

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031529.D
 Acq On : 21 Sep 2022 17:03
 Operator : JC/MD
 Sample : N4614-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:14:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84564	55.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.880%
35) Dibromofluoromethane	5.385	113	70451	49.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.653	98	302573	55.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.080%
62) 4-Bromofluorobenzene	11.085	95	119067	63.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.900%#
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	533	0.209	ug/l	88
6) Chloroethane	1.733	64	159	Below Cal	#	43
11) Tert butyl alcohol	2.989	59	9323	Below Cal	#	73
13) Acrolein	2.209	56	2791	5.710	ug/l #	1
14) Allyl chloride	2.782	41	43303	20.686	ug/l #	22
15) Acrylonitrile	3.099	53	7063	8.874	ug/l #	38
16) Acetone	2.386	43	12179	7.090	ug/l	98
18) Methyl Acetate	2.776	43	70799	31.325	ug/l #	52
19) Methyl tert-butyl Ether	3.117	73	69234	14.912	ug/l #	1
20) Methylene Chloride	2.721	84	1723	Below Cal	#	15
22) Diisopropyl ether	3.758	45	6240	1.376	ug/l #	81
23) Vinyl Acetate	3.758	43	6350	1.638	ug/l #	71
25) 2-Butanone	4.574	43	12908	11.054	ug/l	90
26) 2,2-Dichloropropane	4.300	77	3419	1.511	ug/l #	54
27) cis-1,2-Dichloroethene	4.489	96	393	0.225	ug/l	81
30) Chloroform	5.166	83	7208	2.565	ug/l #	27
31) Cyclohexane	5.477	56	141907	63.259	ug/l	94
36) 1,1-Dichloropropene	5.556	75	6258	2.854	ug/l #	50
37) Ethyl Acetate	4.788	43	747	0.286	ug/l #	1
38) Carbon Tetrachloride	5.562	117	7886	3.244	ug/l #	17
39) Methylcyclohexane	7.379	83	163626	60.638	ug/l	97
40) Benzene	6.050	78	6974538	1066.008	ug/l	94
41) Methacrylonitrile	4.946	41	1387	1.065	ug/l #	23
42) 1,2-Dichloroethane	6.050	62	70841	29.375	ug/l #	75
43) Isopropyl Acetate	6.367	43	4899	1.218	ug/l #	61
45) 1,2-Dichloropropane	7.373	63	2339	1.422	ug/l #	1
47) Bromodichloromethane	7.769	83	1112	0.467	ug/l #	92
48) Methyl methacrylate	7.659	41	21751	11.840	ug/l #	54
51) 4-Methyl-2-Pentanone	8.574	43	900	0.348	ug/l #	63
52) Toluene	8.720	92	96819	22.690	ug/l	100
55) 1,1,2-Trichloroethane	9.208	97	693	0.394	ug/l #	33
56) Ethyl methacrylate	9.104	69	4316	1.726	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.190	63	188	0.353	ug/l #	46
59) 2-Hexanone	9.452	43	4725	2.433	ug/l	77
65) Chlorobenzene	10.086	112	3986	1.000	ug/l	100
67) Ethyl Benzene	10.201	91	5658492	804.148	ug/l #	85

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

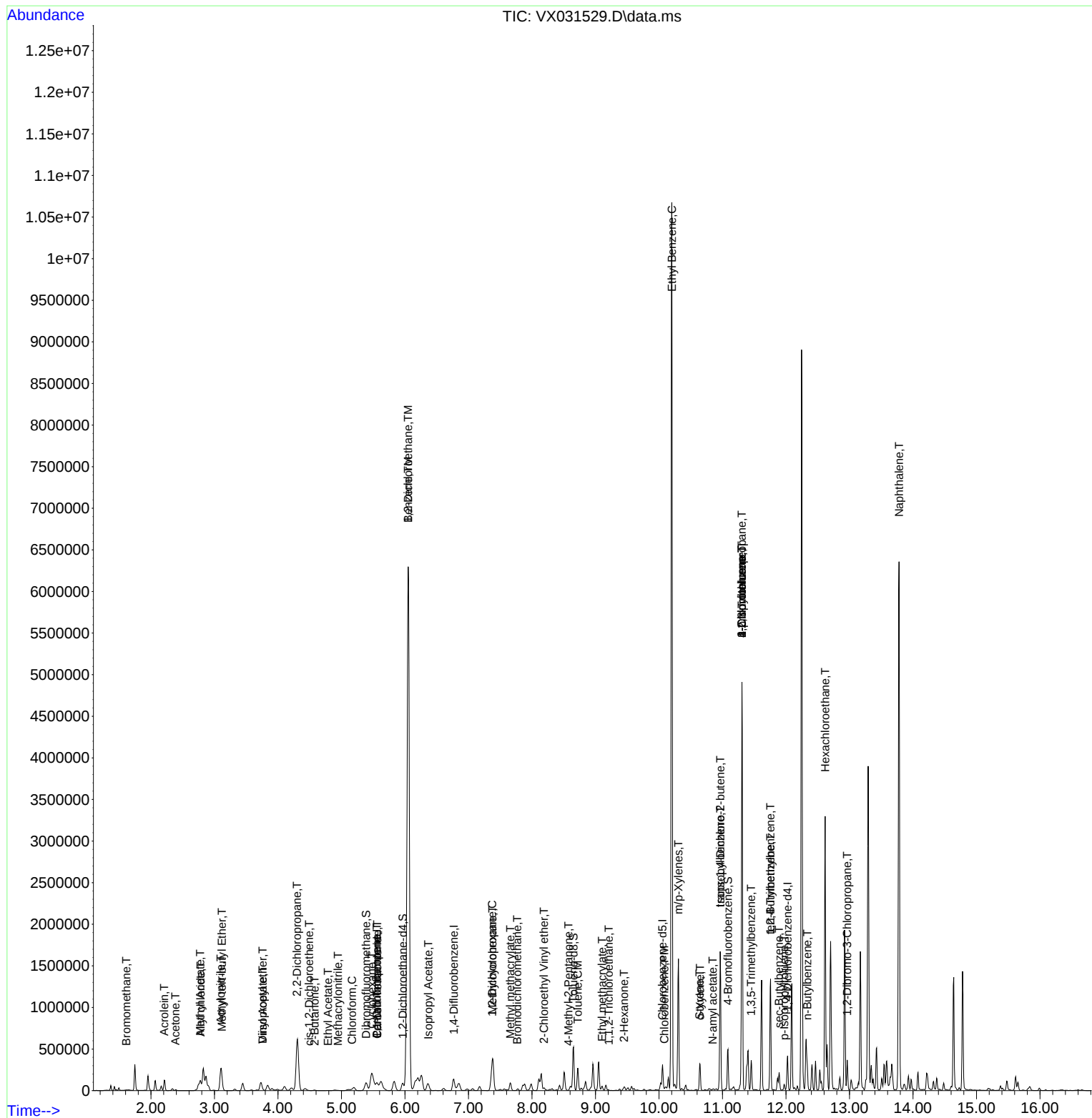
68) m/p-Xylenes	10.305	106	349671	123.654	ug/l	98
69) o-Xylene	10.647	106	69346	25.692	ug/l	99
70) Styrene	10.640	104	3617	0.814	ug/l #	1
73) Isopropylbenzene	10.964	105	815750	138.883	ug/l	100
74) N-amyl acetate	10.848	43	875	0.368	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.226	83	234	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.305	75	17276	9.841	ug/l #	1
78) n-propylbenzene	11.305	91	2709622	400.980	ug/l	95
79) 2-Chlorotoluene	11.305	91	2709622	673.663	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	145810	29.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.964	75	10341	18.967	ug/l #	70
82) 4-Chlorotoluene	11.305	91	2709622	574.034	ug/l #	44
83) tert-Butylbenzene	11.756	119	67812	14.036	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.756	105	558269	113.721	ug/l	97
85) sec-Butylbenzene	11.890	105	104461	17.085	ug/l	98
86) p-Isopropyltoluene	11.969	119	28846	5.587	ug/l #	75
89) n-Butylbenzene	12.335	91	170057	38.668	ug/l #	60
90) Hexachloroethane	12.616	117	133359	150.324	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1000	2.478	ug/l #	3
95) Naphthalene	13.780	128	4167555	739.107	ug/l	97

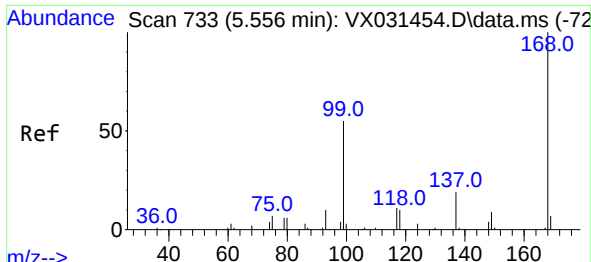
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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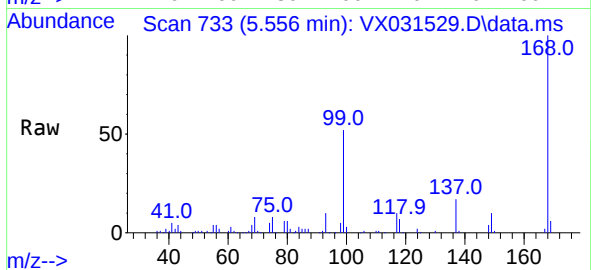
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
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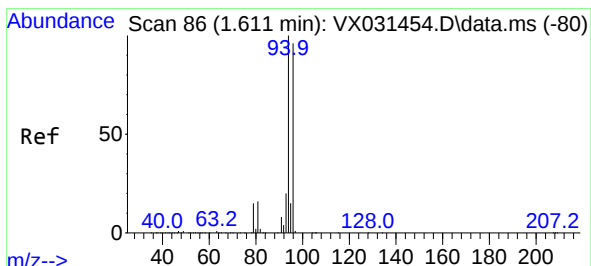
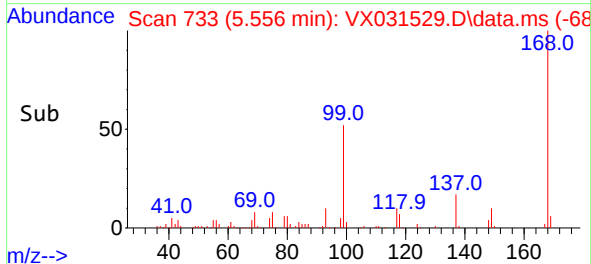
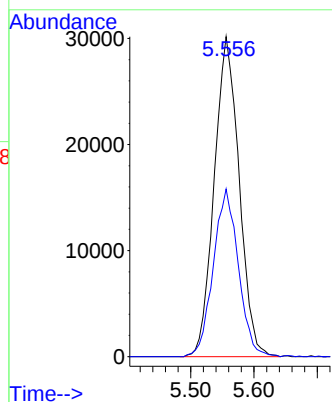


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031529.D
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Instrument :
MSVOA_X
ClientSampleId :

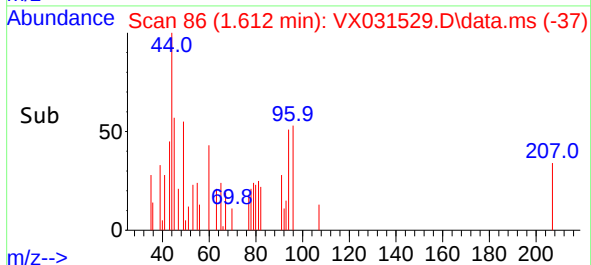
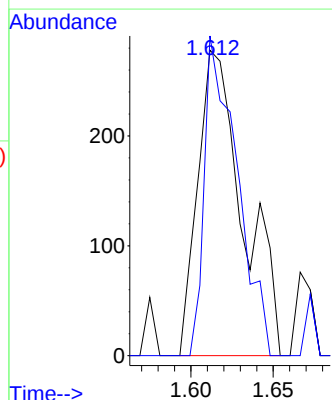
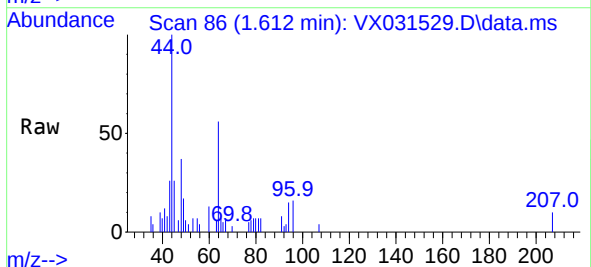


Tgt Ion:168 Resp: 82471
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2

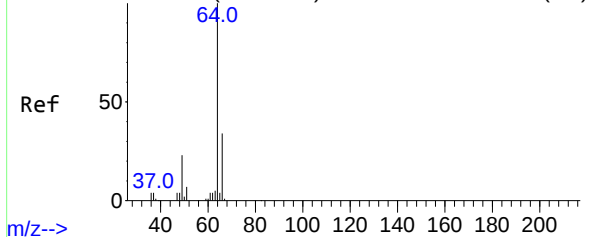


#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 94 Resp: 533
Ion Ratio Lower Upper
94 100
96 104.7 74.4 111.6



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)

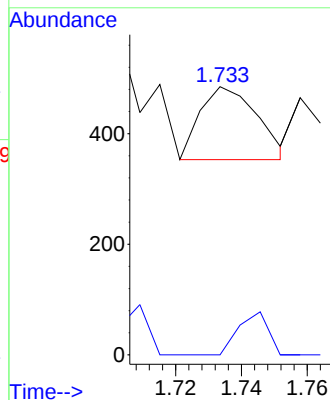
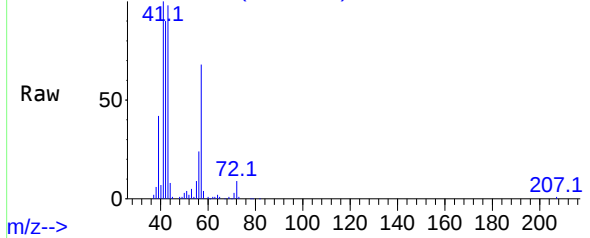


#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.048 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

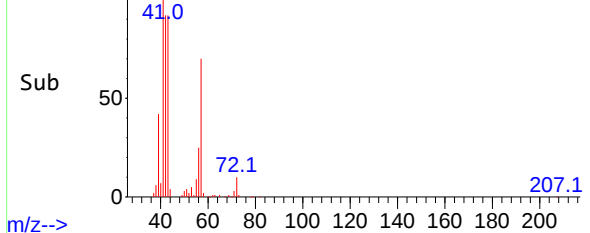
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

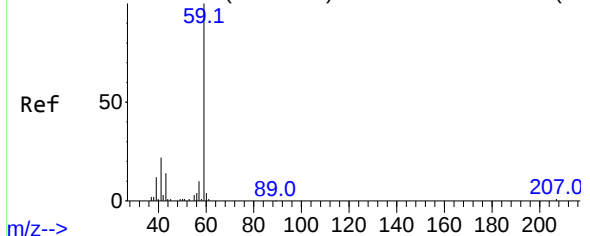
Abundance Scan 106 (1.733 min): VX031529.D\data.ms



Abundance Scan 106 (1.733 min): VX031529.D\data.ms (-49)



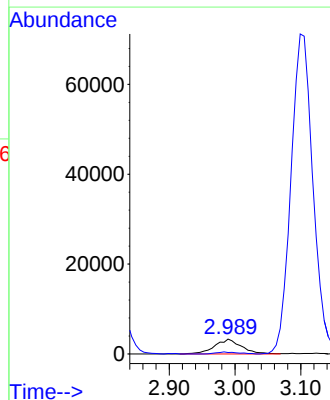
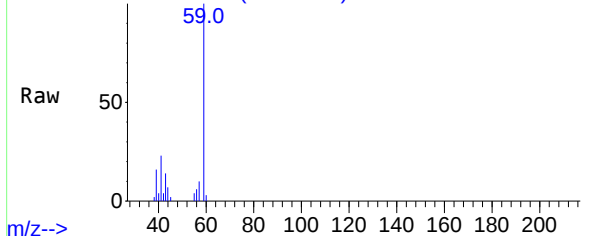
Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



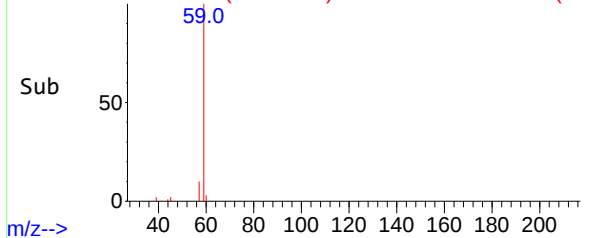
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

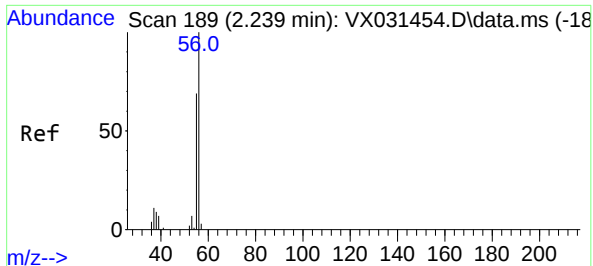
Tgt Ion: 59 Resp: 9323
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

Abundance Scan 312 (2.989 min): VX031529.D\data.ms



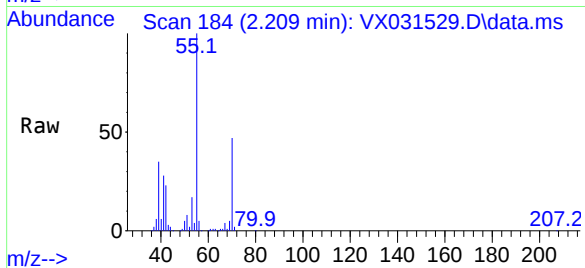
Abundance Scan 312 (2.989 min): VX031529.D\data.ms (-26)



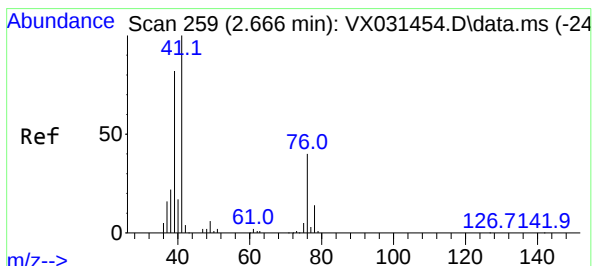
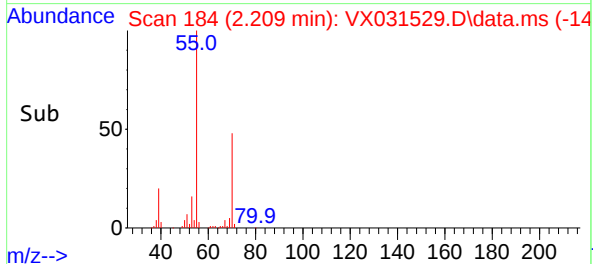
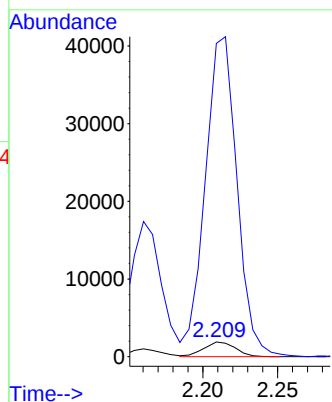


