

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031946.D
 Acq On : 07 Oct 2022 02:16
 Operator : JC/MD
 Sample : N4883-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP092722

Quant Time: Oct 07 08:10:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63415	54.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.560%	
35) Dibromofluoromethane	5.385	113	52644	48.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.980%	
50) Toluene-d8	8.653	98	199326	51.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	11.079	95	75660	54.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.580%	

Target Compounds			Qvalue			
3) Chloromethane	1.288	50	1741	1.975	ug/l #	41
5) Bromomethane	1.618	94	186	Below Cal	#	72
6) Chloroethane	1.941	64	343	0.391	ug/l #	67
10) Methyl Iodide	2.459	142	31	2.786	ug/l #	38
11) Tert butyl alcohol	2.983	59	27188	187.059	ug/l	100
13) Acrolein	2.215	56	67	Below Cal	#	1
14) Allyl chloride	2.709	41	1193	0.973	ug/l #	22
15) Acrylonitrile	3.105	53	2004	4.325	ug/l #	35
16) Acetone	2.386	43	16106	40.566	ug/l #	80
17) Carbon Disulfide	2.514	76	2891	1.562	ug/l	99
18) Methyl Acetate	2.703	43	792	0.605	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	100074	34.612	ug/l #	79
20) Methylene Chloride	2.794	84	299	0.287	ug/l #	27
22) Diisopropyl ether	3.757	45	2479	0.899	ug/l #	86
23) Vinyl Acetate	3.757	43	1503	0.730	ug/l #	71
25) 2-Butanone	4.568	43	8832	14.230	ug/l	94
26) 2,2-Dichloropropane	4.306	77	851	0.717	ug/l #	54
29) Tetrahydrofuran	5.032	42	367	0.916	ug/l #	88
31) Cyclohexane	5.477	56	41443	29.696	ug/l	96
36) 1,1-Dichloropropene	5.556	75	4395	3.053	ug/l #	49
37) Ethyl Acetate	4.568	43	8832	6.517	ug/l #	68
38) Carbon Tetrachloride	5.556	117	5755	3.910	ug/l #	17
39) Methylcyclohexane	7.379	83	59391	34.587	ug/l	94
40) Benzene	6.037	78	347835	82.515	ug/l	99
42) 1,2-Dichloroethane	6.086	62	8861	5.768	ug/l	87
43) Isopropyl Acetate	6.348	43	2235	1.087	ug/l #	61
48) Methyl methacrylate	7.659	41	6412	6.526	ug/l #	54
51) 4-Methyl-2-Pentanone	8.574	43	8140	5.974	ug/l	90
52) Toluene	8.720	92	474859	172.290	ug/l	99
53) t-1,3-Dichloropropene	8.842	75	269	1.383	ug/l #	4
55) 1,1,2-Trichloroethane	9.153	97	638	0.548	ug/l #	88
56) Ethyl methacrylate	9.098	69	1499	1.005	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.165	63	388	0.504	ug/l #	46
59) 2-Hexanone	9.439	43	22682	22.575	ug/l	84
60) Dibromochloromethane	9.275	129	433	0.407	ug/l #	11
61) 1,2-Dibromoethane	9.604	107	277	0.237	ug/l	84

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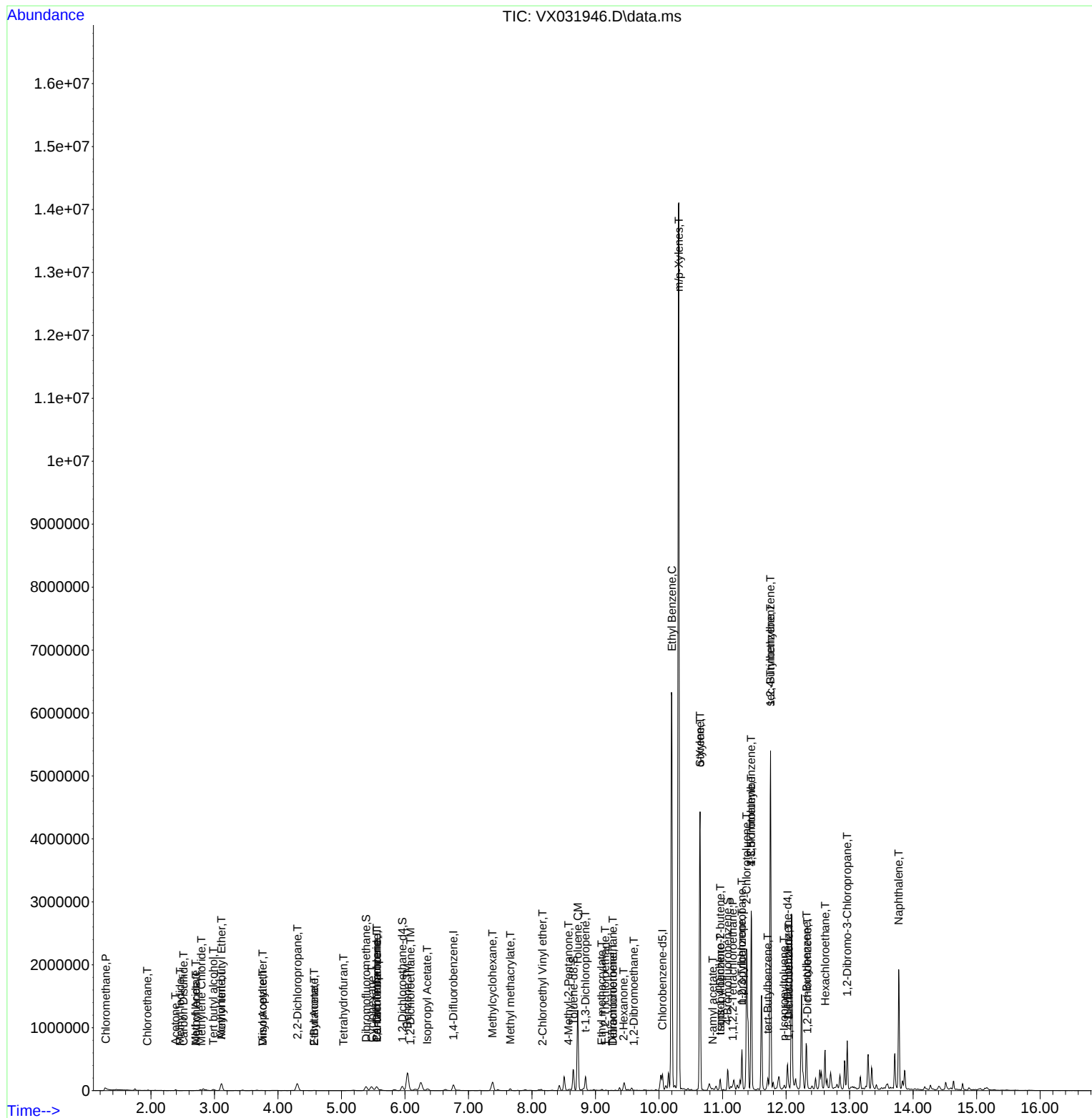
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.275	164	352	0.287	ug/l	91
67) Ethyl Benzene	10.201	91	3710497	666.235	ug/l	96
68) m/p-Xylenes	10.311	106	3284711	1484.137	ug/l	91
69) o-Xylene	10.646	106	925098	430.041	ug/l	98
70) Styrene	10.646	104	50916	14.806	ug/l #	1
73) Isopropylbenzene	10.963	105	83823	15.040	ug/l	98
74) N-amyl acetate	10.848	43	3294	1.935	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.158	83	2729	1.541	ug/l #	25
76) 1,2,3-Trichloropropane	11.305	75	2196	1.450	ug/l #	1
78) n-propylbenzene	11.305	91	336703	53.116	ug/l	99
79) 2-Chlorotoluene	11.378	91	197302	51.721	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1196161	258.782	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	1153	6.102	ug/l #	50
82) 4-Chlorotoluene	11.451	91	140306	32.115	ug/l #	44
83) tert-Butylbenzene	11.713	119	59972	13.109	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	2153772	458.676	ug/l	98
85) sec-Butylbenzene	11.756	105	2153772	380.269	ug/l #	56
86) p-Isopropyltoluene	11.969	119	20123	4.220	ug/l #	76
88) 1,4-Dichlorobenzene	12.042	146	748	0.278	ug/l #	51
89) n-Butylbenzene	12.323	91	73985	18.527	ug/l #	1
90) Hexachloroethane	12.616	117	26050	34.763	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	970	0.373	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	12.963	75	2477	7.642	ug/l #	7
95) Naphthalene	13.774	128	1074038	198.713	ug/l	100

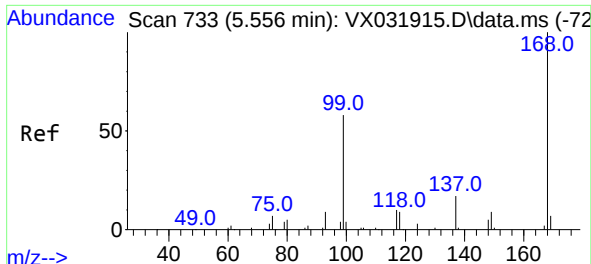
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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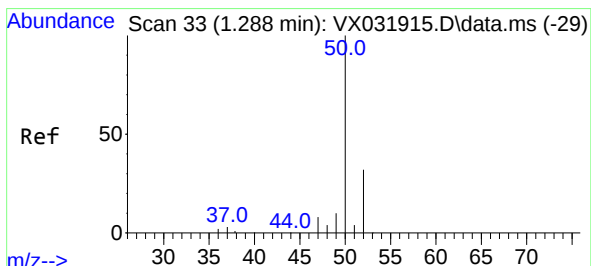
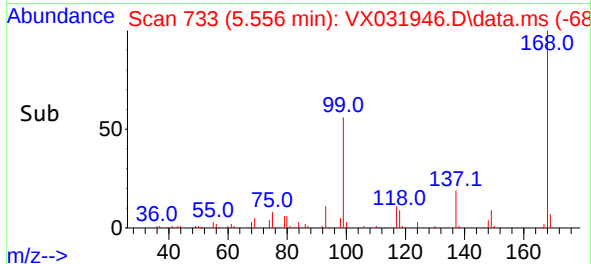
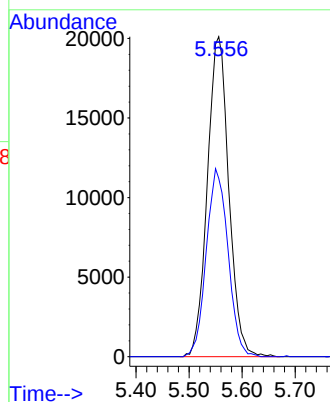
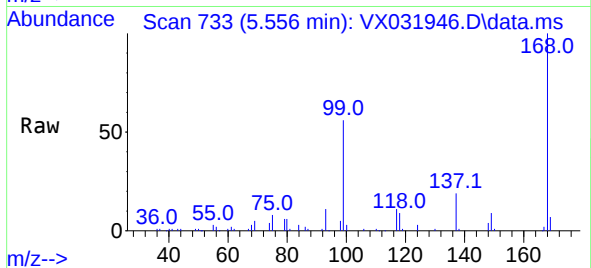




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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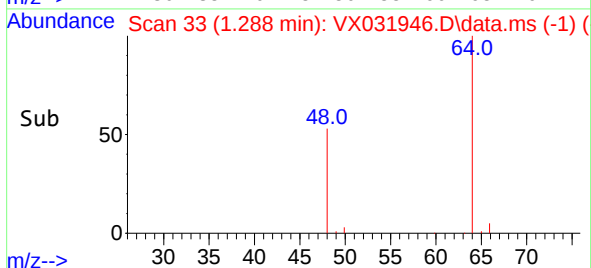
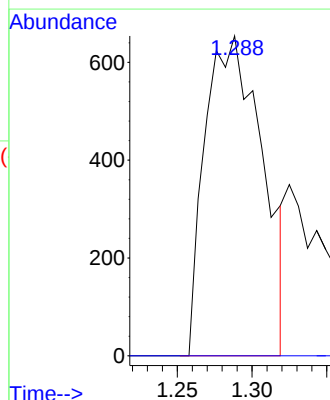
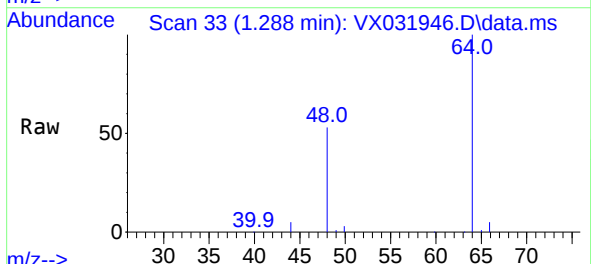
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MSVOA_X
ClientSampleId :
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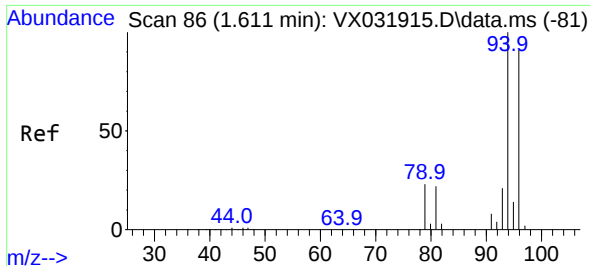
Tgt Ion:168 Resp: 56566
Ion Ratio Lower Upper
168 100
99 55.7 48.8 73.2



#3
Chloromethane
Concen: 1.975 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 50 Resp: 1741
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

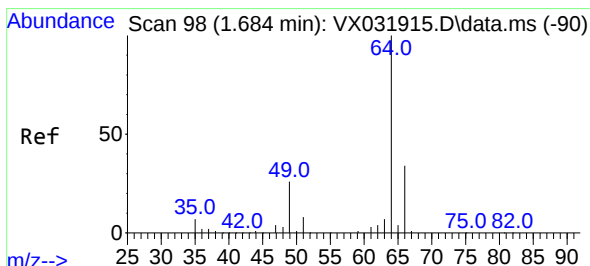
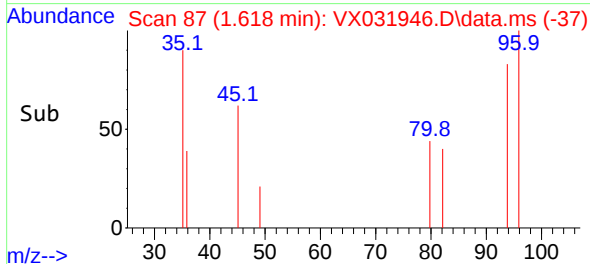
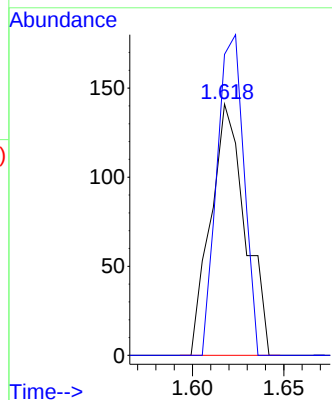
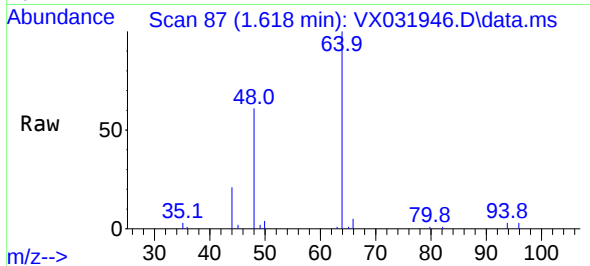




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

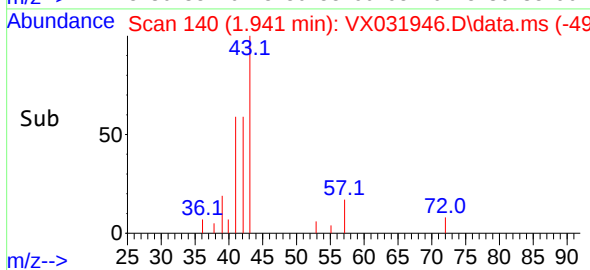
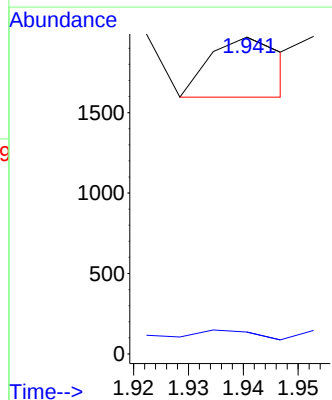
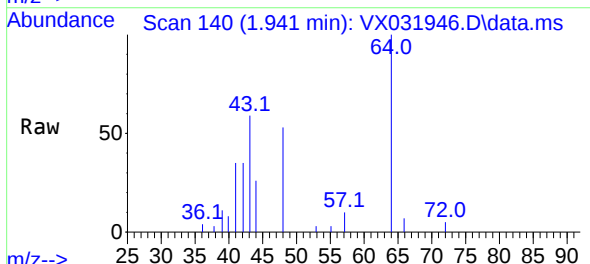
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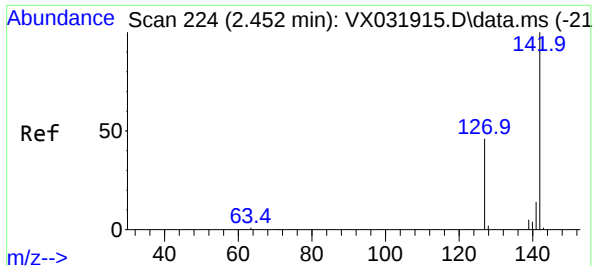
Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 119.9 74.4 111.6#



#6
Chloroethane
Concen: 0.391 ug/l
RT: 1.941 min Scan# 140
Delta R.T. 0.257 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 64 Resp: 343
Ion Ratio Lower Upper
64 100
66 13.1 25.0 37.4#

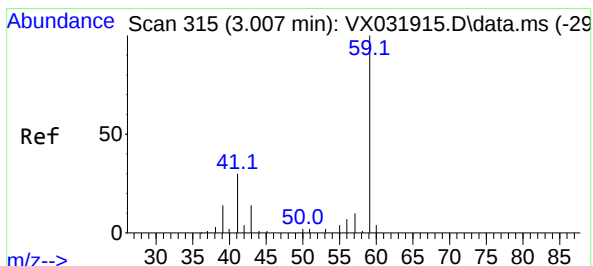
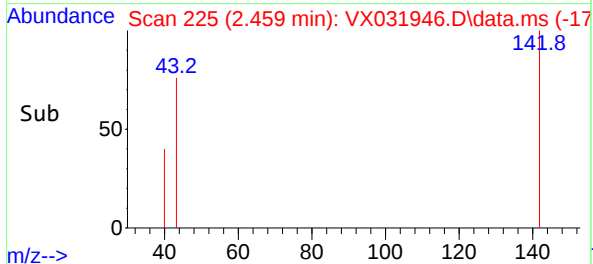
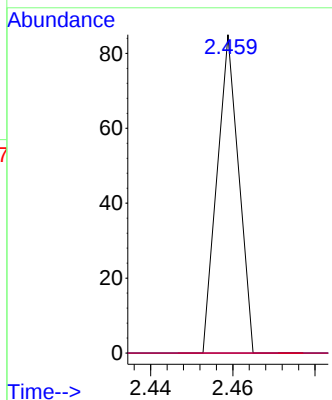
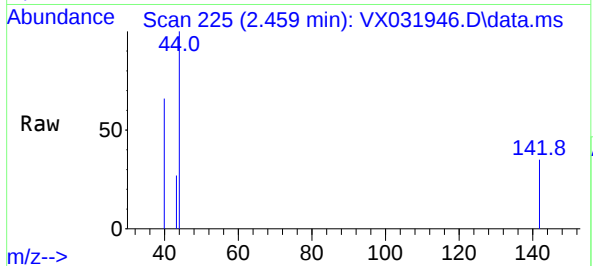




