

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026273.D
 Acq On : 04 Jan 2022 15:51
 Operator : JC/MD
 Sample : M5328-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20995

Quant Time: Jan 05 06:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

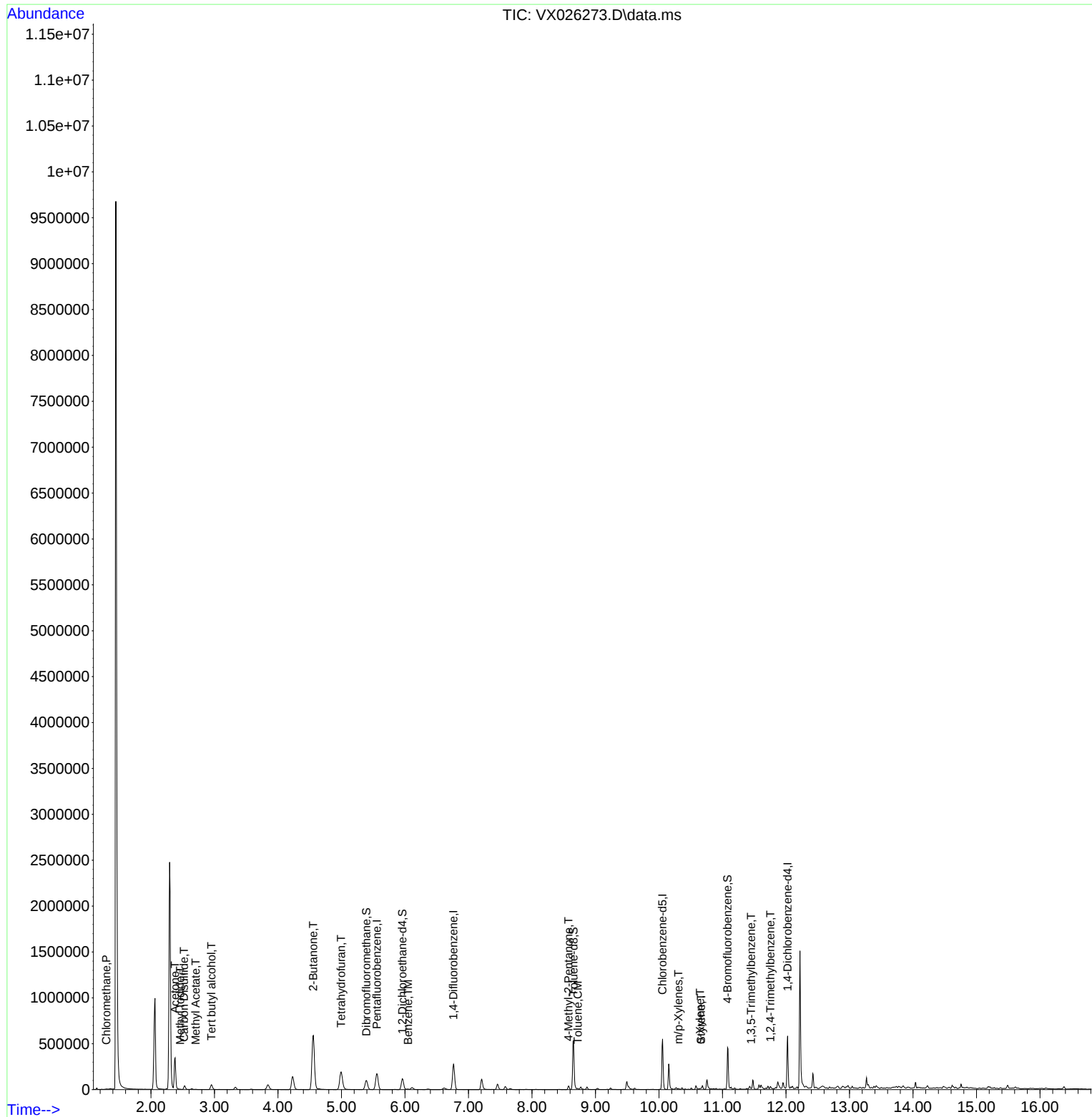
Internal Standards						
1) Pentafluorobenzene	5.556	168	157167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117808	51.812	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	103.620%	
35) Dibromofluoromethane	5.391	113	87004	49.198	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.400%	
50) Toluene-d8	8.653	98	317670	48.293	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.580%	
62) 4-Bromofluorobenzene	11.079	95	121319	51.808	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	513	0.267	ug/l	95
10) Methyl Iodide	2.459	142	1394	0.587	ug/l #	93
11) Tert butyl alcohol	2.953	59	62266	137.107	ug/l	96
16) Acetone	2.380	43	361052	293.074	ug/l	97
17) Carbon Disulfide	2.520	76	1855	0.371	ug/l	99
18) Methyl Acetate	2.703	43	3544	0.887	ug/l	98
25) 2-Butanone	4.556	43	1050581	612.191	ug/l	99
29) Tetrahydrofuran	4.995	42	9681	8.950	ug/l #	48
40) Benzene	6.050	78	6751	0.829	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	23949	7.140	ug/l	98
52) Toluene	8.720	92	2342	0.467	ug/l	99
68) m/p-Xylenes	10.305	106	1539	0.445	ug/l	93
69) o-Xylene	10.647	106	816	0.241	ug/l	84
70) Styrene	10.659	104	3536m	0.637	ug/l	
80) 1,3,5-Trimethylbenzene	11.451	105	1665	0.233	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	9379	1.311	ug/l	72

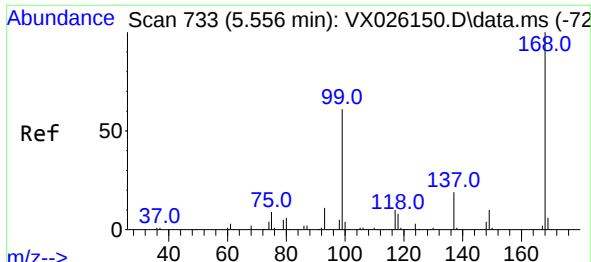
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20995

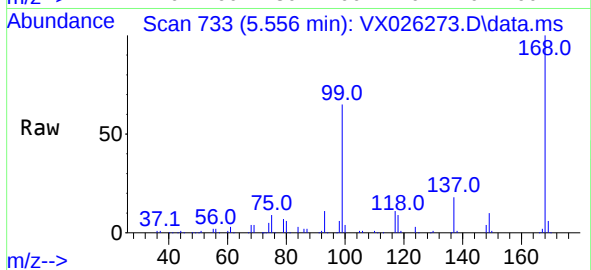
Quant Time: Jan 05 06:10:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



