

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037317.D
 Acq On : 29 Aug 2023 03:57
 Operator : JC/MD
 Sample : 04126-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230821DL

Quant Time: Aug 29 05:33:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92982	41.710	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.420%
35) Dibromofluoromethane	5.385	113	76435	45.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	294211	48.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	106472	44.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

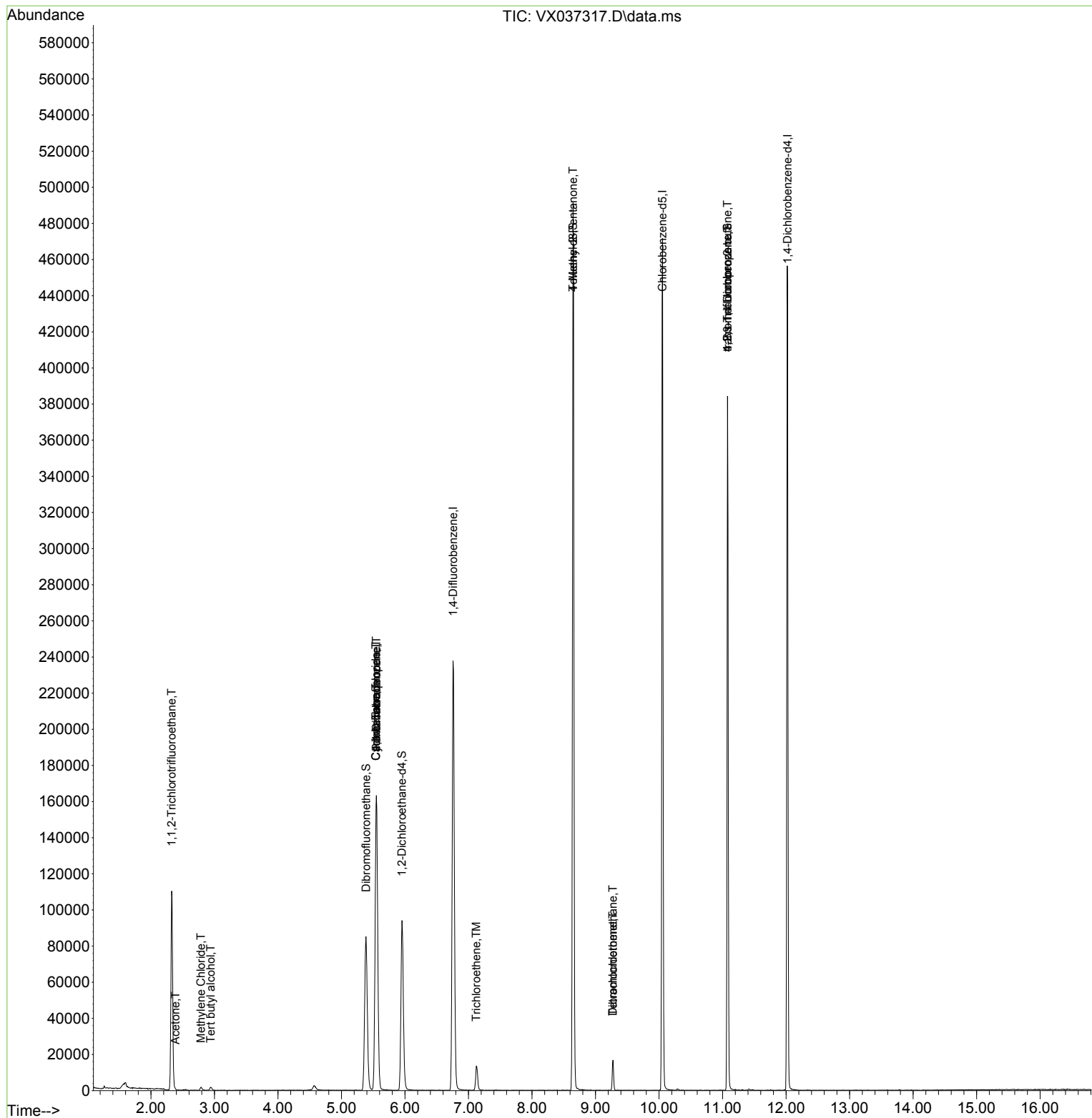
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	44918	27.480	ug/l	97
11) Tert butyl alcohol	2.941	59	1166	2.230	ug/l #	78
16) Acetone	2.386	43	476	0.546	ug/l #	68
20) Methylene Chloride	2.788	84	1037	0.532	ug/l #	95
31) Cyclohexane	5.544	56	2937	1.172	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11900	4.981	ug/l #	52
38) Carbon Tetrachloride	5.544	117	16168	6.231	ug/l #	15
44) Trichloroethene	7.123	130	5628	2.897	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1036	0.440	ug/l #	1
60) Dibromochloromethane	9.275	129	3199	1.630	ug/l #	11
64) Tetrachloroethene	9.275	164	3278	2.029	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	53203	25.543	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53203	71.344	ug/l #	5

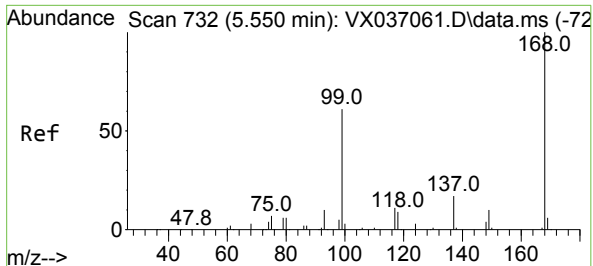
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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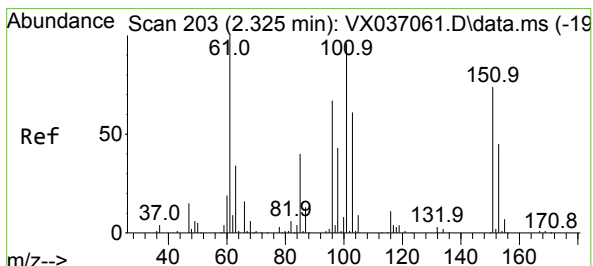
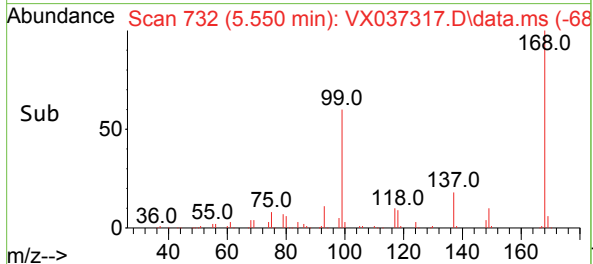
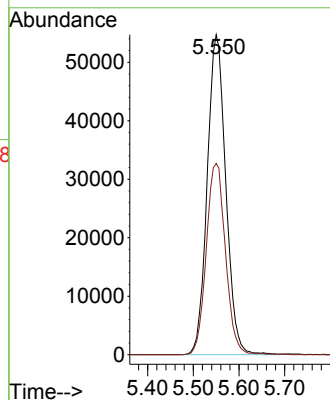
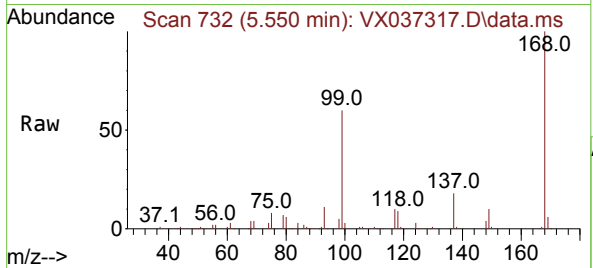




