

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026283.D
 Acq On : 04 Jan 2022 20:05
 Operator : JC/MD
 Sample : N1005-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KEAR-SB

Quant Time: Jan 05 06:15:44 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)

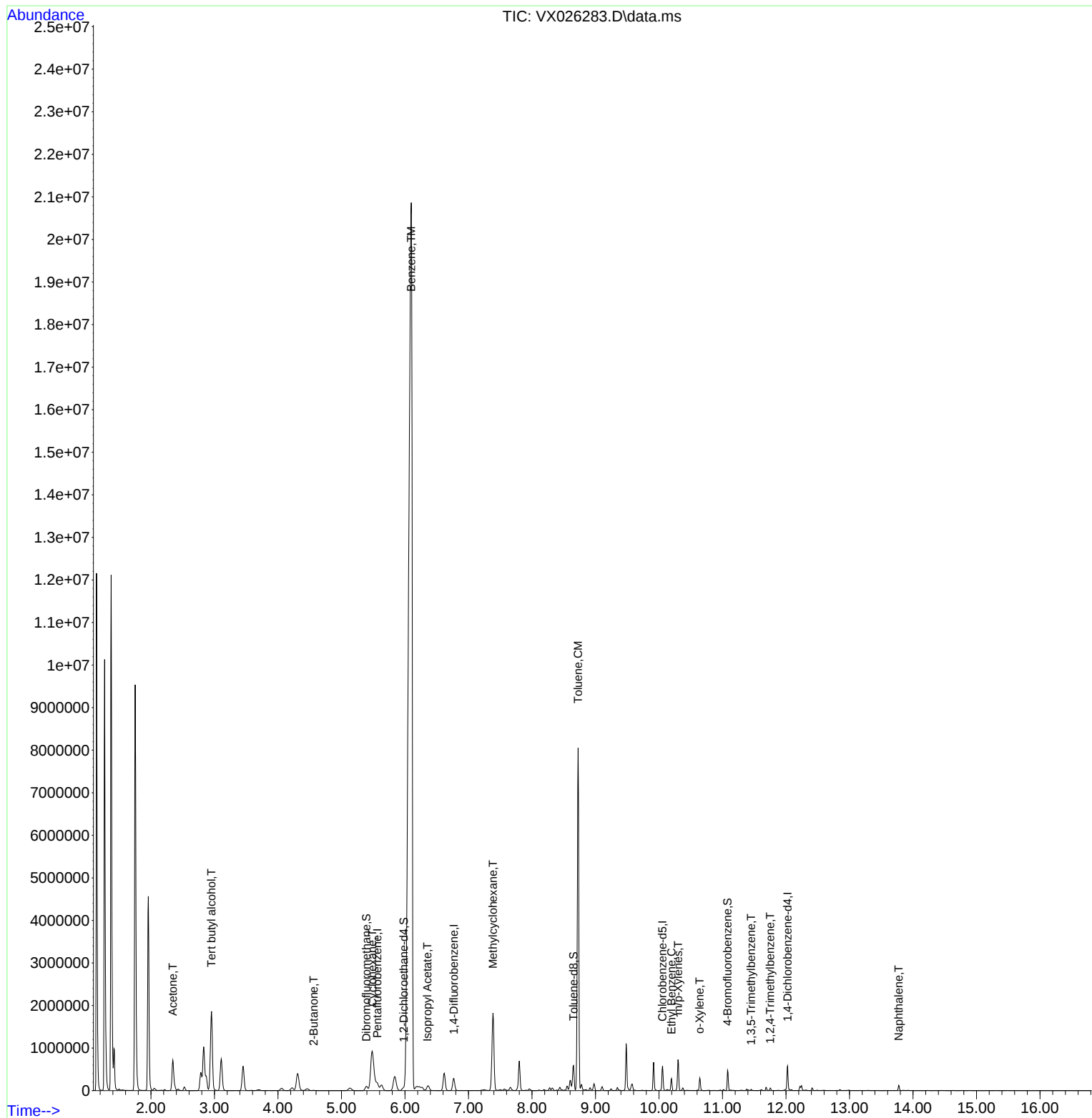
Internal Standards						
1) Pentafluorobenzene	5.562	168	163957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	280985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.983	65	121088	51.049	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.100%
35) Dibromofluoromethane	5.391	113	90702	49.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	8.653	98	330448	48.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	127483	52.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2274833	4801.645	ug/l	99
16) Acetone	2.343	43	347921	270.720	ug/l #	53
25) 2-Butanone	4.562	43	13710	7.658	ug/l	98
31) Cyclohexane	5.483	56	678371	200.825	ug/l	95
39) Methylcyclohexane	7.385	83	802197	241.366	ug/l	93
40) Benzene	6.099	78	29873482	3552.539	ug/l #	69
43) Isopropyl Acetate	6.355	43	26474	4.755	ug/l #	71
52) Toluene	8.726	92	3111215	600.990	ug/l	94
67) Ethyl Benzene	10.195	91	154663	15.819	ug/l	98
68) m/p-Xylenes	10.299	106	160581	43.989	ug/l	93
69) o-Xylene	10.640	106	57114	15.991	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	9509	1.291	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	24975	3.393	ug/l	94
95) Naphthalene	13.774	128	74604	8.452	ug/l	100

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

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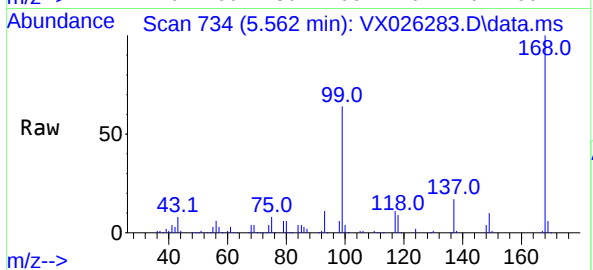
Quant Time: Jan 05 06:15:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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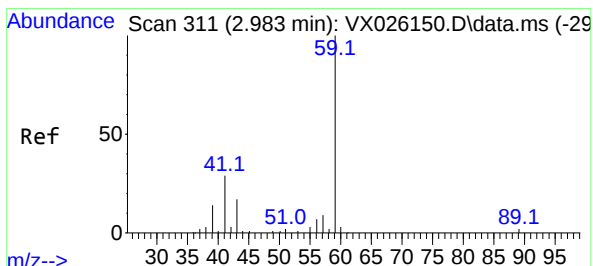
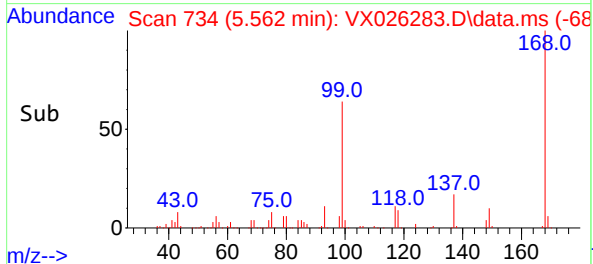
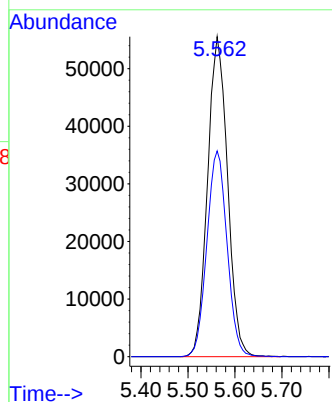


