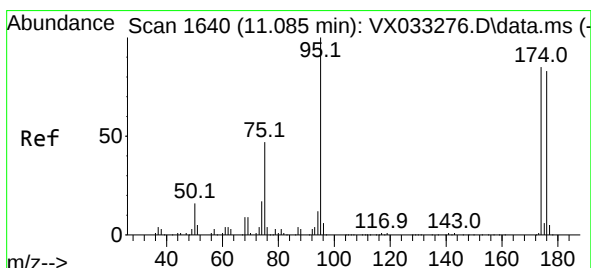
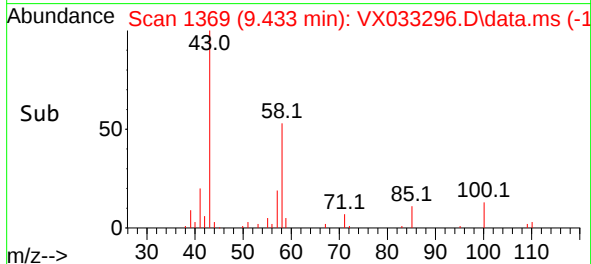
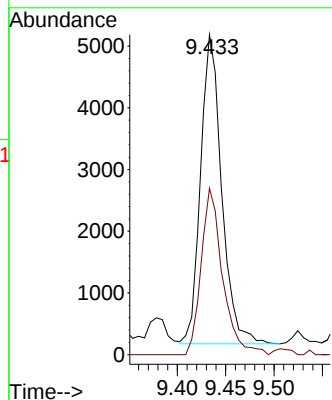
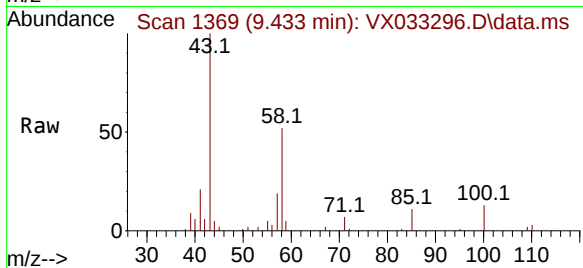
FMC-TOTE-1207

Tgt Ion: 43 Resp: 7596

Ion Ratio Lower Upper

43 100

58 54.6 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 51.390 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033296.D

Acq: 07 Dec 2022 21:05

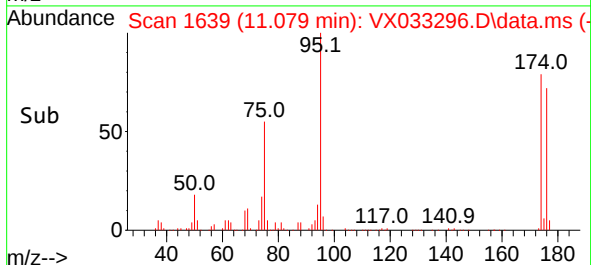
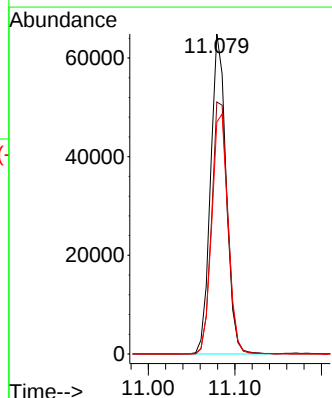
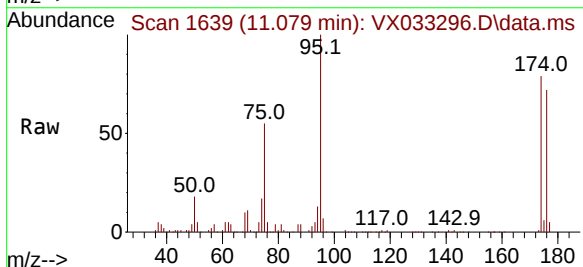
Tgt Ion: 95 Resp: 81034

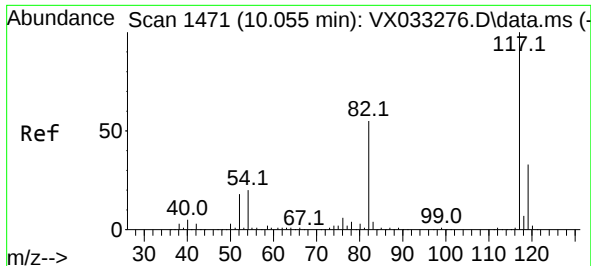
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 78.6 0.0 154.4

