

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030954.D
 Acq On : 30 Aug 2022 21:18
 Operator : JC/MD
 Sample : N4297-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220820DL

Quant Time: Sep 06 01:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

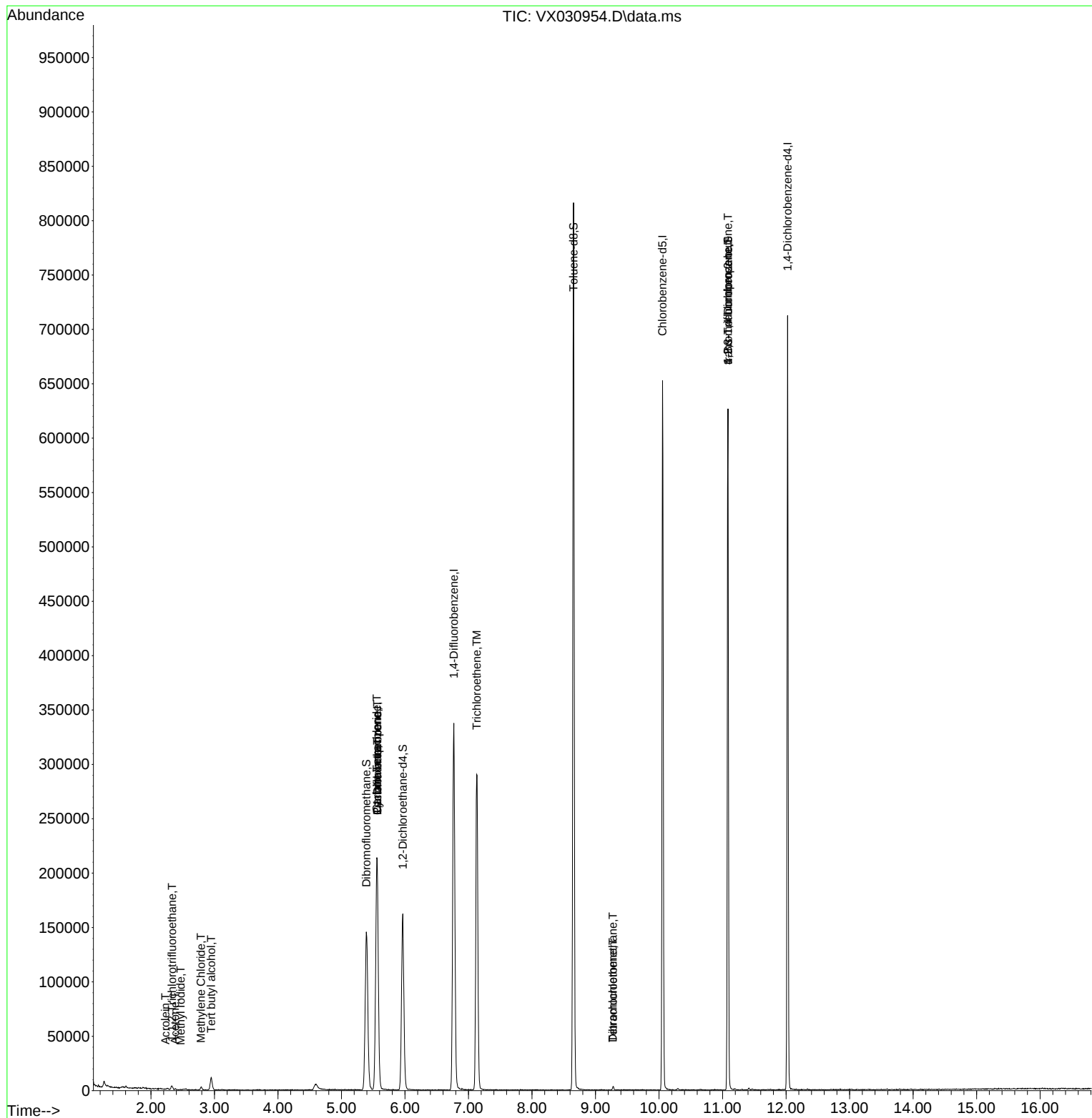
Internal Standards						
1) Pentafluorobenzene	5.562	168	206883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148203	49.945	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	5.391	113	133035	50.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.653	98	492498	50.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.800%		
62) 4-Bromofluorobenzene	11.085	95	172610	49.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.200%		
Target Compounds						
5) Bromomethane	1.605	94	481	Below Cal	#	52
9) 1,1,2-Trichlorotrifluo...	2.331	101	1483	0.582	ug/l	99
10) Methyl Iodide	2.465	142	205	4.455	ug/l #	81
11) Tert butyl alcohol	2.947	59	6872	9.775	ug/l #	74
13) Acrolein	2.227	56	54	7.421	ug/l #	14
16) Acetone	2.380	43	863	0.644	ug/l #	64
20) Methylene Chloride	2.788	84	1267	0.416	ug/l #	89
31) Cyclohexane	5.562	56	3682	0.838	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16493	4.205	ug/l #	48
38) Carbon Tetrachloride	5.556	117	21045	5.636	ug/l #	17
44) Trichloroethene	7.129	130	122702	36.847	ug/l	97
60) Dibromochloromethane	9.275	129	633	0.213	ug/l #	11
64) Tetrachloroethene	9.275	164	698	0.235	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	79482	22.283	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79482	66.249	ug/l #	13

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

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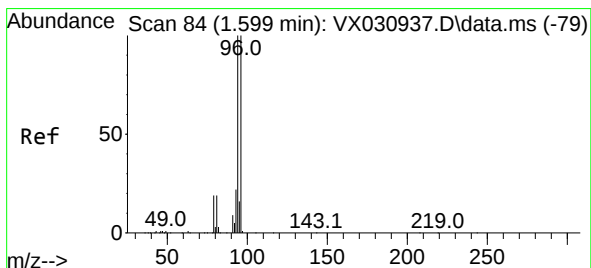
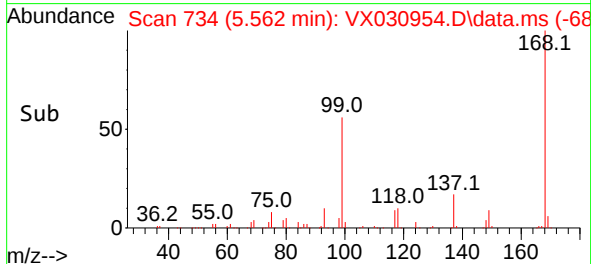
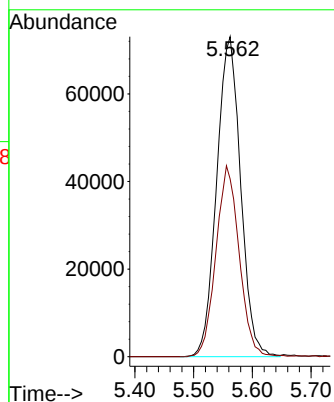
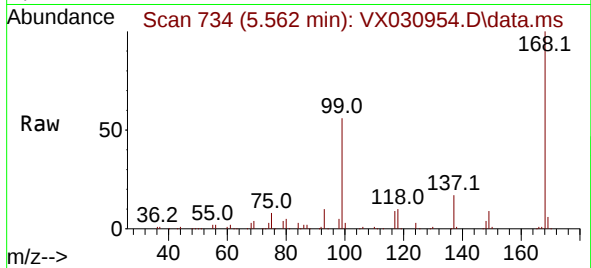