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

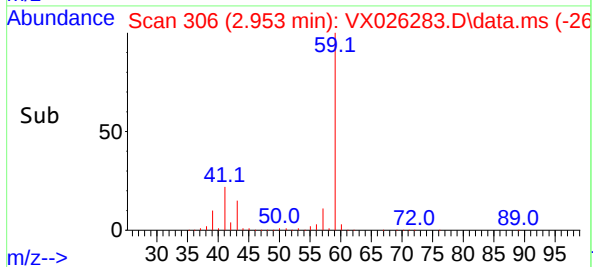
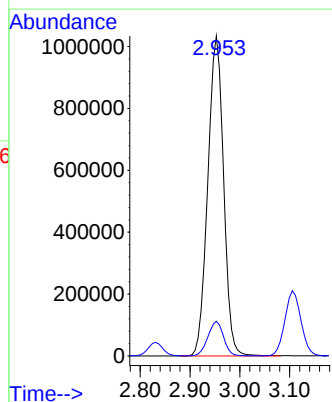
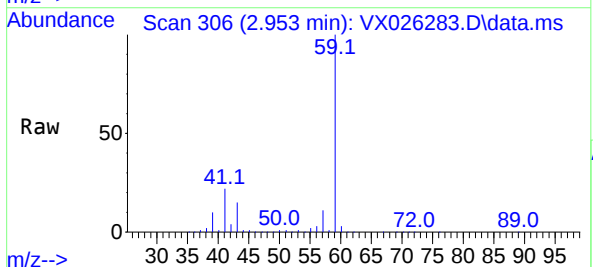


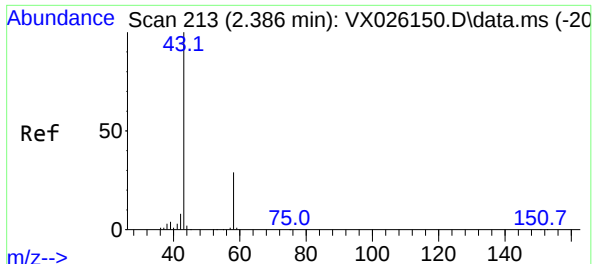
Tgt Ion:168 Resp: 163957
Ion Ratio Lower Upper
168 100
99 64.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 4801.645 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion: 59 Resp: 2274833
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

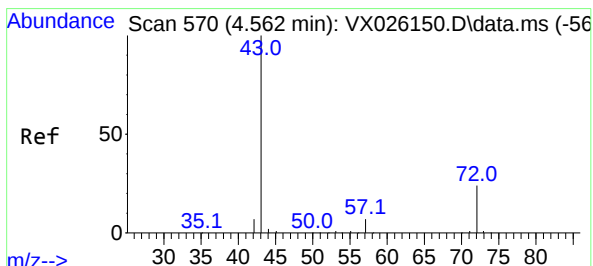
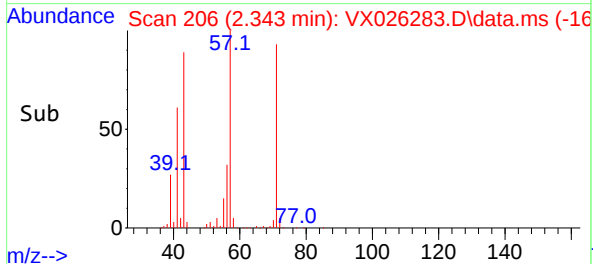
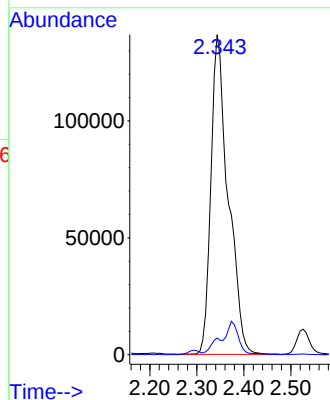
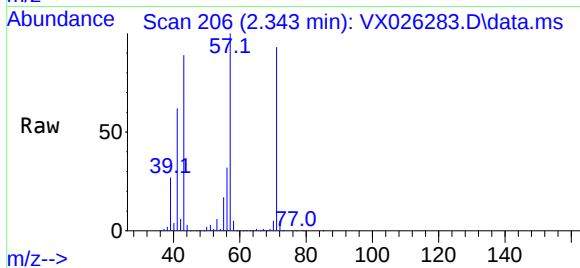




#16
Acetone
Concen: 270.720 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.043 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

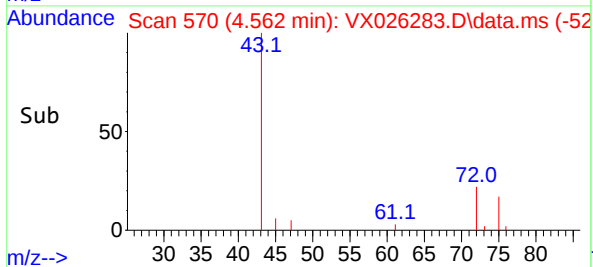
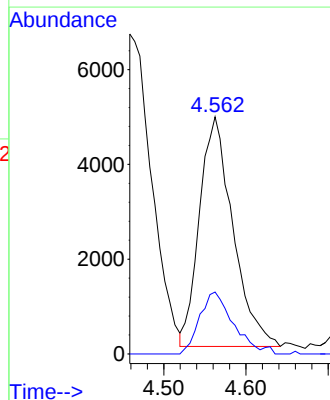
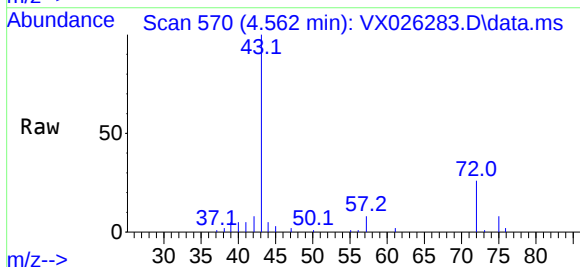
Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