#13
Acrolein
Concen: 5.710 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

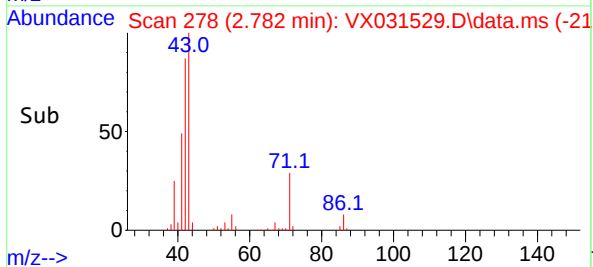
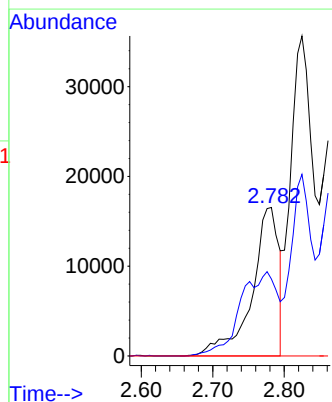
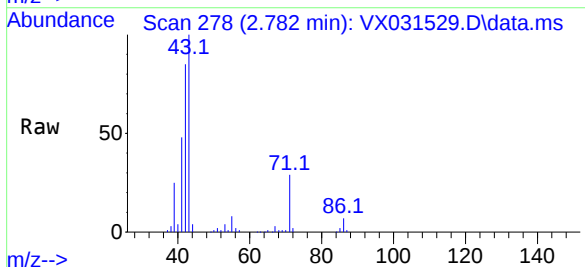


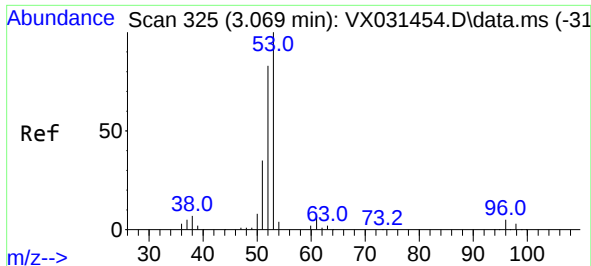
Tgt Ion: 56 Resp: 2791
Ion Ratio Lower Upper
56 100
55 2183.3 56.0 84.0#



#14
Allyl chloride
Concen: 20.686 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.116 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 41 Resp: 43303
Ion Ratio Lower Upper
41 100
39 0.0 58.2 87.4#
76 0.0 26.9 40.3#

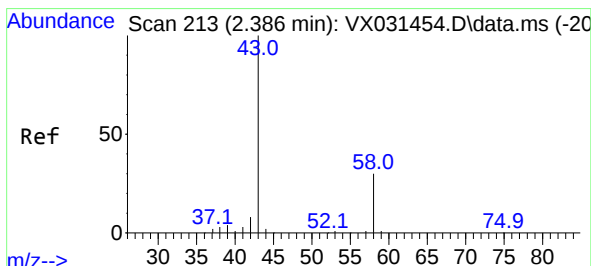
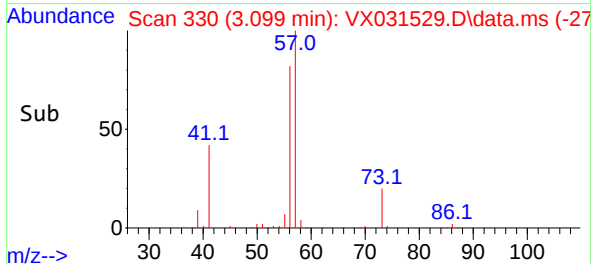
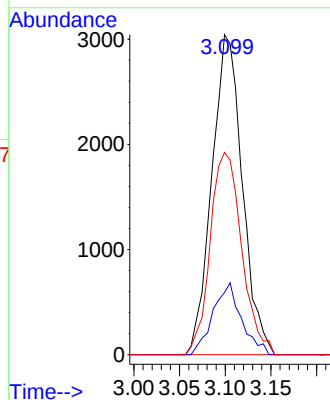
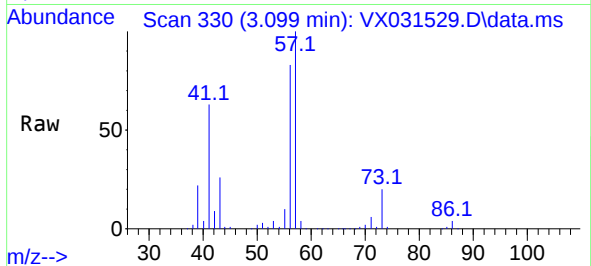




#15
Acrylonitrile
Concen: 8.874 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.030 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

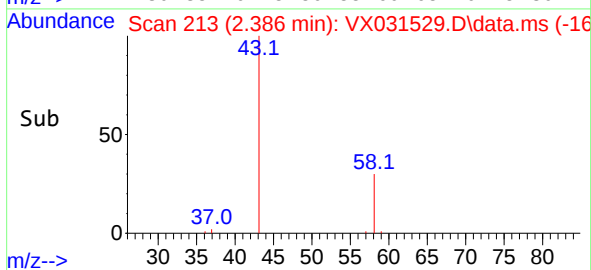
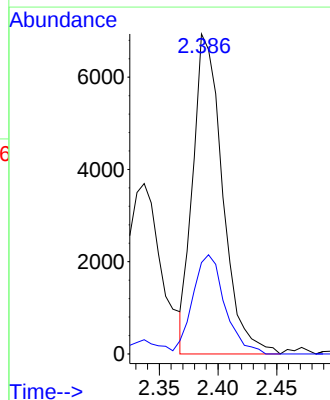
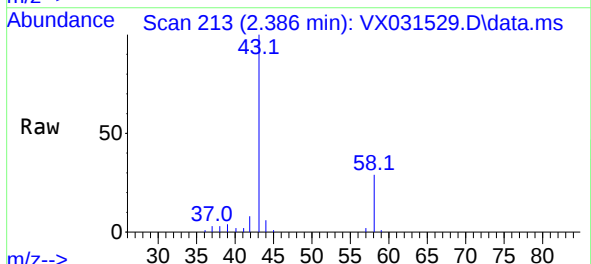
Instrument :
MSVOA_X
ClientSampleId :

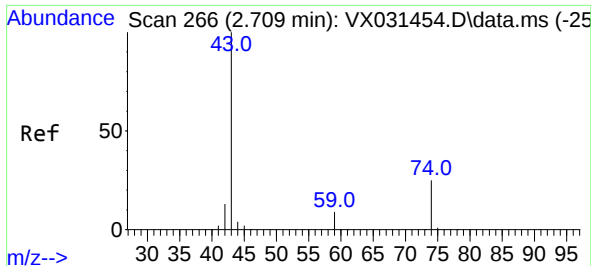
Tgt Ion: 53 Resp: 7063
Ion Ratio Lower Upper
53 100
52 21.0 66.9 100.3#
51 65.3 30.0 45.0#



#16
Acetone
Concen: 7.090 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 43 Resp: 12179
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.8





#18

Methyl Acetate

Concen: 31.325 ug/l

RT: 2.776 min Scan# 21

Delta R.T. 0.067 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

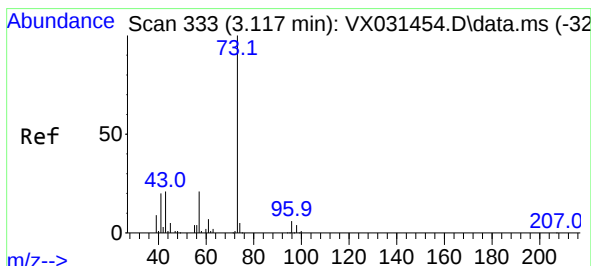
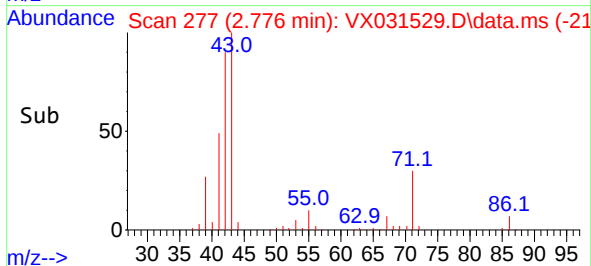
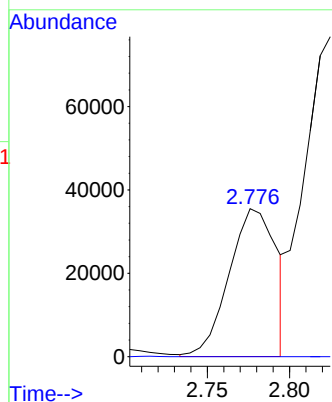
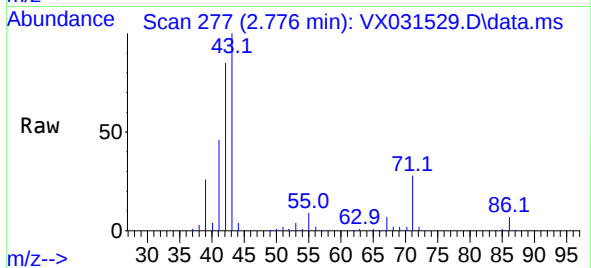
ClientSampleId :

Tgt Ion: 43 Resp: 70799

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 14.912 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX031529.D

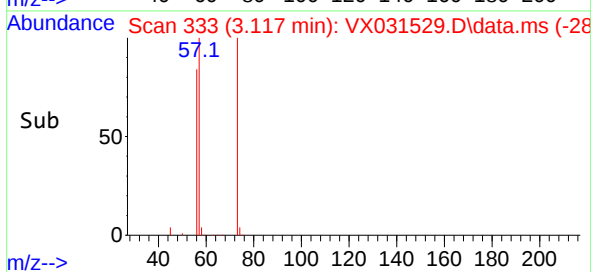
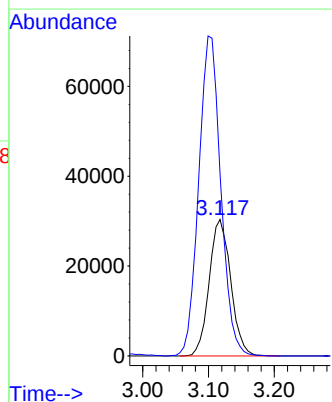
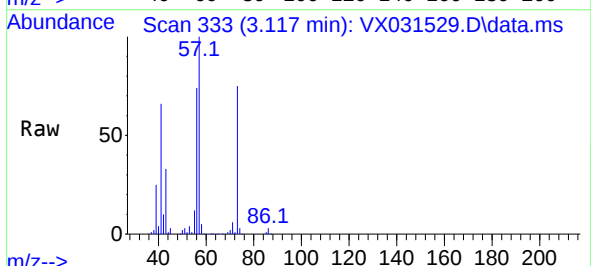
Acq: 21 Sep 2022 17:03

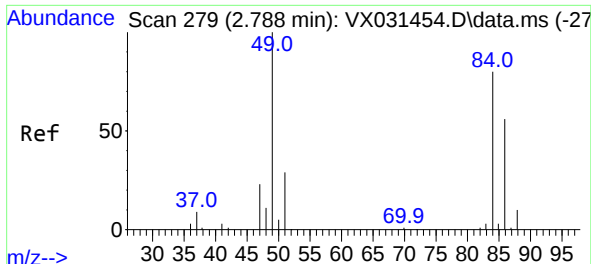
Tgt Ion: 73 Resp: 69234

Ion Ratio Lower Upper

73 100

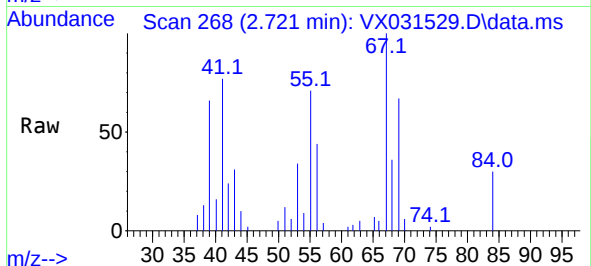
57 133.5 17.2 25.8#





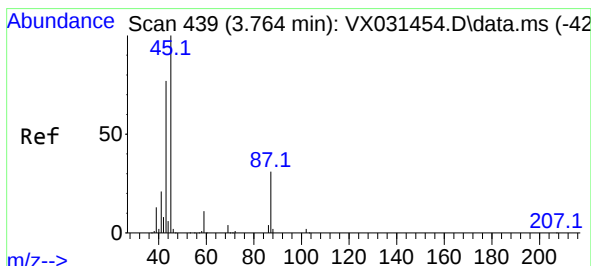
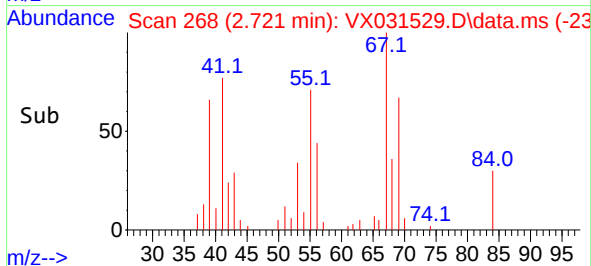
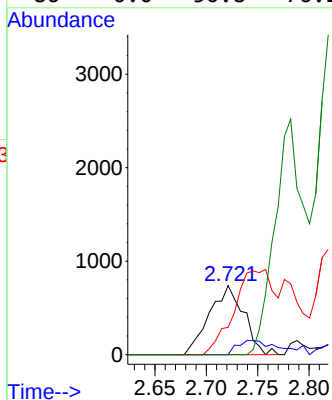
#20
Methylene Chloride
Concen: Below Cal
RT: 2.721 min Scan# 2
Delta R.T. -0.067 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1723

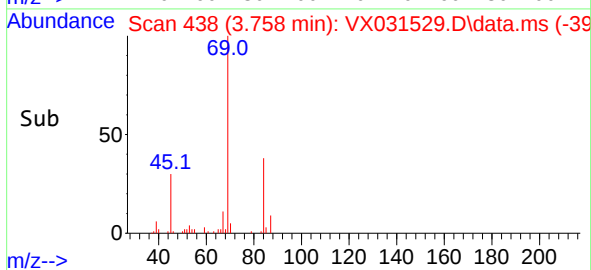
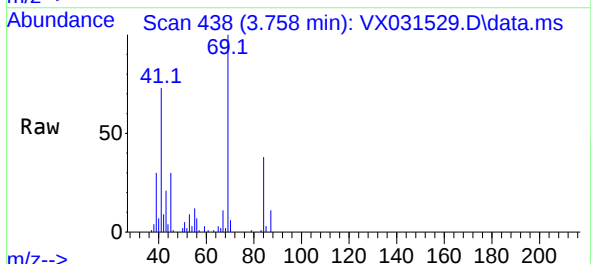
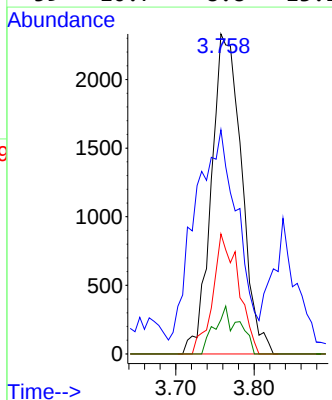
Ion	Ratio	Lower	Upper
84	100		
49	0.0	105.9	158.9#
51	39.5	32.2	48.2
86	0.0	50.8	76.2#

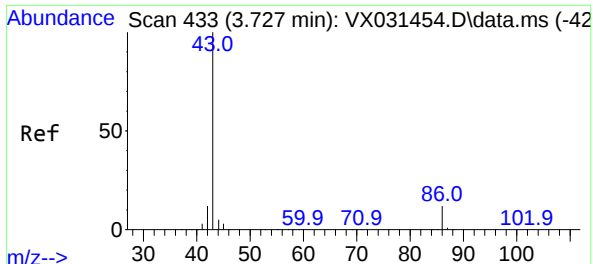


#22
Diisopropyl ether
Concen: 1.376 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 45 Resp: 6240

Ion	Ratio	Lower	Upper
45	100		
43	55.1	59.0	88.6#
87	37.5	22.6	33.8#
59	10.7	8.8	13.2

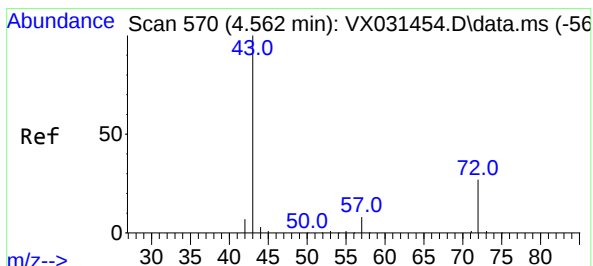
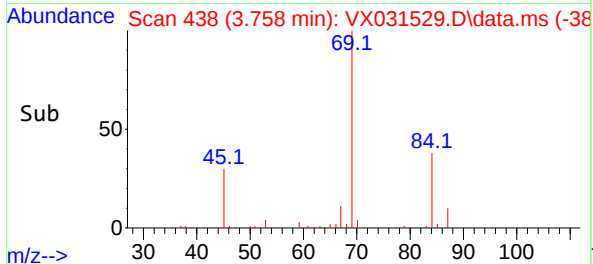
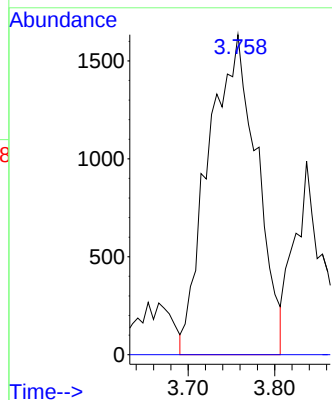
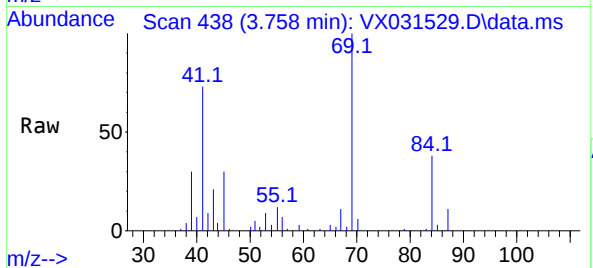




