

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031373.D
 Acq On : 15 Sep 2022 22:50
 Operator : JC/MD
 Sample : N4508-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-090222

Quant Time: Sep 16 04:59:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

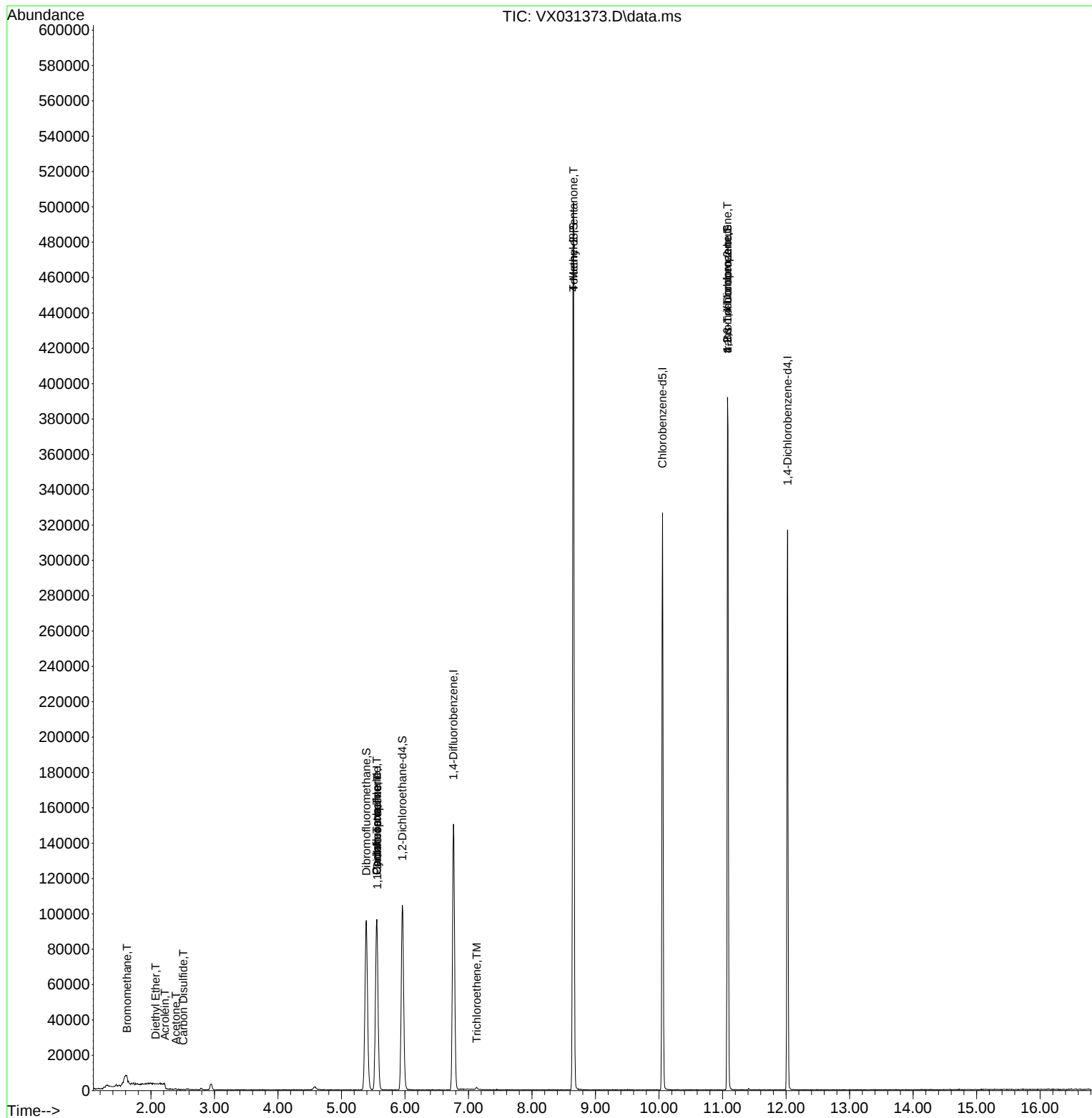
Internal Standards						
1) Pentafluorobenzene	5.556	168	91782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93942	41.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.400%
35) Dibromofluoromethane	5.391	113	78025	47.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.653	98	295768	47.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	92421	40.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.740%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	152	Below Cal	#	41
5) Bromomethane	1.624	94	474	0.394	ug/l	93
8) Diethyl Ether	2.075	74	21	0.545	ug/l #	1
11) Tert butyl alcohol	2.953	59	2078	Below Cal	#	73
13) Acrolein	2.221	56	72	0.277	ug/l #	15
16) Acetone	2.392	43	704	0.732	ug/l	94
17) Carbon Disulfide	2.508	76	121	0.918	ug/l #	75
20) Methylene Chloride	2.788	84	296	Below Cal		87
21) trans-1,2-Dichloroethene	3.160	96	46	Below Cal	#	1
31) Cyclohexane	5.556	56	2347	0.970	ug/l #	59
36) 1,1-Dichloropropene	5.562	75	7571	3.360	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9245	3.775	ug/l #	17
44) Trichloroethene	7.129	130	428	0.259	ug/l	58
51) 4-Methyl-2-Pentanone	8.653	43	1631	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53484	35.493	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53484	98.210	ug/l #	11

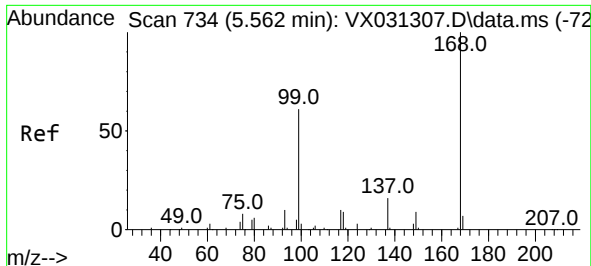
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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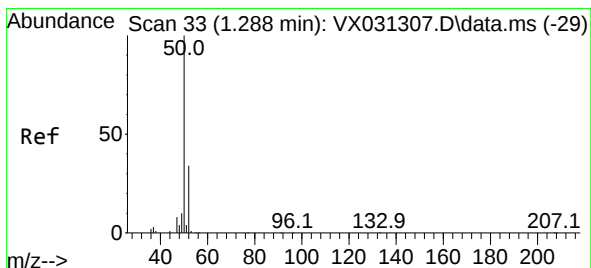
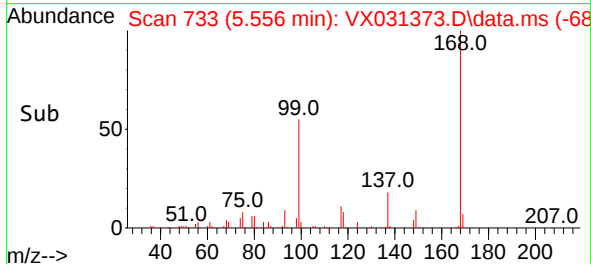
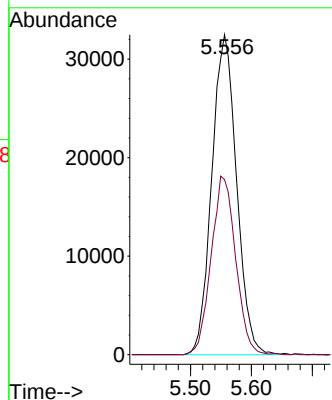
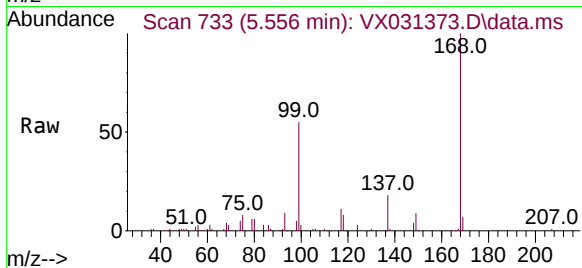