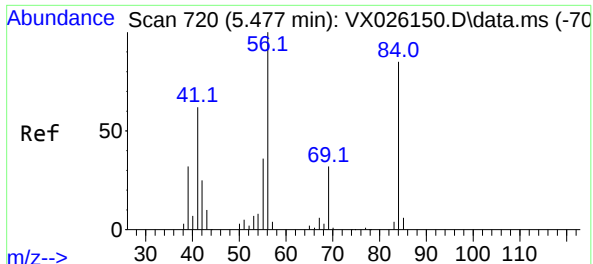
Tgt Ion: 43 Resp: 347921
Ion Ratio Lower Upper
43 100
58 5.2 24.8 37.2#



#25
2-Butanone
Concen: 7.658 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion: 43 Resp: 13710
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.4

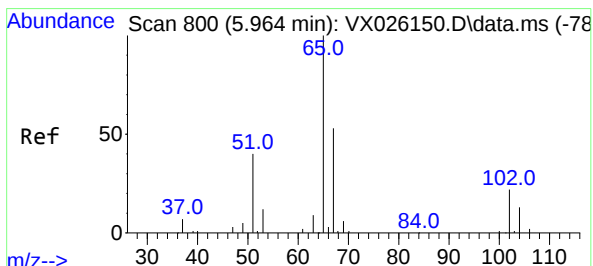
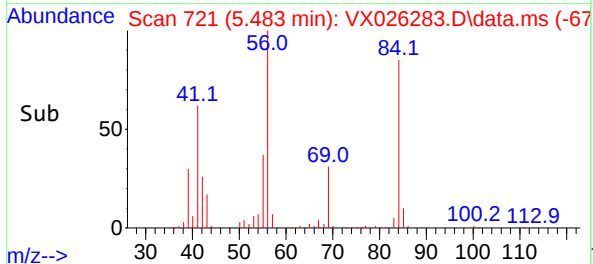
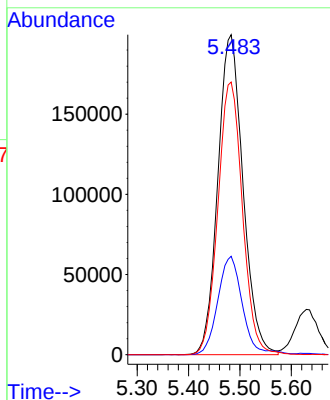
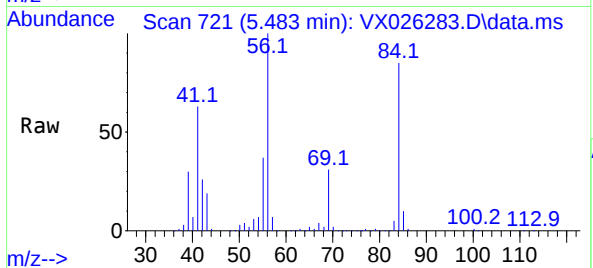




#31
Cyclohexane
Concen: 200.825 ug/l
RT: 5.483 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

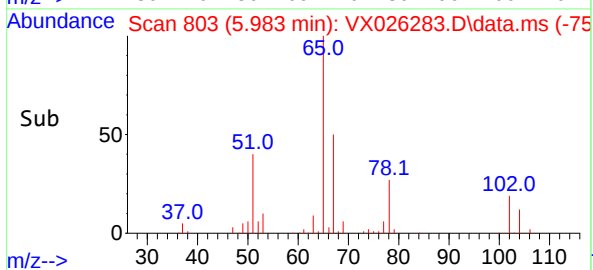
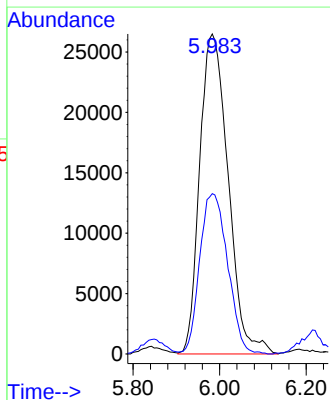
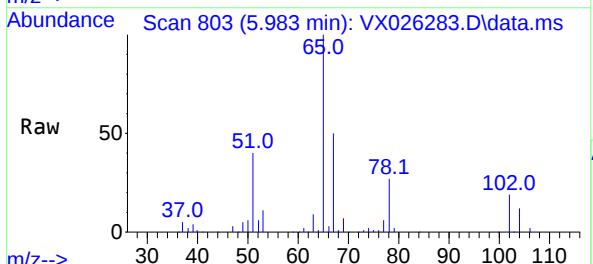
Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

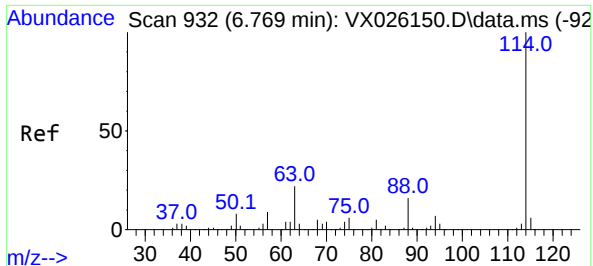
Tgt Ion: 56 Resp: 678371
Ion Ratio Lower Upper
56 100
69 30.8 23.9 35.9
84 85.2 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 51.049 ug/l
RT: 5.983 min Scan# 803
Delta R.T. 0.019 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion: 65 Resp: 121088
Ion Ratio Lower Upper
65 100
67 49.2 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: VX026283.D