#10
Methyl Iodide
Concen: 2.786 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

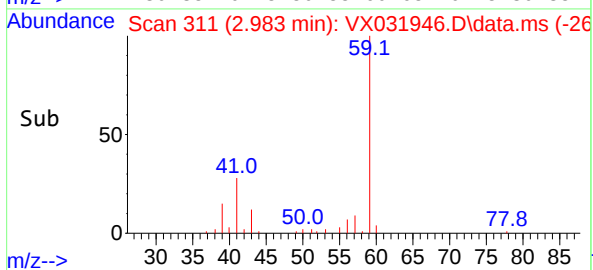
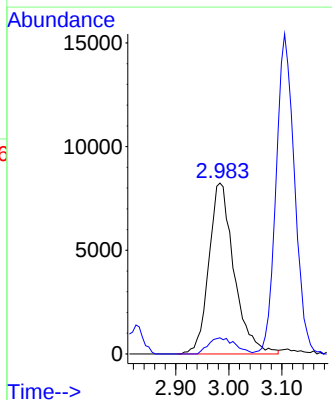
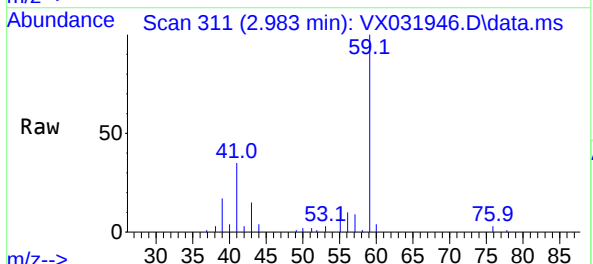
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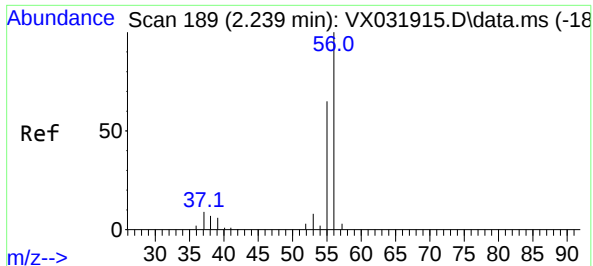
Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 187.059 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 59 Resp: 27188
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

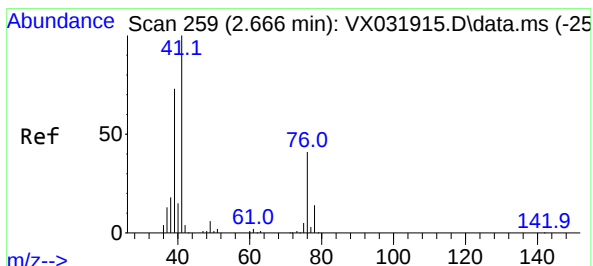
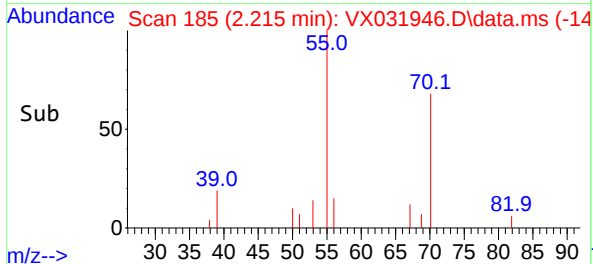
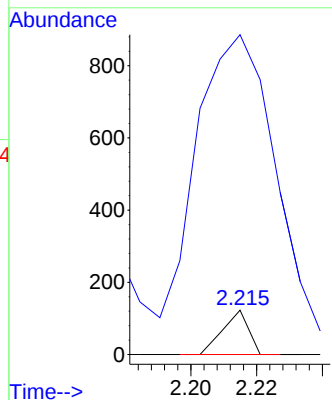
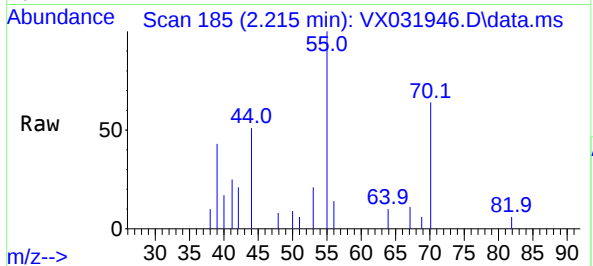




#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

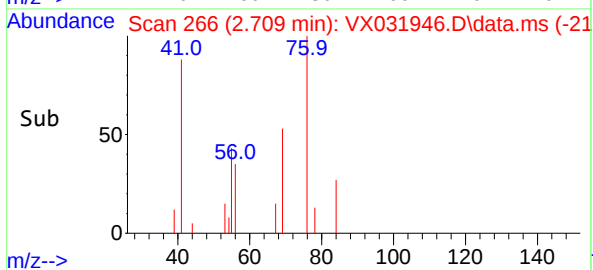
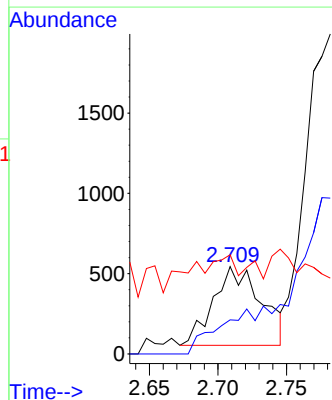
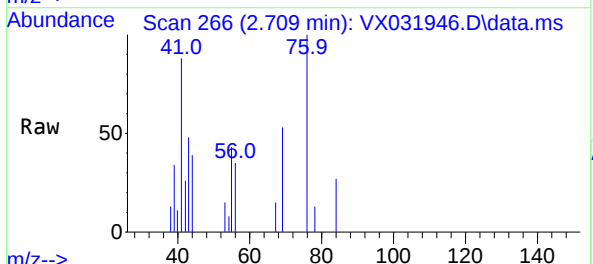
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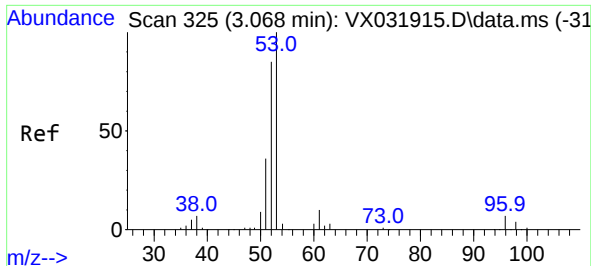
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 2250.7 56.0 84.0#



#14
Allyl chloride
Concen: 0.973 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.043 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 41 Resp: 1193
Ion Ratio Lower Upper
41 100
39 0.0 58.2 87.4#
76 0.0 26.9 40.3#

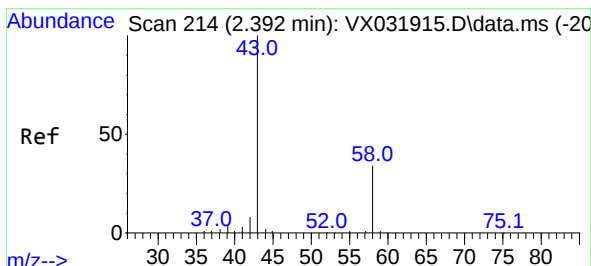
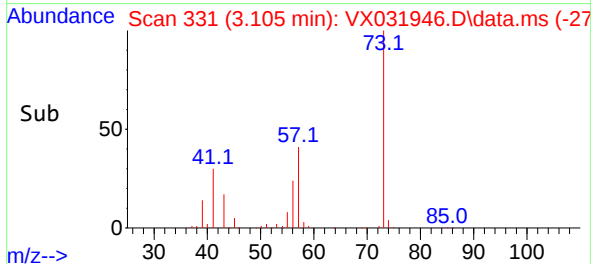
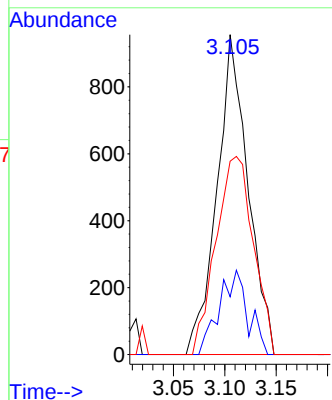
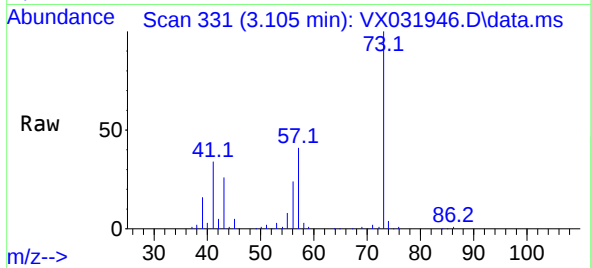




#15
Acrylonitrile
Concen: 4.325 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

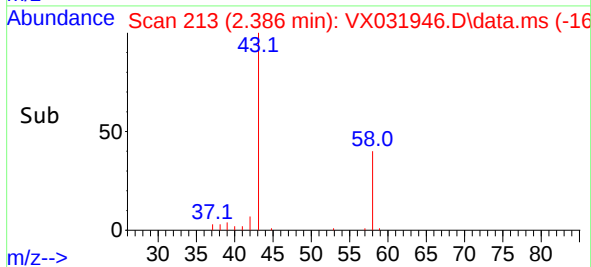
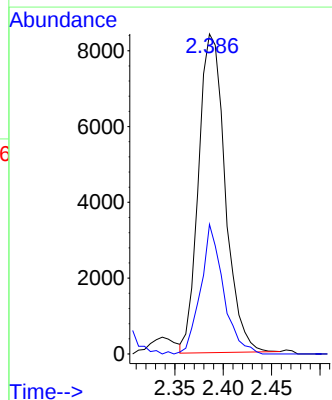
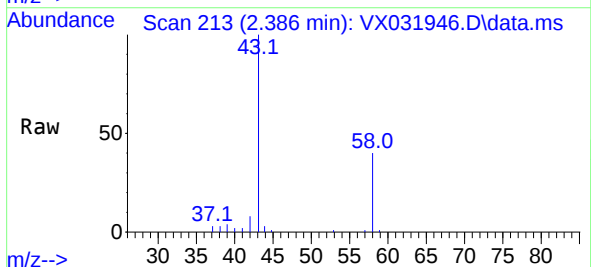
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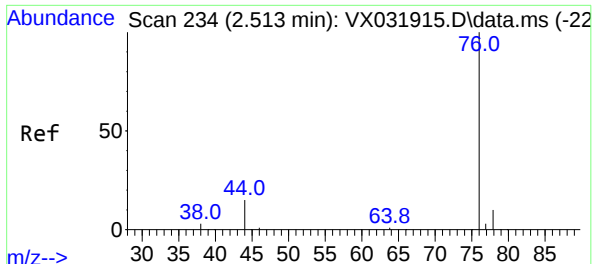
Tgt Ion: 53 Resp: 2004
Ion Ratio Lower Upper
53 100
52 24.5 66.9 100.3#
51 75.0 30.0 45.0#



#16
Acetone
Concen: 40.566 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
58 40.8 23.8 35.8#

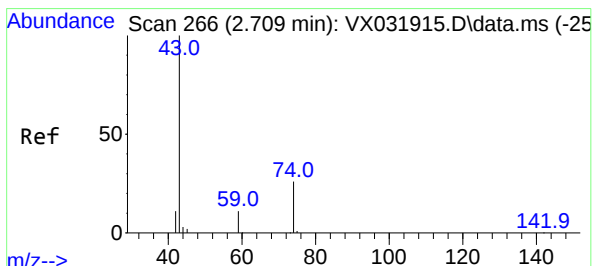
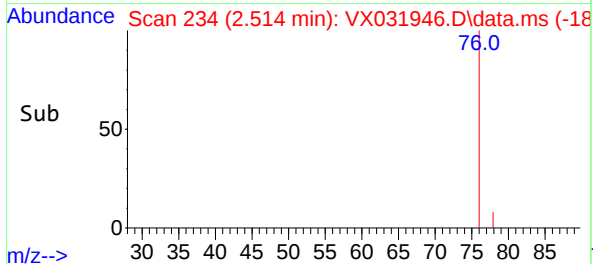
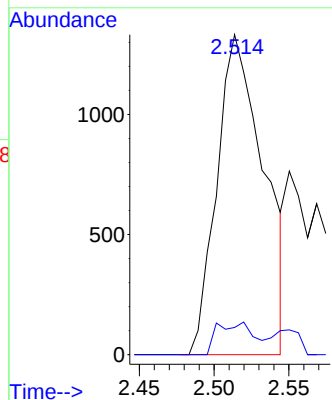
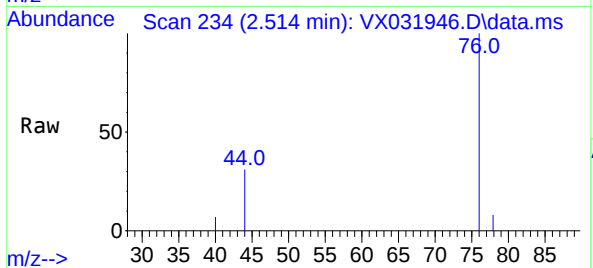




#17
Carbon Disulfide
Concen: 1.562 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

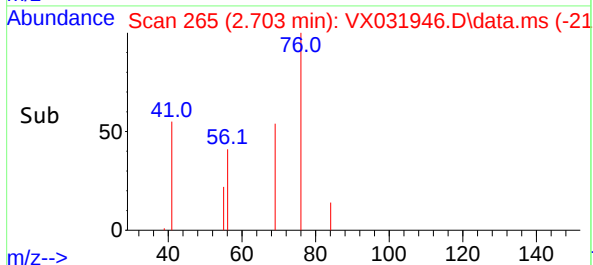
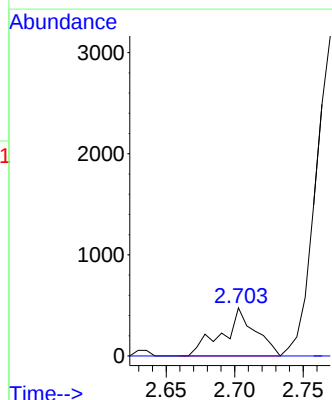
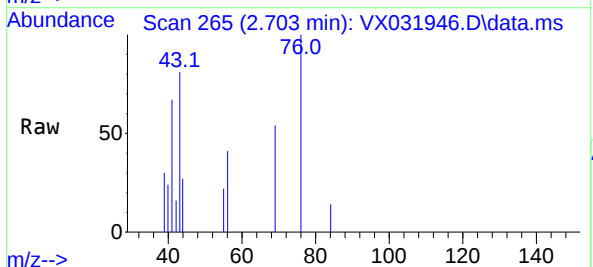
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

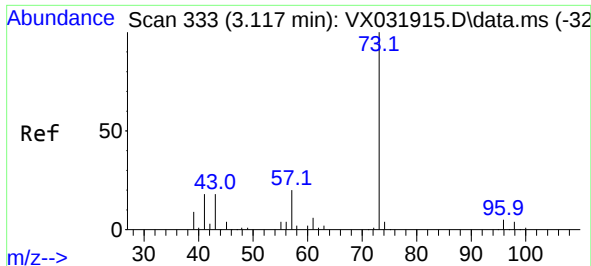
Tgt Ion: 76 Resp: 2891
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.605 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

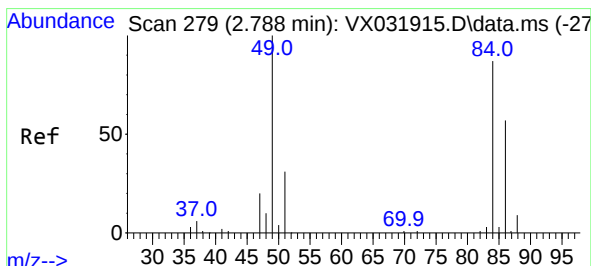
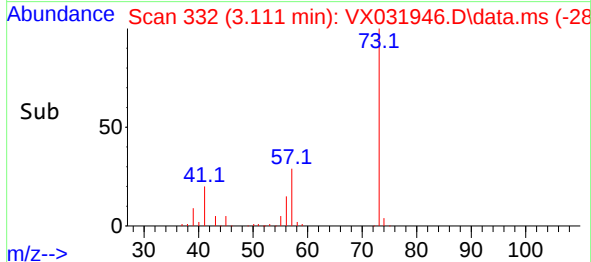
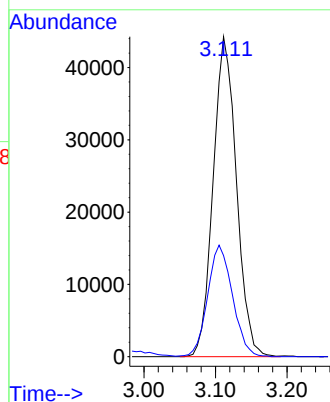
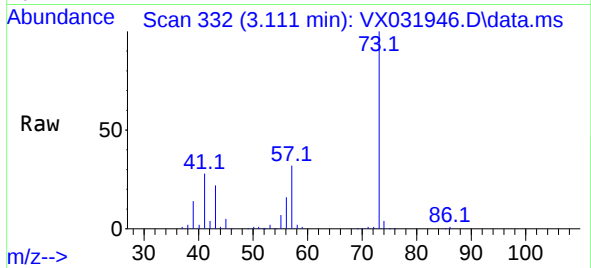




#19
Methyl tert-butyl Ether
Concen: 34.612 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

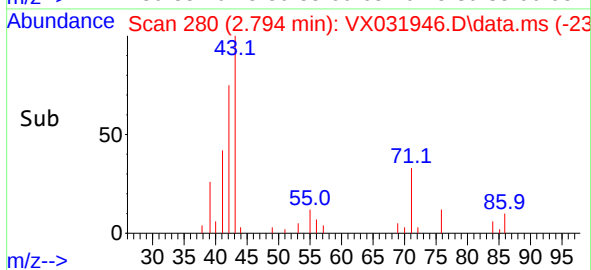
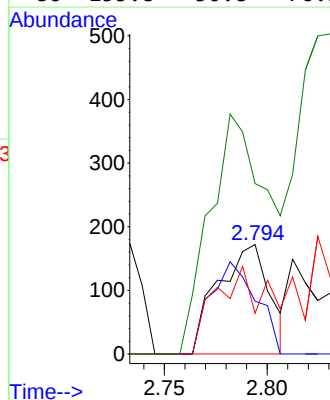
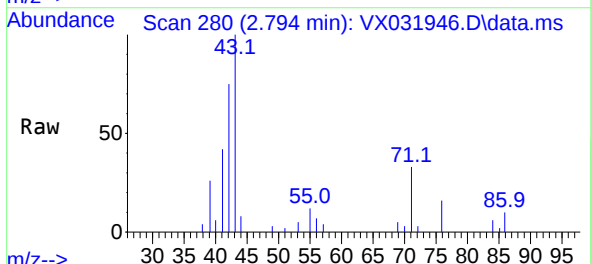
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

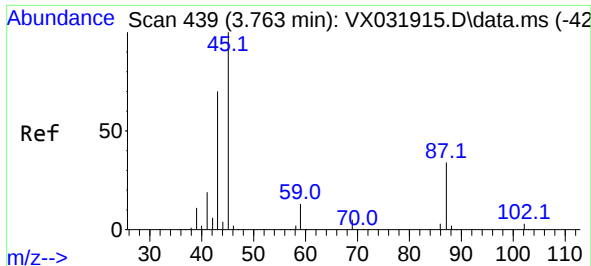
Tgt Ion: 73 Resp: 100074
Ion Ratio Lower Upper
73 100
57 31.6 17.2 25.8#