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

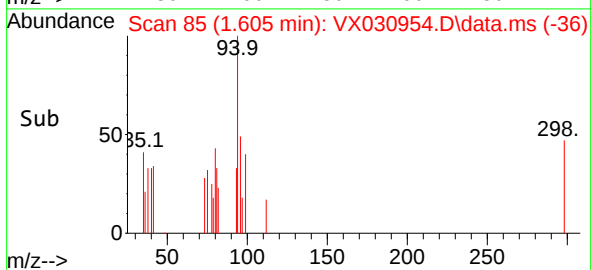
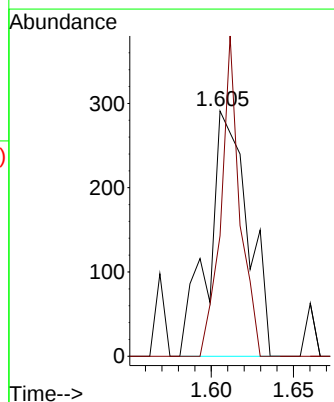
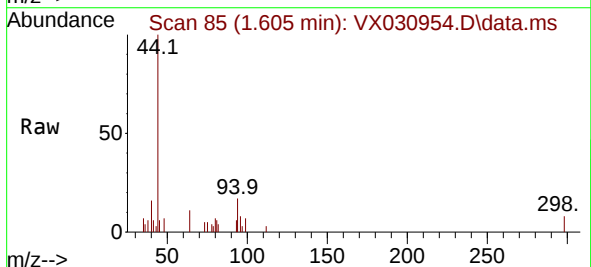
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220820DL

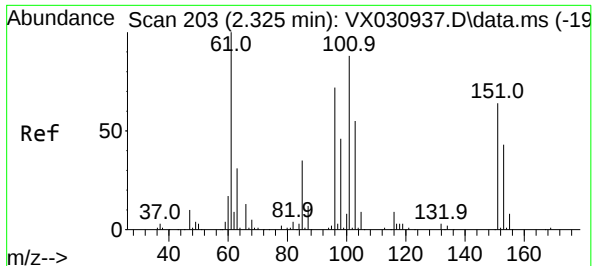
Tgt Ion:168 Resp: 206883
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 49.1 76.9 115.3#

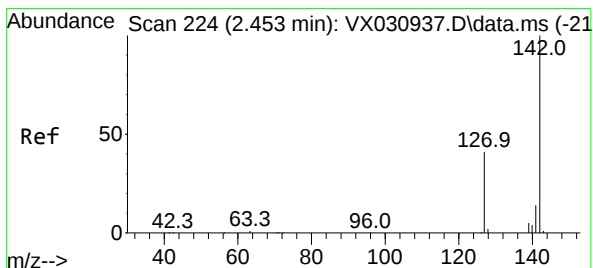
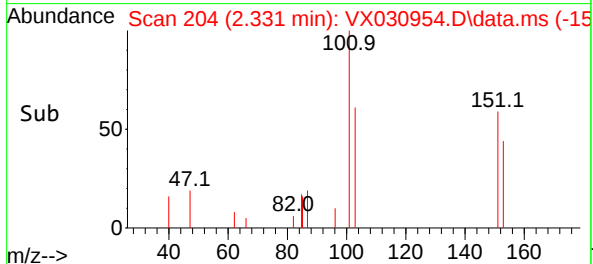
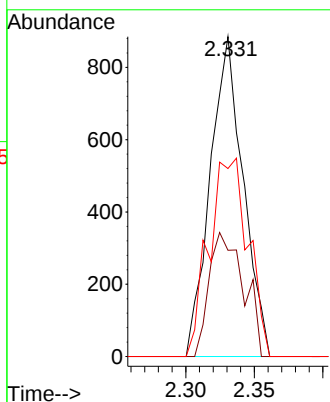
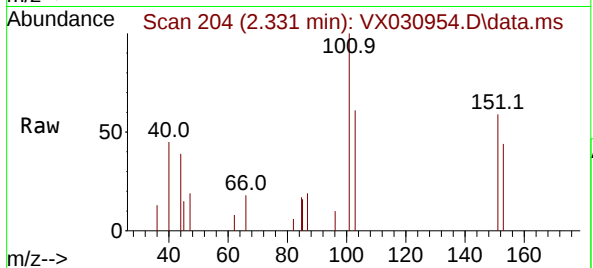




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.582 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

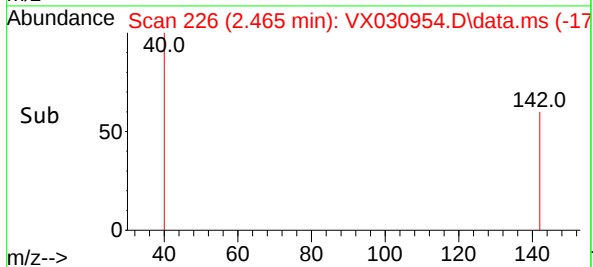
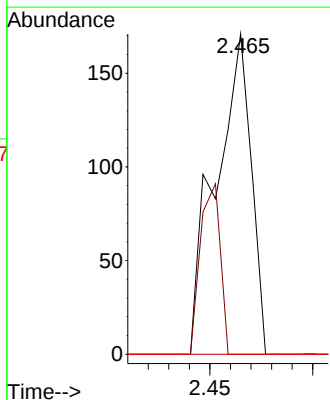
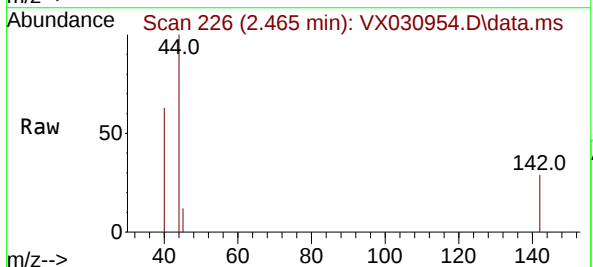
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220820DL

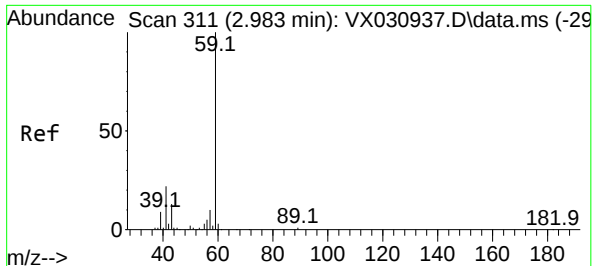
Tgt Ion:	101	Resp:	1483
Ion	Ratio	Lower	Upper
101	100		
85	40.4	34.0	51.0
151	73.8	59.4	89.0