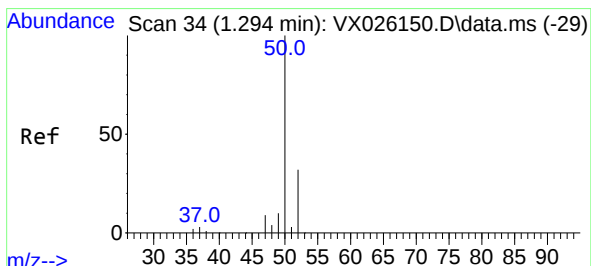
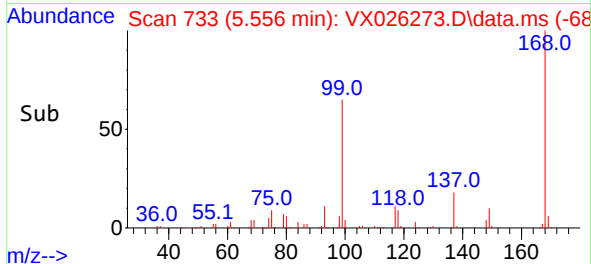
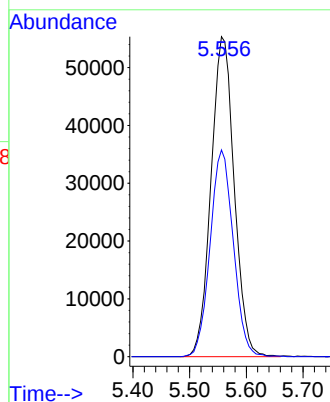


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Instrument :
MSVOA_X
ClientSampleId :
20995

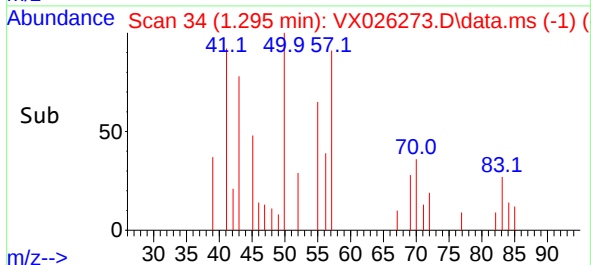
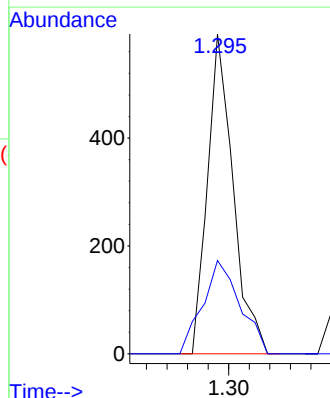
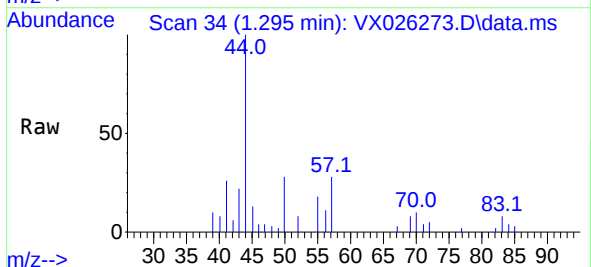


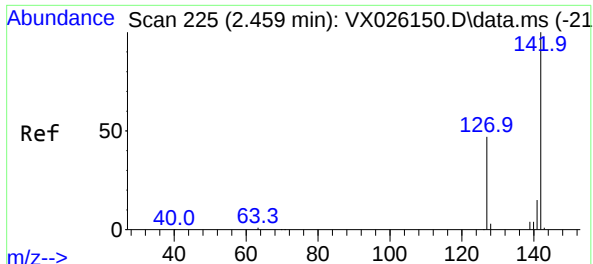
Tgt Ion:168 Resp: 157167
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.8



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 29.2 25.4 38.0

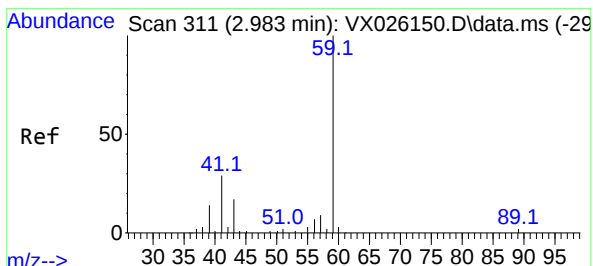
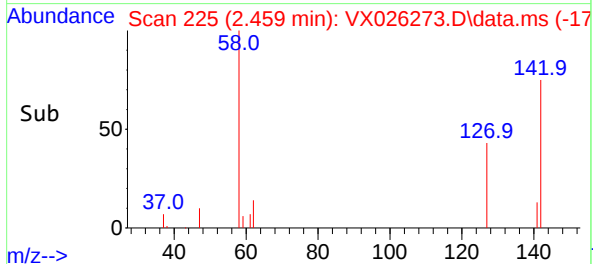
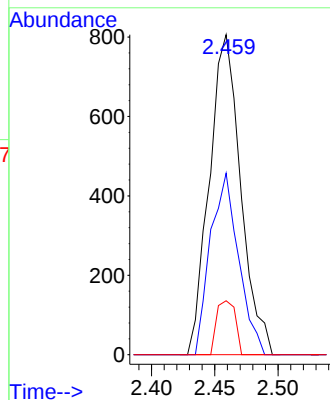
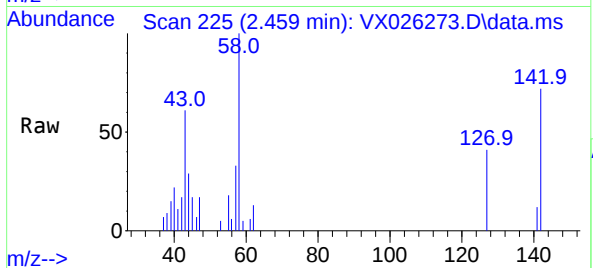




#10
Methyl Iodide
Concen: 0.587 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

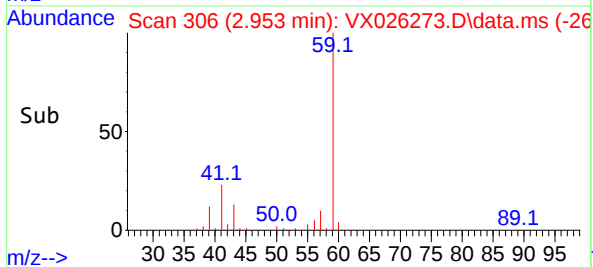
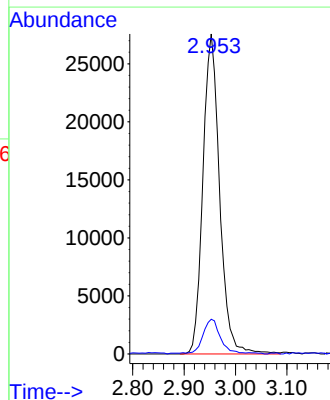
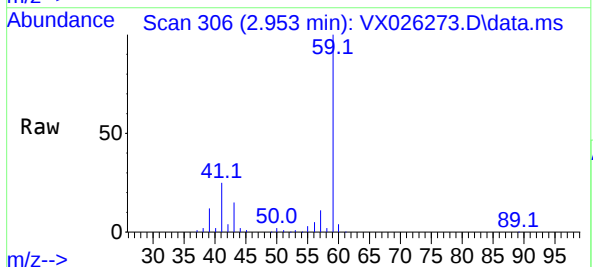
Instrument :
MSVOA_X
ClientSampleId :
20995