Acq: 04 Jan 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

KEAR-SB

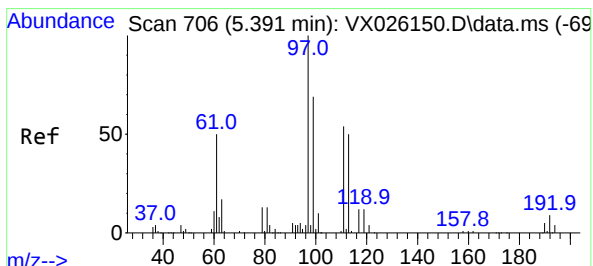
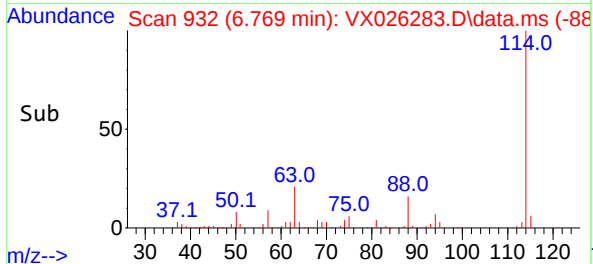
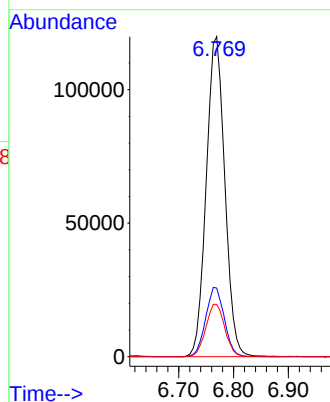
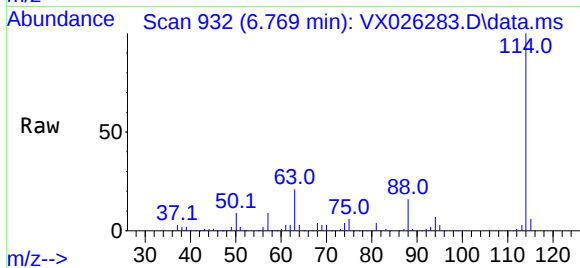
Tgt Ion:114 Resp: 280985

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.651 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026283.D

Acq: 04 Jan 2022 20:05

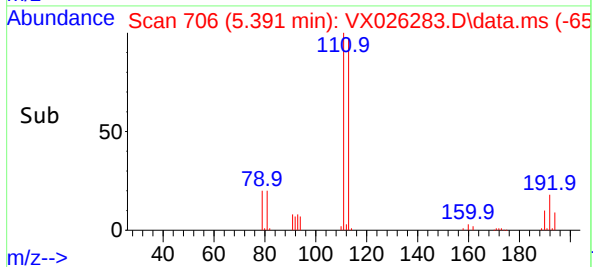
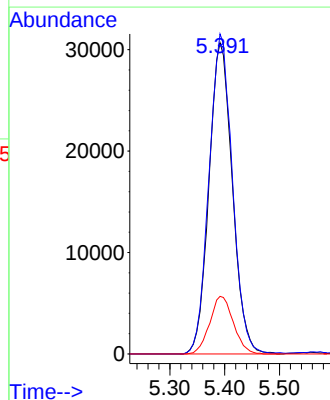
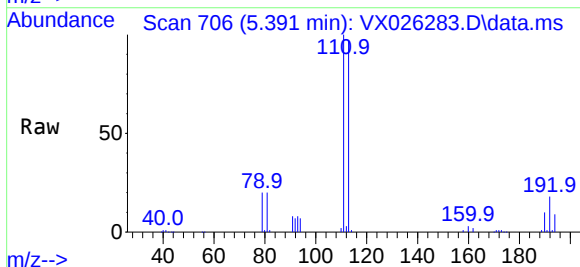
Tgt Ion:113 Resp: 90702

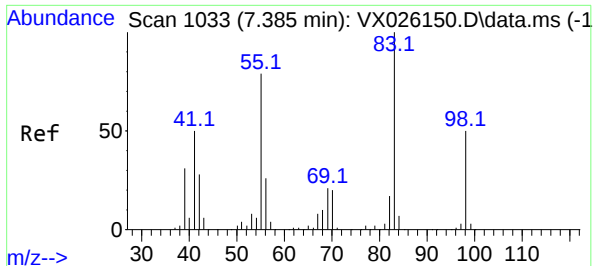
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.8 15.0 22.4





#39

Methylcyclohexane

Concen: 241.366 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026283.D

Acq: 04 Jan 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

KEAR-SB

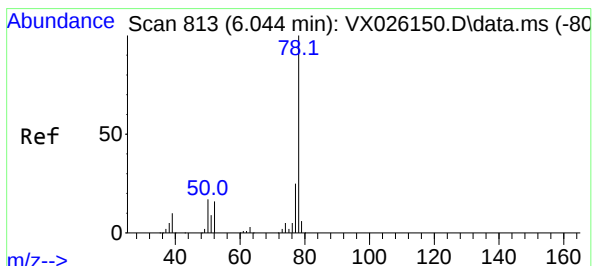
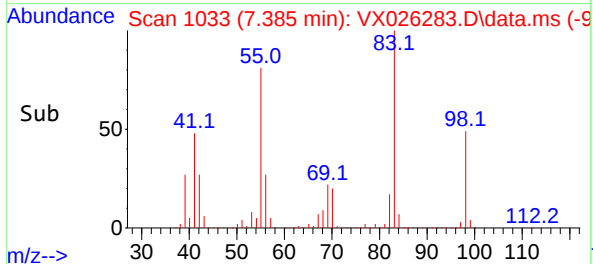
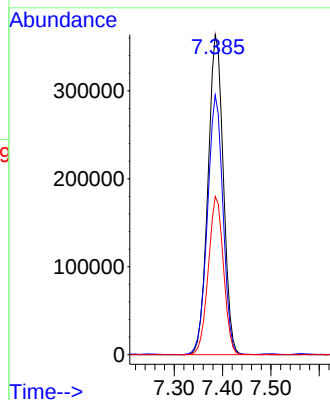
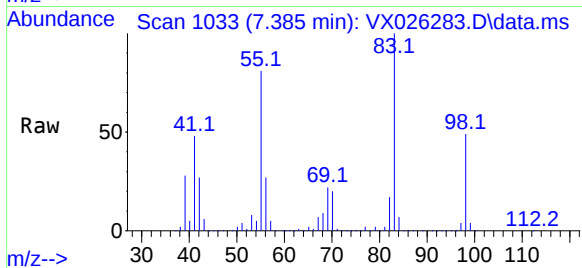
Tgt Ion: 83 Resp: 802197

Ion Ratio Lower Upper

83 100

55 81.1 57.8 86.8

98 49.5 40.5 60.7



#40

Benzene

Concen: 3552.539 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.055 min

Lab File: VX026283.D

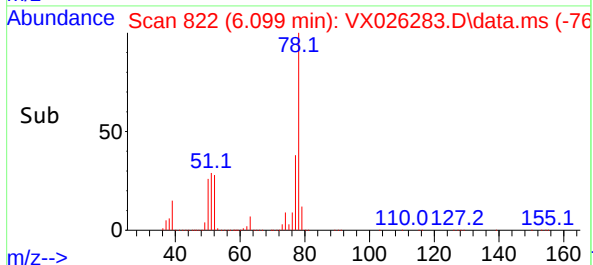
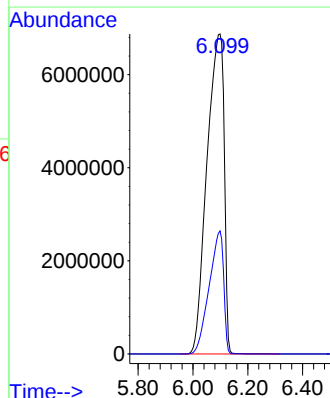
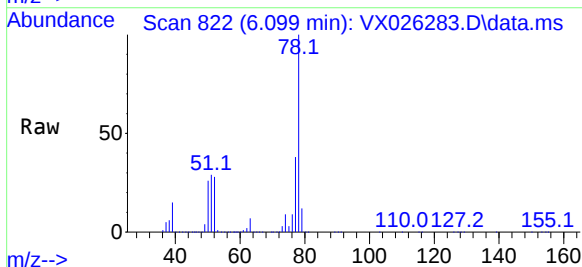
Acq: 04 Jan 2022 20:05