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

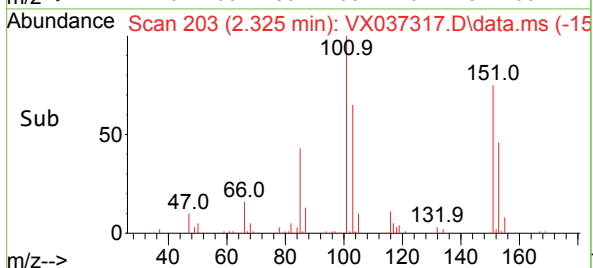
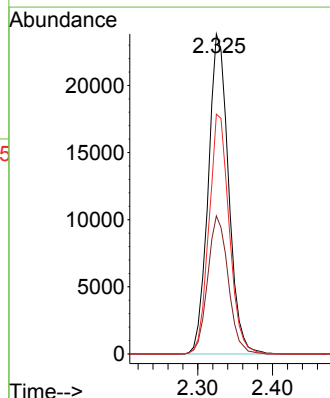
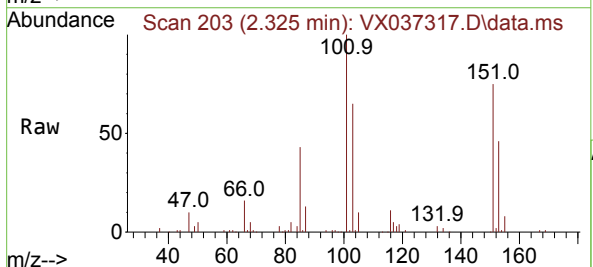
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230821DL

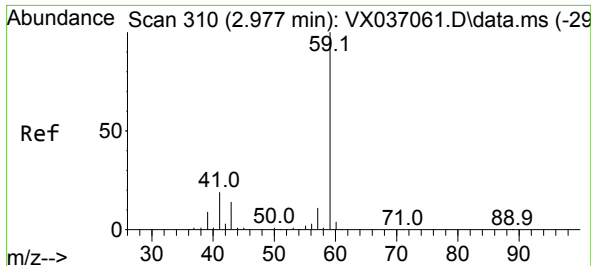
Tgt Ion:168 Resp: 154630
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.480 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

Tgt Ion:101 Resp: 44918
Ion Ratio Lower Upper
101 100
85 43.7 37.0 55.6
151 74.7 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.230 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX037317.D

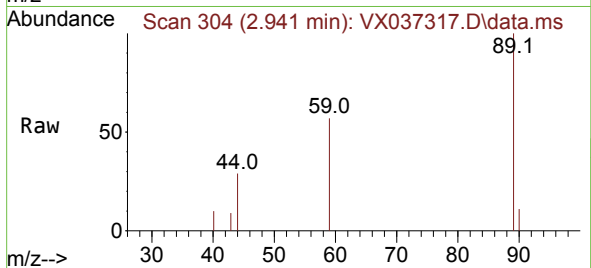
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Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230821DL

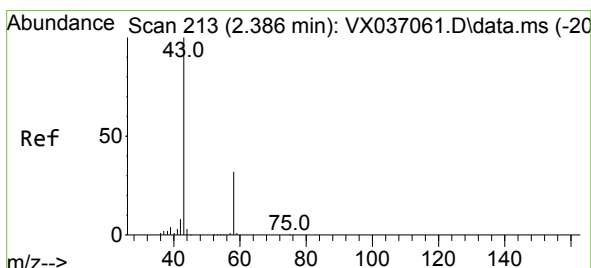
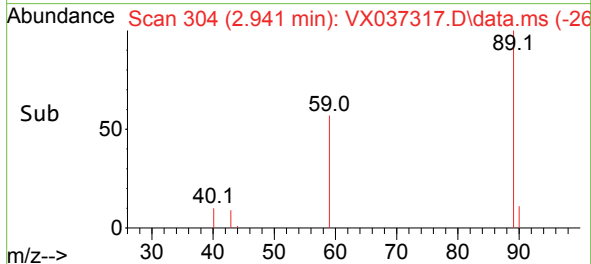
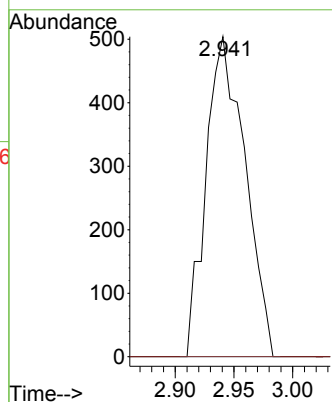


Tgt Ion: 59 Resp: 1166

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.546 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037317.D