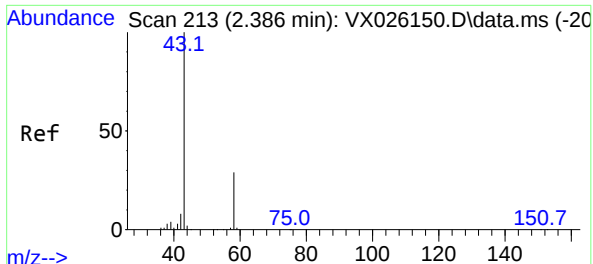
Tgt Ion:142 Resp: 1394
Ion Ratio Lower Upper
142 100
127 50.7 37.5 56.3
141 10.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 137.107 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion: 59 Resp: 62266
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2

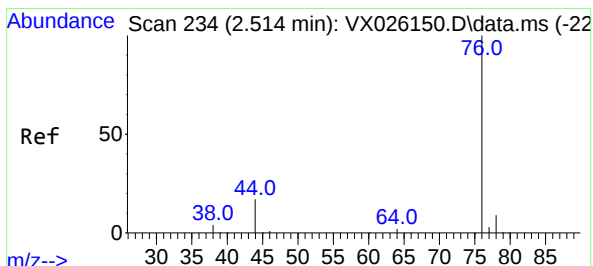
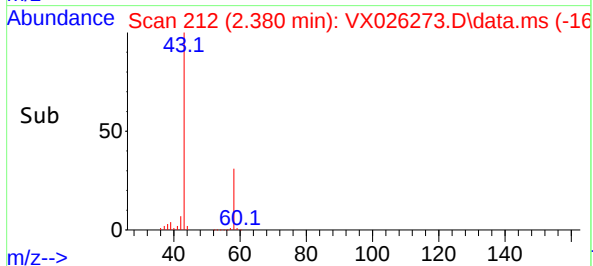
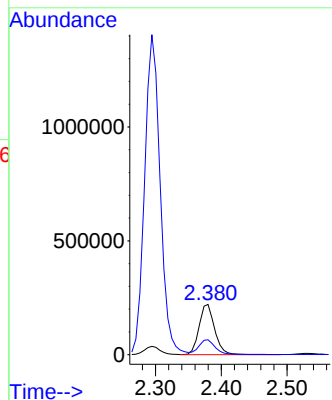
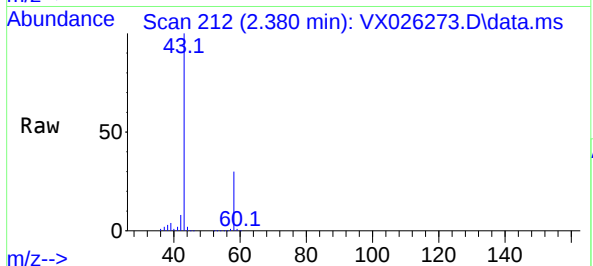




#16
Acetone
Concen: 293.074 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

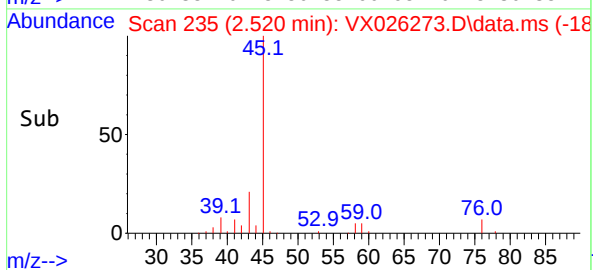
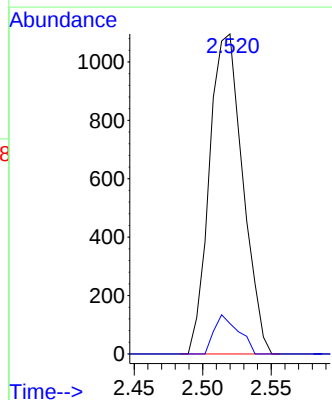
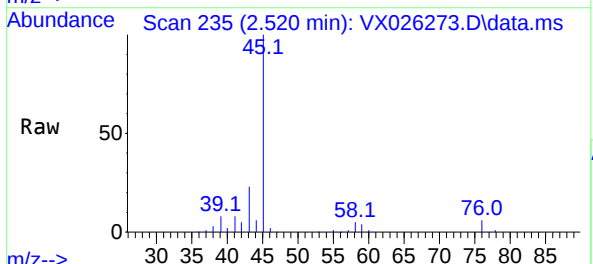
Instrument :
MSVOA_X
ClientSampleId :
20995

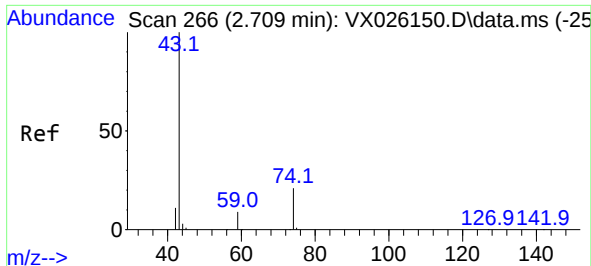
Tgt Ion: 43 Resp: 361052
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion: 76 Resp: 1855
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





#18

Methyl Acetate

Concen: 0.887 ug/l

RT: 2.703 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX026273.D

Acq: 04 Jan 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

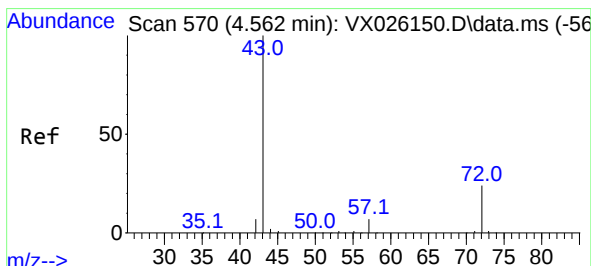
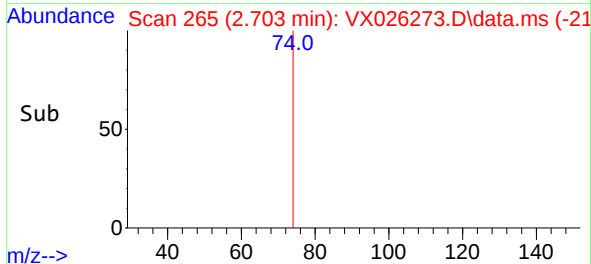
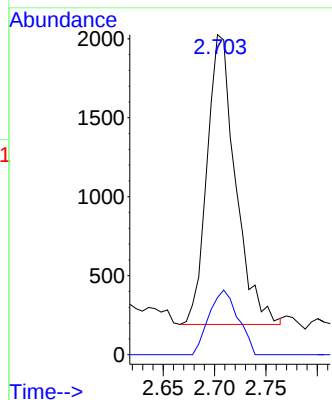
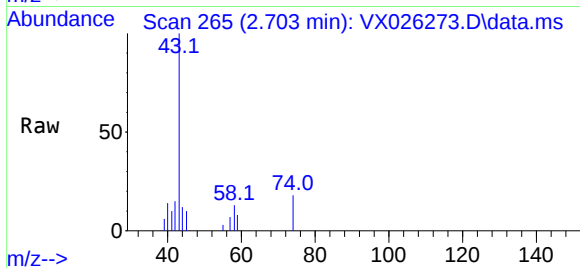
20995

