

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028363.D
 Acq On : 26 Apr 2022 20:28
 Operator : JC/MD
 Sample : N2558-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31699

Quant Time: Apr 27 02:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	531064	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.775	114	864680	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.055	117	846372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	420828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	343044	49.541	ug/l	0.02
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.080%
35) Dibromofluoromethane	5.416	113	309992	51.121	ug/l	0.03
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.240%
50) Toluene-d8	8.659	98	1158459	49.740	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.085	95	433610	48.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	247	Below Cal	#	17
5) Bromomethane	1.611	94	1896	Below Cal		91
6) Chloroethane	1.794	64	491	Below Cal	#	43
8) Diethyl Ether	2.130	74	26	Below Cal	#	7
9) 1,1,2-Trichlorotrifluo...	2.435	101	83670	19.456	ug/l #	19
10) Methyl Iodide	2.453	142	588	5.324	ug/l #	88
11) Tert butyl alcohol	2.995	59	12931	Below Cal		98
13) Acrolein	2.416	56	31077	36.620	ug/l #	1
14) Allyl chloride	2.599	41	282235	41.212	ug/l #	50
16) Acetone	2.599	43	1063024	504.043	ug/l #	52
18) Methyl Acetate	2.739	43	305422	49.608	ug/l #	60
20) Methylene Chloride	2.825	84	1283	0.250	ug/l #	88
25) 2-Butanone	4.599	43	18344	4.473	ug/l	96
29) Tetrahydrofuran	5.026	42	30702	11.482	ug/l	98
31) Cyclohexane	5.507	56	12049	1.428	ug/l #	50
36) 1,1-Dichloropropene	5.568	75	35018	4.427	ug/l #	50
37) Ethyl Acetate	4.599	43	18344	2.286	ug/l #	65
38) Carbon Tetrachloride	5.568	117	49257	5.516	ug/l #	15
39) Methylcyclohexane	7.385	83	3284	0.329	ug/l	98
40) Benzene	6.056	78	7527	0.325	ug/l	98
41) Methacrylonitrile	5.032	41	19322	4.666	ug/l #	38
43) Isopropyl Acetate	6.141	43	111673	8.549	ug/l #	56
48) Methyl methacrylate	7.708	41	1505	0.251	ug/l #	93
51) 4-Methyl-2-Pentanone	8.586	43	2585283	308.423	ug/l	99
52) Toluene	8.726	92	7890164	490.502	ug/l	83
53) t-1,3-Dichloropropene	8.726	75	93278	10.272	ug/l #	1
56) Ethyl methacrylate	9.037	69	20635	2.178	ug/l #	60
67) Ethyl Benzene	10.201	91	20576	0.680	ug/l	99
68) m/p-Xylenes	10.305	106	28284	2.297	ug/l	97
69) o-Xylene	10.646	106	73535	5.989	ug/l	98
70) Styrene	10.646	104	4460	0.224	ug/l #	1
73) Isopropylbenzene	10.963	105	7025	0.243	ug/l	100
76) 1,2,3-Trichloropropane	11.085	75	210318	25.394	ug/l #	38
78) n-propylbenzene	11.305	91	12424	0.387	ug/l	98
79) 2-Chlorotoluene	11.378	91	24320	1.220	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	118412	4.823	ug/l	99

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

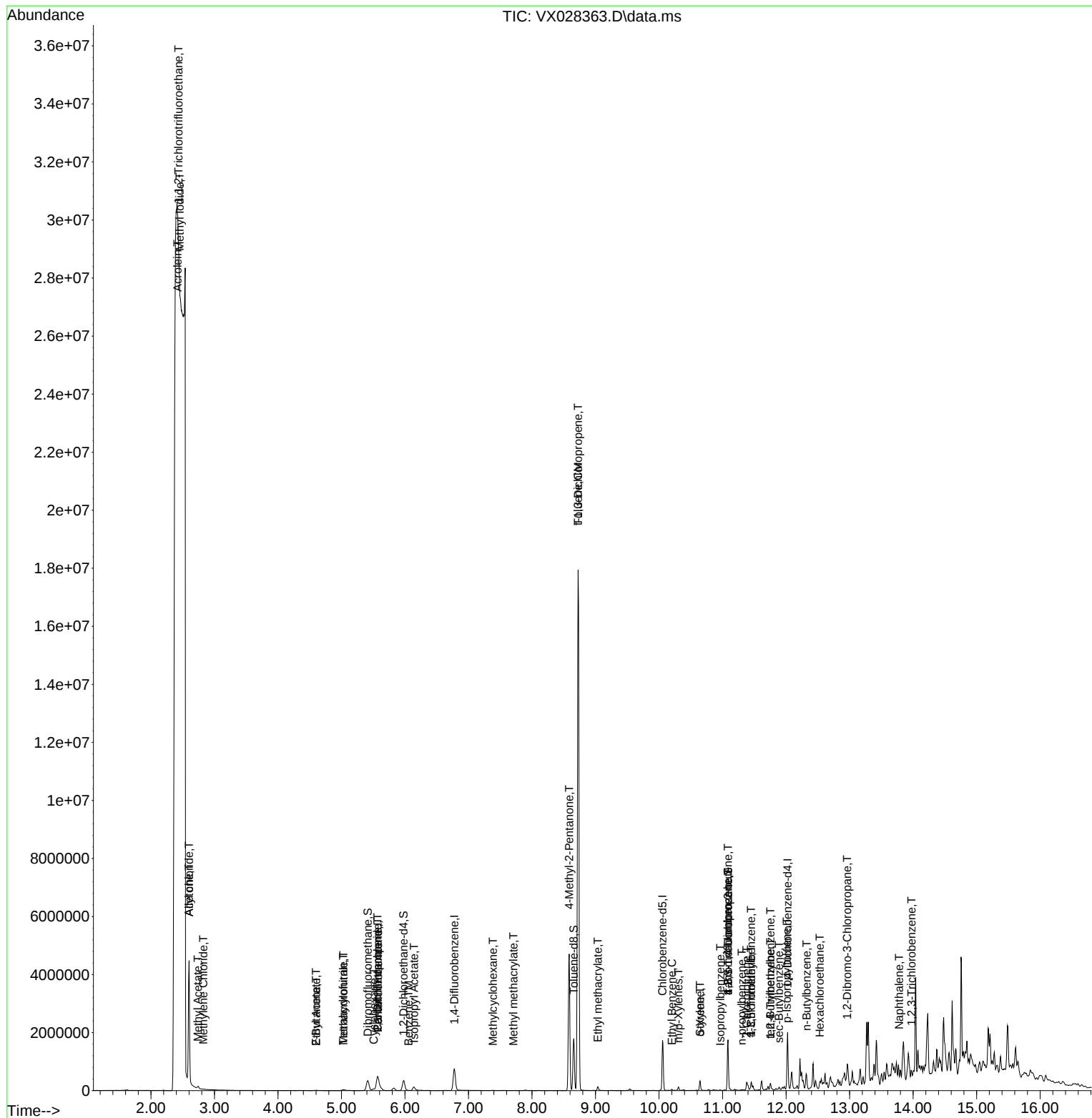
81) trans-1,4-Dichloro-2-b...	11.085	75	210318	75.464	ug/l #	15
82) 4-Chlorotoluene	11.451	91	12216	0.532	ug/l #	45
83) tert-Butylbenzene	11.756	119	10661	0.425	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.756	105	88742	3.636	ug/l	99
85) sec-Butylbenzene	11.890	105	16359	0.541	ug/l	85
86) p-Isopropyltoluene	12.012	119	13597	0.521	ug/l	85
89) n-Butylbenzene	12.323	91	56820	2.652	ug/l #	10
90) Hexachloroethane	12.530	117	8613	3.582	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1890	0.905	ug/l #	20
95) Naphthalene	13.780	128	61420	2.205	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.975	180	5907	0.720	ug/l #	1

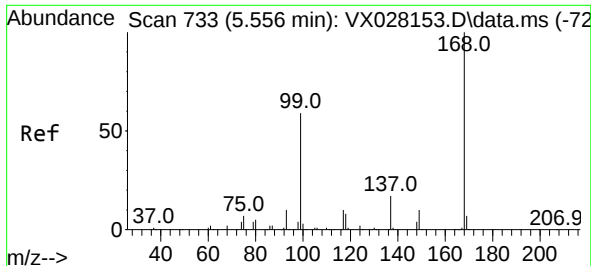
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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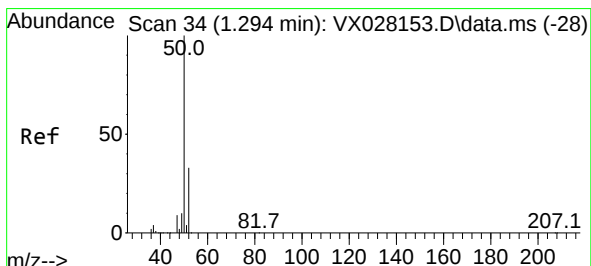
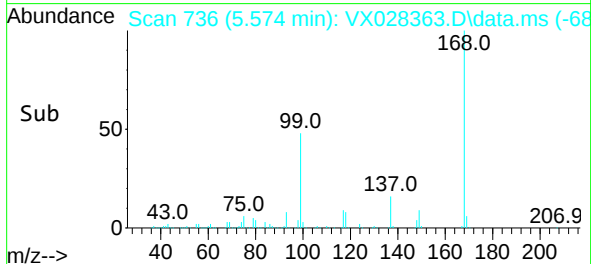
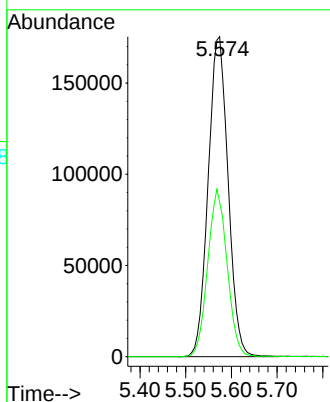
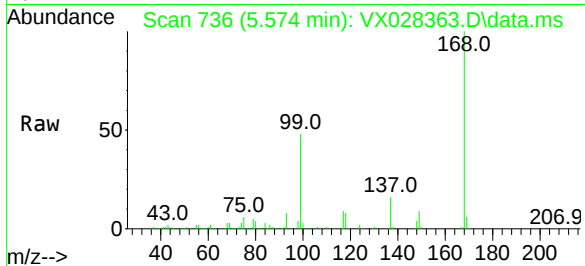




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

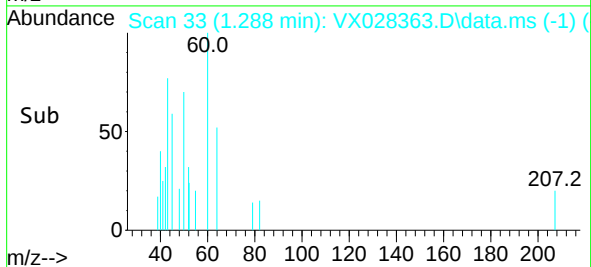
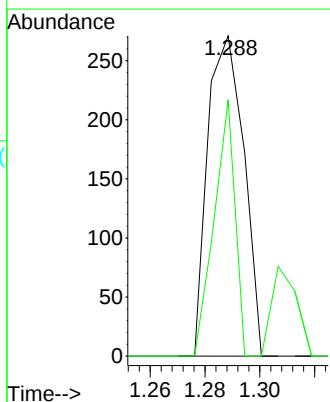
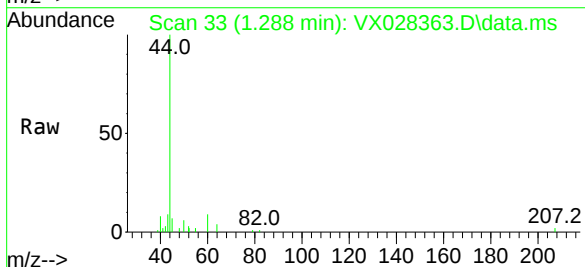
Instrument :
MSVOA_X
ClientSampleId :
31699

Tgt Ion:168 Resp: 531064
Ion Ratio Lower Upper
168 100
99 48.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 80.1 26.4 39.6#

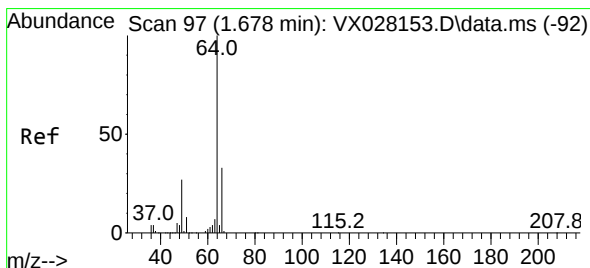
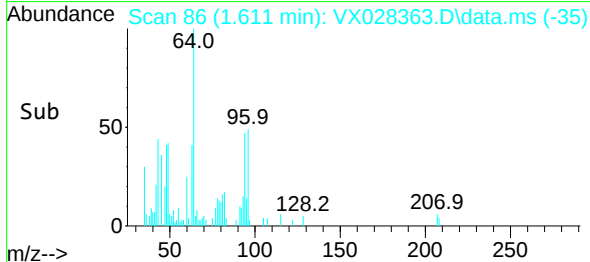
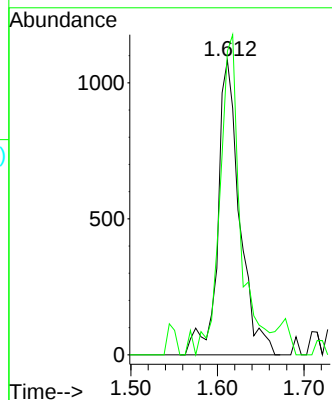
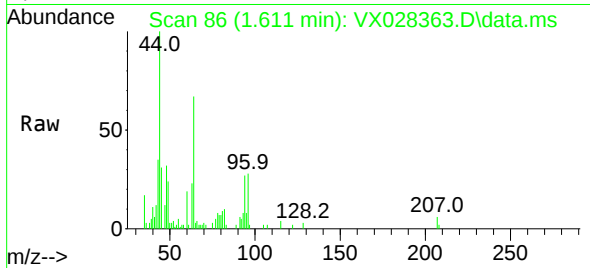




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

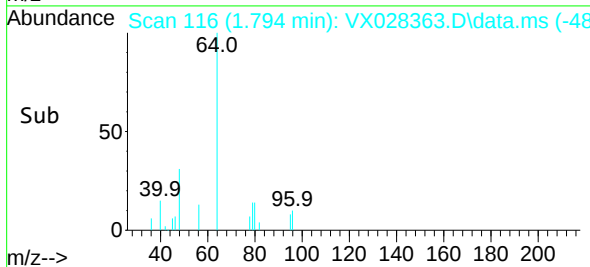
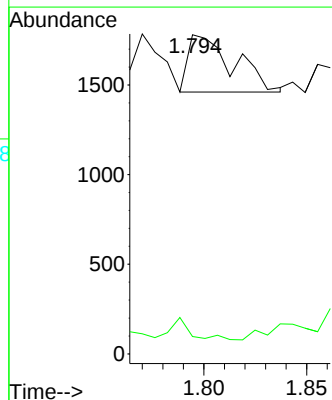
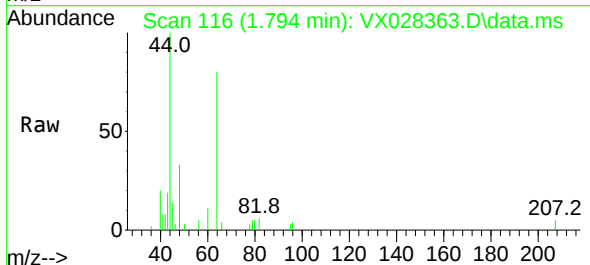
Instrument :
MSVOA_X
ClientSampleId :
31699

