

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036351.D
 Acq On : 27 Jun 2023 15:13
 Operator : JC/MD
 Sample : 03361-23ME
 Misc : 10.67g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB-7-GRAB-5ME

Quant Time: Jun 28 04:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

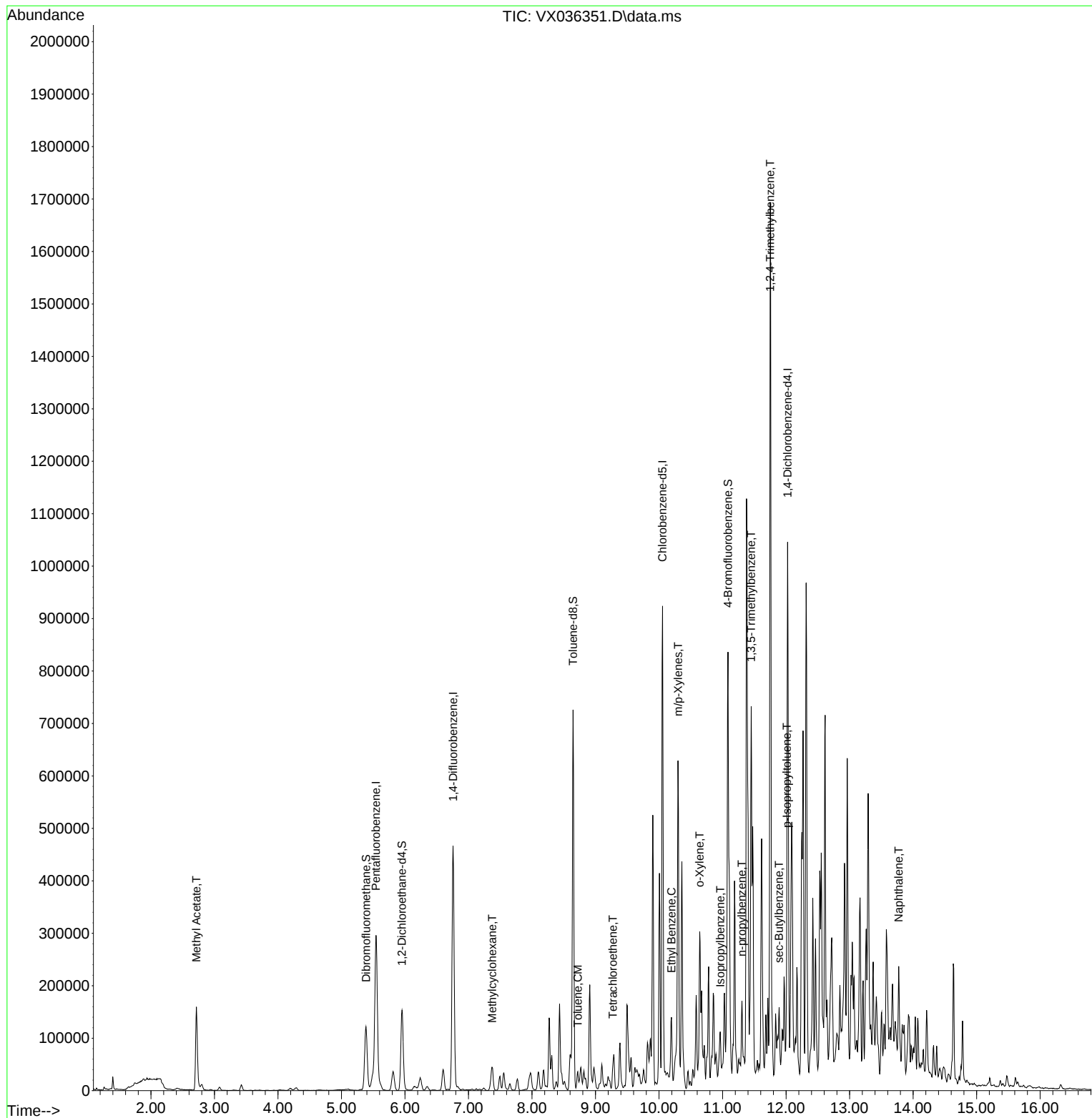
Internal Standards						
1) Pentafluorobenzene	5.544	168	280315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	473507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151532	37.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	75.420%#		
35) Dibromofluoromethane	5.385	113	108692	34.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.620%#		
50) Toluene-d8	8.647	98	431693	37.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	74.040%#		
62) 4-Bromofluorobenzene	11.085	95	157434	38.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	76.660%#		
Target Compounds					Qvalue	
18) Methyl Acetate	2.715	43	209450	29.656	ug/l	96
39) Methylcyclohexane	7.373	83	19555	3.508	ug/l	96
52) Toluene	8.720	92	12205	1.481	ug/l	97
64) Tetrachloroethene	9.275	164	6529	2.177	ug/l	95
67) Ethyl Benzene	10.195	91	56872	3.583	ug/l	98
68) m/p-Xylenes	10.299	106	135017	21.893	ug/l	98
69) o-Xylene	10.640	106	63356	10.638	ug/l	98
73) Isopropylbenzene	10.963	105	23604	1.572	ug/l	100
78) n-propylbenzene	11.305	91	90280	5.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289490	22.766	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	725378	57.660	ug/l	95
85) sec-Butylbenzene	11.890	105	23222	1.504	ug/l	98
86) p-Isopropyltoluene	12.012	119	20223	1.561	ug/l	98
95) Naphthalene	13.774	128	112364	8.261	ug/l	99

