

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038735.D
 Acq On : 10 Nov 2023 17:43
 Operator : JC/MD
 Sample : 05358-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20231108

Quant Time: Nov 11 04:31:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

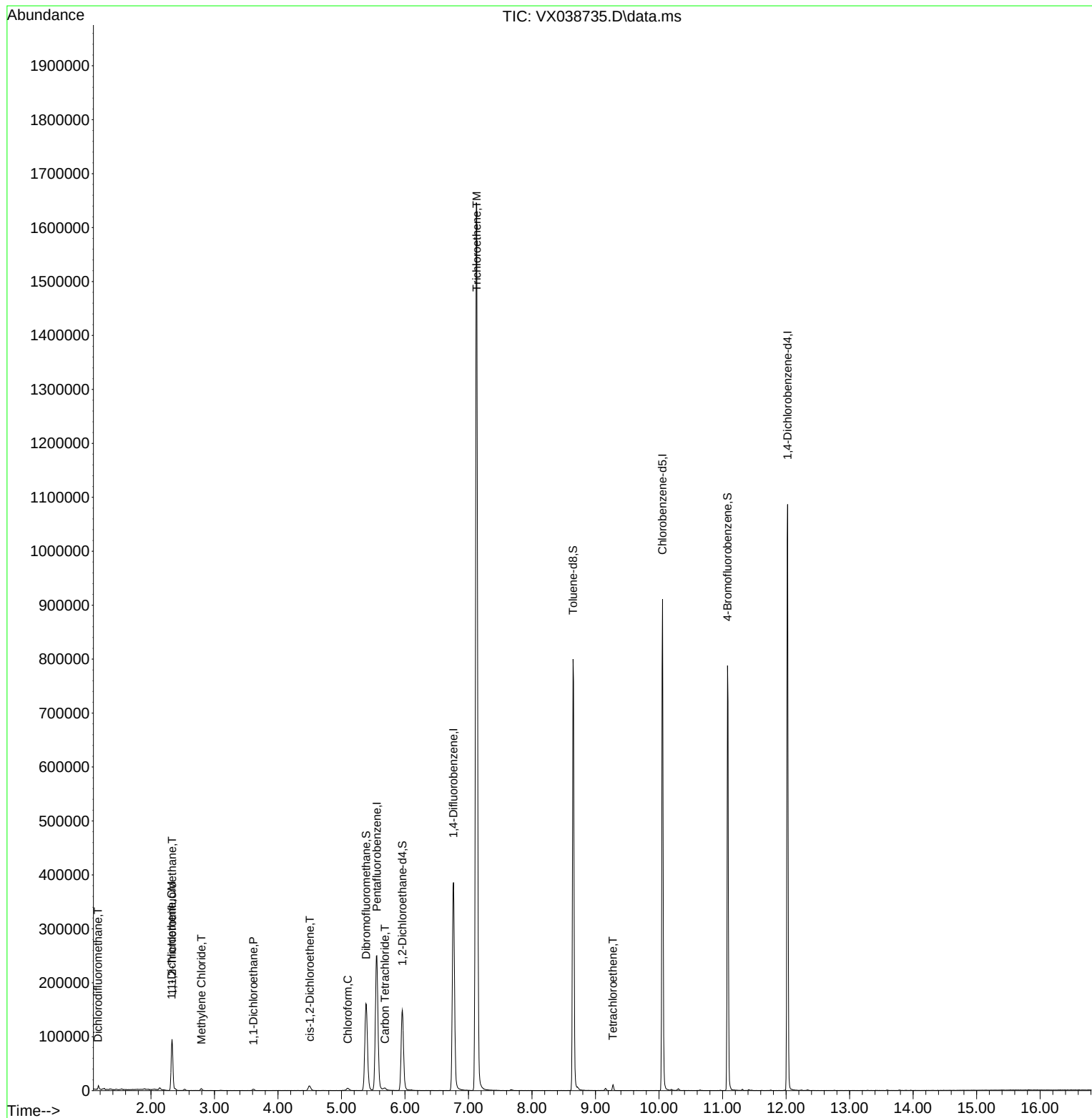
Internal Standards						
1) Pentafluorobenzene	5.556	168	261466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	435874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150284	46.168	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.340%
35) Dibromofluoromethane	5.385	113	143075	45.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	8.647	98	515897	45.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	217719	49.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2823	1.040	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	32425	12.731	ug/l	89
12) 1,1-Dichloroethene	2.325	96	6651	2.726	ug/l #	78
20) Methylene Chloride	2.794	84	1934	0.700	ug/l #	83
24) 1,1-Dichloroethane	3.611	63	3067	0.704	ug/l #	93
27) cis-1,2-Dichloroethene	4.501	96	6365	2.075	ug/l	76
30) Chloroform	5.099	83	5633	1.102	ug/l	94
38) Carbon Tetrachloride	5.684	117	3509	0.805	ug/l #	85
44) Trichloroethene	7.129	130	694251	198.657	ug/l	91
64) Tetrachloroethene	9.275	164	2009	0.592	ug/l	92