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 84 Resp: 299
Ion Ratio Lower Upper
84 100
49 48.3 105.9 158.9#
51 37.2 32.2 48.2
86 155.8 50.8 76.2#

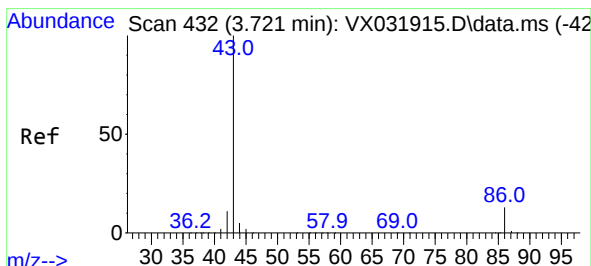
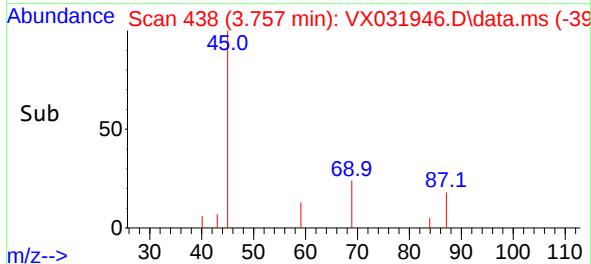
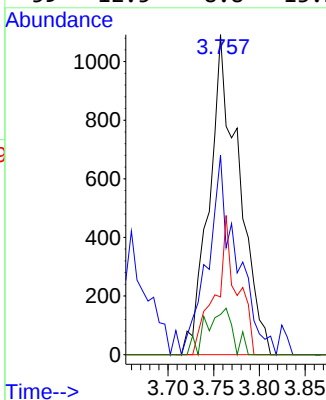
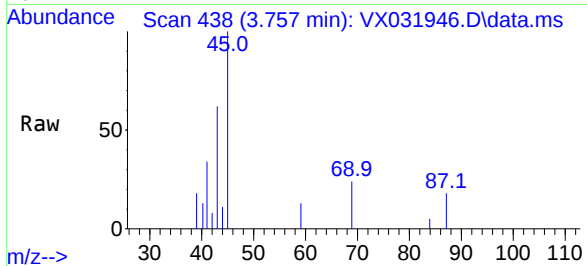




#22
Diisopropyl ether
Concen: 0.899 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

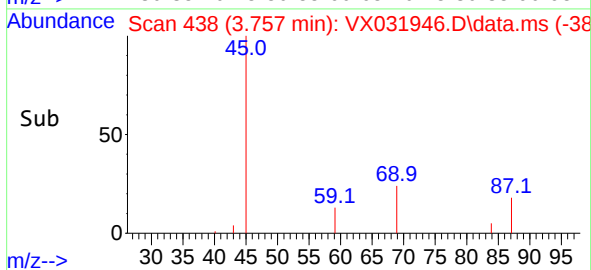
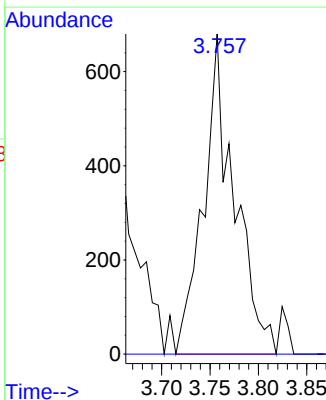
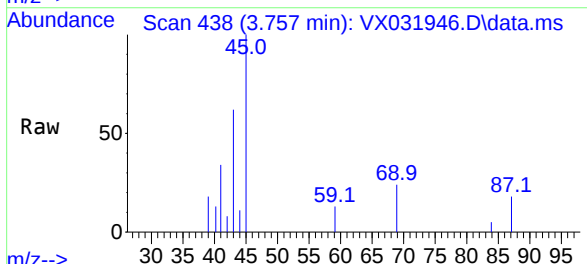
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

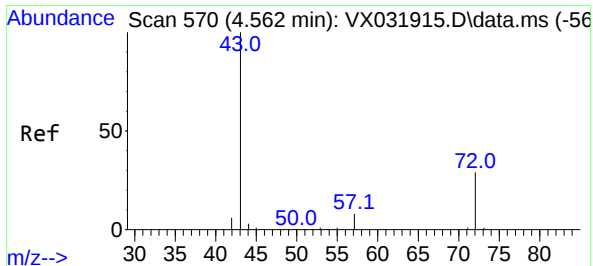
Tgt Ion:	45	Resp:	2479
Ion	Ratio	Lower	Upper
45	100		
43	62.3	59.0	88.6
87	18.0	22.6	33.8#
59	12.5	8.8	13.2



#23
Vinyl Acetate
Concen: 0.730 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.036 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:	43	Resp:	1503
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#





#25

2-Butanone

Concen: 14.230 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

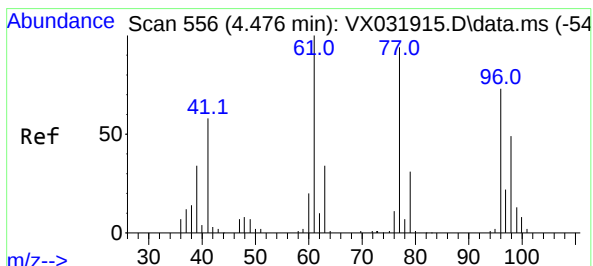
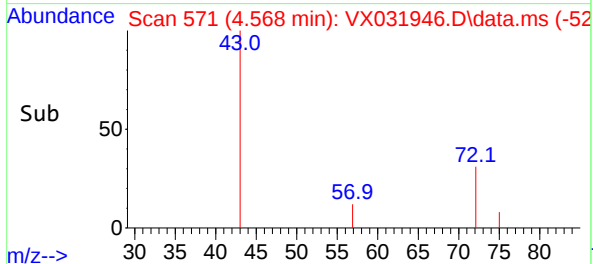
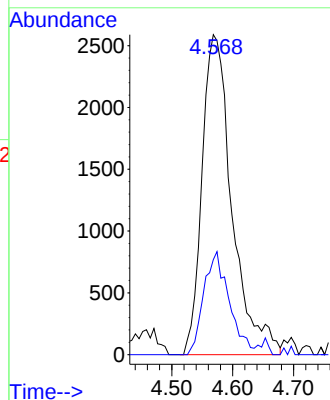
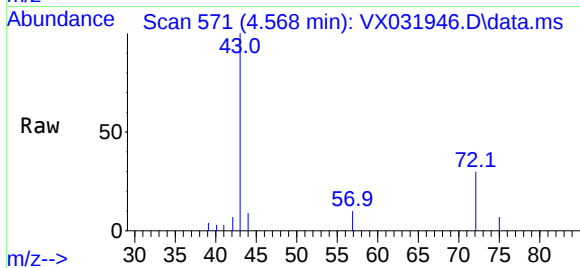
DUP092722

Tgt Ion: 43 Resp: 8832

Ion Ratio Lower Upper

43 100

72 29.7 21.1 31.7



#26

2,2-Dichloropropane

Concen: 0.717 ug/l

RT: 4.306 min Scan# 528

Delta R.T. -0.170 min

Lab File: VX031946.D

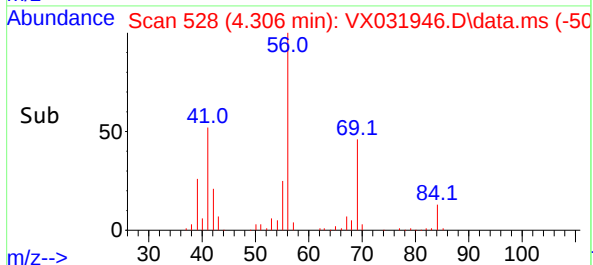
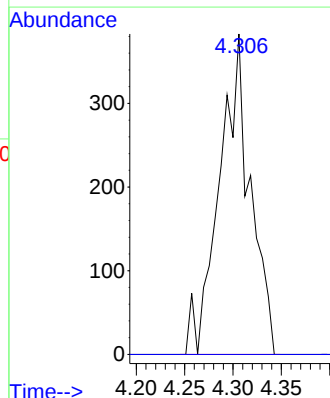
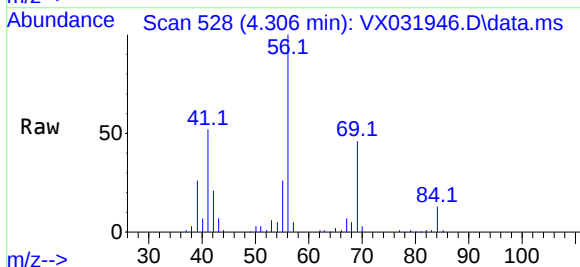
Acq: 07 Oct 2022 02:16

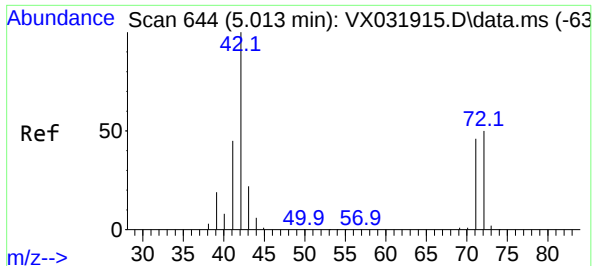
Tgt Ion: 77 Resp: 851

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#





#29

Tetrahydrofuran

Concen: 0.916 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

DUP092722

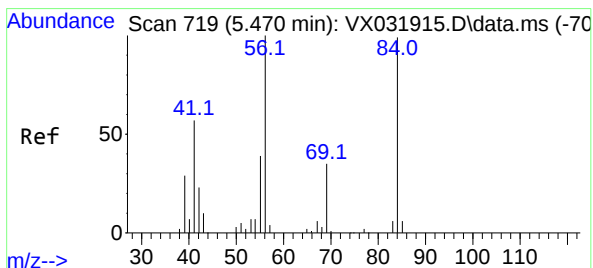
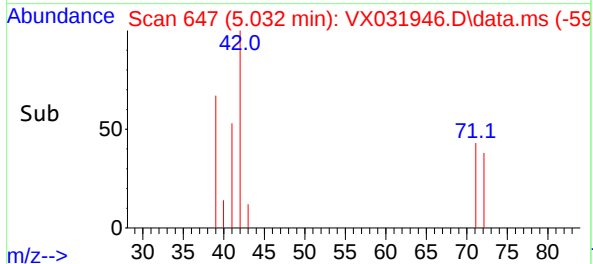
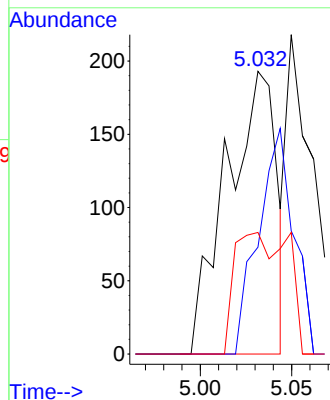
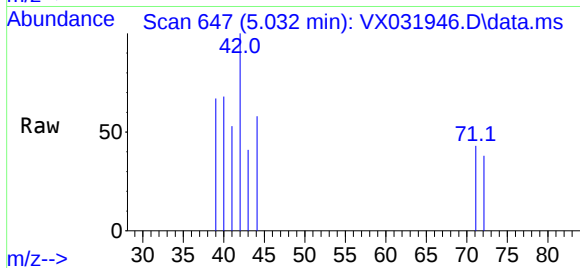
Tgt Ion: 42 Resp: 367

Ion Ratio Lower Upper

42 100

72 56.4 36.4 54.6#

71 45.8 33.5 50.3



#31

Cyclohexane

Concen: 29.696 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

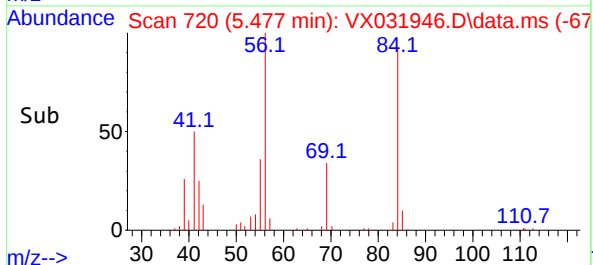
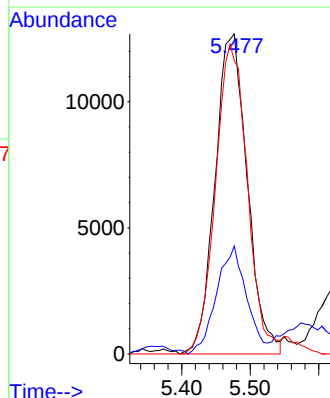
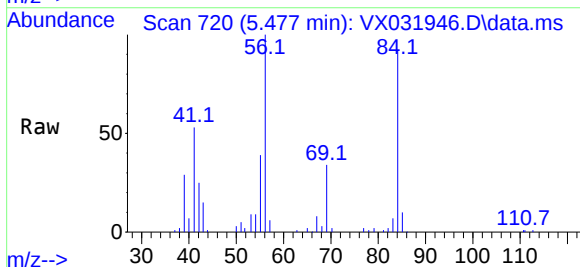
Tgt Ion: 56 Resp: 41443

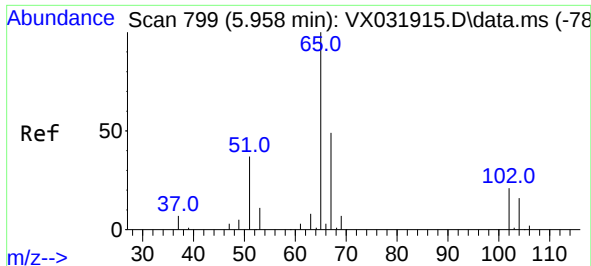
Ion Ratio Lower Upper

56 100

69 32.5 25.1 37.7

84 91.8 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 54.284 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

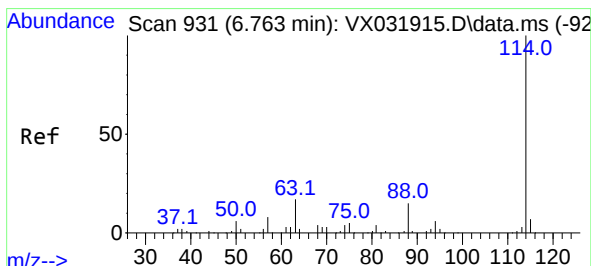
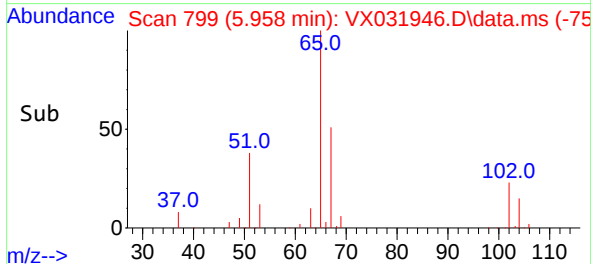
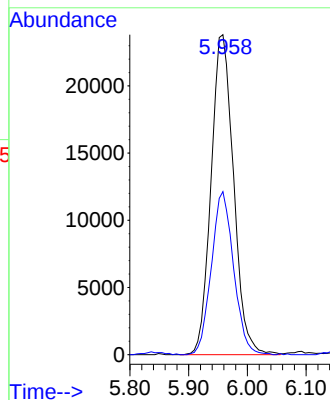
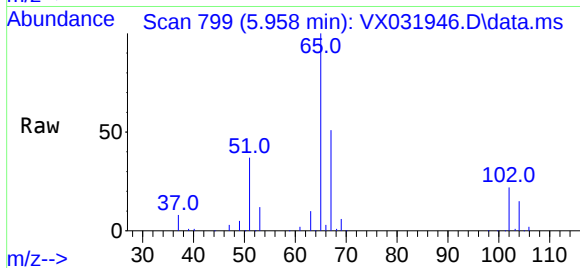
DUP092722

Tgt Ion: 65 Resp: 63415

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

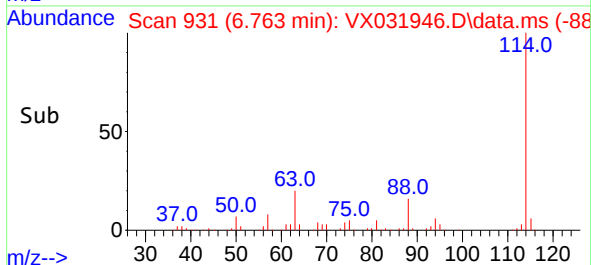
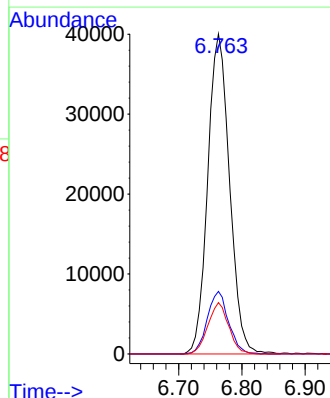
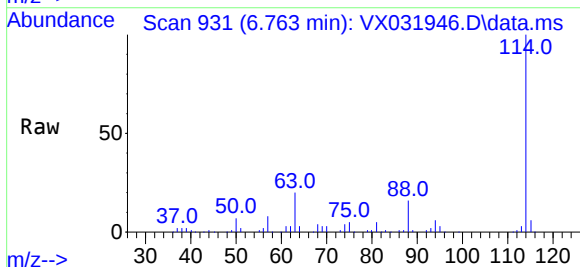
Tgt Ion: 114 Resp: 95907

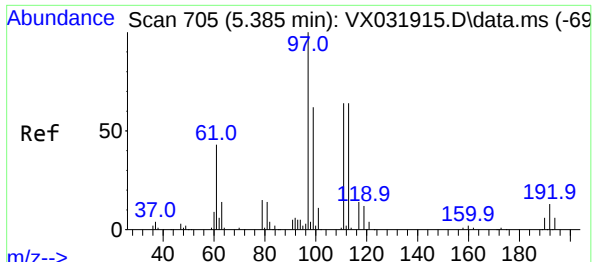
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

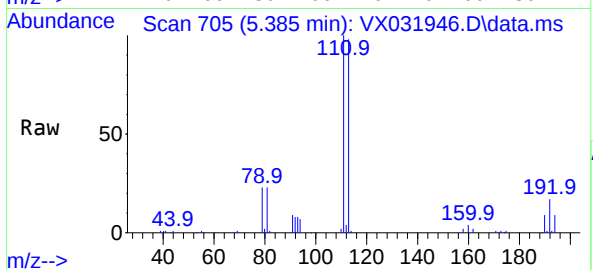
88 16.1 0.0 33.0



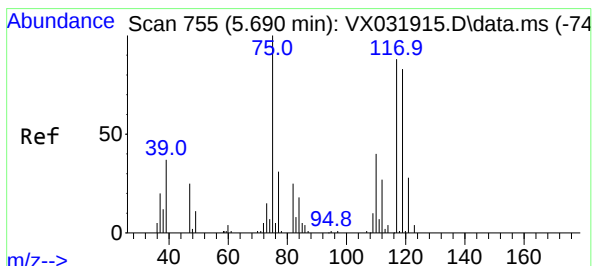
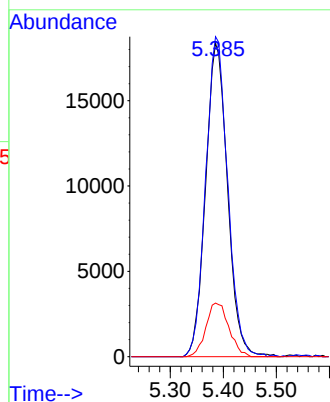
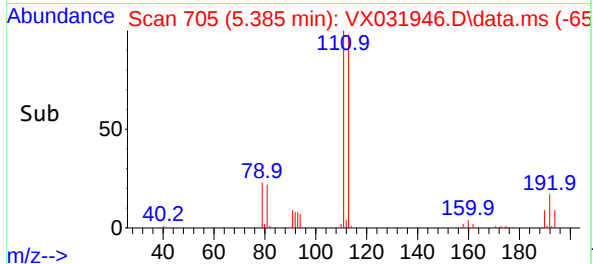