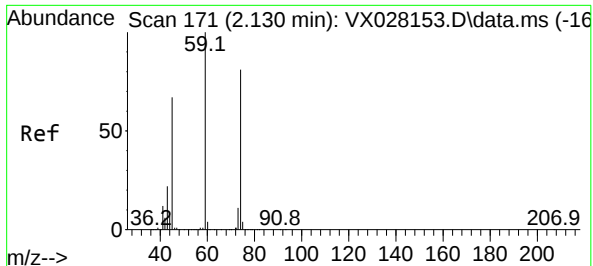
Tgt Ion: 94 Resp: 1896
Ion Ratio Lower Upper
94 100
96 103.1 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.794 min Scan# 116
Delta R.T. 0.116 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

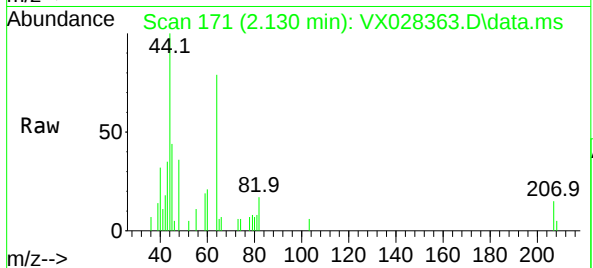
Tgt Ion: 64 Resp: 491
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



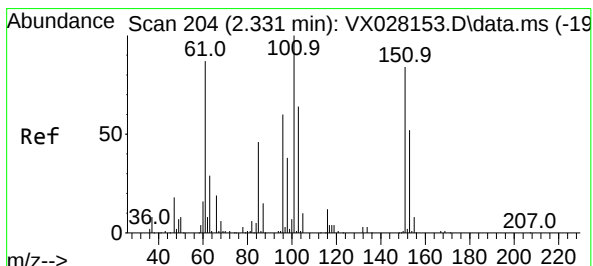
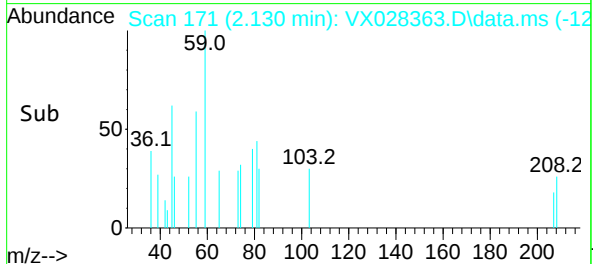
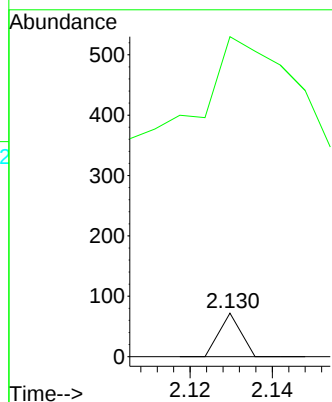


#8
Diethyl Ether
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
31699

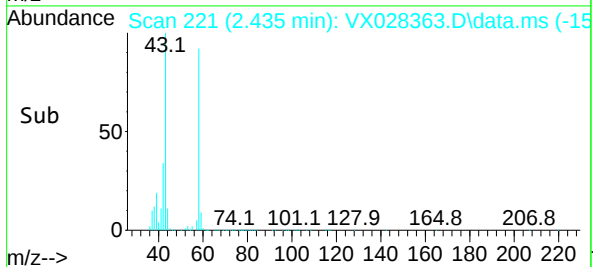
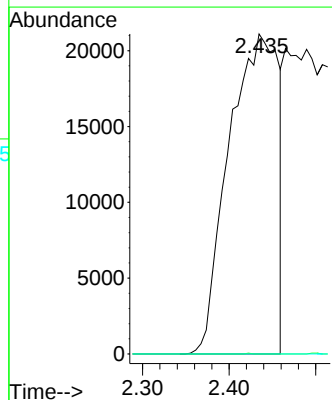
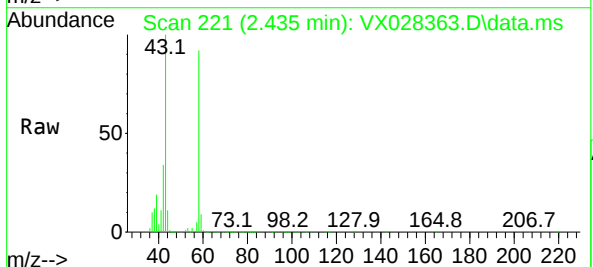


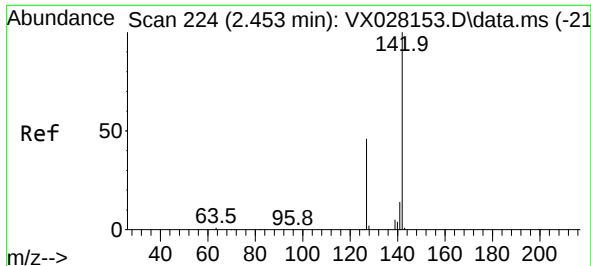
Tgt Ion: 74 Resp: 26
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.456 ug/l
RT: 2.435 min Scan# 221
Delta R.T. 0.104 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 101 Resp: 83670
Ion Ratio Lower Upper
101 100
85 0.0 33.5 50.3#
151 0.0 61.8 92.6#

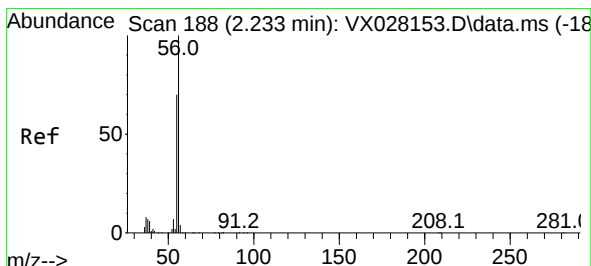
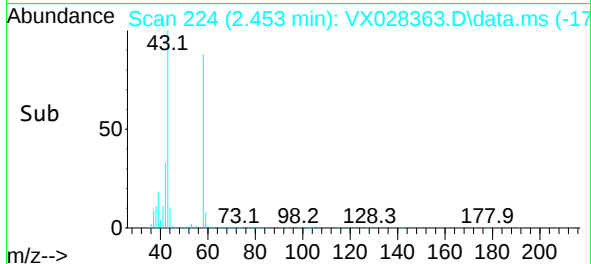
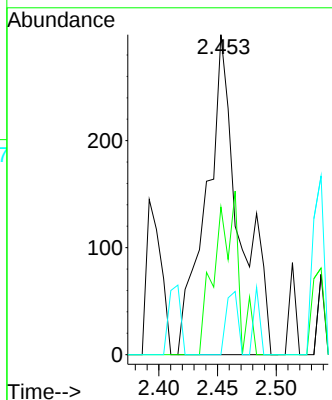
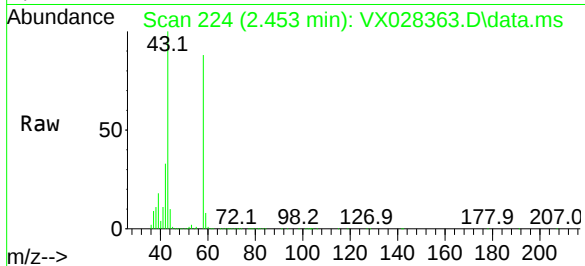




#10
Methyl Iodide
Concen: 5.324 ug/l
RT: 2.453 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

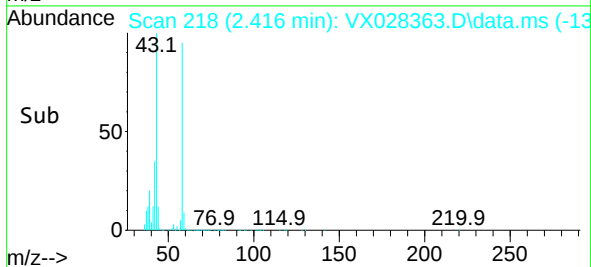
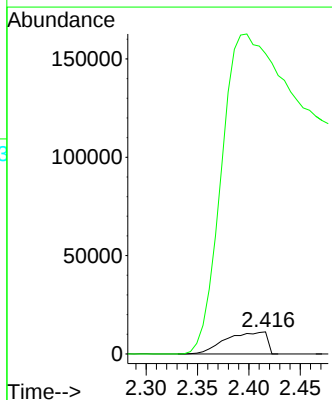
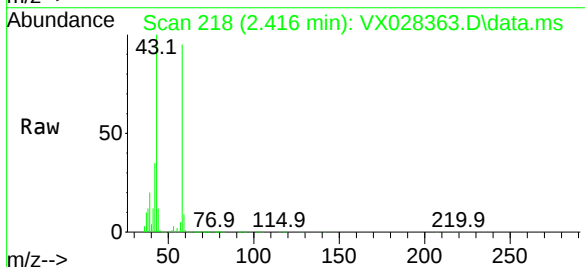
Instrument :
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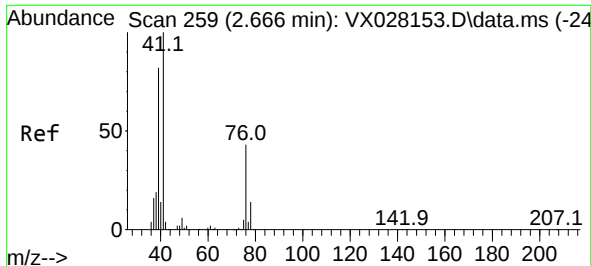
Tgt Ion:142 Resp: 588
Ion Ratio Lower Upper
142 100
127 35.7 33.9 50.9
141 7.0 11.4 17.2#



#13
Acrolein
Concen: 36.620 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.183 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 56 Resp: 31077
Ion Ratio Lower Upper
56 100
55 3587.9 55.0 82.6#

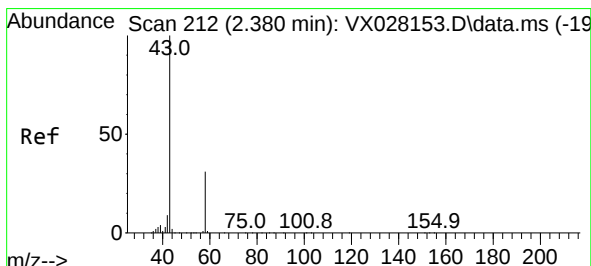
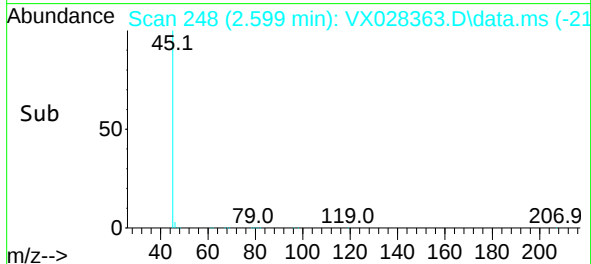
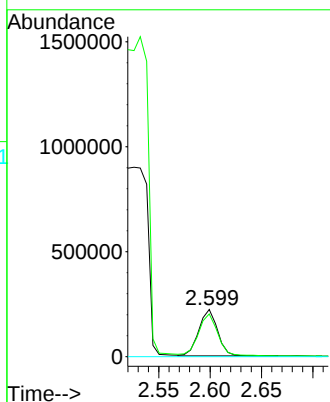
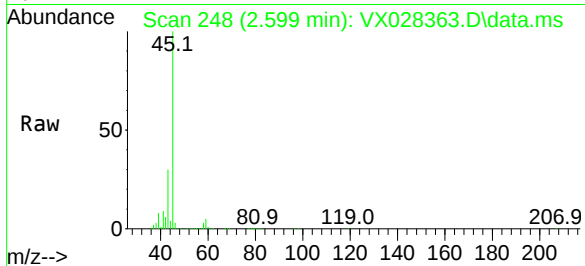




#14
 Allyl chloride
 Concen: 41.212 ug/l
 RT: 2.599 min Scan# 248
 Delta R.T. -0.067 min
 Lab File: VX028363.D
 Acq: 26 Apr 2022 20:28

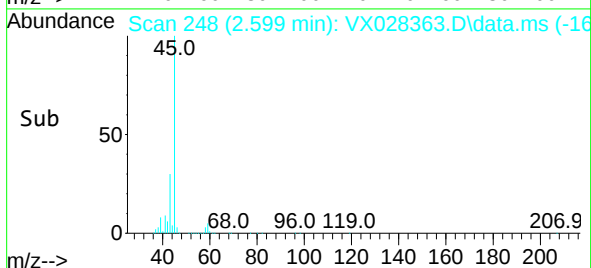
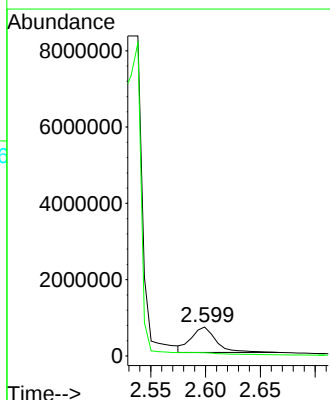
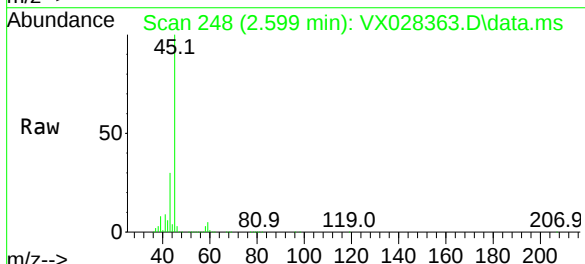
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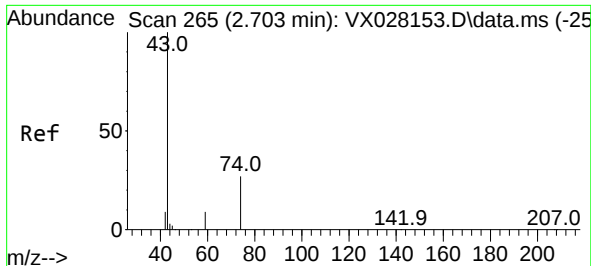
Tgt Ion: 41 Resp: 282235
 Ion Ratio Lower Upper
 41 100
 39 93.5 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 504.043 ug/l
 RT: 2.599 min Scan# 248
 Delta R.T. 0.219 min
 Lab File: VX028363.D
 Acq: 26 Apr 2022 20:28

Tgt Ion: 43 Resp: 1063024
 Ion Ratio Lower Upper
 43 100
 58 7.9 28.8 43.2#

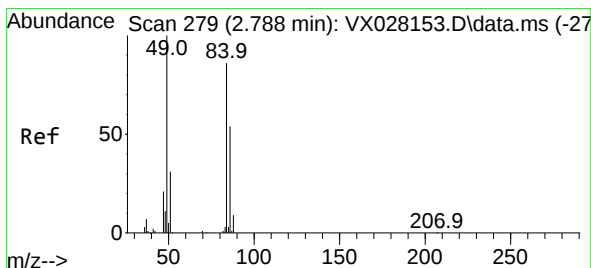
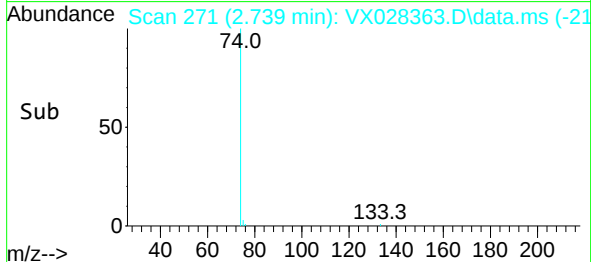
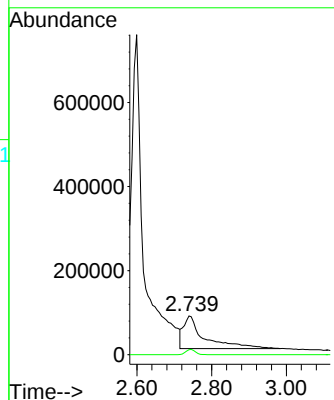
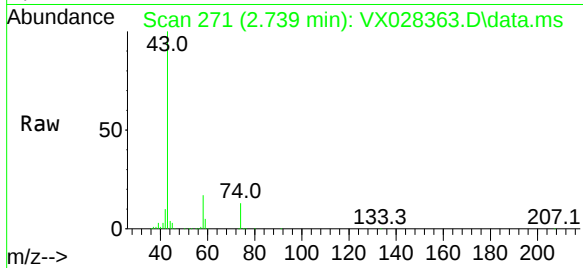