#23
 Vinyl Acetate
 Concen: 1.638 ug/l
 RT: 3.758 min Scan# 41
 Delta R.T. 0.031 min
 Lab File: VX031529.D
 Acq: 21 Sep 2022 17:03

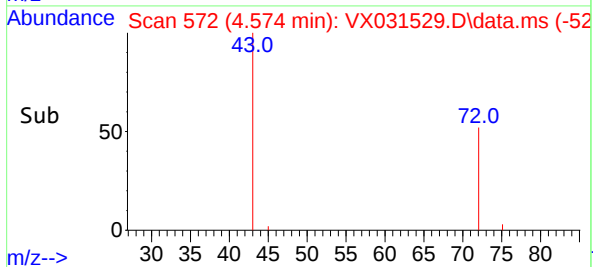
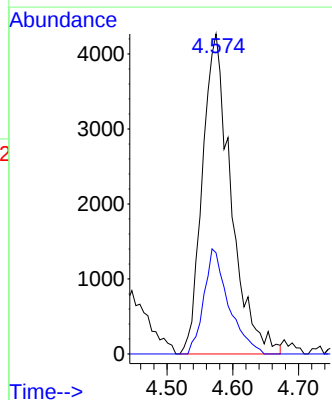
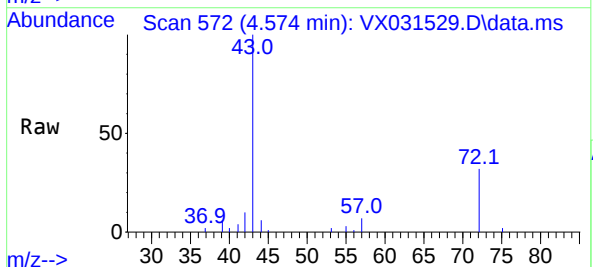
Instrument :
 MSVOA_X
 ClientSampleId :

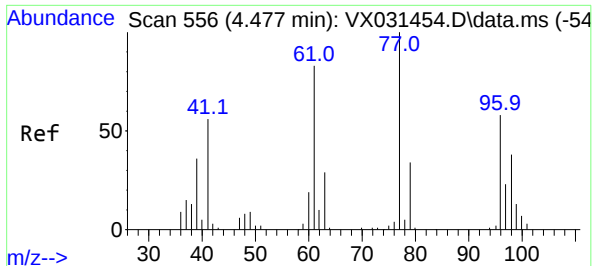
Tgt Ion: 43 Resp: 6350
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#25
 2-Butanone
 Concen: 11.054 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: VX031529.D
 Acq: 21 Sep 2022 17:03

Tgt Ion: 43 Resp: 12908
 Ion Ratio Lower Upper
 43 100
 72 31.6 21.1 31.7

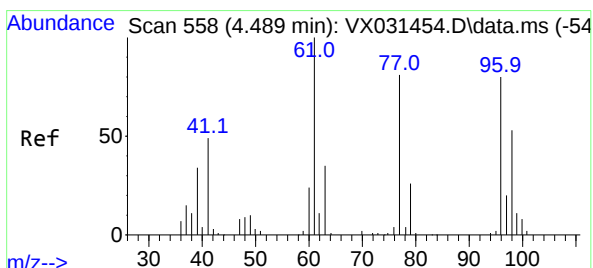
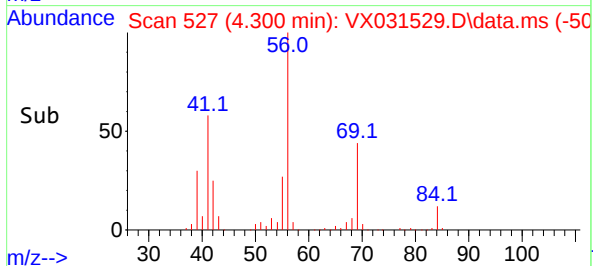
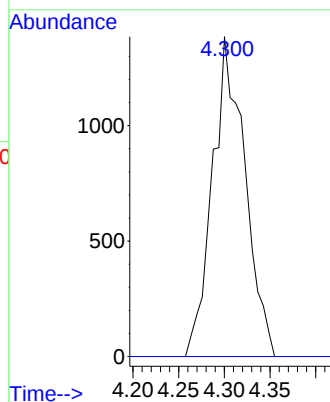
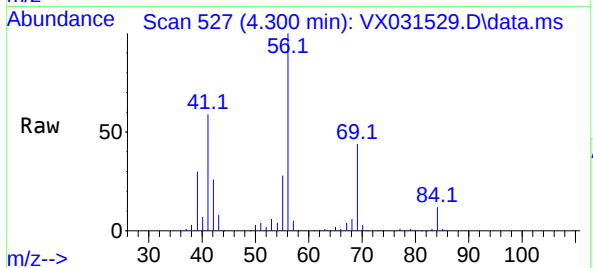




#26
2,2-Dichloropropane
Concen: 1.511 ug/l
RT: 4.300 min Scan# 51
Delta R.T. -0.177 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

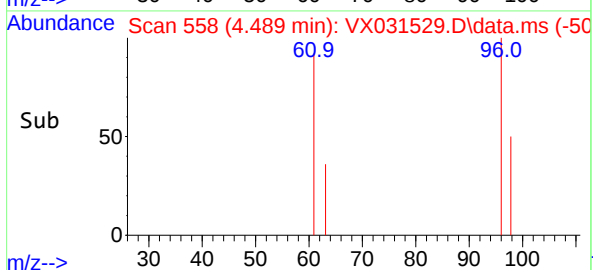
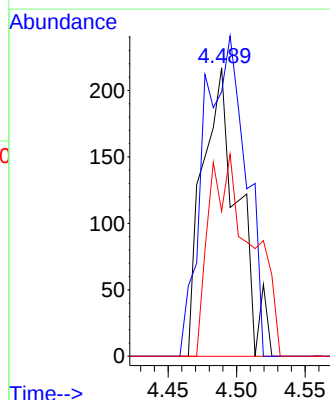
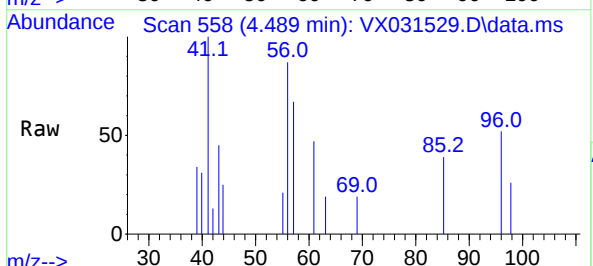
Instrument :
MSVOA_X
ClientSampleId :

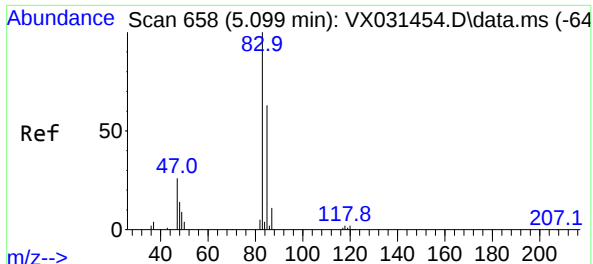
Tgt Ion: 77 Resp: 3419
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.6#



#27
cis-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 96 Resp: 393
Ion Ratio Lower Upper
96 100
61 130.8 0.0 305.2
98 83.0 0.0 128.4





#30

Chloroform

Concen: 2.565 ug/l

RT: 5.166 min Scan# 6

Delta R.T. 0.067 min

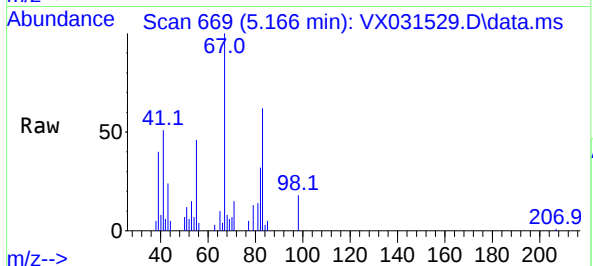
Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

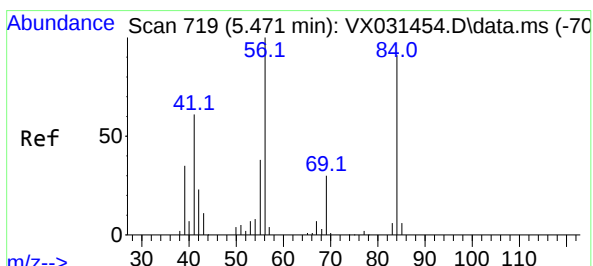
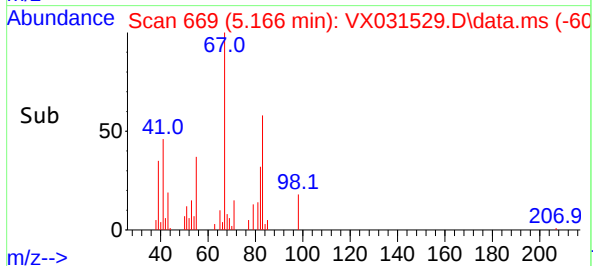
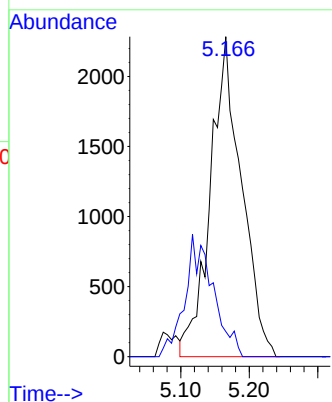


Tgt Ion: 83 Resp: 7208

Ion Ratio Lower Upper

83 100

85 7.8 52.8 79.2#



#31

Cyclohexane

Concen: 63.259 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

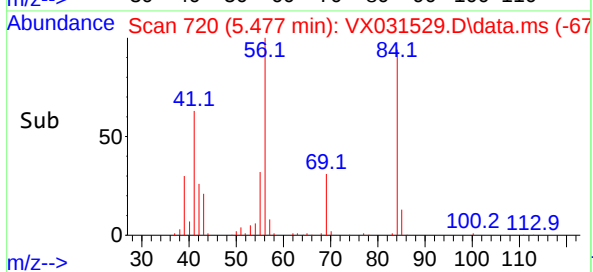
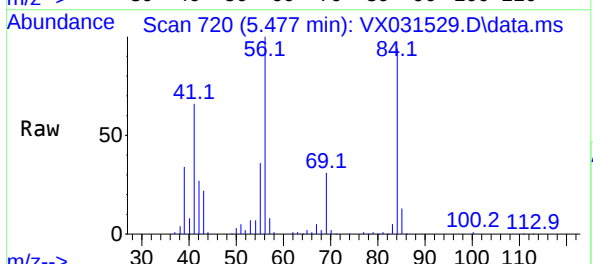
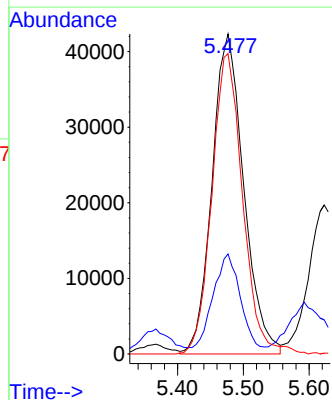
Tgt Ion: 56 Resp: 141907

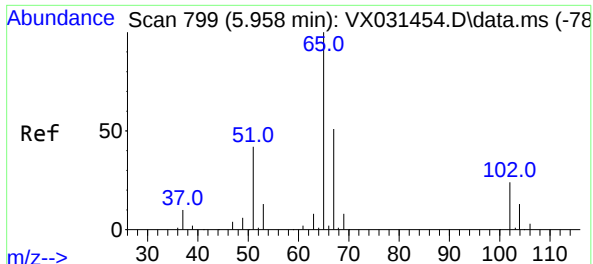
Ion Ratio Lower Upper

56 100

69 28.9 25.1 37.7

84 94.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 55.935 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

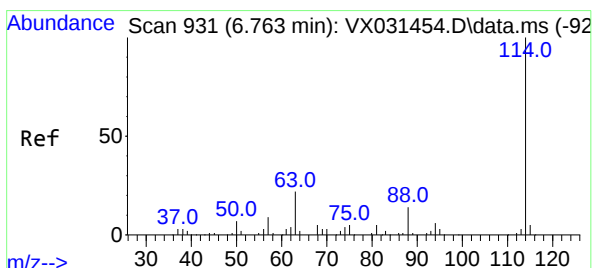
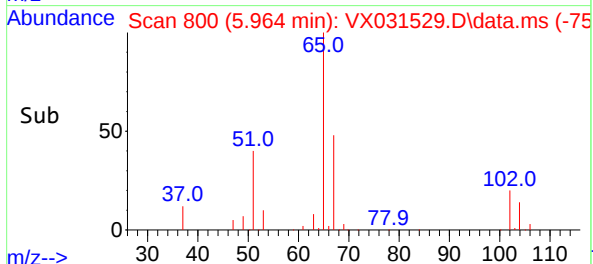
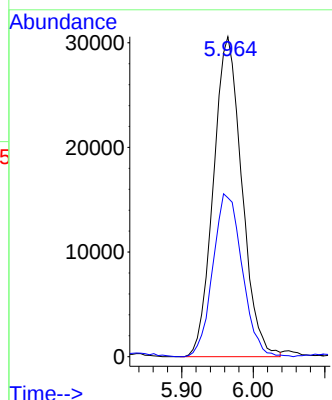
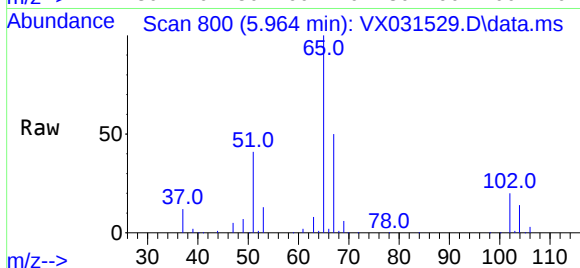
ClientSampleId :

Tgt Ion: 65 Resp: 84564

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

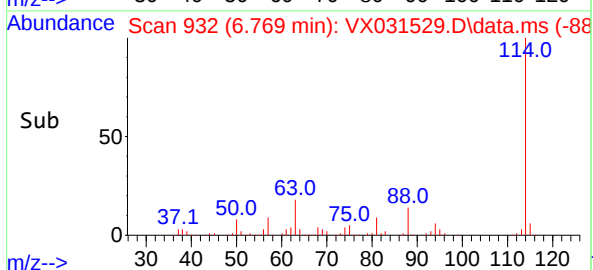
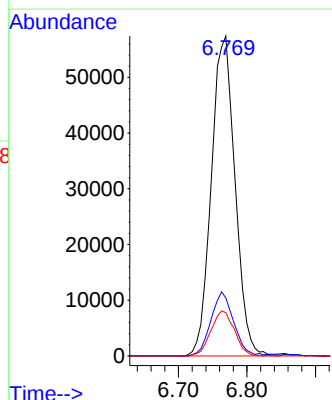
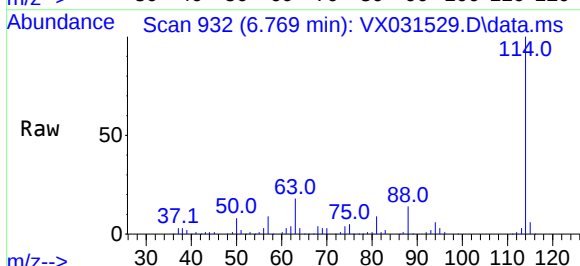
Tgt Ion: 114 Resp: 137970

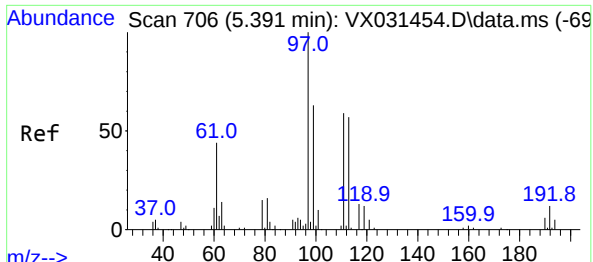
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 13.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

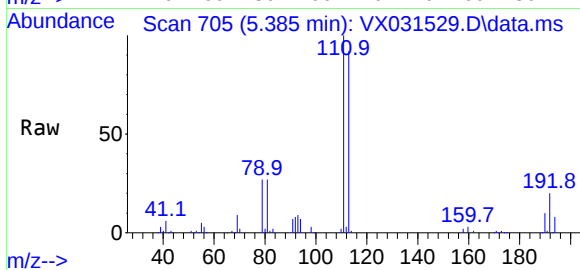
Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :



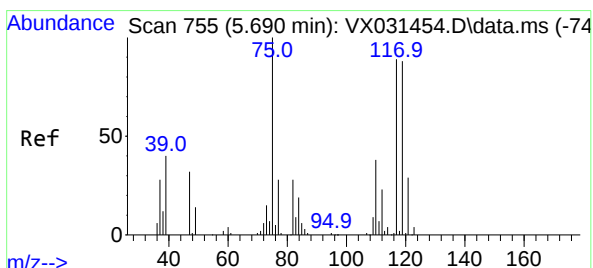
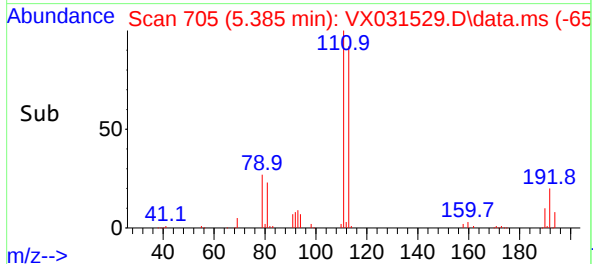
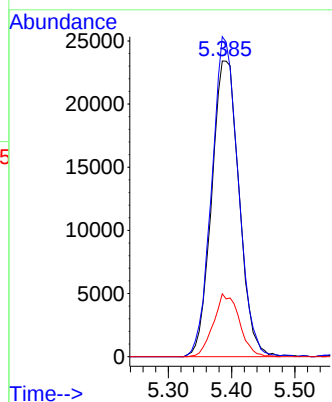
Tgt Ion:113 Resp: 70451

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 20.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 2.854 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