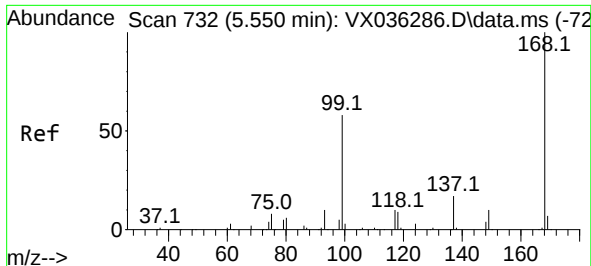
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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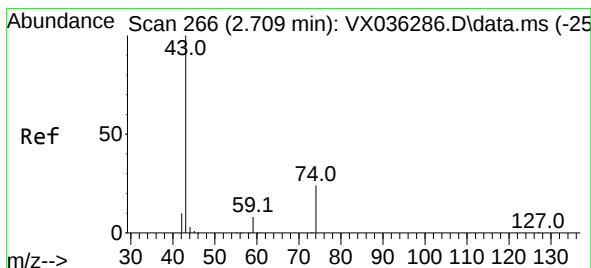
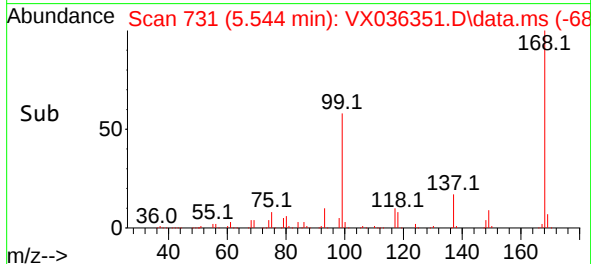
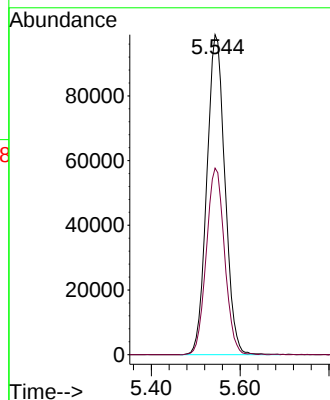
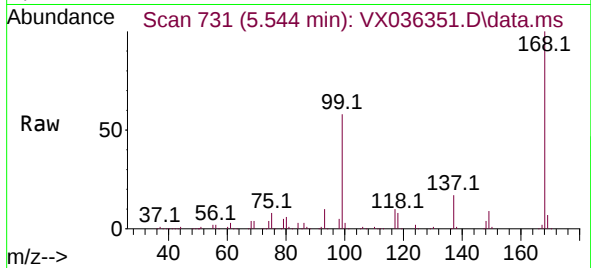




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.005 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

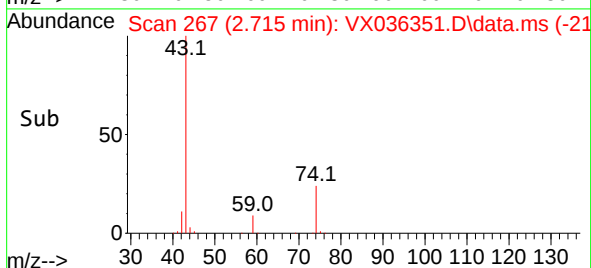
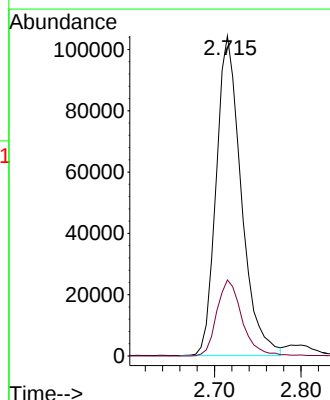
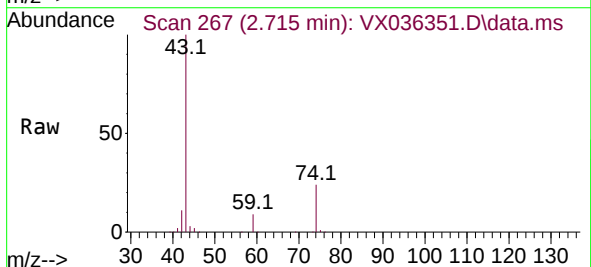
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

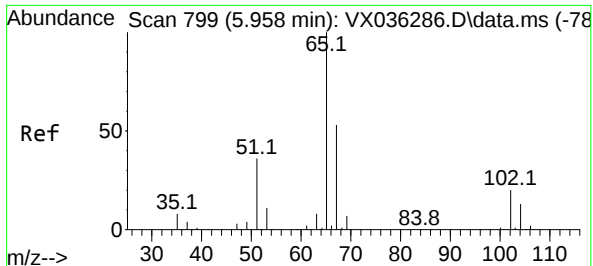
Tgt Ion:168 Resp: 280315
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#18
Methyl Acetate
Concen: 29.656 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion: 43 Resp: 209450
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8





#33

1,2-Dichloroethane-d4

Concen: 37.712 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036351.D

Acq: 27 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

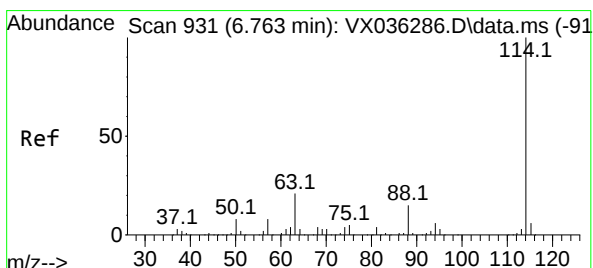
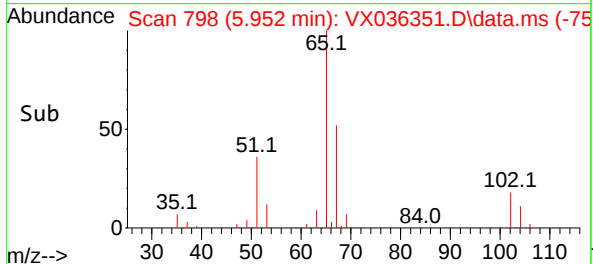
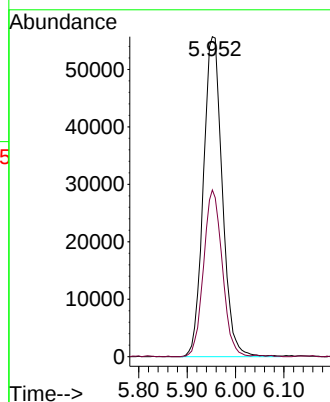
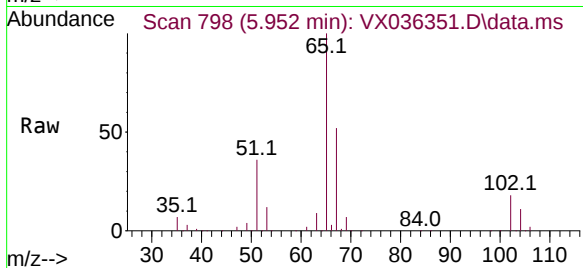
TOTAL-VOC-SB-7-GRAB-5ME