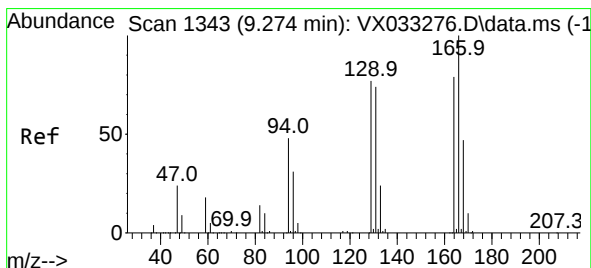
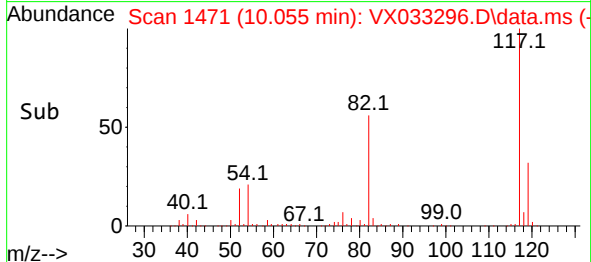
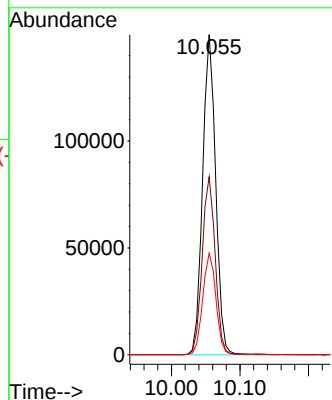
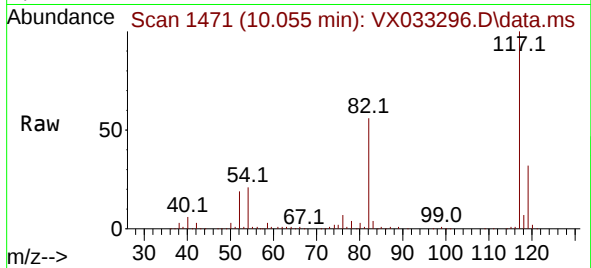




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

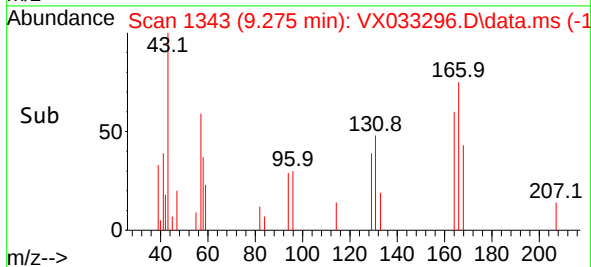
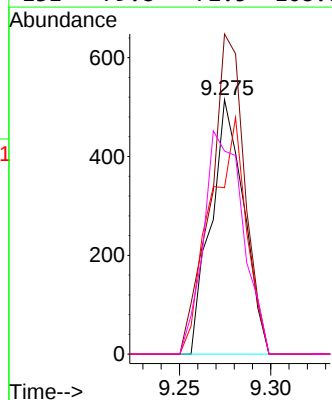
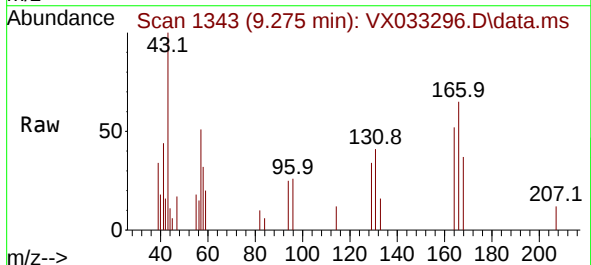
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