#10
Methyl Iodide
Concen: 4.455 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion:	142	Resp:	205
Ion	Ratio	Lower	Upper
142	100		
127	29.8	30.2	45.2#
141	0.0	11.3	16.9#





#11

Tert butyl alcohol

Concen: 9.775 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX030954.D

Acq: 30 Aug 2022 21:18

Instrument :

MSVOA_X

ClientSampleId :

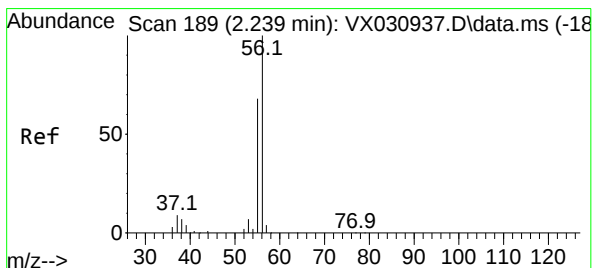
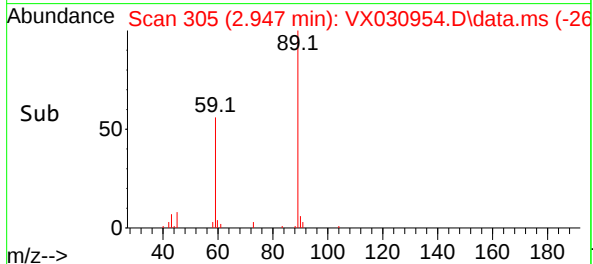
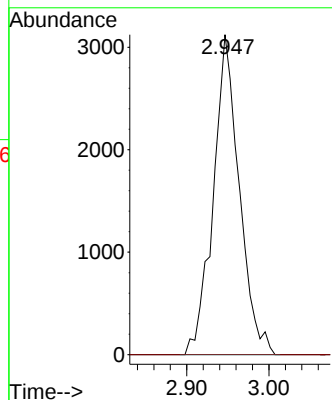
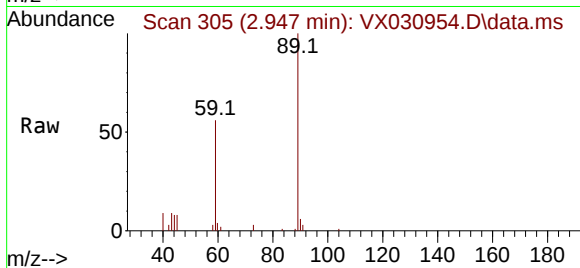
DUP03-20220820DL

Tgt Ion: 59 Resp: 6872

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 7.421 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX030954.D

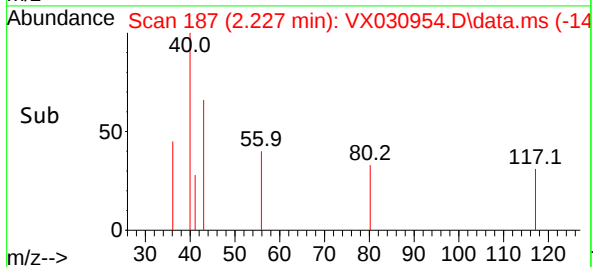
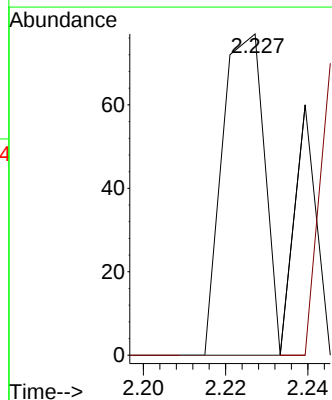
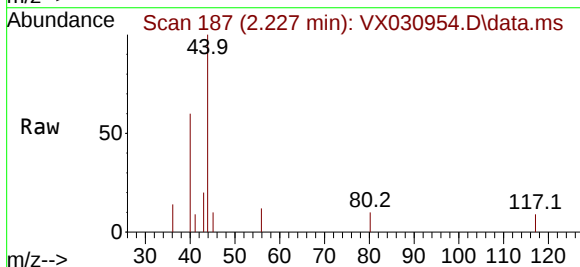
Acq: 30 Aug 2022 21:18

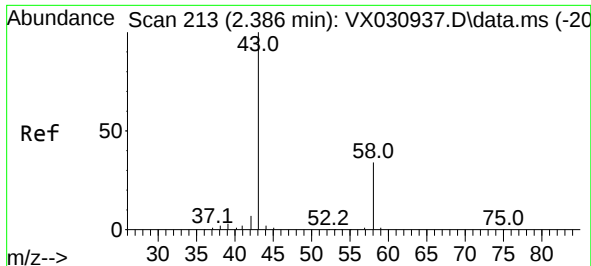
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

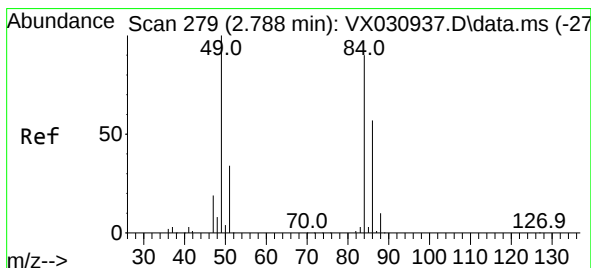
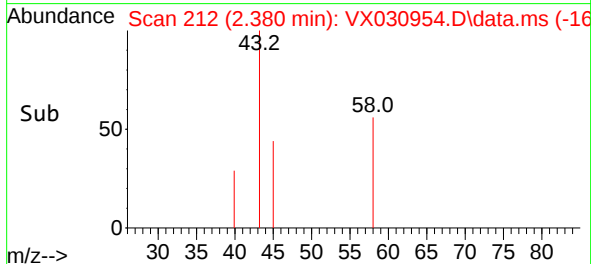
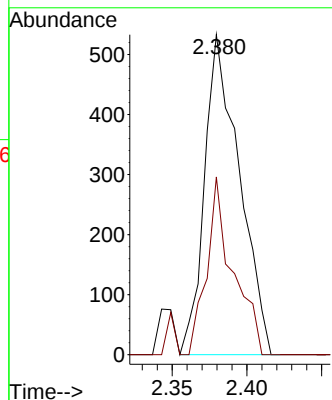
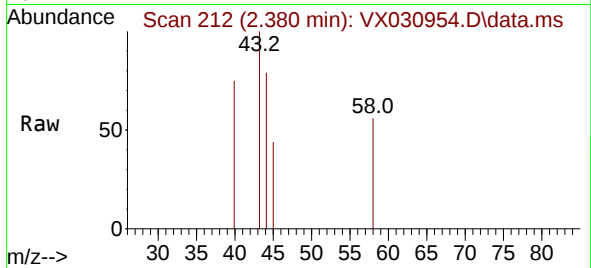