Tgt Ion: 43 Resp: 3544

Ion Ratio Lower Upper

43 100

74 22.7 19.1 28.7



#25

2-Butanone

Concen: 612.191 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX026273.D

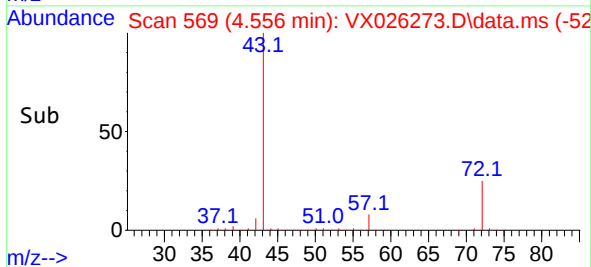
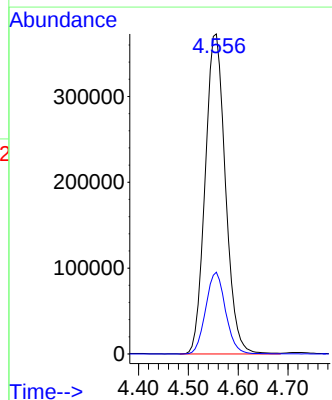
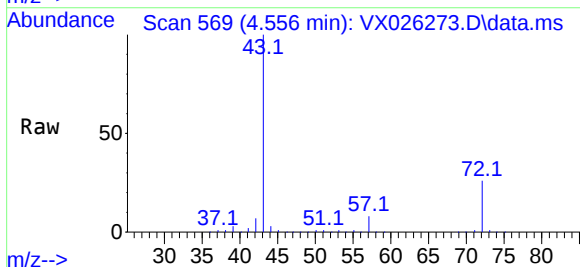
Acq: 04 Jan 2022 15:51

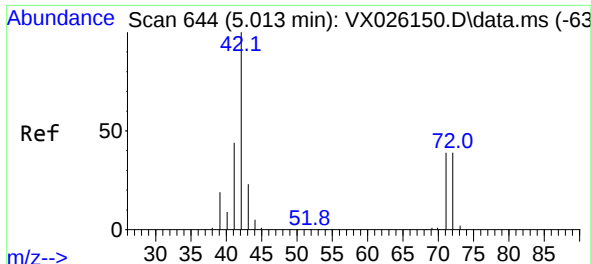
Tgt Ion: 43 Resp: 1050581

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4





#29

Tetrahydrofuran

Concen: 8.950 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX026273.D

Acq: 04 Jan 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

20995

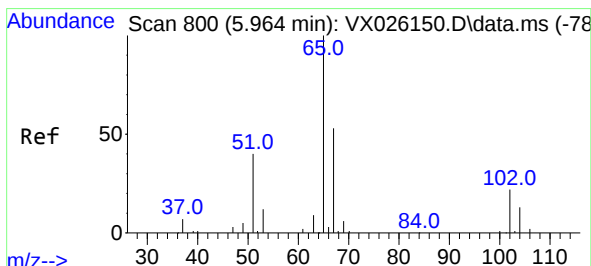
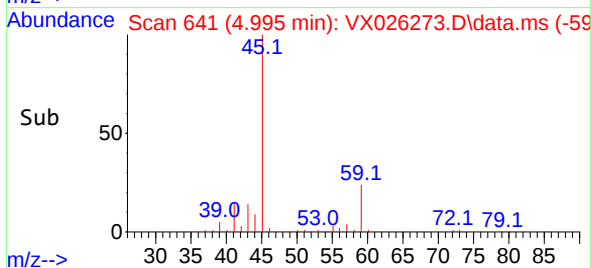
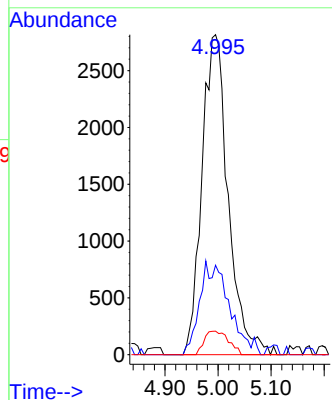
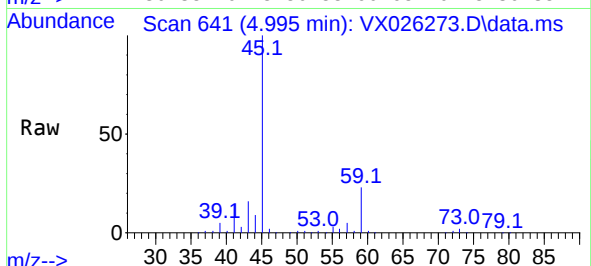
Tgt Ion: 42 Resp: 9681

Ion Ratio Lower Upper

42 100

72 14.6 37.0 55.6#

71 6.8 34.1 51.1#



#33

1,2-Dichloroethane-d4

Concen: 51.812 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026273.D

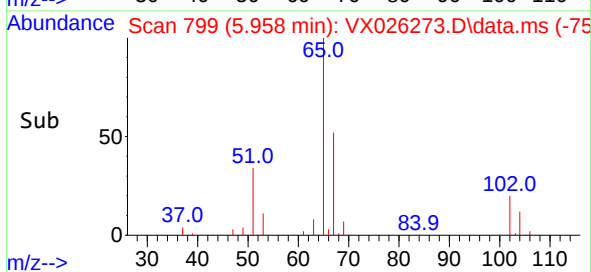
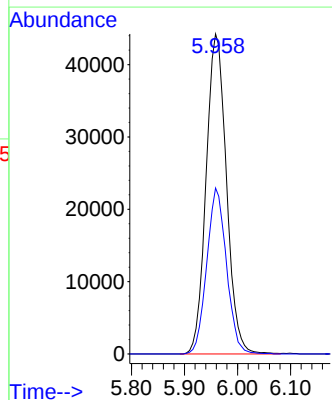
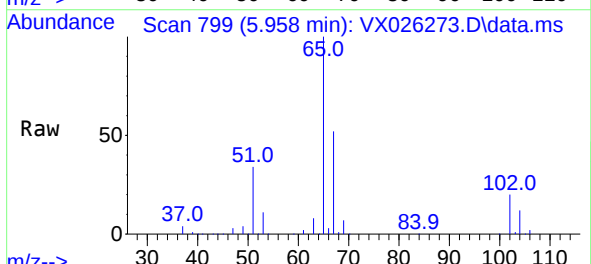
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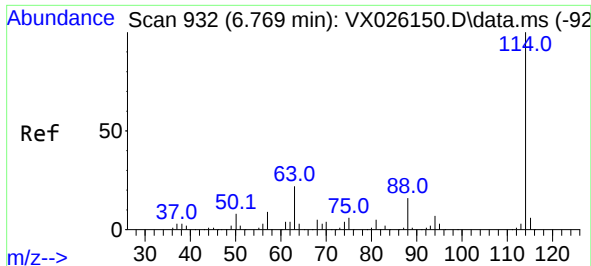
Tgt Ion: 65 Resp: 117808