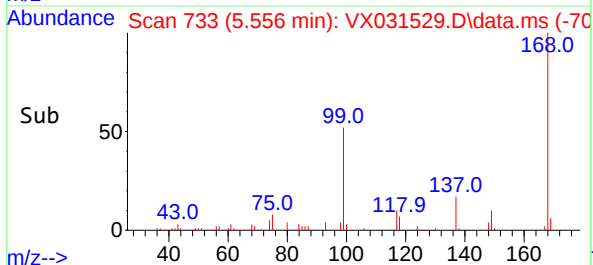
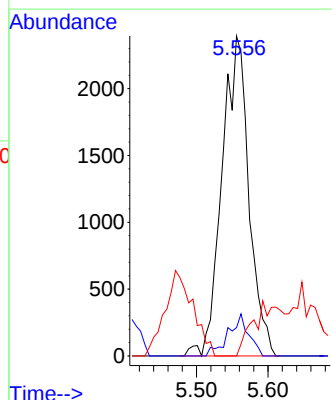
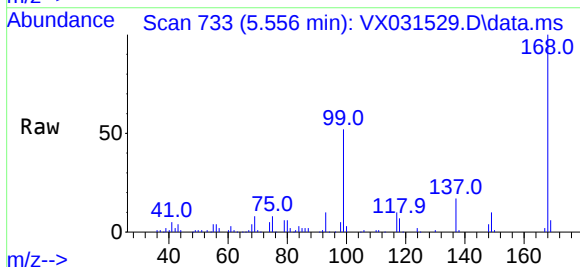
Tgt Ion: 75 Resp: 6258

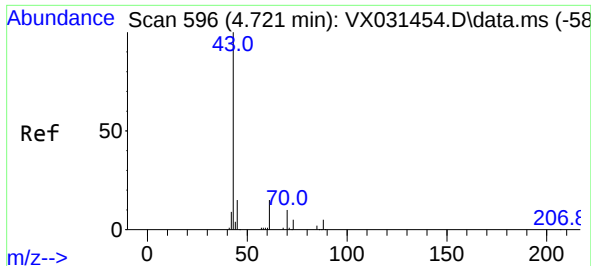
Ion Ratio Lower Upper

75 100

110 9.8 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.286 ug/l

RT: 4.788 min Scan# 607

Delta R.T. 0.067 min

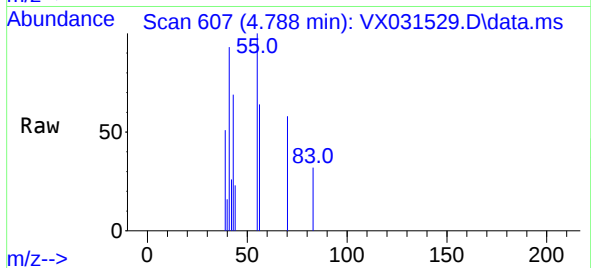
Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

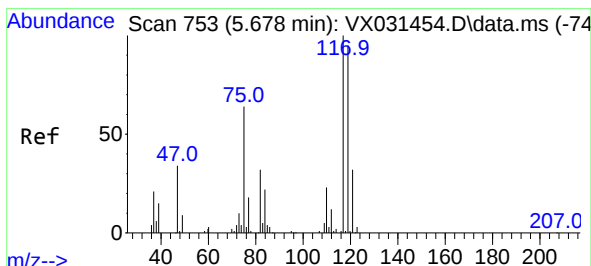
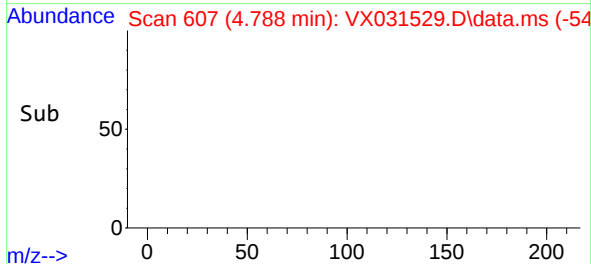
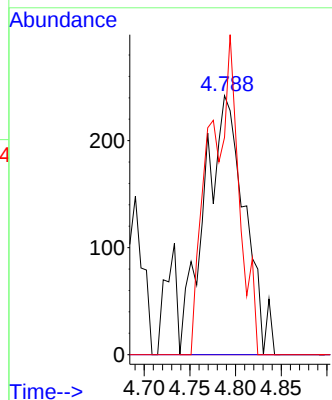
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	747
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	89.3	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 3.244 ug/l

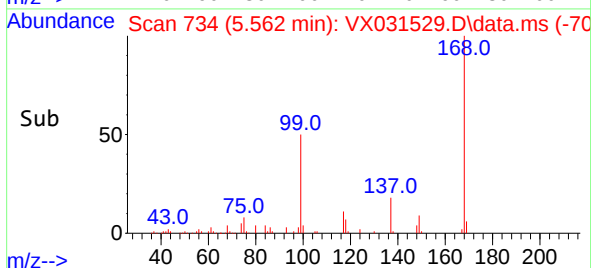
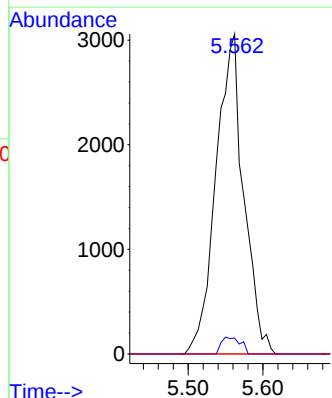
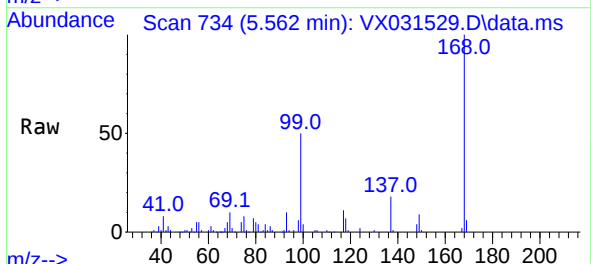
RT: 5.562 min Scan# 734

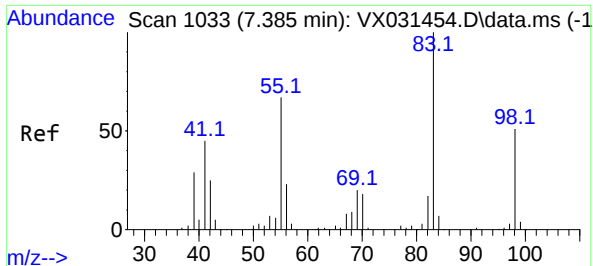
Delta R.T. -0.116 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Tgt Ion:	117	Resp:	7886
Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.6	112.0#
121	0.0	25.3	37.9#





#39

Methylcyclohexane

Concen: 60.638 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

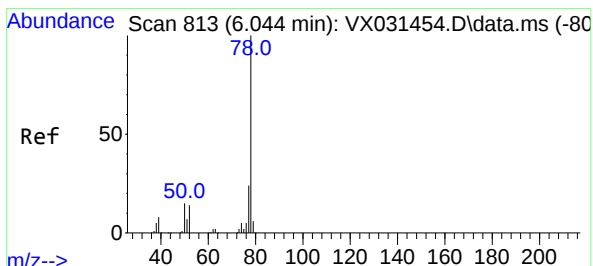
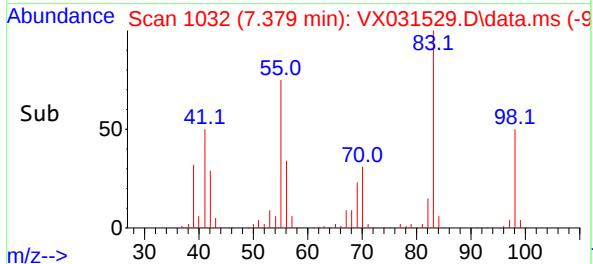
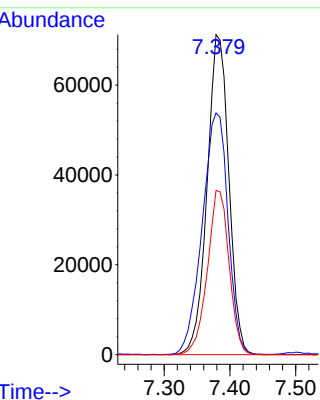
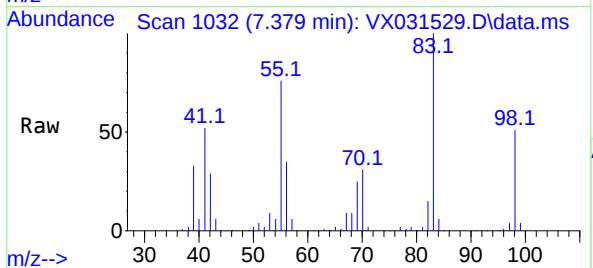
Tgt Ion: 83 Resp: 163626

Ion Ratio Lower Upper

83 100

55 75.5 61.0 91.4

98 51.3 37.7 56.5



#40

Benzene

Concen: 1066.008 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX031529.D

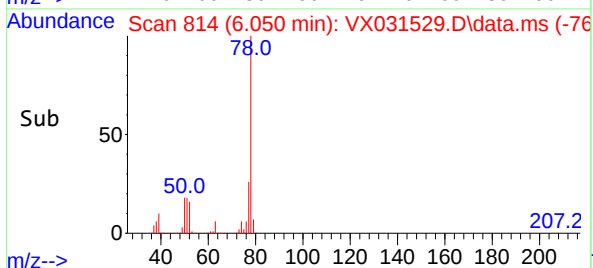
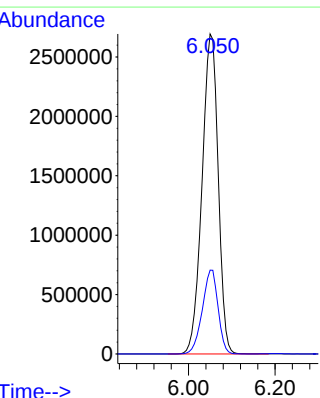
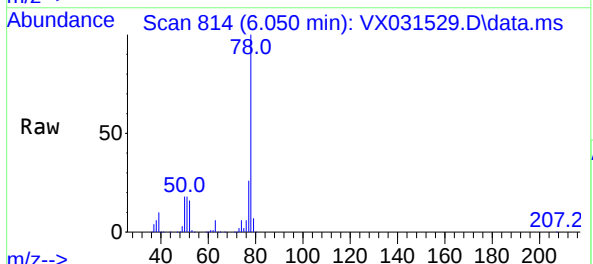
Acq: 21 Sep 2022 17:03

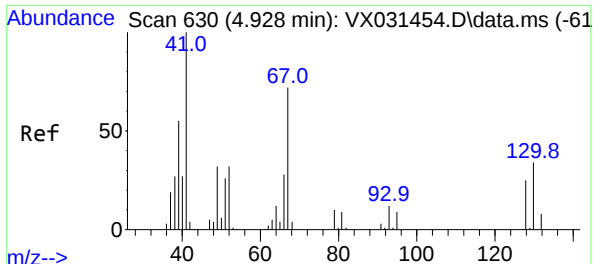
Tgt Ion: 78 Resp: 6974538

Ion Ratio Lower Upper

78 100

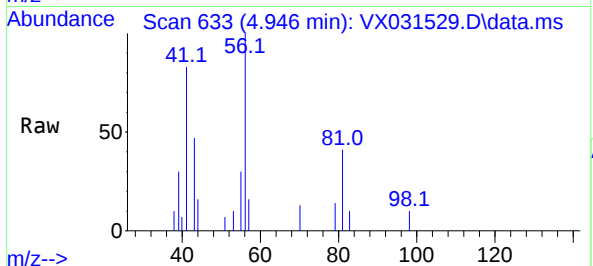
77 26.2 18.7 28.1



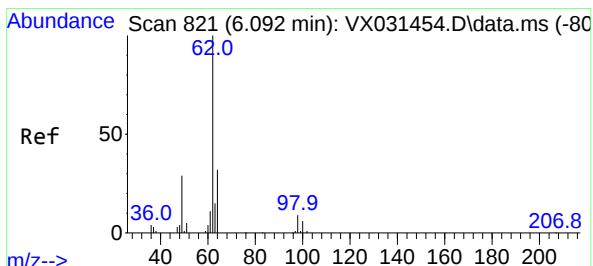
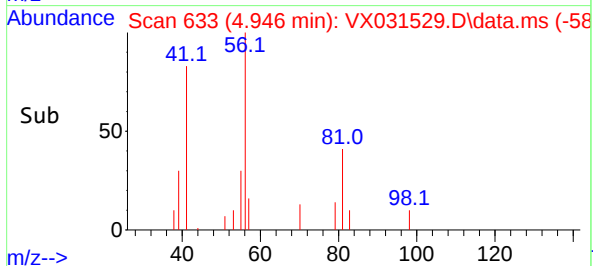
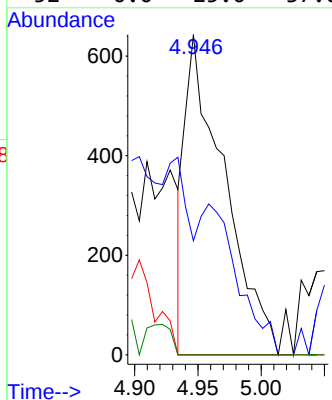


#41
Methacrylonitrile
Concen: 1.065 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

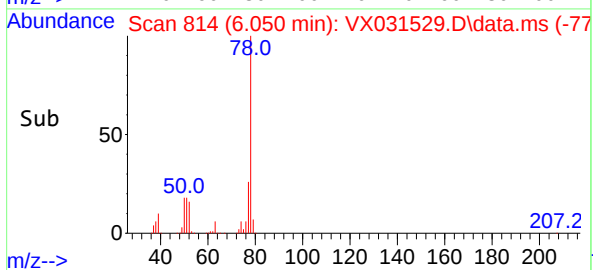
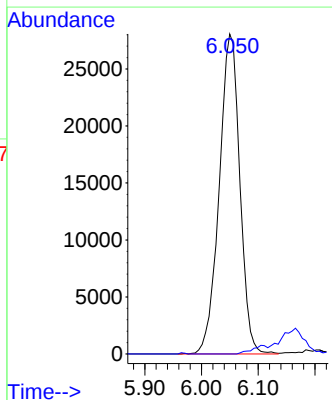
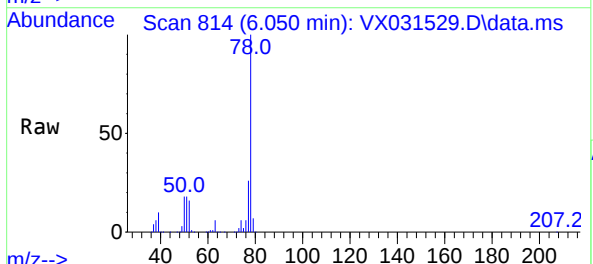


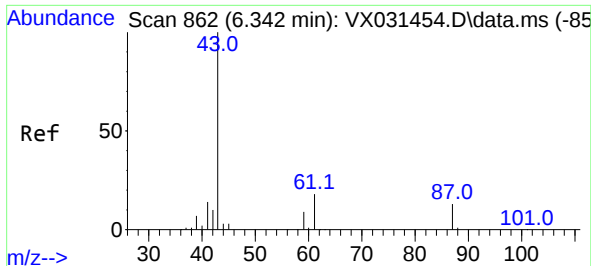
Tgt Ion: 41 Resp: 1387
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
67 0.0 58.2 87.4#
52 0.0 25.0 37.6#



#42
1,2-Dichloroethane
Concen: 29.375 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.042 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

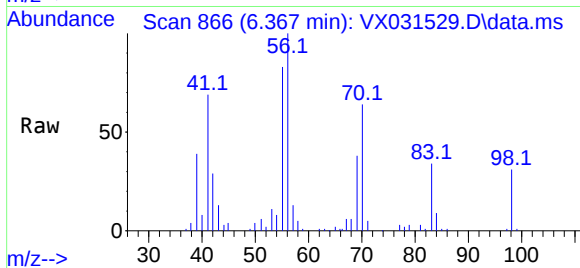
Tgt Ion: 62 Resp: 70841
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8



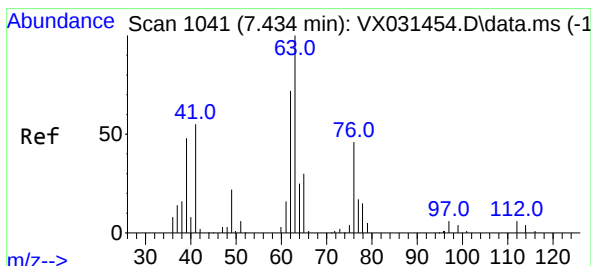
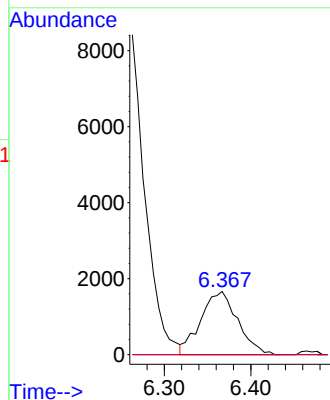
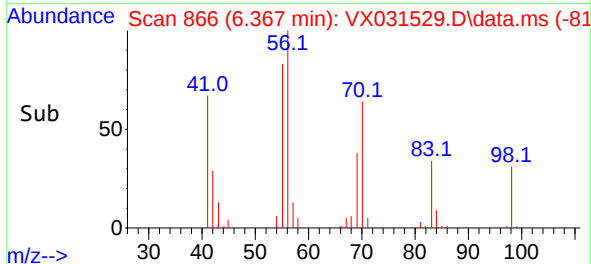


#43
Isopropyl Acetate
Concen: 1.218 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.025 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

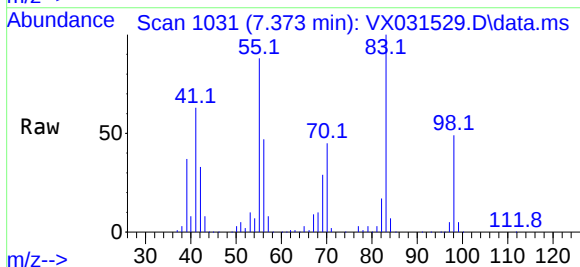
Instrument :
MSVOA_X
ClientSampleId :



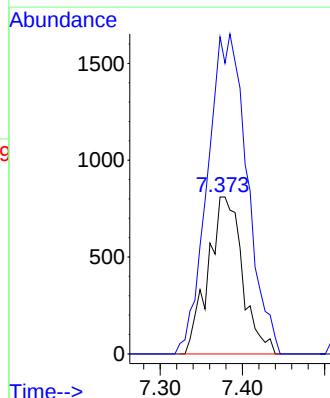
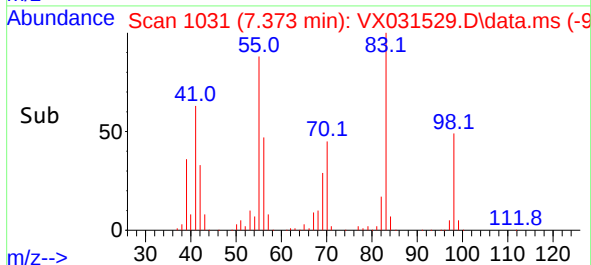
Tgt Ion: 43 Resp: 4899
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.6 15.8#