Tgt Ion: 65 Resp: 151532

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036351.D

Acq: 27 Jun 2023 15:13

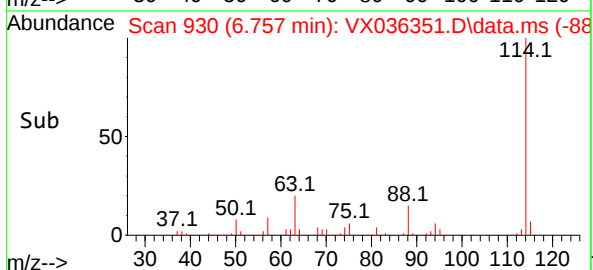
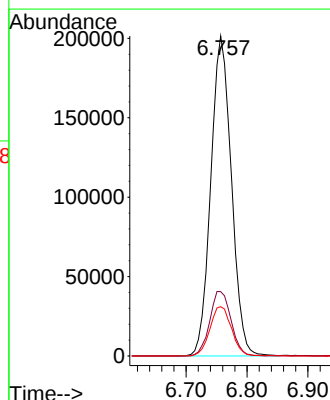
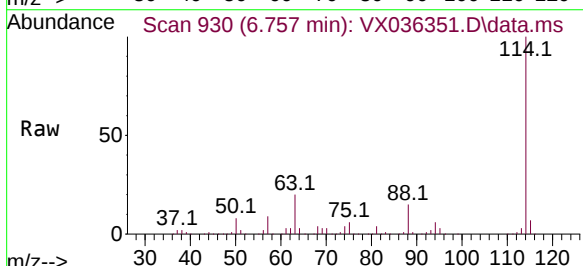
Tgt Ion: 114 Resp: 473507

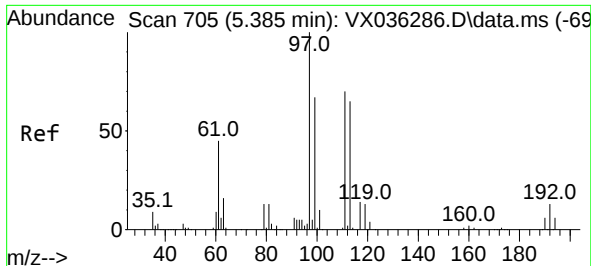
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.4 0.0 36.6

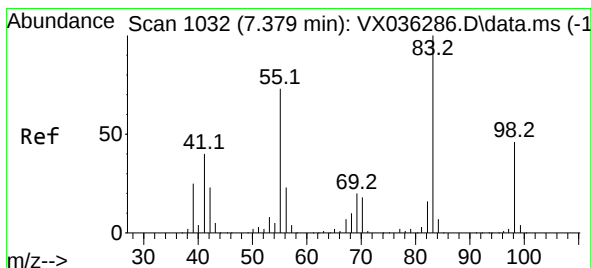
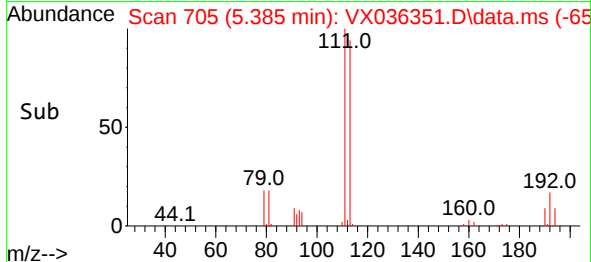
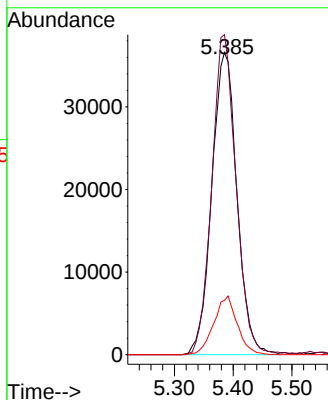
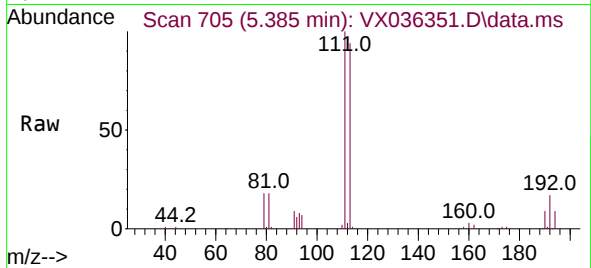




#35
Dibromofluoromethane
Concen: 34.813 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

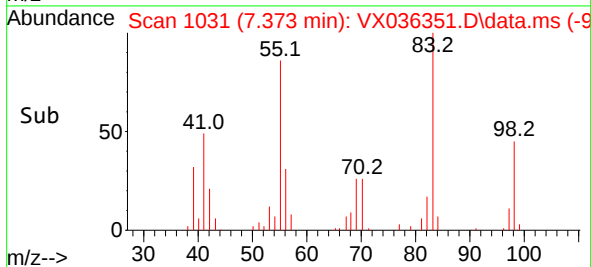
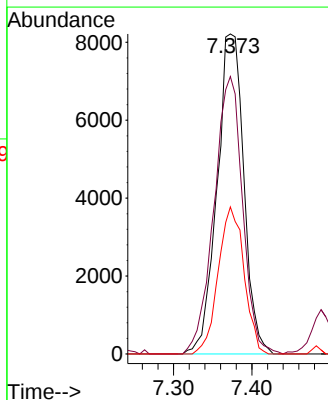
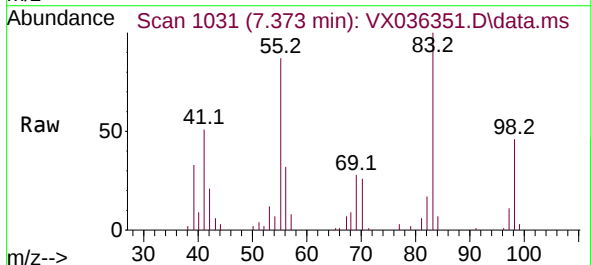
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

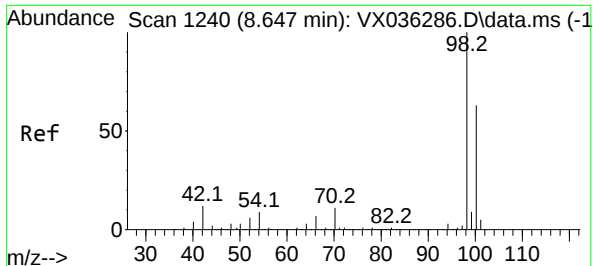
Tgt Ion:113 Resp: 108692
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9



#39
Methylcyclohexane
Concen: 3.508 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion: 83 Resp: 19555
Ion Ratio Lower Upper
83 100
55 86.7 64.6 97.0
98 45.9 36.7 55.1