#16
Acetone
Concen: 0.644 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

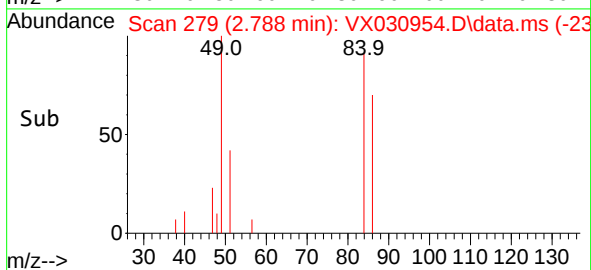
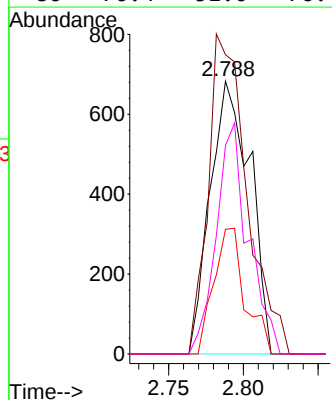
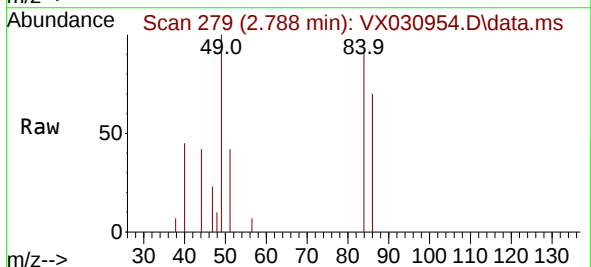
Instrument :
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ClientSampleId :
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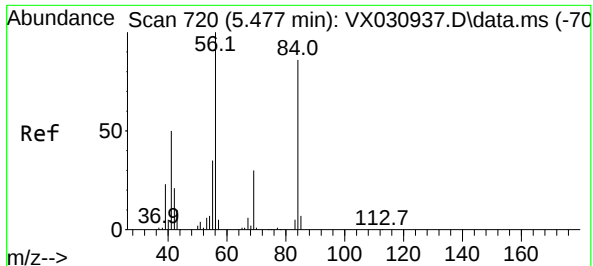
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 55.5 27.7 41.5#



#20
Methylene Chloride
Concen: 0.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 84 Resp: 1267
Ion Ratio Lower Upper
84 100
49 109.7 93.8 140.6
51 45.7 29.4 44.0#
86 76.4 51.0 76.4

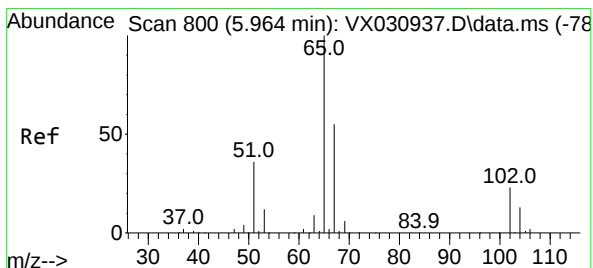
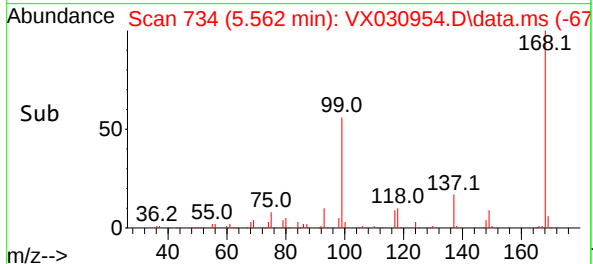
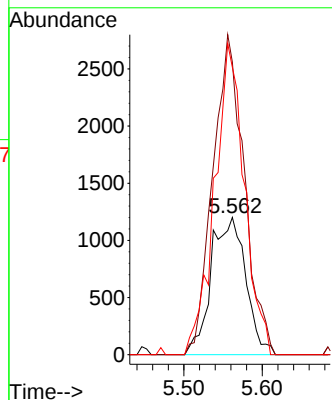
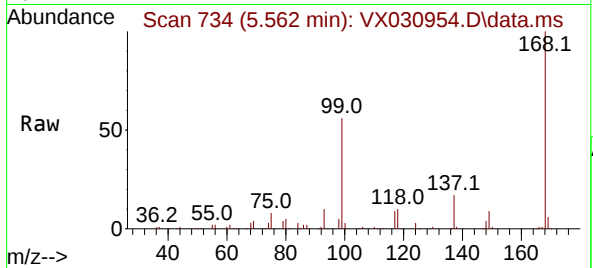




#31
Cyclohexane
Concen: 0.838 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

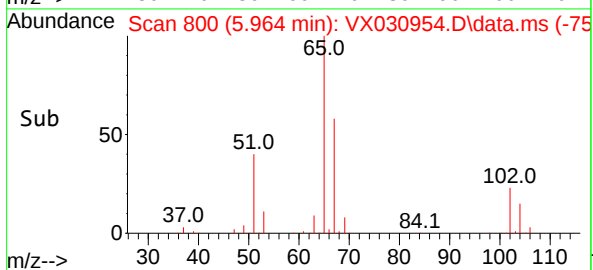
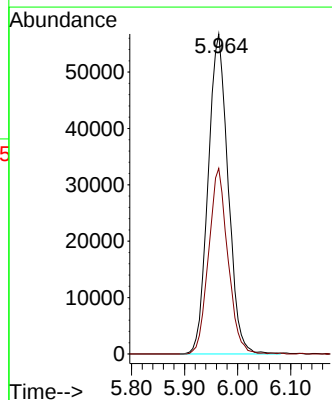
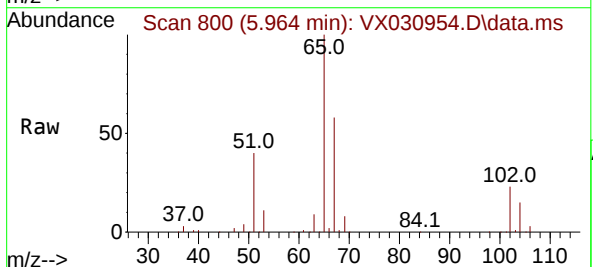
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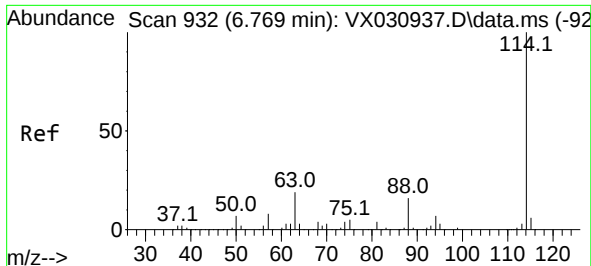
Tgt Ion: 56 Resp: 3682
Ion Ratio Lower Upper
56 100
69 213.2 25.4 38.0#
84 209.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.945 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 65 Resp: 148203
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