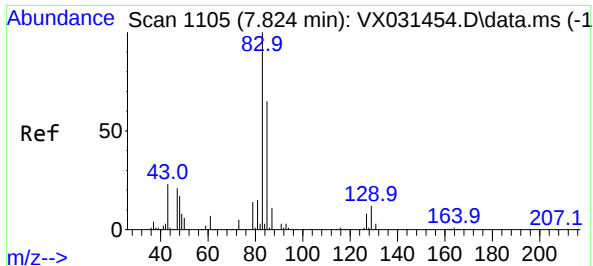


#45
1,2-Dichloropropane
Concen: 1.422 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.061 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03



Tgt Ion: 63 Resp: 2339
Ion Ratio Lower Upper
63 100
65 202.1 26.6 39.8#





#47

Bromodichloromethane

Concen: 0.467 ug/l

RT: 7.769 min Scan# 1105

Delta R.T. -0.055 min

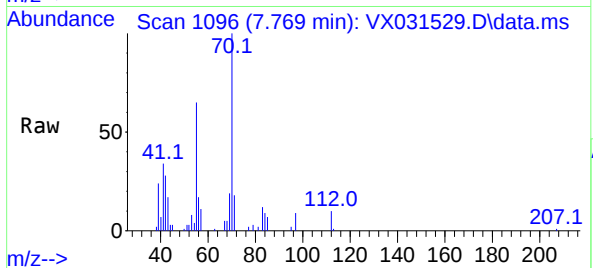
Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

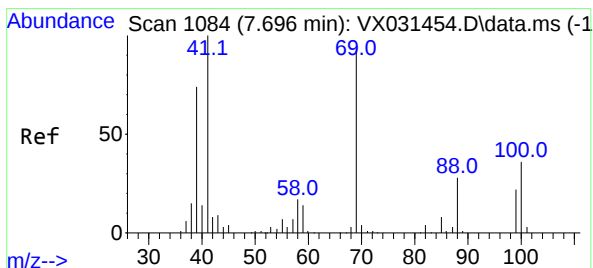
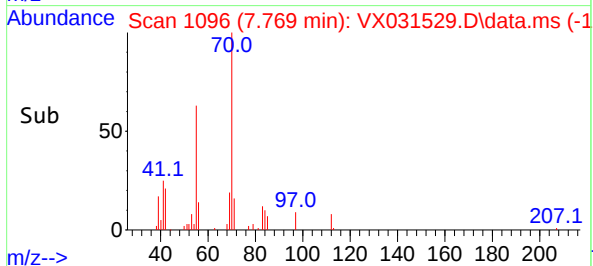
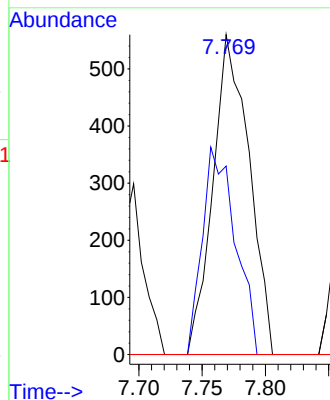
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	83	Resp:	1112
Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.0	76.6
127	0.0	7.0	10.6#



#48

Methyl methacrylate

Concen: 11.840 ug/l

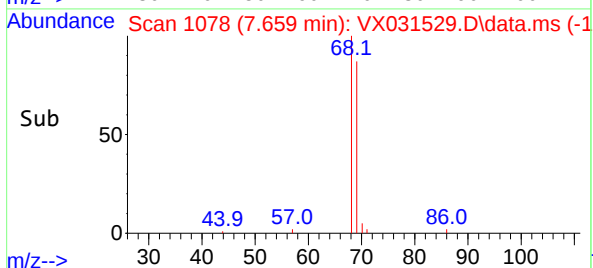
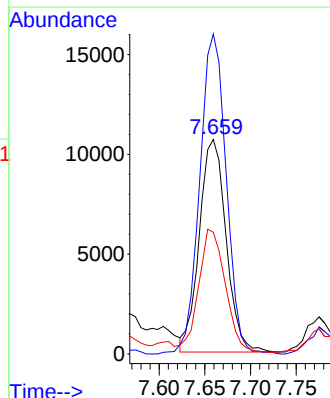
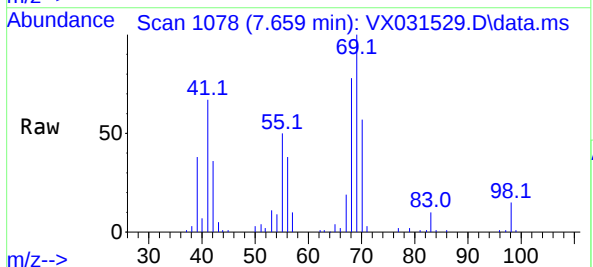
RT: 7.659 min Scan# 1078

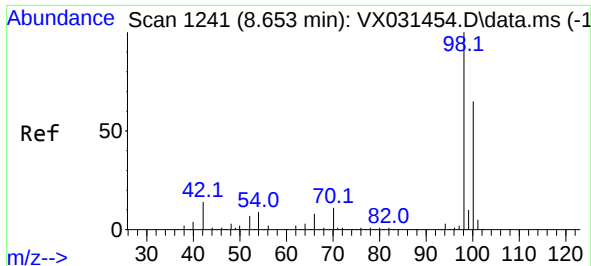
Delta R.T. -0.037 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Tgt Ion:	41	Resp:	21751
Ion	Ratio	Lower	Upper
41	100		
69	148.3	64.6	96.8#
39	57.9	51.4	77.0

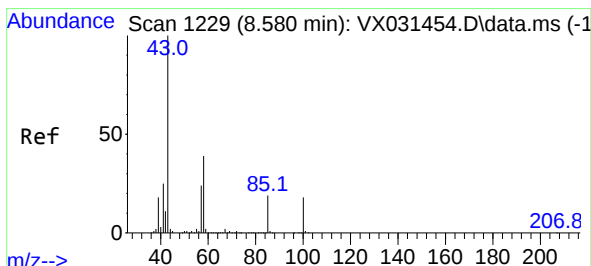
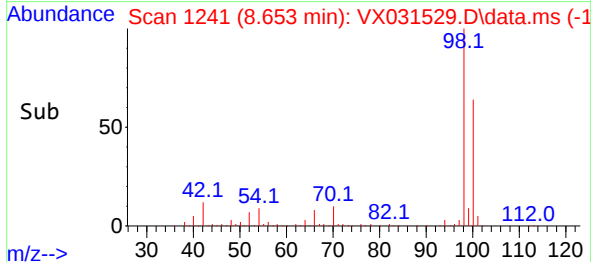
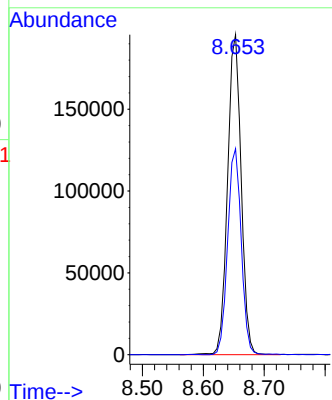
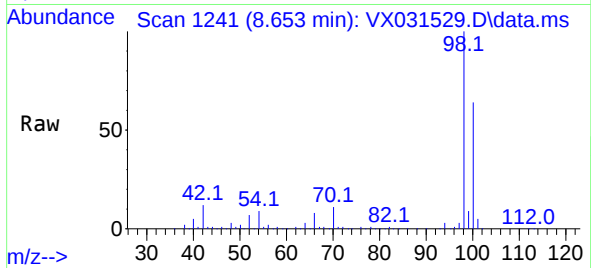




#50
Toluene-d8
Concen: 55.045 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

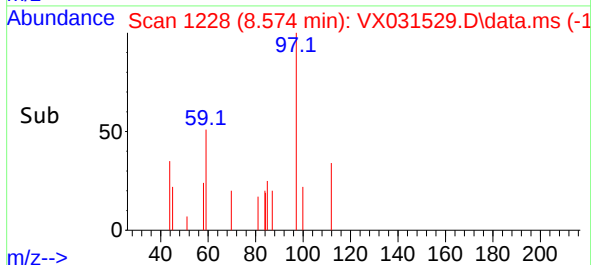
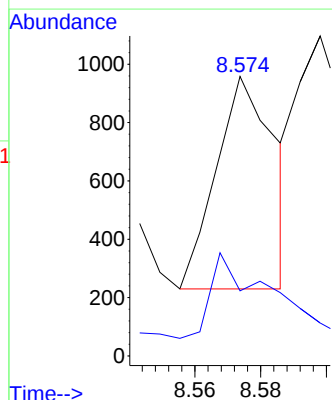
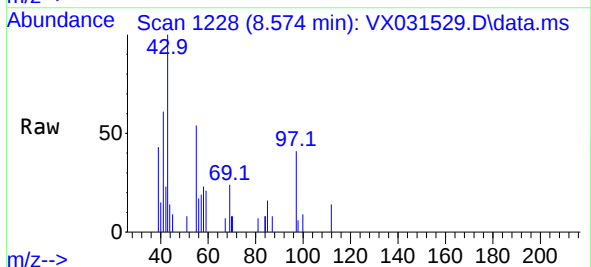
Instrument :
MSVOA_X
ClientSampleId :

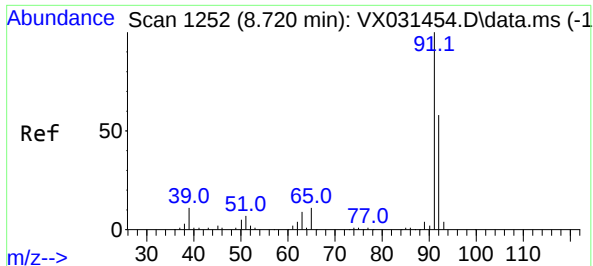
Tgt Ion: 98 Resp: 302573
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.348 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 60.7 30.6 46.0#

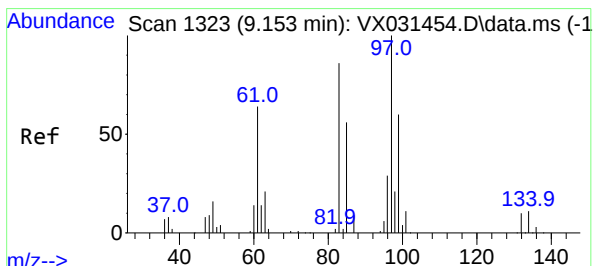
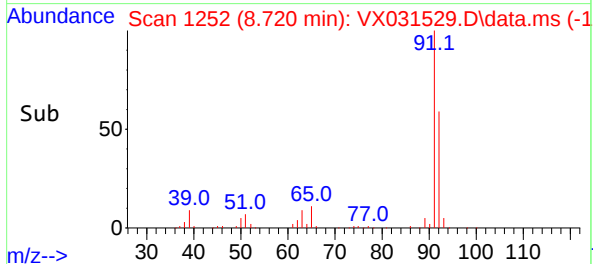
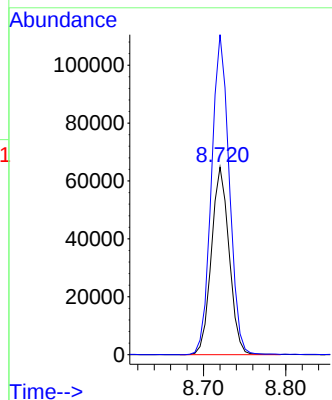
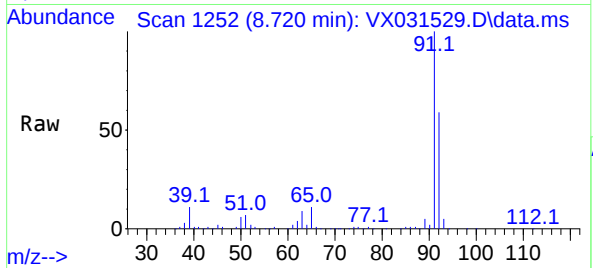




#52
Toluene
Concen: 22.690 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

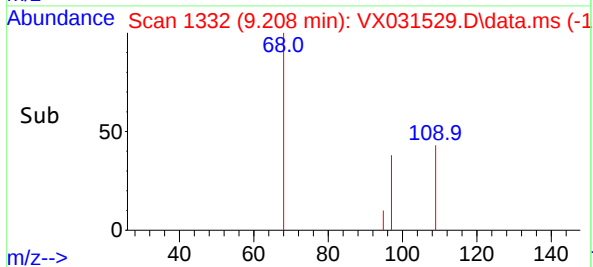
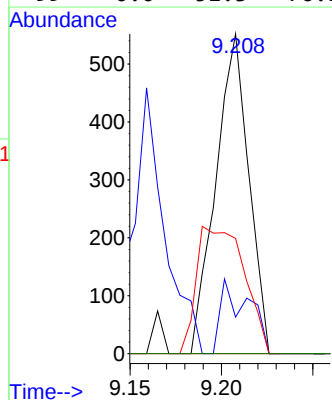
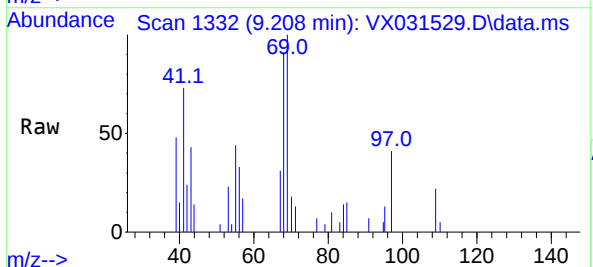
Instrument :
MSVOA_X
ClientSampleId :

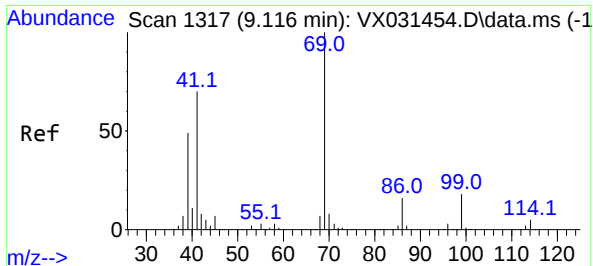
Tgt Ion: 92 Resp: 96819
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7



#55
1,1,2-Trichloroethane
Concen: 0.394 ug/l
RT: 9.208 min Scan# 1332
Delta R.T. 0.055 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 97 Resp: 693
Ion Ratio Lower Upper
97 100
83 11.4 69.0 103.6#
85 36.1 44.1 66.1#
99 0.0 51.3 76.9#





#56

Ethyl methacrylate

Concen: 1.726 ug/l

RT: 9.104 min Scan# 1165

Delta R.T. -0.012 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

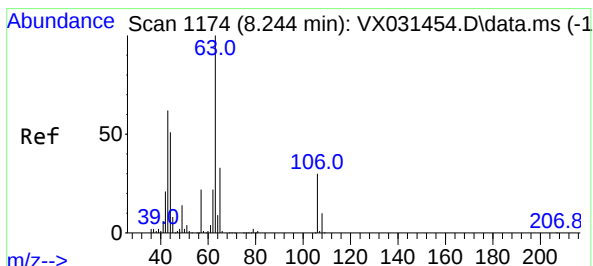
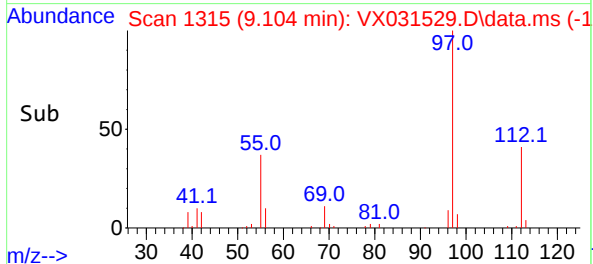
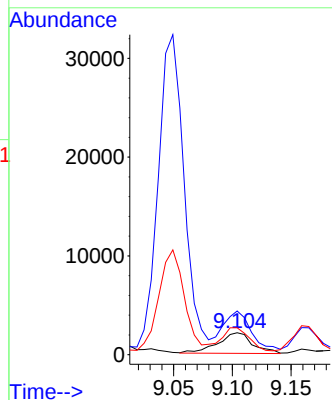
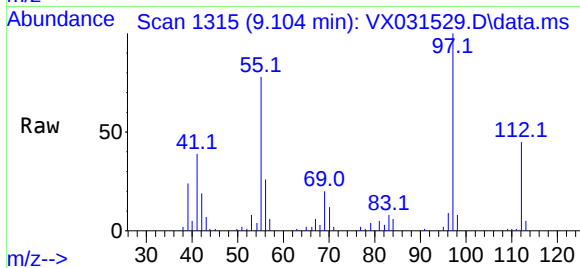
Tgt Ion: 69 Resp: 4316

Ion Ratio Lower Upper

69 100

41 164.1 54.2 81.4#

39 85.3 34.2 51.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.353 ug/l

RT: 8.190 min Scan# 1165

Delta R.T. -0.054 min

Lab File: VX031529.D

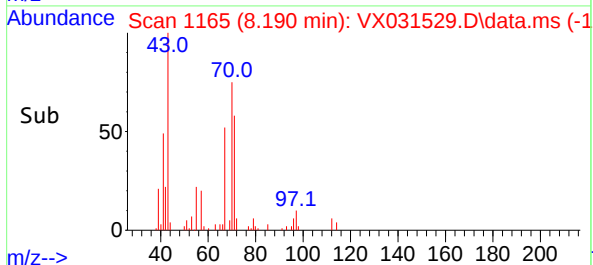
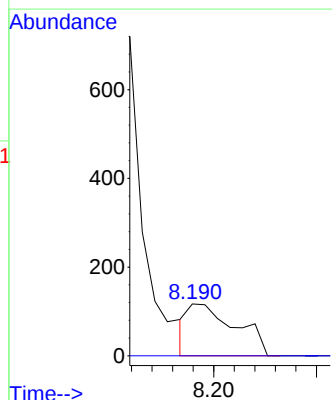
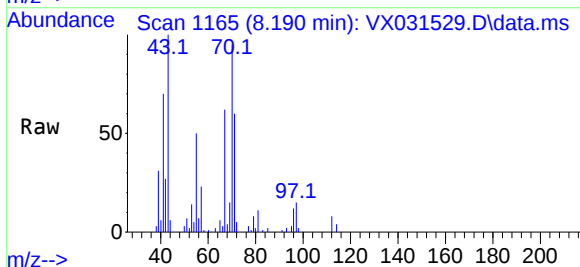
Acq: 21 Sep 2022 17:03