#18
Methyl Acetate
Concen: 49.608 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.036 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

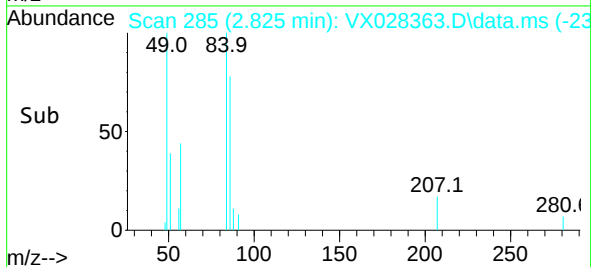
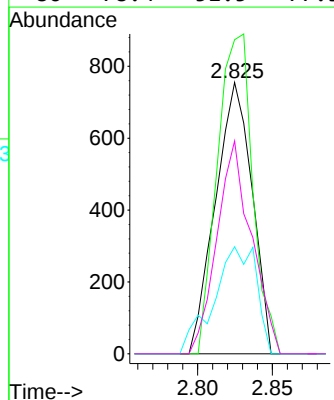
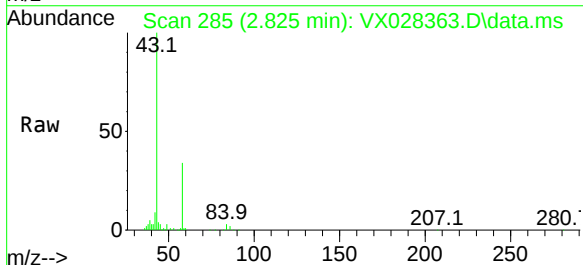
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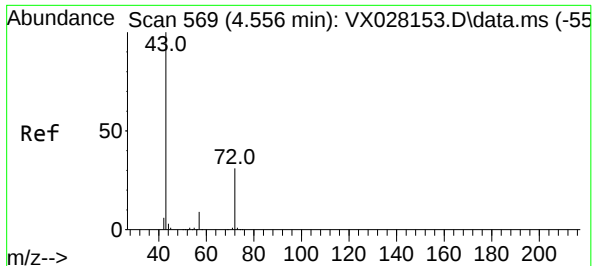
Tgt Ion: 43 Resp: 305422
Ion Ratio Lower Upper
43 100
74 7.3 22.8 34.2#



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.825 min Scan# 285
Delta R.T. 0.037 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 84 Resp: 1283
Ion Ratio Lower Upper
84 100
49 115.8 85.5 128.3
51 39.5 26.6 39.8
86 78.4 51.5 77.3#





#25

2-Butanone

Concen: 4.473 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

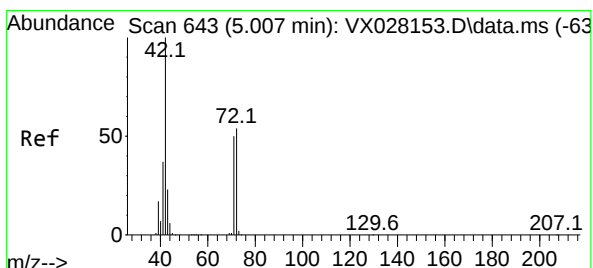
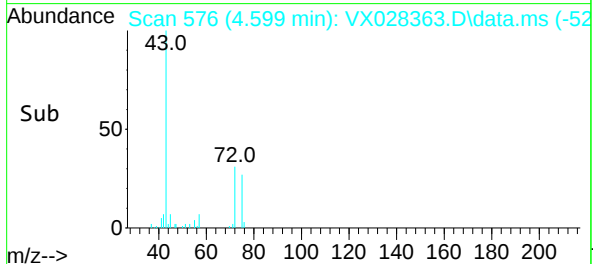
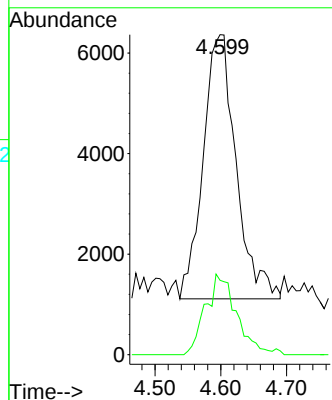
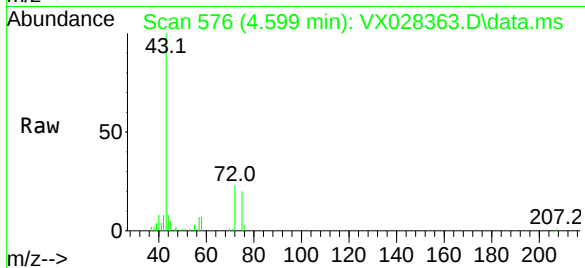
31699

Tgt Ion: 43 Resp: 18344

Ion Ratio Lower Upper

43 100

72 28.2 24.4 36.6



#29

Tetrahydrofuran

Concen: 11.482 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.019 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

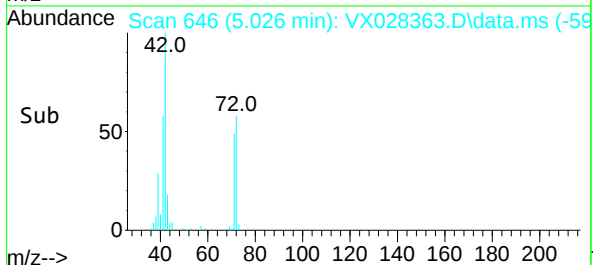
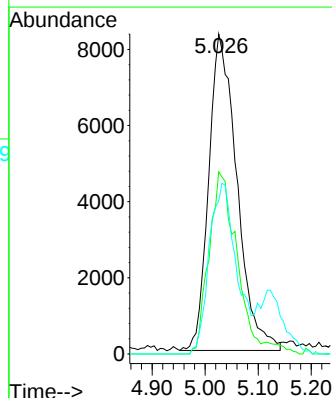
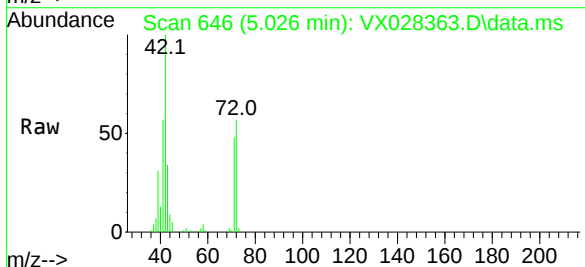
Tgt Ion: 42 Resp: 30702

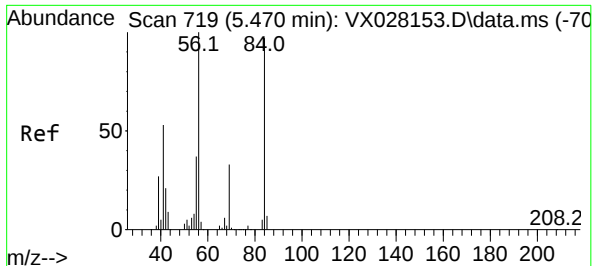
Ion Ratio Lower Upper

42 100

72 56.0 44.1 66.1

71 51.8 40.5 60.7

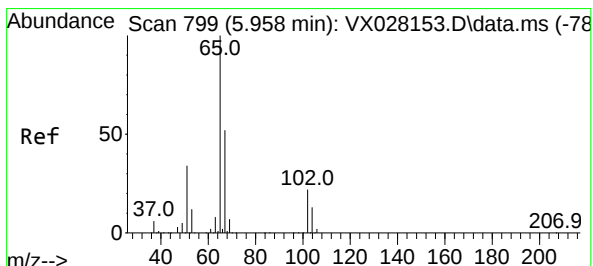
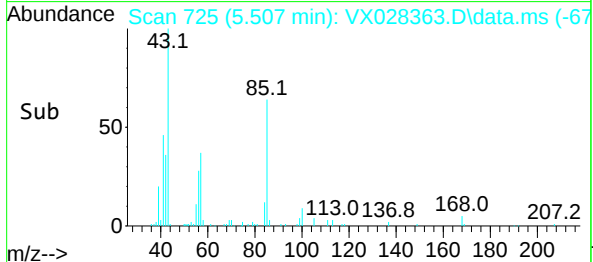
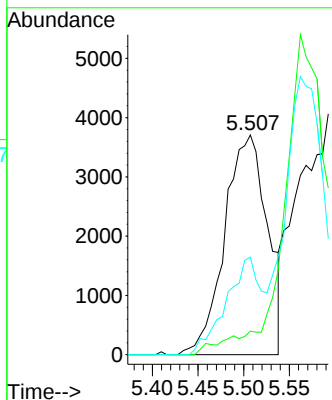
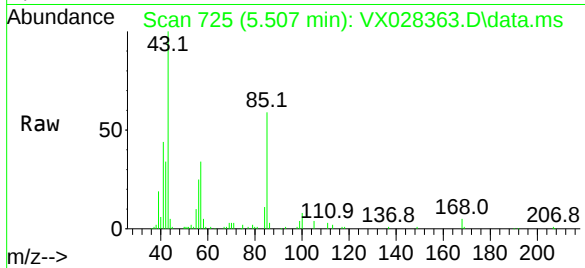




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 5.507 min Scan# 719
Delta R.T. 0.037 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

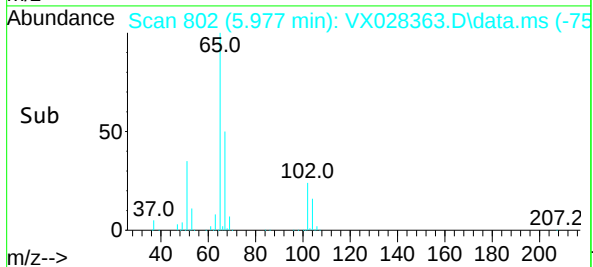
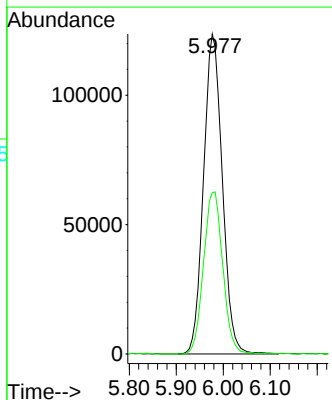
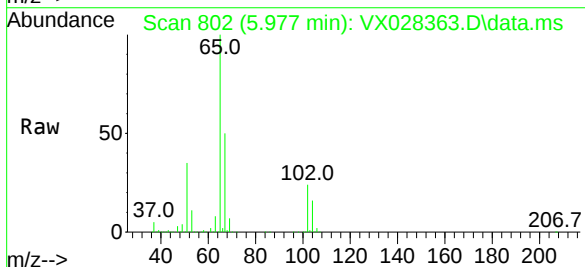
Instrument :
MSVOA_X
ClientSampleId :
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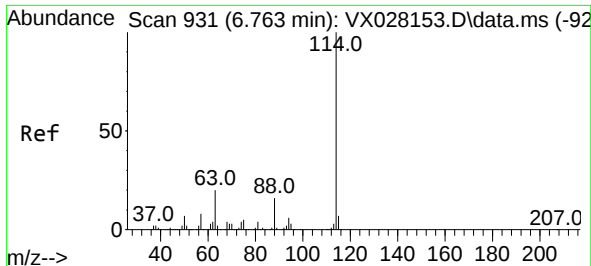
Tgt Ion: 56 Resp: 12049
Ion Ratio Lower Upper
56 100
69 10.7 26.7 40.1#
84 44.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.541 ug/l
RT: 5.977 min Scan# 802
Delta R.T. 0.019 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 65 Resp: 343044
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

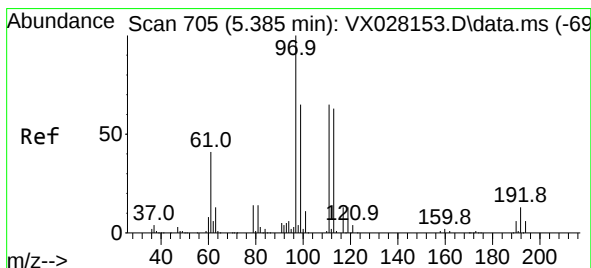
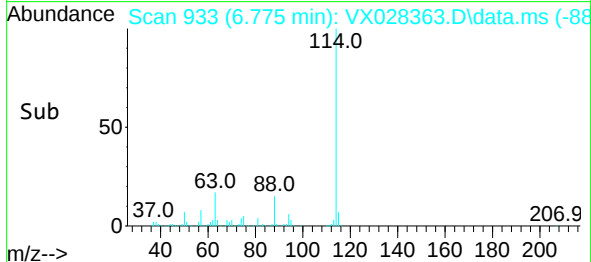
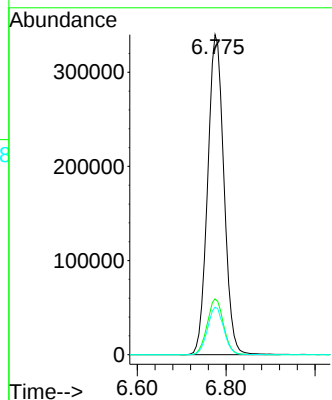
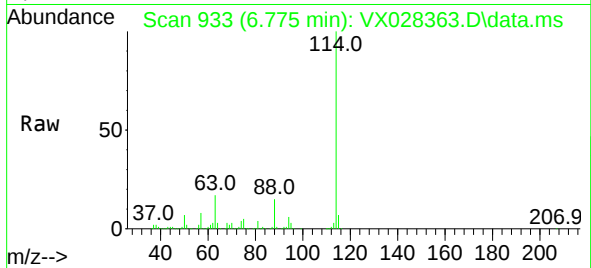




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

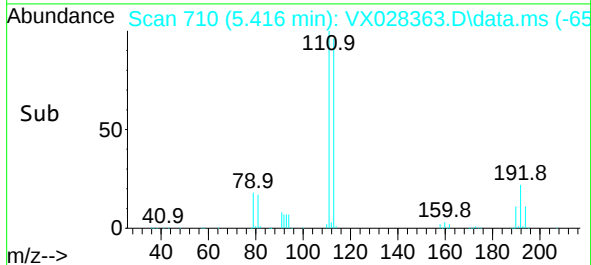
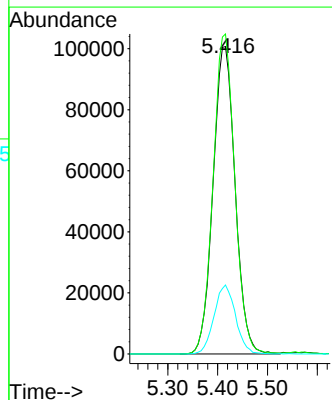
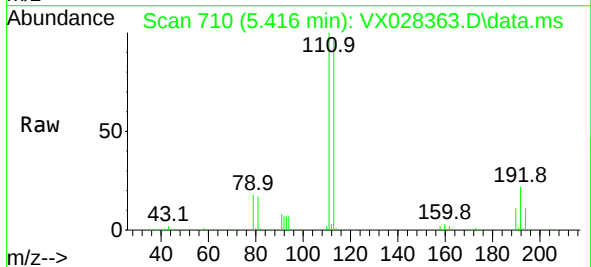
Instrument :
MSVOA_X
ClientSampleId :
31699