#35
Dibromofluoromethane
Concen: 48.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

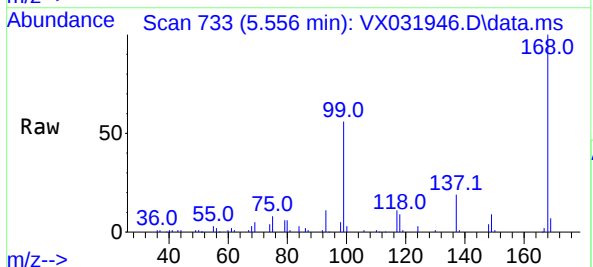
Instrument :
MSVOA_X
ClientSampleId :
DUP092722



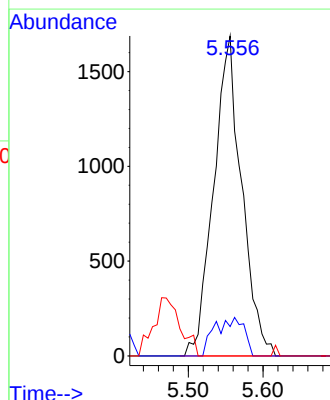
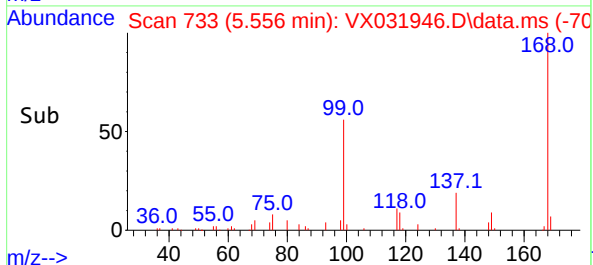
Tgt Ion:113 Resp: 52644
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.9 14.1 21.1

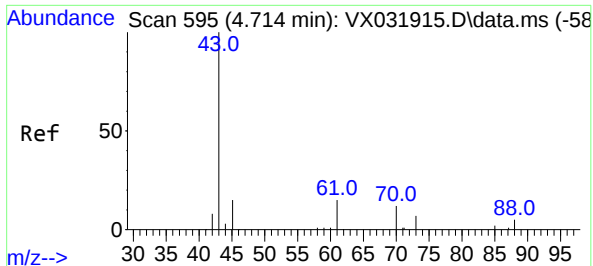


#36
1,1-Dichloropropene
Concen: 3.053 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16



Tgt Ion: 75 Resp: 4395
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 6.517 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

DUP092722

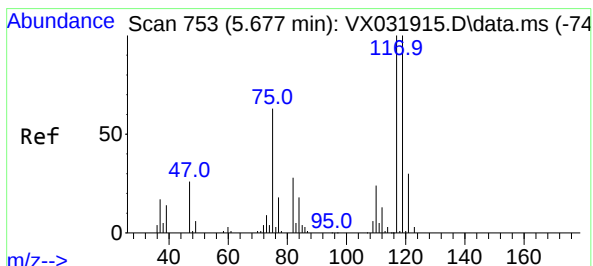
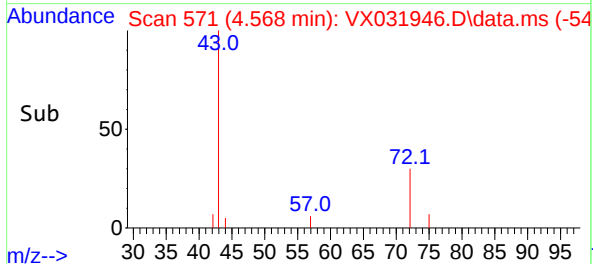
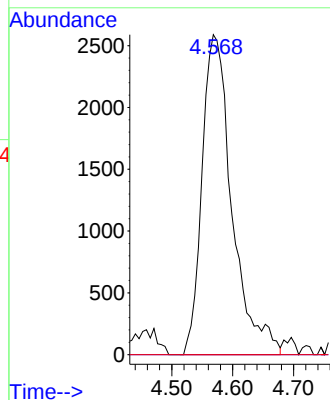
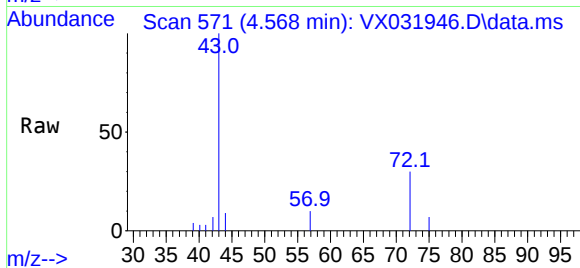
Tgt Ion: 43 Resp: 8832

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 3.910 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

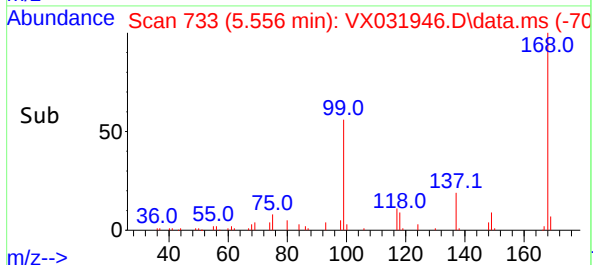
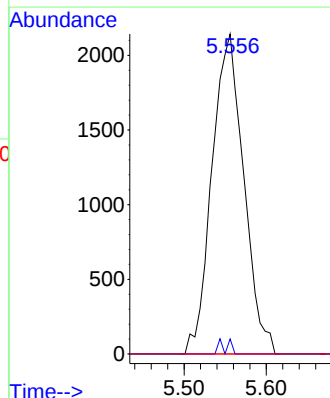
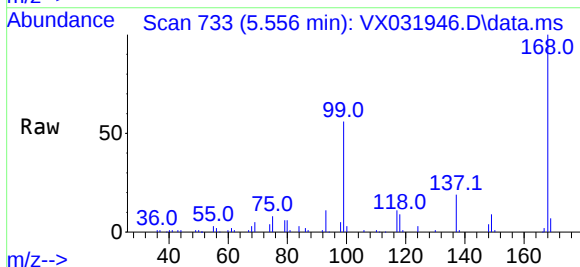
Tgt Ion: 117 Resp: 5755

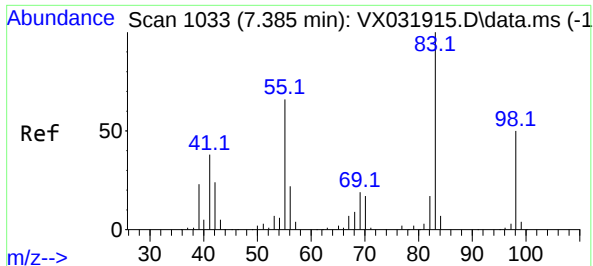
Ion Ratio Lower Upper

117 100

119 4.7 74.6 112.0#

121 0.0 25.3 37.9#





#39

Methylcyclohexane

Concen: 34.587 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

DUP092722

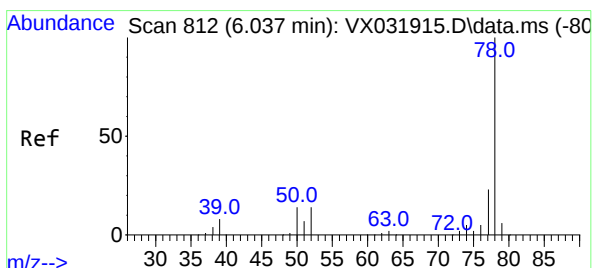
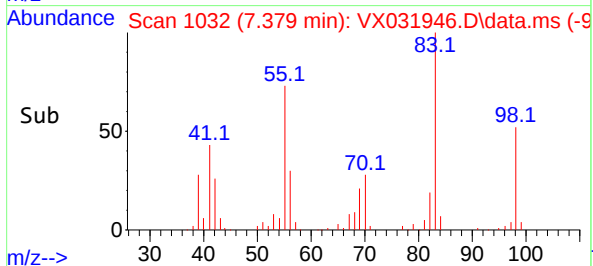
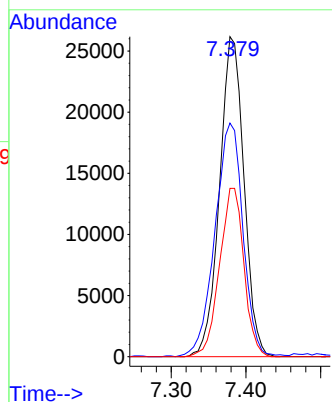
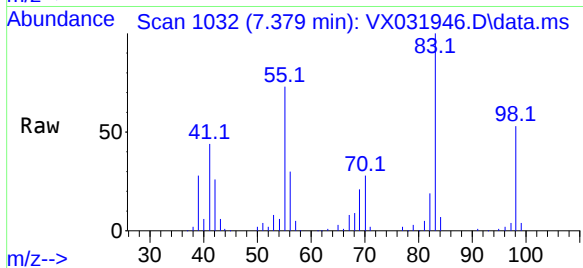
Tgt Ion: 83 Resp: 59391

Ion Ratio Lower Upper

83 100

55 72.6 61.0 91.4

98 52.6 37.7 56.5



#40

Benzene

Concen: 82.515 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031946.D

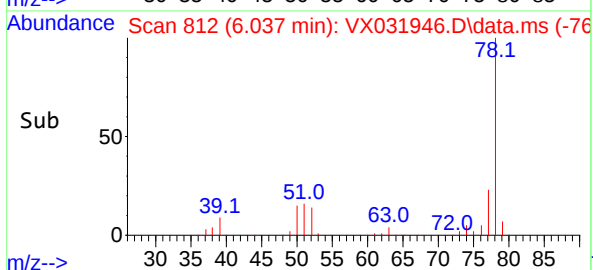
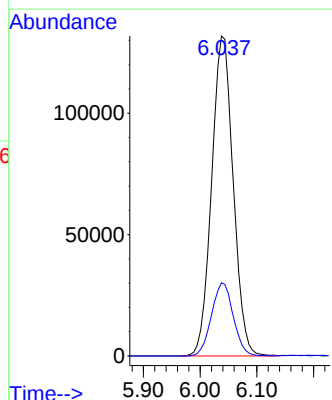
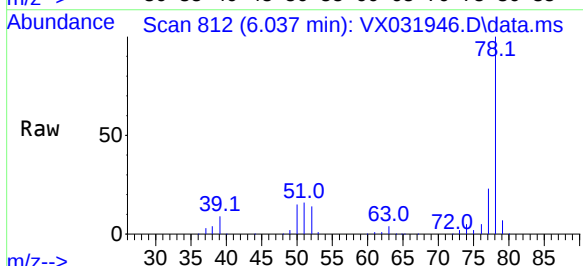
Acq: 07 Oct 2022 02:16

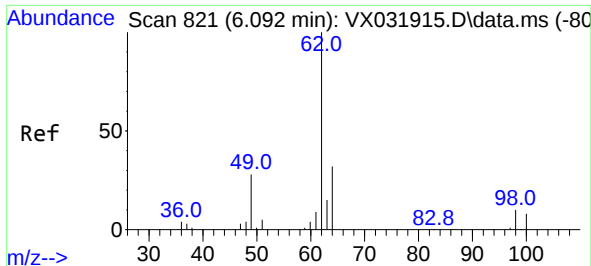
Tgt Ion: 78 Resp: 347835

Ion Ratio Lower Upper

78 100

77 22.9 18.7 28.1





#42

1,2-Dichloroethane

Concen: 5.768 ug/l

RT: 6.086 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

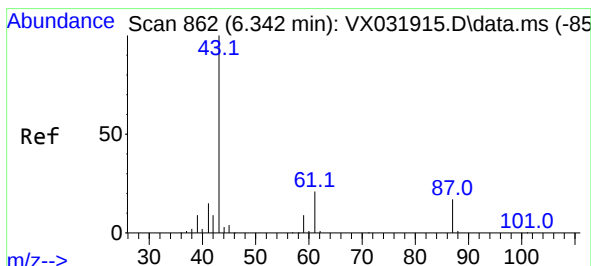
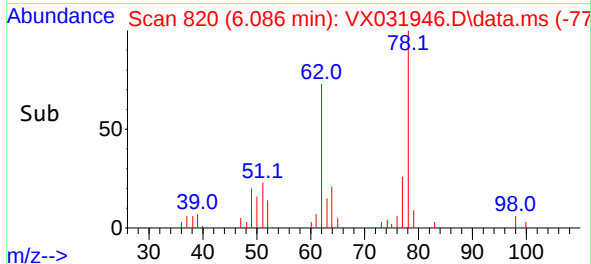
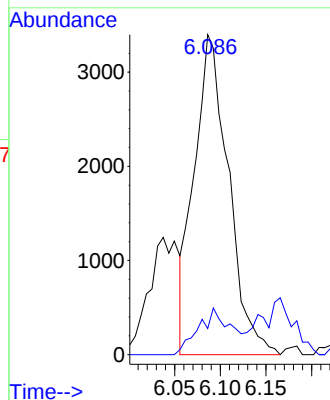
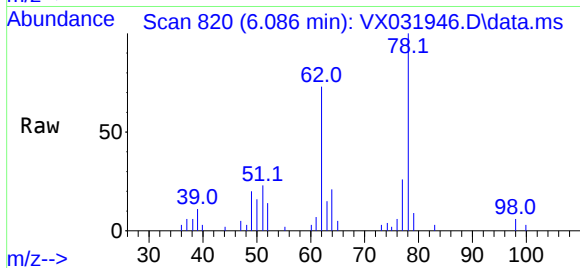
DUP092722

Tgt Ion: 62 Resp: 8861

Ion Ratio Lower Upper

62 100

98 13.6 0.0 17.8



#43

Isopropyl Acetate

Concen: 1.087 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

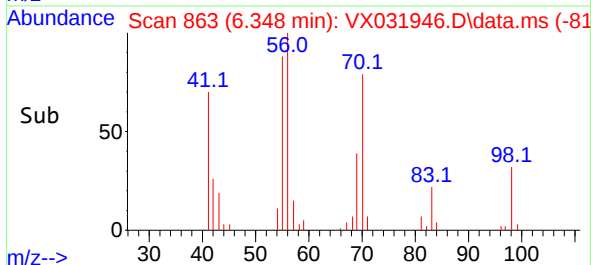
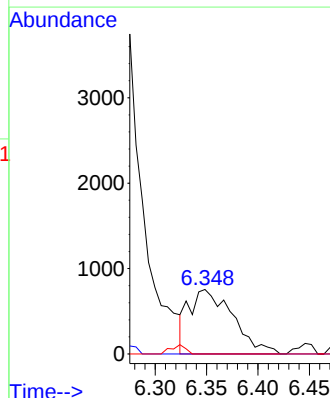
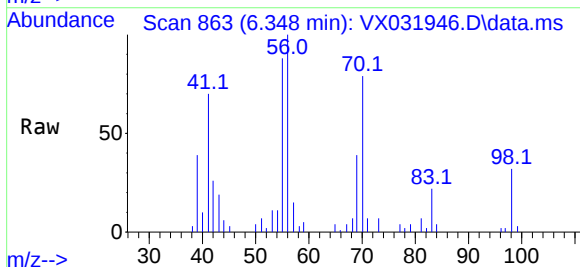
Tgt Ion: 43 Resp: 2235

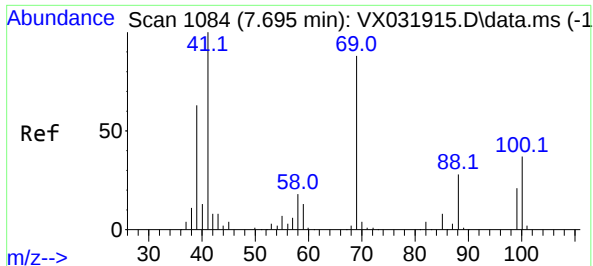
Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

87 0.0 10.6 15.8#





#48

Methyl methacrylate

Concen: 6.526 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

DUP092722

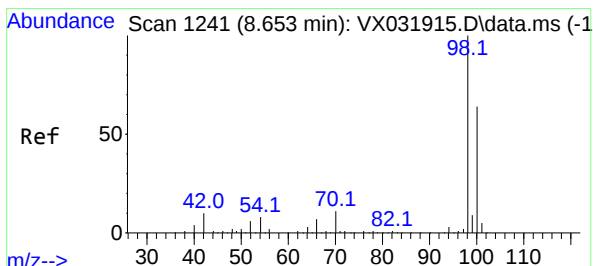
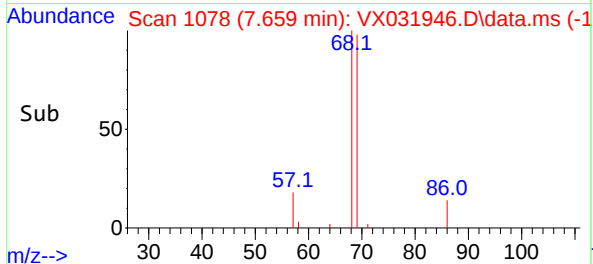
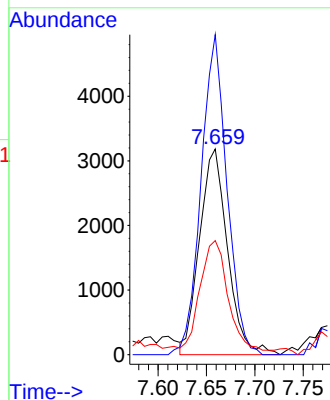
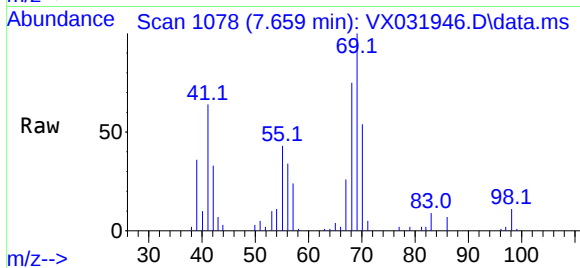
Tgt Ion: 41 Resp: 6412

Ion Ratio Lower Upper

41 100

69 144.1 64.6 96.8#

39 52.5 51.4 77.0



#50

Toluene-d8

Concen: 51.025 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031946.D

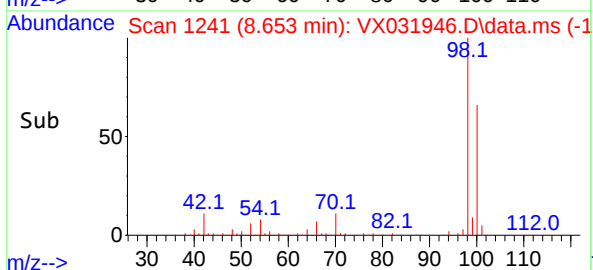
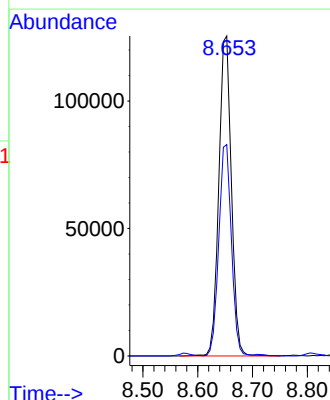
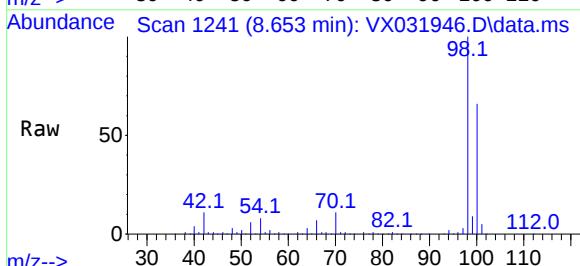
Acq: 07 Oct 2022 02:16