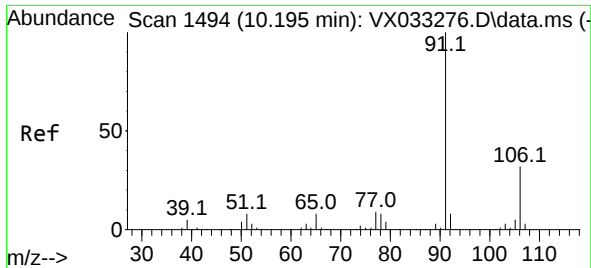
Tgt Ion:117 Resp: 198820
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 0.474 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion:164 Resp: 644
Ion Ratio Lower Upper
164 100
166 125.8 105.4 158.2
129 65.4 78.2 117.2#
131 79.8 72.5 108.7

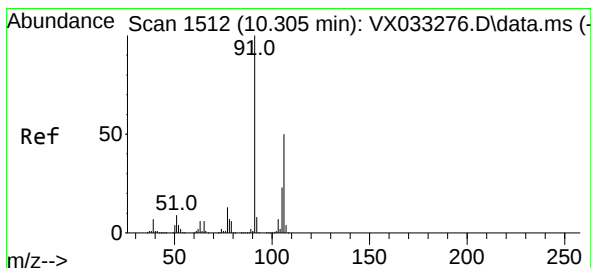
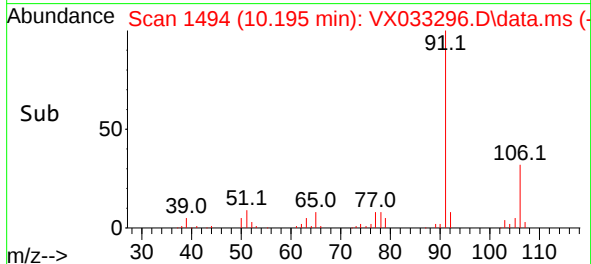
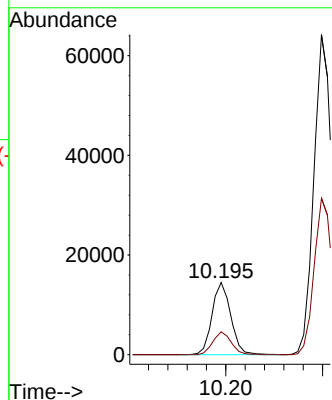
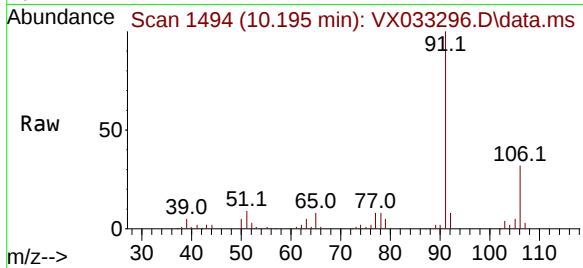




#67
Ethyl Benzene
Concen: 2.780 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

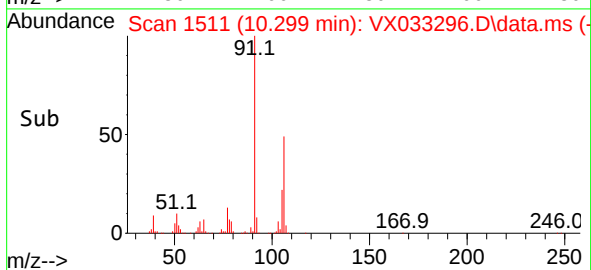
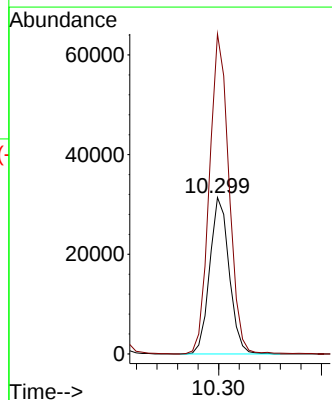
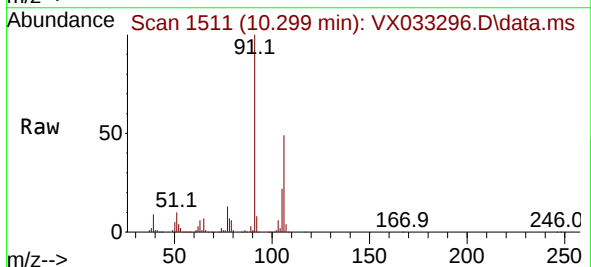
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

