

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026255.D
 Acq On : 04 Jan 2022 05:29
 Operator : JC/MD
 Sample : M5336-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40563

Quant Time: Jan 04 17:29:19 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	5.562	168	251719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.042	152	183267	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	180624	49.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.397	113	126242	45.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.653	98	506382	48.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.085	95	201067	54.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.560%

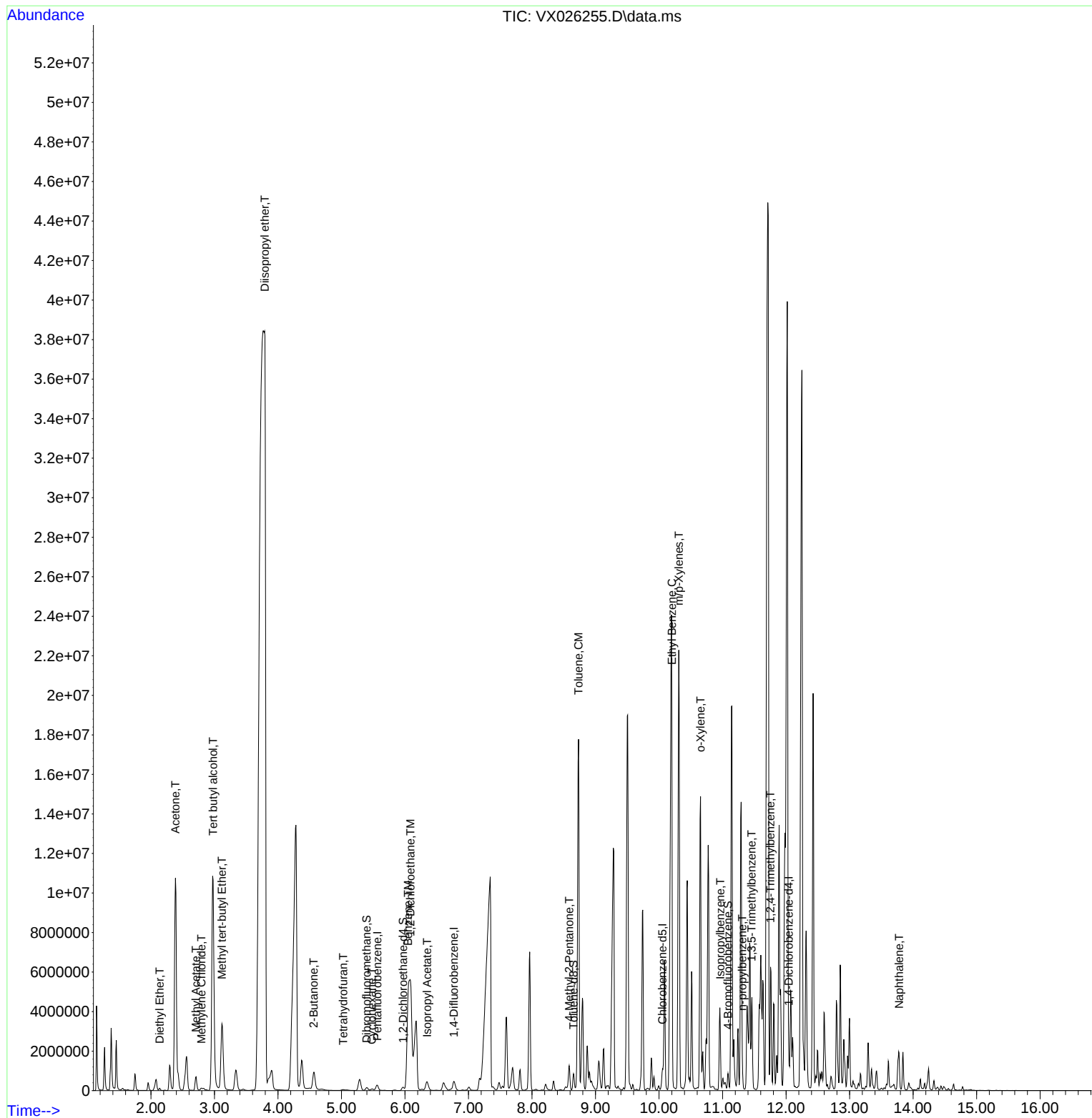
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	38601	20.141	ug/l	87
11) Tert butyl alcohol	2.977	59	2534778	3484.933	ug/l #	85
16) Acetone	2.386	43	13180065	6679.909	ug/l #	85
18) Methyl Acetate	2.709	43	895161	139.869	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	3962251	406.968	ug/l	95
20) Methylene Chloride	2.794	84	39476	11.790	ug/l	89
22) Diisopropyl ether	3.794	45	4088526	388.877	ug/l #	1
25) 2-Butanone	4.562	43	1487213	541.098	ug/l	99
29) Tetrahydrofuran	5.025	42	27803	16.049	ug/l #	87
31) Cyclohexane	5.477	56	56395	10.874	ug/l	92
40) Benzene	6.050	78	5871829	455.953	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129334	24.815	ug/l #	74
43) Isopropyl Acetate	6.348	43	203676	23.886	ug/l #	72
51) 4-Methyl-2-Pentanone	8.586	43	846583	159.540	ug/l	94
52) Toluene	8.732	92	7298115	920.538	ug/l	85
67) Ethyl Benzene	10.201	91	2767089	187.386	ug/l	100
68) m/p-Xylenes	10.311	106	5751333	1043.117	ug/l	86
69) o-Xylene	10.653	106	3245816	601.667	ug/l	94
73) Isopropylbenzene	10.963	105	304561	21.380	ug/l	98
78) n-propylbenzene	11.311	91	642351	39.218	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	766618	64.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2724233	230.626	ug/l	98
95) Naphthalene	13.780	128	1024931	72.361	ug/l	100

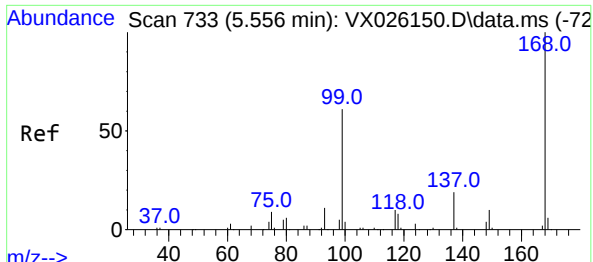
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

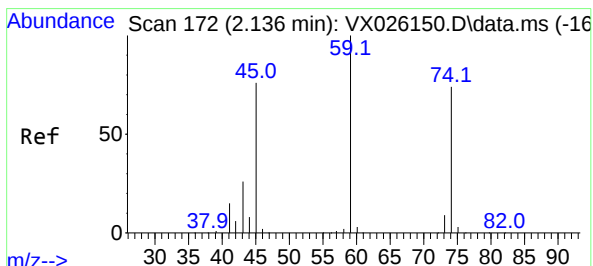
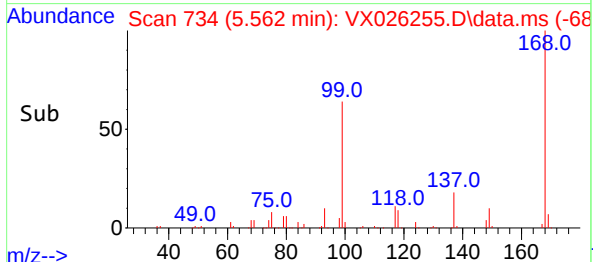
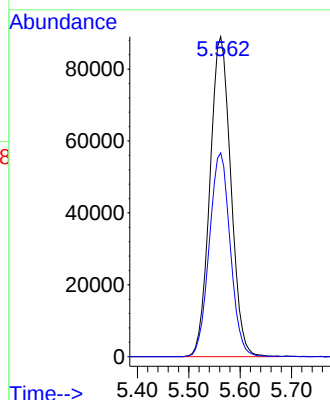
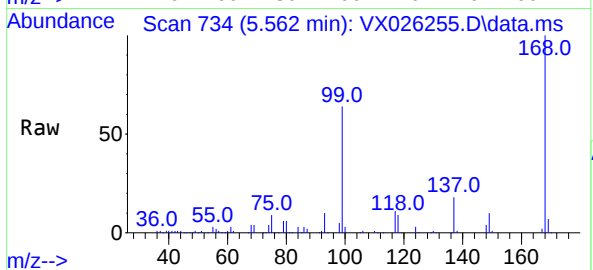




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

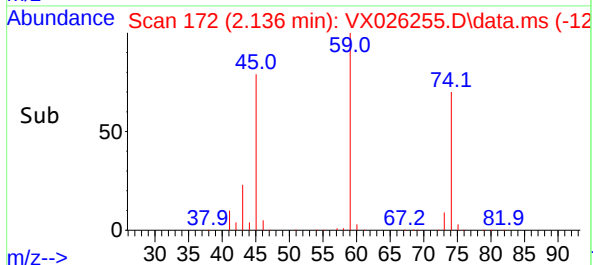
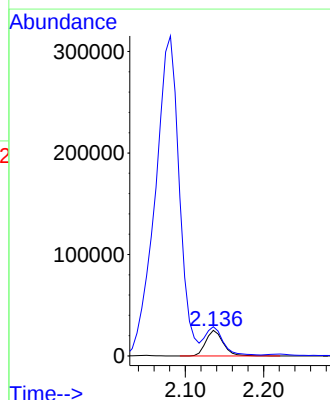
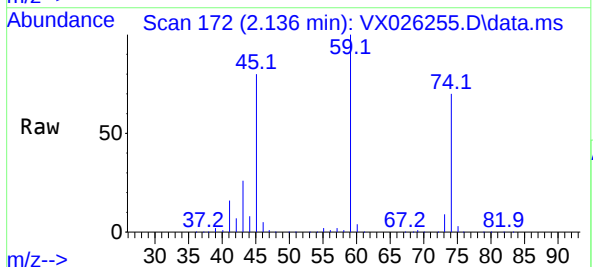
Instrument :
MSVOA_X
ClientSampleId :
40563