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

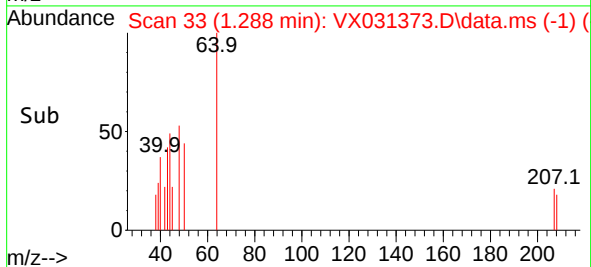
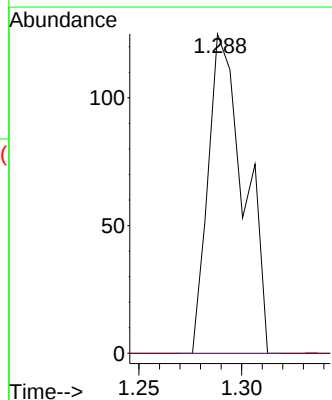
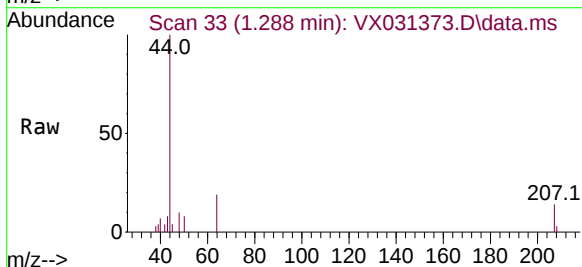
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

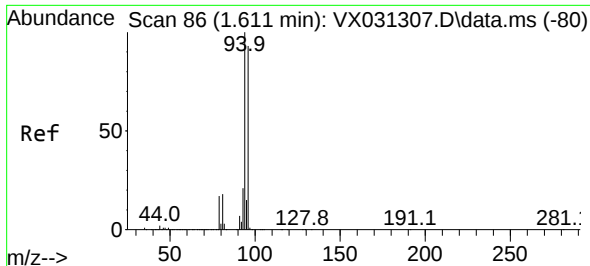
Tgt Ion:168 Resp: 91782
Ion Ratio Lower Upper
168 100
99 54.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 50 Resp: 152
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

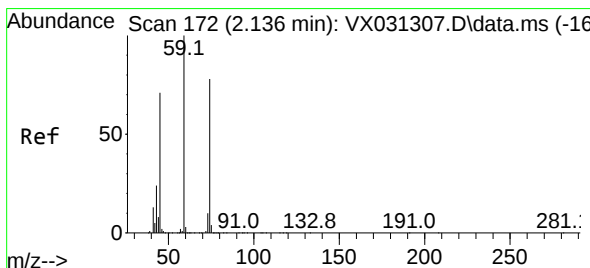
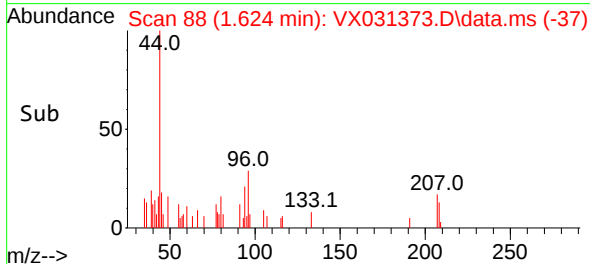
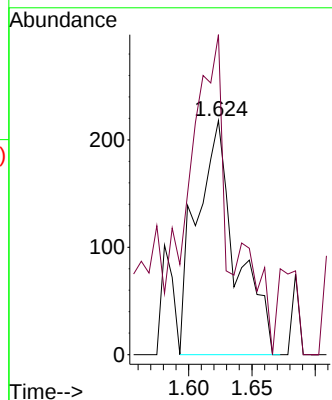
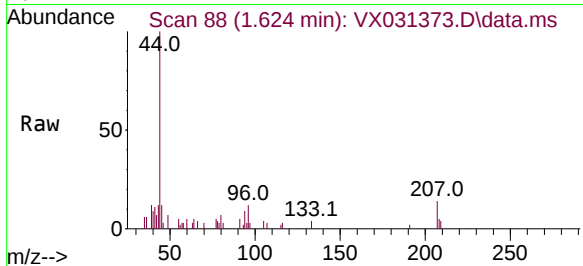




#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

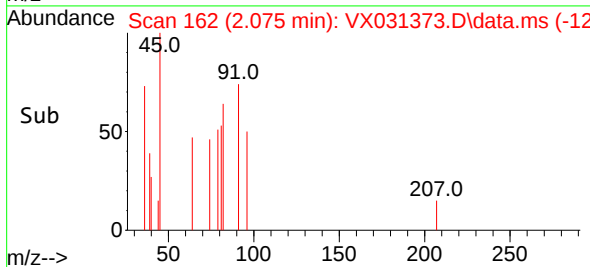
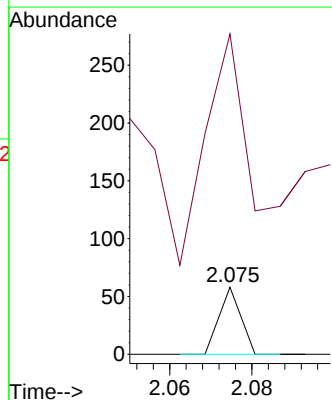
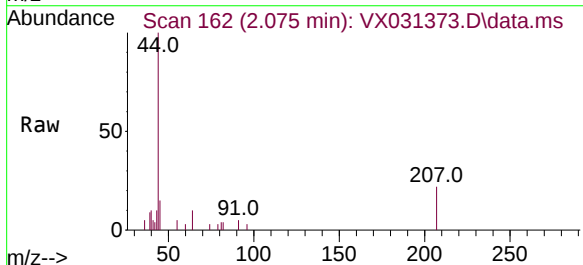
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

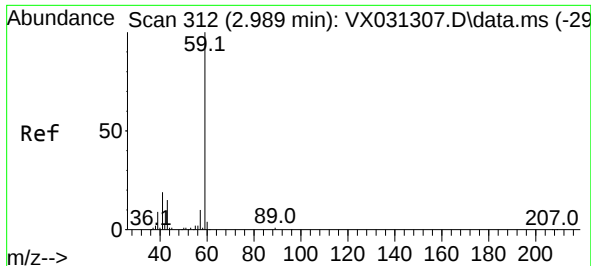
Tgt Ion: 94 Resp: 474
Ion Ratio Lower Upper
94 100
96 100.0 74.4 111.6