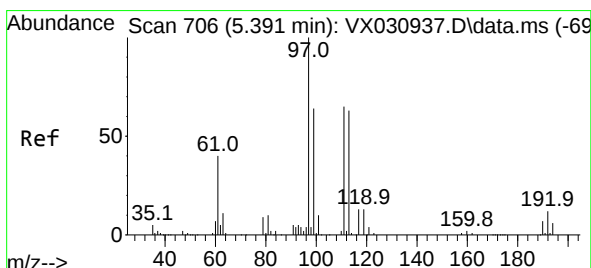
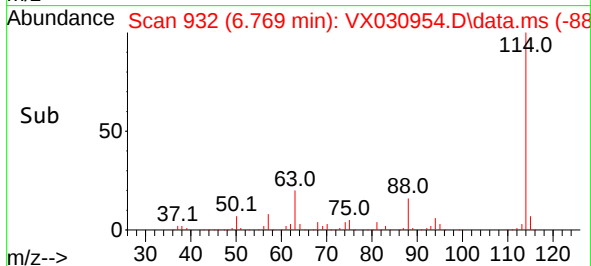
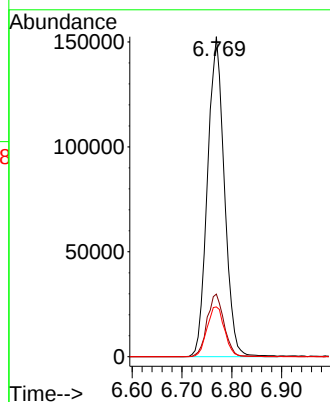
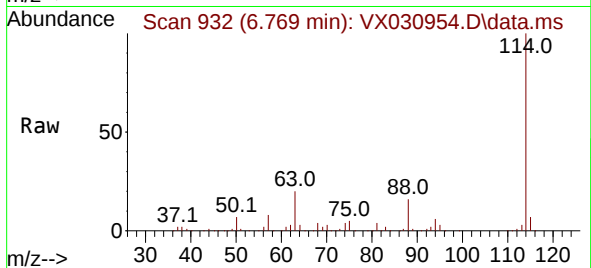




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX030954.D
 Acq: 30 Aug 2022 21:18

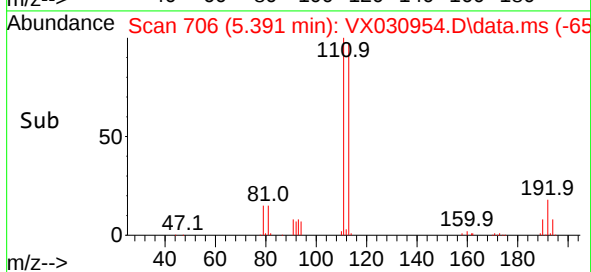
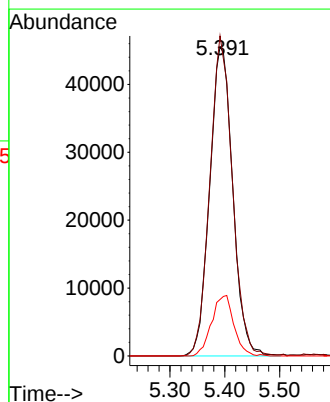
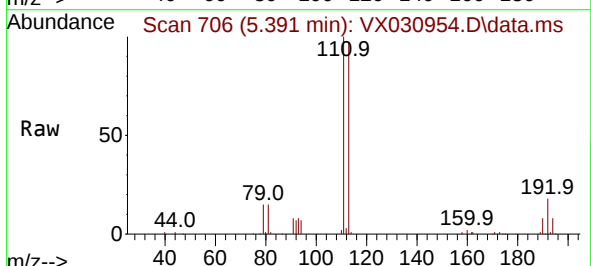
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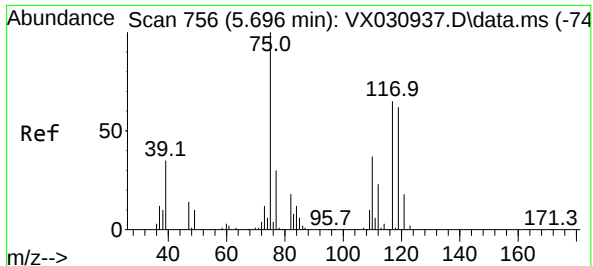
Tgt Ion:114 Resp: 357961
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.6 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.417 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX030954.D
 Acq: 30 Aug 2022 21:18

Tgt Ion:113 Resp: 133035
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.2 124.8
 192 18.8 14.8 22.2

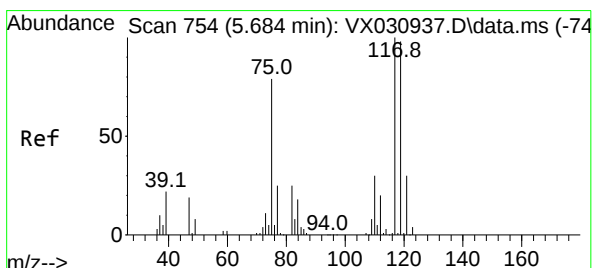
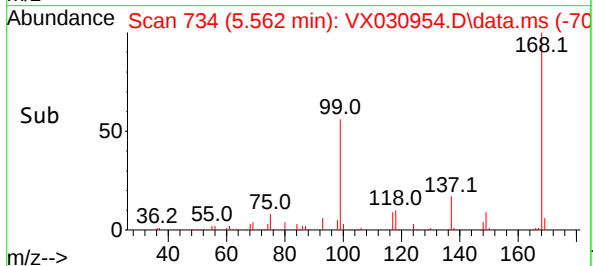
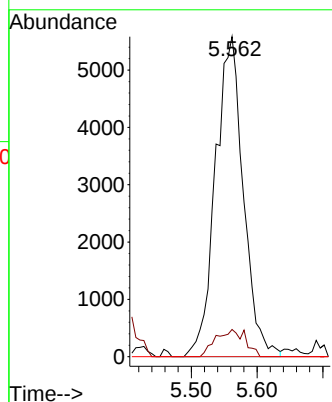
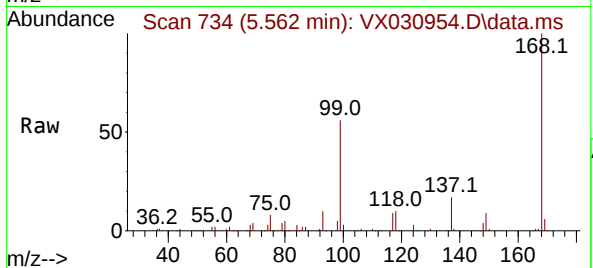




#36
1,1-Dichloropropene
Concen: 4.205 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