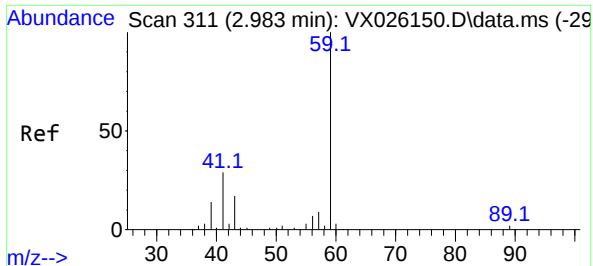
Tgt Ion:168 Resp: 251719
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.8



#8
Diethyl Ether
Concen: 20.141 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 74 Resp: 38601
Ion Ratio Lower Upper
74 100
45 114.0 50.4 151.2





#11

Tert butyl alcohol

Concen: 3484.933 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX026255.D

Acq: 04 Jan 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

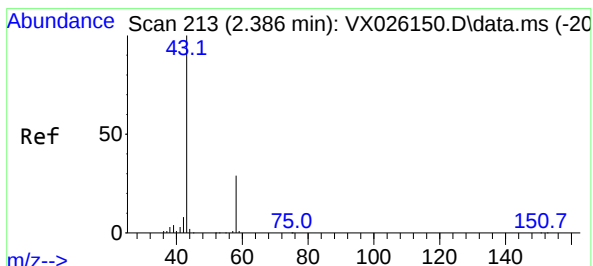
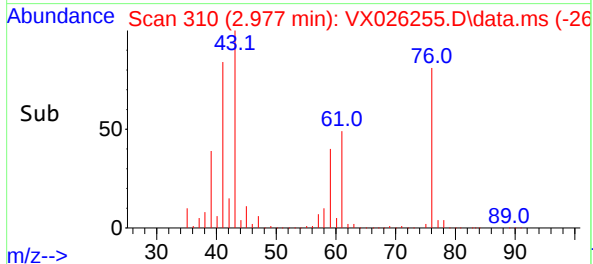
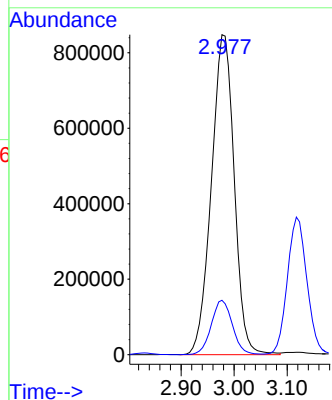
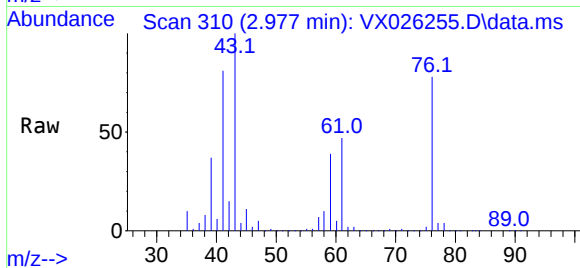
40563

Tgt Ion: 59 Resp: 2534778

Ion Ratio Lower Upper

59 100

57 15.8 8.2 12.2#



#16

Acetone

Concen: 6679.909 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026255.D

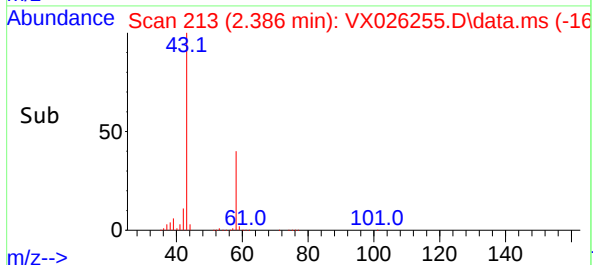
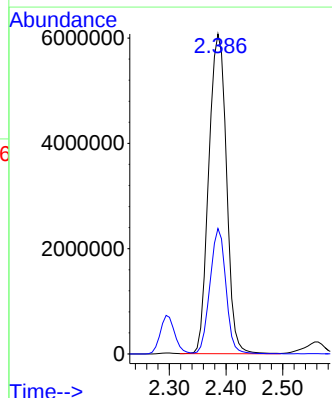
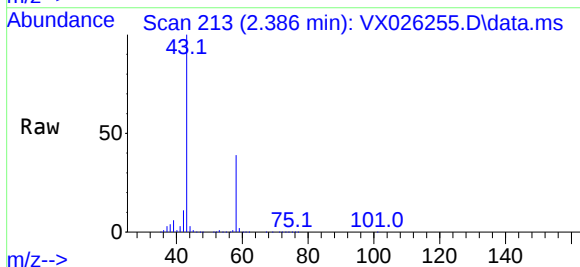
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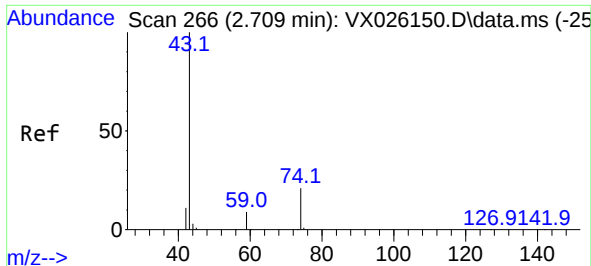
Tgt Ion: 43 Resp:13180065

Ion Ratio Lower Upper

43 100

58 39.2 24.8 37.2#

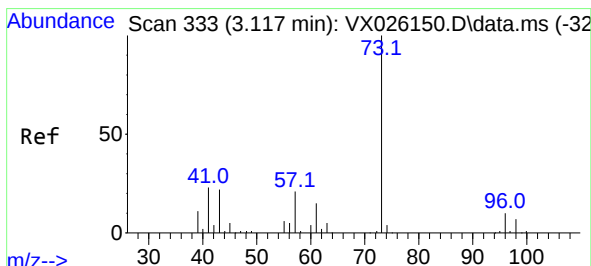
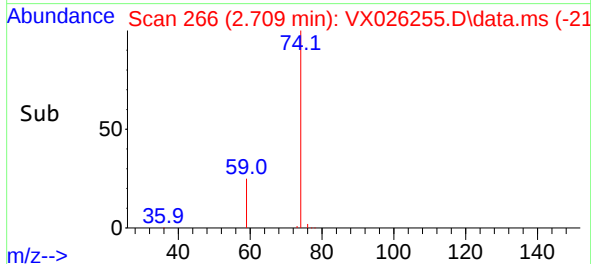
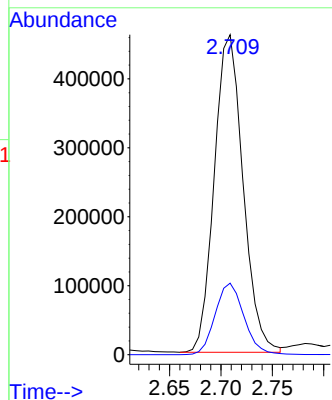
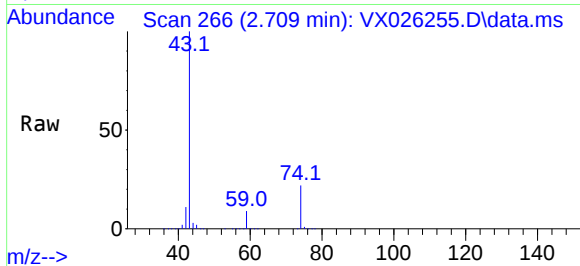




#18
Methyl Acetate
Concen: 139.869 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

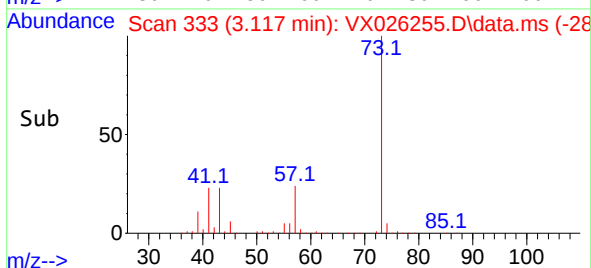
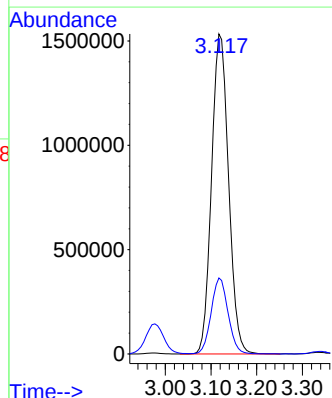
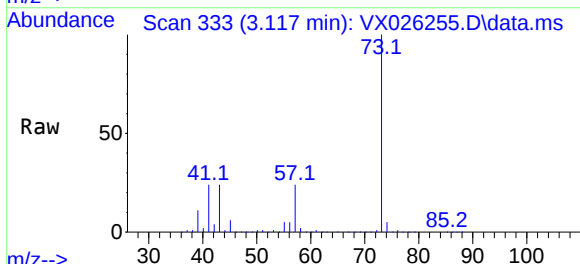
Instrument :
MSVOA_X
ClientSampleId :
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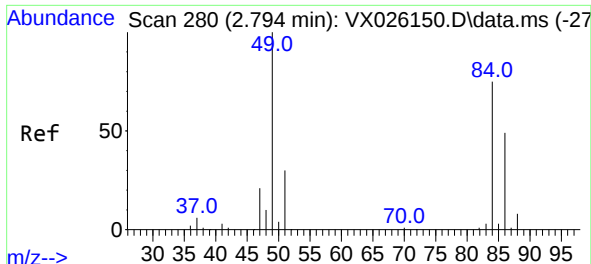
Tgt Ion: 43 Resp: 895161
Ion Ratio Lower Upper
43 100
74 22.6 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 406.968 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 73 Resp: 3962251
Ion Ratio Lower Upper
73 100
57 23.7 17.0 25.6