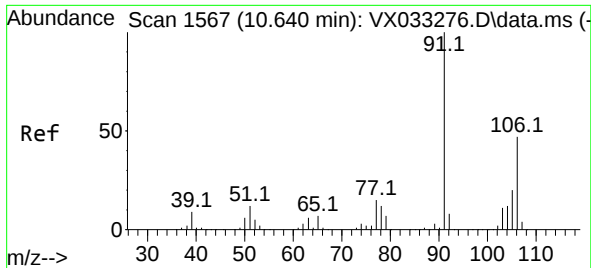
Tgt Ion: 91 Resp: 19497
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 15.104 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion: 106 Resp: 41219
Ion Ratio Lower Upper
106 100
91 206.3 164.5 246.7

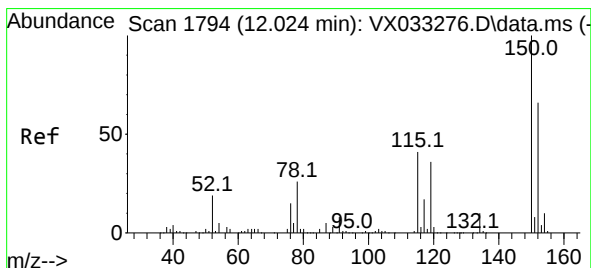
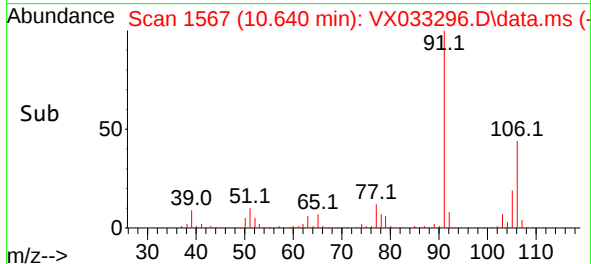
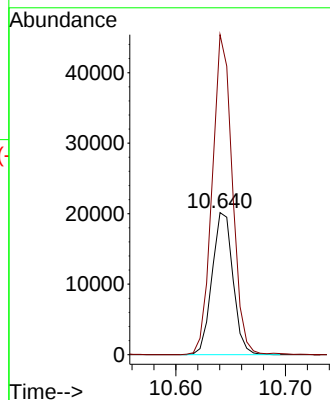
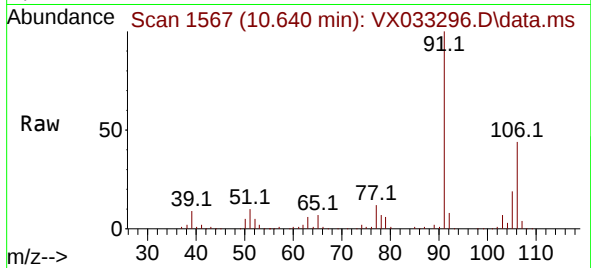




#69
o-Xylene
Concen: 9.893 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

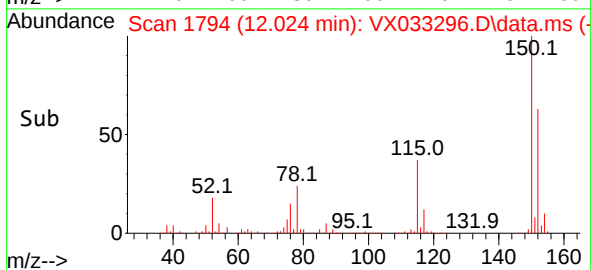
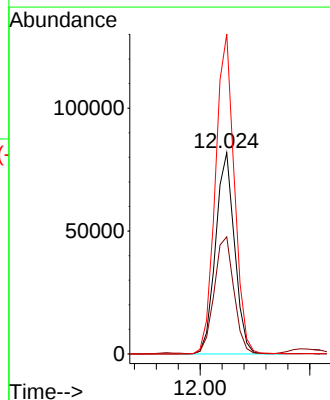
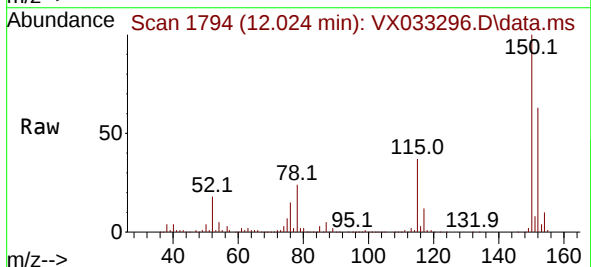
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