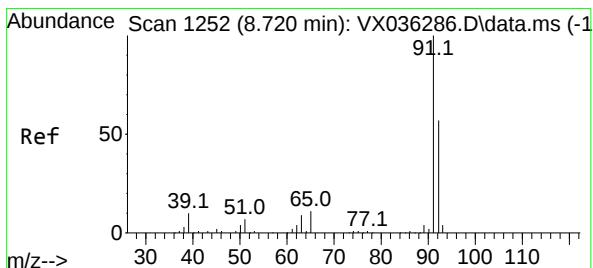
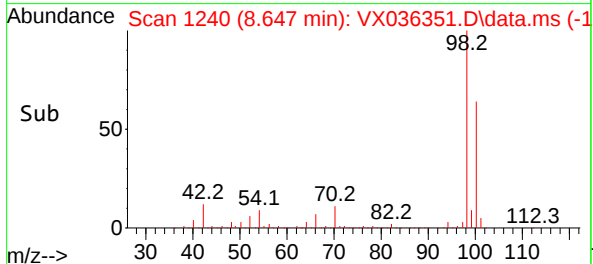
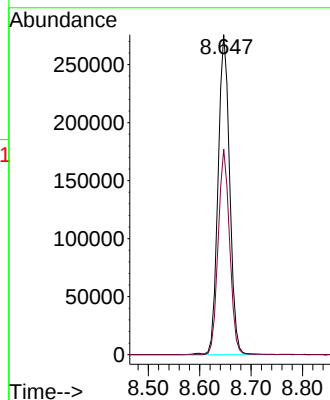
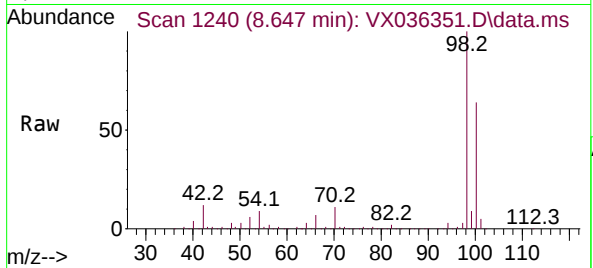




#50
Toluene-d8
Concen: 37.019 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

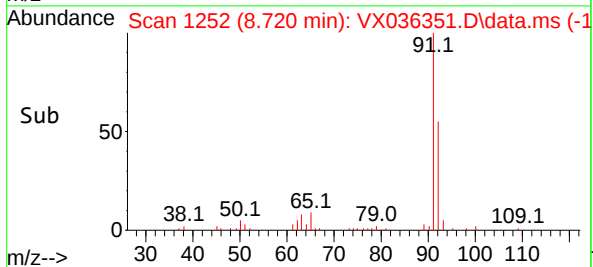
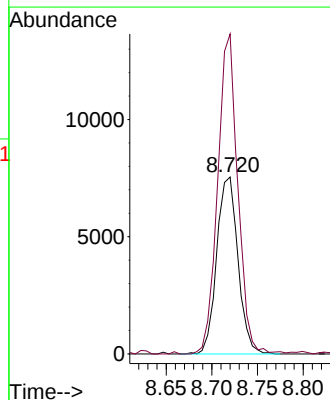
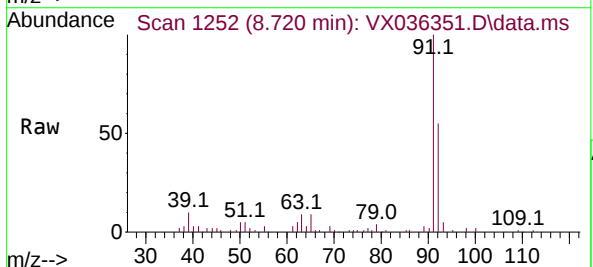
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

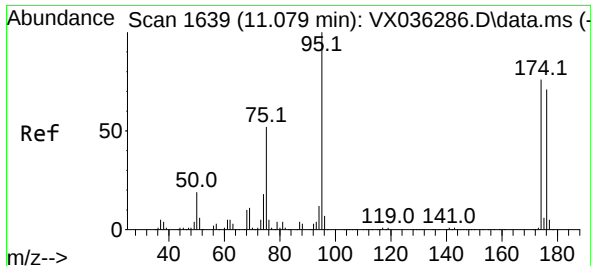
Tgt Ion: 98 Resp: 431693
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#52
Toluene
Concen: 1.481 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion: 92 Resp: 12205
Ion Ratio Lower Upper
92 100
91 171.5 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 38.328 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036351.D

Acq: 27 Jun 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5ME

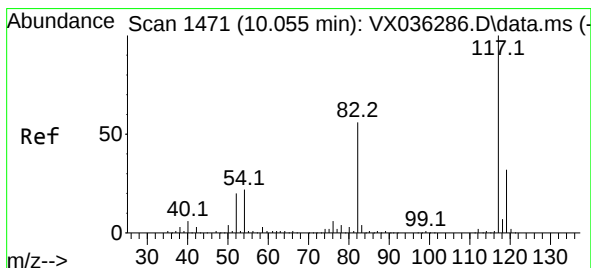
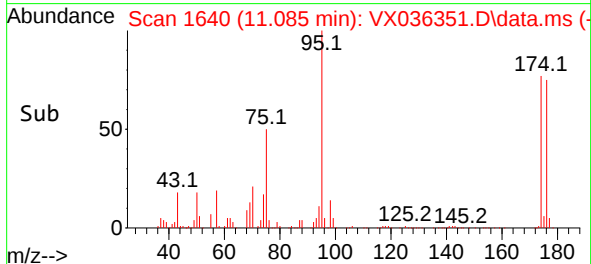
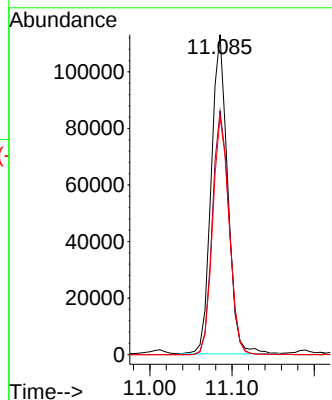
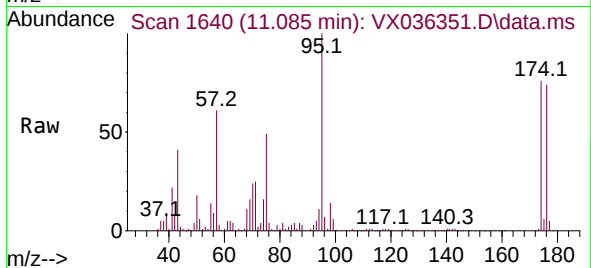
Tgt Ion: 95 Resp: 157434