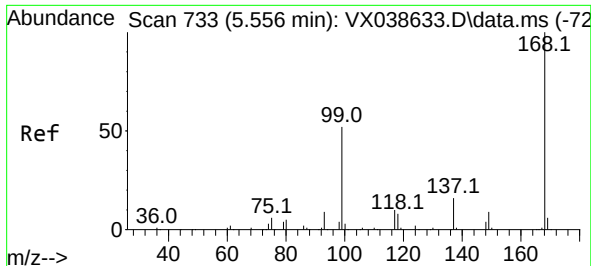
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
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Response via : Initial Calibration

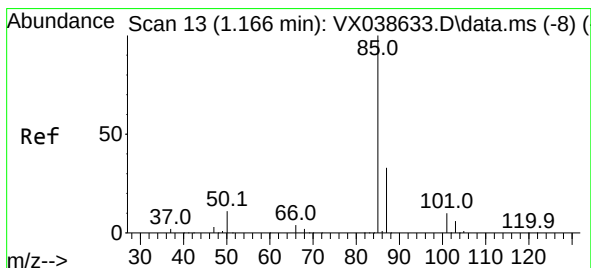
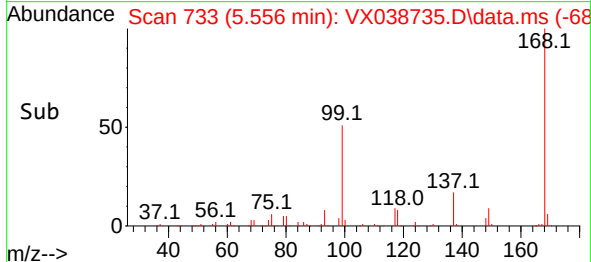
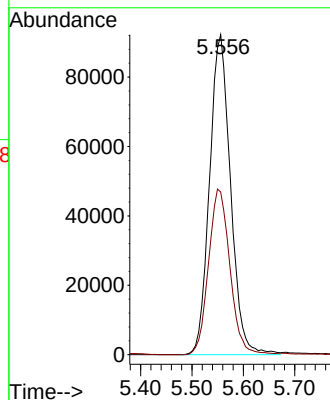
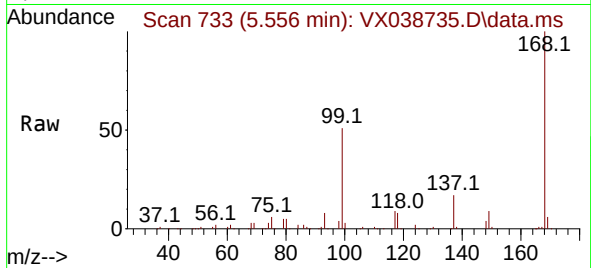




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

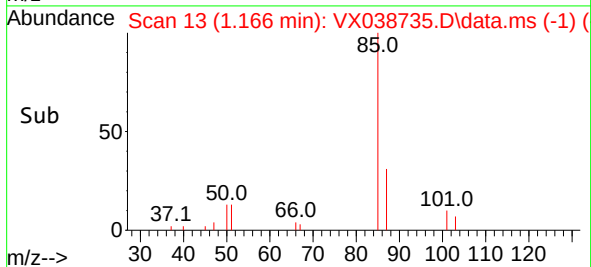
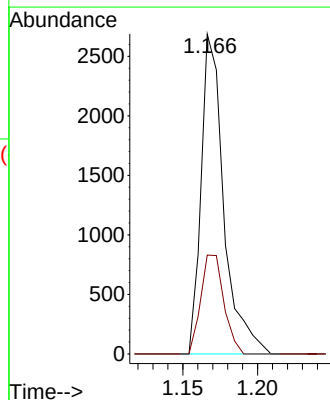
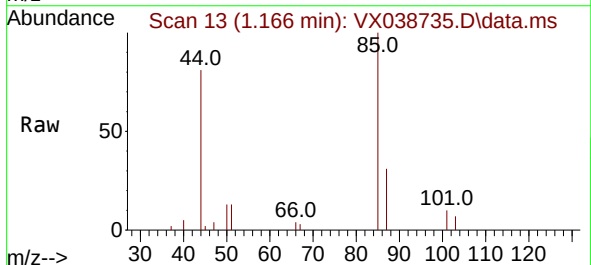
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108

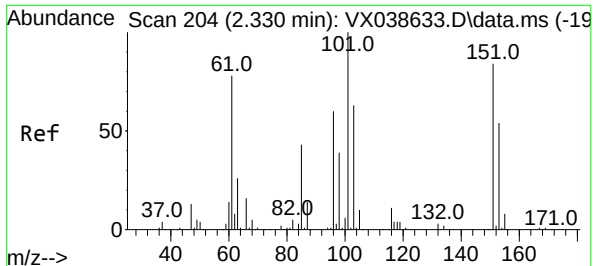
Tgt Ion:168 Resp: 261466
Ion Ratio Lower Upper
168 100
99 50.9 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.040 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion: 85 Resp: 2823
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1