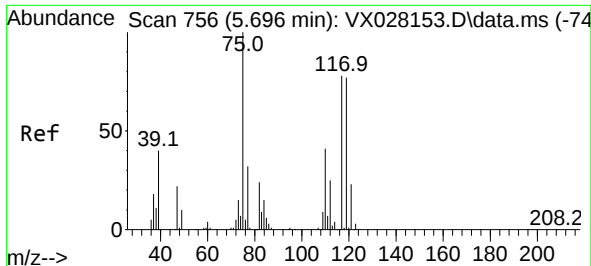
Tgt Ion:114 Resp: 864680
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.8
88 14.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 5.416 min Scan# 710
Delta R.T. 0.031 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion:113 Resp: 309992
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 21.8 16.9 25.3

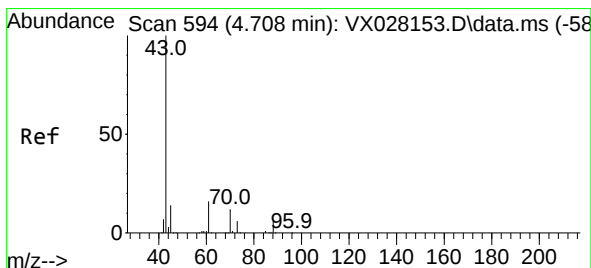
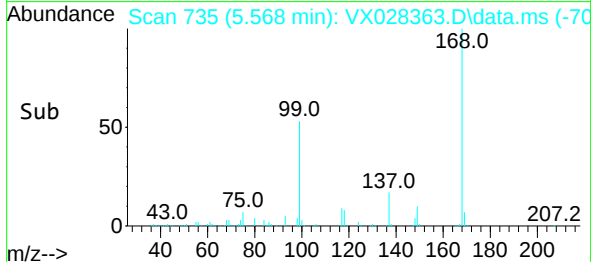
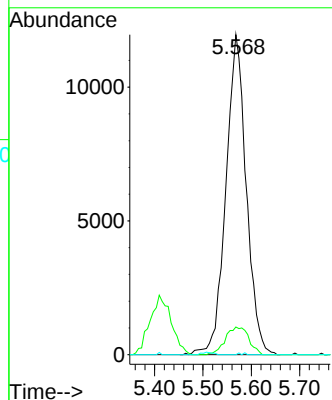
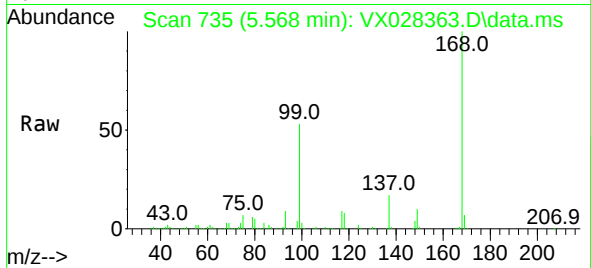




#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

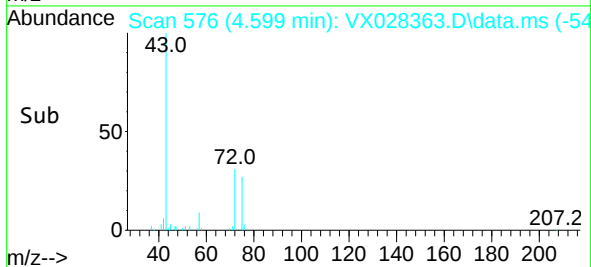
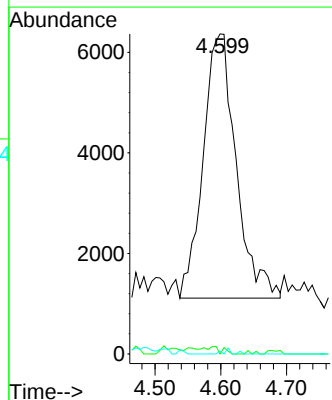
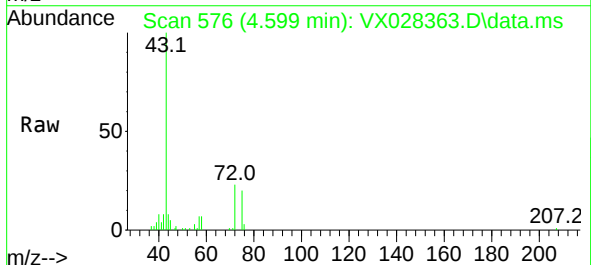
Instrument :
MSVOA_X
ClientSampleId :
31699

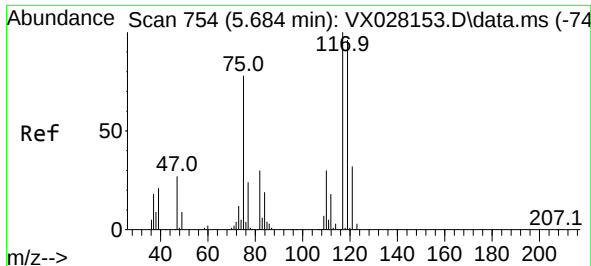
Tgt Ion: 75 Resp: 35018
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.1 24.8 37.2#



#37
Ethyl Acetate
Concen: 2.286 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.109 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 43 Resp: 18344
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.3 10.2 15.2#

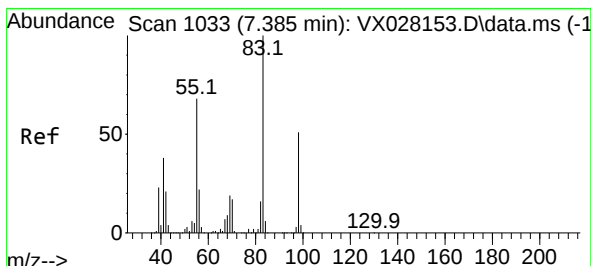
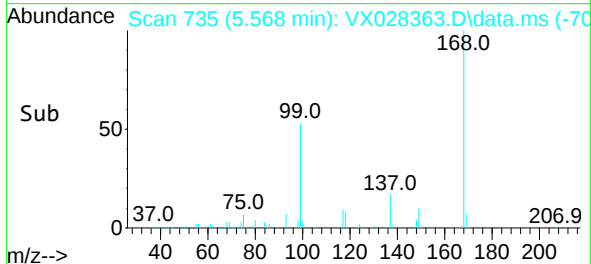
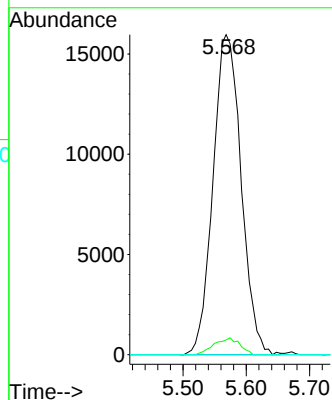
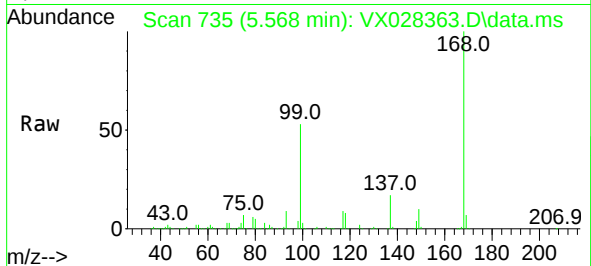




#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

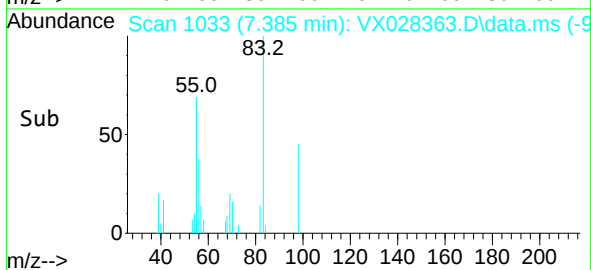
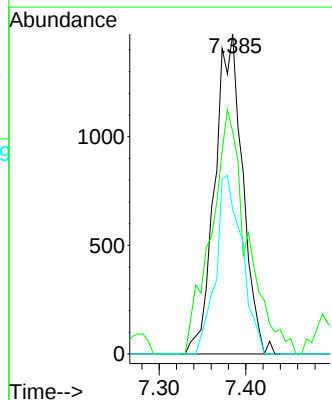
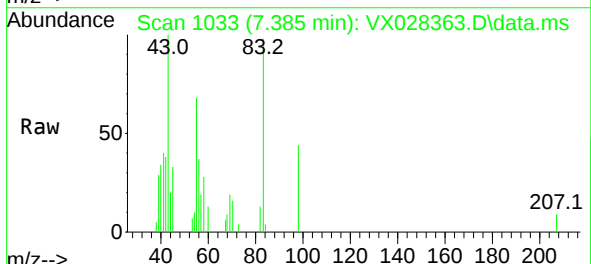
Instrument :
MSVOA_X
ClientSampleId :
31699

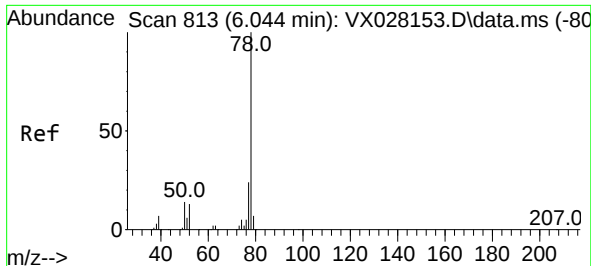
Tgt Ion:117 Resp: 49257
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.329 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 83 Resp: 3284
Ion Ratio Lower Upper
83 100
55 69.5 54.6 81.8
98 45.3 37.4 56.2





#40

Benzene

Concen: 0.325 ug/l

RT: 6.056 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

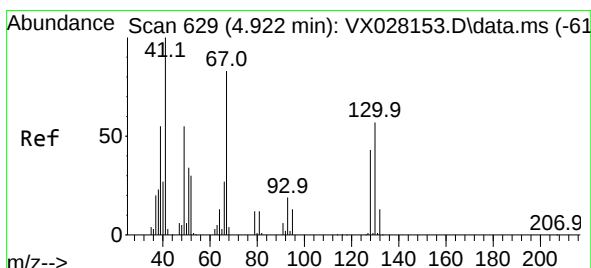
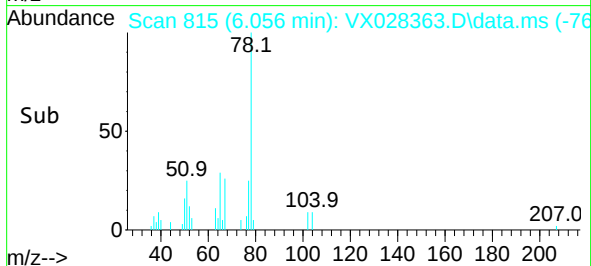
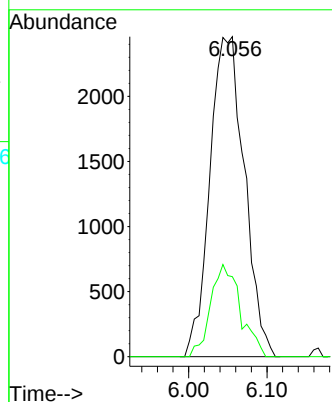
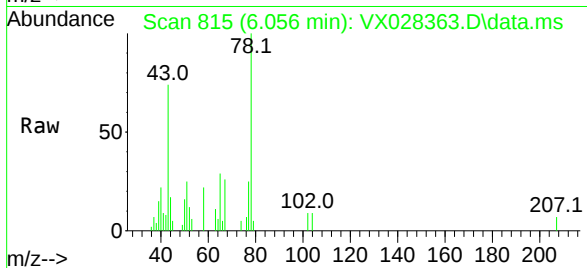
31699

Tgt Ion: 78 Resp: 7527

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9



#41

Methacrylonitrile

Concen: 4.666 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.110 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Tgt Ion: 41 Resp: 19322

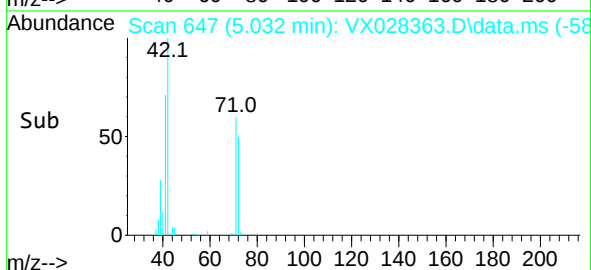
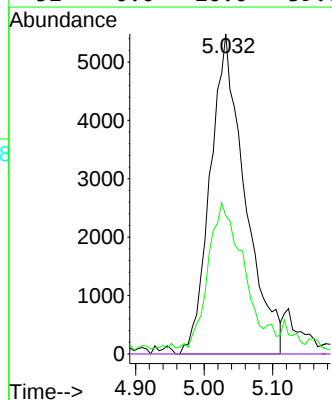
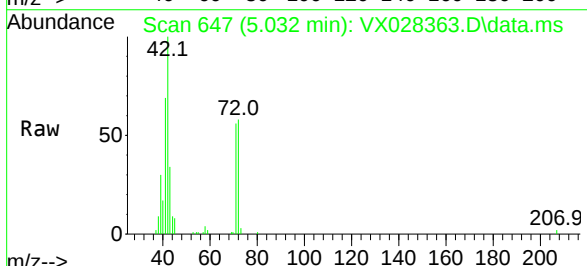
Ion Ratio Lower Upper

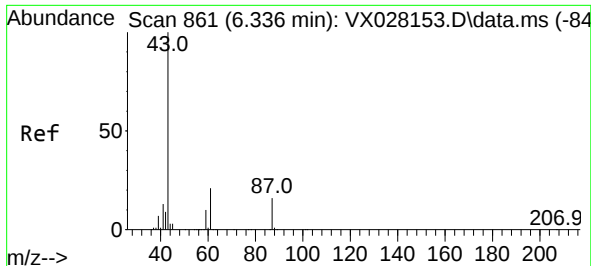
41 100

39 45.7 43.0 64.4

67 0.0 70.2 105.4#

52 0.0 26.0 39.0#

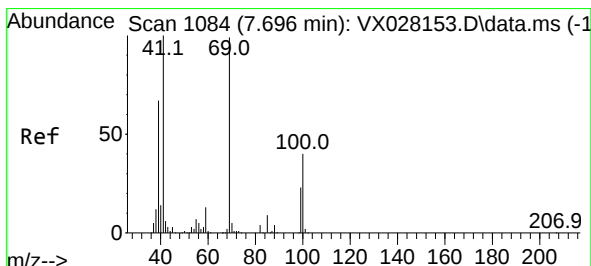
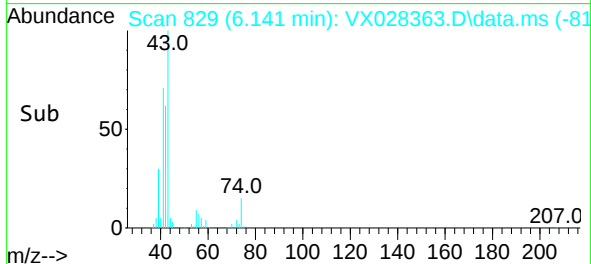
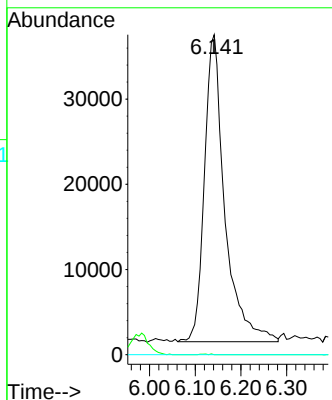
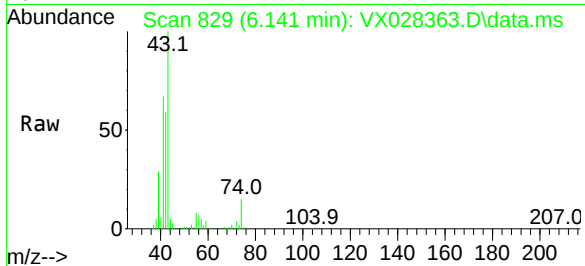