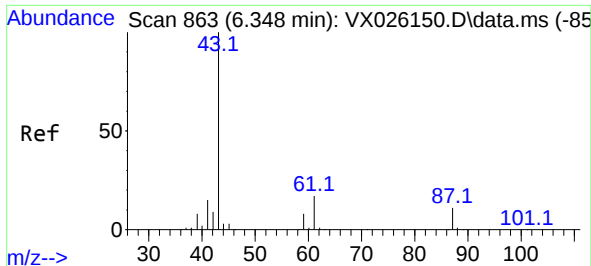
Tgt Ion: 78 Resp: 29873482

Ion Ratio Lower Upper

78 100

77 38.5 18.6 27.8#

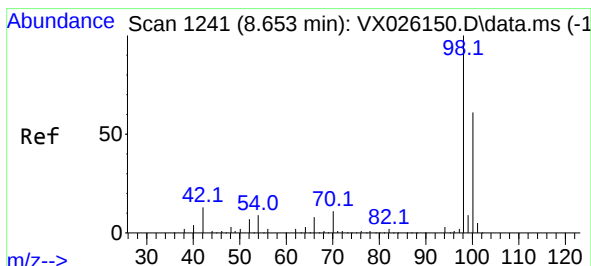
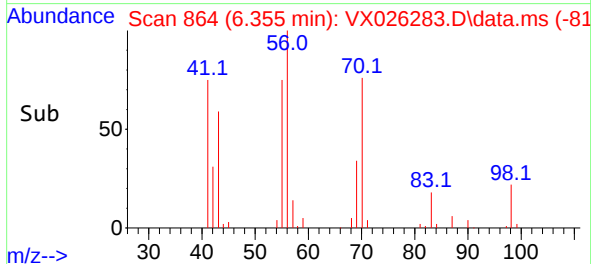
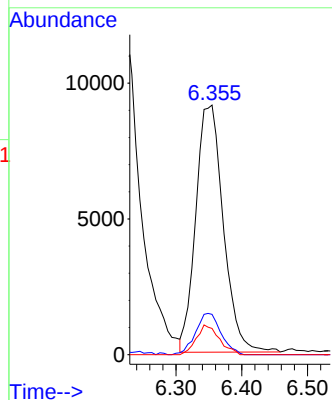
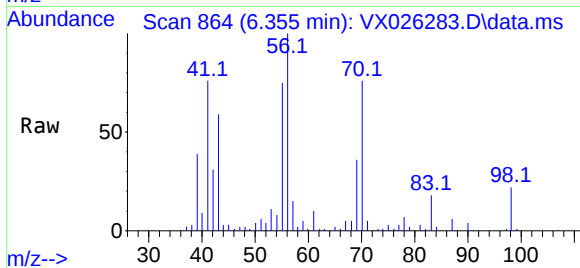




#43
Isopropyl Acetate
Concen: 4.755 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

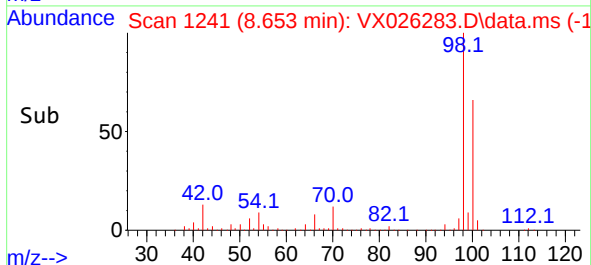
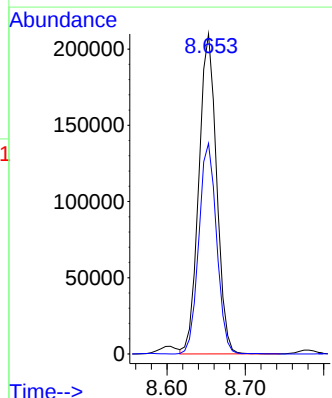
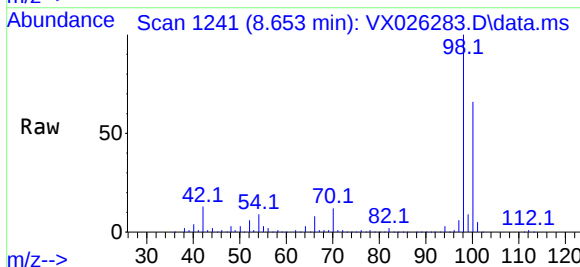
Instrument :
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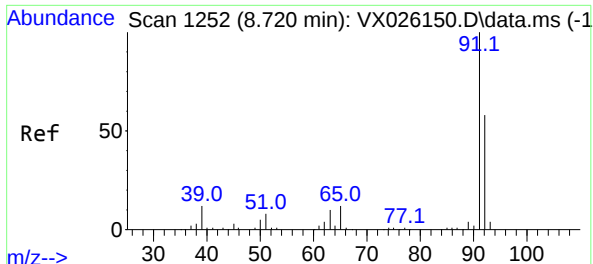
Tgt Ion: 43 Resp: 26474
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 10.0 11.2 16.8#



#50
Toluene-d8
Concen: 48.632 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion: 98 Resp: 330448
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#52