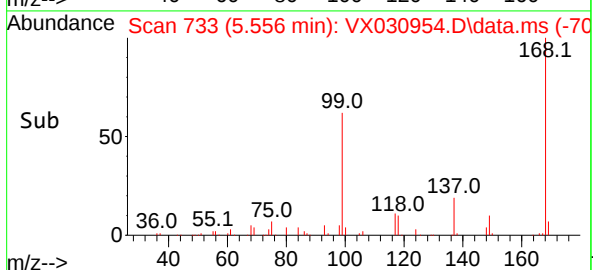
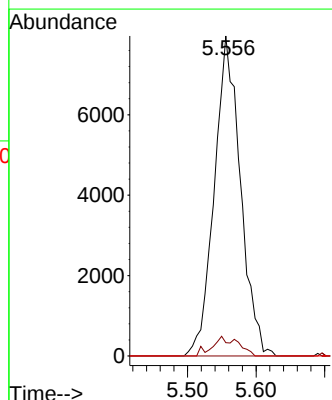
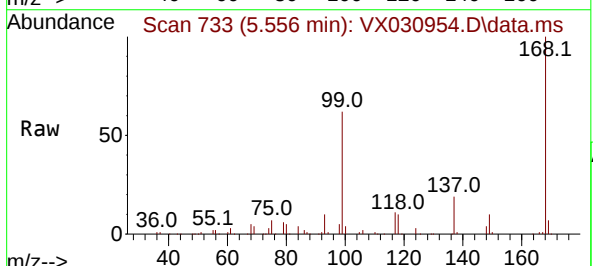
Instrument :
MSVOA_X
ClientSampleId :
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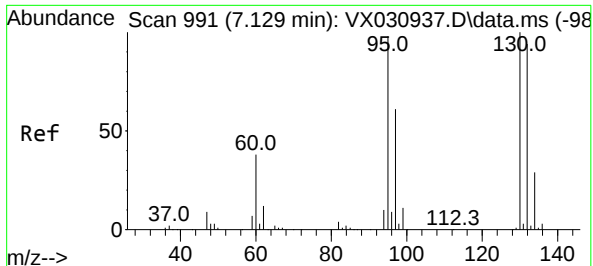
Tgt Ion: 75 Resp: 16493
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 117 Resp: 21045
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#

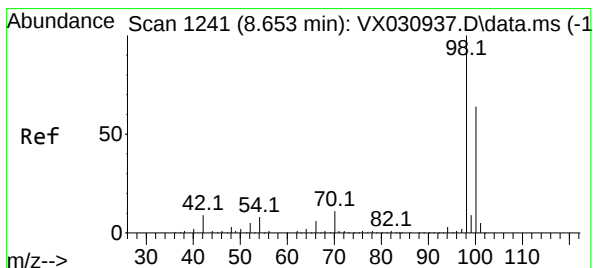
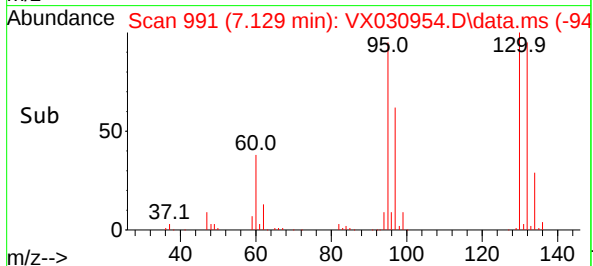
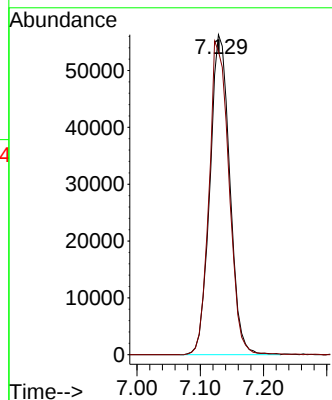
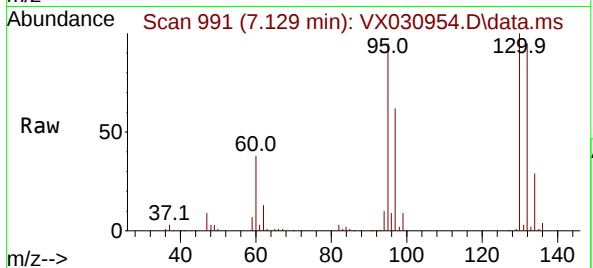




#44
Trichloroethene
Concen: 36.847 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

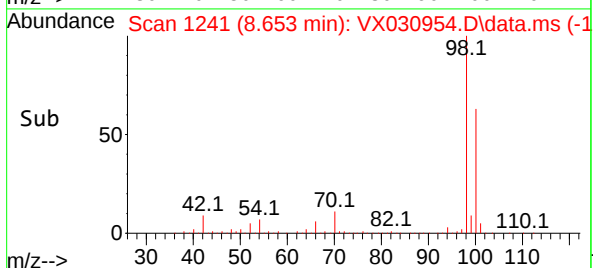
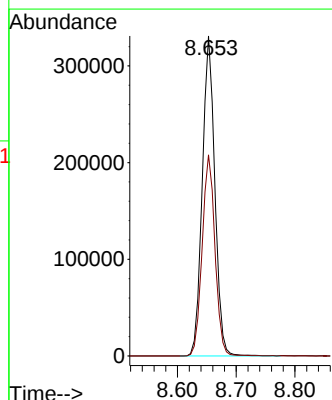
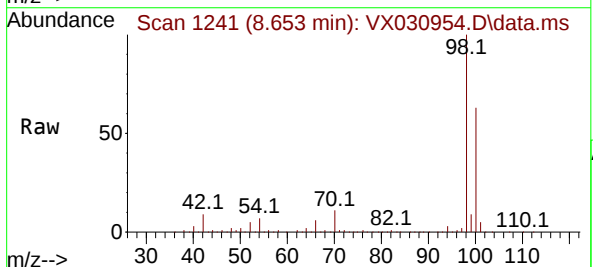
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220820DL

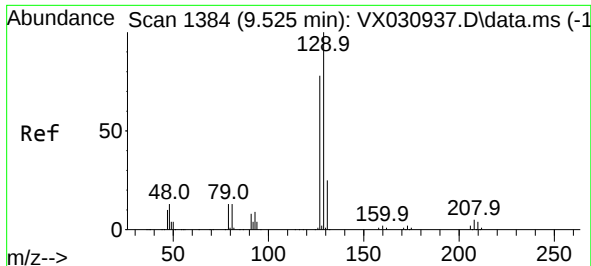
Tgt Ion:130 Resp: 122702
Ion Ratio Lower Upper
130 100
95 94.8 0.0 194.8



#50
Toluene-d8
Concen: 50.399 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 98 Resp: 492498
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