#8
Diethyl Ether
Concen: 0.545 ug/l
RT: 2.075 min Scan# 162
Delta R.T. -0.061 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 719.0 48.5 145.6#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031373.D

Acq: 15 Sep 2022 22:50

Instrument :

MSVOA_X

ClientSampleId :

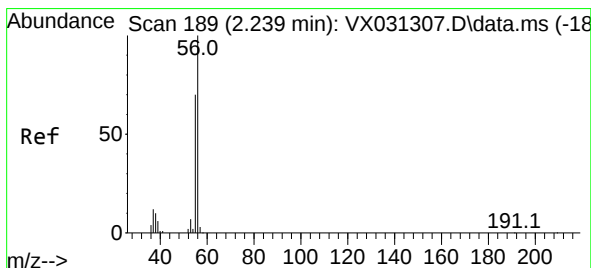
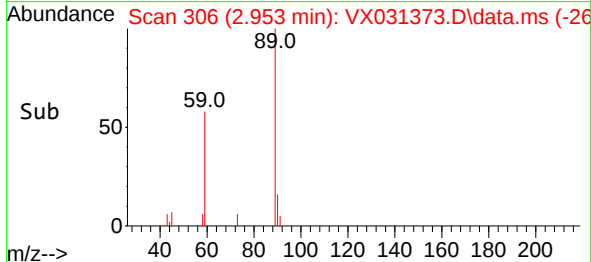
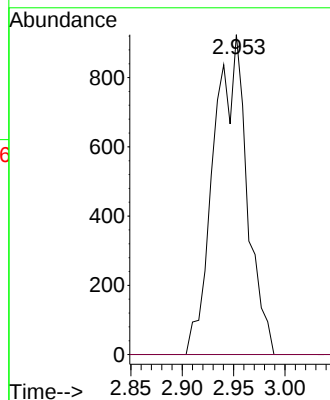
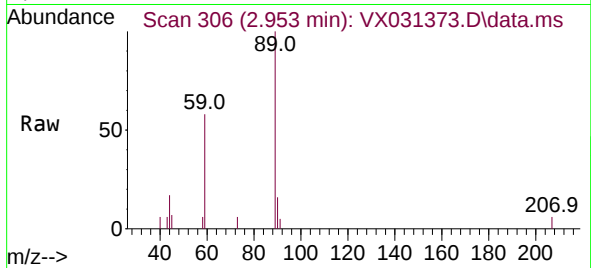
TB01-090222

Tgt Ion: 59 Resp: 2078

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.277 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX031373.D

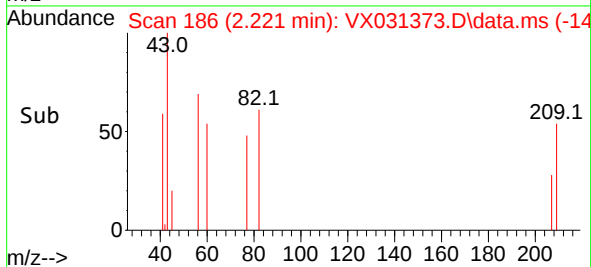
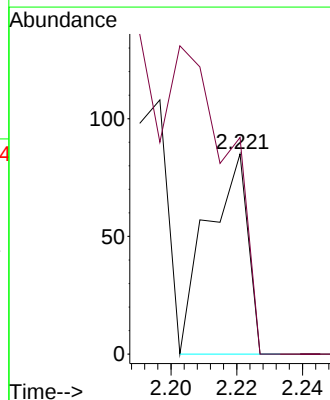
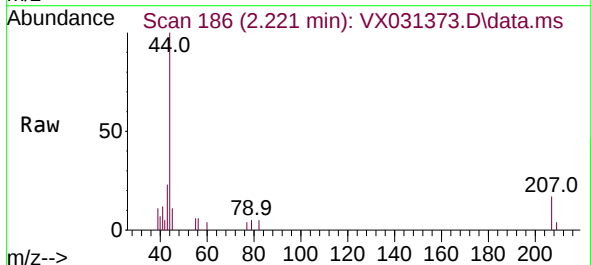
Acq: 15 Sep 2022 22:50

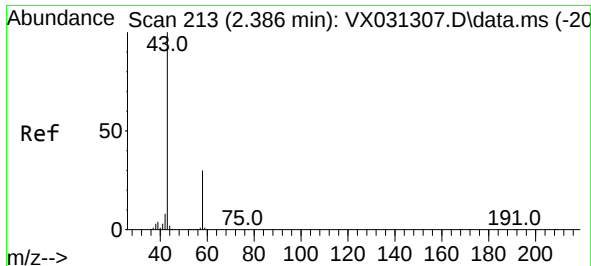
Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

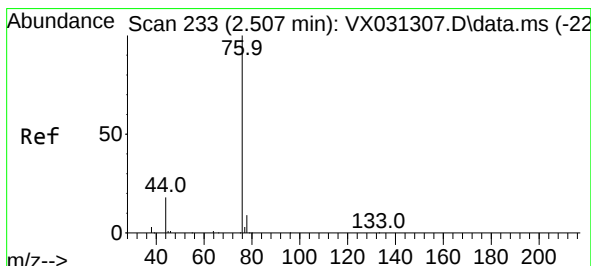
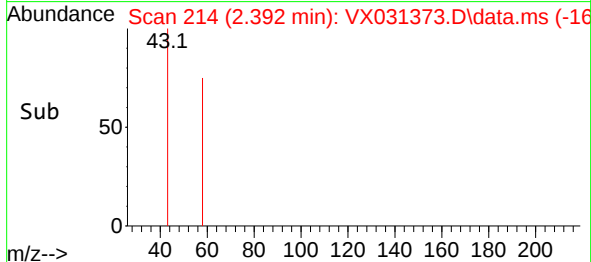
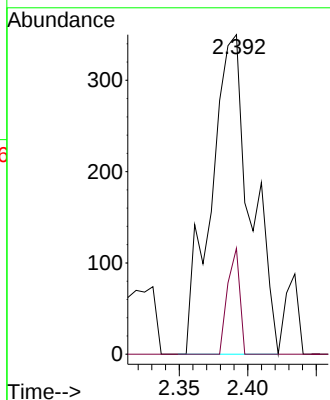
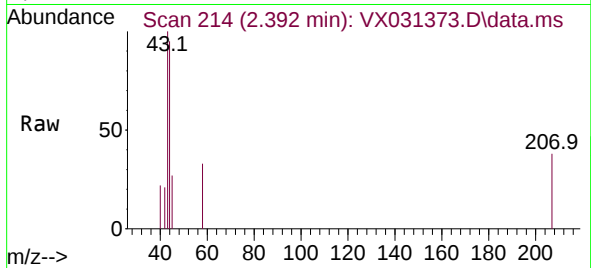