Toluene

Concen: 600.990 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX026283.D

Acq: 04 Jan 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

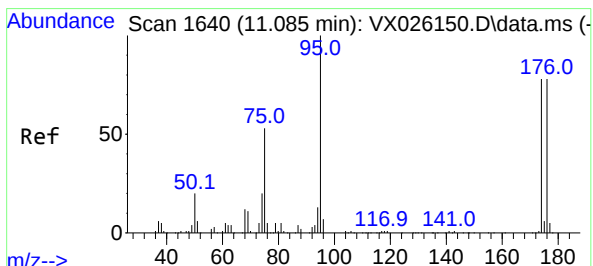
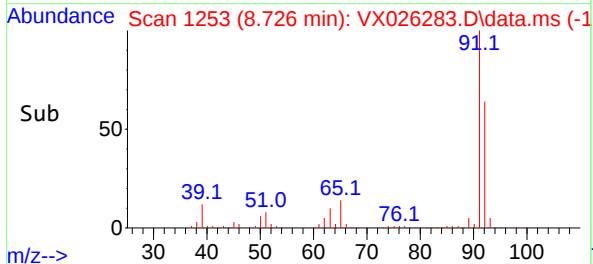
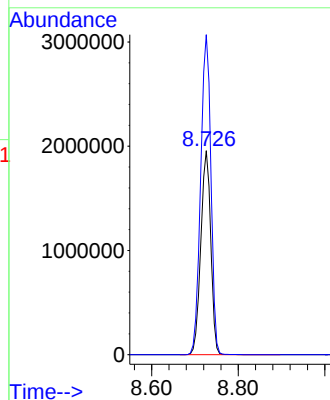
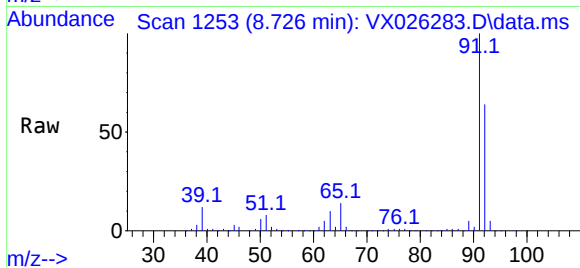
KEAR-SB

Tgt Ion: 92 Resp: 3111215

Ion Ratio Lower Upper

92 100

91 161.9 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 52.703 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026283.D

Acq: 04 Jan 2022 20:05

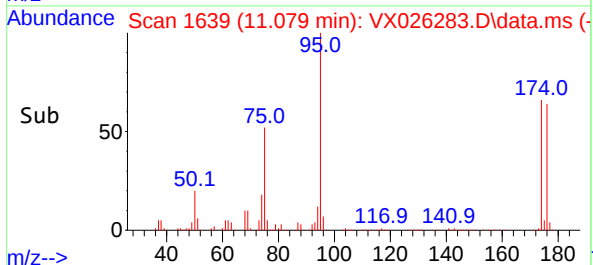
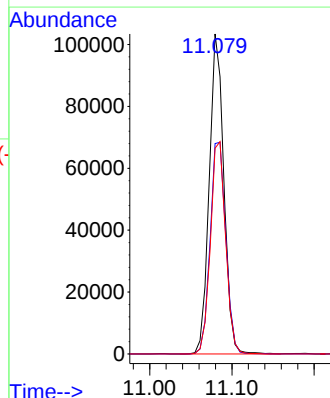
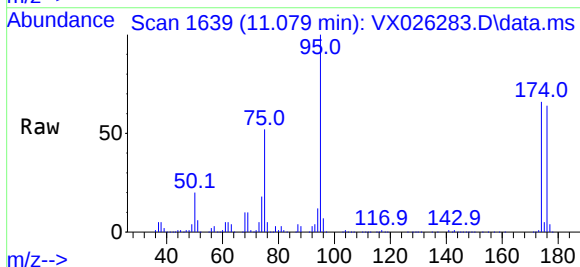
Tgt Ion: 95 Resp: 127483

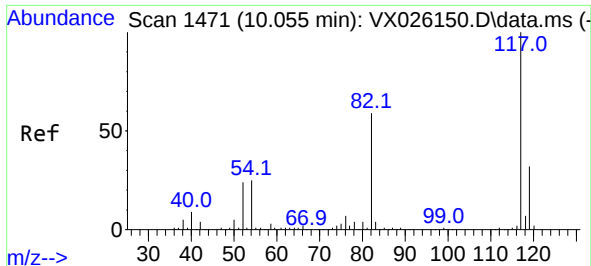
Ion Ratio Lower Upper

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174 70.9 0.0 157.4

176 69.0 0.0 154.6

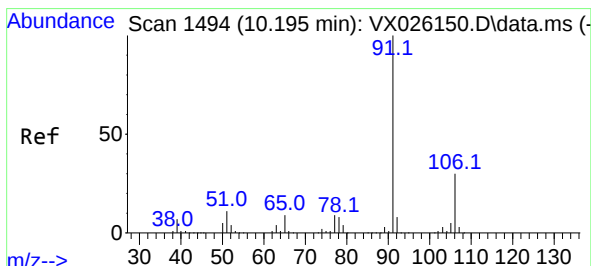
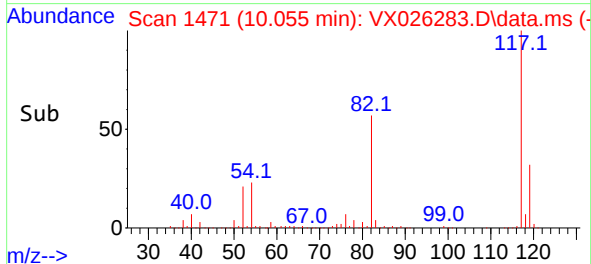
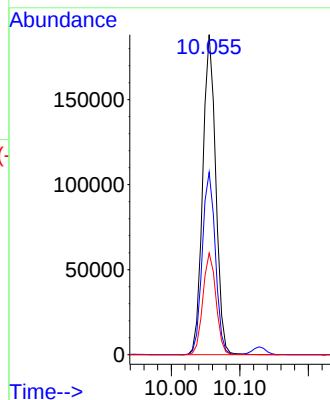
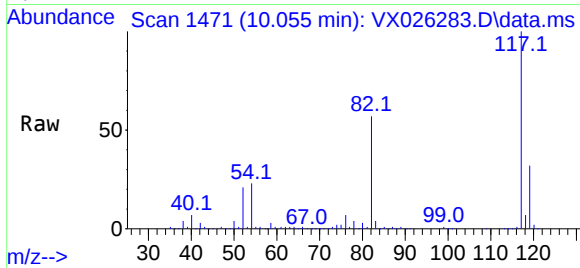