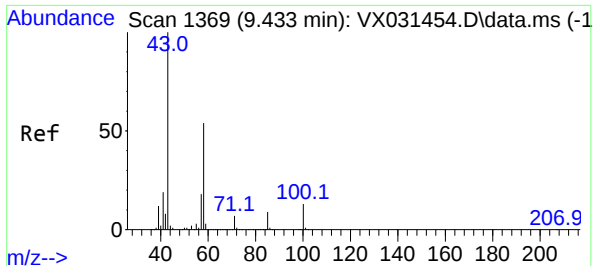
Tgt Ion: 63 Resp: 188

Ion Ratio Lower Upper

63 100

106 0.0 22.6 34.0#





#59

2-Hexanone

Concen: 2.433 ug/l

RT: 9.452 min Scan# 11

Delta R.T. 0.019 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

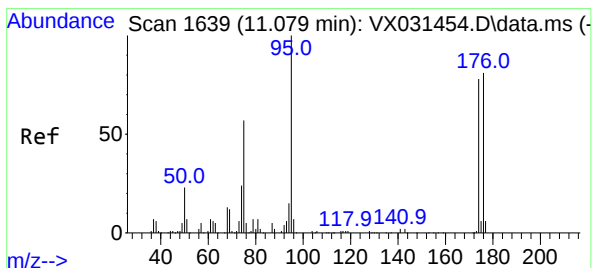
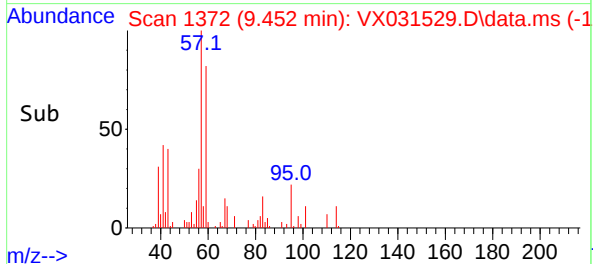
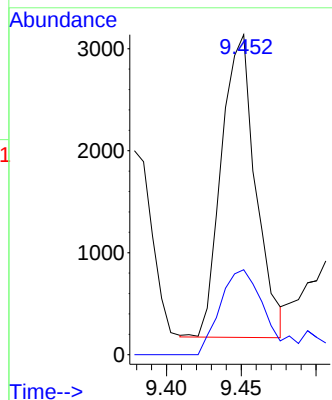
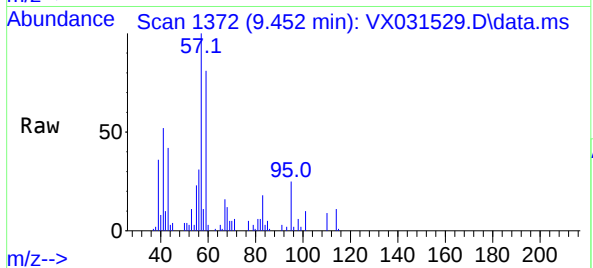
ClientSampleId :

Tgt Ion: 43 Resp: 4725

Ion Ratio Lower Upper

43 100

58 36.8 26.7 80.0



#62

4-Bromofluorobenzene

Concen: 63.948 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

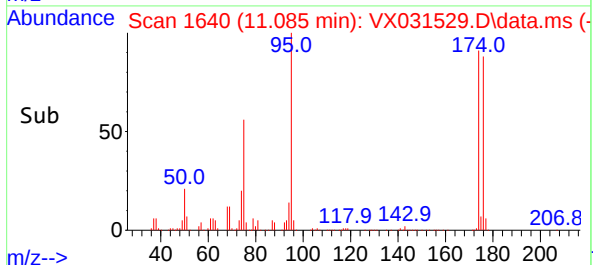
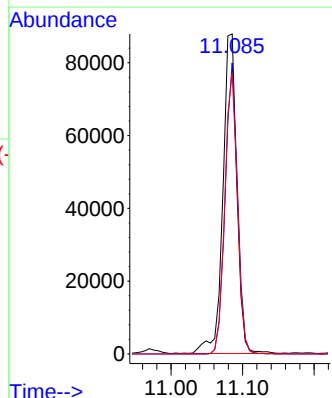
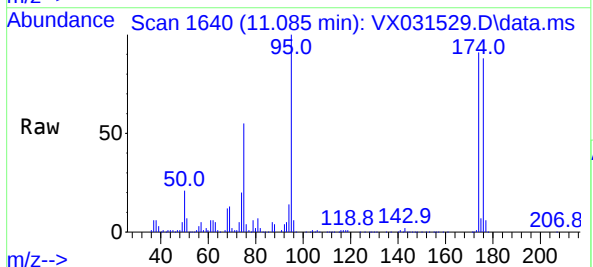
Tgt Ion: 95 Resp: 119067

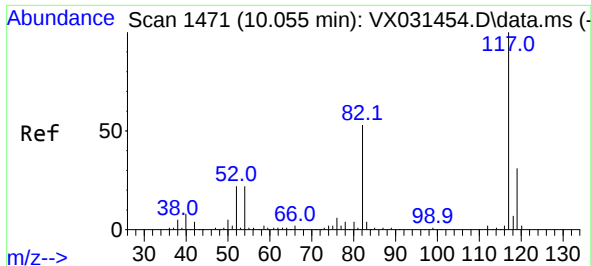
Ion Ratio Lower Upper

95 100

174 80.9 0.0 153.2

176 79.7 0.0 144.0

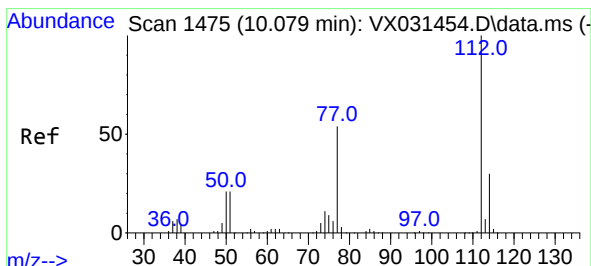
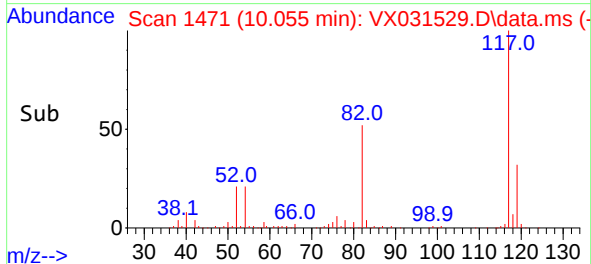
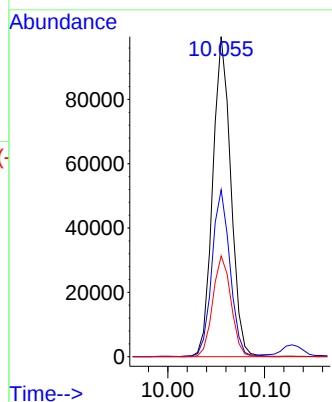
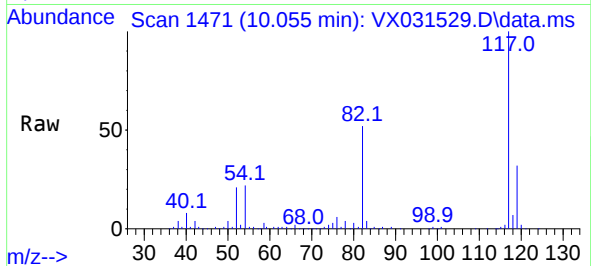




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

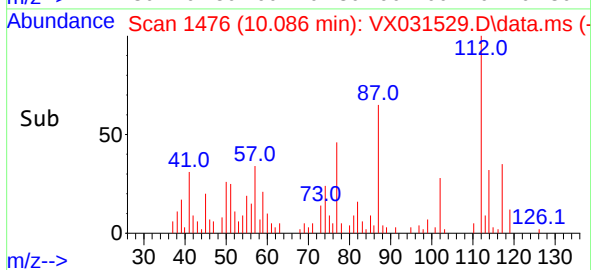
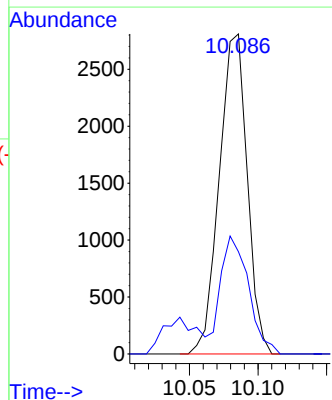
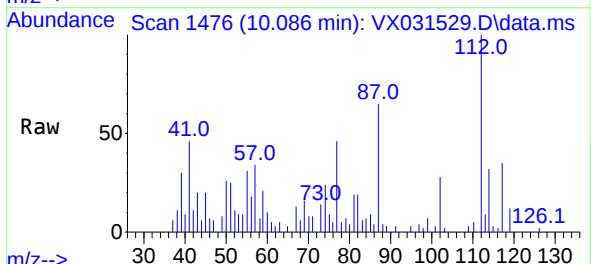
Instrument :
MSVOA_X
ClientSampleId :

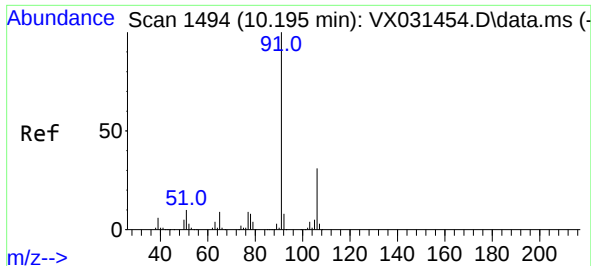
Tgt Ion:117 Resp: 129236
Ion Ratio Lower Upper
117 100
82 52.1 46.8 70.2
119 31.5 26.4 39.6



#65
Chlorobenzene
Concen: 1.000 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.007 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:112 Resp: 3986
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





#67

Ethyl Benzene

Concen: 804.148 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX031529.D

Acq: 21 Sep 2022 17:03

Instrument :

MSVOA_X

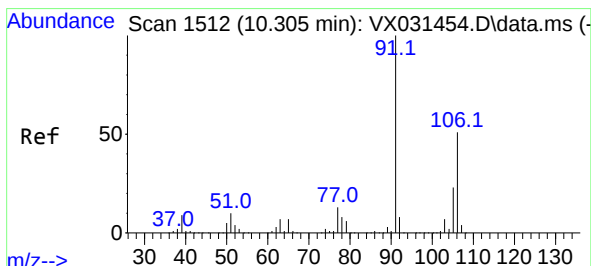
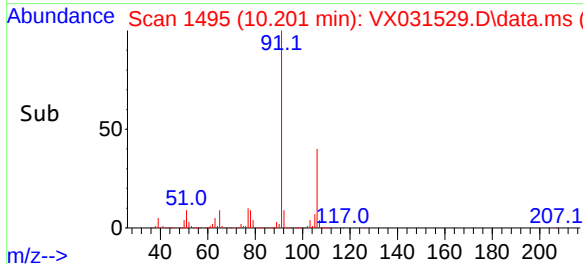
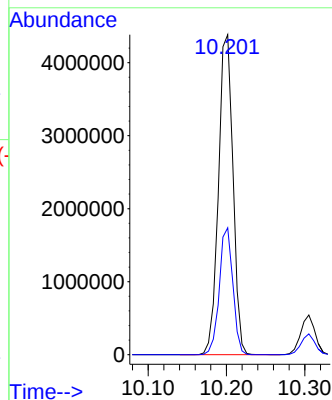
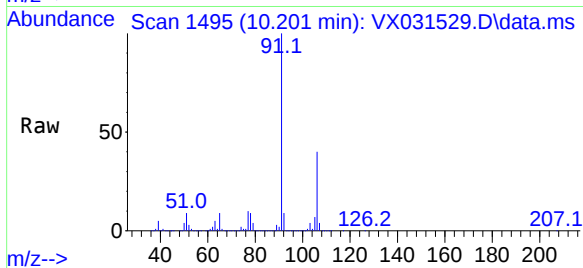
ClientSampleId :

Tgt Ion: 91 Resp: 5658492

Ion Ratio Lower Upper

91 100

106 39.7 25.2 37.8#



#68

m/p-Xylenes

Concen: 123.654 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031529.D

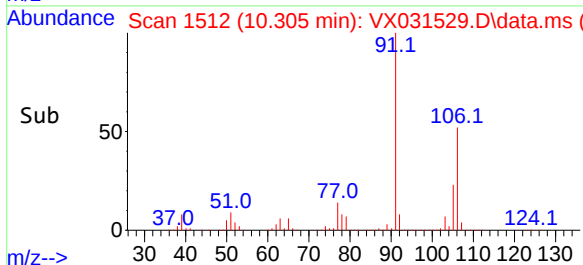
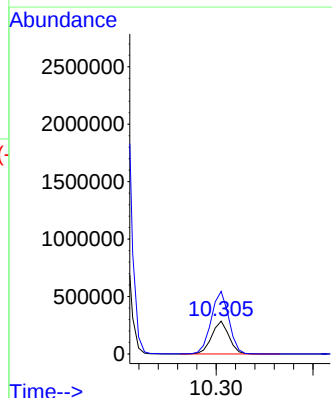
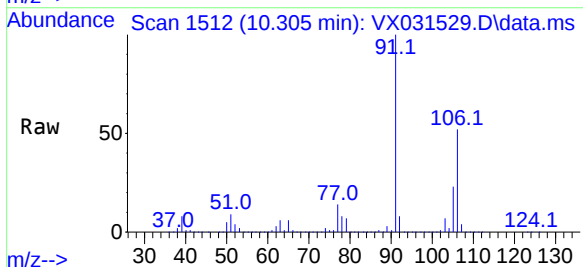
Acq: 21 Sep 2022 17:03

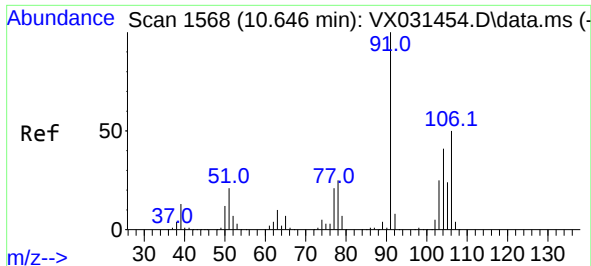
Tgt Ion:106 Resp: 349671

Ion Ratio Lower Upper

106 100

91 198.0 161.0 241.4

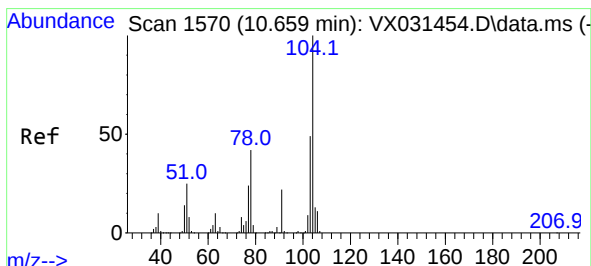
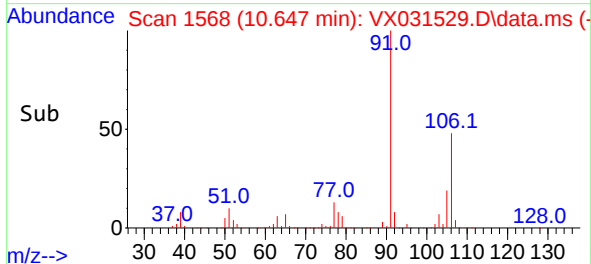
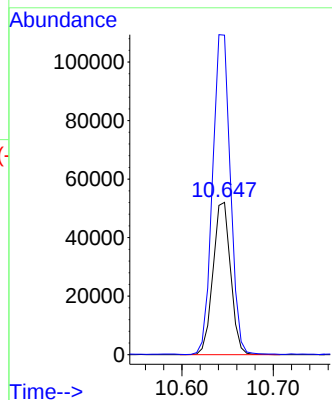
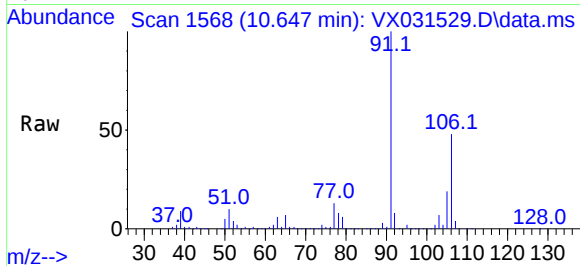




#69
o-Xylene
Concen: 25.692 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

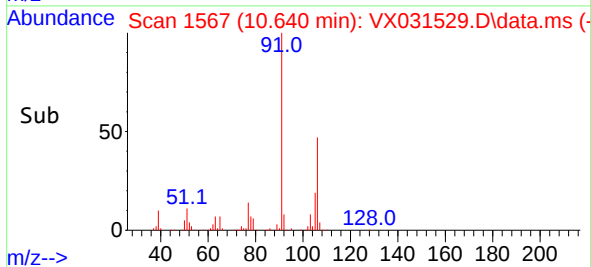
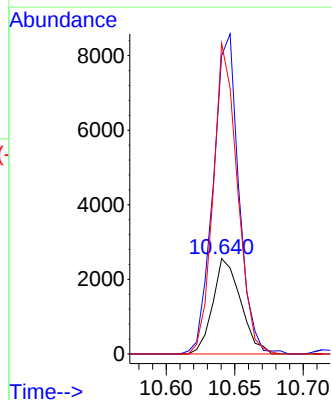
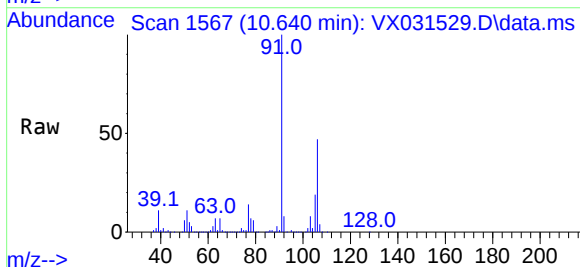
Instrument :
MSVOA_X
ClientSampleId :

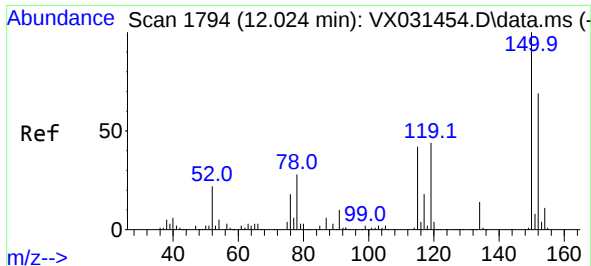
Tgt Ion:106 Resp: 69346
Ion Ratio Lower Upper
106 100
91 213.3 107.2 321.6



#70
Styrene
Concen: 0.814 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

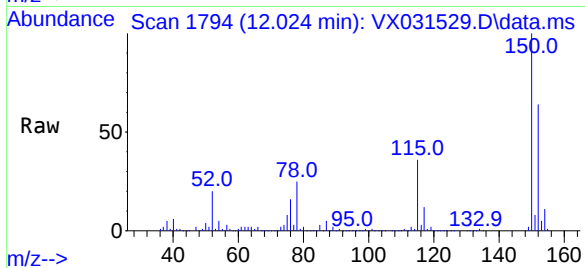
Tgt Ion:104 Resp: 3617
Ion Ratio Lower Upper
104 100
78 308.4 41.4 62.2#
103 282.6 43.8 65.8#