#16
Acetone
Concen: 0.732 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

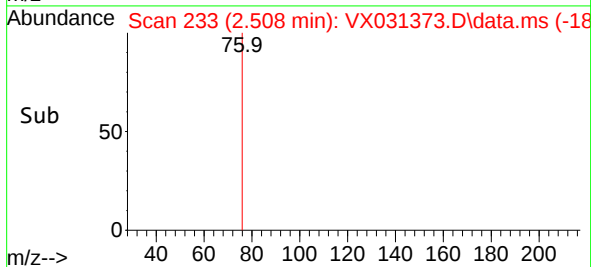
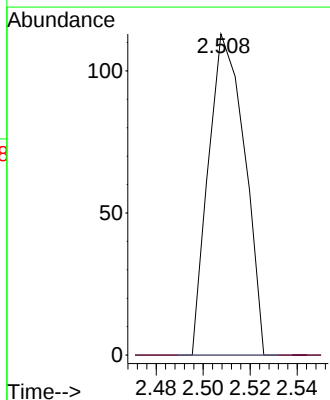
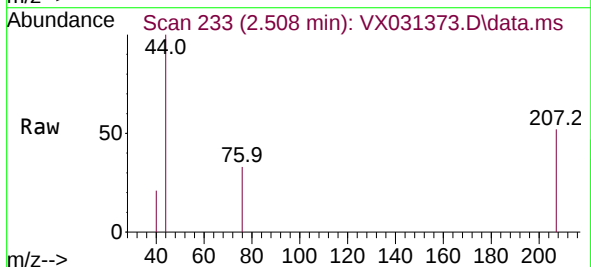
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

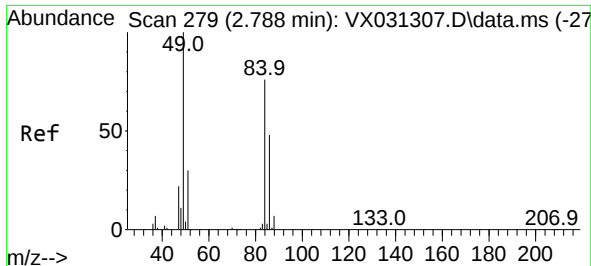
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8



#17
Carbon Disulfide
Concen: 0.918 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 76 Resp: 121
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

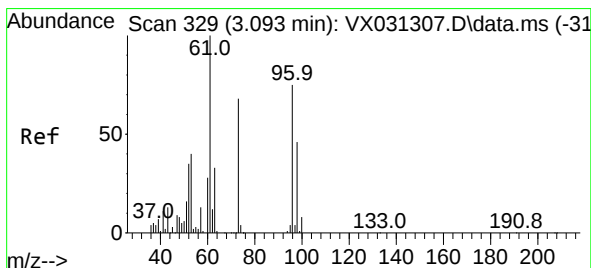
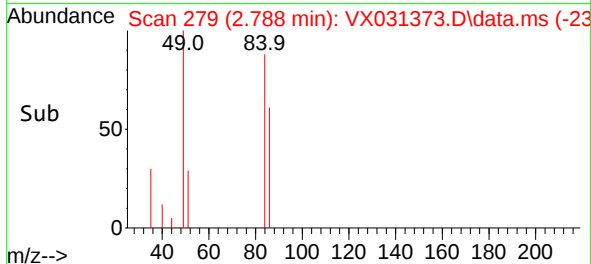
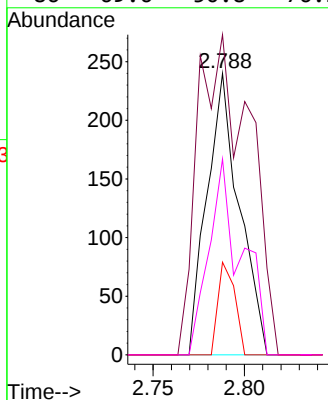
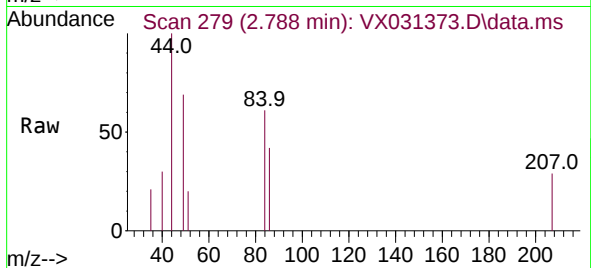




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

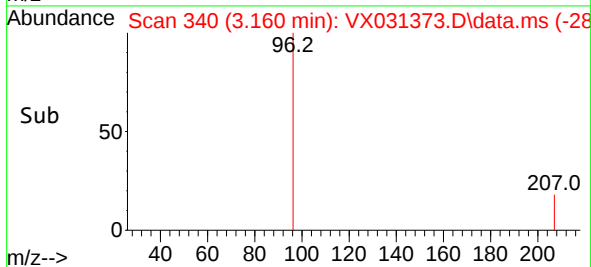
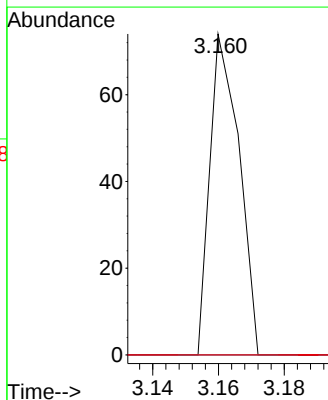
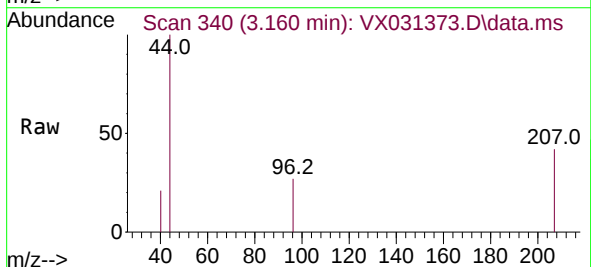
Instrument :
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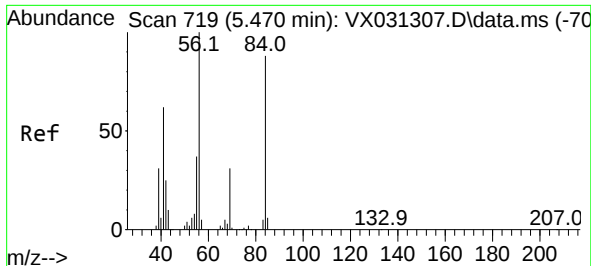
Tgt Ion:	84	Resp:	296
Ion	Ratio	Lower	Upper
84	100		
49	113.8	105.9	158.9
51	32.9	32.2	48.2
86	69.6	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.160 min Scan# 340
Delta R.T. 0.067 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion:	96	Resp:	46
Ion	Ratio	Lower	Upper
96	100		
61	0.0	106.7	160.1#
98	0.0	48.7	73.1#