Ion Ratio Lower Upper

95 100

174 76.9 0.0 135.6

176 74.5 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036351.D

Acq: 27 Jun 2023 15:13

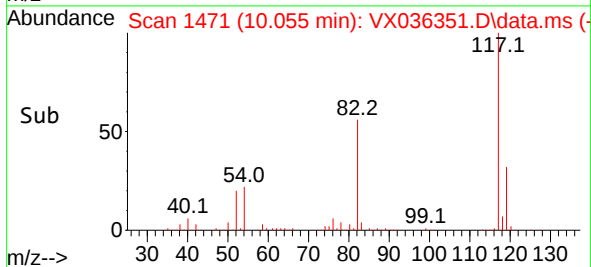
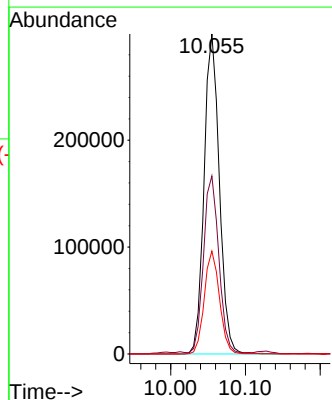
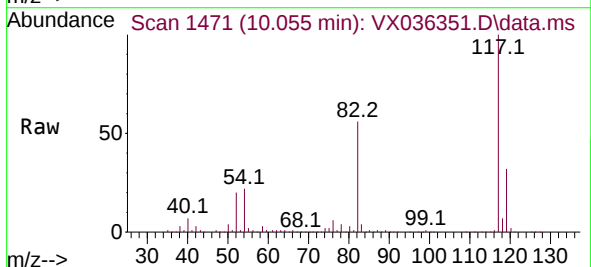
Tgt Ion: 117 Resp: 424739

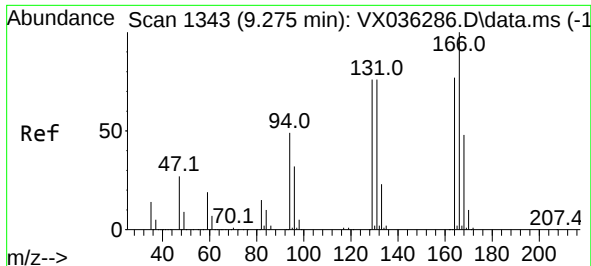
Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

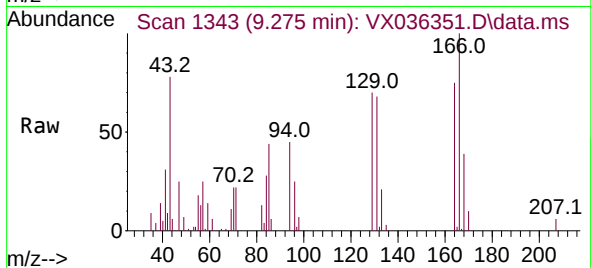
119 32.1 25.5 38.3



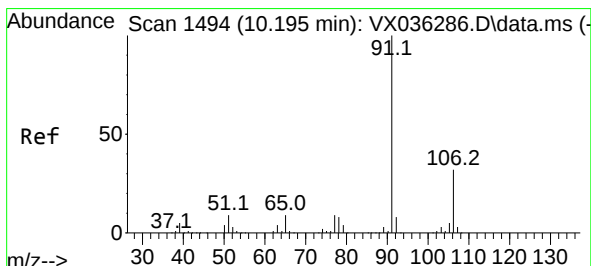
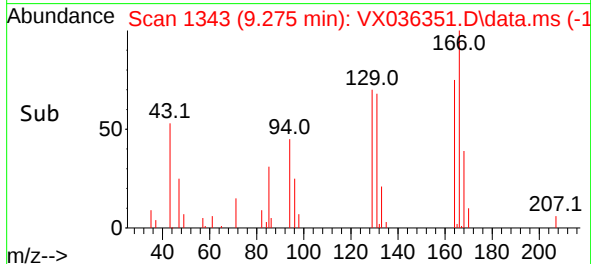
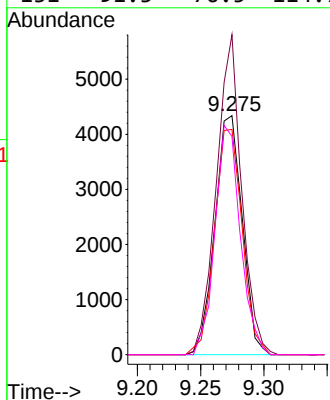


#64
Tetrachloroethene
Concen: 2.177 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

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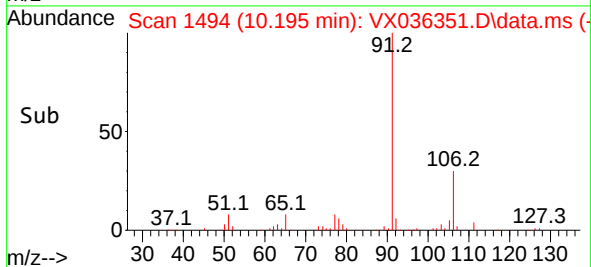
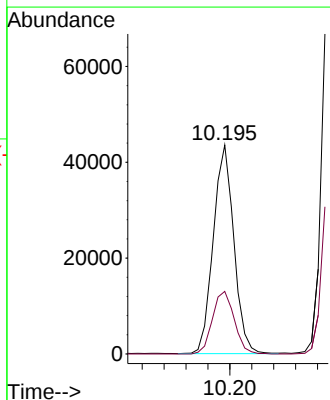
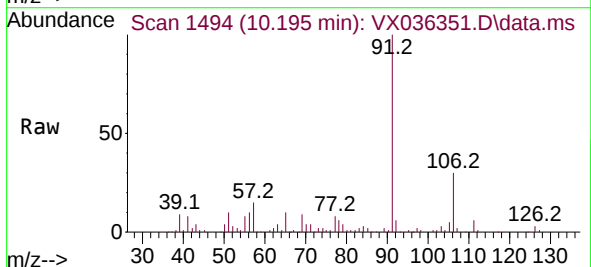


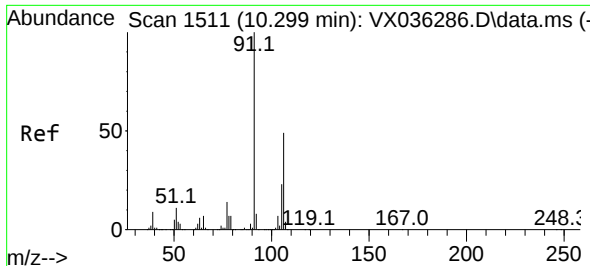
Tgt Ion:	164	Resp:	6529
Ion	Ratio	Lower	Upper
164	100		
166	133.9	102.7	154.1
129	94.3	80.4	120.6
131	91.3	76.5	114.7



#67
Ethyl Benzene
Concen: 3.583 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion:	91	Resp:	56872
Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.9	37.3