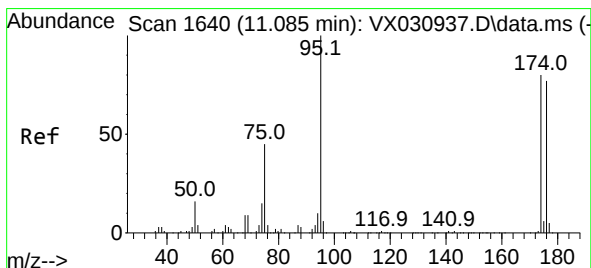
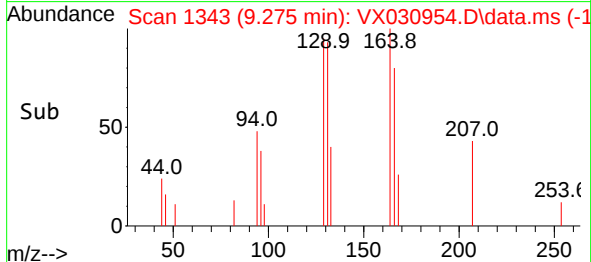
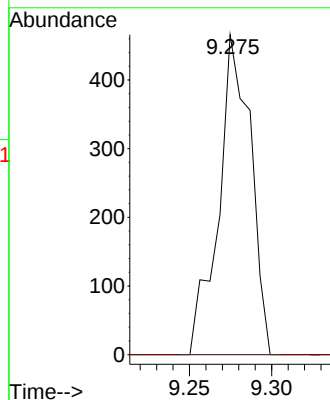
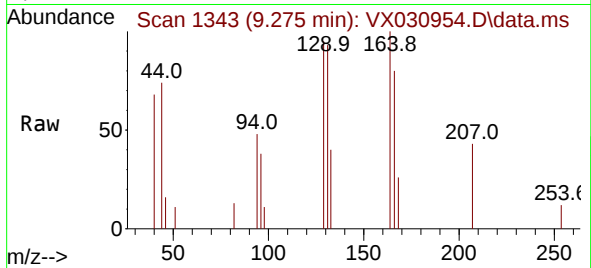




#60
Dibromochloromethane
Concen: 0.213 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

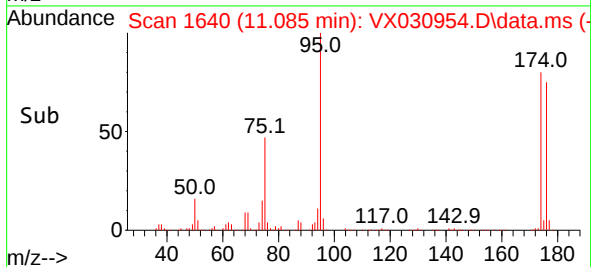
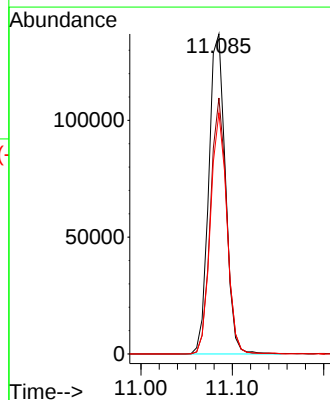
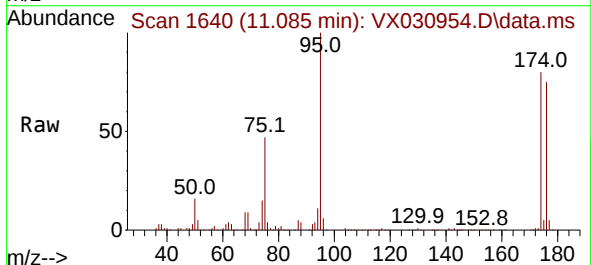
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220820DL

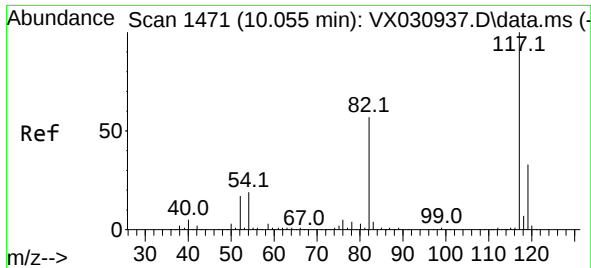
Tgt Ion:129 Resp: 633
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion: 95 Resp: 172610
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.0
176 74.3 0.0 146.0

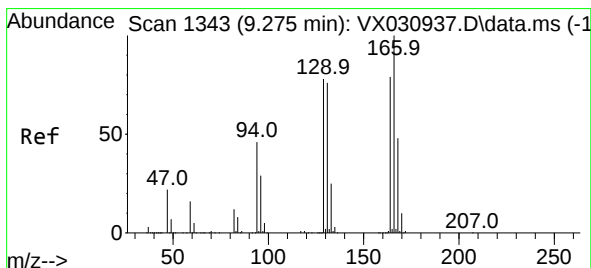
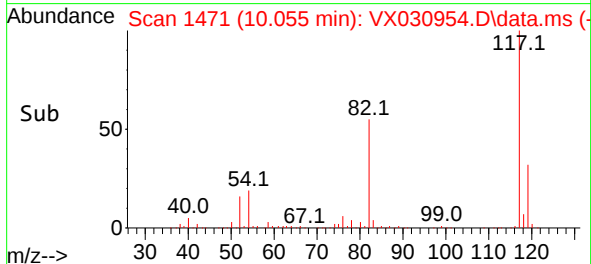
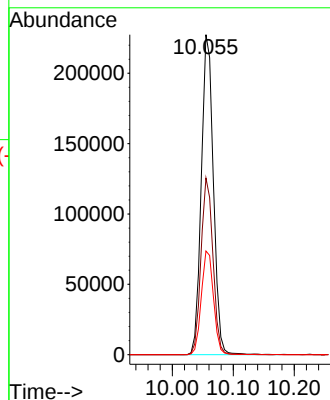
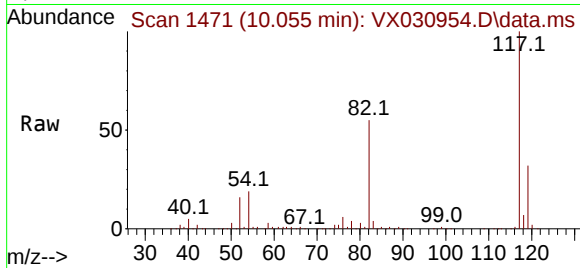