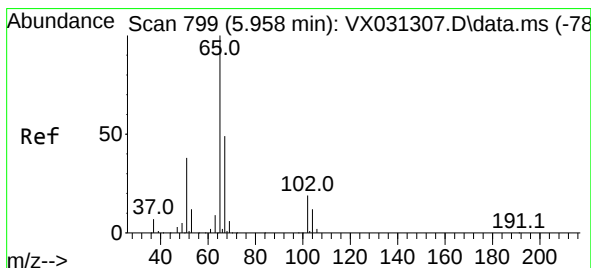
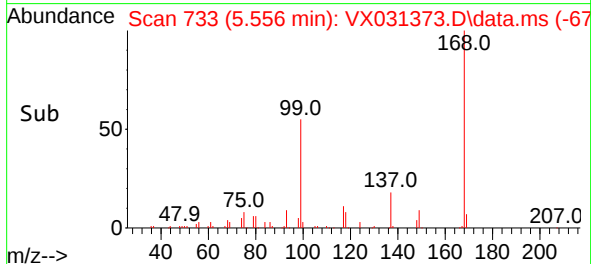
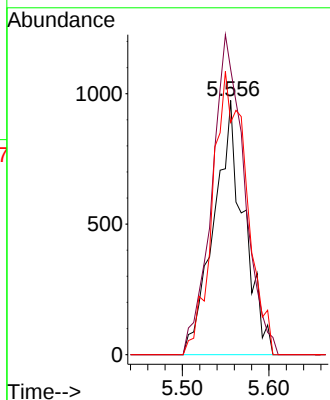
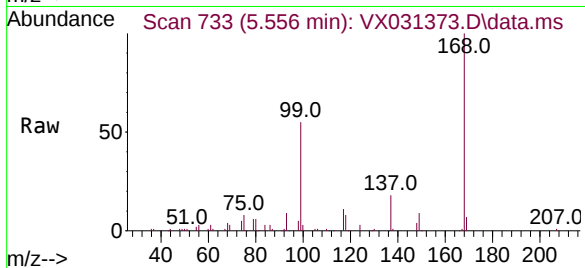




#31
Cyclohexane
Concen: 0.970 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

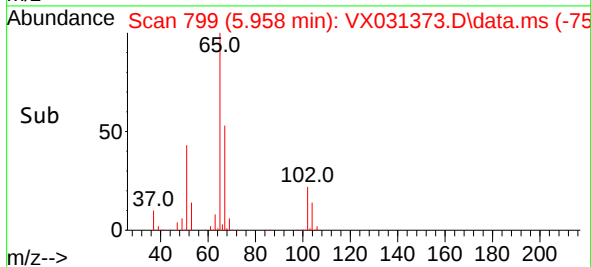
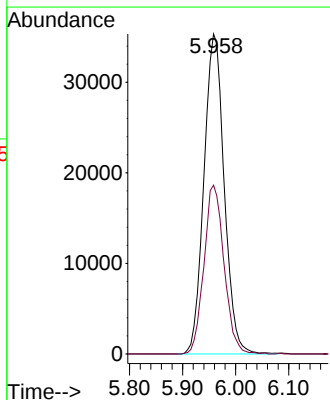
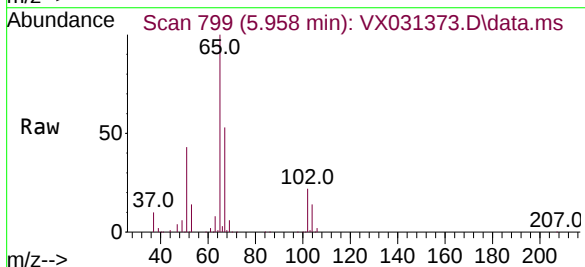
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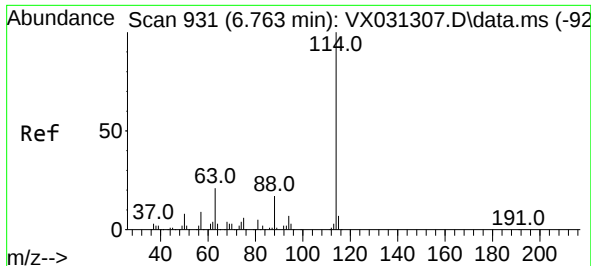
Tgt Ion: 56 Resp: 2347
Ion Ratio Lower Upper
56 100
69 112.2 25.1 37.7#
84 91.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 41.700 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 65 Resp: 93942
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

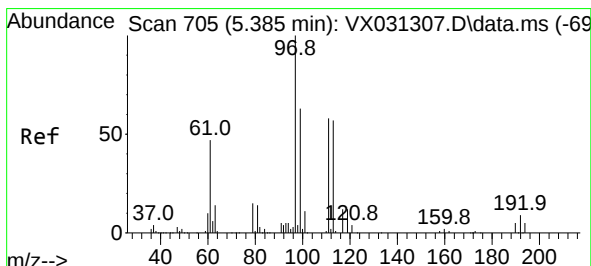
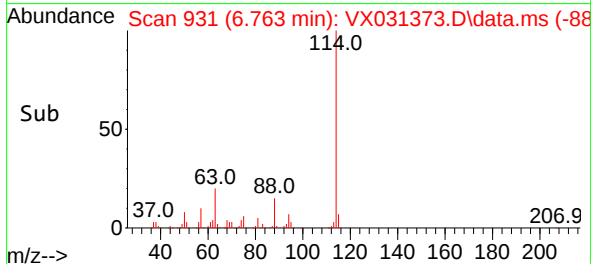
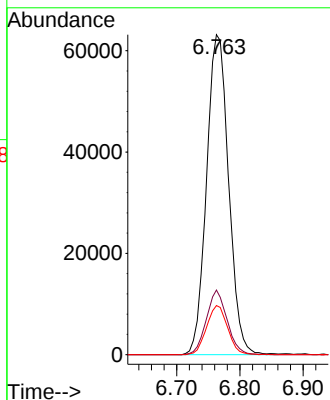
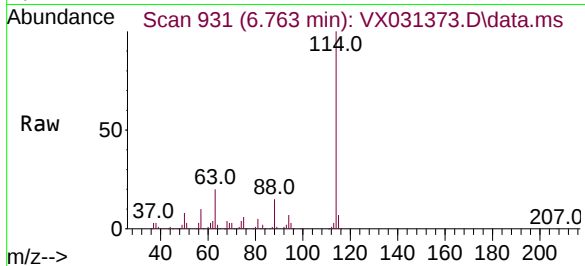




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

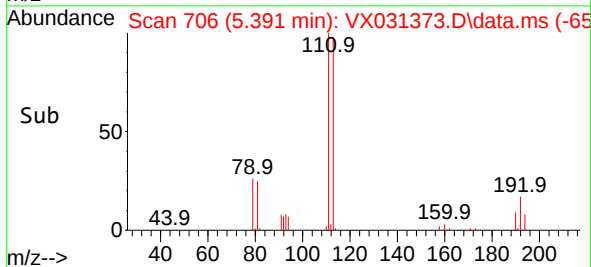
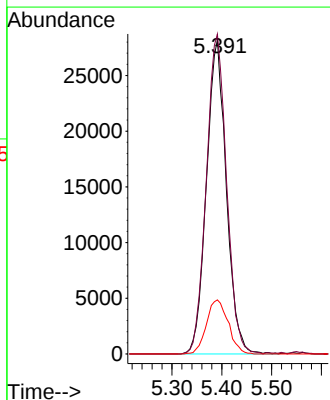
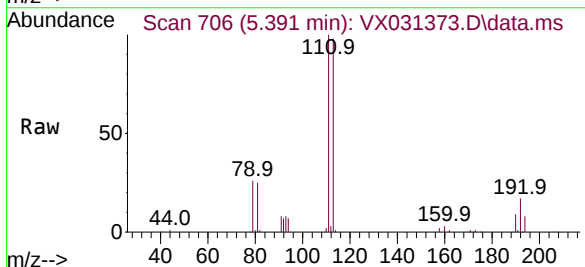
Instrument :
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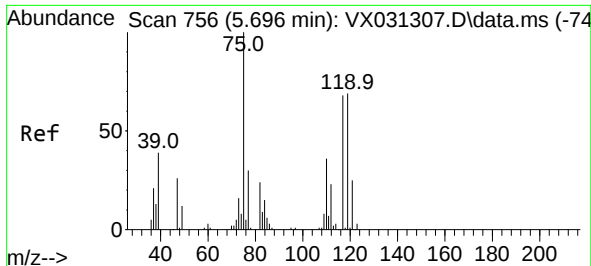
Tgt Ion:114 Resp: 153141
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.398 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion:113 Resp: 78025
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 18.8 14.1 21.1