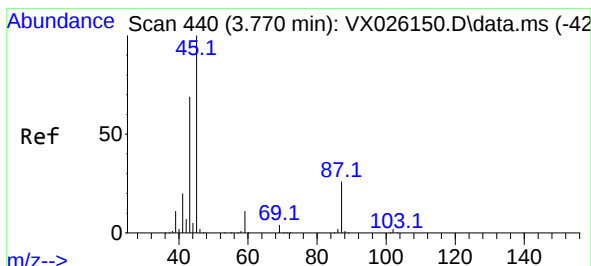
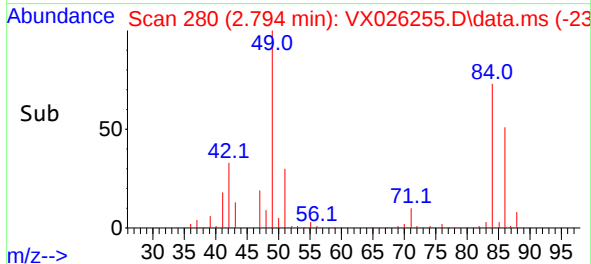
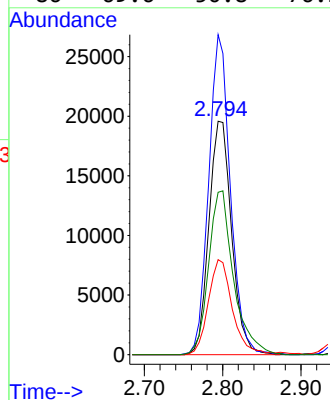
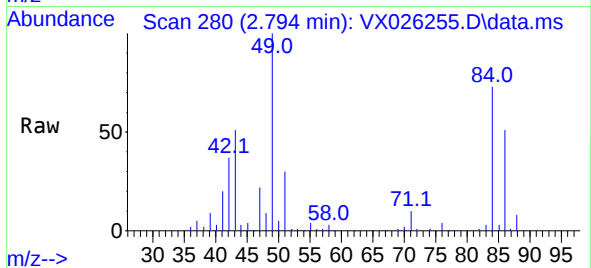




#20
Methylene Chloride
Concen: 11.790 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

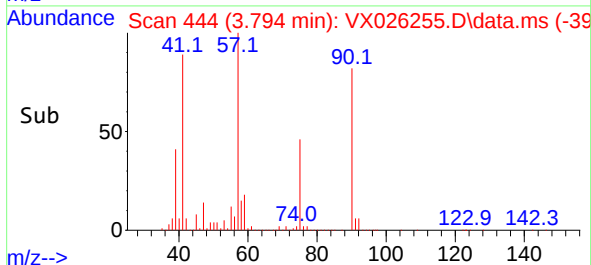
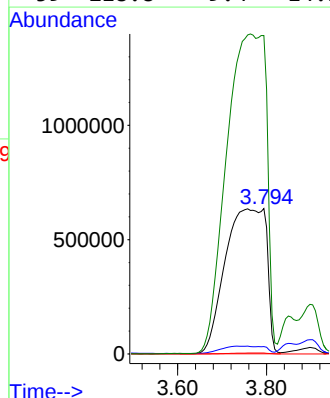
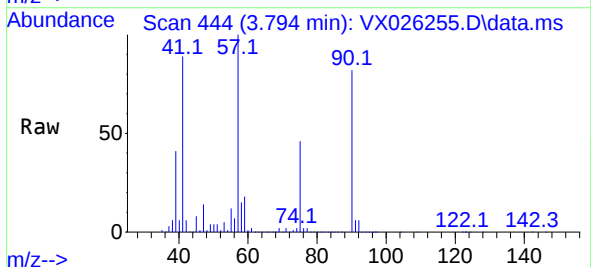
Instrument :
MSVOA_X
ClientSampleId :
40563

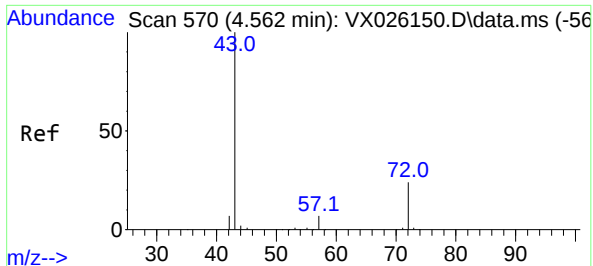
Tgt Ion: 84	Resp: 39476
Ion Ratio	Lower Upper
84 100	
49 137.1	97.1 145.7
51 40.7	29.3 43.9
86 69.6	50.8 76.2



#22
Diisopropyl ether
Concen: 388.877 ug/l
RT: 3.794 min Scan# 444
Delta R.T. 0.024 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 45	Resp: 4088526
Ion Ratio	Lower Upper
45 100	
43 4.8	63.8 95.6#
87 0.6	24.2 36.4#
59 218.8	9.4 14.2#





#25

2-Butanone

Concen: 541.098 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX026255.D

Acq: 04 Jan 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

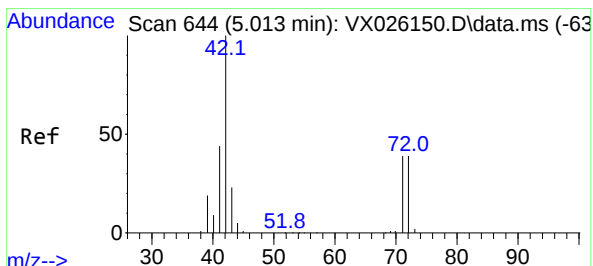
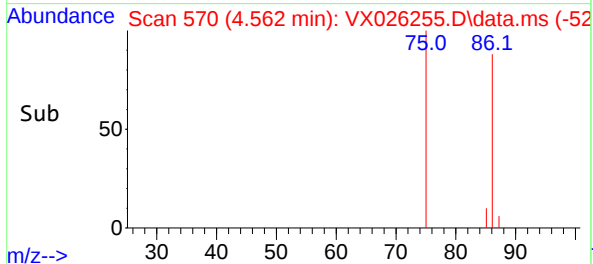
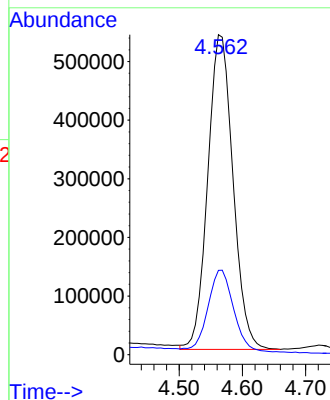
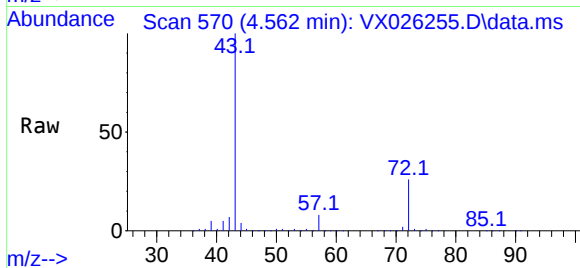
40563

Tgt Ion: 43 Resp: 1487213

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#29

Tetrahydrofuran

Concen: 16.049 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX026255.D

Acq: 04 Jan 2022 05:29

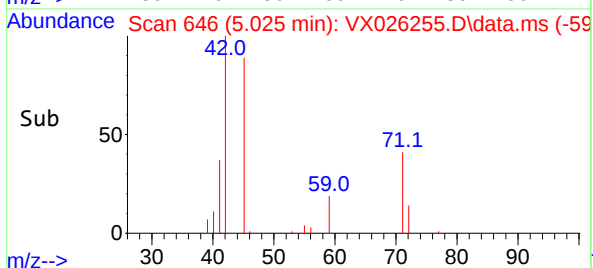
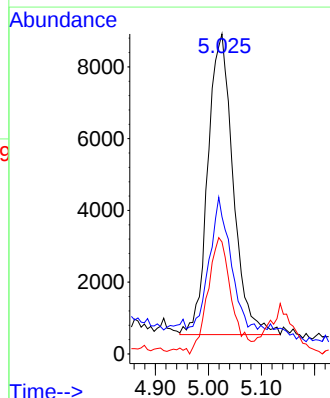
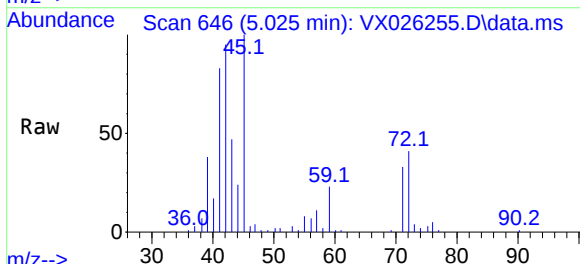
Tgt Ion: 42 Resp: 27803