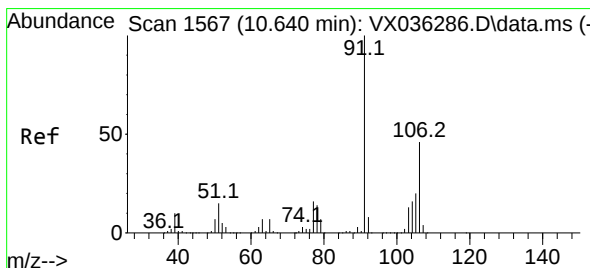
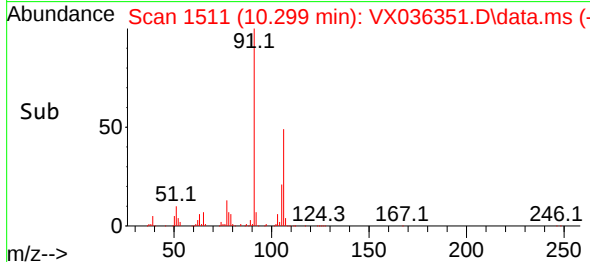
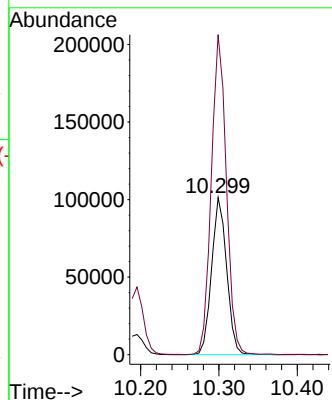
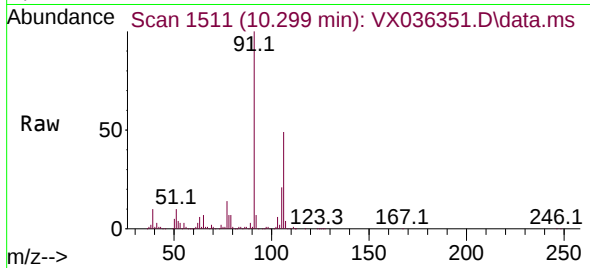




#68
m/p-Xylenes
Concen: 21.893 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

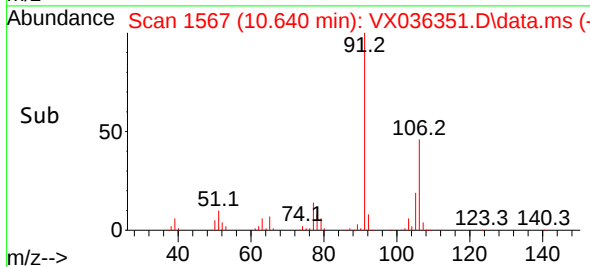
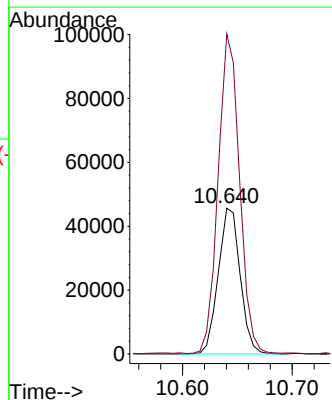
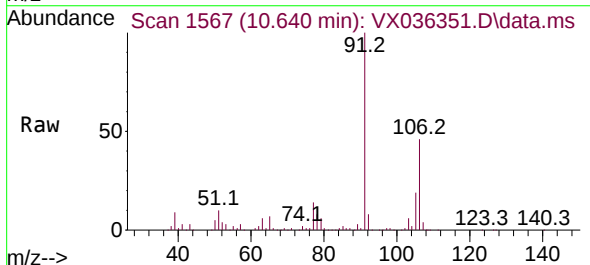
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

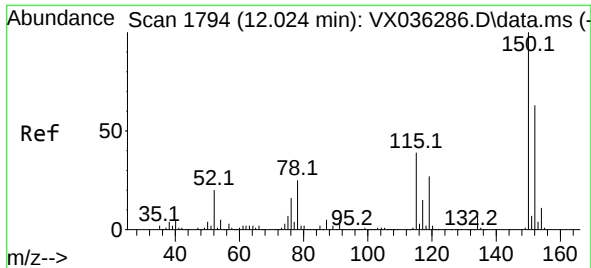
Tgt Ion:106 Resp: 135017
Ion Ratio Lower Upper
106 100
91 203.5 165.5 248.3



#69
o-Xylene
Concen: 10.638 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion:106 Resp: 63356
Ion Ratio Lower Upper
106 100
91 214.8 108.9 326.8

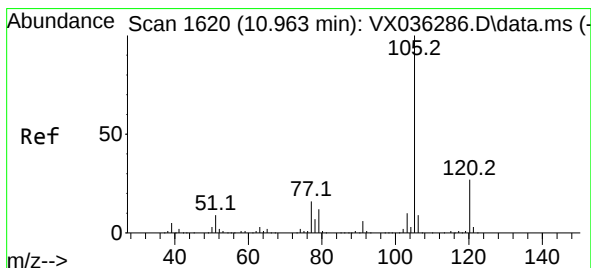
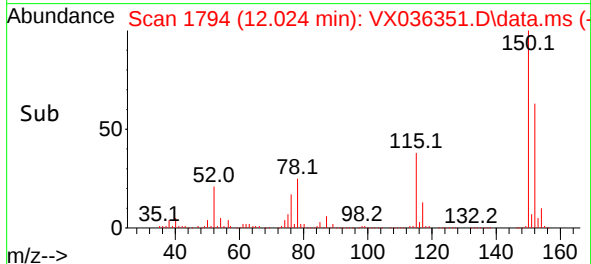
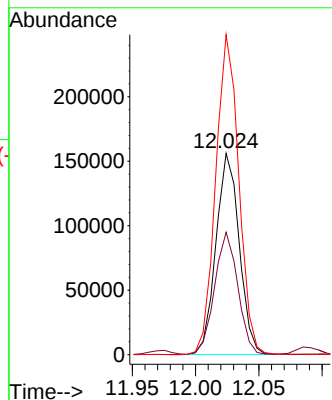
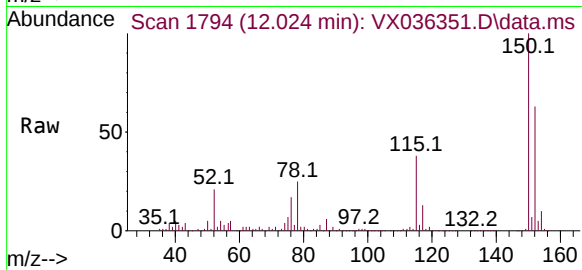