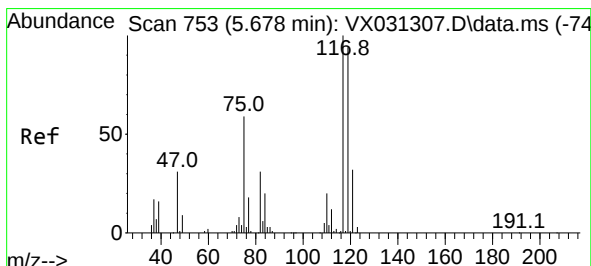
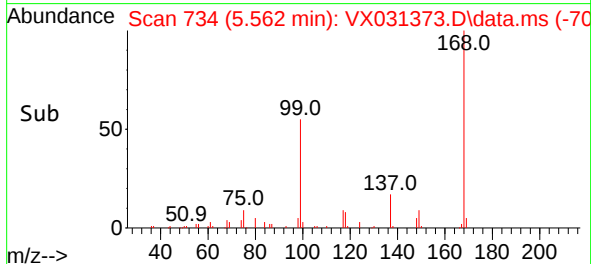
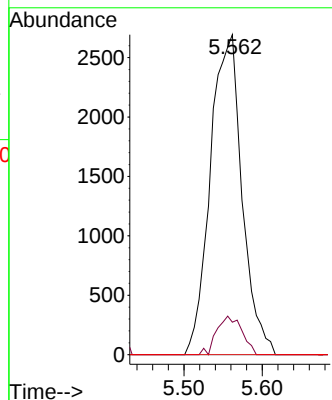
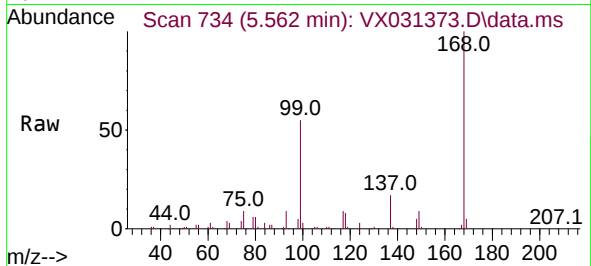




#36
1,1-Dichloropropene
Concen: 3.360 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

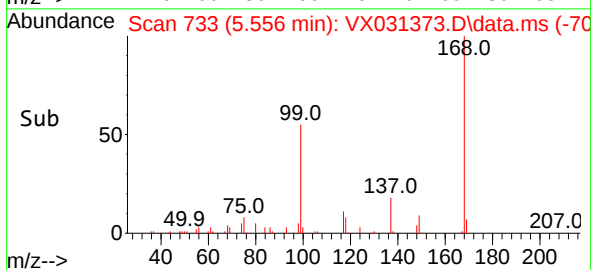
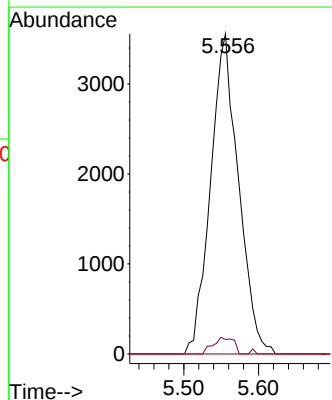
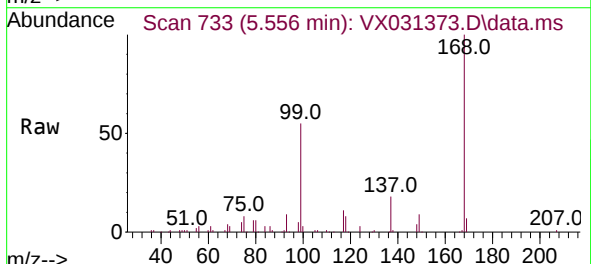
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

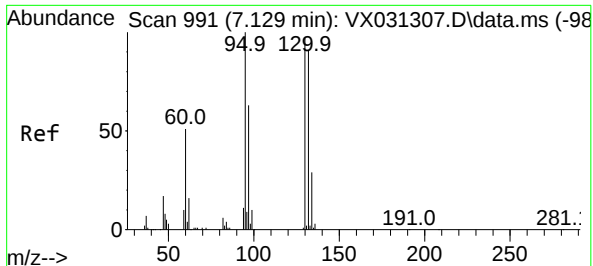
Tgt Ion: 75 Resp: 7571
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.775 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 117 Resp: 9245
Ion Ratio Lower Upper
117 100
119 4.6 74.6 112.0#
121 0.0 25.3 37.9#

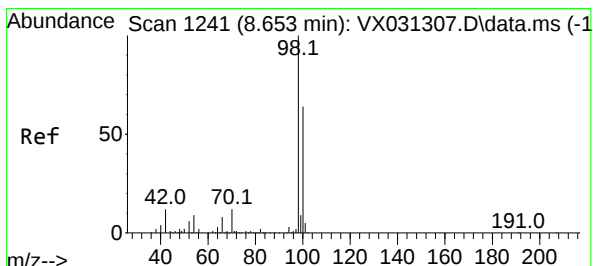
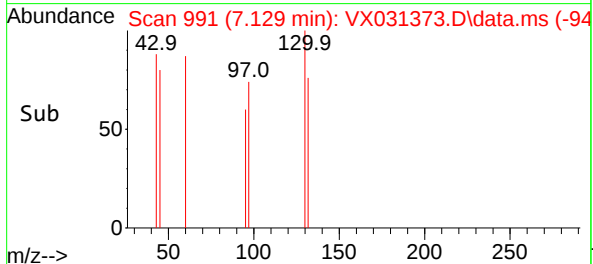
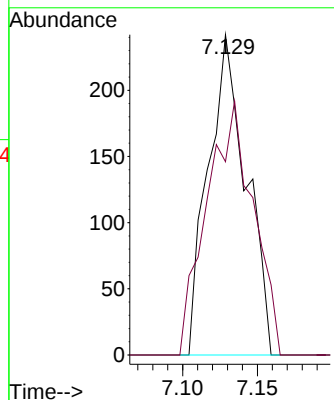
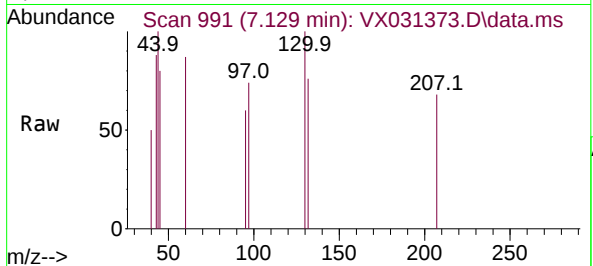