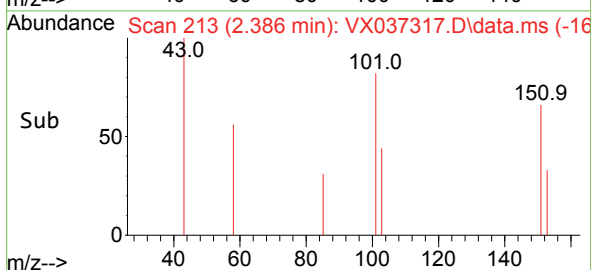
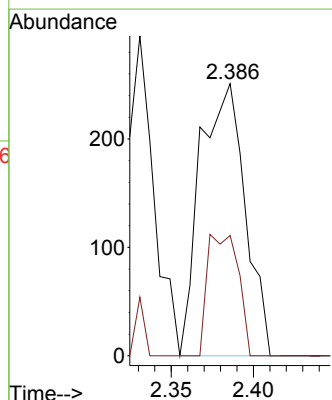
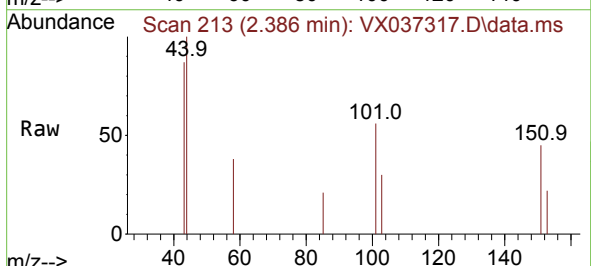
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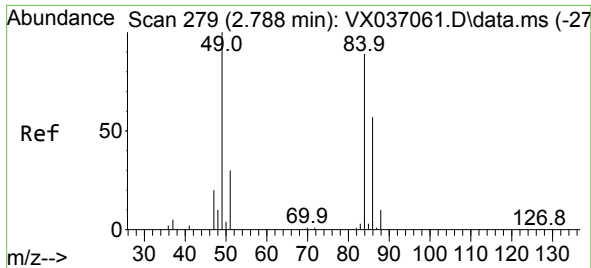
Tgt Ion: 43 Resp: 476

Ion Ratio Lower Upper

43 100

58 44.2 21.9 32.9#

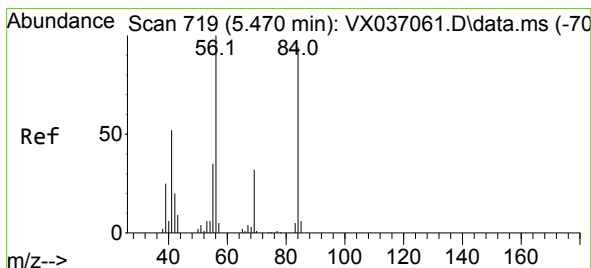
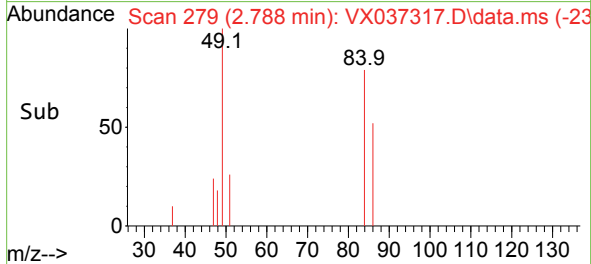
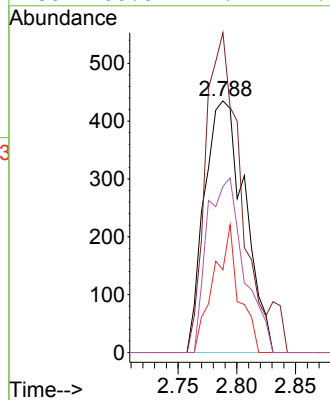
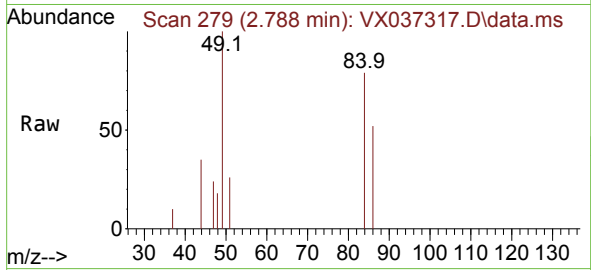




#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

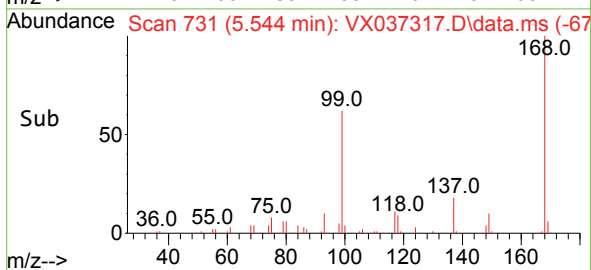
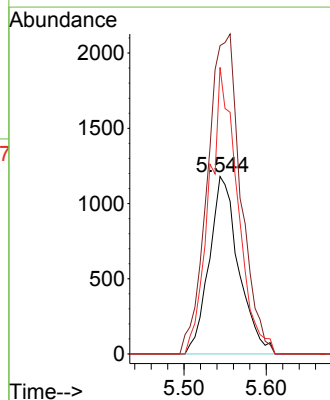
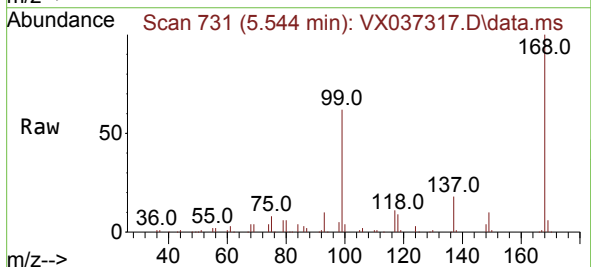
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230821DL

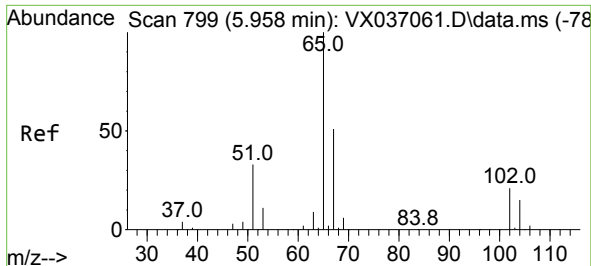
Tgt Ion:	84	Resp:	1037
Ion	Ratio	Lower	Upper
84	100		
49	127.1	103.6	155.4
51	32.9	33.8	50.6#
86	66.0	49.4	74.0



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

Tgt Ion:	56	Resp:	2937
Ion	Ratio	Lower	Upper
56	100		
69	173.8	23.4	35.2#
84	161.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.710 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037317.D