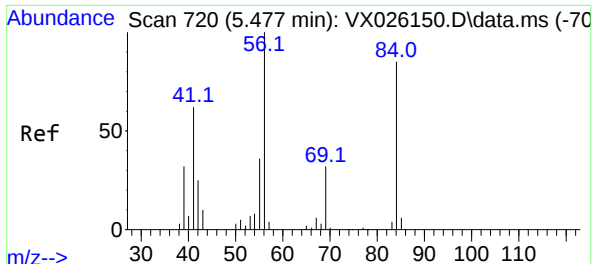
Ion Ratio Lower Upper

42 100

72 36.5 37.0 55.6#

71 36.0 34.1 51.1

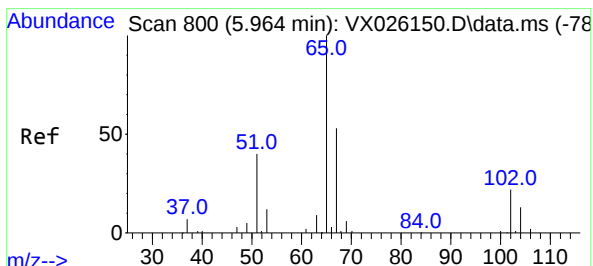
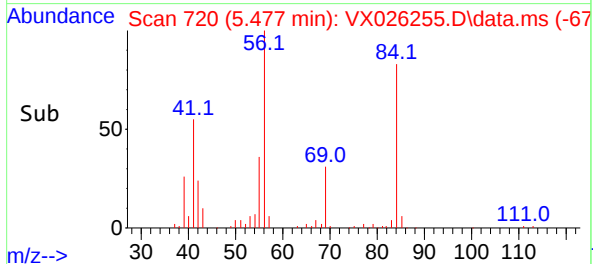
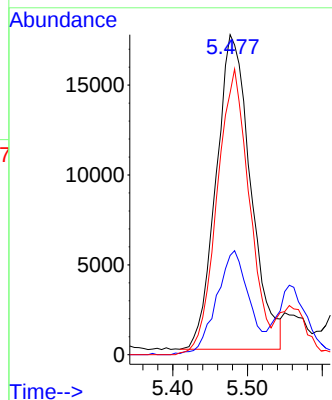
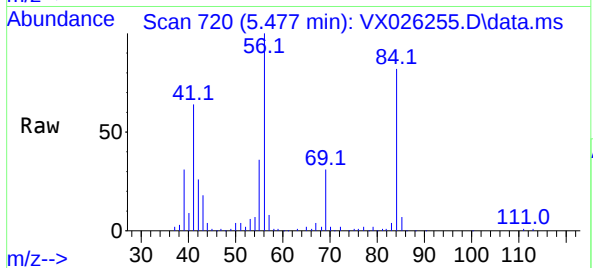




#31
Cyclohexane
Concen: 10.874 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

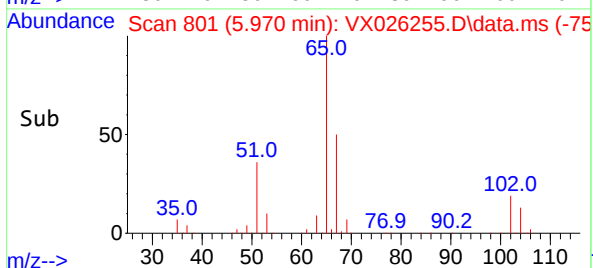
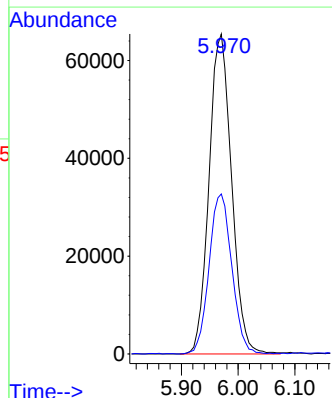
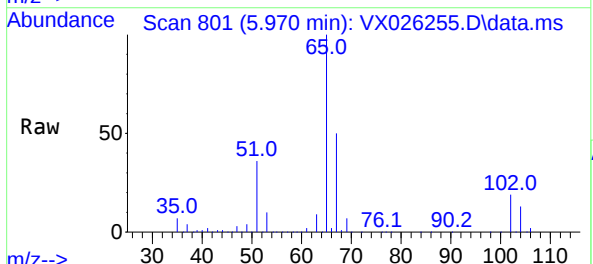
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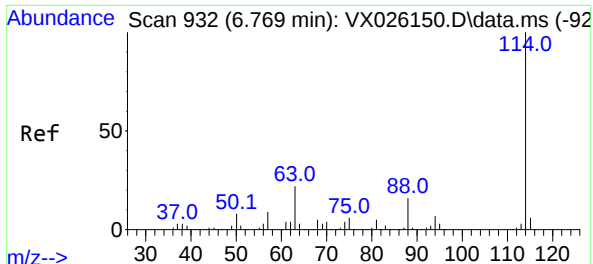
Tgt Ion: 56 Resp: 56395
Ion Ratio Lower Upper
56 100
69 31.1 23.9 35.9
84 82.7 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 49.600 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 65 Resp: 180624
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

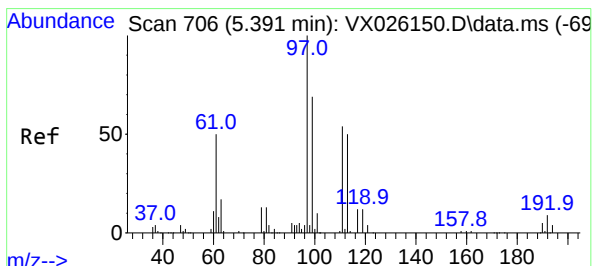
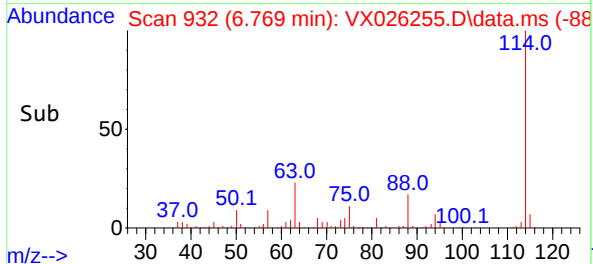
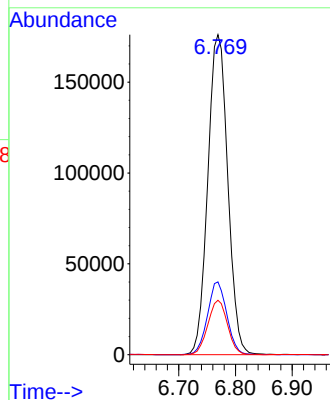
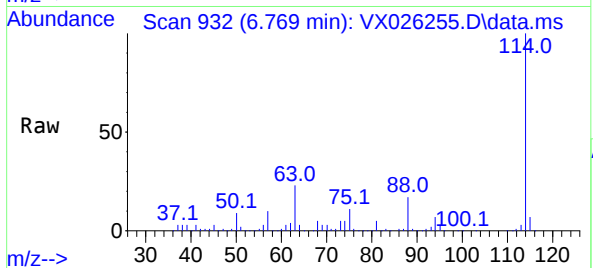




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

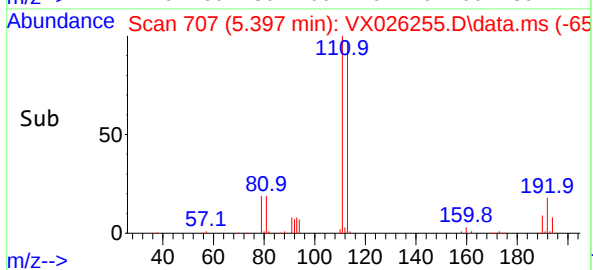
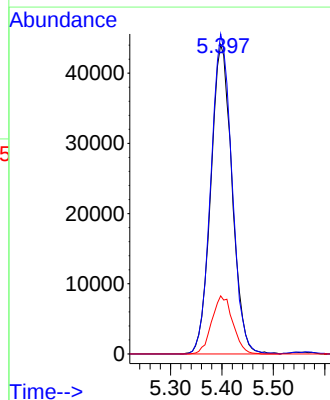
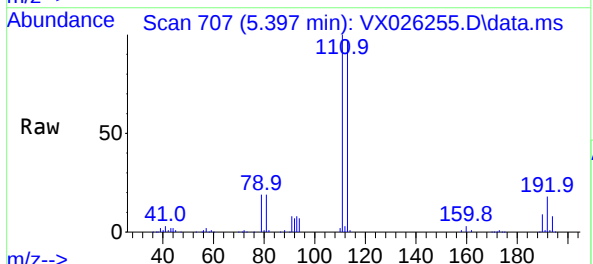
Instrument :
MSVOA_X
ClientSampleId :
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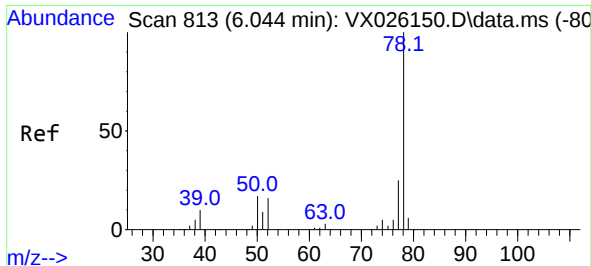
Tgt Ion:114 Resp: 430318
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.0
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.125 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion:113 Resp: 126242
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 18.6 15.0 22.4