#44
Trichloroethene
Concen: 0.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

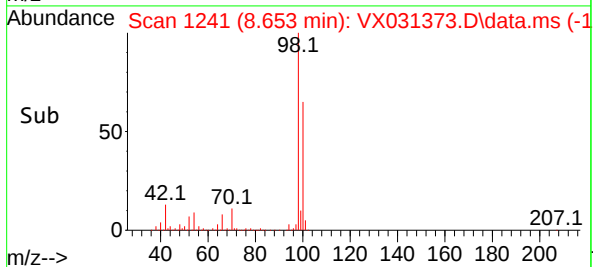
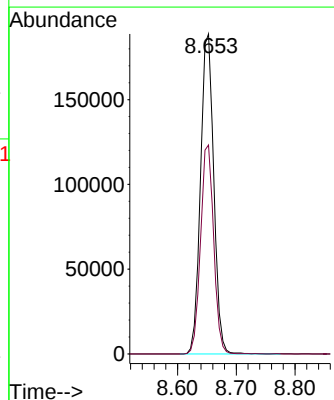
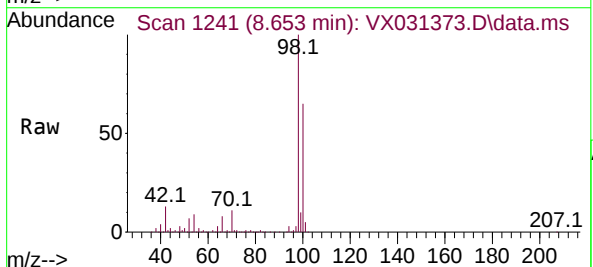
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

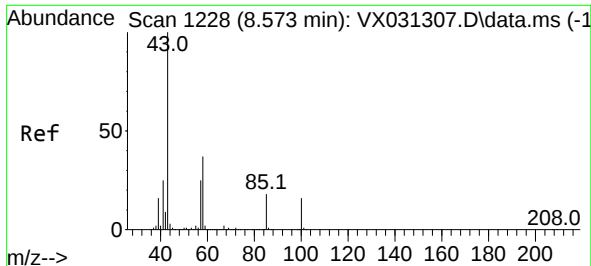
Tgt Ion:130 Resp: 428
Ion Ratio Lower Upper
130 100
95 60.3 0.0 206.8



#50
Toluene-d8
Concen: 47.898 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 98 Resp: 295768
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

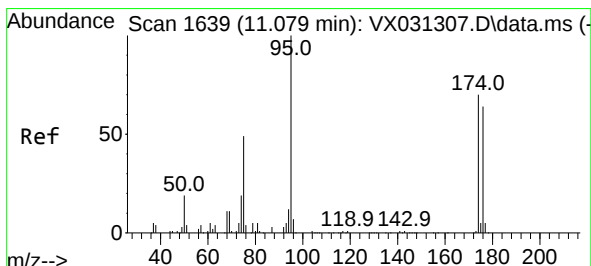
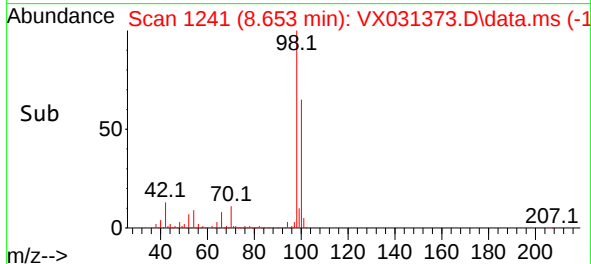
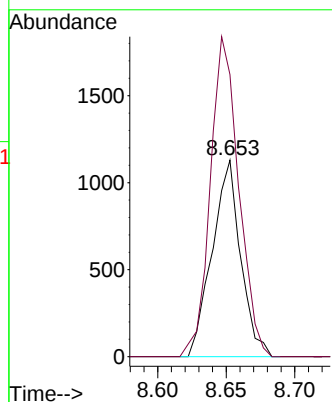
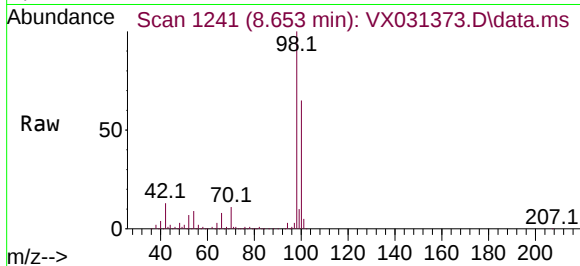




#51
 4-Methyl-2-Pentanone
 Concen: 0.531 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.079 min
 Lab File: VX031373.D
 Acq: 15 Sep 2022 22:50

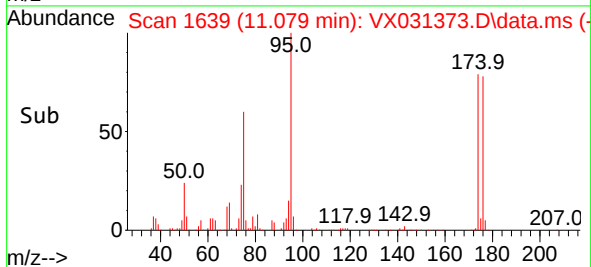
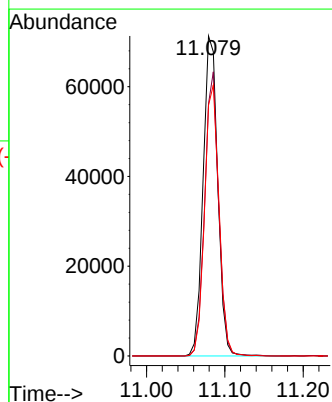
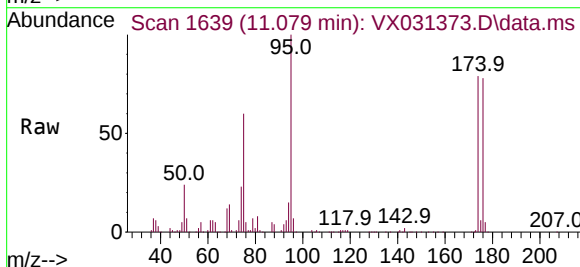
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-090222

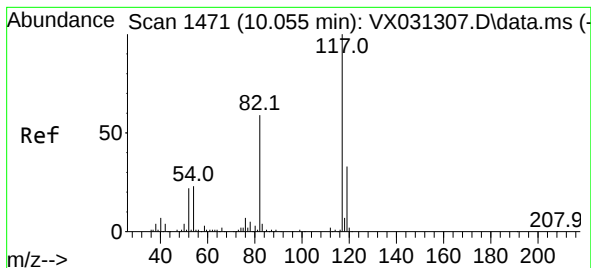
Tgt Ion: 43 Resp: 1631
 Ion Ratio Lower Upper
 43 100
 58 162.9 30.6 46.0#