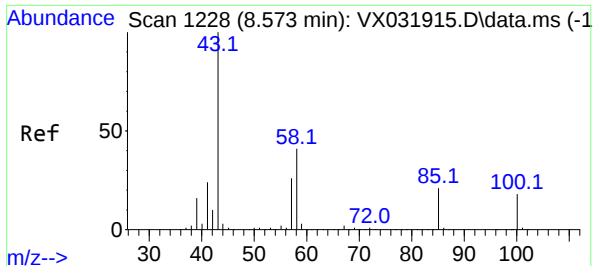
Tgt Ion: 98 Resp: 199326

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 5.974 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

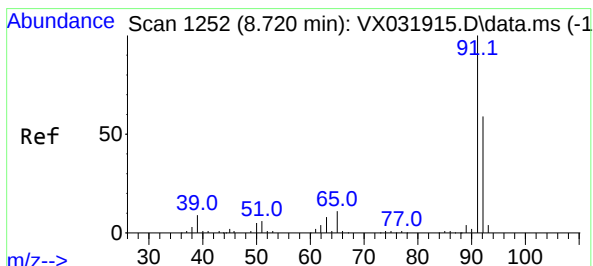
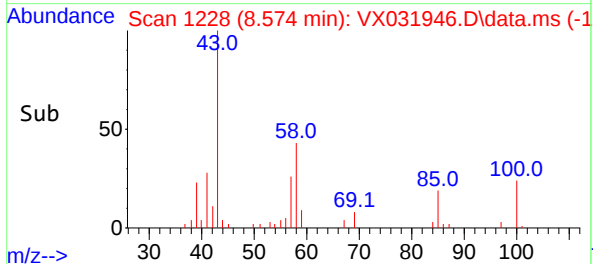
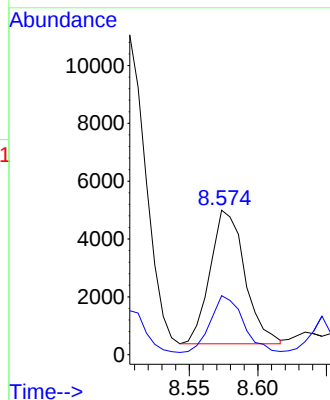
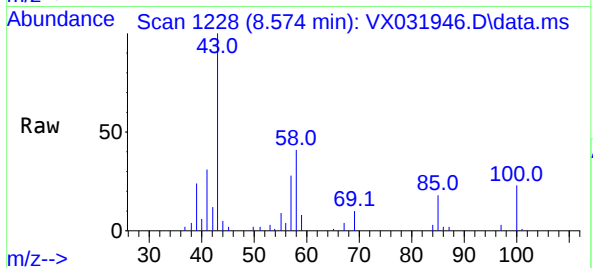
DUP092722

Tgt Ion: 43 Resp: 8140

Ion Ratio Lower Upper

43 100

58 44.3 30.6 46.0



#52

Toluene

Concen: 172.290 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031946.D

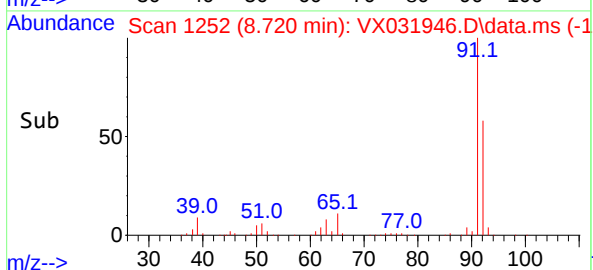
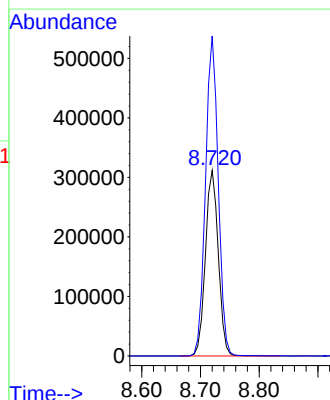
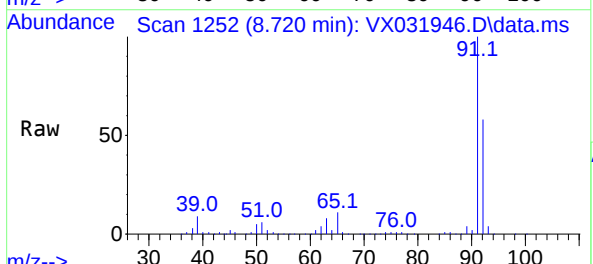
Acq: 07 Oct 2022 02:16

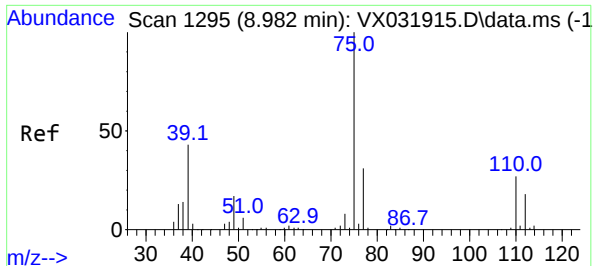
Tgt Ion: 92 Resp: 474859

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.383 ug/l

RT: 8.842 min Scan# 11

Delta R.T. -0.140 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

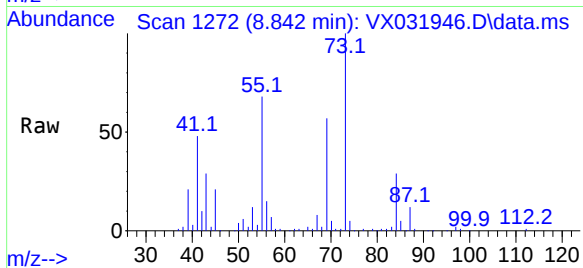
DUP092722

Tgt Ion: 75 Resp: 269

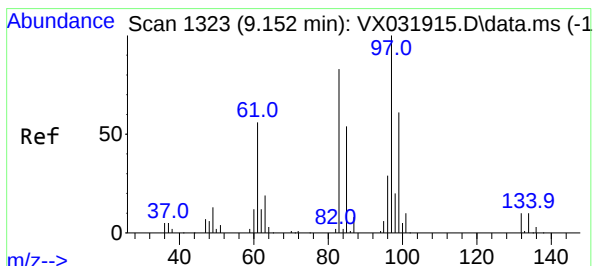
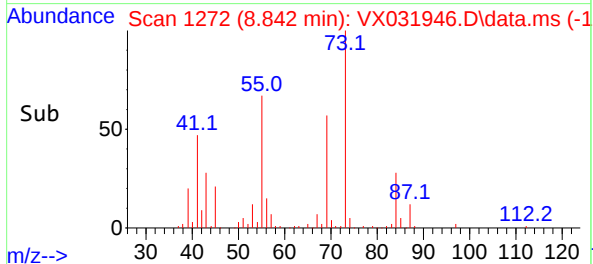
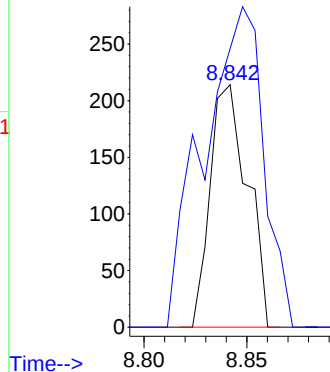
Ion Ratio Lower Upper

75 100

77 83.6 24.8 37.2#



Abundance



#55

1,1,2-Trichloroethane

Concen: 0.548 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Tgt Ion: 97 Resp: 638

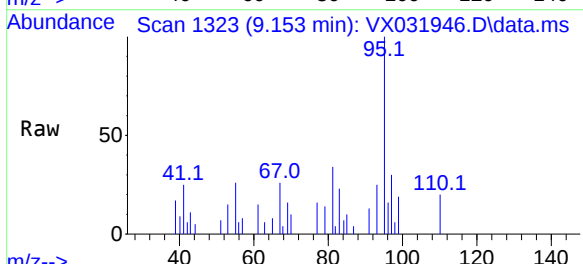
Ion Ratio Lower Upper

97 100

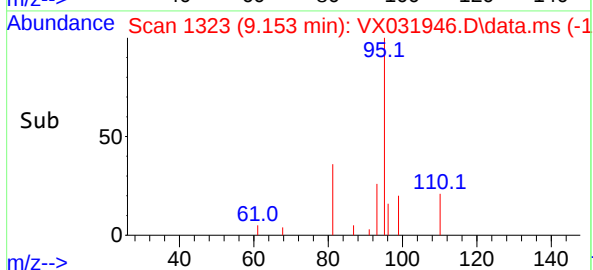
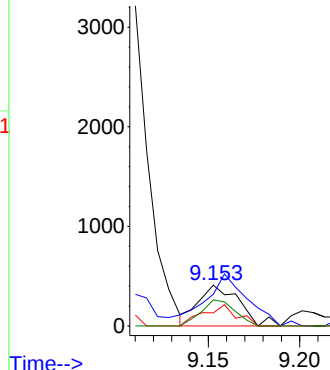
83 77.8 69.0 103.6

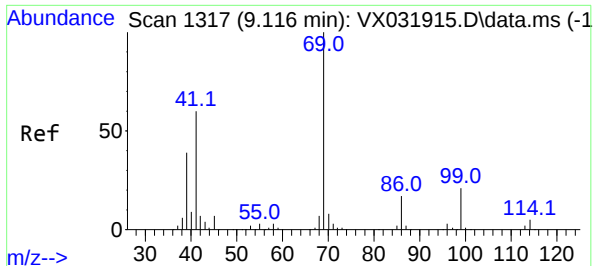
85 32.2 44.1 66.1#

99 64.1 51.3 76.9



Abundance





#56

Ethyl methacrylate

Concen: 1.005 ug/l

RT: 9.098 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

DUP092722

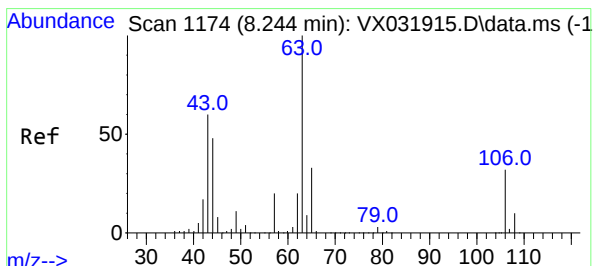
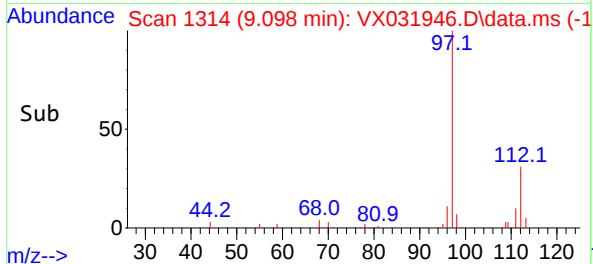
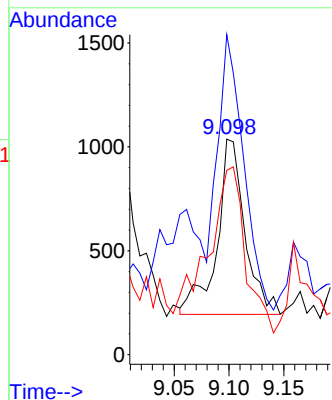
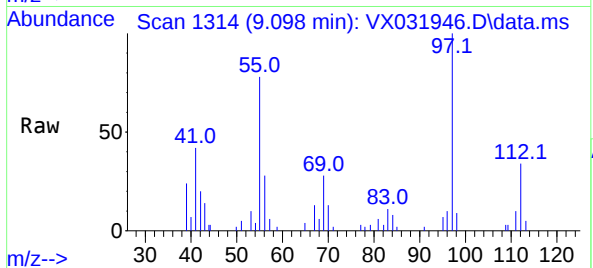
Tgt Ion: 69 Resp: 1499

Ion Ratio Lower Upper

69 100

41 145.8 54.2 81.4#

39 130.3 34.2 51.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.504 ug/l

RT: 8.165 min Scan# 1161

Delta R.T. -0.079 min

Lab File: VX031946.D

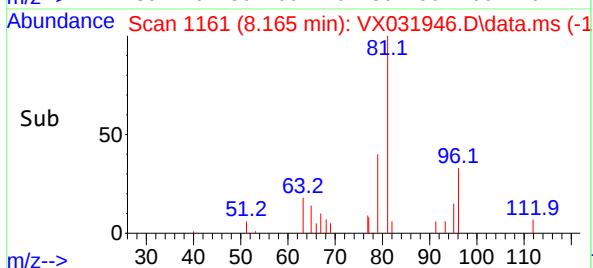
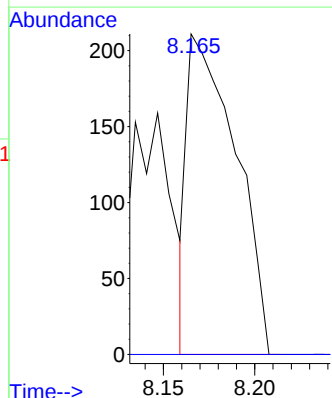
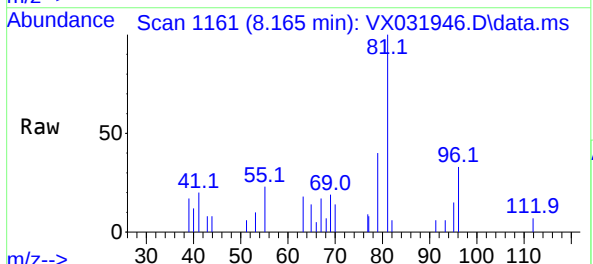
Acq: 07 Oct 2022 02:16

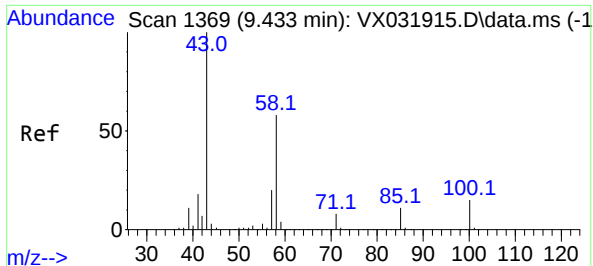
Tgt Ion: 63 Resp: 388

Ion Ratio Lower Upper

63 100

106 0.0 22.6 34.0#





#59

2-Hexanone

Concen: 22.575 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

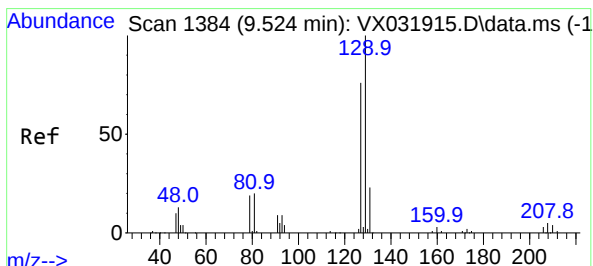
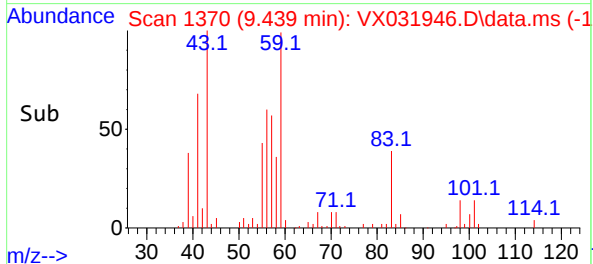
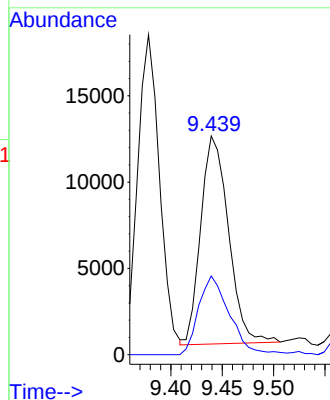
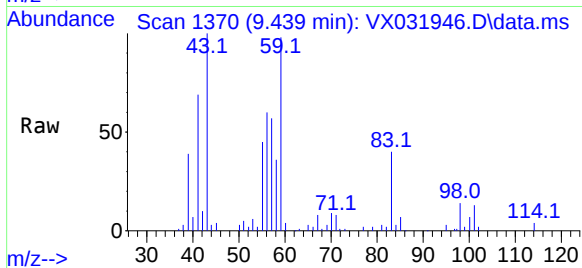
DUP092722

Tgt Ion: 43 Resp: 22682

Ion Ratio Lower Upper

43 100

58 42.1 26.7 80.0



#60

Dibromochloromethane

Concen: 0.407 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX031946.D

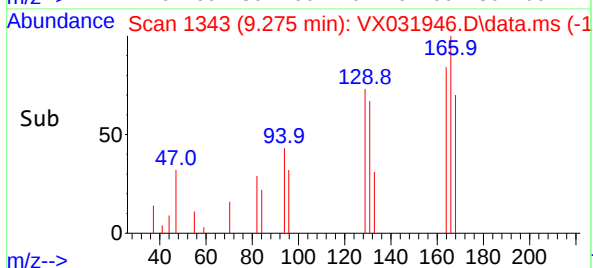
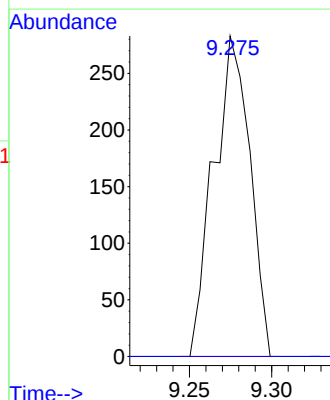
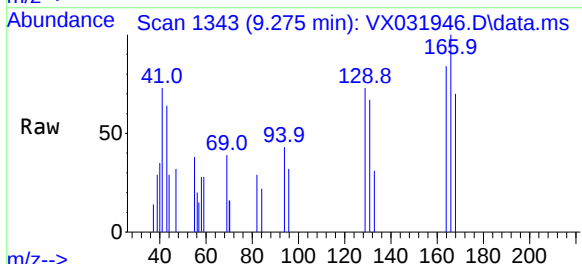
Acq: 07 Oct 2022 02:16

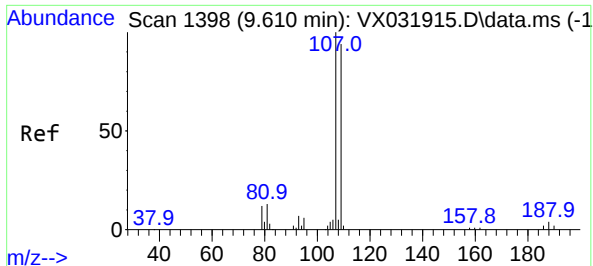
Tgt Ion:129 Resp: 433

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#





#61

1,2-Dibromoethane

Concen: 0.237 ug/l

RT: 9.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

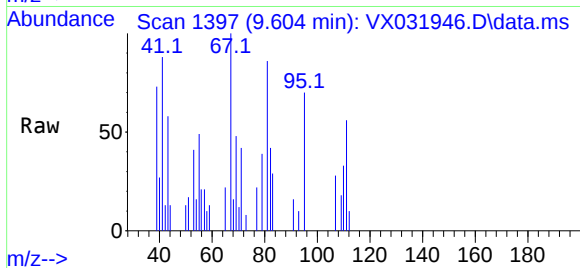
DUP092722

Tgt Ion:107 Resp: 277

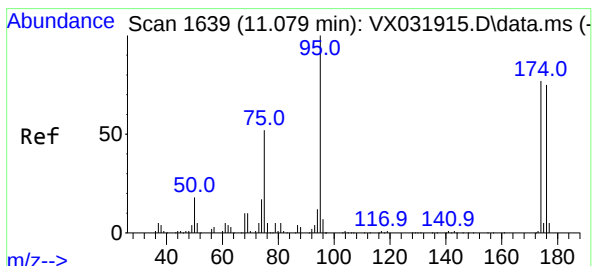
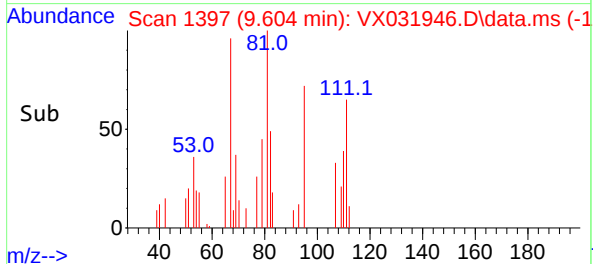
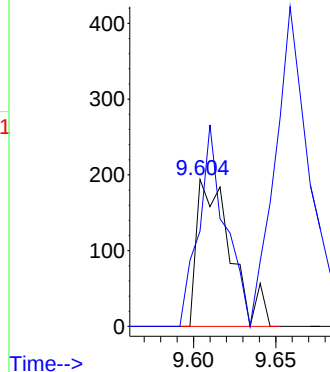
Ion Ratio Lower Upper