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.4

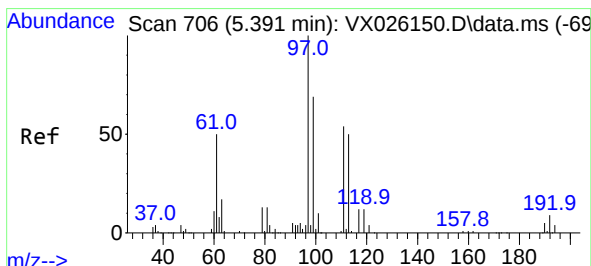
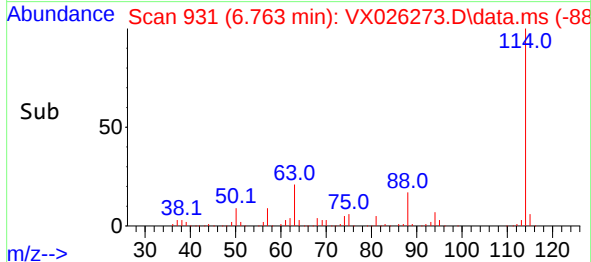
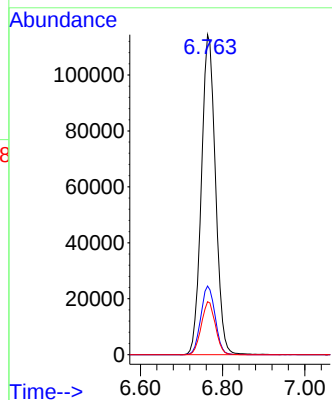
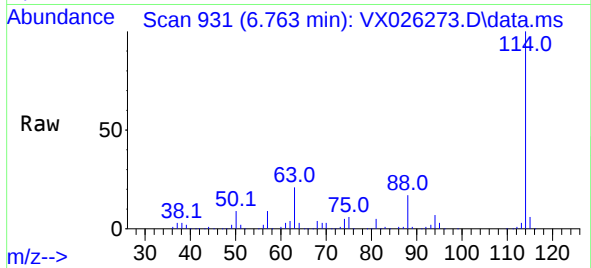




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

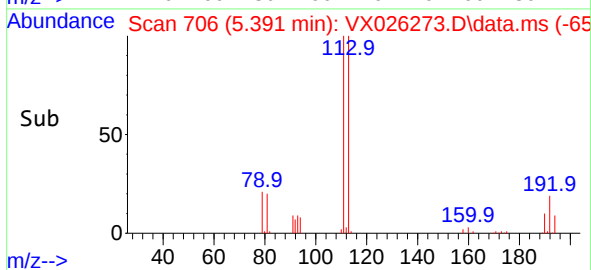
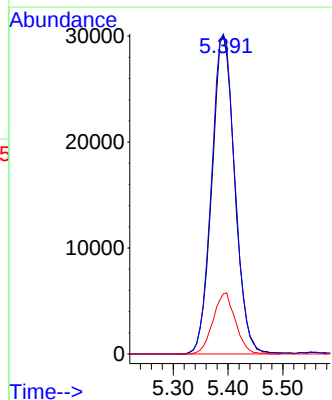
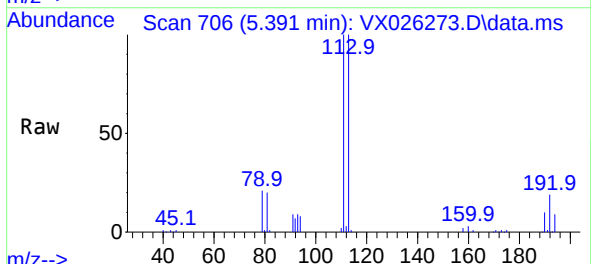
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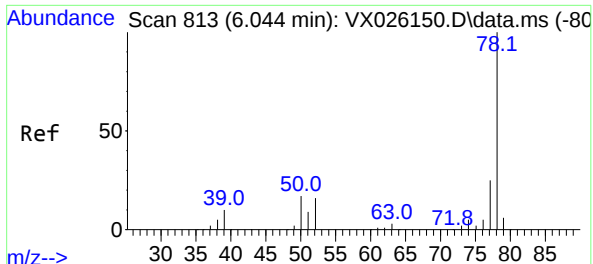
Tgt Ion:114 Resp: 272015
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion:113 Resp: 87004
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 18.8 15.0 22.4

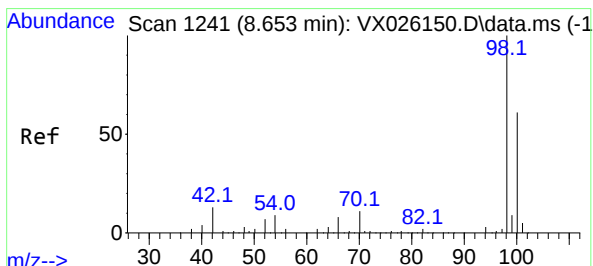
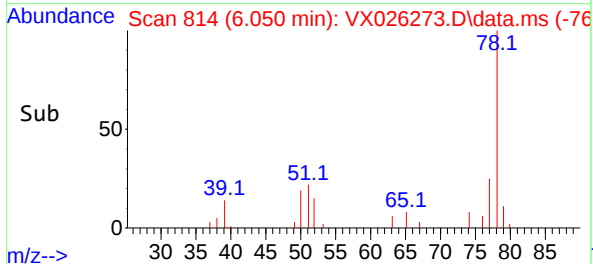
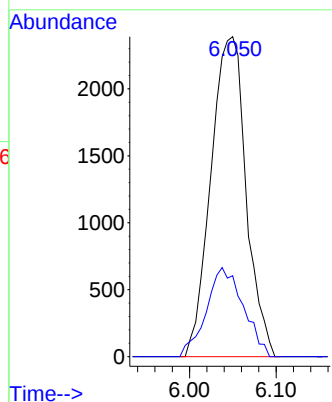
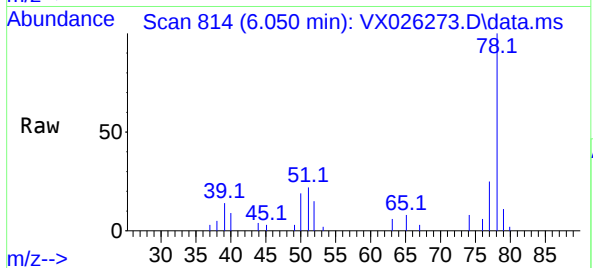




#40
Benzene
Concen: 0.829 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

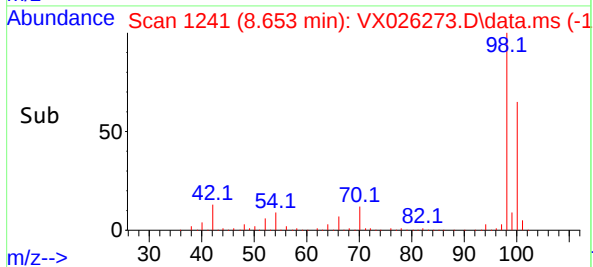
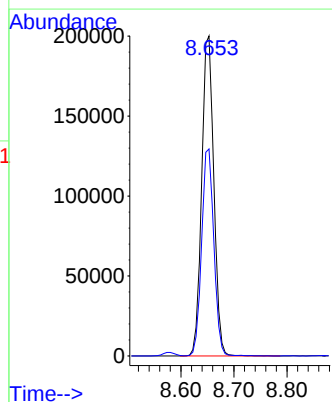
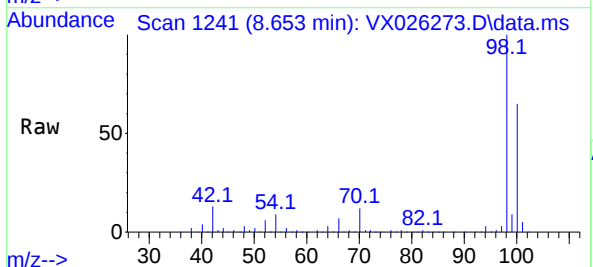
Instrument :
MSVOA_X
ClientSampleId :
20995