#43
Isopropyl Acetate
Concen: 8.549 ug/l
RT: 6.141 min Scan# 81
Delta R.T. -0.195 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

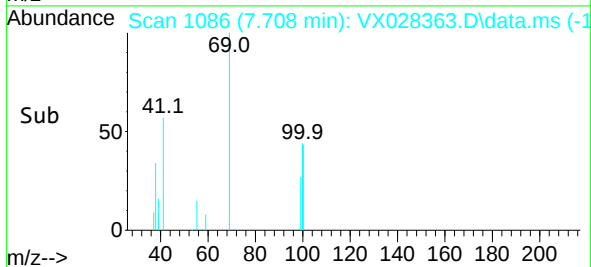
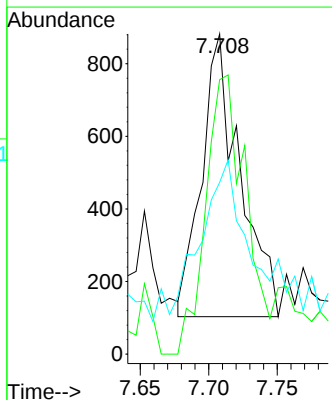
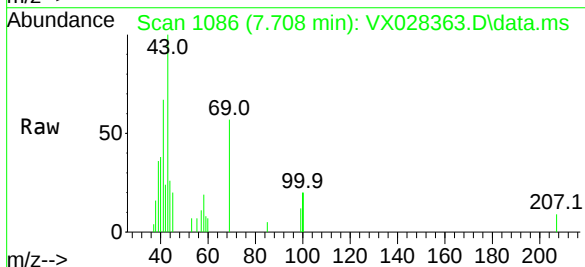
Instrument :
MSVOA_X
ClientSampleId :
31699

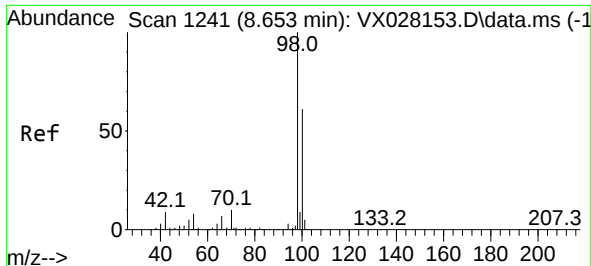
Tgt Ion: 43 Resp: 111673
Ion Ratio Lower Upper
43 100
61 0.1 18.5 27.7#
87 0.0 13.0 19.6#



#48
Methyl methacrylate
Concen: 0.251 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 41 Resp: 1505
Ion Ratio Lower Upper
41 100
69 103.6 82.5 123.7
39 69.4 43.8 65.8#

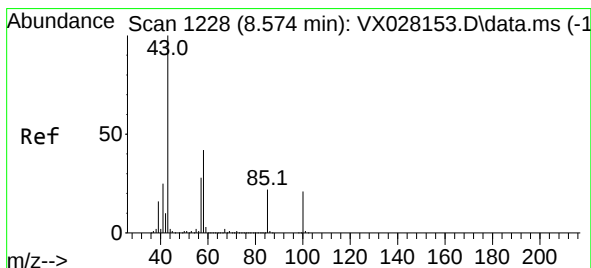
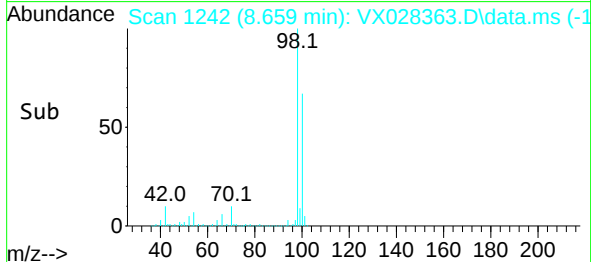
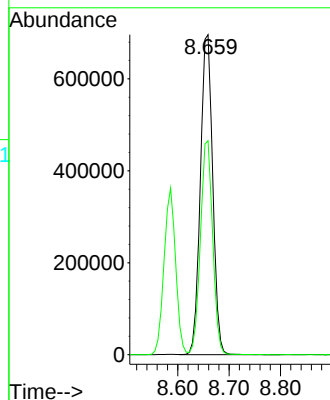
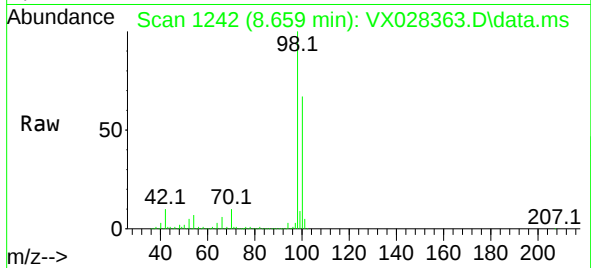




#50
Toluene-d8
Concen: 49.740 ug/l
RT: 8.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

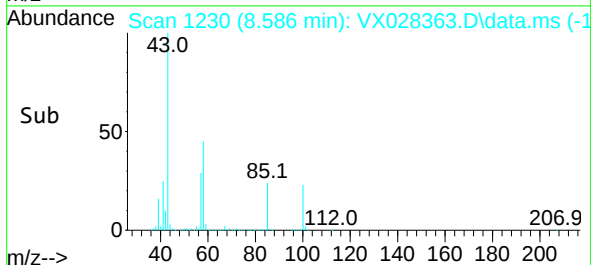
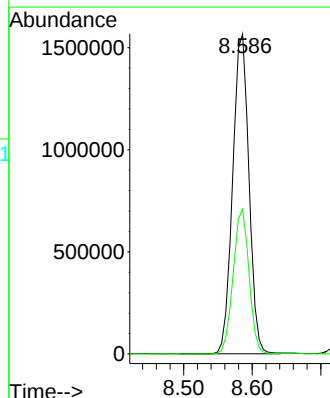
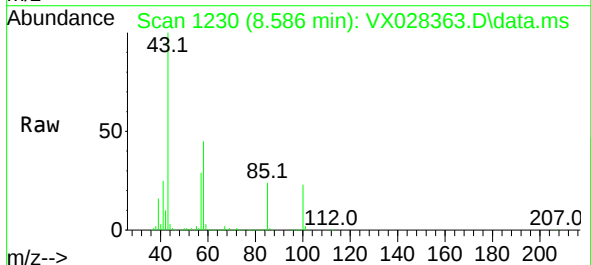
Instrument :
MSVOA_X
ClientSampleId :
31699

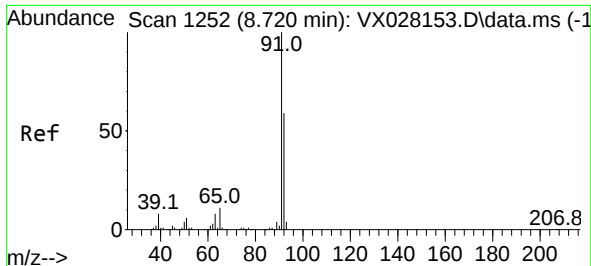
Tgt Ion: 98 Resp: 1158459
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 308.423 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 43 Resp: 2585283
Ion Ratio Lower Upper
43 100
58 44.2 36.1 54.1

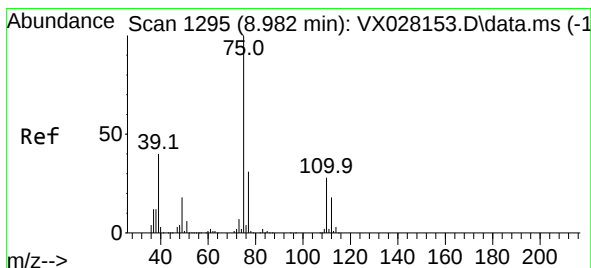
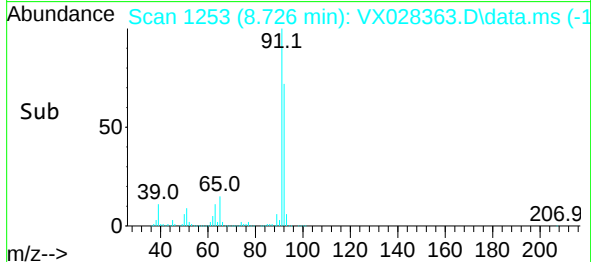
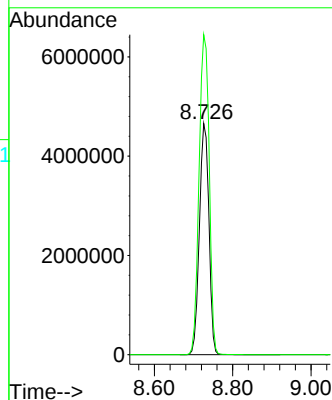
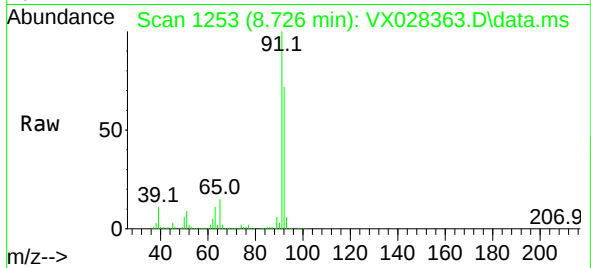




#52
Toluene
Concen: 490.502 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

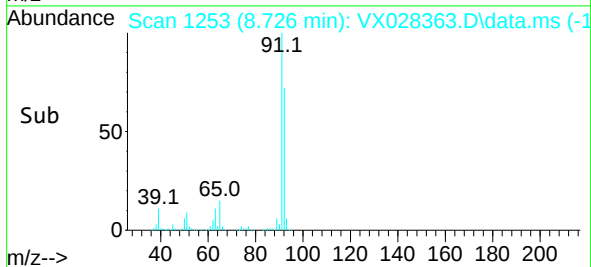
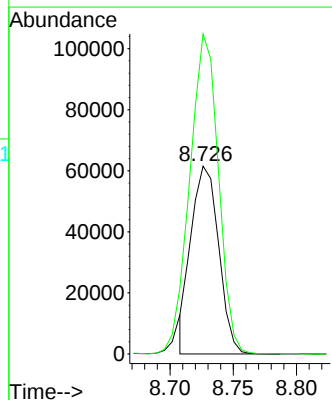
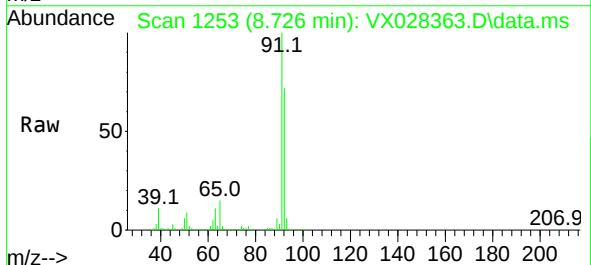
Instrument :
MSVOA_X
ClientSampleId :
31699

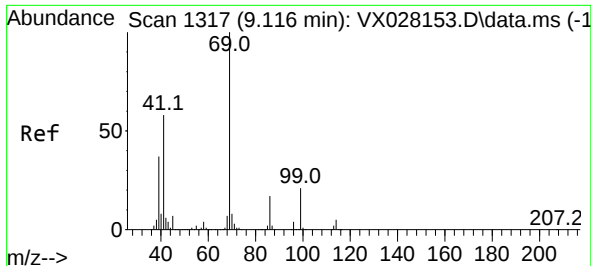
Tgt Ion: 92 Resp: 7890164
Ion Ratio Lower Upper
92 100
91 148.3 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 10.272 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 75 Resp: 93278
Ion Ratio Lower Upper
75 100
77 170.2 25.4 38.0#





#56

Ethyl methacrylate

Concen: 2.178 ug/l

RT: 9.037 min Scan# 11

Delta R.T. -0.079 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

31699

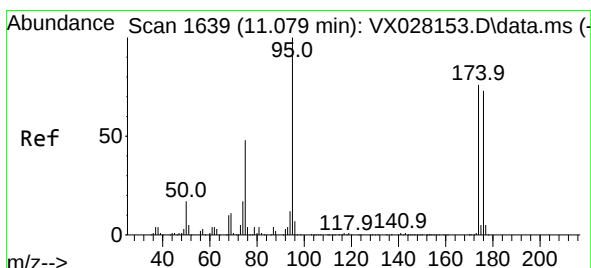
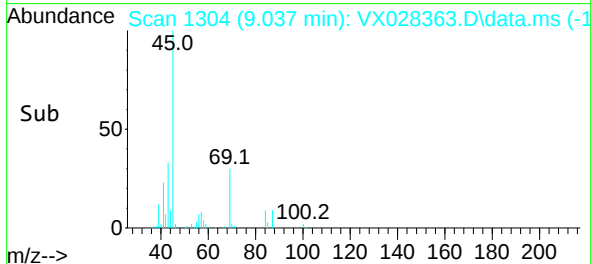
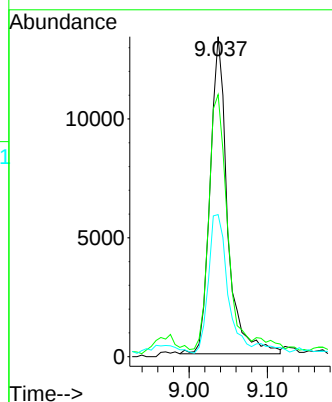
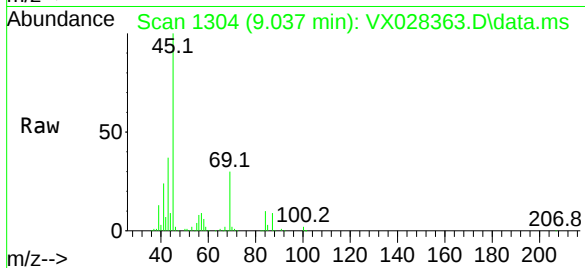
Tgt Ion: 69 Resp: 20635

Ion Ratio Lower Upper

69 100

41 83.8 43.8 65.6#

39 48.0 22.2 33.2#



#62

4-Bromofluorobenzene

Concen: 48.691 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

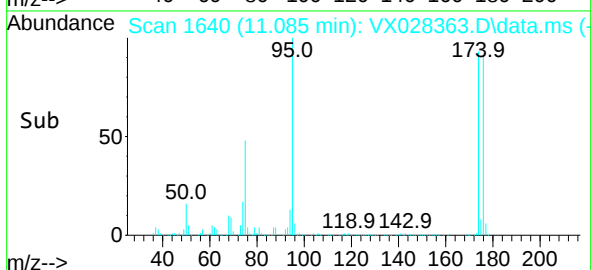
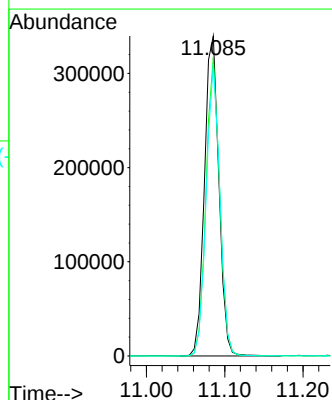
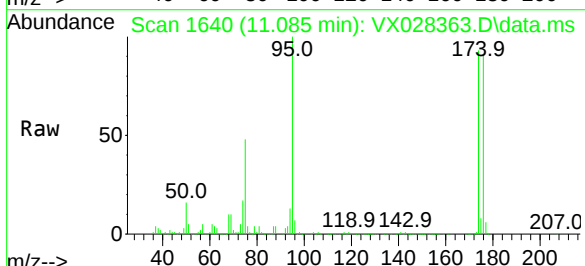
Tgt Ion: 95 Resp: 433610