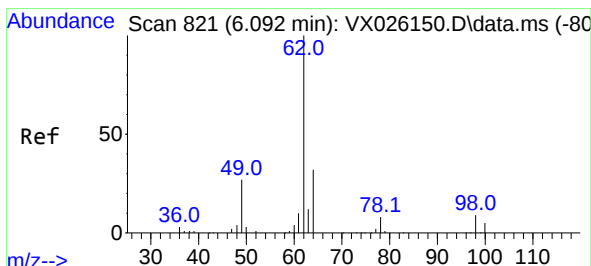
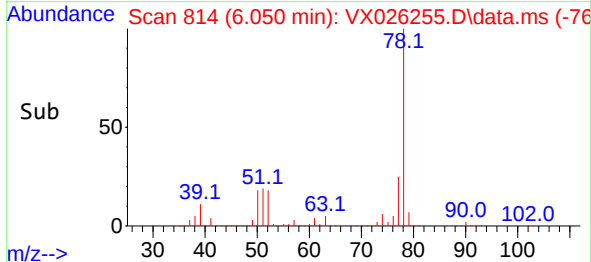
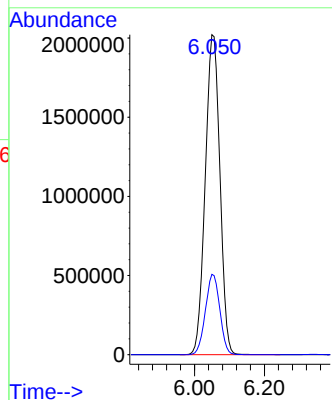
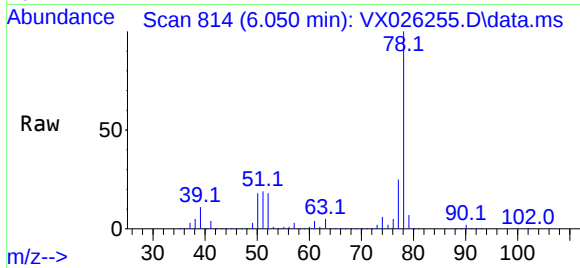




#40
Benzene
Concen: 455.953 ug/l
RT: 6.050 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

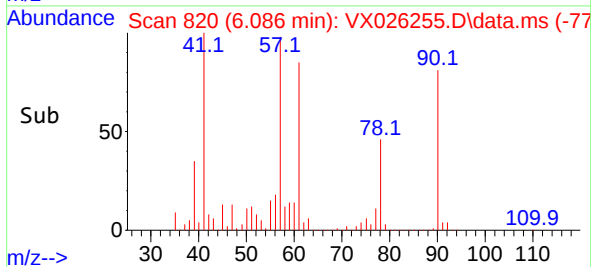
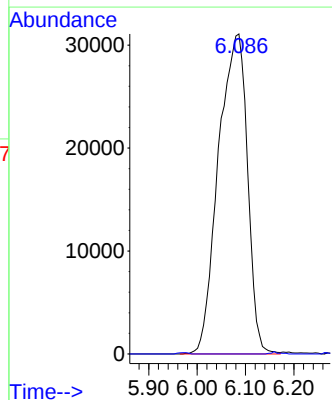
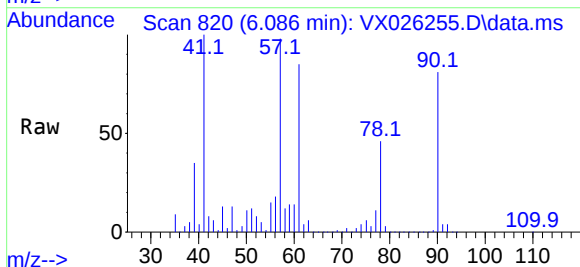
Instrument :
MSVOA_X
ClientSampleId :
40563

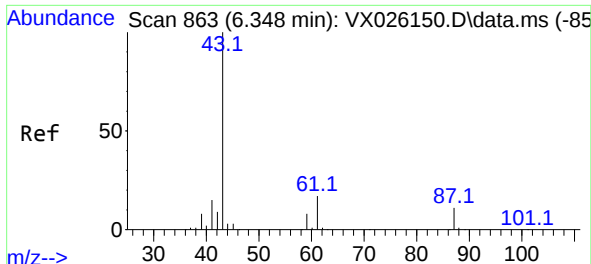
Tgt Ion: 78 Resp: 5871829
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8



#42
1,2-Dichloroethane
Concen: 24.815 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 62 Resp: 129334
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.8

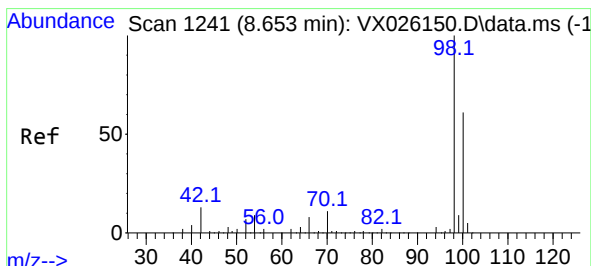
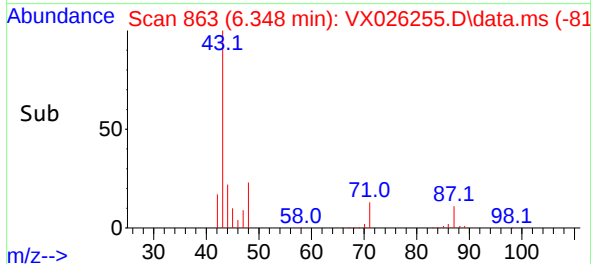
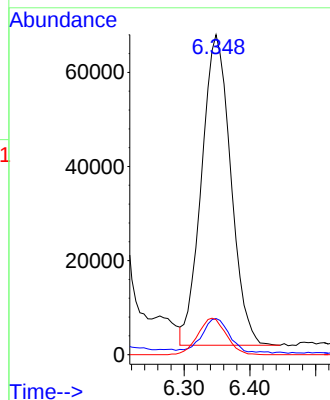
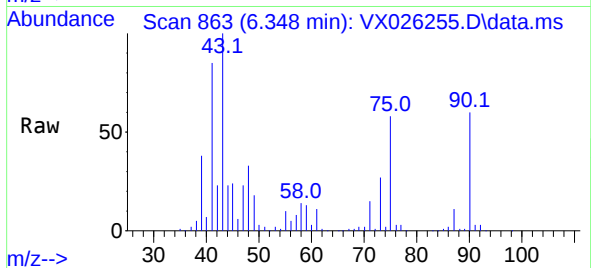




#43
Isopropyl Acetate
Concen: 23.886 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

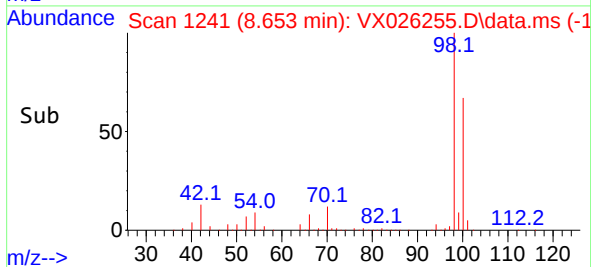
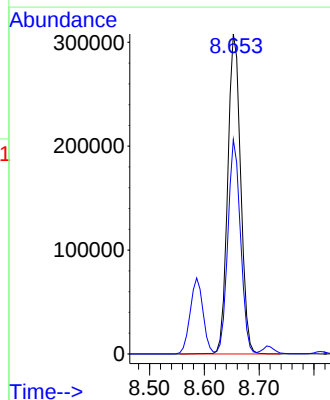
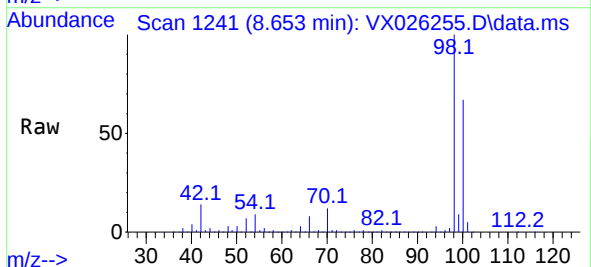
Instrument :
MSVOA_X
ClientSampleId :
40563

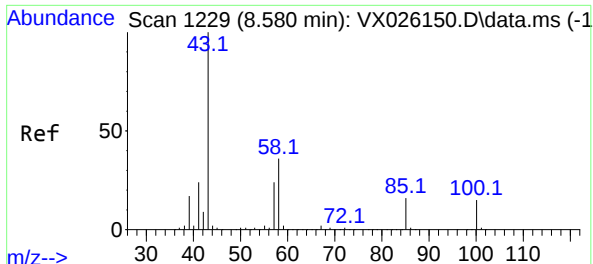
Tgt Ion: 43 Resp: 203676
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 11.4 11.2 16.8