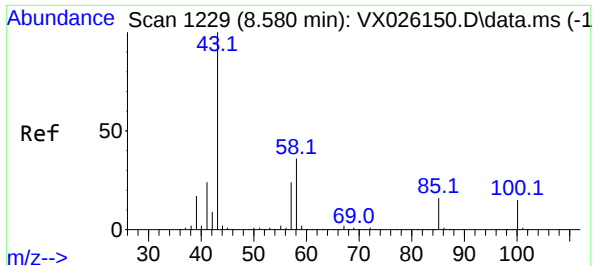
Tgt Ion: 78 Resp: 6751
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion: 98 Resp: 317670
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 7.140 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX026273.D

Acq: 04 Jan 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

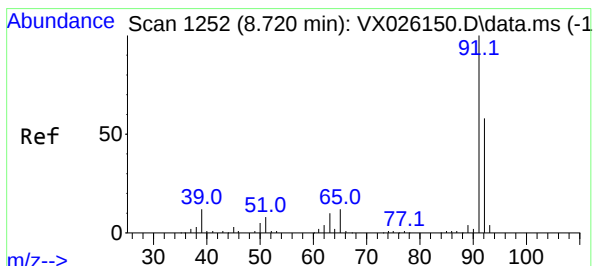
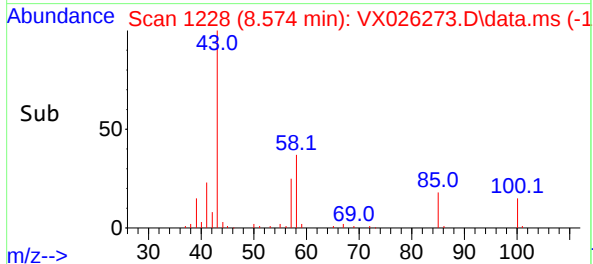
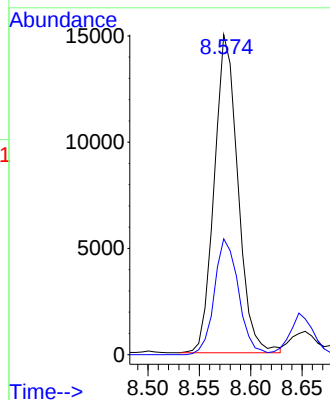
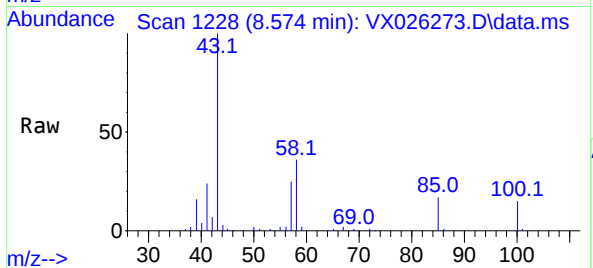
20995

Tgt Ion: 43 Resp: 23949

Ion Ratio Lower Upper

43 100

58 37.2 30.8 46.2



#52

Toluene

Concen: 0.467 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026273.D

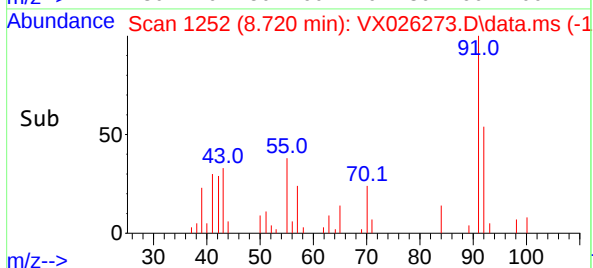
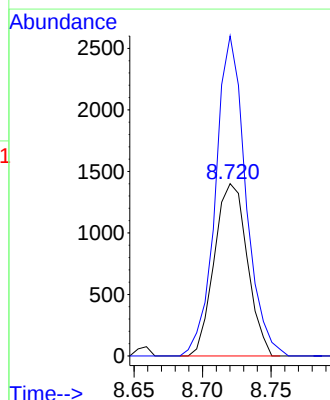
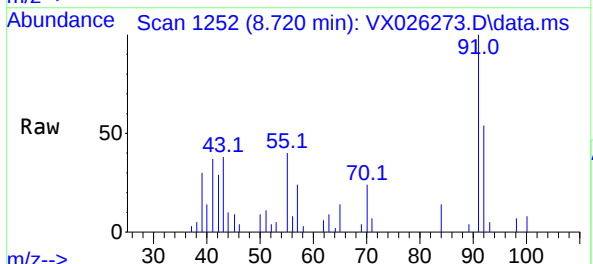
Acq: 04 Jan 2022 15:51

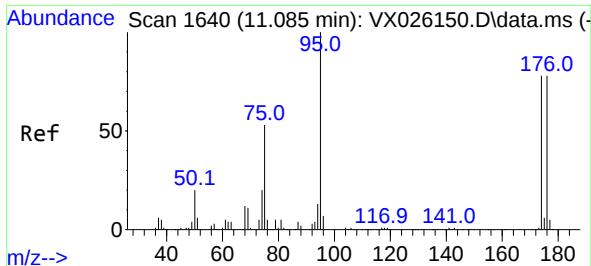
Tgt Ion: 92 Resp: 2342

Ion Ratio Lower Upper

92 100

91 170.8 136.0 204.0

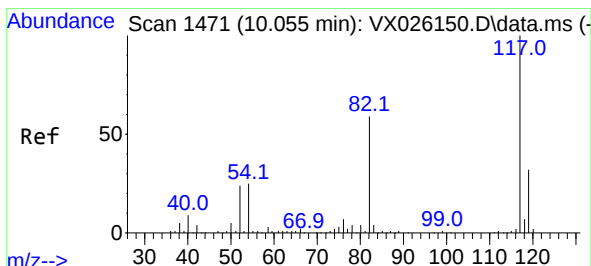
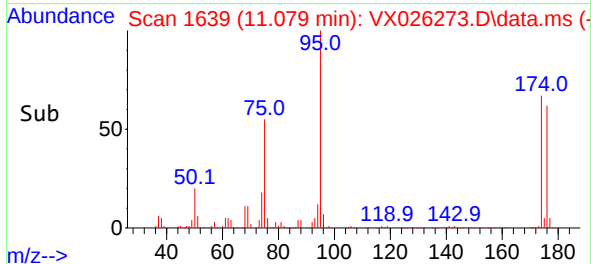
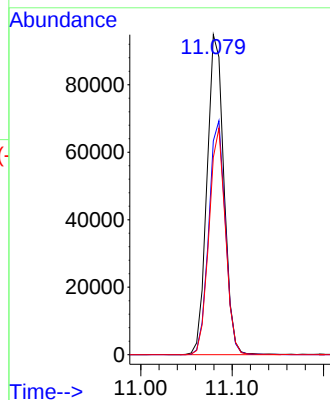
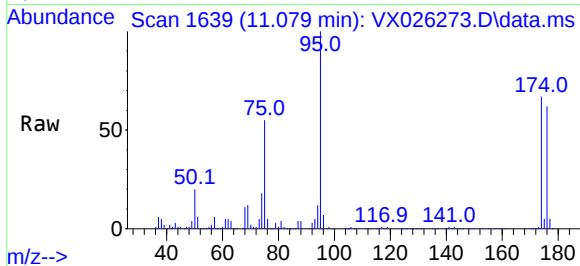