107 100

109 107.9 74.2 111.4



Abundance



#62

4-Bromofluorobenzene

Concen: 54.785 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

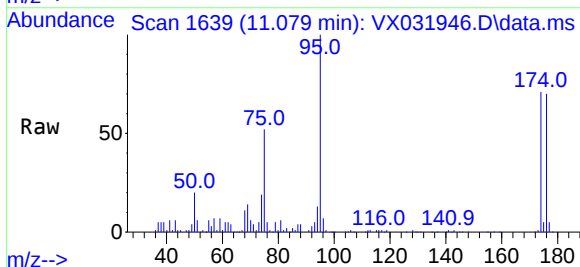
Tgt Ion: 95 Resp: 75660

Ion Ratio Lower Upper

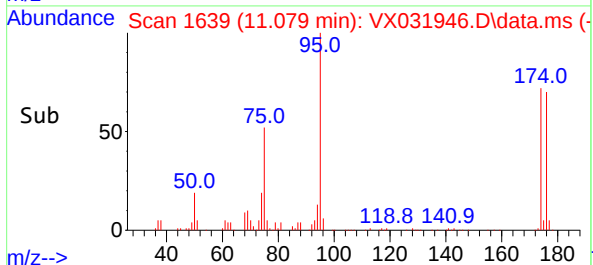
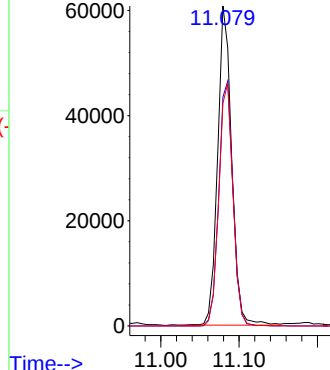
95 100

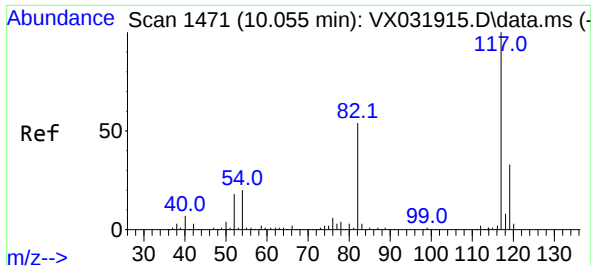
174 78.0 0.0 153.2

176 76.3 0.0 144.0



Abundance

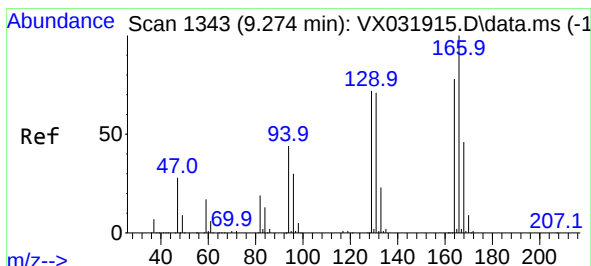
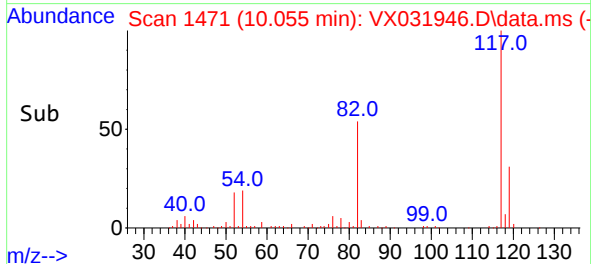
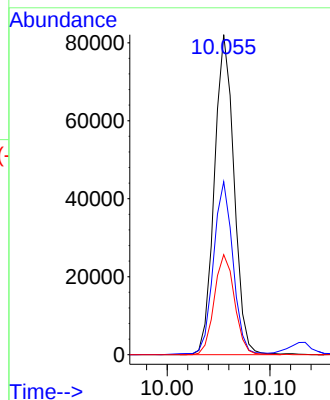
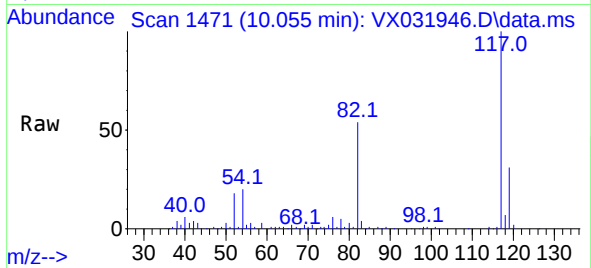




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

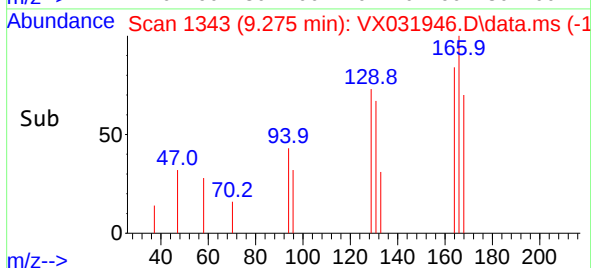
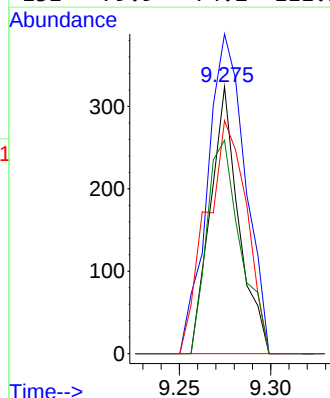
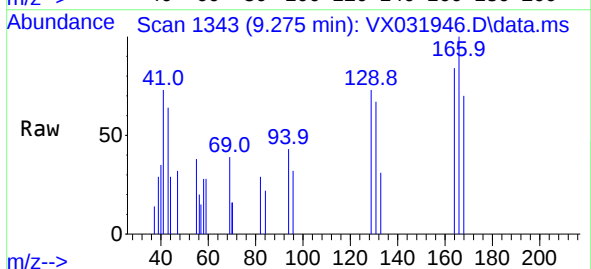
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

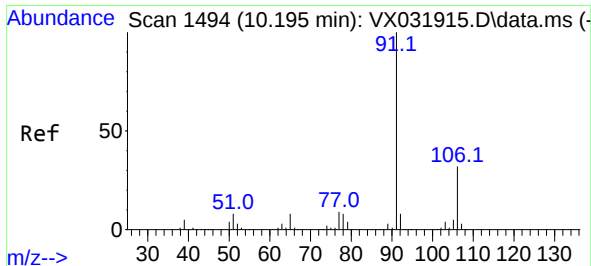
Tgt Ion:117 Resp: 108651
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 31.2 26.4 39.6



#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:164 Resp: 352
Ion Ratio Lower Upper
164 100
166 119.8 99.0 148.4
129 87.3 78.0 117.0
131 79.9 74.2 111.2





#67

Ethyl Benzene

Concen: 666.235 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX031946.D

Acq: 07 Oct 2022 02:16

Instrument :

MSVOA_X

ClientSampleId :

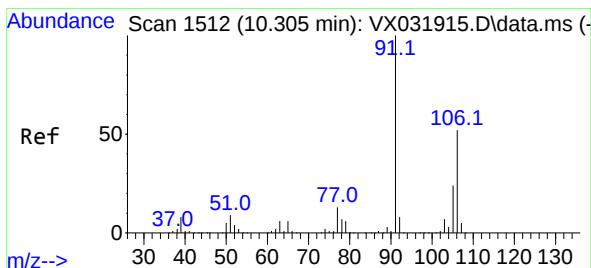
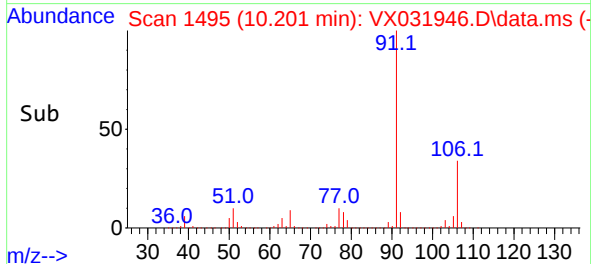
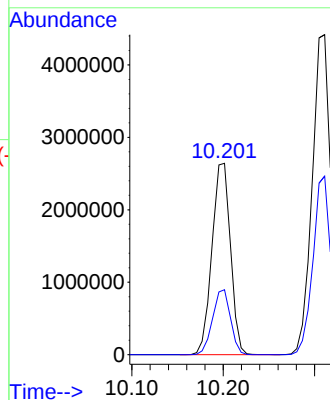
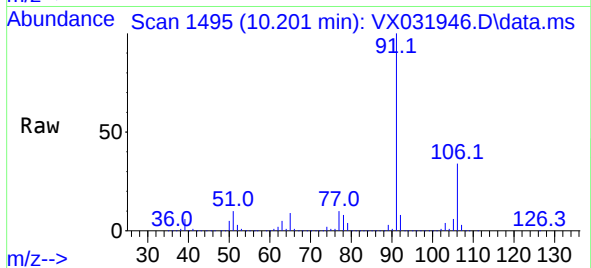
DUP092722

Tgt Ion: 91 Resp: 3710497

Ion Ratio Lower Upper

91 100

106 34.0 25.2 37.8



#68

m/p-Xylenes

Concen: 1484.137 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VX031946.D

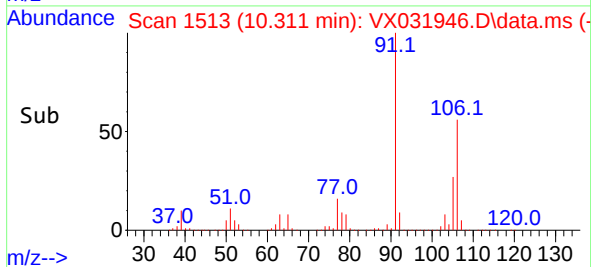
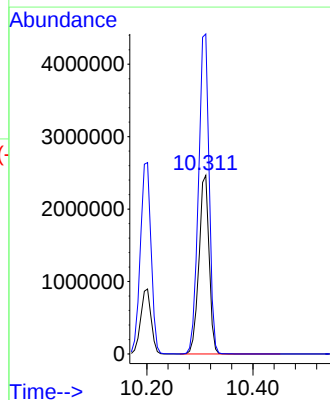
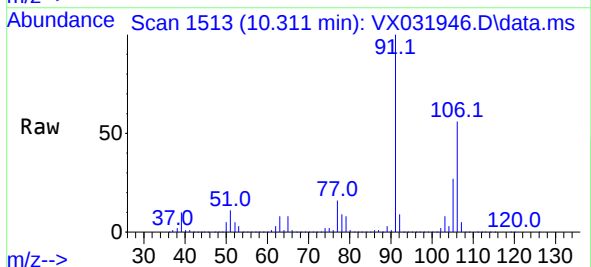
Acq: 07 Oct 2022 02:16

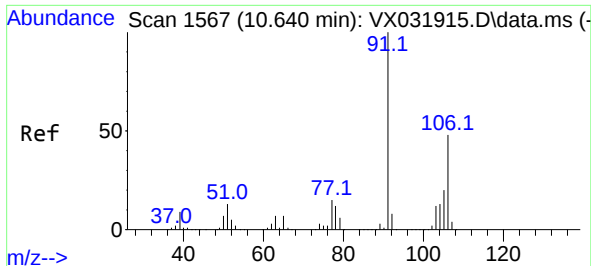
Tgt Ion:106 Resp: 3284711

Ion Ratio Lower Upper

106 100

91 187.4 161.0 241.4

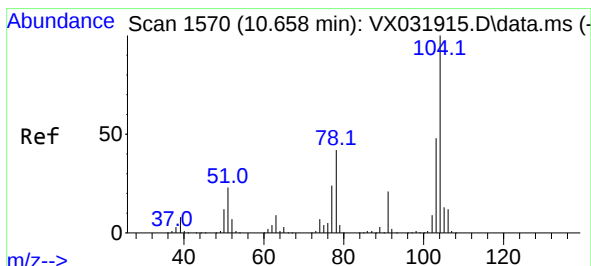
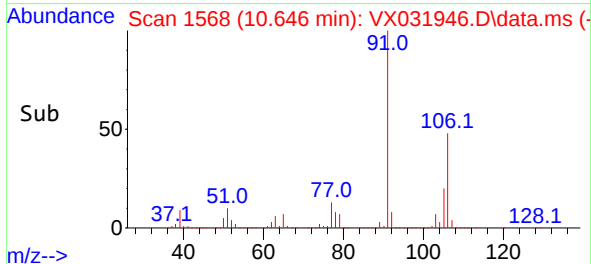
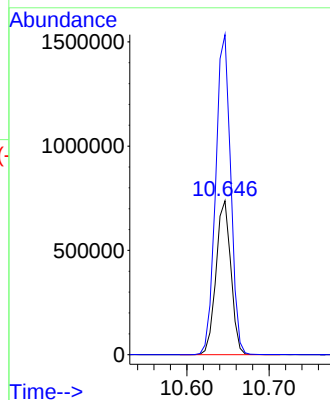
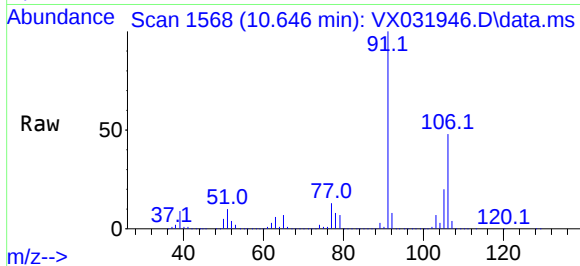




#69
o-Xylene
Concen: 430.041 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

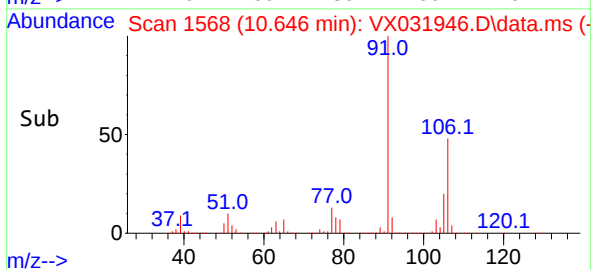
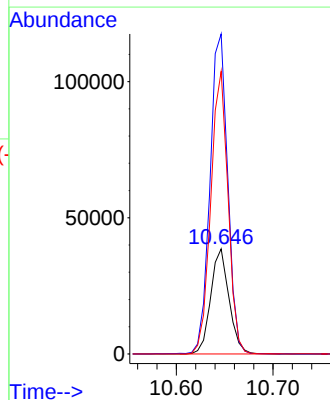
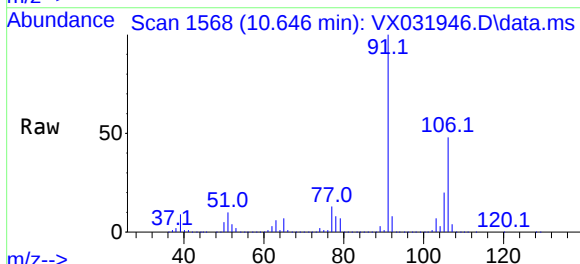
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

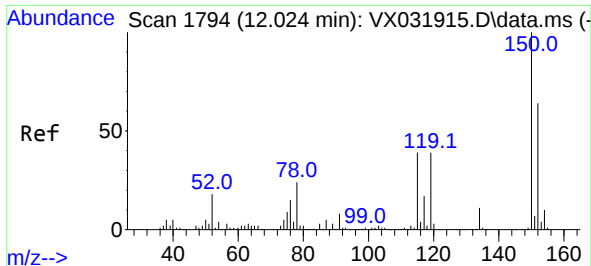
Tgt Ion:106 Resp: 925098
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6



#70
Styrene
Concen: 14.806 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:104 Resp: 50916
Ion Ratio Lower Upper
104 100
78 294.9 41.4 62.2#
103 253.0 43.8 65.8#

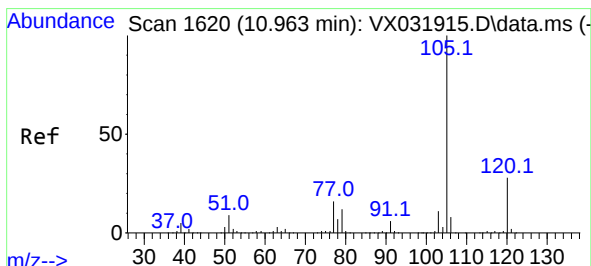
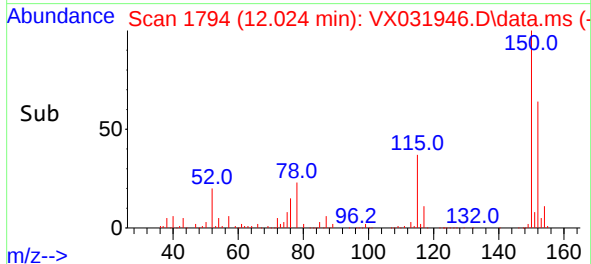
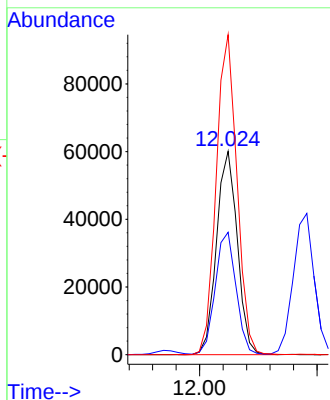
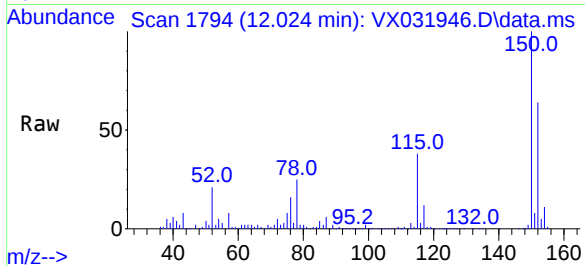




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

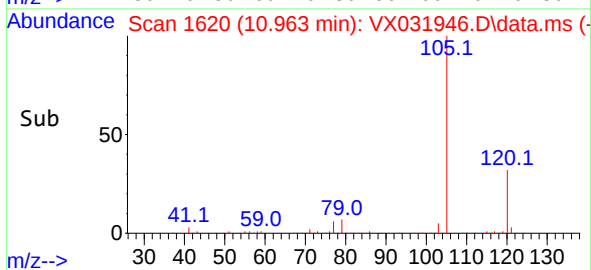
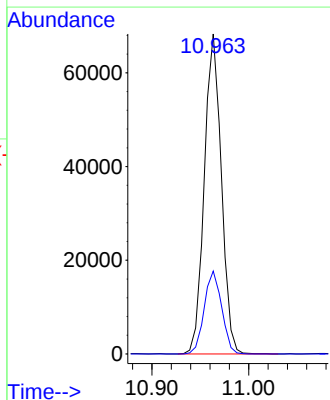
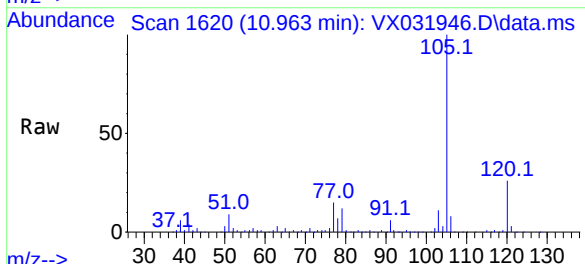
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