#50
Toluene-d8
Concen: 48.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 98 Resp: 506382
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 159.540 ug/l

RT: 8.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026255.D

Acq: 04 Jan 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

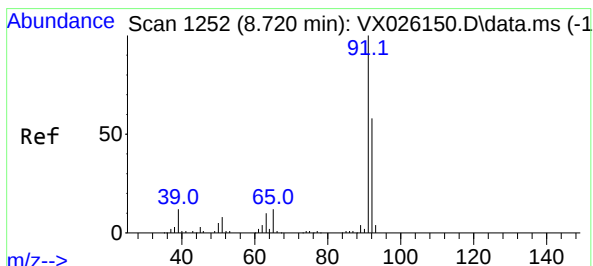
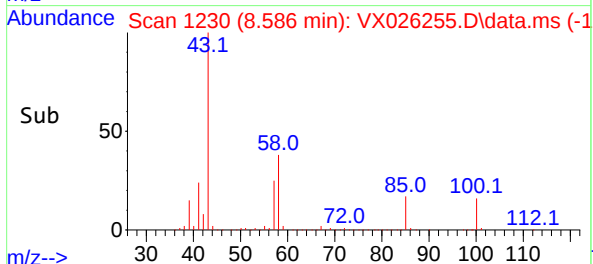
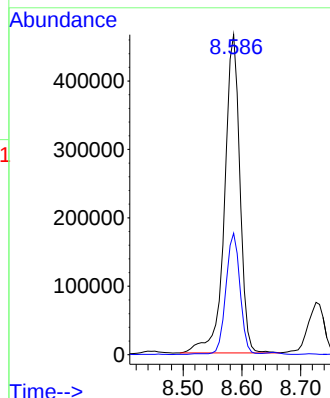
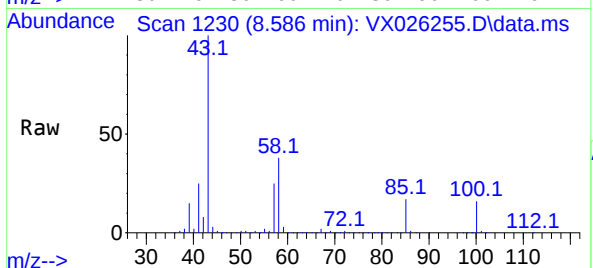
40563

Tgt Ion: 43 Resp: 846583

Ion Ratio Lower Upper

43 100

58 35.1 30.8 46.2



#52

Toluene

Concen: 920.538 ug/l

RT: 8.732 min Scan# 1254

Delta R.T. 0.012 min

Lab File: VX026255.D

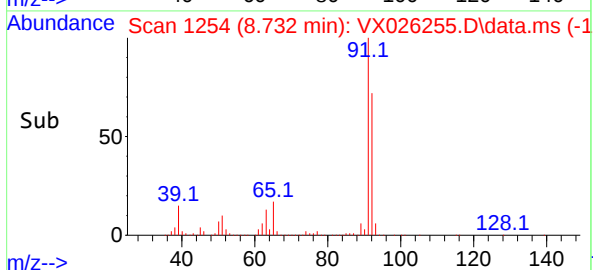
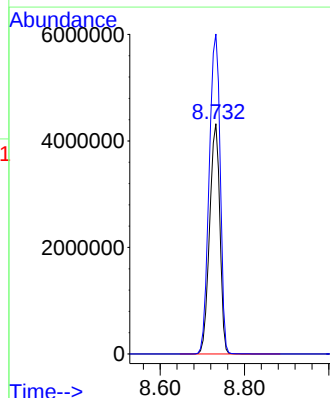
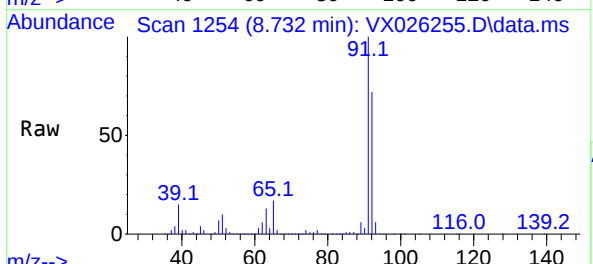
Acq: 04 Jan 2022 05:29

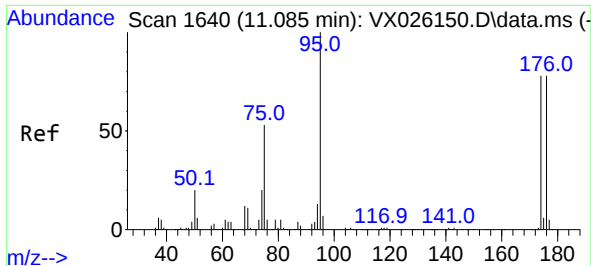
Tgt Ion: 92 Resp: 7298115

Ion Ratio Lower Upper

92 100

91 149.2 136.0 204.0

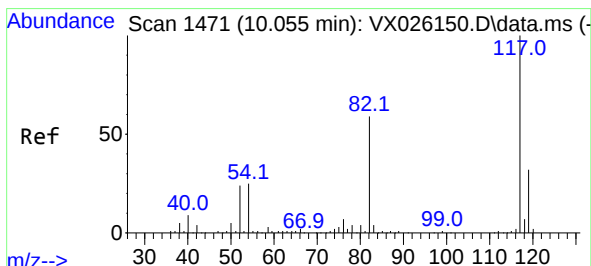
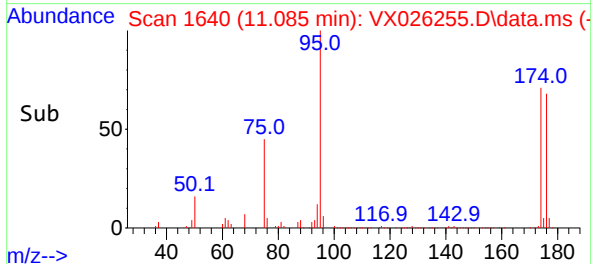
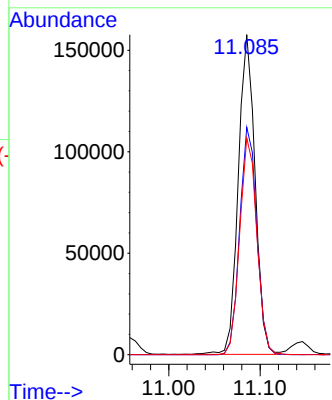
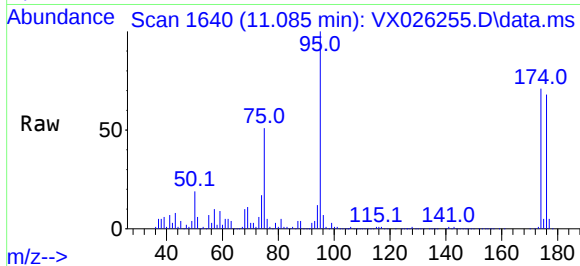




#62
4-Bromofluorobenzene
Concen: 54.277 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

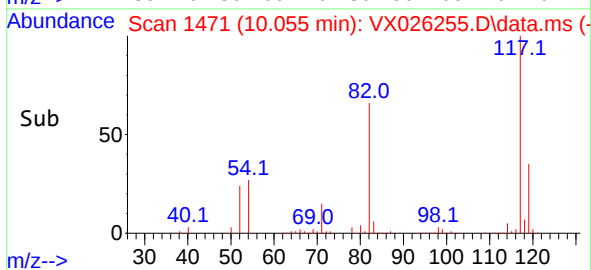
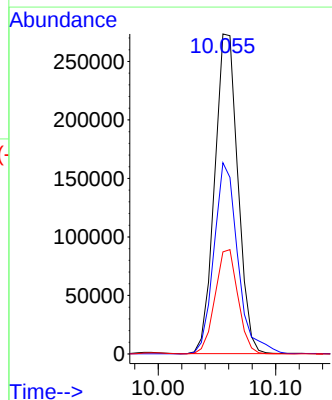
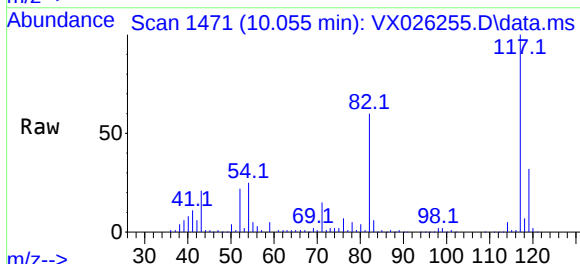
Instrument :
MSVOA_X
ClientSampleId :
40563

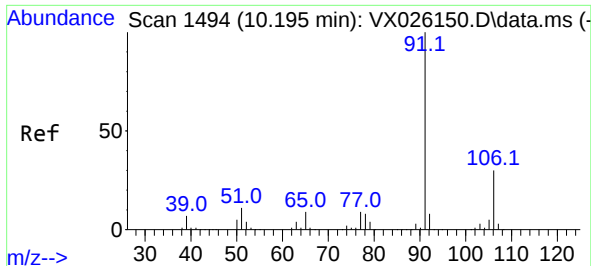
Tgt Ion: 95 Resp: 201067
Ion Ratio Lower Upper
95 100
174 72.0 0.0 157.4
176 69.0 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 117 Resp: 375940
Ion Ratio Lower Upper
117 100
82 59.8 43.8 65.6
119 31.9 25.2 37.8