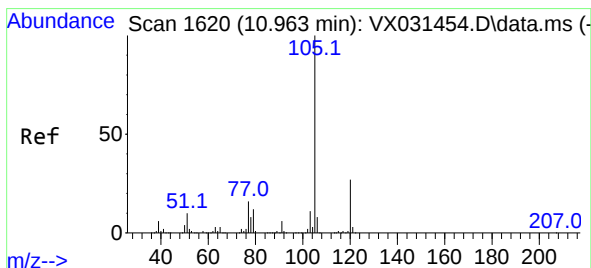
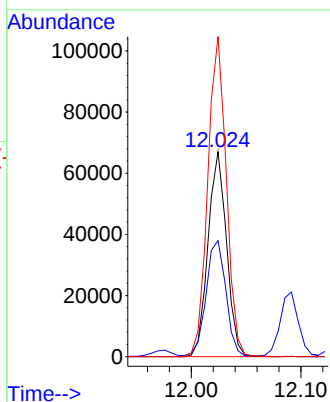
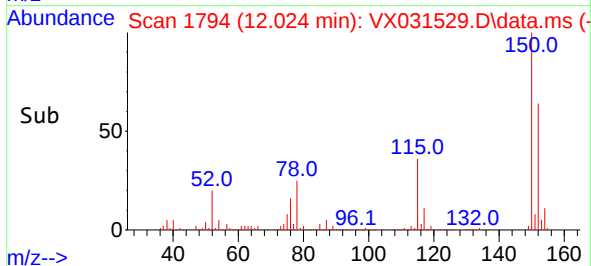


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

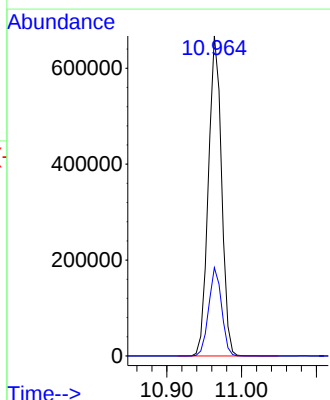
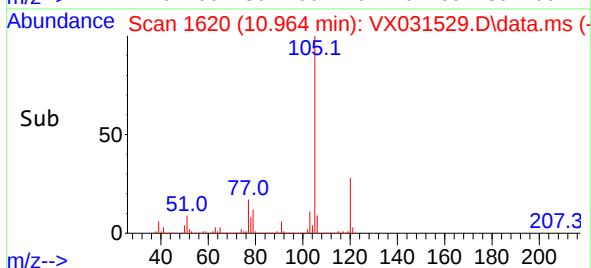
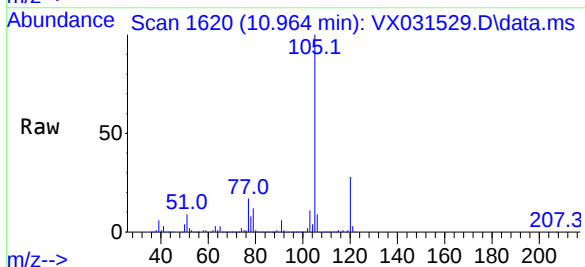


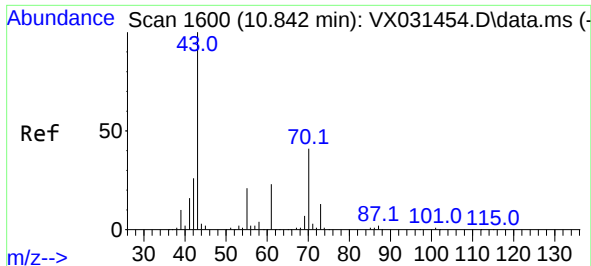
Tgt Ion:152 Resp: 78655
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 156.4 0.0 346.8



#73
Isopropylbenzene
Concen: 138.883 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:105 Resp: 815750
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

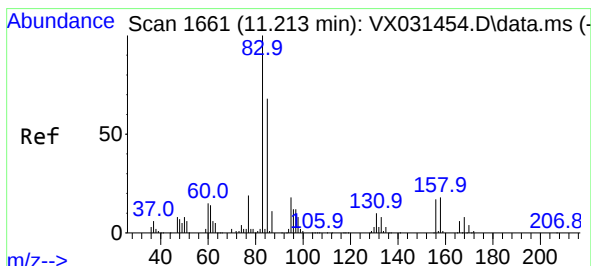
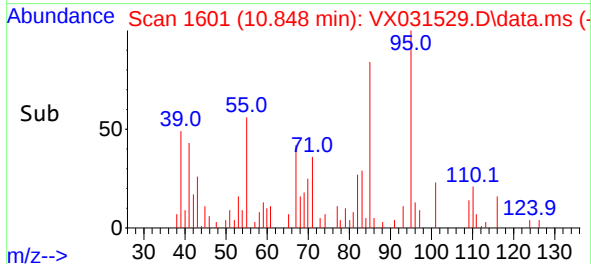
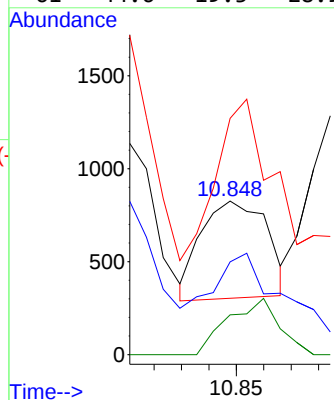
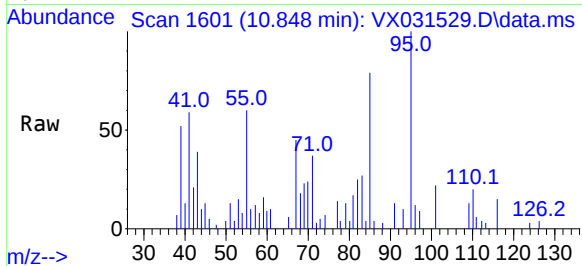




#74
N-amy1 acetate
Concen: 0.368 ug/l
RT: 10.848 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

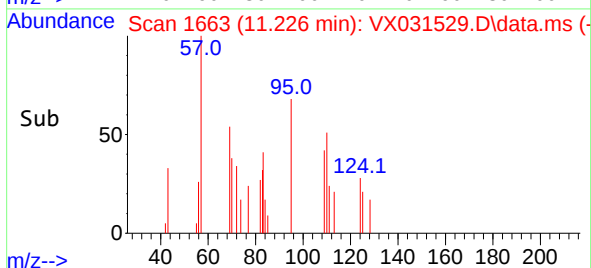
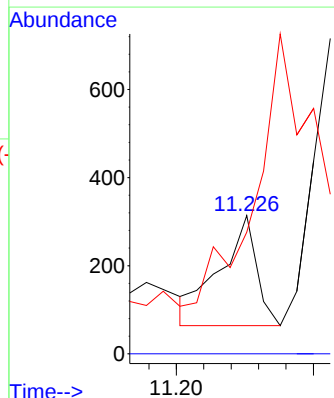
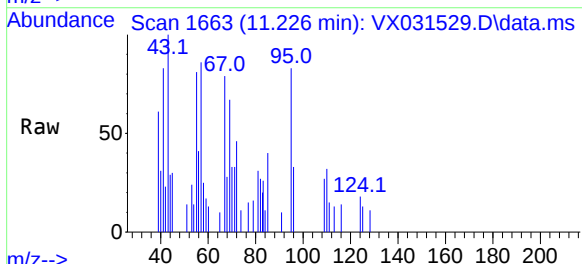
Instrument :
MSVOA_X
ClientSampleId :

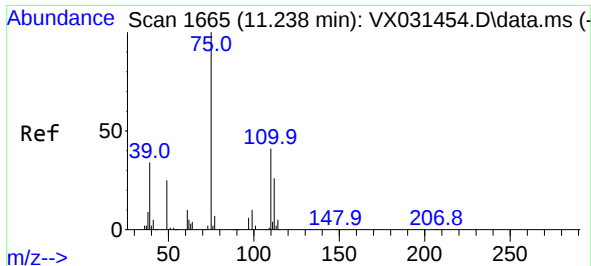
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
70 93.1 33.4 50.2#
55 203.0 18.2 27.2#
61 44.6 19.3 28.9#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.226 min Scan# 1663
Delta R.T. 0.013 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 83 Resp: 234
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 446.6 32.6 97.8#

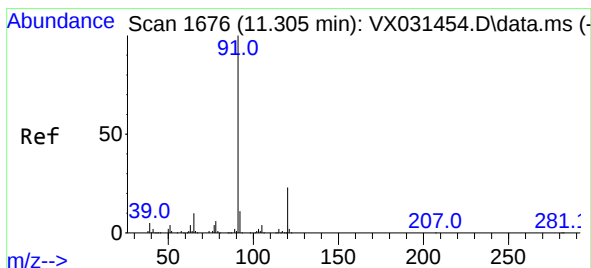
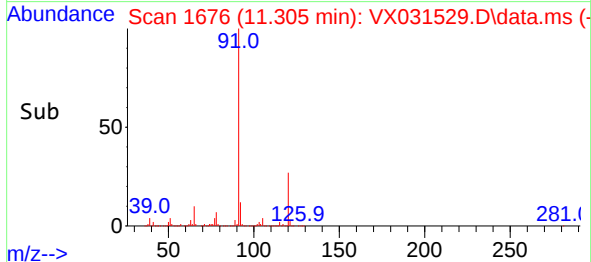
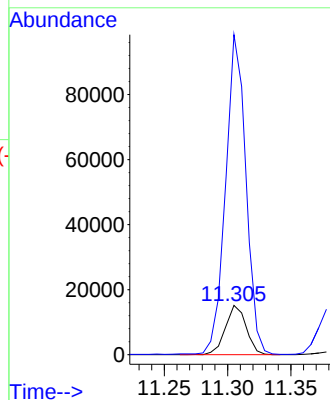
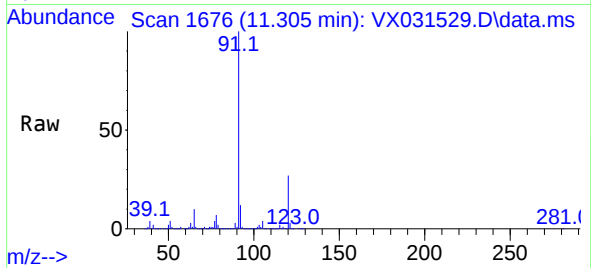




#76
1,2,3-Trichloropropane
Concen: 9.841 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

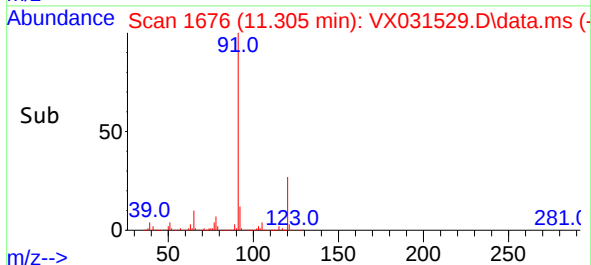
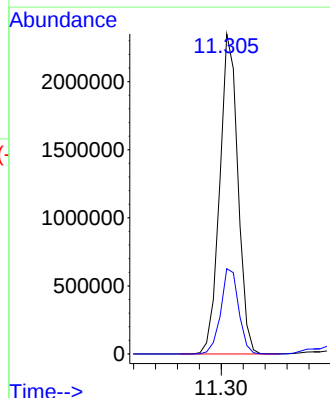
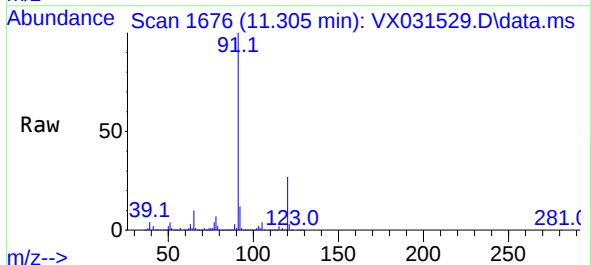
Instrument :
MSVOA_X
ClientSampleId :

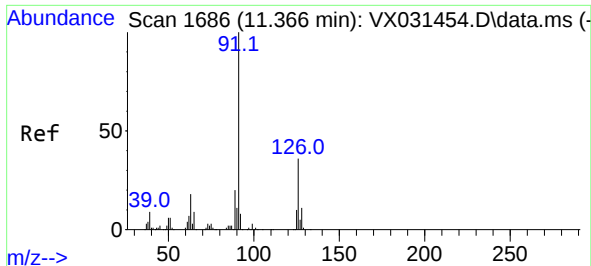
Tgt Ion: 75 Resp: 17276
Ion Ratio Lower Upper
75 100
77 641.1 20.3 60.9#



#78
n-propylbenzene
Concen: 400.980 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 91 Resp: 2709622
Ion Ratio Lower Upper
91 100
120 26.2 11.8 35.4

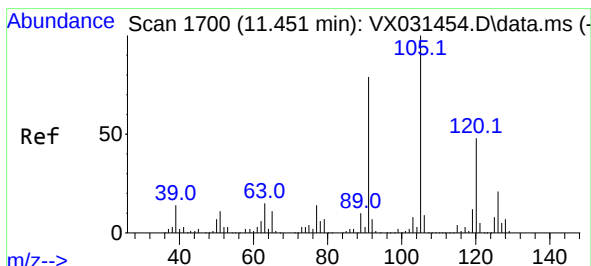
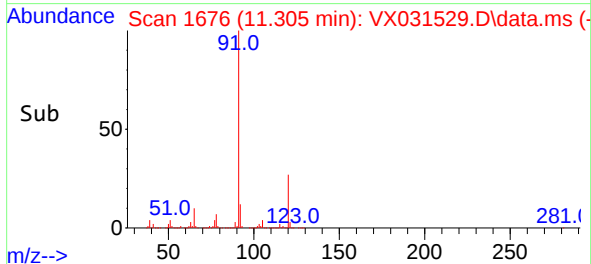
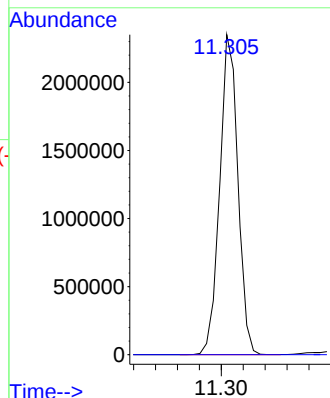
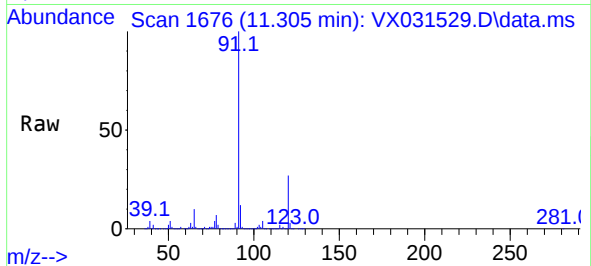




#79
2-Chlorotoluene
Concen: 673.663 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

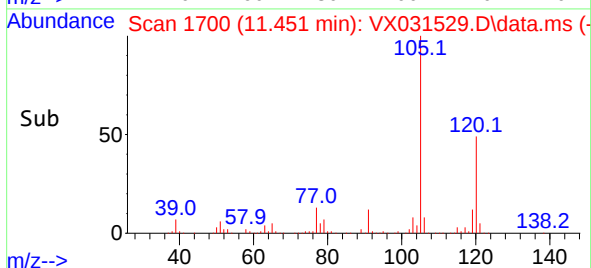
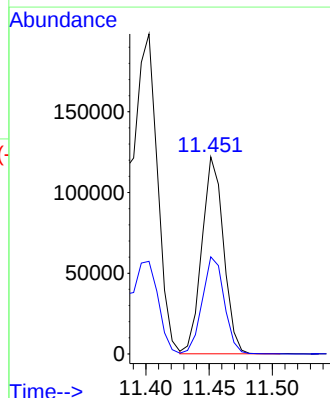
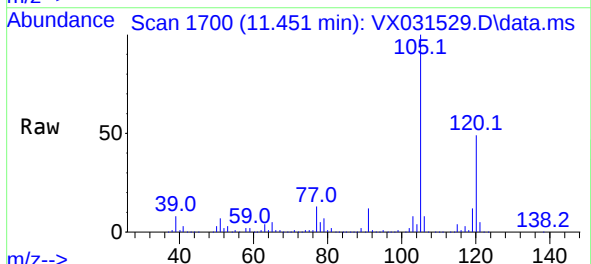
Instrument :
MSVOA_X
ClientSampleId :

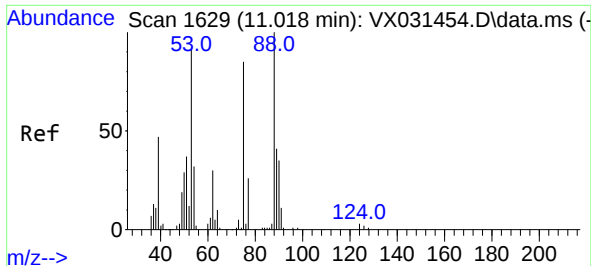
Tgt Ion: 91 Resp: 2709622
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 29.252 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

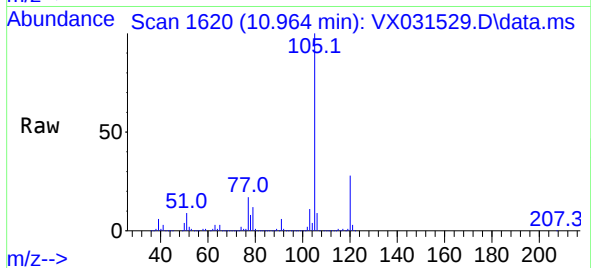
Tgt Ion: 105 Resp: 145810
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5



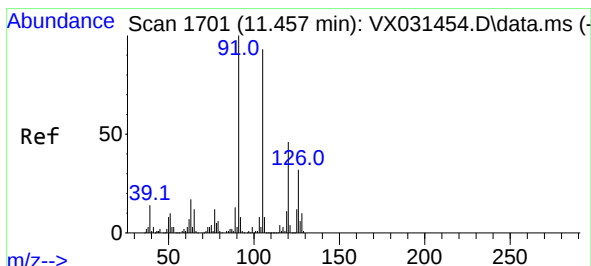
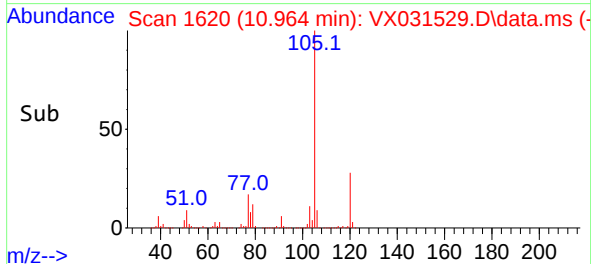
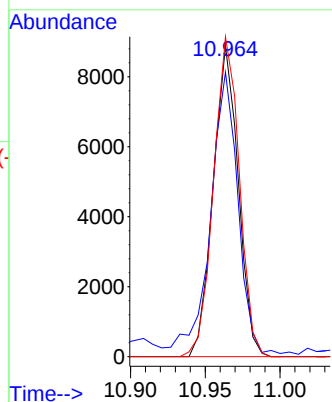