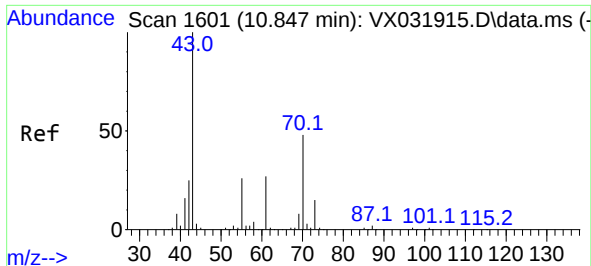
Tgt Ion:152 Resp: 73893
Ion Ratio Lower Upper
152 100
115 59.6 43.4 130.1
150 157.0 0.0 346.8



#73
Isopropylbenzene
Concen: 15.040 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:105 Resp: 83823
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

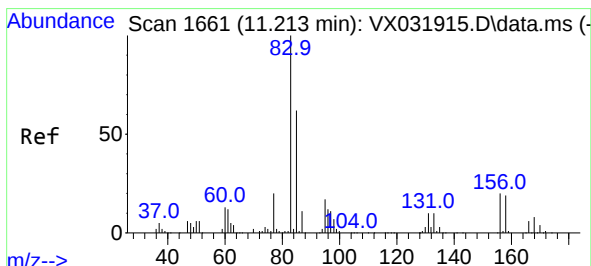
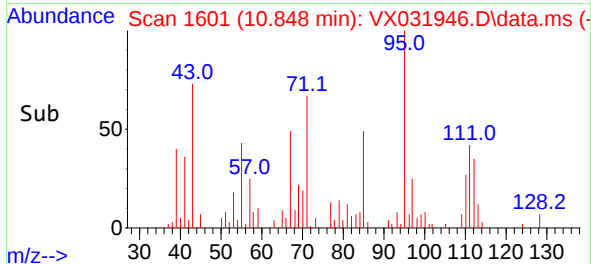
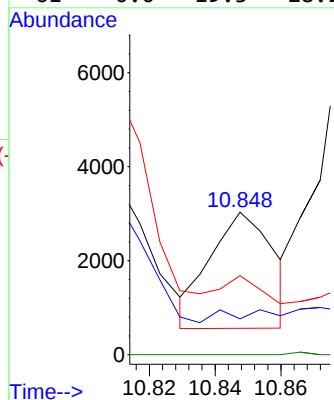
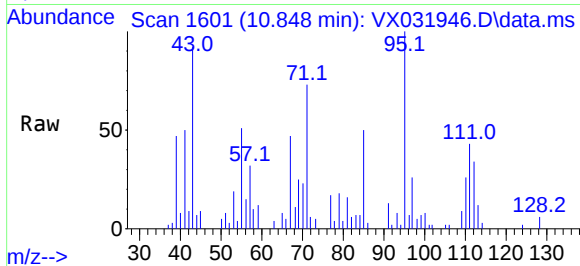




#74
N-amy1 acetate
Concen: 1.935 ug/l
RT: 10.848 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

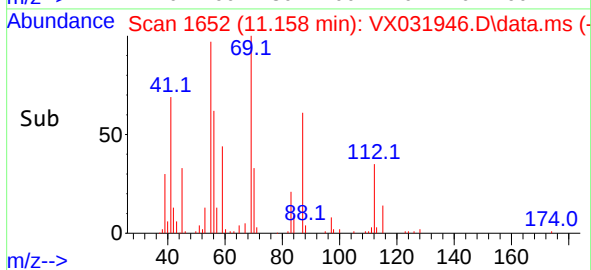
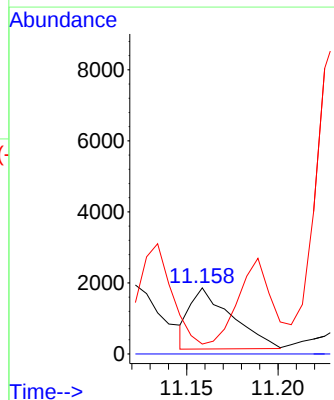
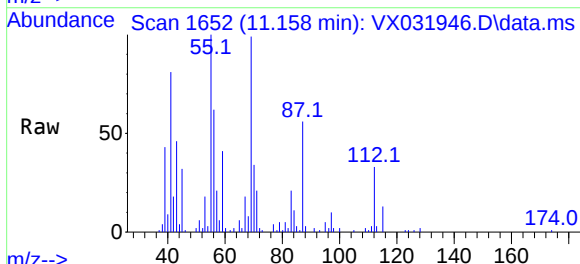
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

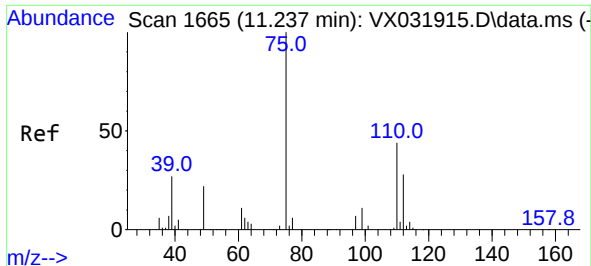
Tgt Ion:	43	Resp:	3294
Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.2#
55	0.0	18.2	27.2#
61	0.0	19.3	28.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.541 ug/l
RT: 11.158 min Scan# 1652
Delta R.T. -0.055 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:	83	Resp:	2729
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.6	97.8#

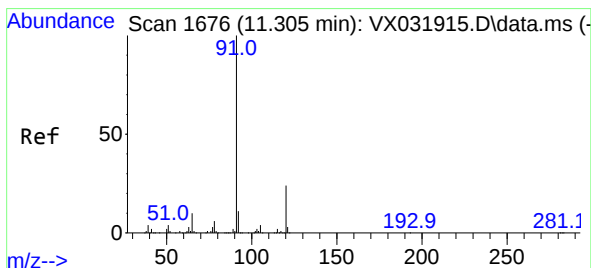
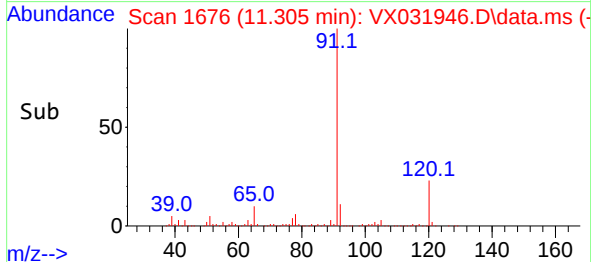
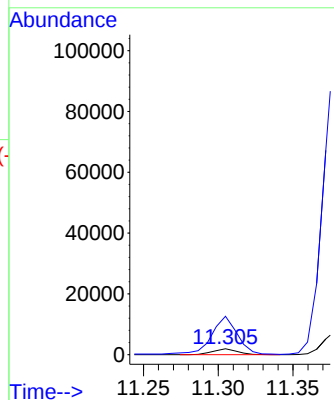
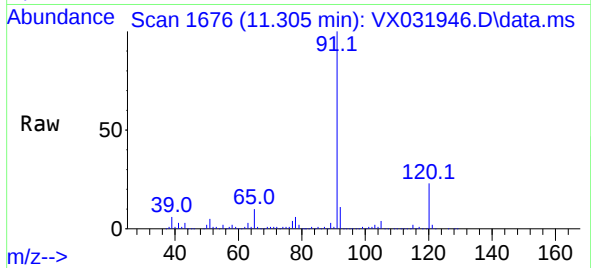




#76
1,2,3-Trichloropropane
Concen: 1.450 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.068 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

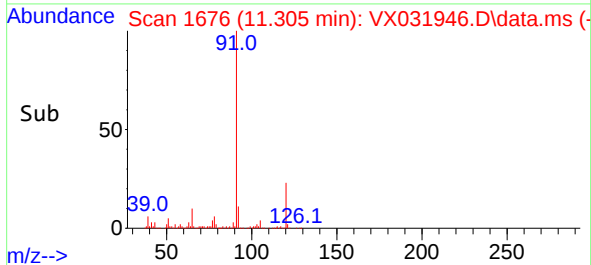
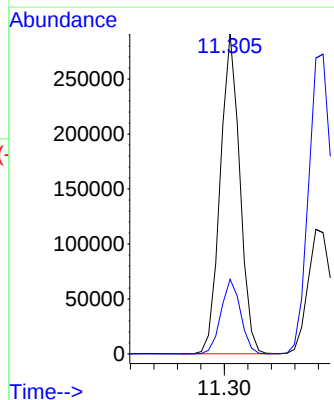
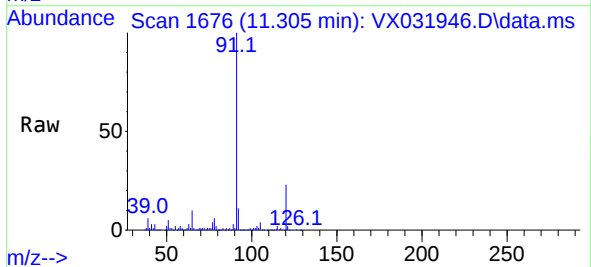
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

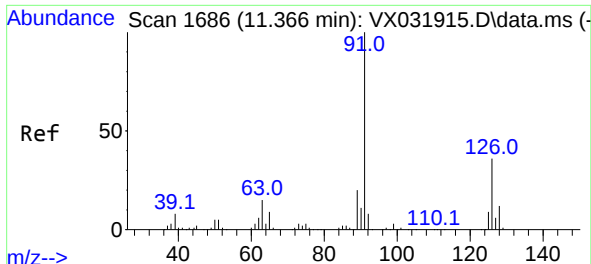
Tgt Ion: 75 Resp: 2196
Ion Ratio Lower Upper
75 100
77 680.5 20.3 60.9#



#78
n-propylbenzene
Concen: 53.116 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 91 Resp: 336703
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4

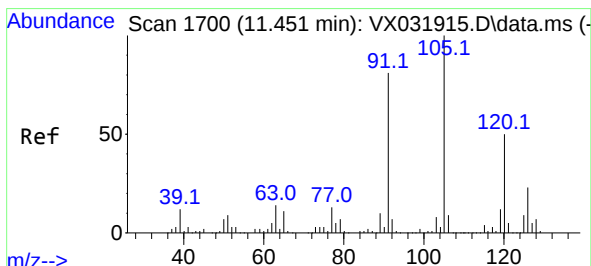
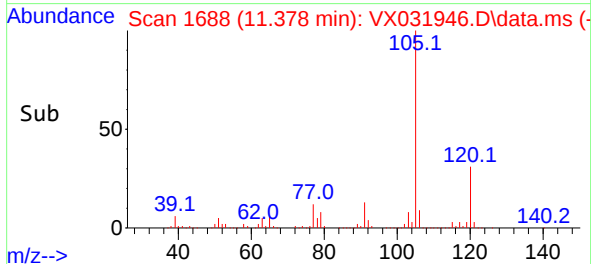
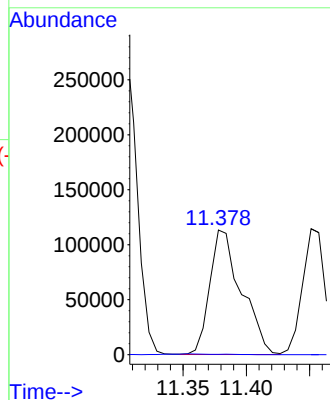
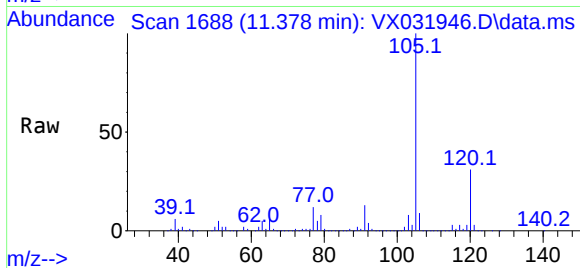




#79
2-Chlorotoluene
Concen: 51.721 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

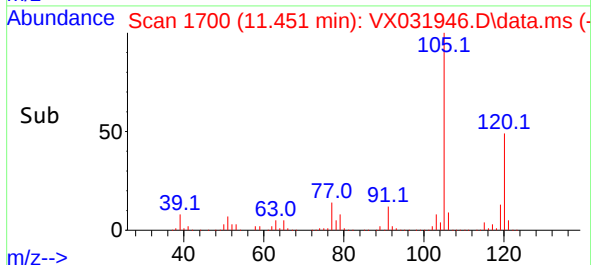
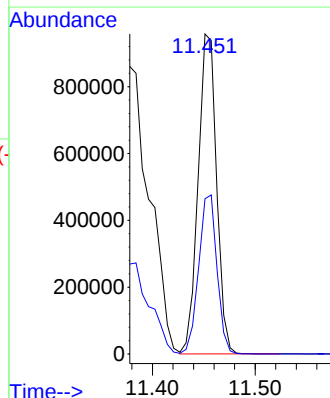
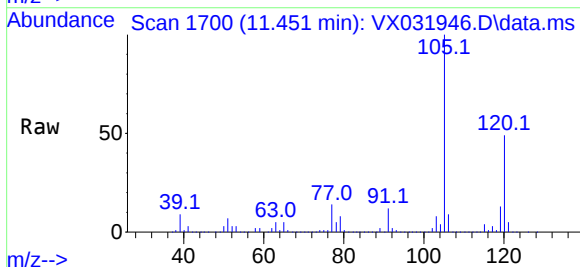
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

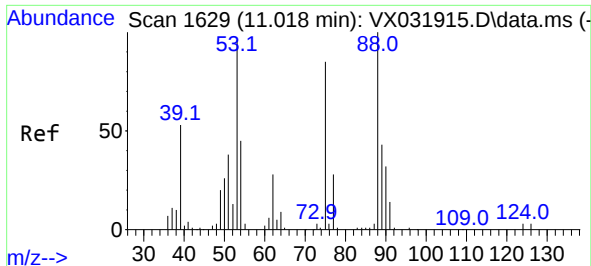
Tgt Ion: 91 Resp: 197302
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#80
1,3,5-Trimethylbenzene
Concen: 258.782 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:105 Resp: 1196161
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

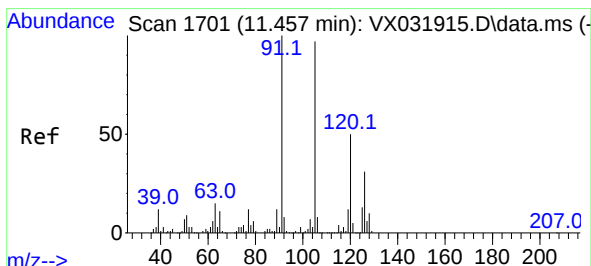
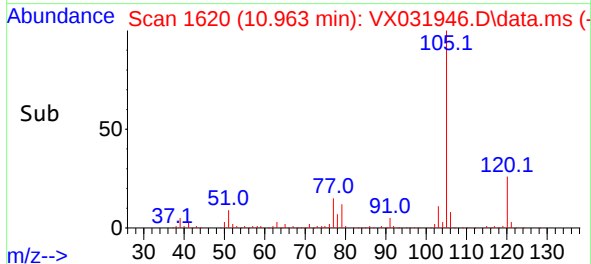
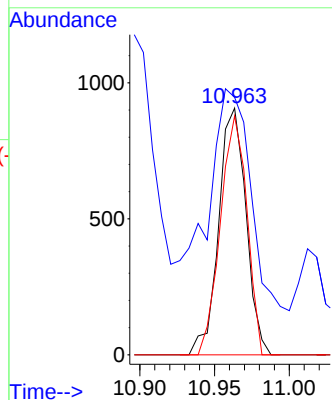
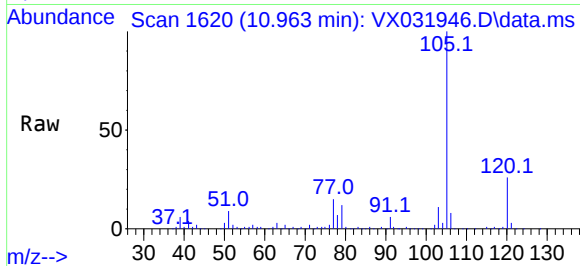




#81
trans-1,4-Dichloro-2-butene
Concen: 6.102 ug/l
RT: 10.963 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

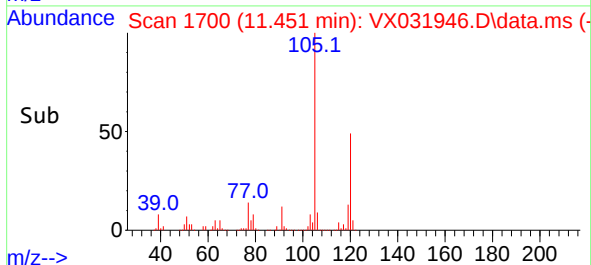
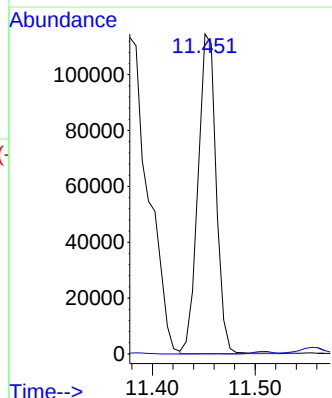
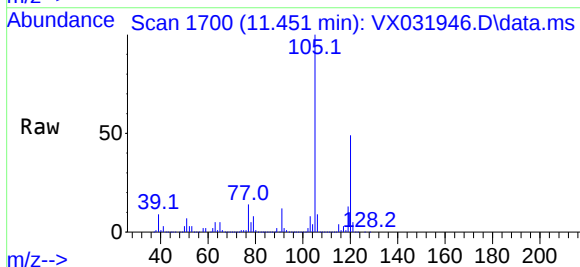
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

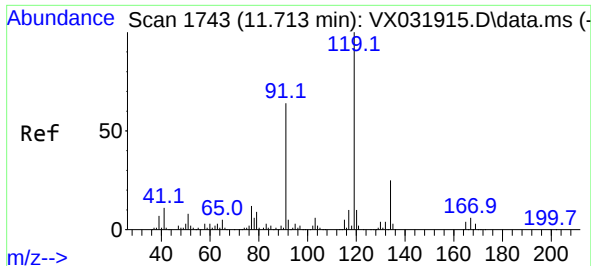
Tgt Ion: 75 Resp: 1153
Ion Ratio Lower Upper
75 100
53 135.8 77.6 116.4#
89 93.6 37.4 56.0#



#82
4-Chlorotoluene
Concen: 32.115 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 91 Resp: 140306
Ion Ratio Lower Upper
91 100
126 0.0 15.1 45.3#