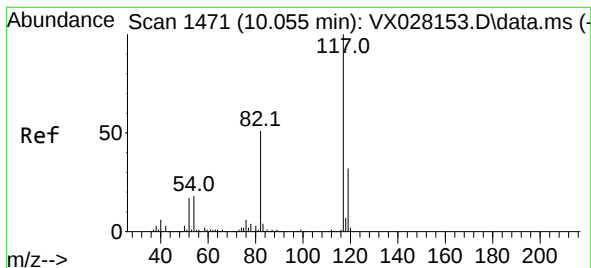
Ion Ratio Lower Upper

95 100

174 88.7 0.0 163.0

176 86.3 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

31699

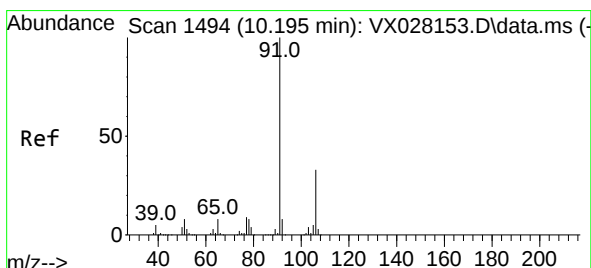
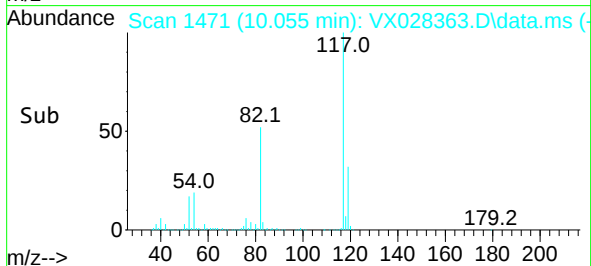
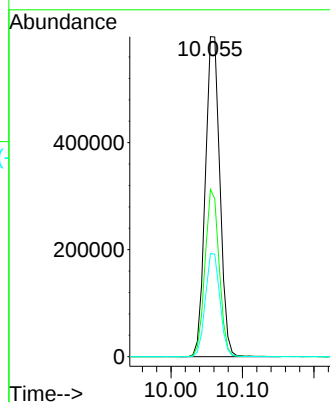
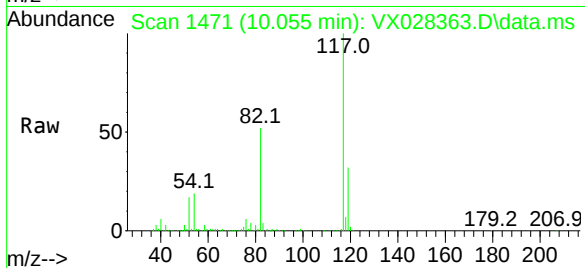
Tgt Ion:117 Resp: 846372

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

119 32.3 24.8 37.2



#67

Ethyl Benzene

Concen: 0.680 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX028363.D

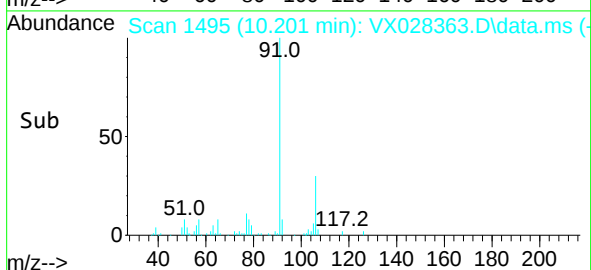
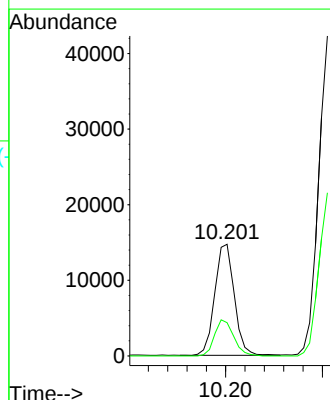
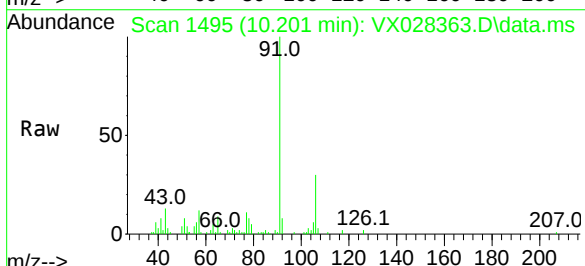
Acq: 26 Apr 2022 20:28

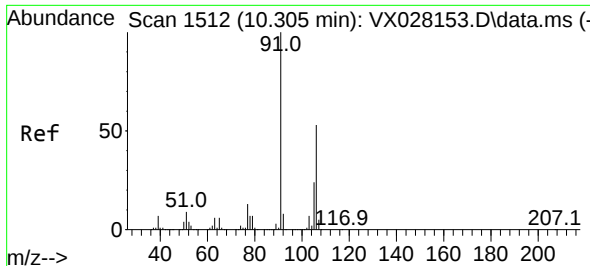
Tgt Ion: 91 Resp: 20576

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8

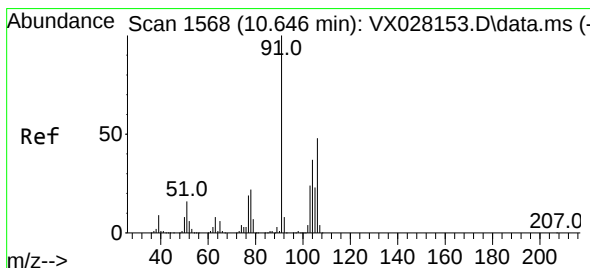
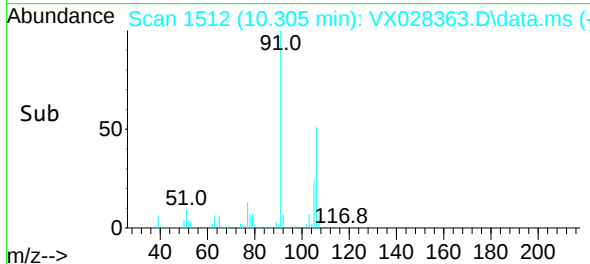
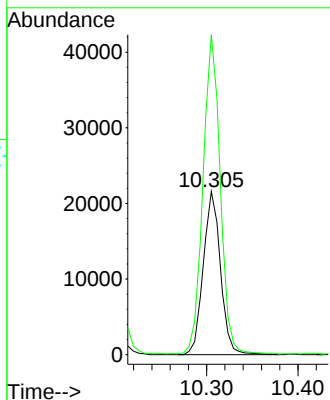
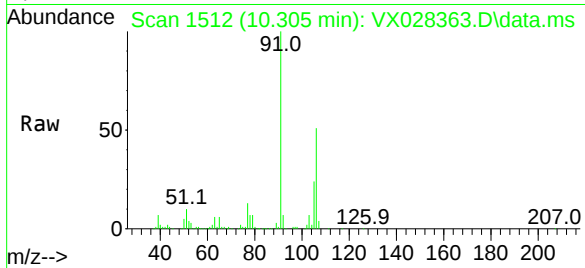




#68
m/p-Xylenes
Concen: 2.297 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

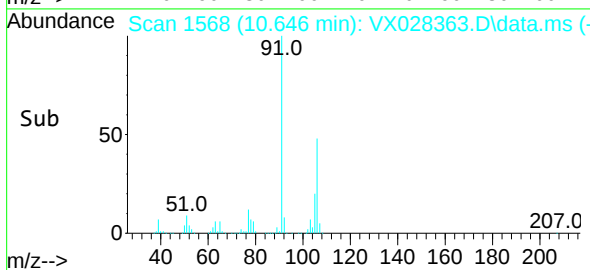
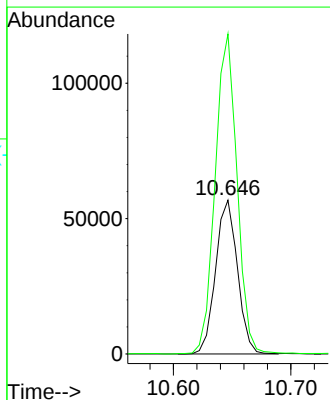
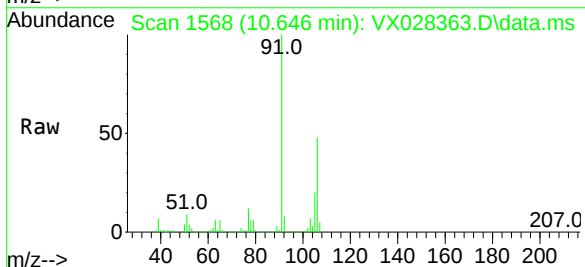
Instrument :
MSVOA_X
ClientSampleId :
31699

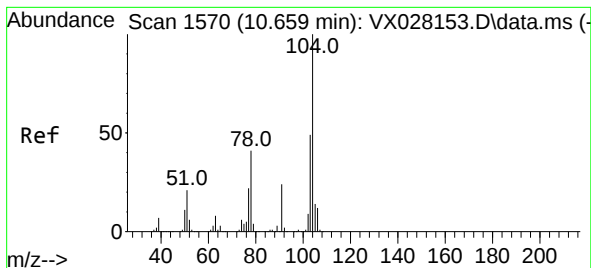
Tgt Ion:106 Resp: 28284
Ion Ratio Lower Upper
106 100
91 195.6 160.4 240.6



#69
o-Xylene
Concen: 5.989 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion:106 Resp: 73535
Ion Ratio Lower Upper
106 100
91 208.8 106.1 318.1





#70

Styrene

Concen: 0.224 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.013 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

31699

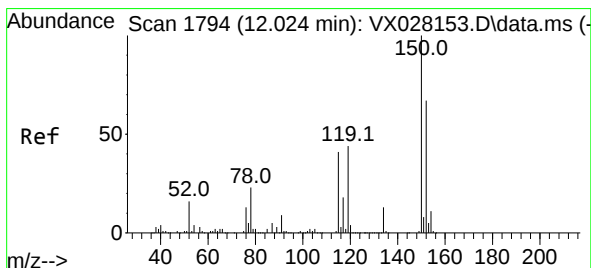
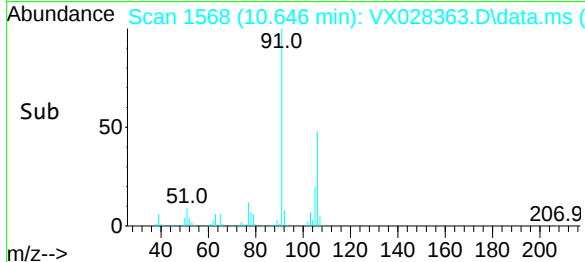
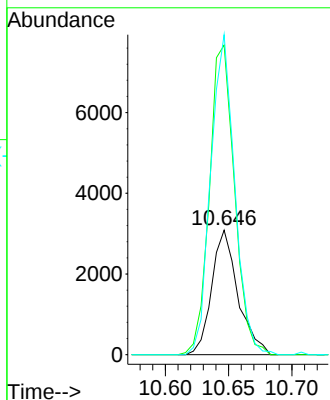
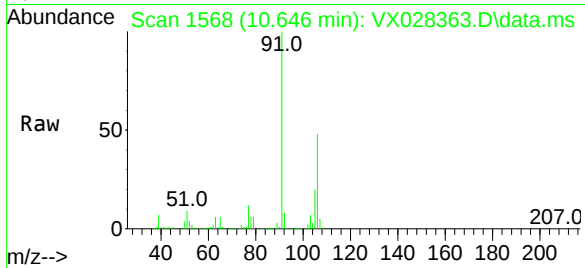
Tgt Ion:104 Resp: 4460

Ion Ratio Lower Upper

104 100

78 237.1 38.6 57.8#

103 234.5 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

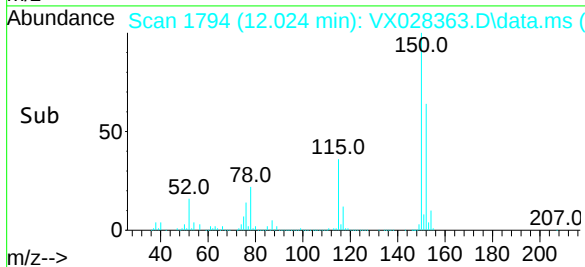
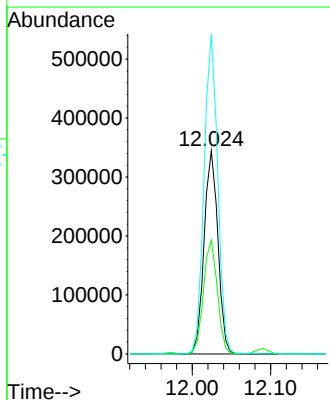
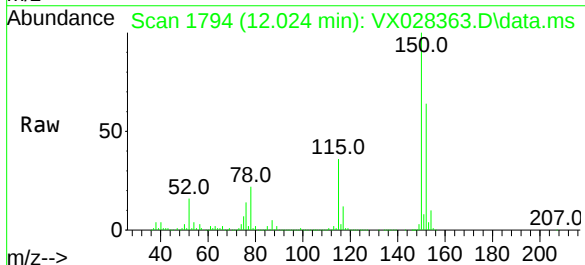
Tgt Ion:152 Resp: 420828

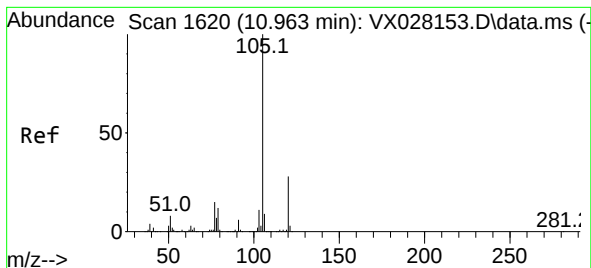
Ion Ratio Lower Upper

152 100

115 56.0 37.5 112.7

150 155.7 0.0 338.2





#73

Isopropylbenzene

Concen: 0.243 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

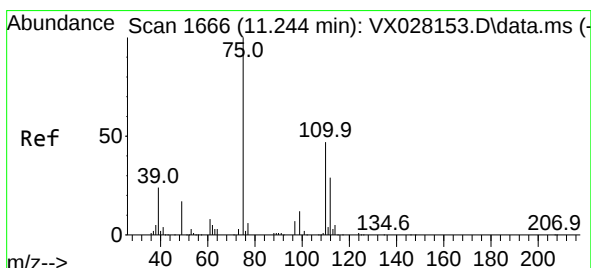
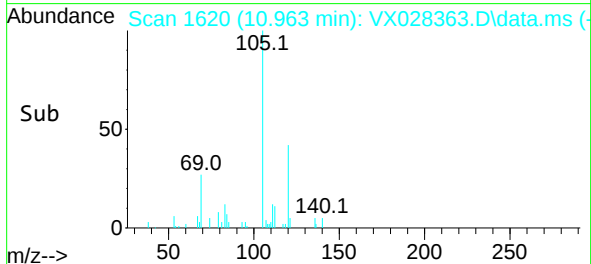
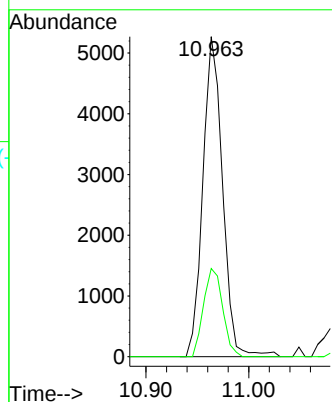
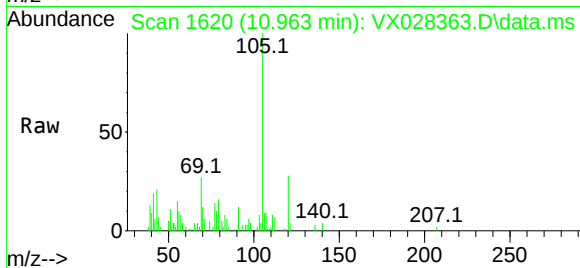
31699

Tgt Ion:105 Resp: 7025

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 25.394 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX028363.D