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

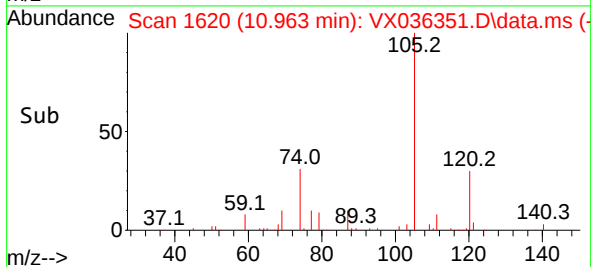
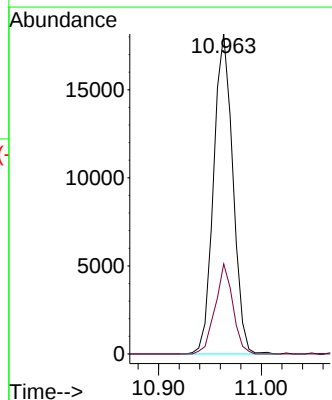
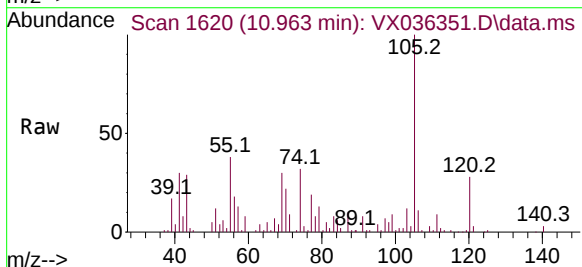
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

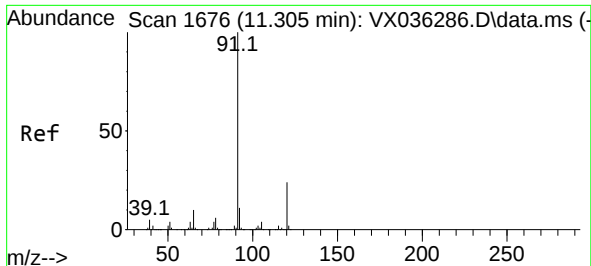
Tgt Ion:152 Resp: 199243
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 157.8 0.0 345.0



#73
Isopropylbenzene
Concen: 1.572 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion:105 Resp: 23604
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

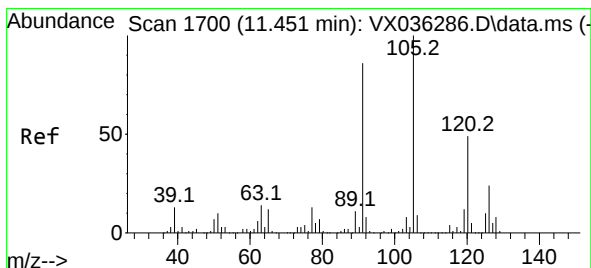
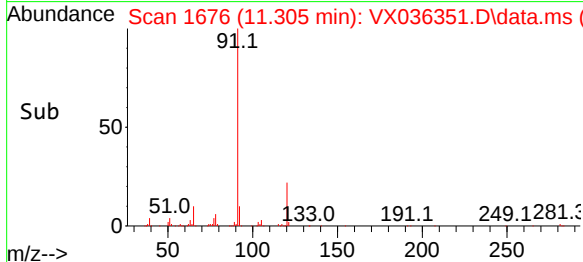
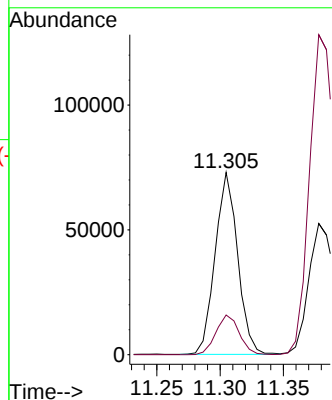
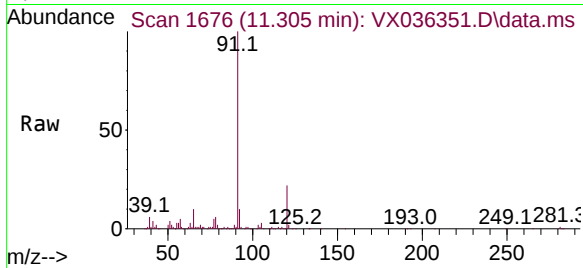




#78
n-propylbenzene
Concen: 5.148 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

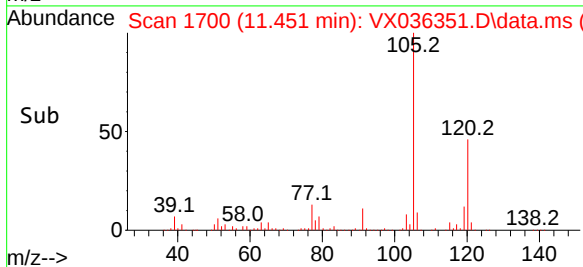
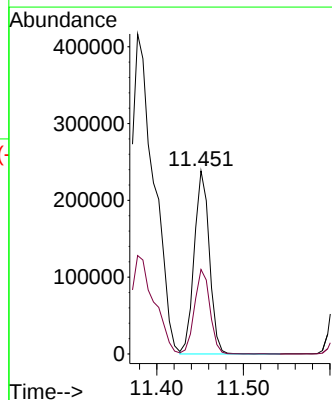
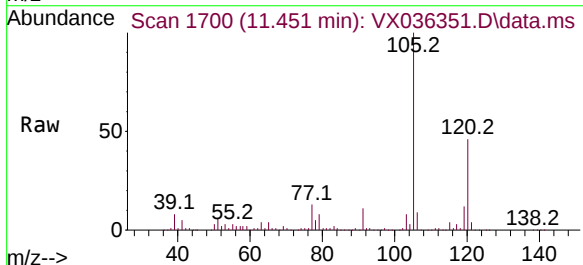
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

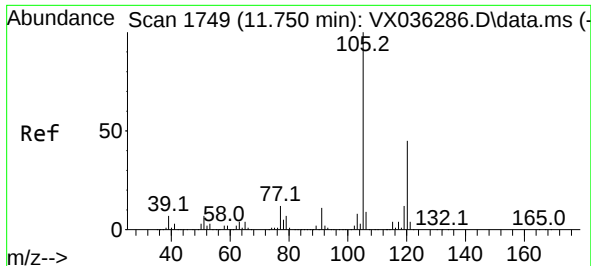
Tgt Ion: 91 Resp: 90280
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 22.766 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion: 105 Resp: 289490
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3