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

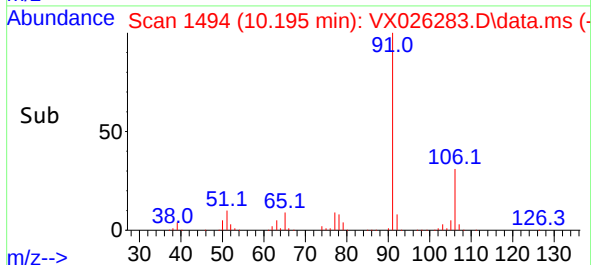
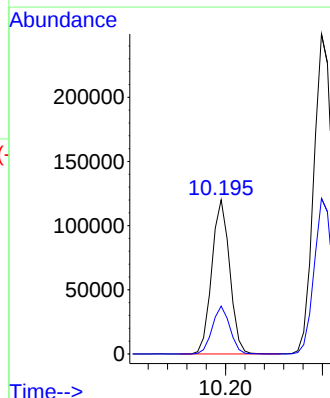
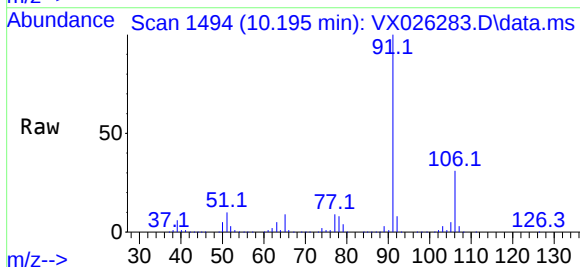
Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

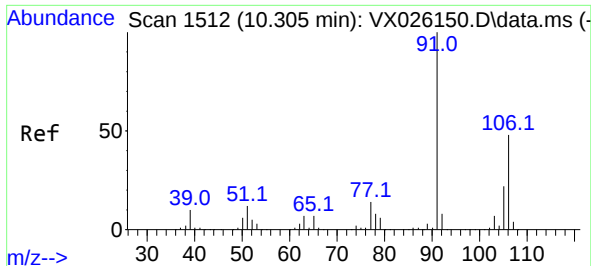
Tgt Ion:117 Resp: 248903
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.6
119 31.8 25.2 37.8



#67
Ethyl Benzene
Concen: 15.819 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion: 91 Resp: 154663
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

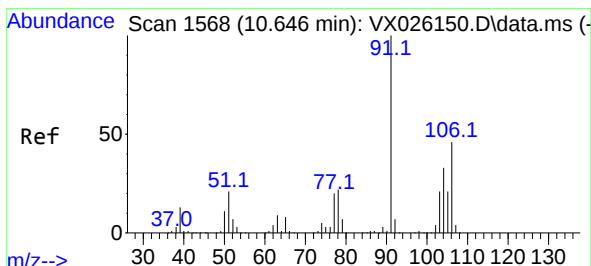
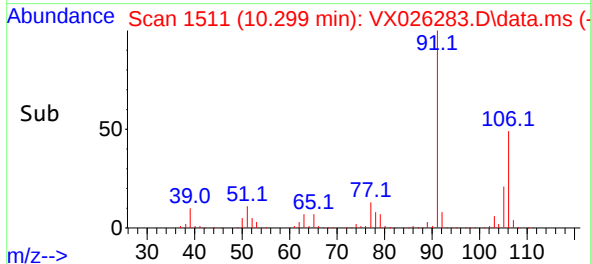
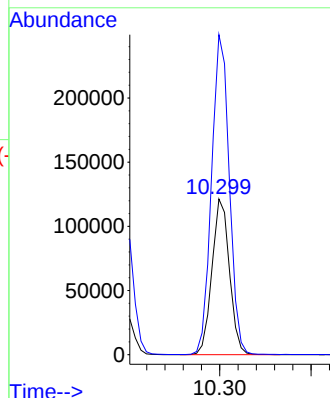
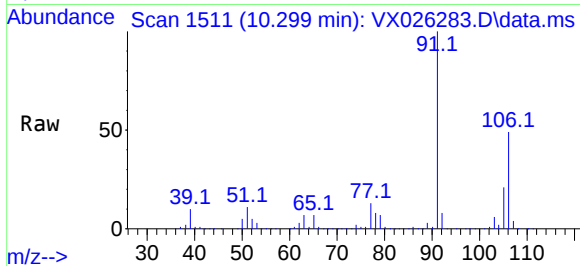




#68
m/p-Xylenes
Concen: 43.989 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

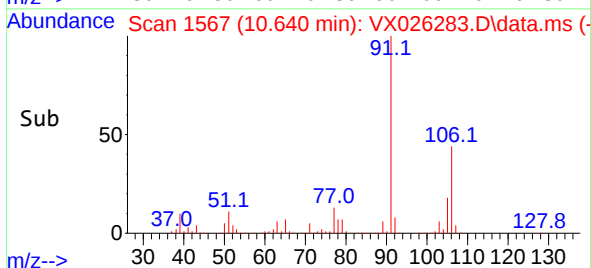
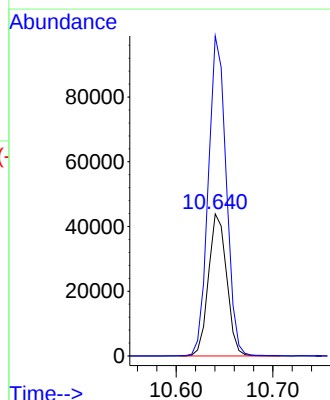
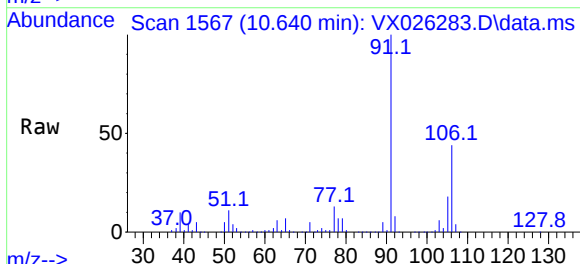
Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

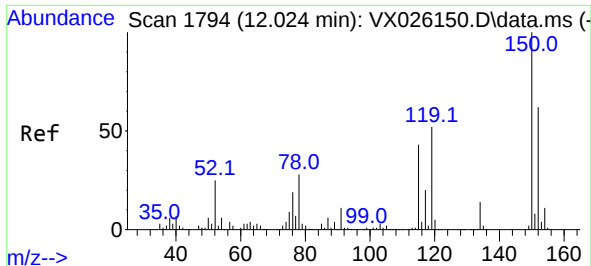
Tgt Ion:106 Resp: 160581
Ion Ratio Lower Upper
106 100
91 208.4 158.6 238.0



#69
o-Xylene
Concen: 15.991 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion:106 Resp: 57114
Ion Ratio Lower Upper
106 100
91 223.0 105.5 316.4