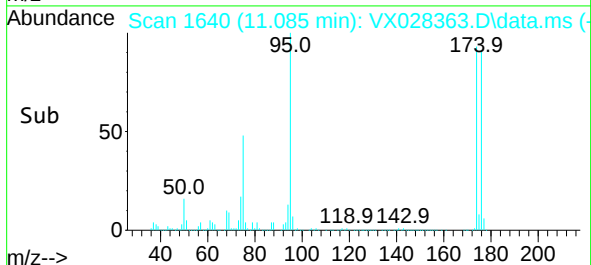
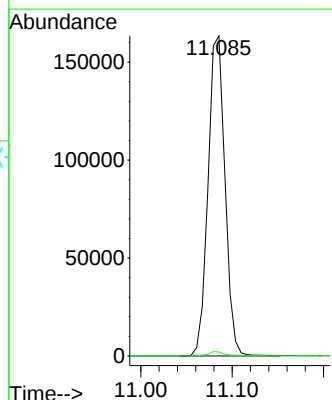
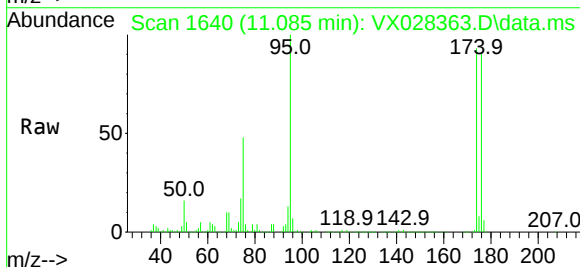
Acq: 26 Apr 2022 20:28

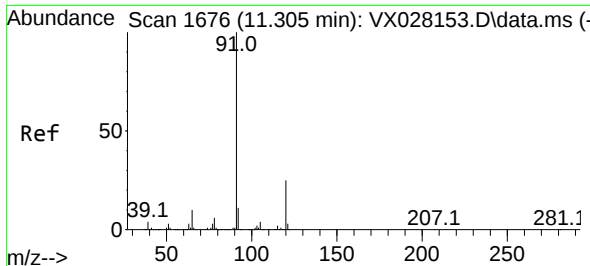
Tgt Ion: 75 Resp: 210318

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#

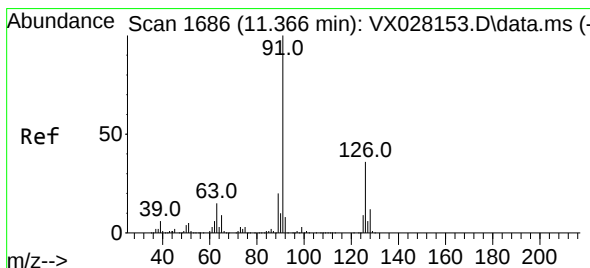
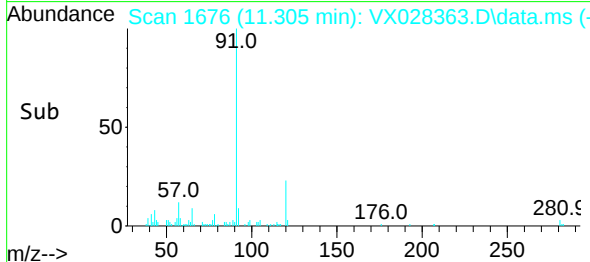
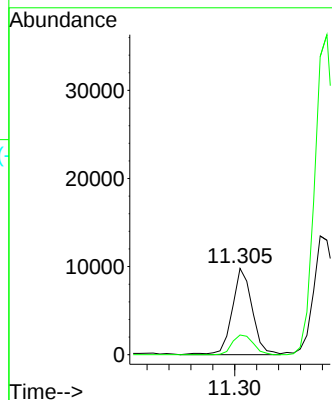
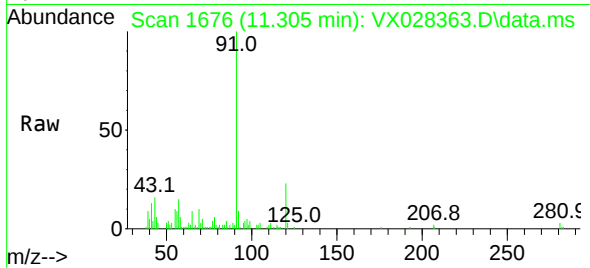




#78
n-propylbenzene
Concen: 0.387 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

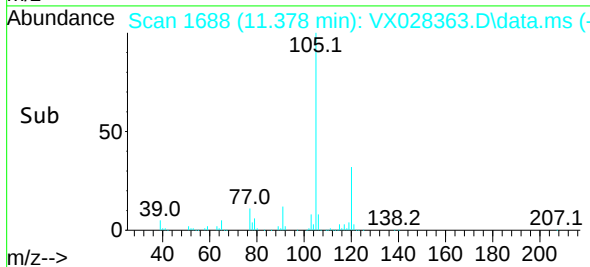
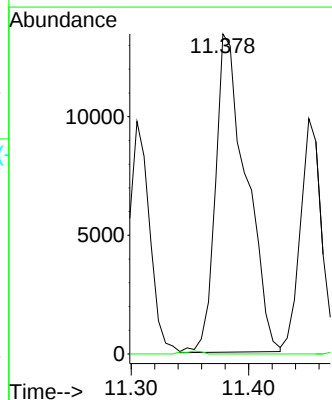
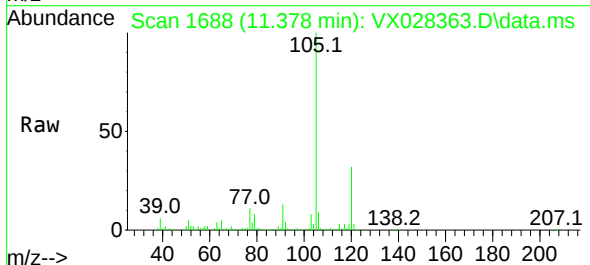
Instrument :
MSVOA_X
ClientSampleId :
31699

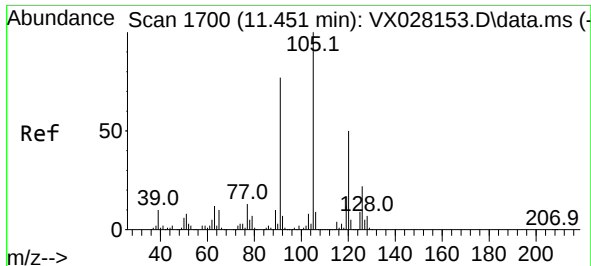
Tgt Ion: 91 Resp: 12424
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8



#79
2-Chlorotoluene
Concen: 1.220 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 91 Resp: 24320
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

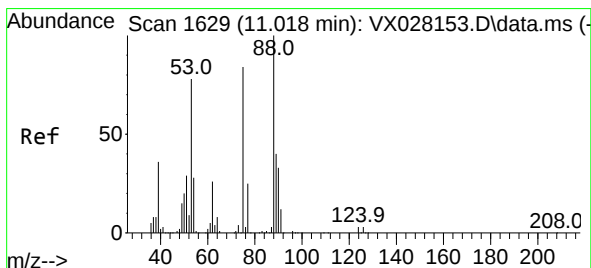
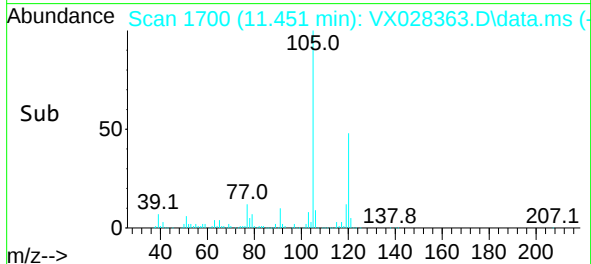
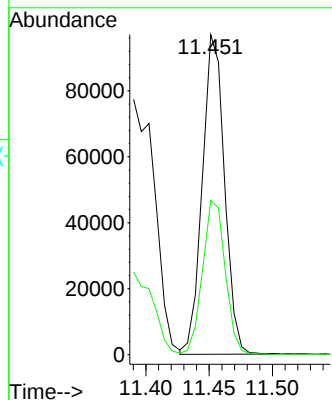
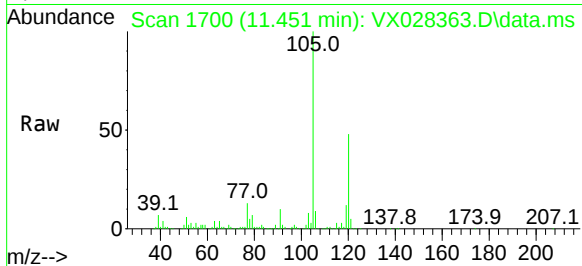




#80
 1,3,5-Trimethylbenzene
 Concen: 4.823 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028363.D
 Acq: 26 Apr 2022 20:28

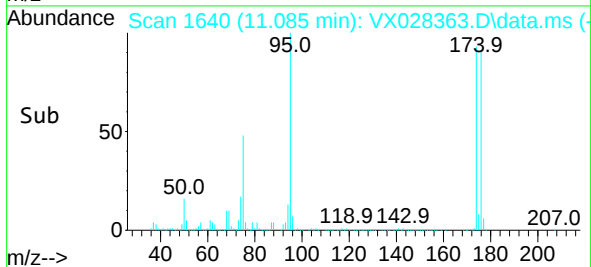
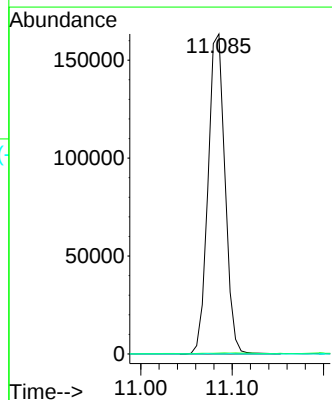
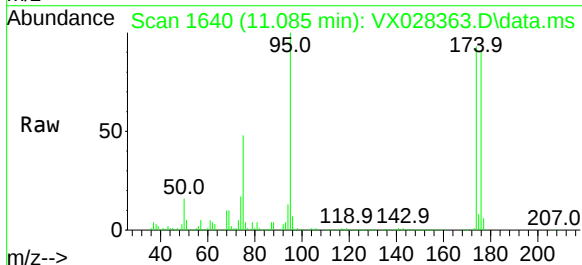
Instrument :
 MSVOA_X
 ClientSampleId :
 31699

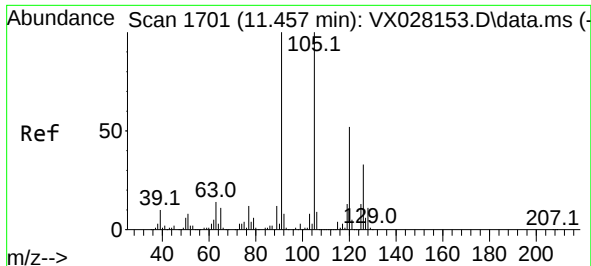
Tgt Ion:105 Resp: 118412
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.464 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.067 min
 Lab File: VX028363.D
 Acq: 26 Apr 2022 20:28

Tgt Ion: 75 Resp: 210318
 Ion Ratio Lower Upper
 75 100
 53 0.7 69.0 103.4#
 89 0.0 37.0 55.6#

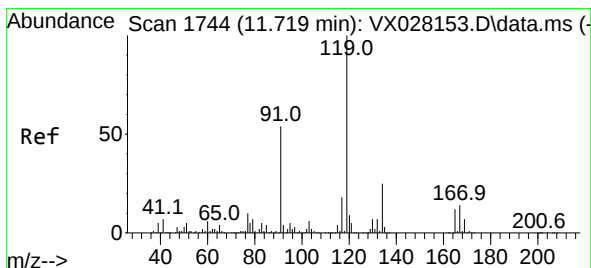
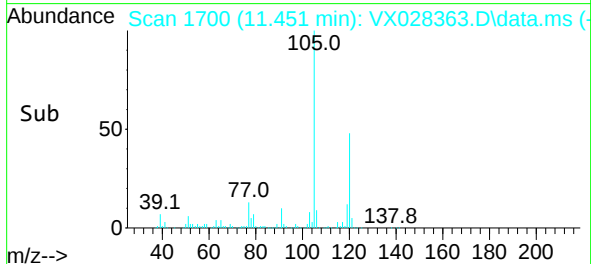
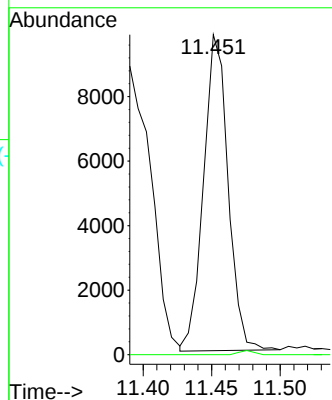
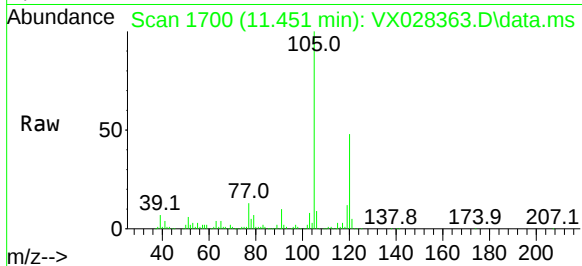




#82
4-Chlorotoluene
Concen: 0.532 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

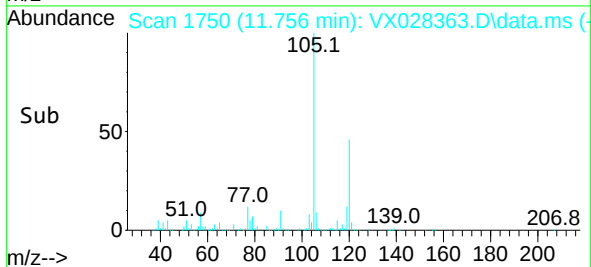
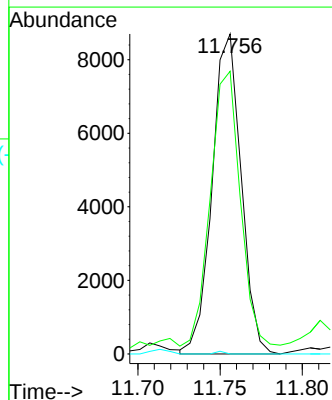
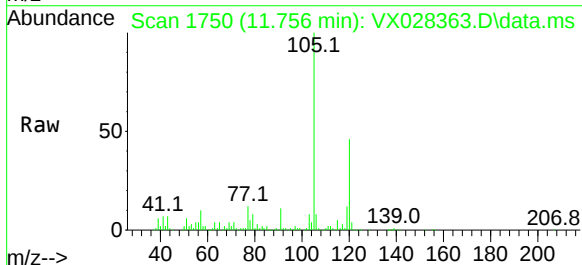
Instrument :
MSVOA_X
ClientSampleId :
31699

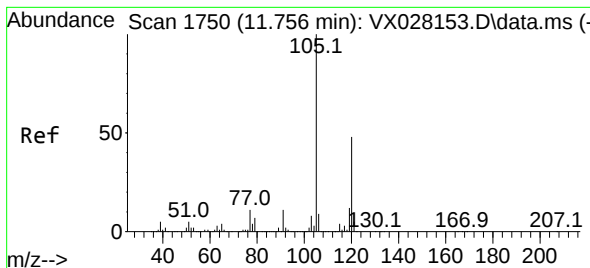
Tgt Ion: 91 Resp: 12216
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 0.425 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 119 Resp: 10661
Ion Ratio Lower Upper
119 100
91 92.3 26.9 80.6#
134 0.0 11.4 34.2#