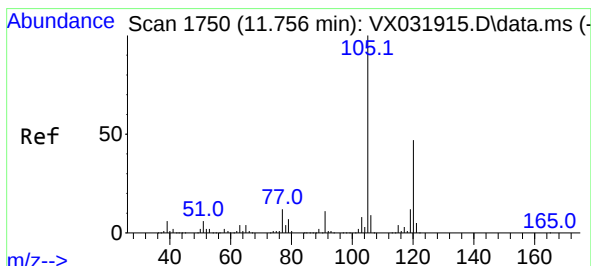
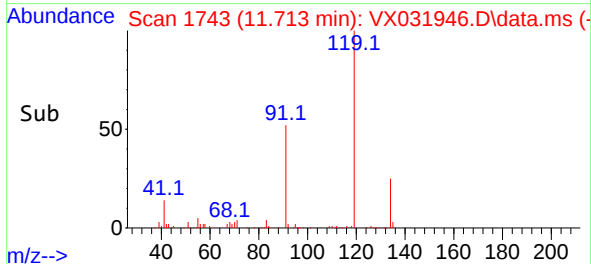
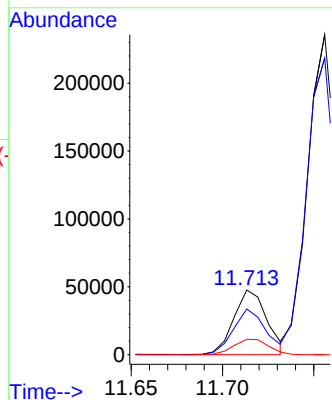
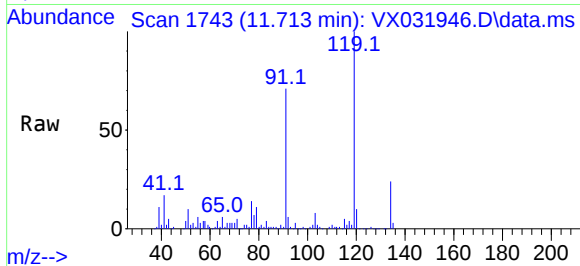




#83
tert-Butylbenzene
Concen: 13.109 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

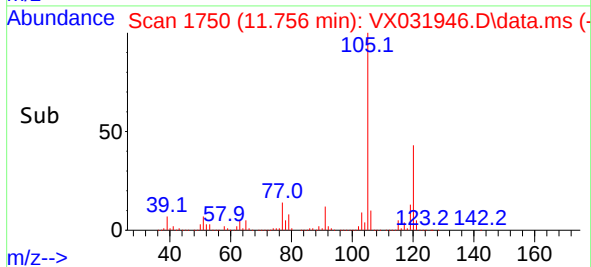
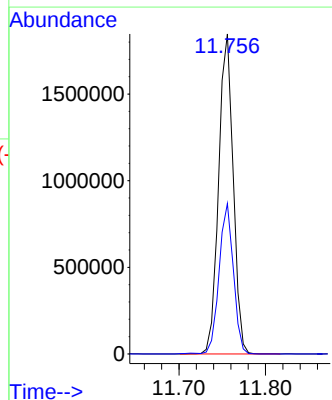
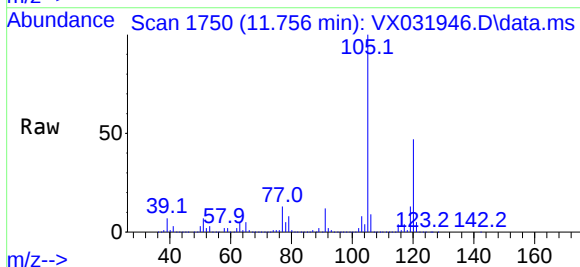
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

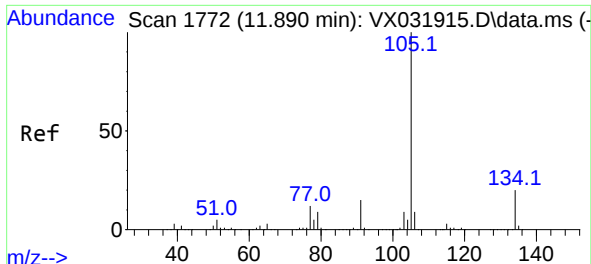
Tgt Ion:119 Resp: 59972
Ion Ratio Lower Upper
119 100
91 69.3 29.2 87.6
134 25.3 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 458.676 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion:105 Resp: 2153772
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8

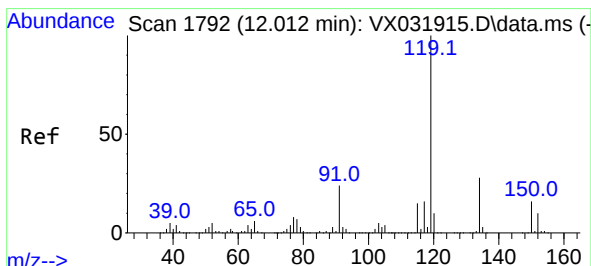
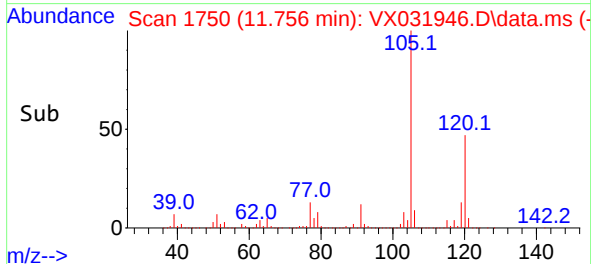
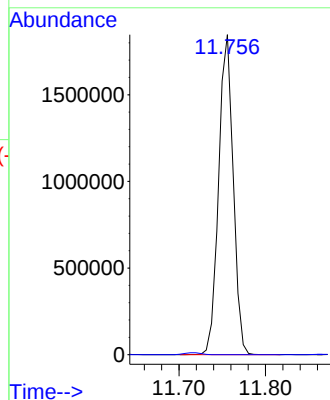
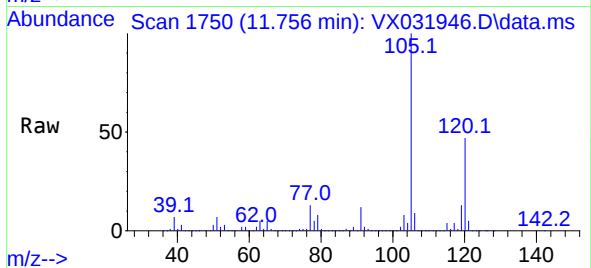




#85
 sec-Butylbenzene
 Concen: 380.269 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX031946.D
 Acq: 07 Oct 2022 02:16

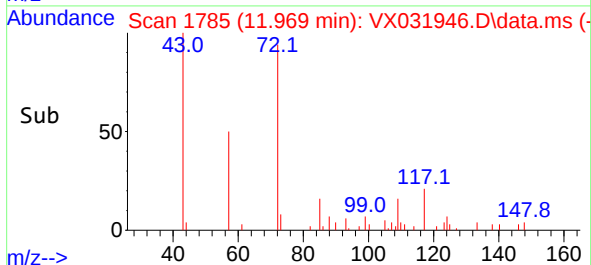
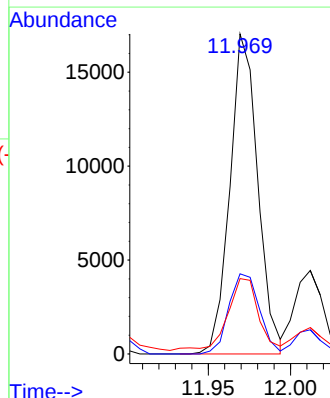
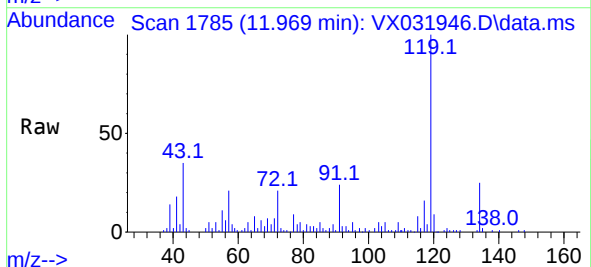
Instrument :
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 ClientSampleId :
 DUP092722

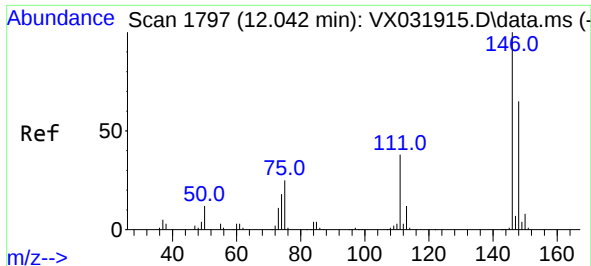
Tgt Ion:105 Resp: 2153772
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 4.220 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.043 min
 Lab File: VX031946.D
 Acq: 07 Oct 2022 02:16

Tgt Ion:119 Resp: 20123
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 0.0 12.4 37.2#

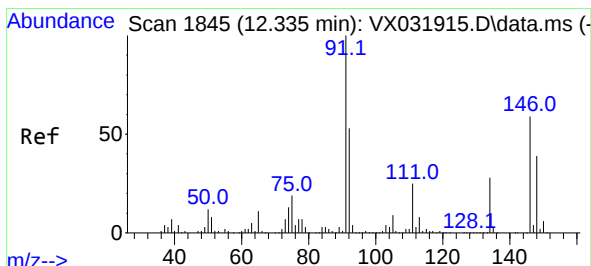
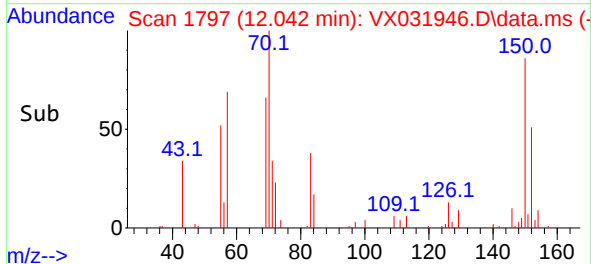
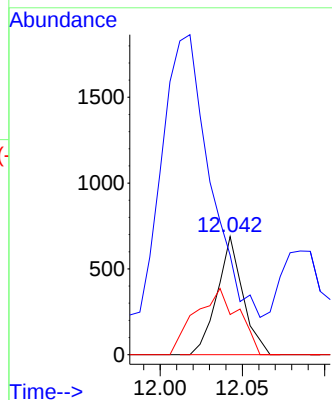
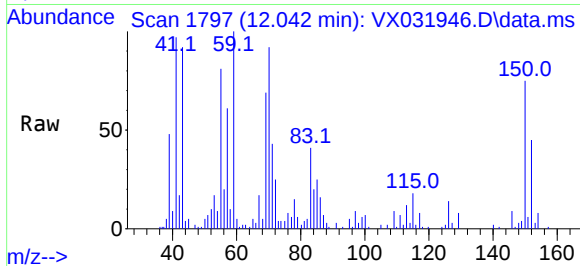




#88
1,4-Dichlorobenzene
Concen: 0.278 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

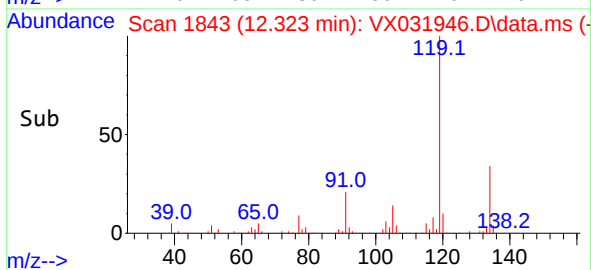
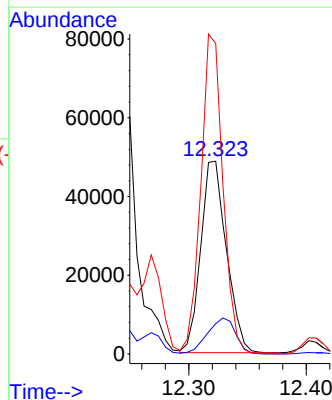
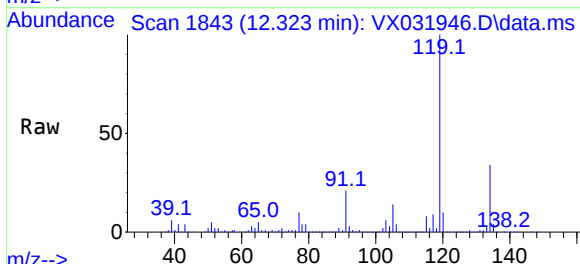
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

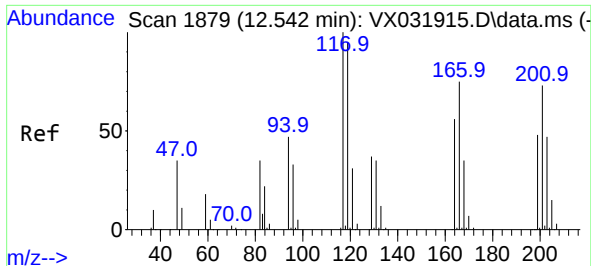
Tgt Ion:146 Resp: 748
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.5#
148 93.9 32.0 96.2



#89
n-Butylbenzene
Concen: 18.527 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 91 Resp: 73985
Ion Ratio Lower Upper
91 100
92 20.6 27.0 81.0#
134 144.1 13.3 39.9#

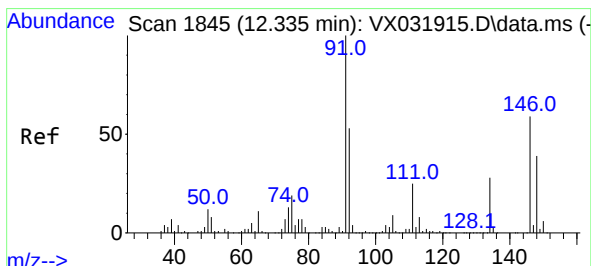
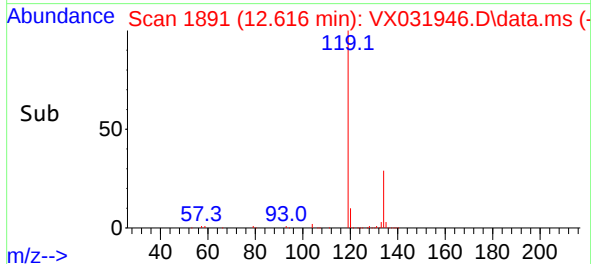
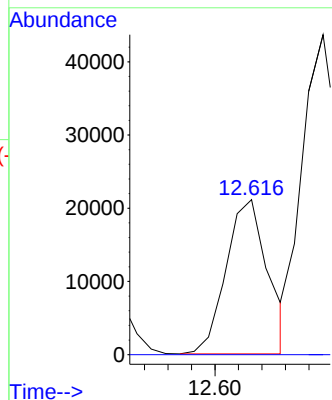
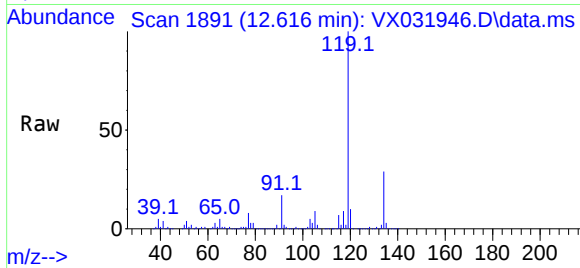




#90
Hexachloroethane
Concen: 34.763 ug/l
RT: 12.616 min Scan# 117
Delta R.T. 0.074 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

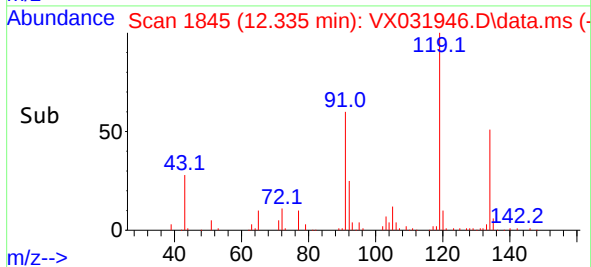
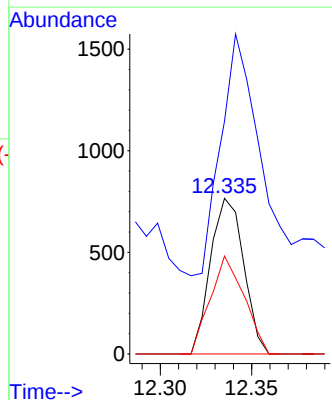
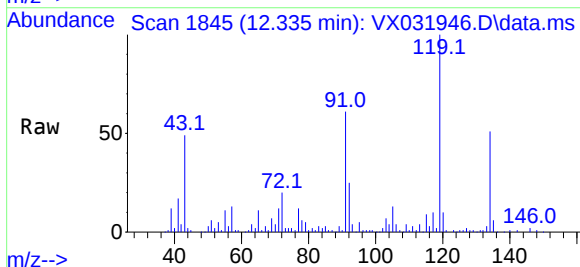
Instrument :
MSVOA_X
ClientSampleId :
DUP092722

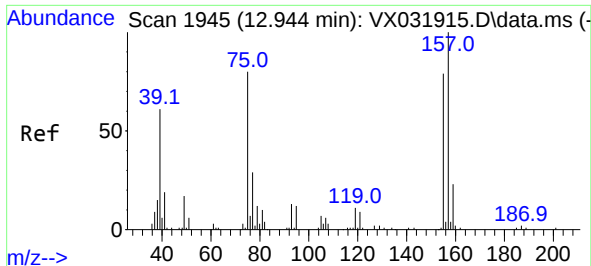
Tgt Ion:117 Resp: 26050
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#91
1,2-Dichlorobenzene
Concen: 0.373 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

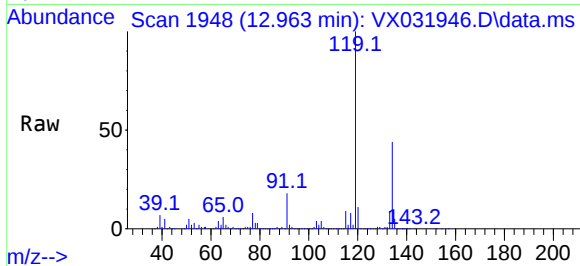
Tgt Ion:146 Resp: 970
Ion Ratio Lower Upper
146 100
111 200.0 20.6 61.8#
148 64.2 31.6 95.0



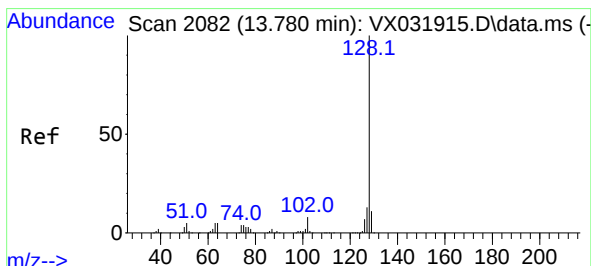
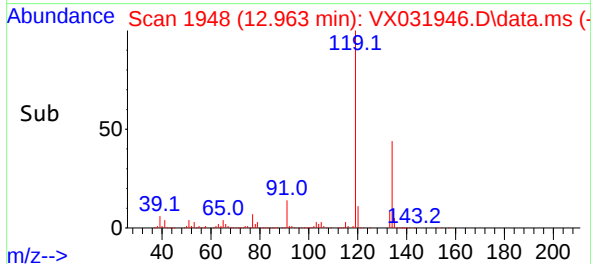
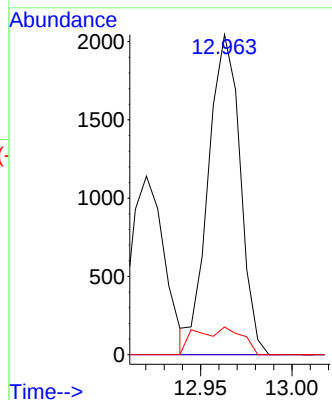


#92
1,2-Dibromo-3-Chloropropane
Concen: 7.642 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Instrument :
MSVOA_X
ClientSampleId :
DUP092722



Tgt Ion: 75 Resp: 2477
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 6.1 51.5 154.5#



#95
Naphthalene
Concen: 198.713 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031946.D
Acq: 07 Oct 2022 02:16

Tgt Ion: 128 Resp: 1074038
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.8 13.2