Acq: 29 Aug 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

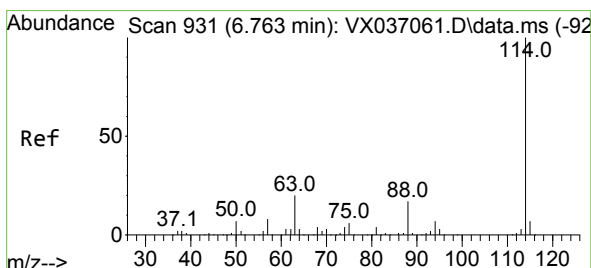
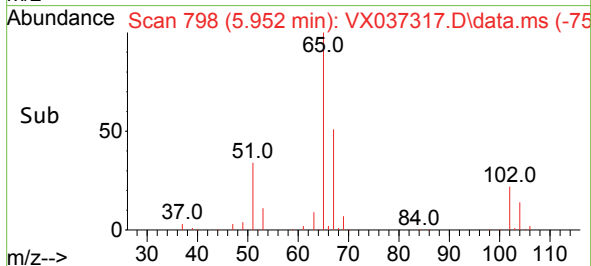
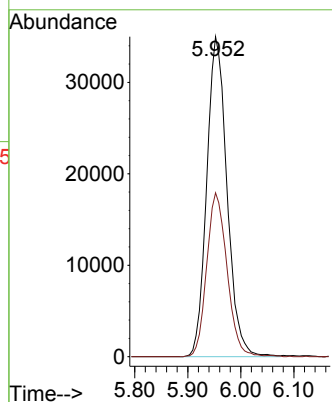
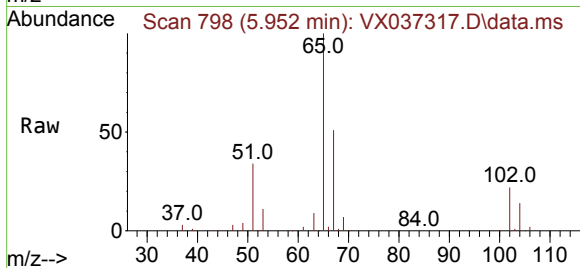
RE131D3-20230821DL

Tgt Ion: 65 Resp: 92982

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037317.D

Acq: 29 Aug 2023 03:57

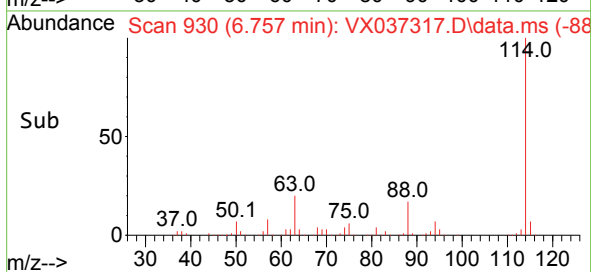
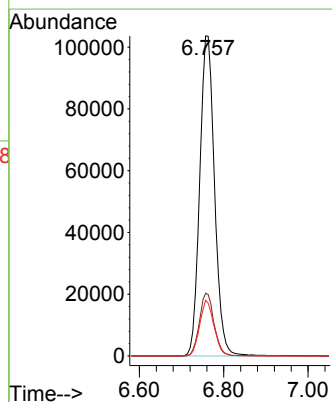
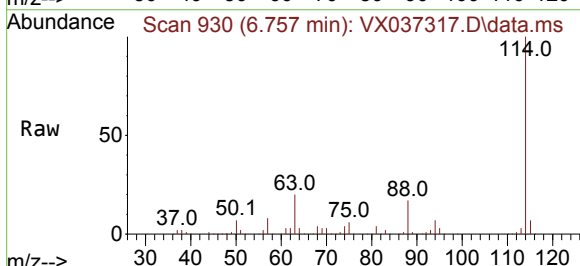
Tgt Ion: 114 Resp: 253886

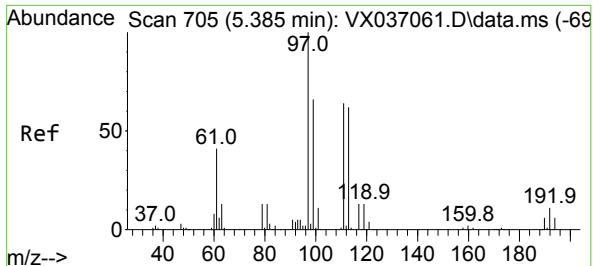
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 17.4 0.0 36.6

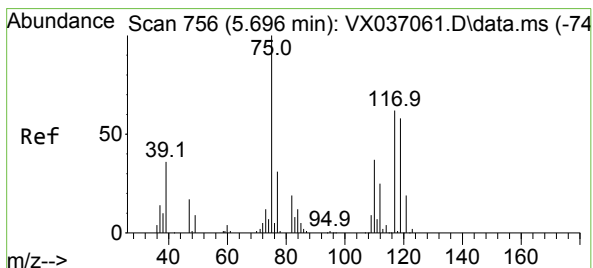
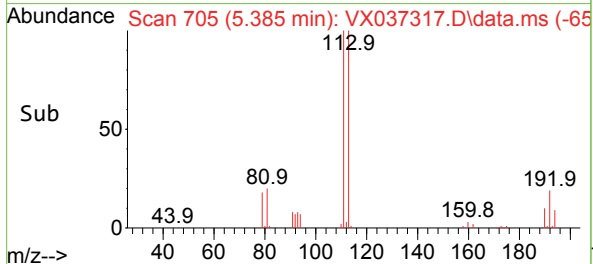
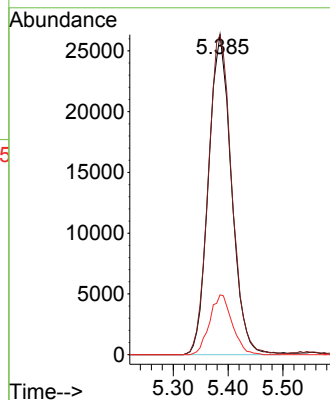
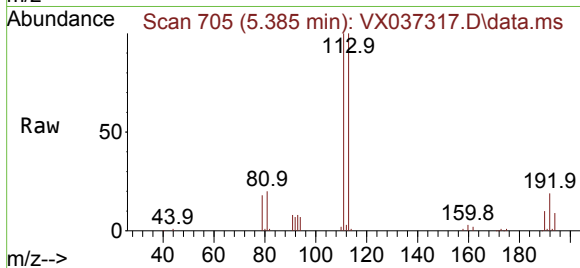