#81
trans-1,4-Dichloro-2-butene
Concen: 18.967 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.054 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

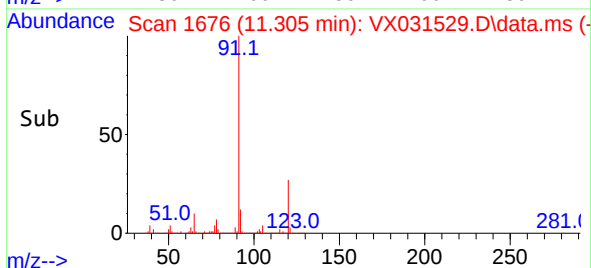
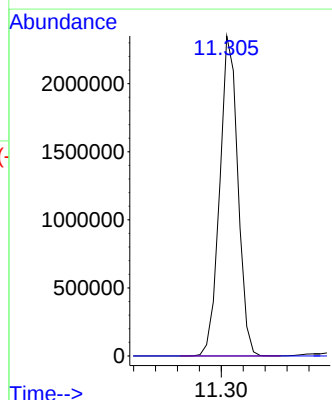
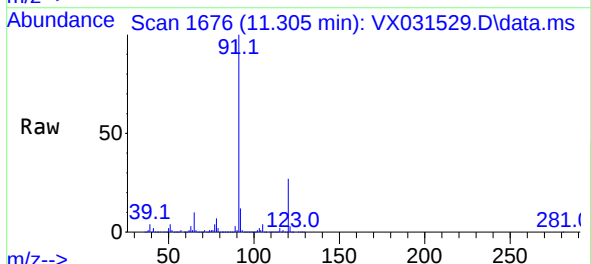


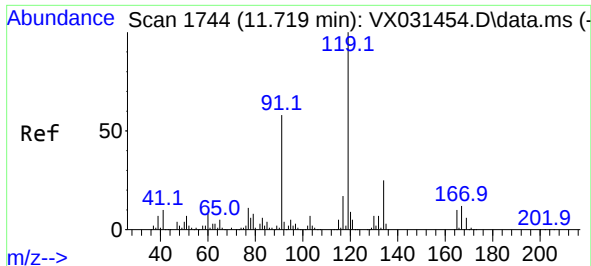
Tgt Ion: 75 Resp: 10341
Ion Ratio Lower Upper
75 100
53 98.1 77.6 116.4
89 105.9 37.4 56.0#



#82
4-Chlorotoluene
Concen: 574.034 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.152 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 91 Resp: 2709622
Ion Ratio Lower Upper
91 100
126 0.0 15.1 45.3#

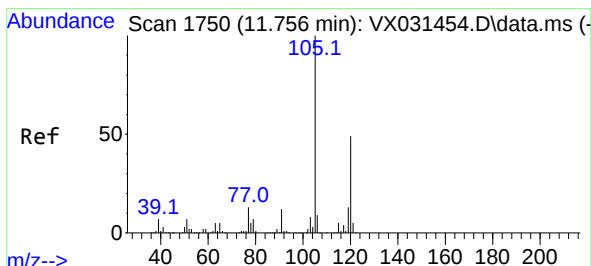
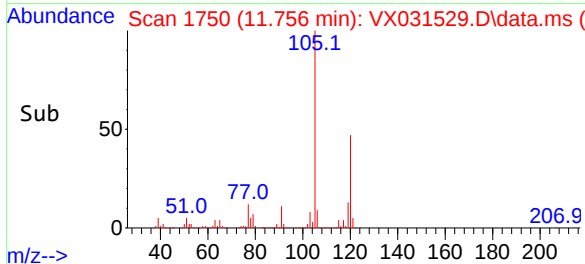
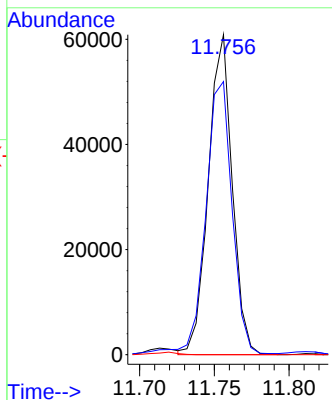
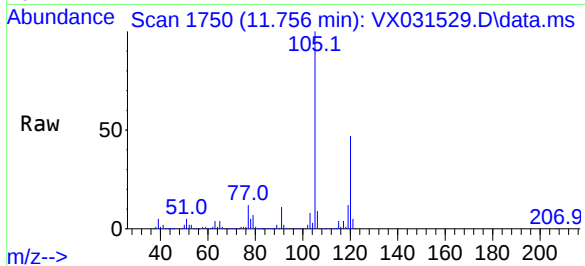




#83
tert-Butylbenzene
Concen: 14.036 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

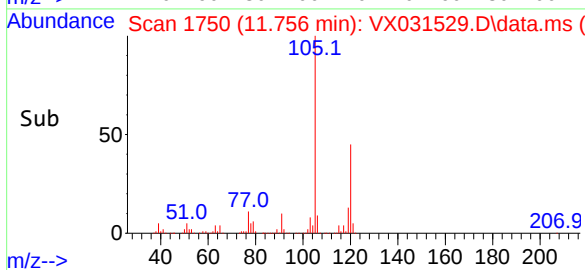
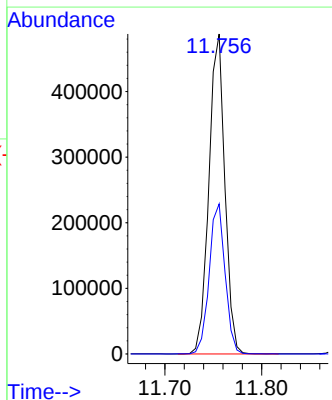
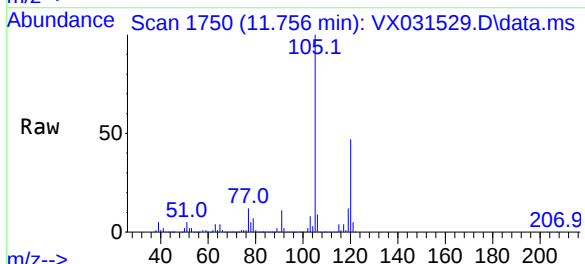
Instrument :
MSVOA_X
ClientSampleId :

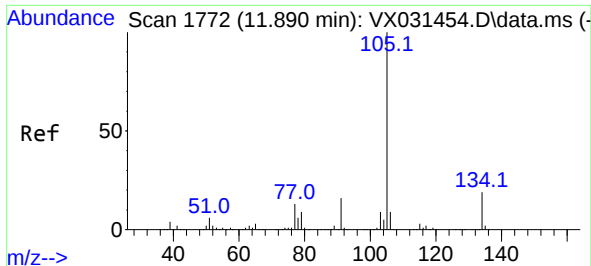
Tgt Ion:119 Resp: 67812
Ion Ratio Lower Upper
119 100
91 94.5 29.2 87.6#
134 0.0 11.6 34.8#



#84
1,2,4-Trimethylbenzene
Concen: 113.721 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:105 Resp: 558269
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8

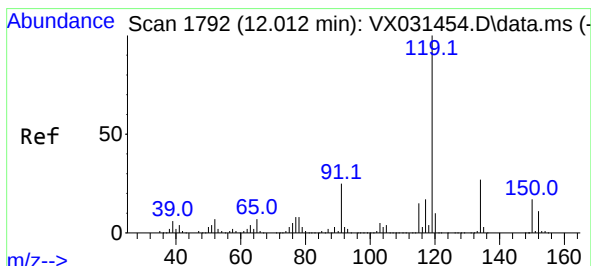
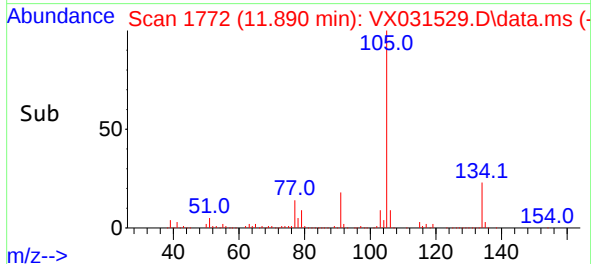
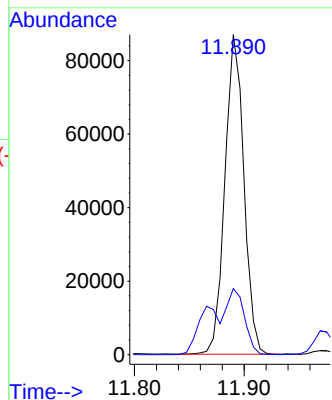
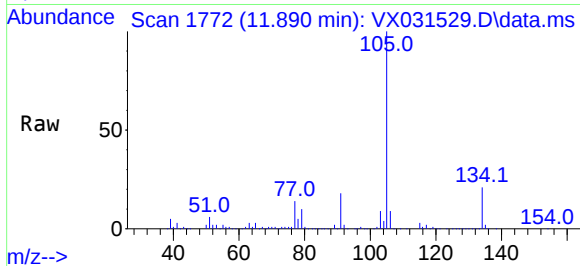




#85
 sec-Butylbenzene
 Concen: 17.085 ug/l
 RT: 11.890 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX031529.D
 Acq: 21 Sep 2022 17:03

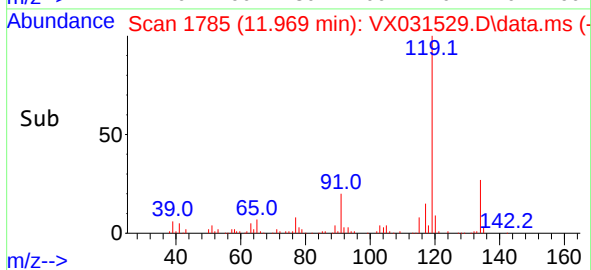
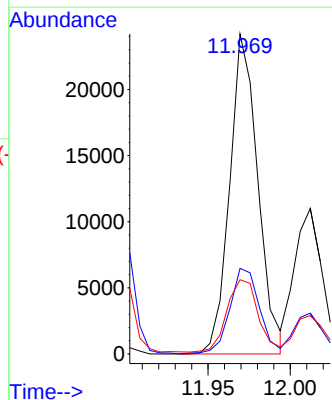
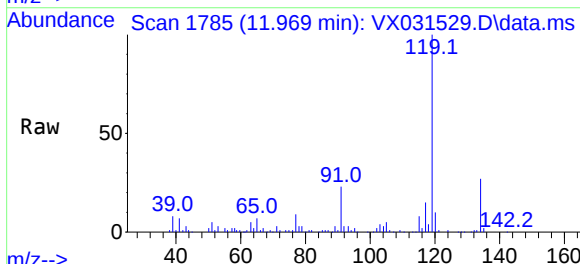
Instrument :
 MSVOA_X
 ClientSampleId :

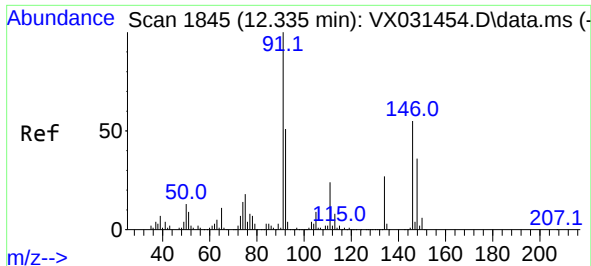
Tgt Ion:105 Resp: 104461
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.587 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.043 min
 Lab File: VX031529.D
 Acq: 21 Sep 2022 17:03

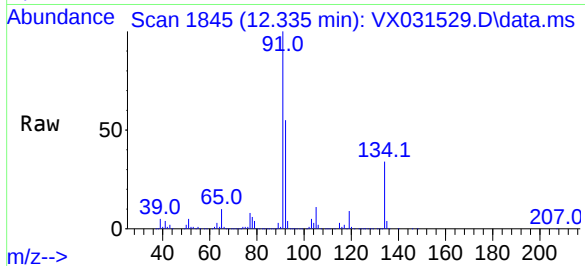
Tgt Ion:119 Resp: 28846
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.4 40.2
 91 0.0 12.4 37.2#



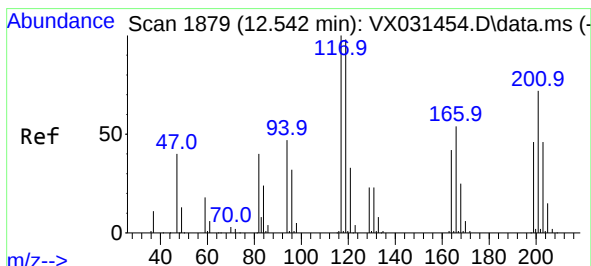
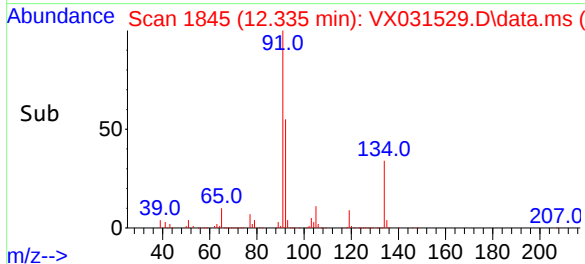
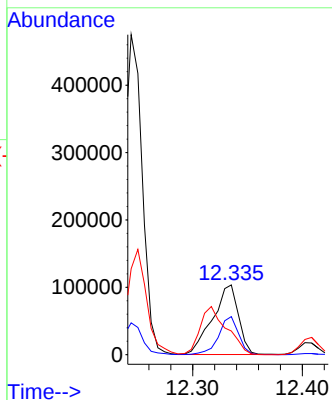


#89
n-Butylbenzene
Concen: 38.668 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

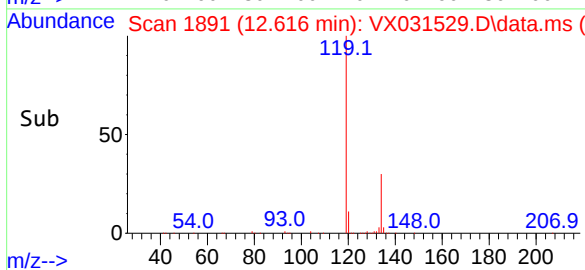
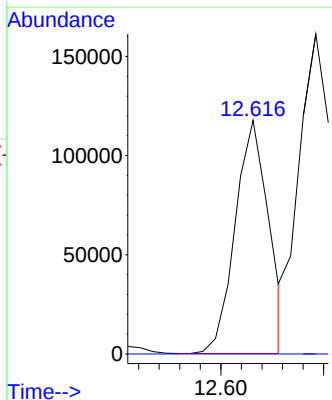
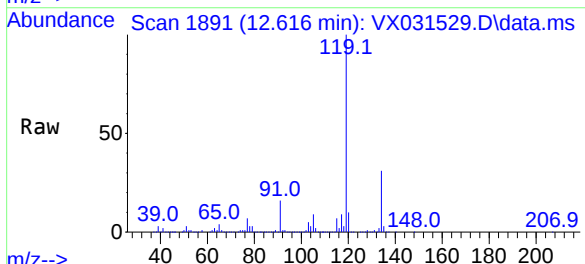


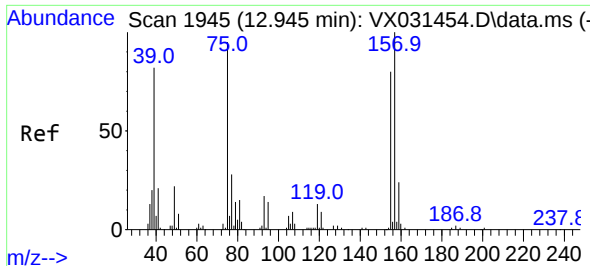
Tgt Ion: 91 Resp: 170057
Ion Ratio Lower Upper
91 100
92 42.1 27.0 81.0
134 70.9 13.3 39.9#



#90
Hexachloroethane
Concen: 150.324 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion: 117 Resp: 133359
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#

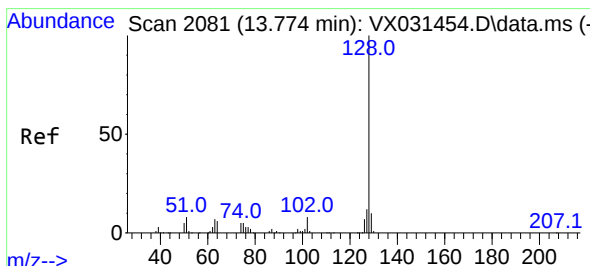
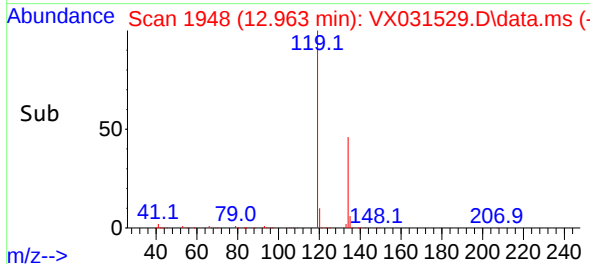
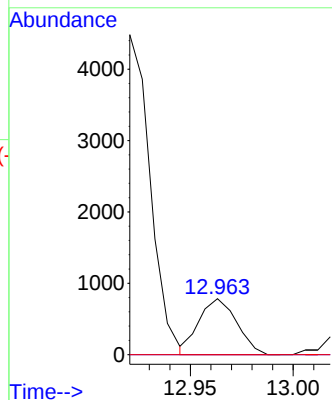
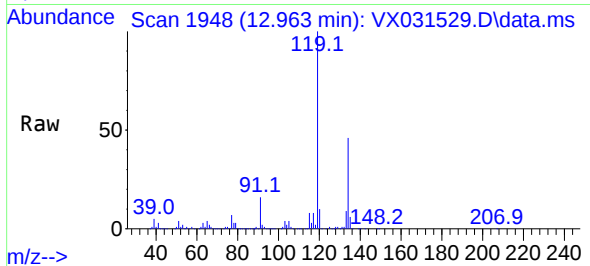




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.478 ug/l
RT: 12.963 min Scan# 1945
Delta R.T. 0.018 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1000
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 51.5 154.5#



#95
Naphthalene
Concen: 739.107 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031529.D
Acq: 21 Sep 2022 17:03

Tgt Ion:128 Resp: 4167555
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 12.1 8.8 13.2