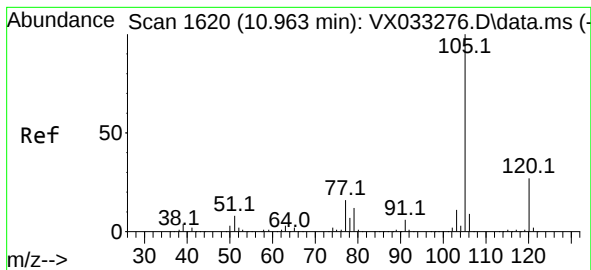
Tgt Ion:106 Resp: 26686
Ion Ratio Lower Upper
106 100
91 217.5 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion:152 Resp: 98440
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 158.6 0.0 351.8





#73

Isopropylbenzene

Concen: 0.507 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033296.D

Acq: 07 Dec 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

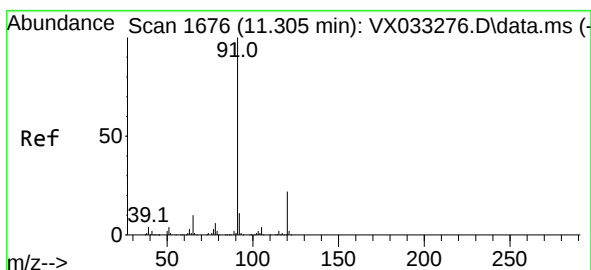
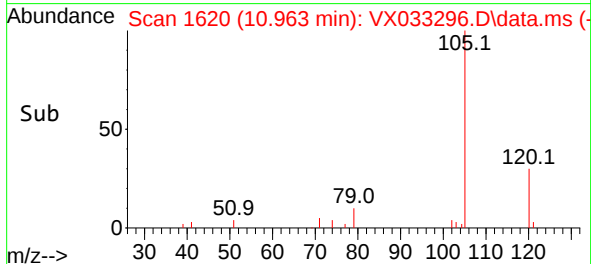
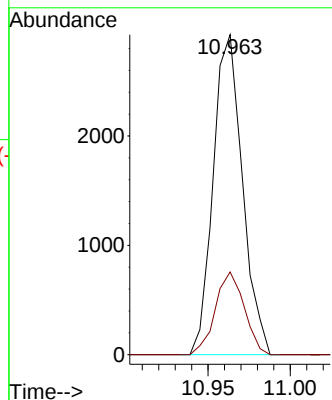
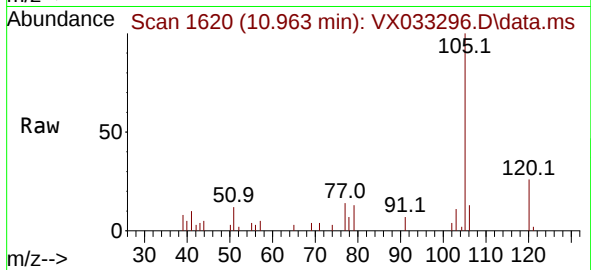
FMC-TOTE-1207

Tgt Ion:105 Resp: 3618

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#78

n-propylbenzene

Concen: 1.162 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033296.D

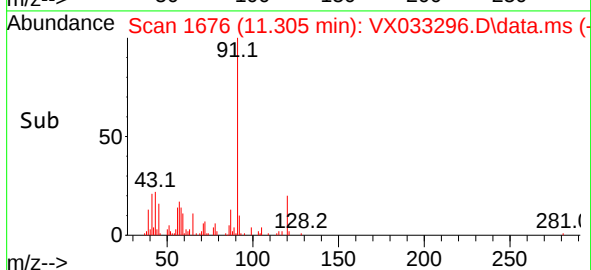
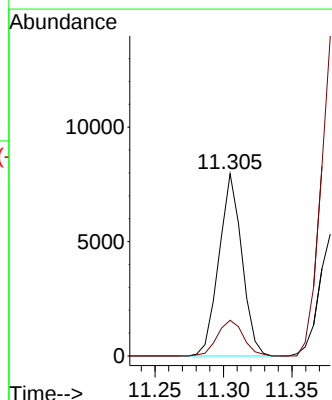
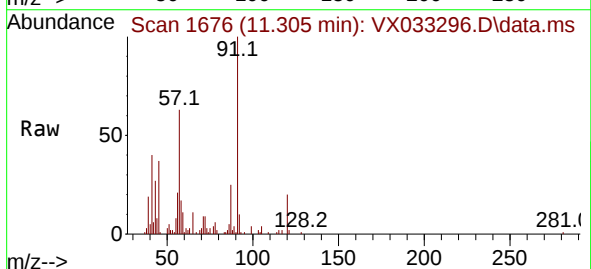
Acq: 07 Dec 2022 21:05