#35
 Dibromofluoromethane
 Concen: 45.458 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037317.D
 Acq: 29 Aug 2023 03:57

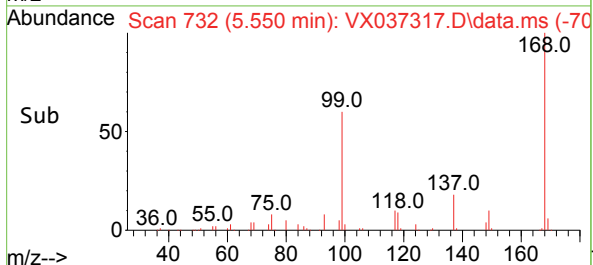
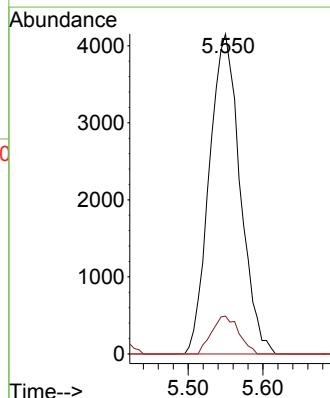
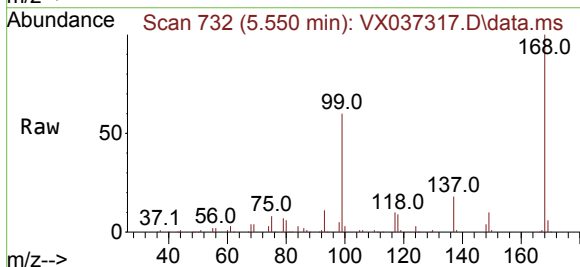
Instrument :
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 RE131D3-20230821DL

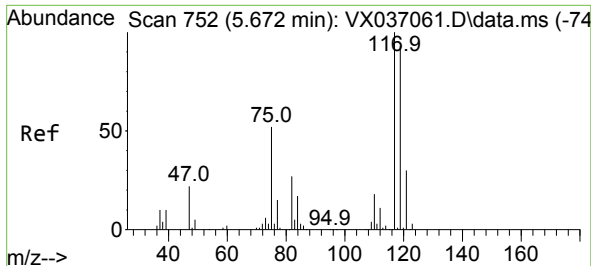
Tgt Ion:	113	Resp:	76435
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.4	13.3	19.9



#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX037317.D
 Acq: 29 Aug 2023 03:57

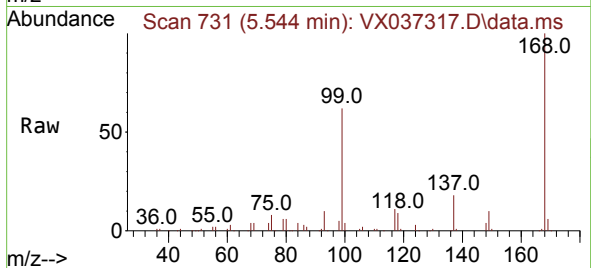
Tgt Ion:	75	Resp:	11900
Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.0	50.9#
77	0.0	24.7	37.1#



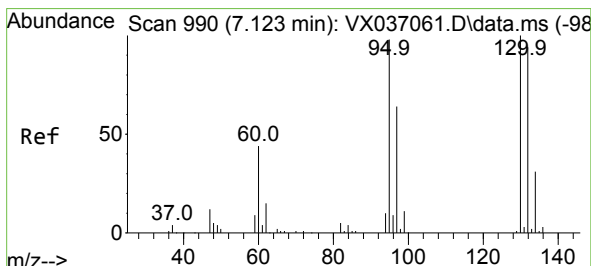
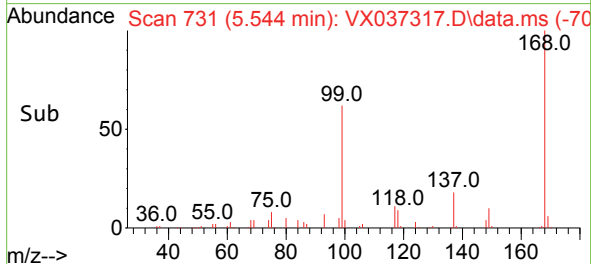
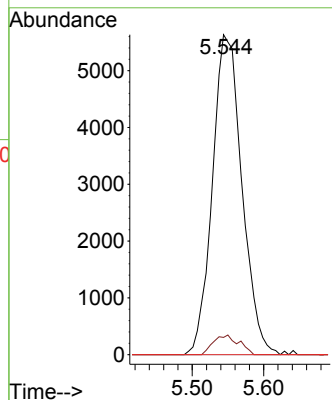


#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230821DL

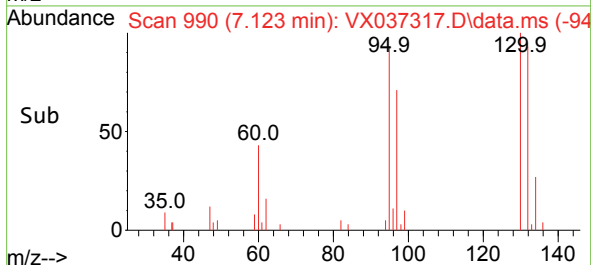
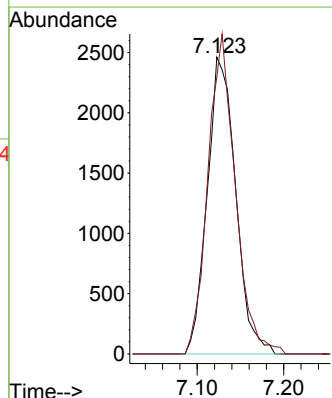
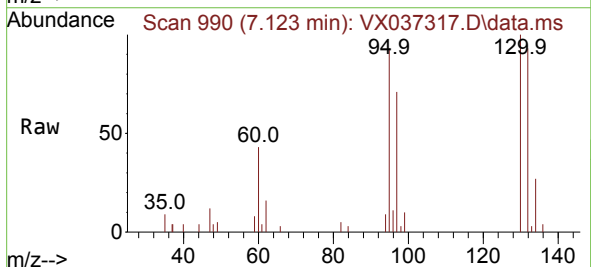