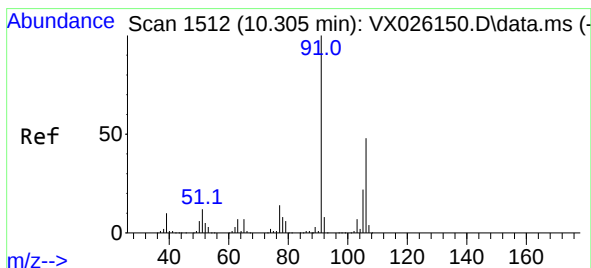
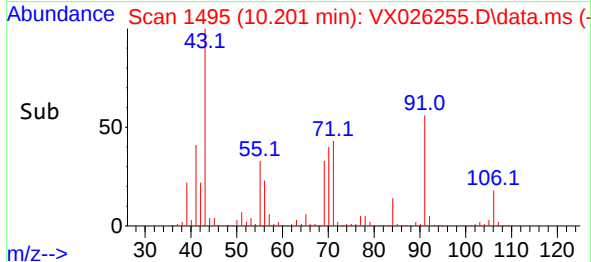
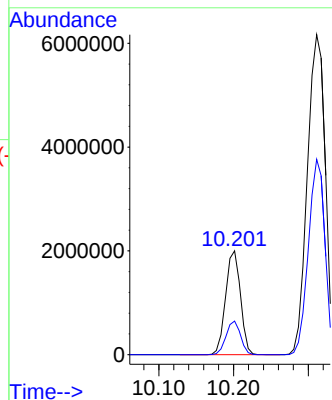
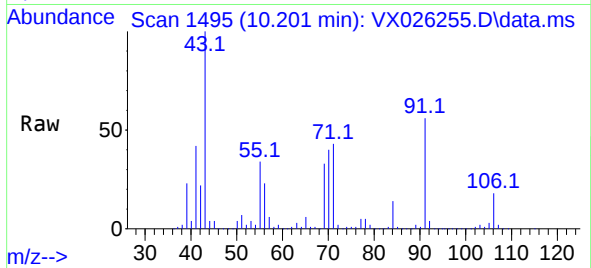




#67
Ethyl Benzene
Concen: 187.386 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

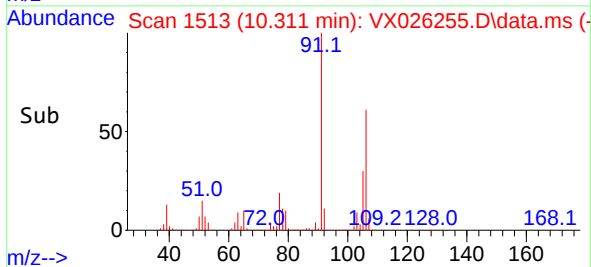
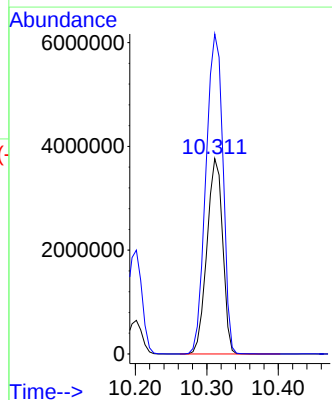
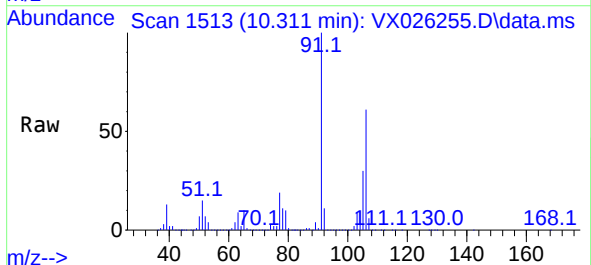
Instrument :
MSVOA_X
ClientSampleId :
40563

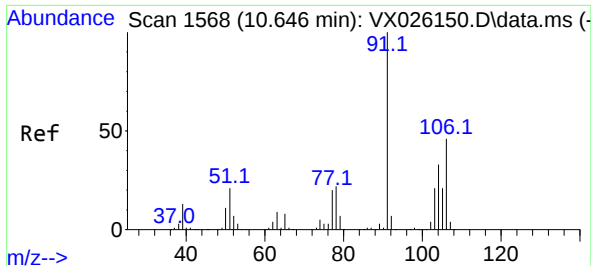
Tgt Ion: 91 Resp: 2767089
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 1043.117 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 106 Resp: 5751333
Ion Ratio Lower Upper
106 100
91 176.9 158.6 238.0

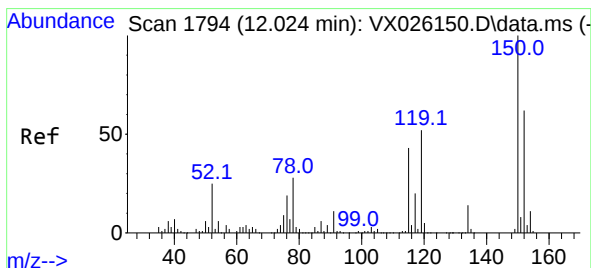
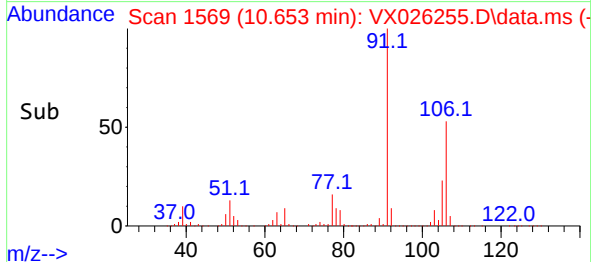
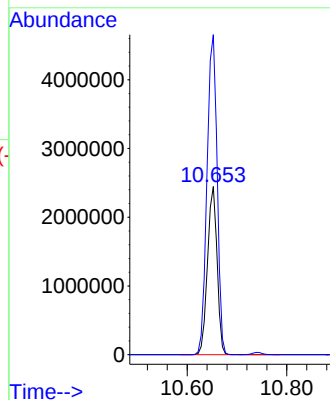
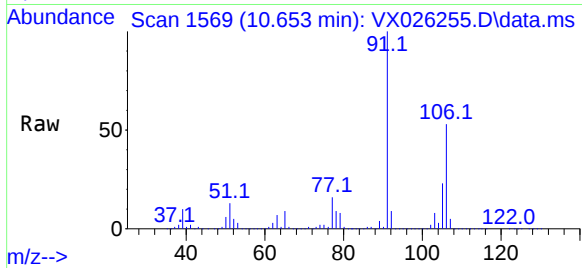




#69
o-Xylene
Concen: 601.667 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

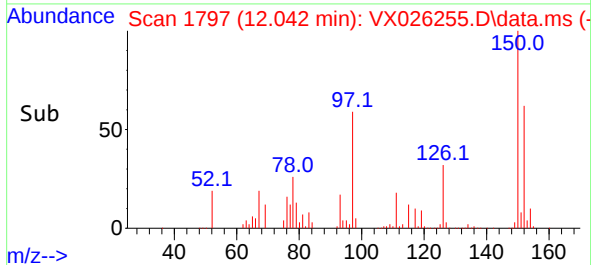
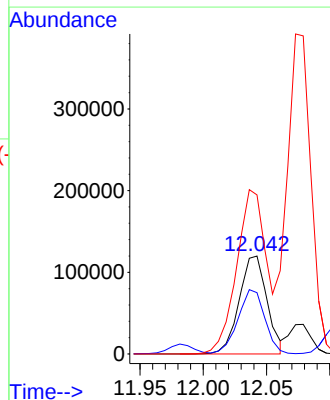
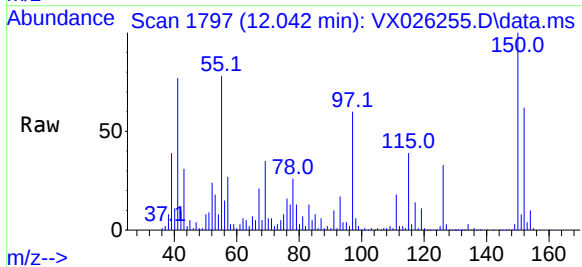
Instrument :
MSVOA_X
ClientSampleId :
40563

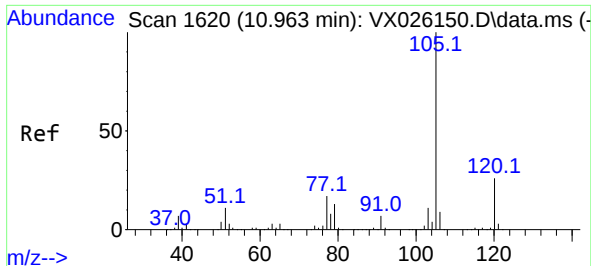
Tgt Ion:106 Resp: 3245816
Ion Ratio Lower Upper
106 100
91 202.2 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.018 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion:152 Resp: 183267
Ion Ratio Lower Upper
152 100
115 62.8 41.3 123.9
150 177.9 0.0 351.8