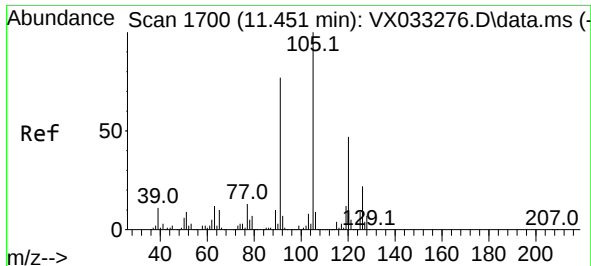
Tgt Ion: 91 Resp: 9261

Ion Ratio Lower Upper

91 100

120 22.2 11.6 34.8

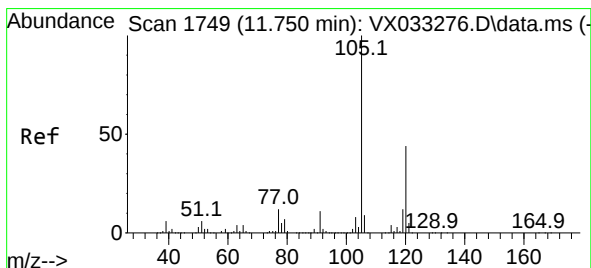
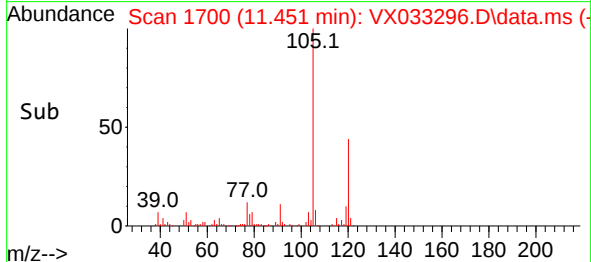
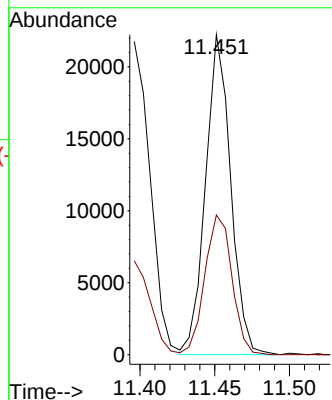
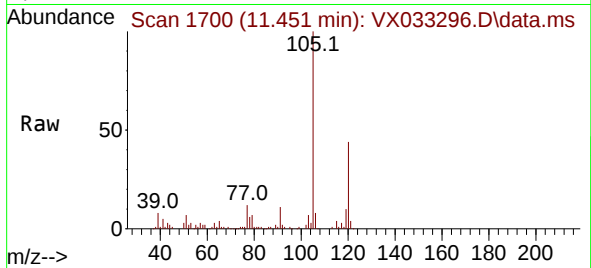




#80
1,3,5-Trimethylbenzene
Concen: 4.382 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