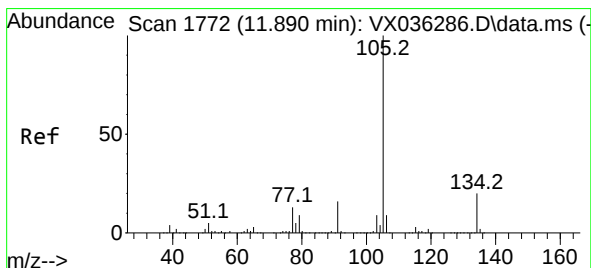
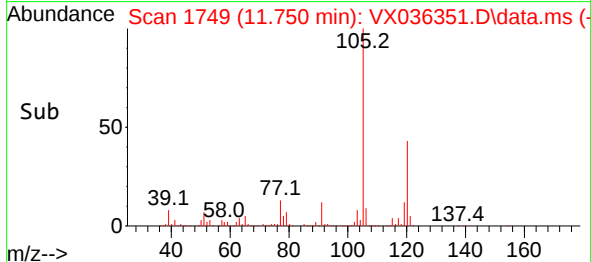
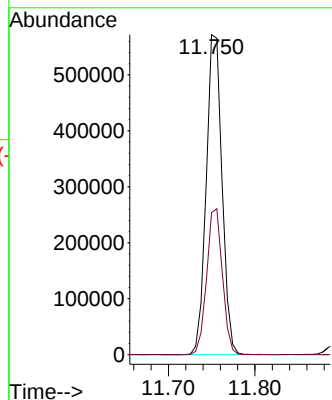
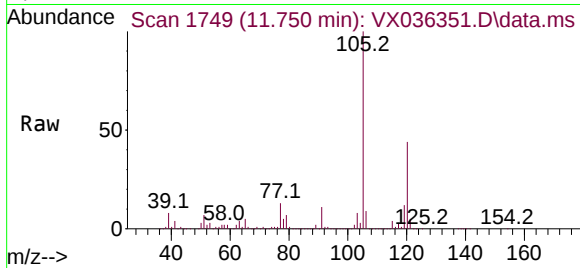




#84
1,2,4-Trimethylbenzene
Concen: 57.660 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

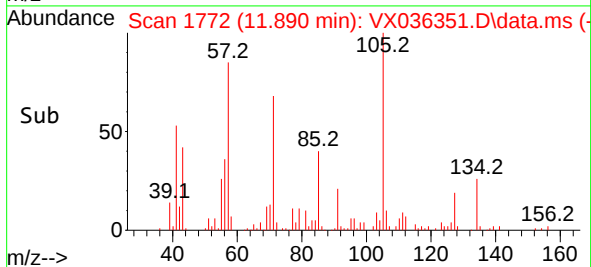
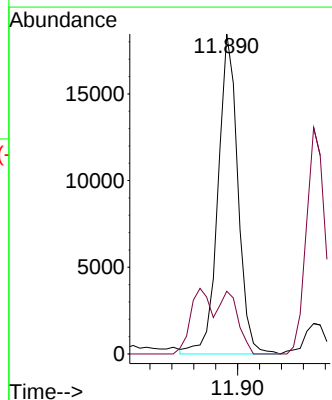
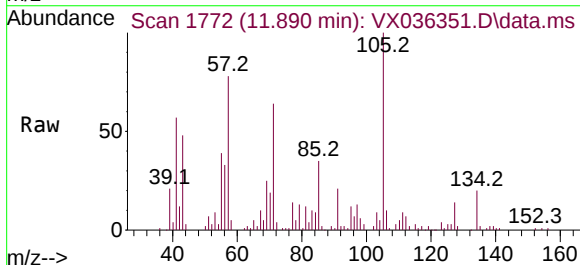
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

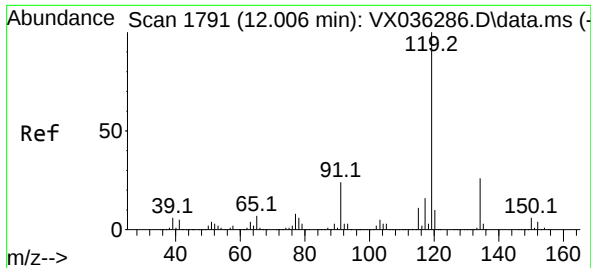
Tgt Ion:105 Resp: 725378
Ion Ratio Lower Upper
105 100
120 45.4 21.2 63.6



#85
sec-Butylbenzene
Concen: 1.504 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion:105 Resp: 23222
Ion Ratio Lower Upper
105 100
134 18.7 9.8 29.4

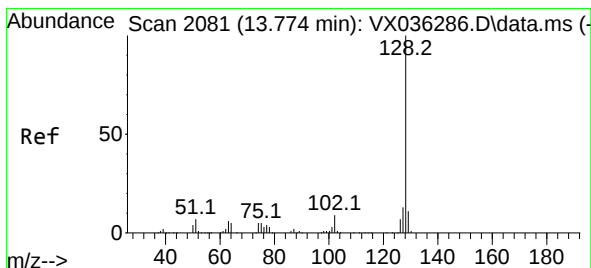
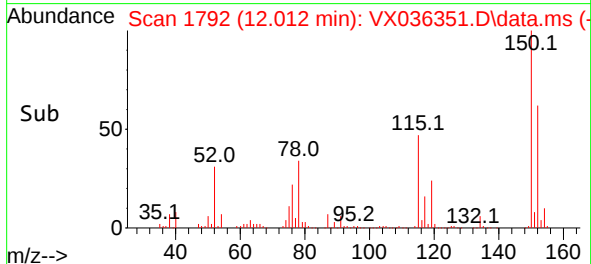
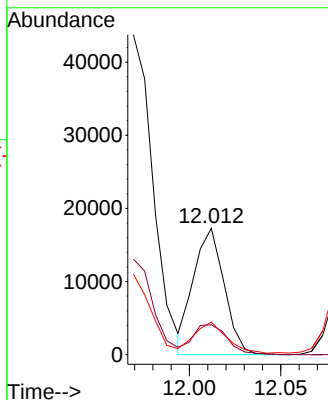
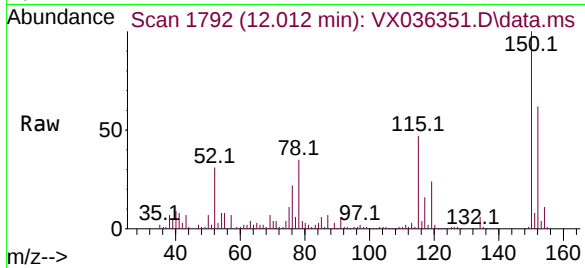




#86
p-Isopropyltoluene
Concen: 1.561 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5ME

Tgt Ion:119 Resp: 20223
Ion Ratio Lower Upper
119 100
134 26.8 12.8 38.3
91 25.7 13.1 39.3



#95
Naphthalene
Concen: 8.261 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036351.D
Acq: 27 Jun 2023 15:13

Tgt Ion:128 Resp: 112364
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.4 8.8 13.2