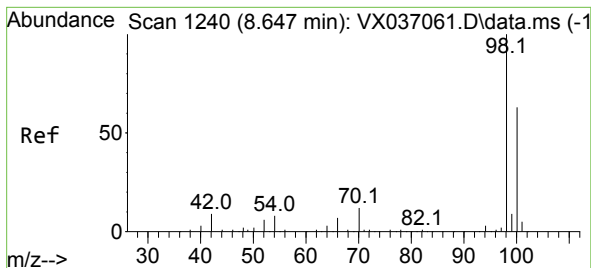
Tgt Ion:117 Resp: 16168
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.897 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

Tgt Ion:130 Resp: 5628
Ion Ratio Lower Upper
130 100
95 93.4 0.0 204.4





#50

Toluene-d8

Concen: 48.238 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037317.D

Acq: 29 Aug 2023 03:57

Instrument :

MSVOA_X

ClientSampleId :

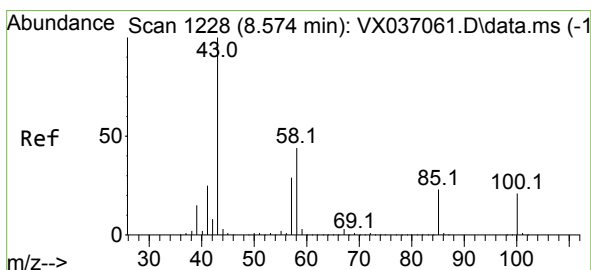
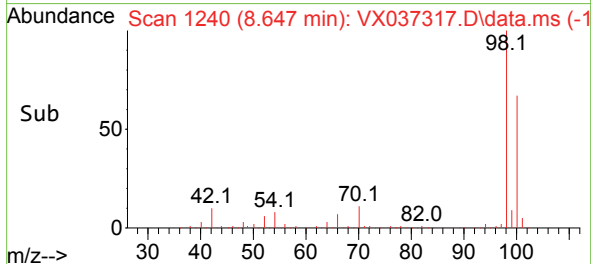
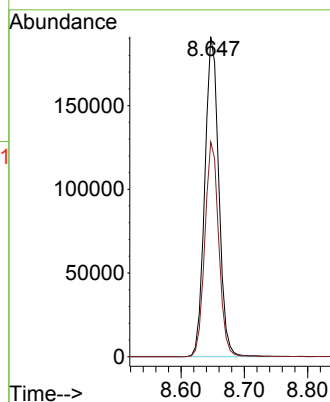
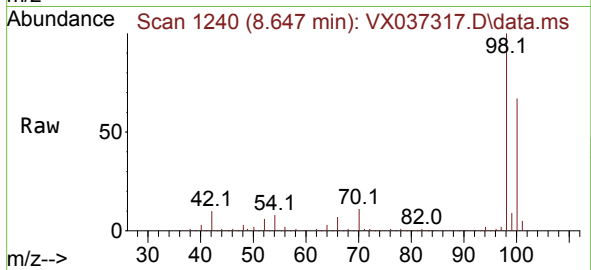
RE131D3-20230821DL

Tgt Ion: 98 Resp: 294211

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037317.D

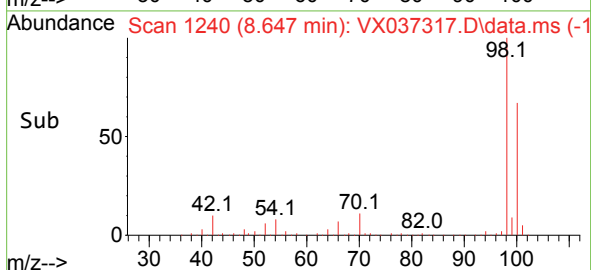
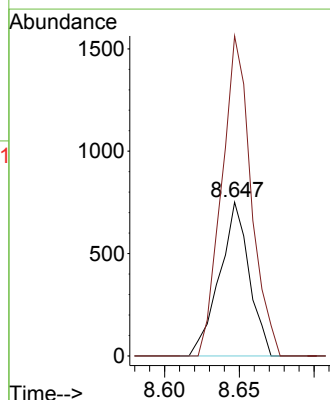
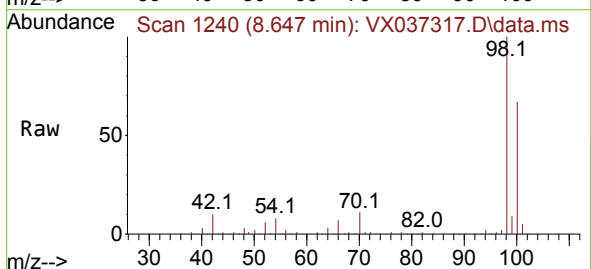
Acq: 29 Aug 2023 03:57

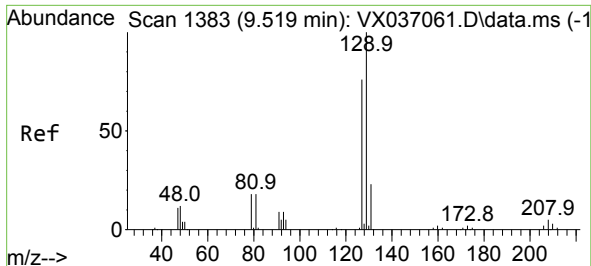
Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