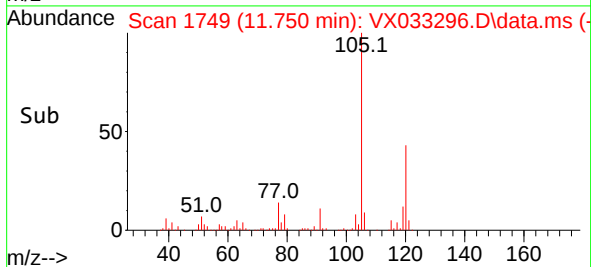
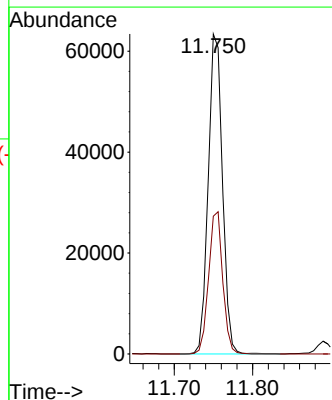
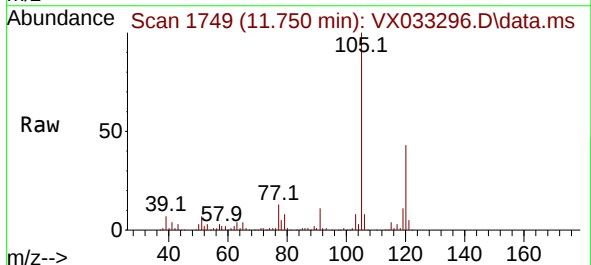
Instrument :
MSVOA_X
ClientSampleId :
FMC-TOTE-1207

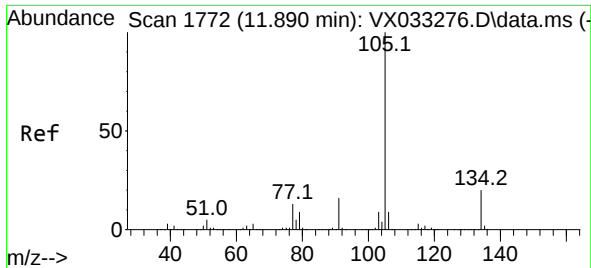
Tgt Ion:105 Resp: 26027
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0



#84
1,2,4-Trimethylbenzene
Concen: 13.468 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033296.D
Acq: 07 Dec 2022 21:05

Tgt Ion:105 Resp: 79844
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5

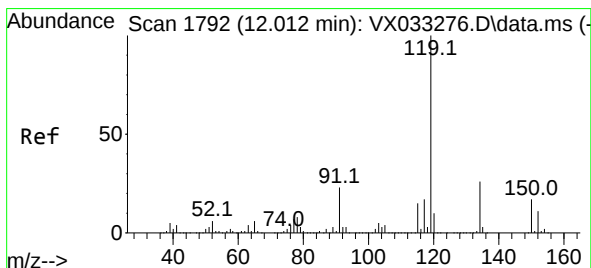
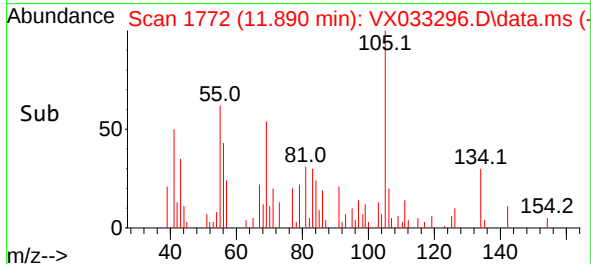
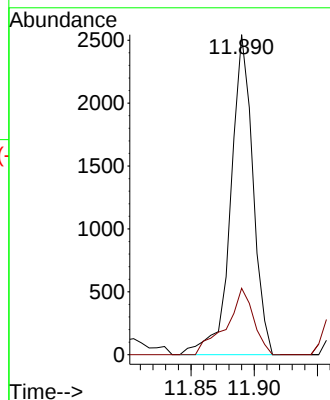
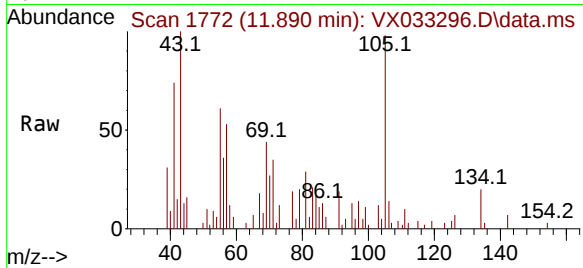




#85
 sec-Butylbenzene
 Concen: 0.450 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033296.D
 Acq: 07 Dec 2022 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-TOTE-1207

Tgt Ion:105 Resp: 3107
 Ion Ratio Lower Upper
 105 100
 134 25.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.926 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033296.D
 Acq: 07 Dec 2022 21:05

Tgt Ion:119 Resp: 5516
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 29.8 12.5 37.5