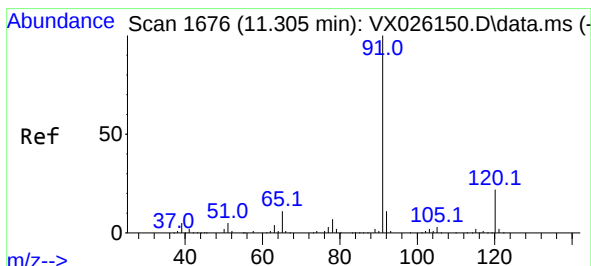
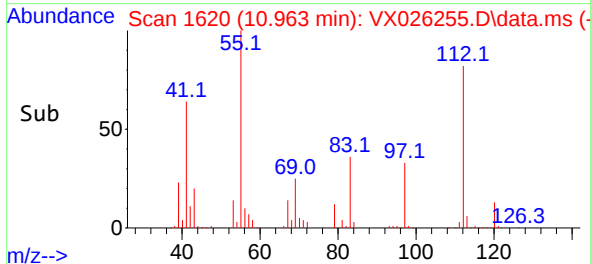
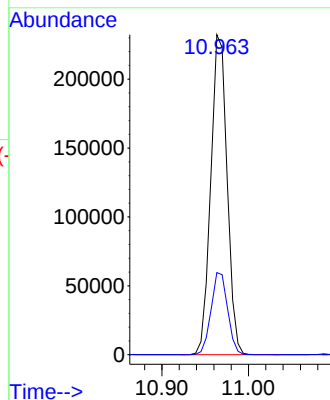
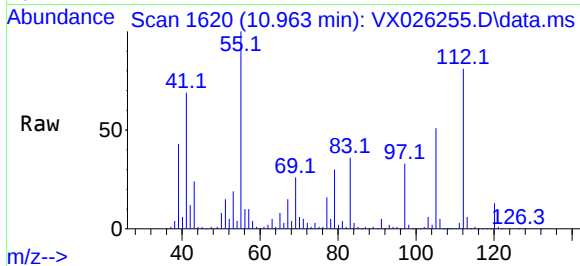




#73
Isopropylbenzene
Concen: 21.380 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

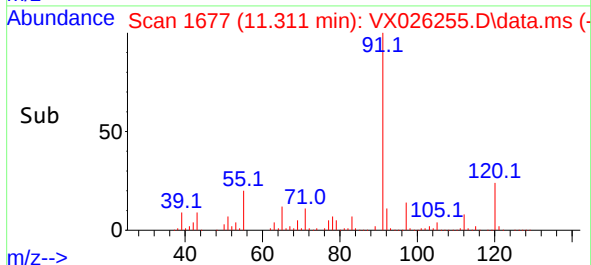
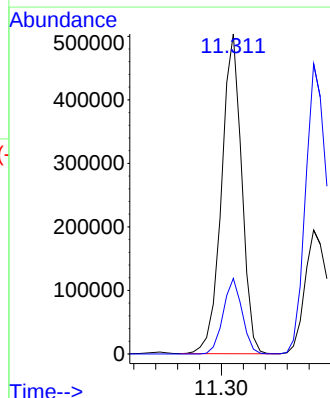
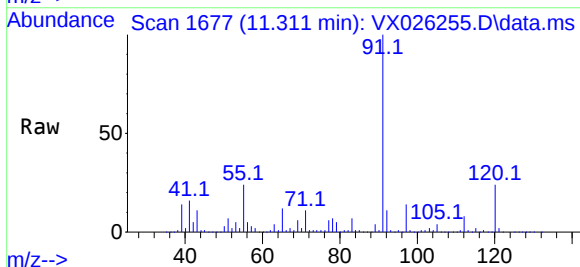
Instrument :
MSVOA_X
ClientSampleId :
40563

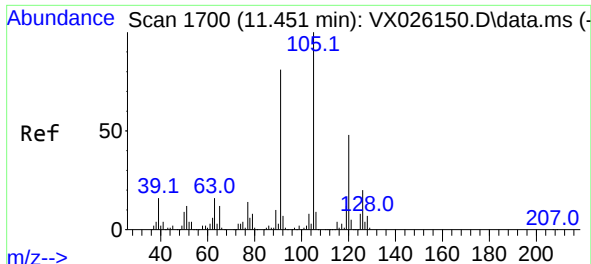
Tgt Ion:105 Resp: 304561
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7



#78
n-propylbenzene
Concen: 39.218 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion: 91 Resp: 642351
Ion Ratio Lower Upper
91 100
120 22.1 12.0 36.1

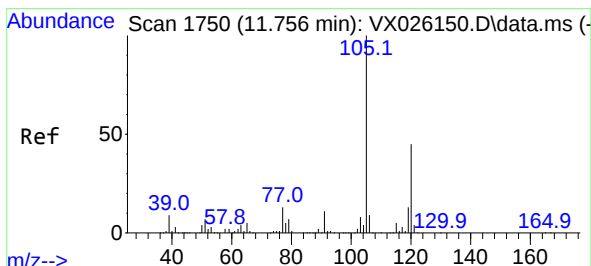
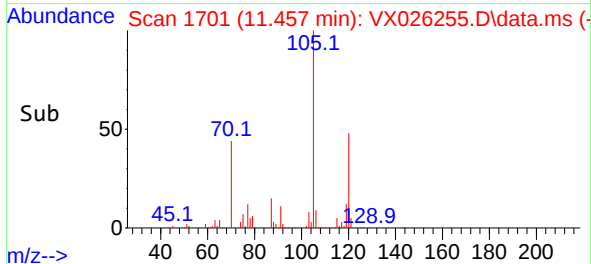
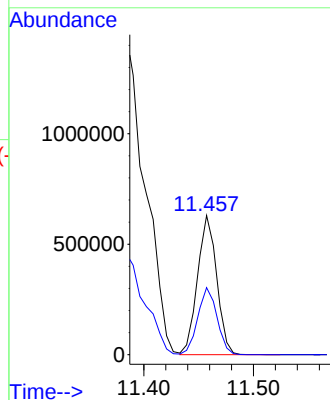
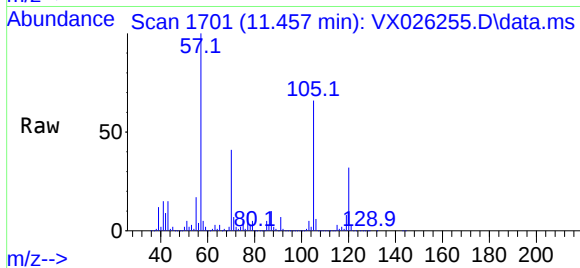




#80
1,3,5-Trimethylbenzene
Concen: 64.848 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

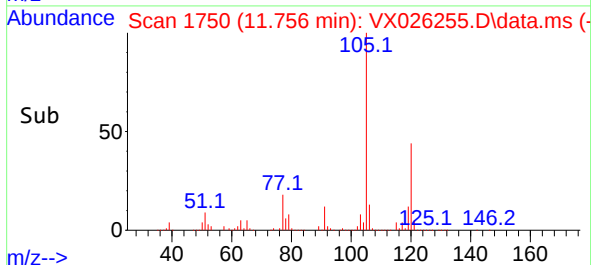
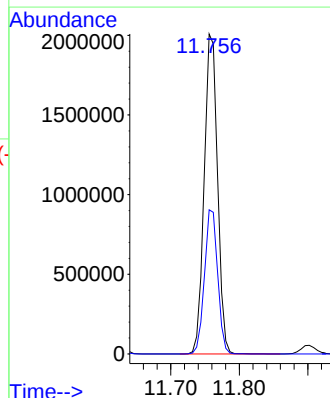
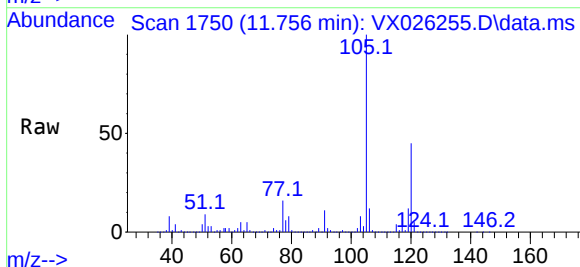
Instrument :
MSVOA_X
ClientSampleId :
40563

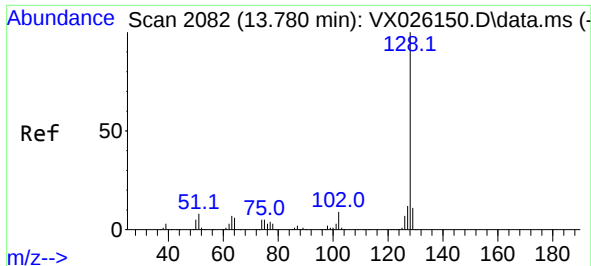
Tgt Ion:105 Resp: 766618
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 230.626 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026255.D
Acq: 04 Jan 2022 05:29

Tgt Ion:105 Resp: 2724233
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





#95

Naphthalene

Concen: 72.361 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX026255.D

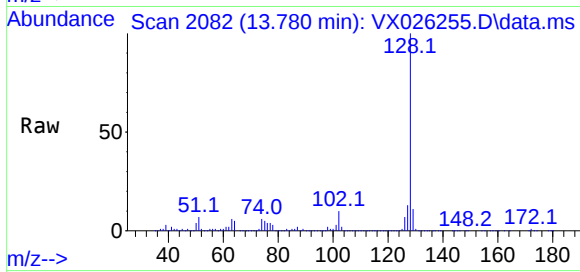
Acq: 04 Jan 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

40563



Tgt Ion:128 Resp: 1024931

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.8 13.2