#84

1,2,4-Trimethylbenzene

Concen: 3.636 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

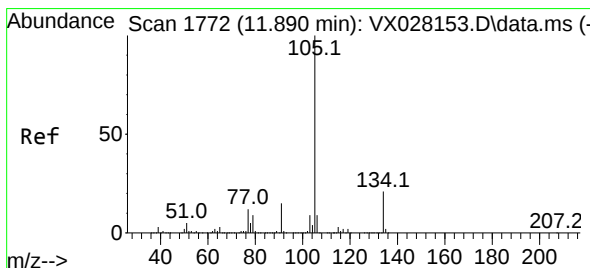
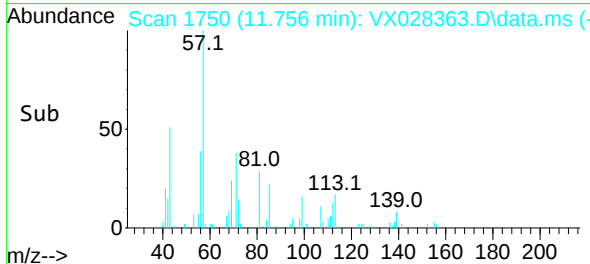
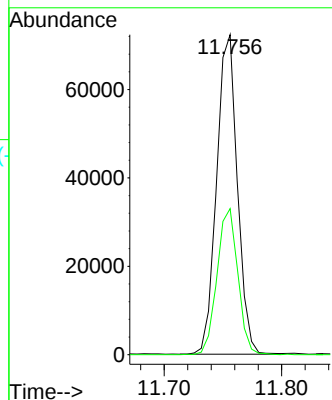
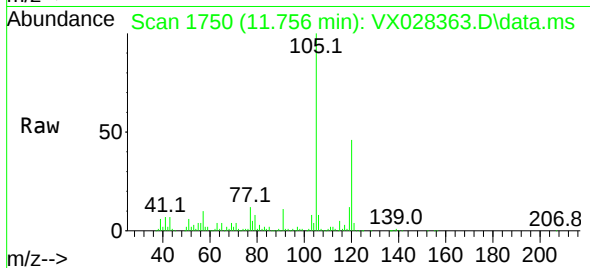
31699

Tgt Ion:105 Resp: 88742

Ion Ratio Lower Upper

105 100

120 45.9 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.541 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028363.D

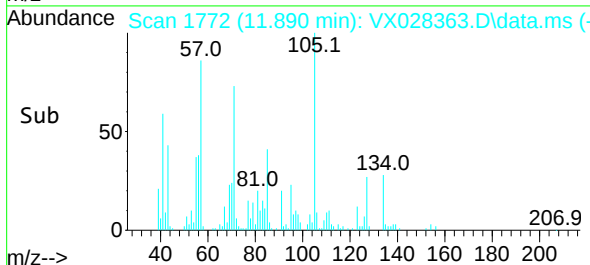
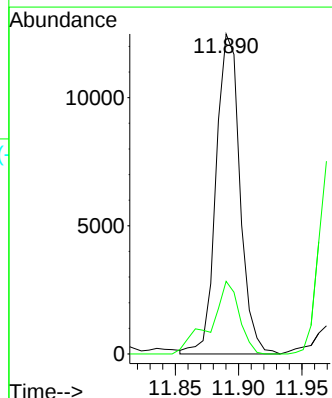
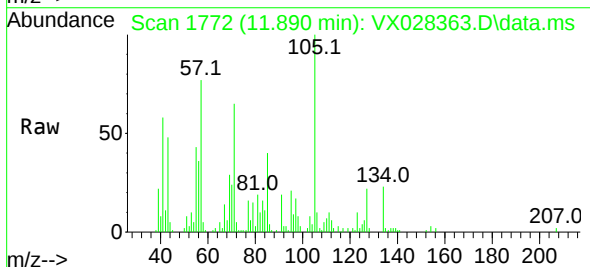
Acq: 26 Apr 2022 20:28

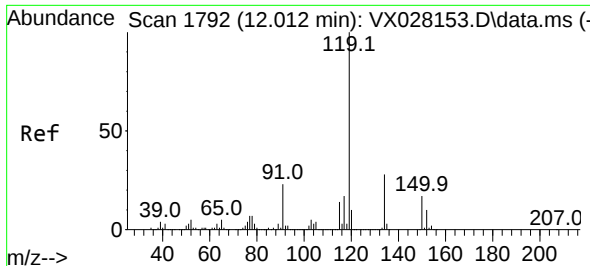
Tgt Ion:105 Resp: 16359

Ion Ratio Lower Upper

105 100

134 27.3 10.2 30.4

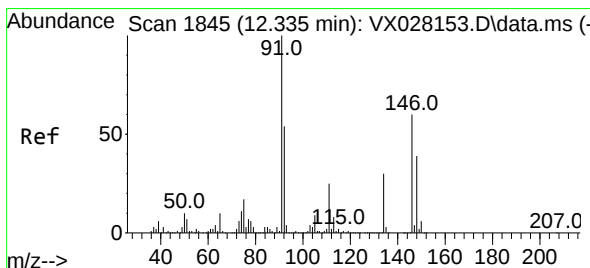
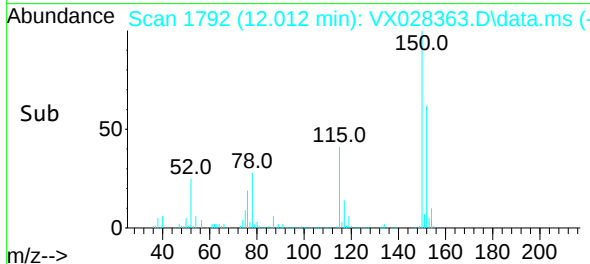
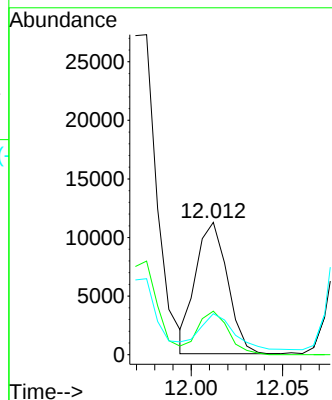
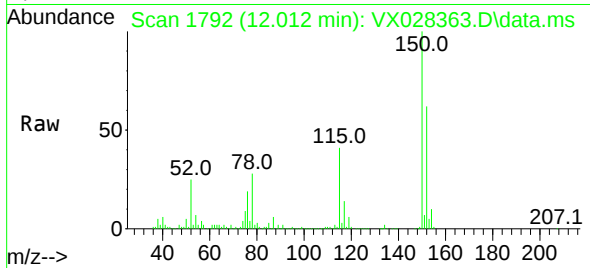




#86
p-Isopropyltoluene
Concen: 0.521 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

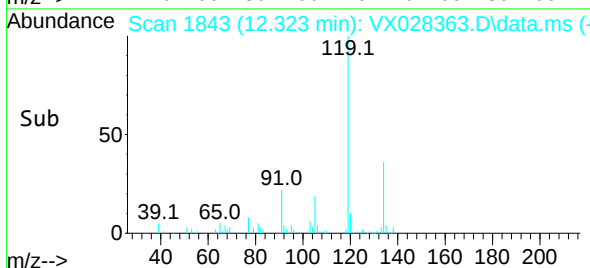
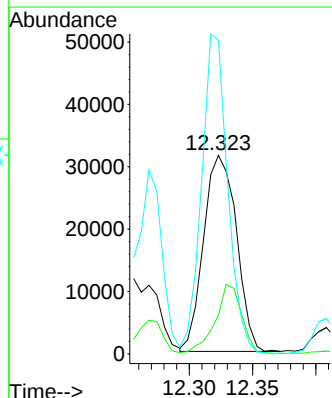
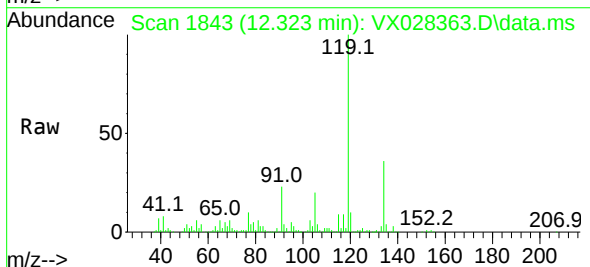
Instrument :
MSVOA_X
ClientSampleId :
31699

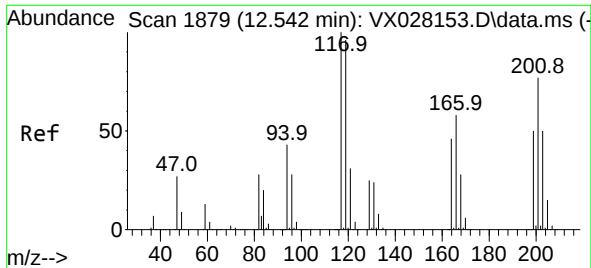
Tgt Ion: 119 Resp: 13597
Ion Ratio Lower Upper
119 100
134 32.4 13.0 39.0
91 31.2 11.3 33.9



#89
n-Butylbenzene
Concen: 2.652 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 91 Resp: 56820
Ion Ratio Lower Upper
91 100
92 28.2 27.8 83.3
134 129.9 13.3 39.8#

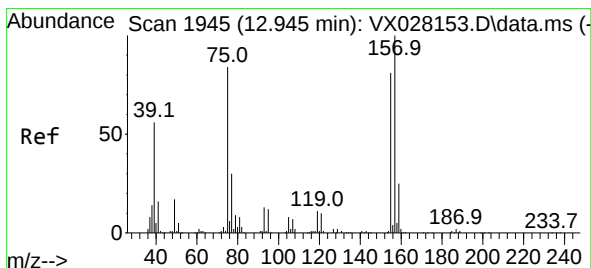
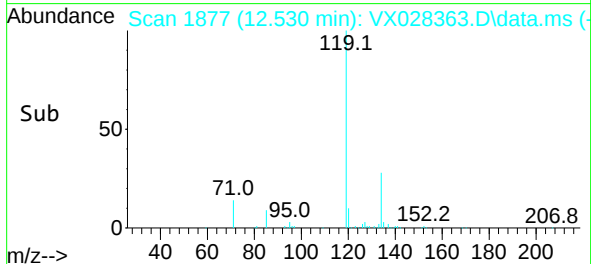
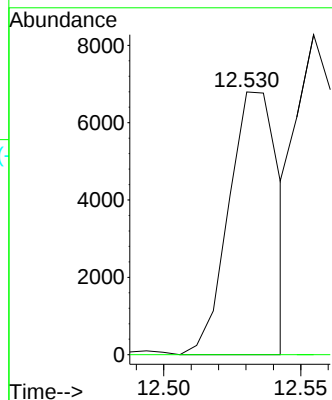
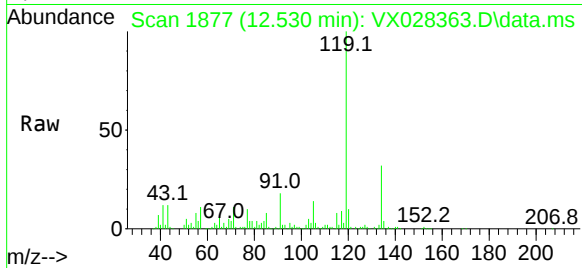




#90
Hexachloroethane
Concen: 3.582 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

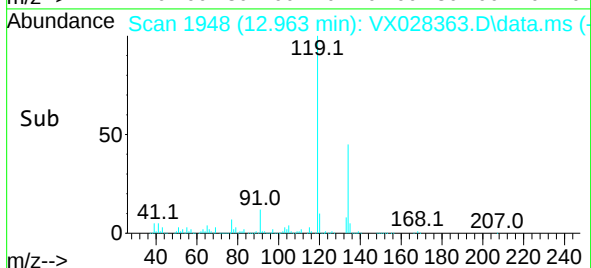
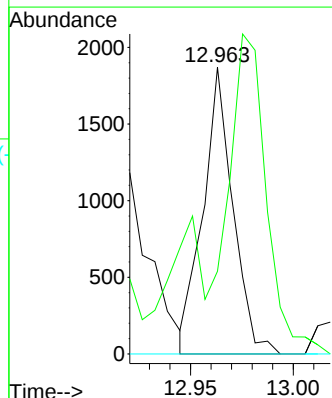
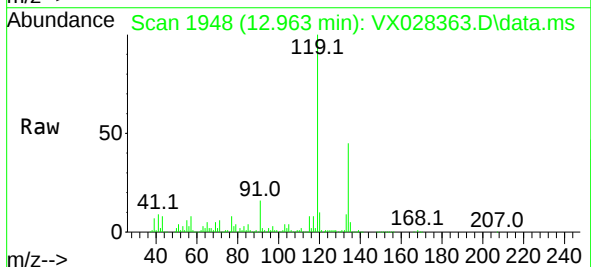
Instrument :
MSVOA_X
ClientSampleId :
31699

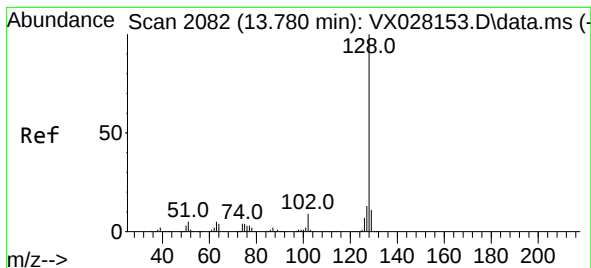
Tgt Ion:117 Resp: 8613
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.905 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX028363.D
Acq: 26 Apr 2022 20:28

Tgt Ion: 75 Resp: 1890
Ion Ratio Lower Upper
75 100
155 140.5 47.0 141.2
157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 2.205 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

31699

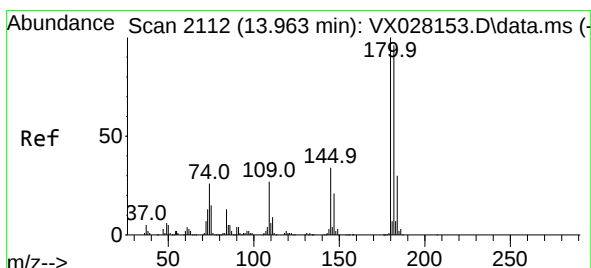
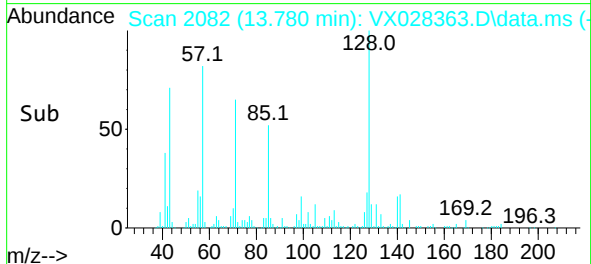
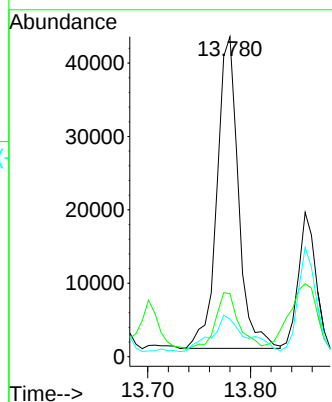
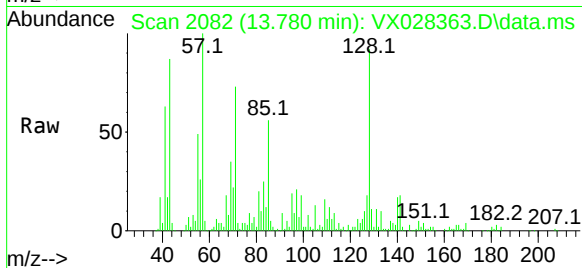
Tgt Ion:128 Resp: 61420

Ion Ratio Lower Upper

128 100

127 19.9 10.2 15.4#

129 18.7 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.720 ug/l

RT: 13.975 min Scan# 2114

Delta R.T. 0.012 min

Lab File: VX028363.D

Acq: 26 Apr 2022 20:28

Tgt Ion:180 Resp: 5907

Ion Ratio Lower Upper

180 100

182 25.2 50.0 149.8#

145 680.6 16.2 48.5#