#62
 4-Bromofluorobenzene
 Concen: 40.872 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX031373.D
 Acq: 15 Sep 2022 22:50

Tgt Ion: 95 Resp: 92421
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 153.2
 176 83.5 0.0 144.0

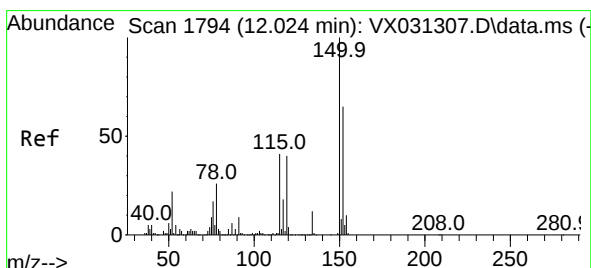
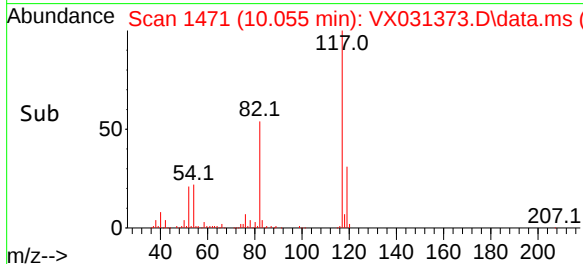
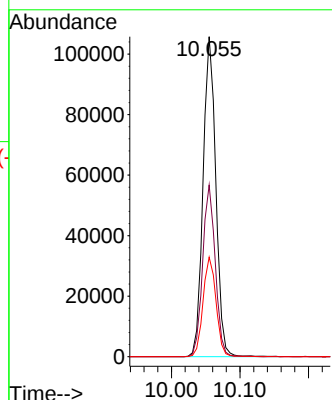
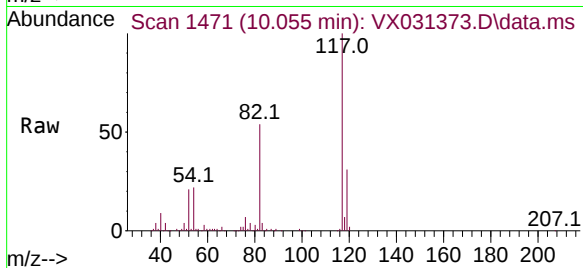




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

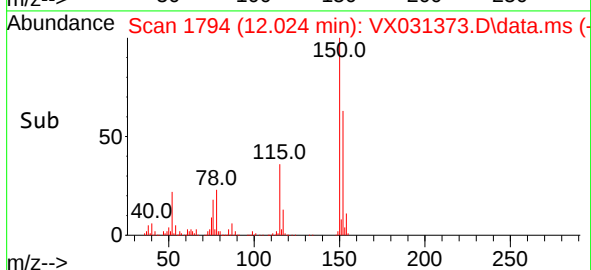
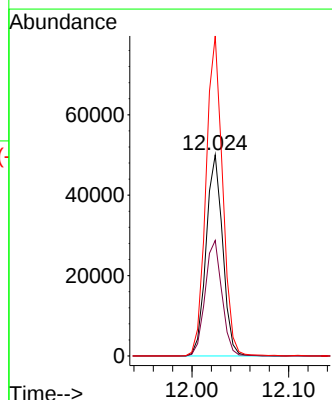
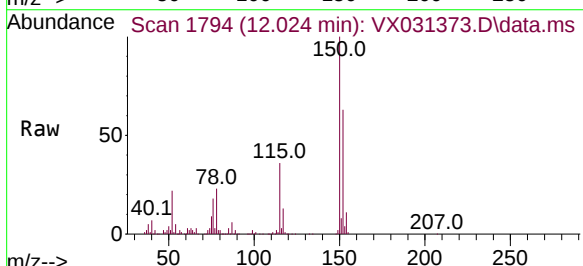
Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

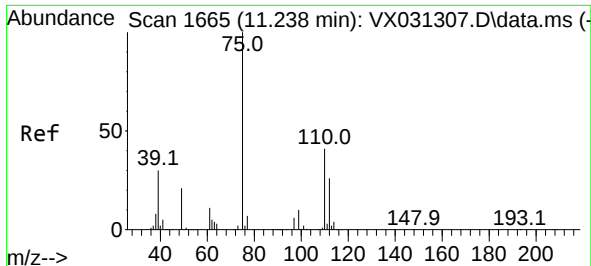
Tgt Ion:117 Resp: 136994
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 31.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion:152 Resp: 59797
Ion Ratio Lower Upper
152 100
115 58.2 43.4 130.1
150 159.3 0.0 346.8

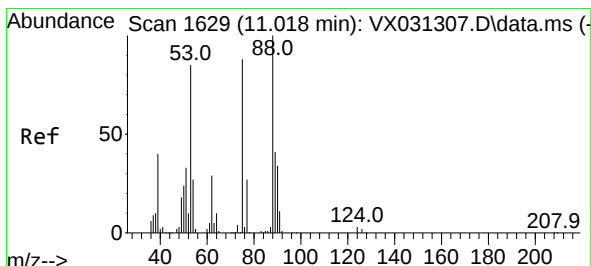
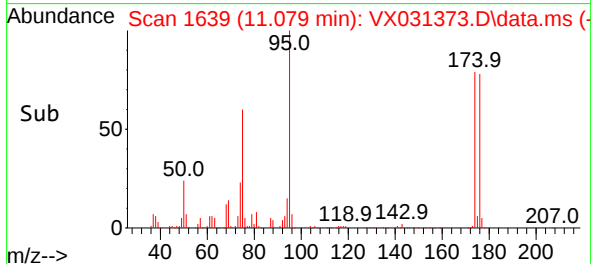
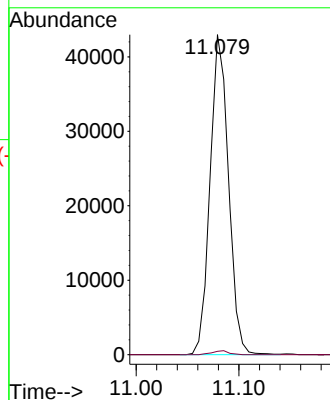
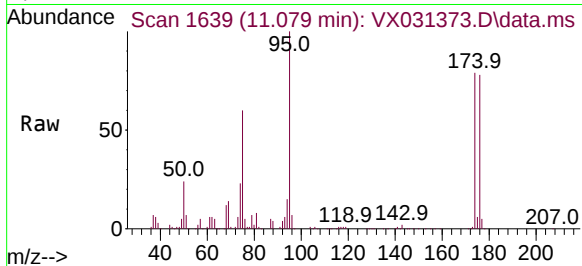




#76
1,2,3-Trichloropropane
Concen: 35.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Instrument :
MSVOA_X
ClientSampleId :
TB01-090222

Tgt Ion: 75 Resp: 53484
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031373.D
Acq: 15 Sep 2022 22:50

Tgt Ion: 75 Resp: 53484
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