58 205.7 30.4 45.6#

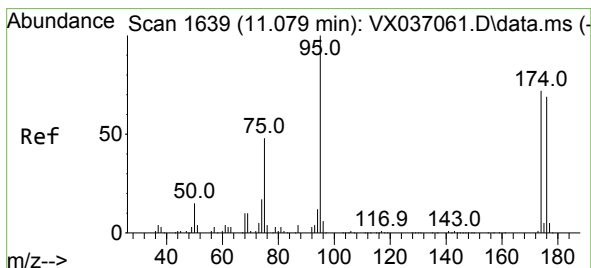
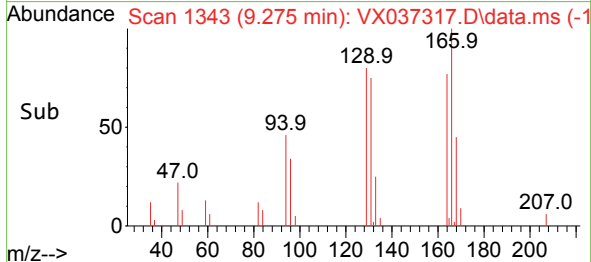
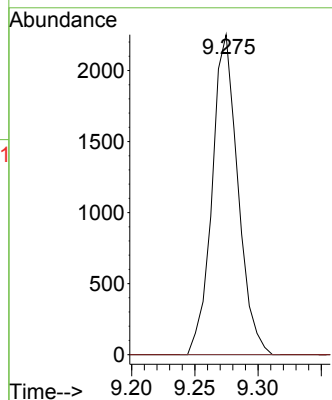
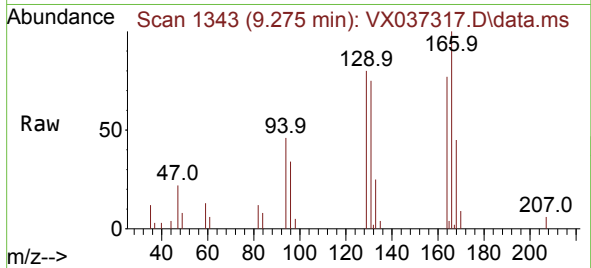




#60
Dibromochloromethane
Concen: 1.630 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

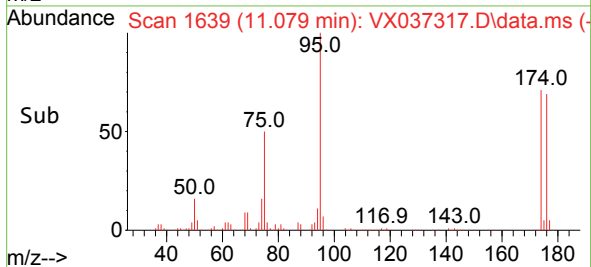
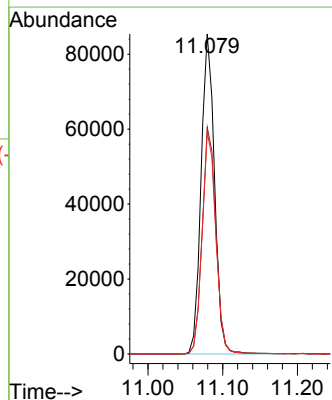
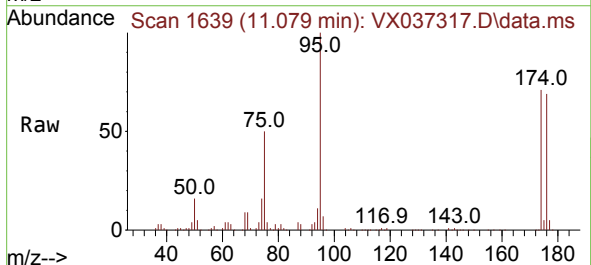
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230821DL

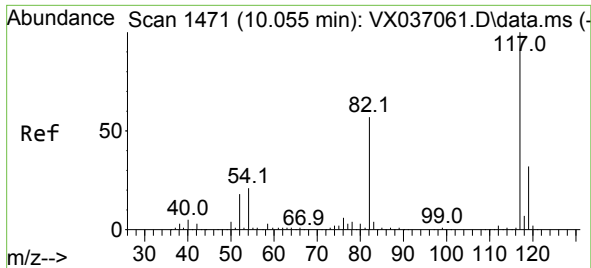
Tgt Ion:129 Resp: 3199
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

Tgt Ion: 95 Resp: 106472
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.7 0.0 131.0

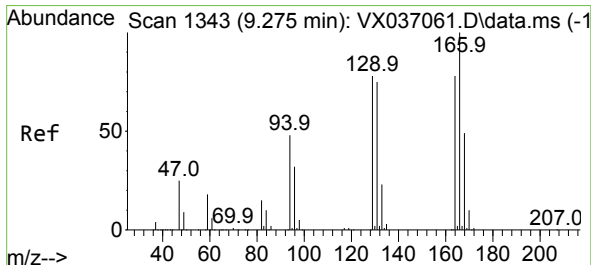
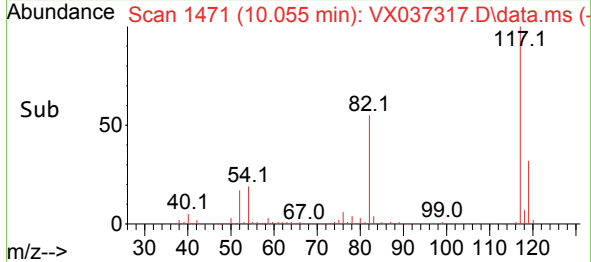
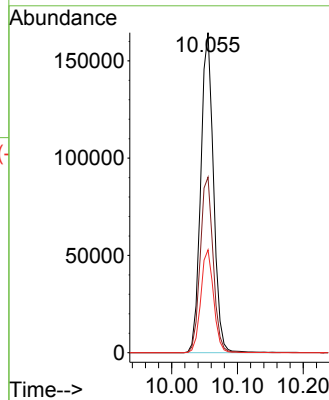
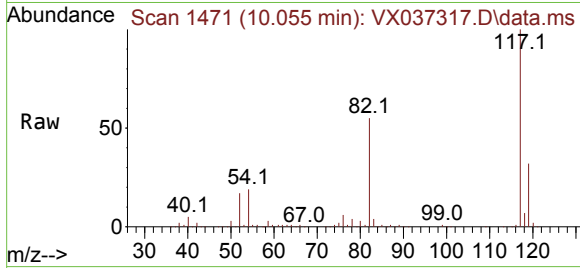