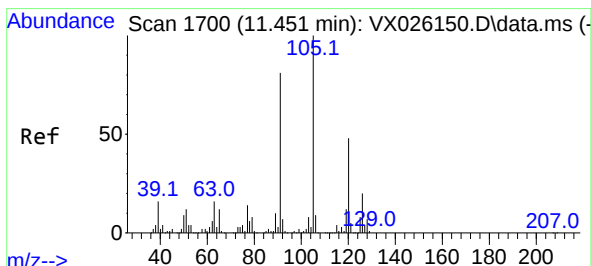
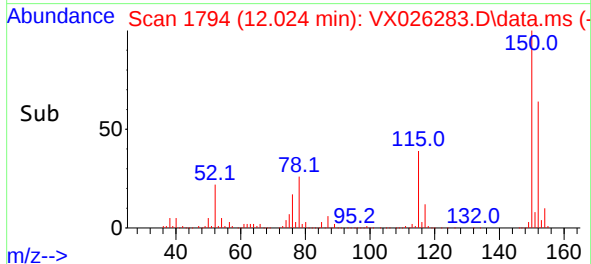
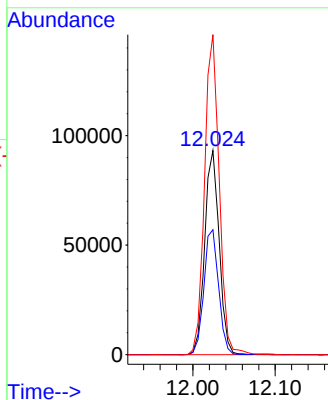
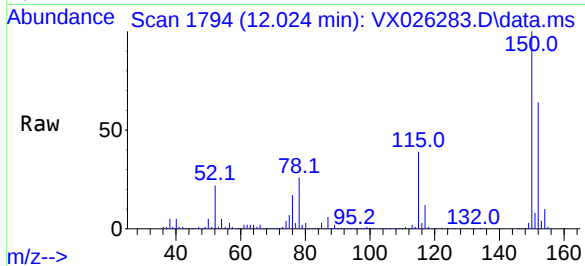




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026283.D
 Acq: 04 Jan 2022 20:05

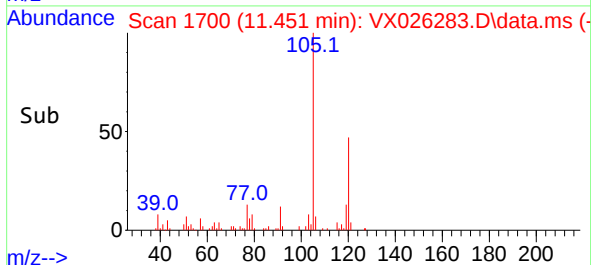
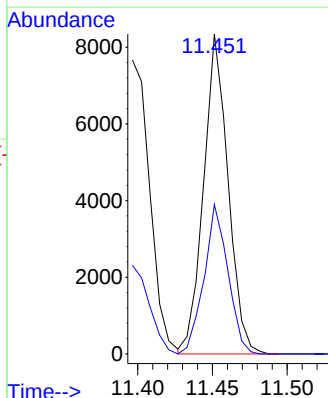
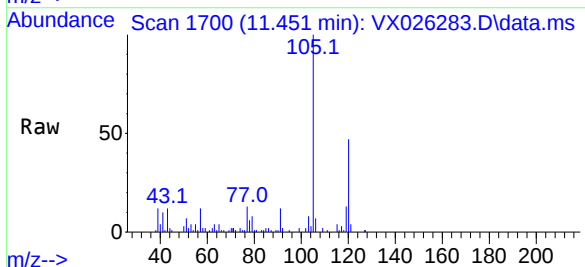
Instrument :
 MSVOA_X
 ClientSampleId :
 KEAR-SB

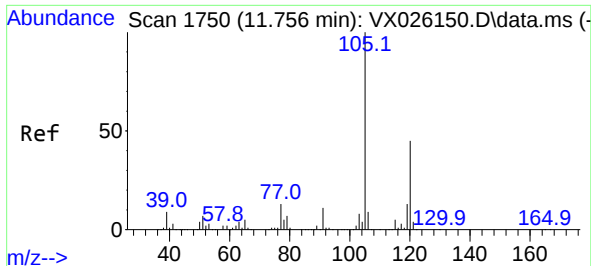
Tgt Ion:152 Resp: 114211
 Ion Ratio Lower Upper
 152 100
 115 62.1 41.3 123.9
 150 158.6 0.0 351.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.291 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026283.D
 Acq: 04 Jan 2022 20:05

Tgt Ion:105 Resp: 9509
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.9 74.7

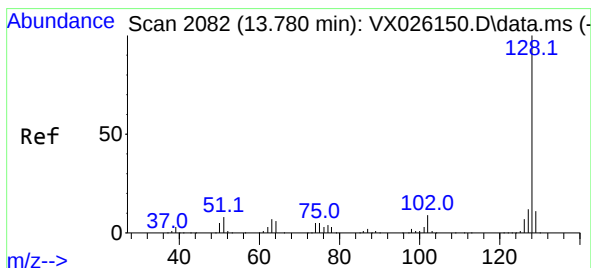
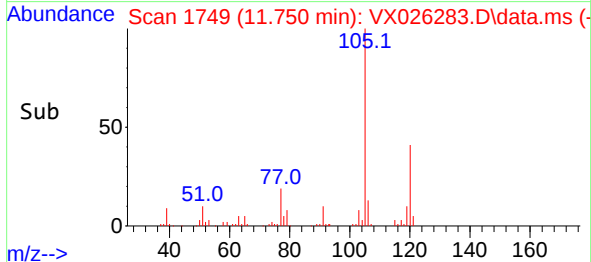
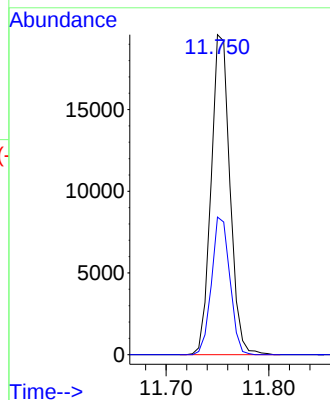
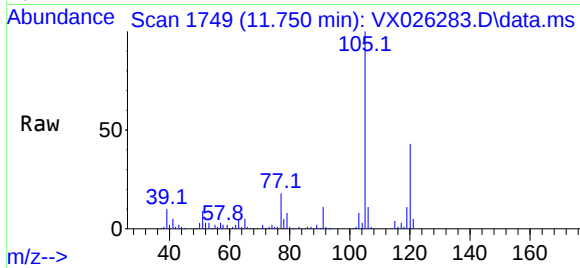




#84
1,2,4-Trimethylbenzene
Concen: 3.393 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
KEAR-SB

Tgt Ion:105 Resp: 24975
Ion Ratio Lower Upper
105 100
120 41.7 22.9 68.7



#95
Naphthalene
Concen: 8.452 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX026283.D
Acq: 04 Jan 2022 20:05

Tgt Ion:128 Resp: 74604
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