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

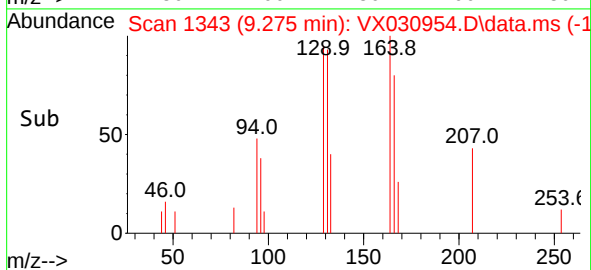
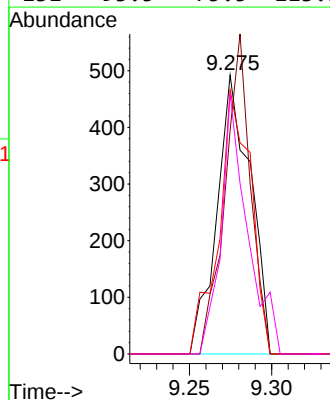
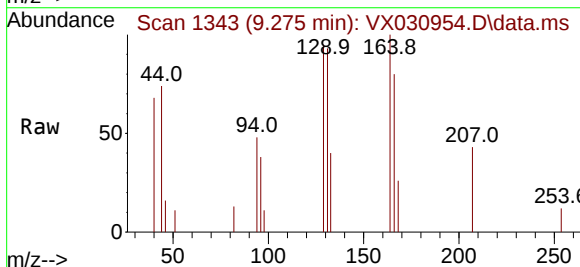
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220820DL

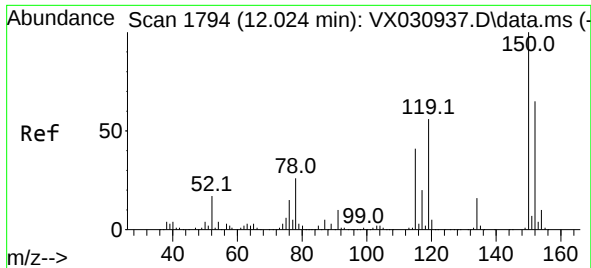
Tgt Ion:117 Resp: 313805
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 0.235 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030954.D
Acq: 30 Aug 2022 21:18

Tgt Ion:164 Resp: 698
Ion Ratio Lower Upper
164 100
166 80.3 98.2 147.4#
129 94.7 80.8 121.2
131 93.5 75.5 113.3

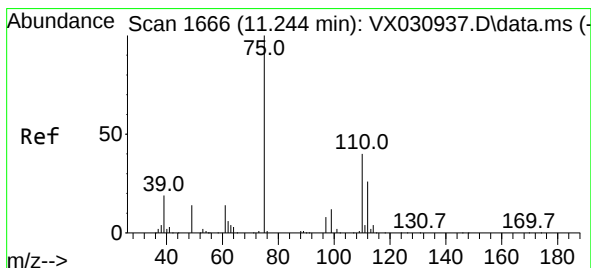
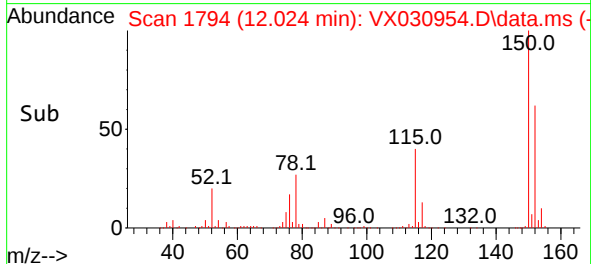
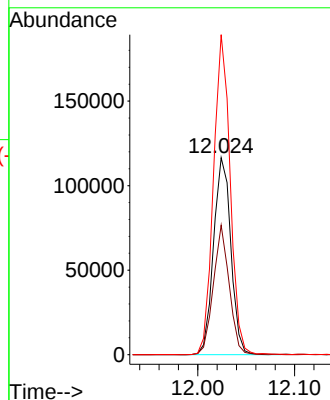
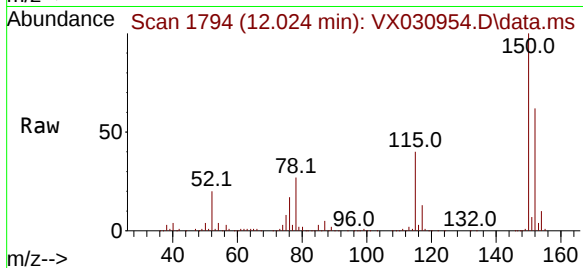




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030954.D
 Acq: 30 Aug 2022 21:18

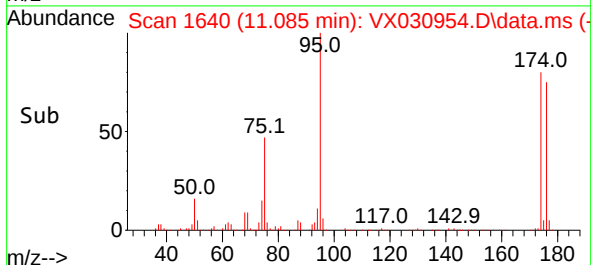
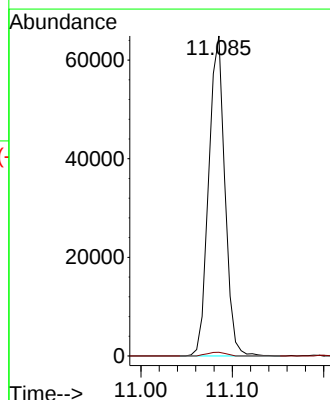
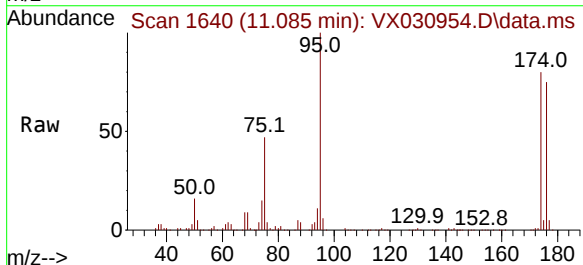
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220820DL

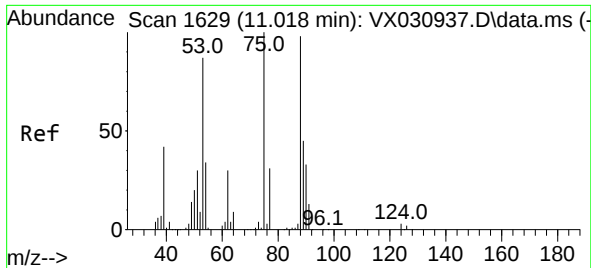
Tgt Ion:152 Resp: 144889
 Ion Ratio Lower Upper
 152 100
 115 60.2 40.5 121.5
 150 156.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.283 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030954.D
 Acq: 30 Aug 2022 21:18

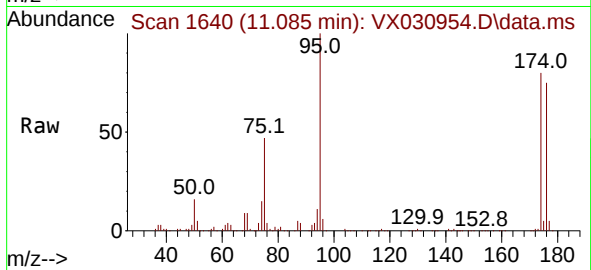
Tgt Ion: 75 Resp: 79482
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.249 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX030954.D
 Acq: 30 Aug 2022 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220820DL



Tgt Ion: 75 Resp: 79482
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.2 34.8 52.2#