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

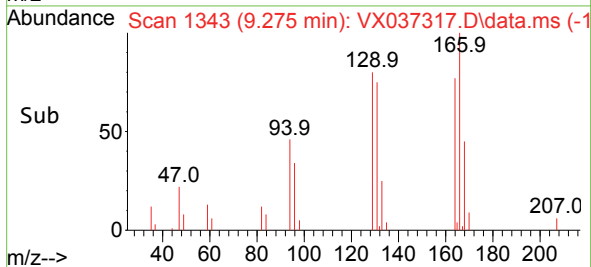
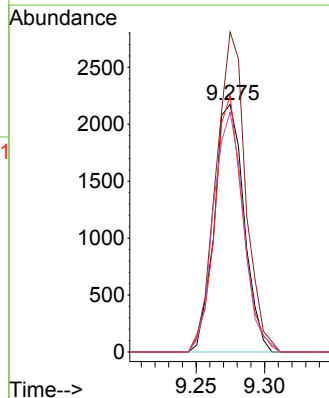
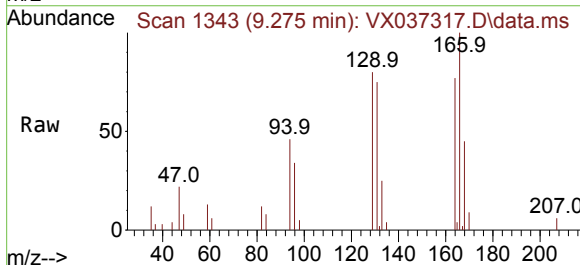
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230821DL

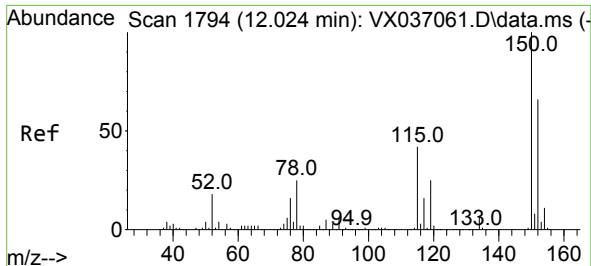
Tgt Ion:	117	Resp:	221502
Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.2	69.4
119	32.2	25.5	38.3



#64
Tetrachloroethene
Concen: 2.029 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037317.D
Acq: 29 Aug 2023 03:57

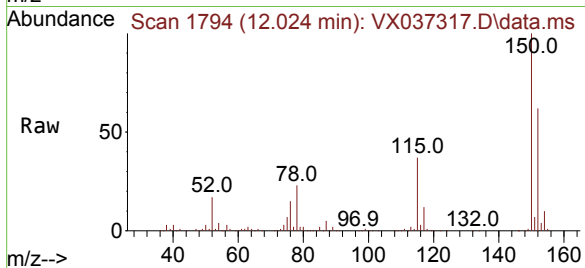
Tgt Ion:	164	Resp:	3278
Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.7	154.1
129	103.6	80.4	120.6
131	96.9	76.5	114.7



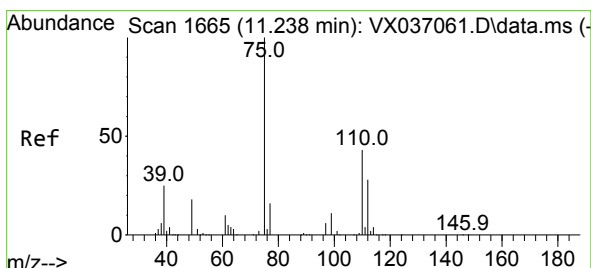
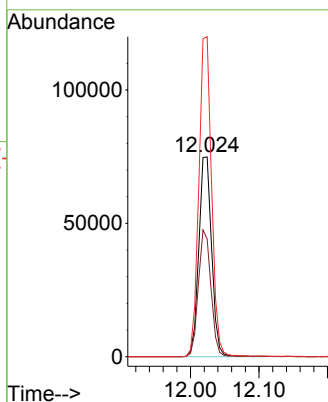
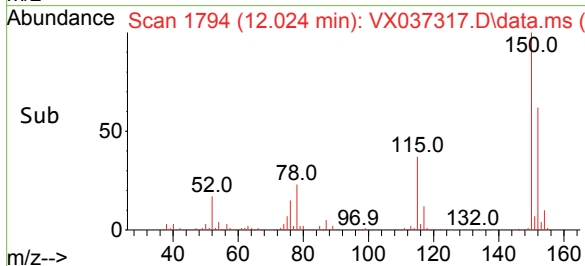


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037317.D
 Acq: 29 Aug 2023 03:57

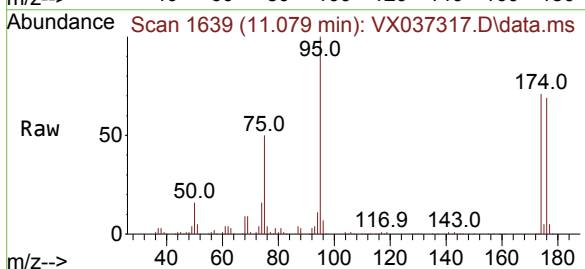
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230821DL



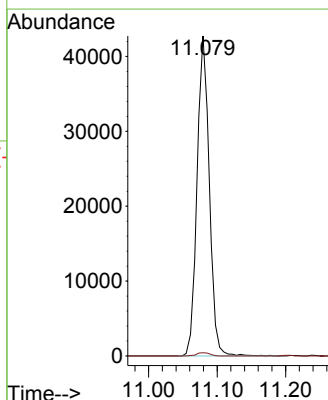
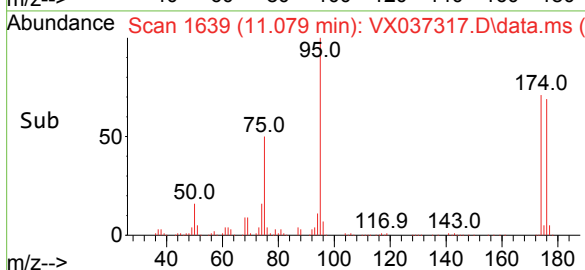
Tgt Ion:152 Resp: 97801
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 158.9 0.0 345.0

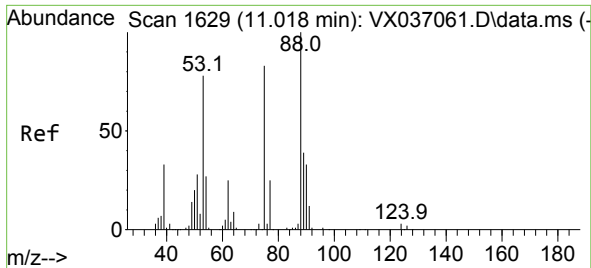


#76
 1,2,3-Trichloropropane
 Concen: 25.543 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037317.D
 Acq: 29 Aug 2023 03:57



Tgt Ion: 75 Resp: 53203
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.344 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037317.D
 Acq: 29 Aug 2023 03:57

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230821DL

Tgt Ion: 75 Resp: 53203
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