#62
4-Bromofluorobenzene
Concen: 51.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

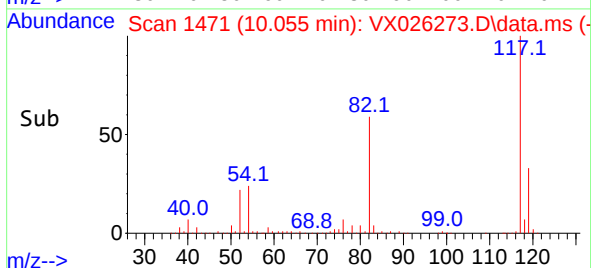
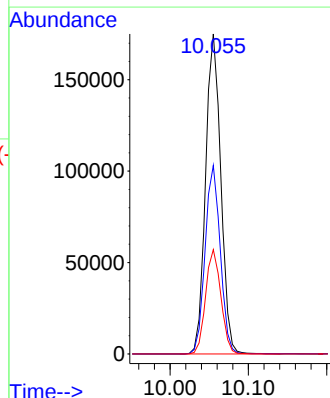
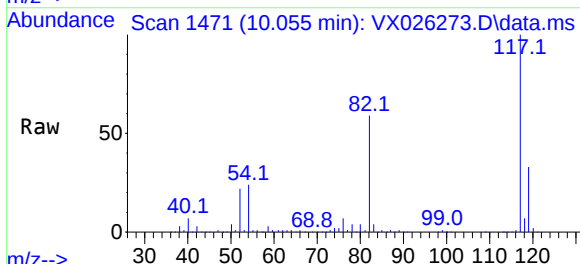
Instrument :
MSVOA_X
ClientSampleId :
20995

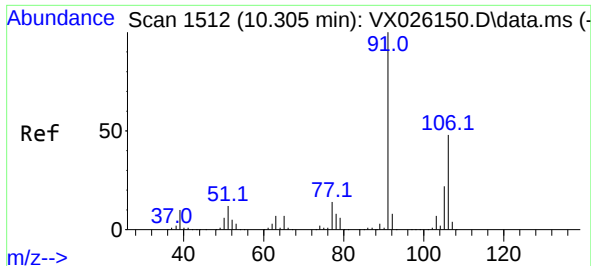
Tgt Ion: 95 Resp: 121319
Ion Ratio Lower Upper
95 100
174 71.9 0.0 157.4
176 68.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion: 117 Resp: 235937
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.6
119 32.6 25.2 37.8

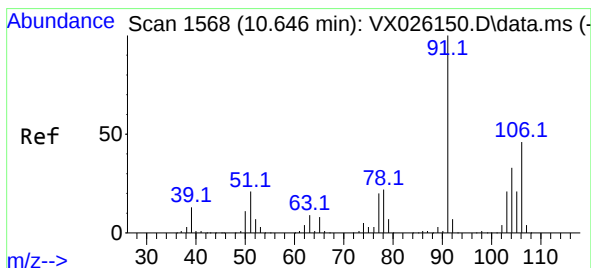
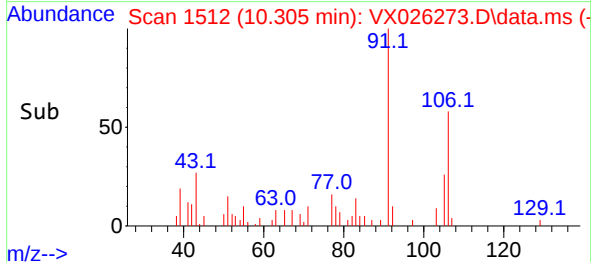
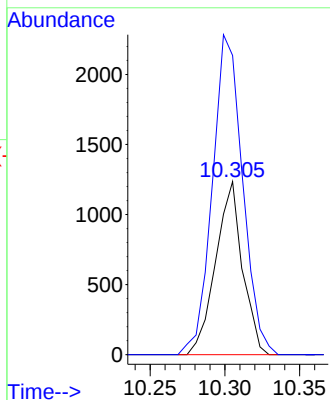
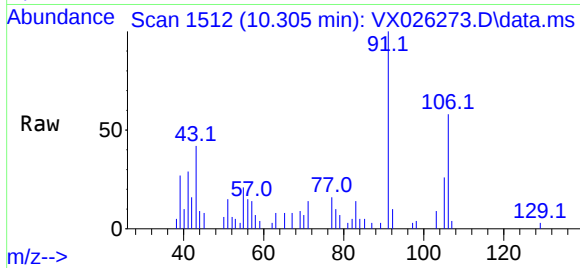




#68
m/p-Xylenes
Concen: 0.445 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

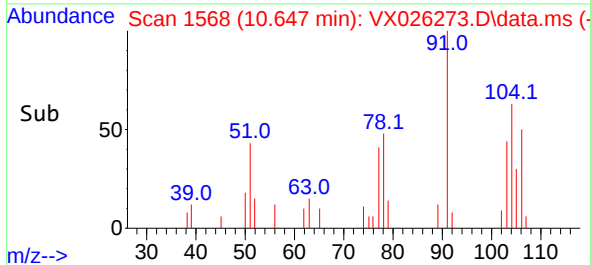
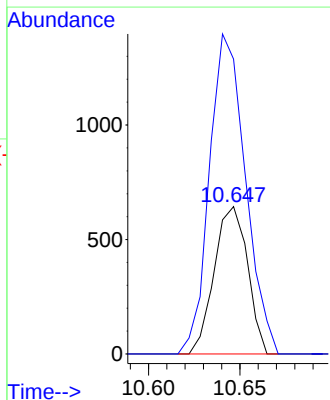
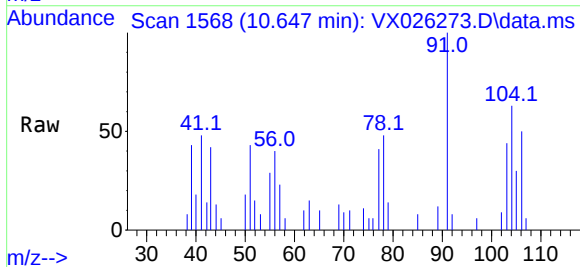
Instrument :
MSVOA_X
ClientSampleId :
20995

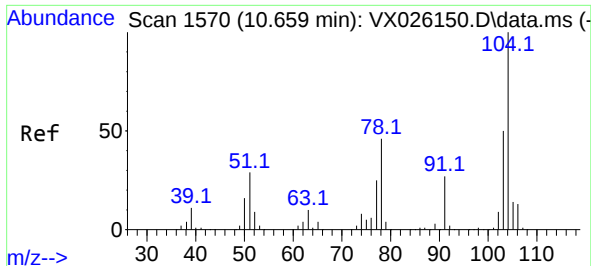
Tgt Ion:106 Resp: 1539
Ion Ratio Lower Upper
106 100
91 208.6 158.6 238.0



#69
o-Xylene
Concen: 0.241 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion:106 Resp: 816
Ion Ratio Lower Upper
106 100
91 235.2 105.5 316.4

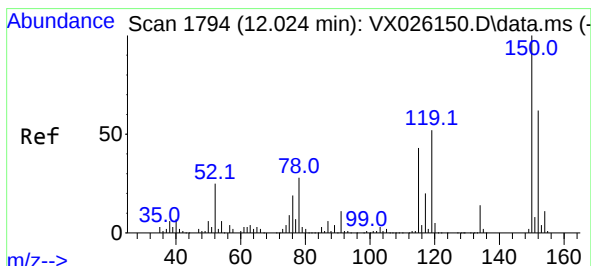
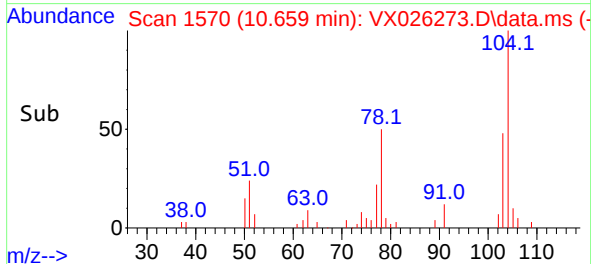
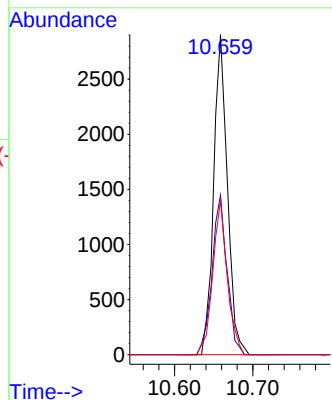
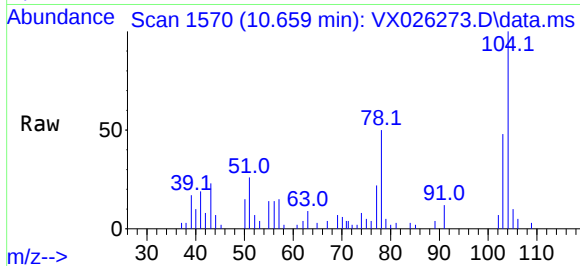




#70
Styrene
Concen: 0.637 ug/l m
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

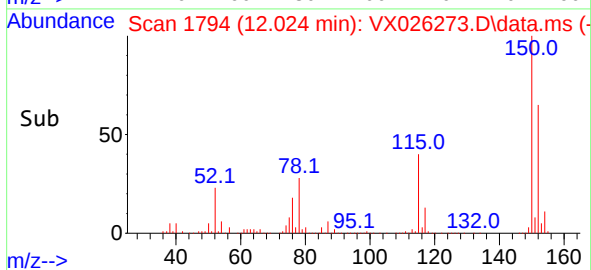
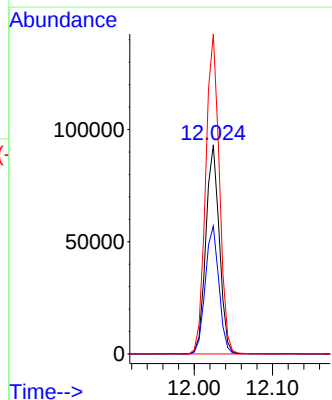
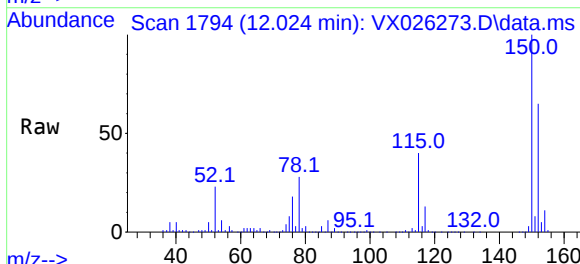
Instrument :
MSVOA_X
ClientSampleId :
20995

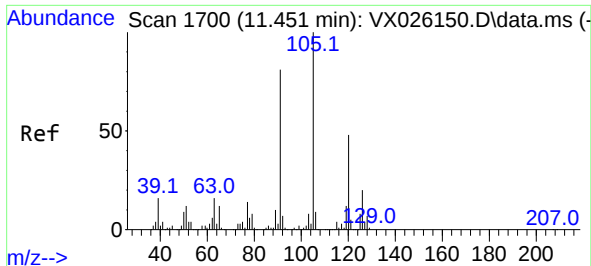
Tgt Ion:104 Resp: 3536
Ion Ratio Lower Upper
104 100
78 0.0 39.8 59.6#
103 0.0 43.0 64.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion:152 Resp: 111002
Ion Ratio Lower Upper
152 100
115 61.8 41.3 123.9
150 155.7 0.0 351.8

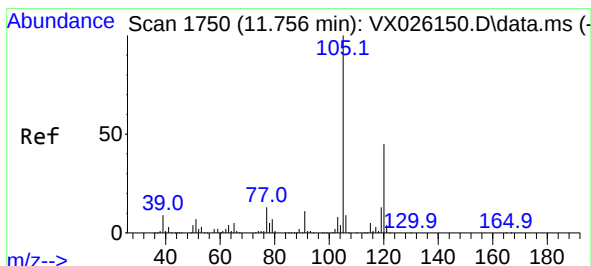
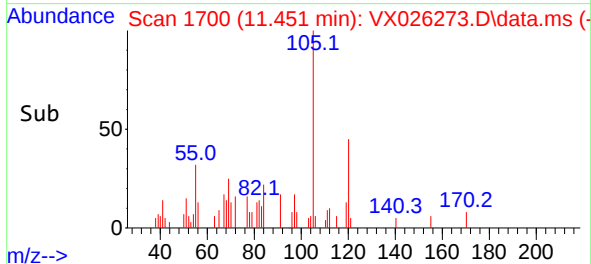
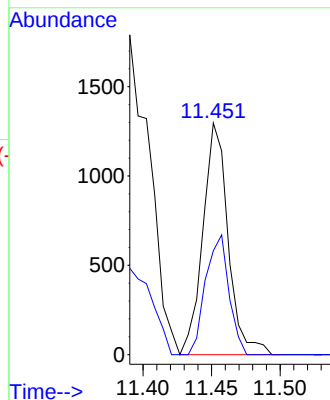
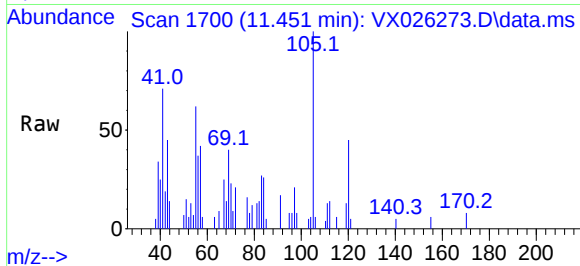




#80
1,3,5-Trimethylbenzene
Concen: 0.233 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Instrument :
MSVOA_X
ClientSampleId :
20995

Tgt Ion:105 Resp: 1665
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.311 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026273.D
Acq: 04 Jan 2022 15:51

Tgt Ion:105 Resp: 9379
Ion Ratio Lower Upper
105 100
120 27.4 22.9 68.7