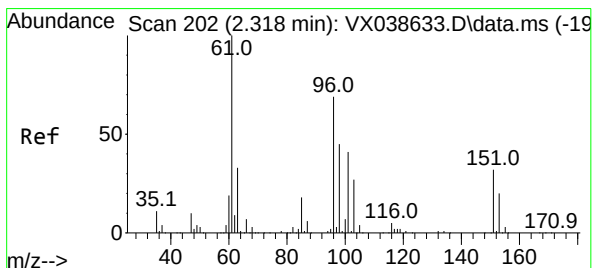
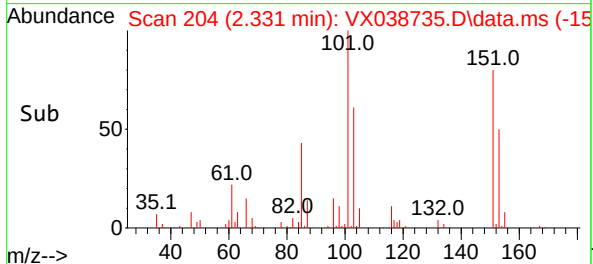
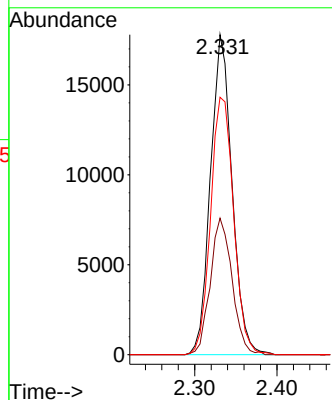
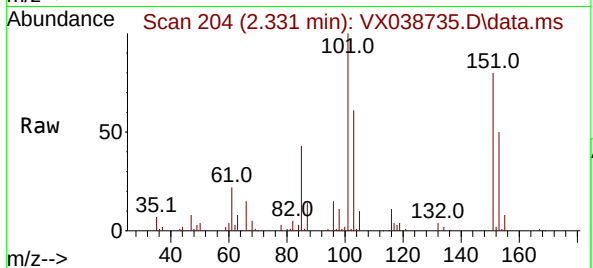




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.731 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038735.D
 Acq: 10 Nov 2023 17:43

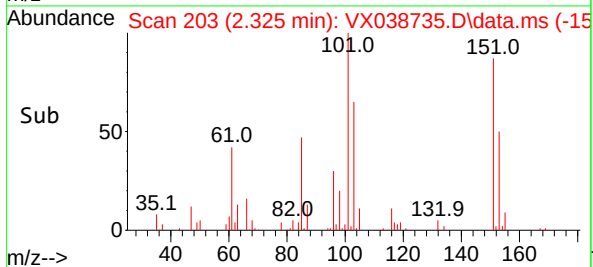
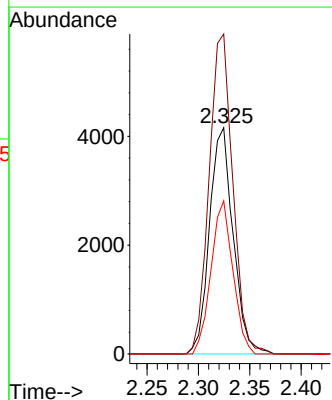
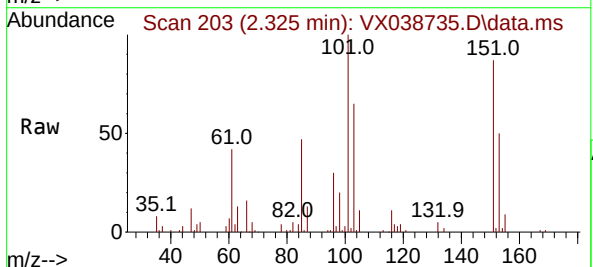
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20231108

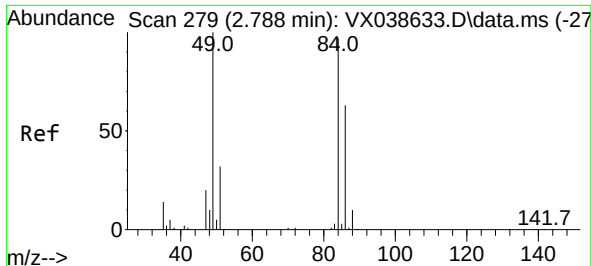
Tgt Ion:101 Resp: 32425
 Ion Ratio Lower Upper
 101 100
 85 43.2 37.0 55.6
 151 85.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 2.726 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX038735.D
 Acq: 10 Nov 2023 17:43

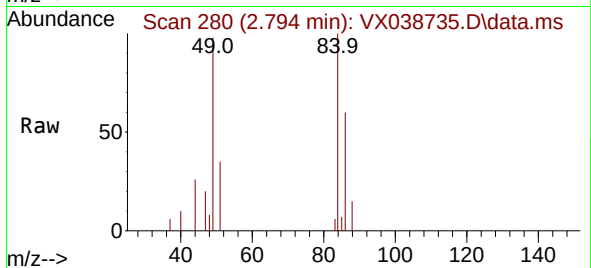
Tgt Ion: 96 Resp: 6651
 Ion Ratio Lower Upper
 96 100
 61 141.5 144.6 216.8#
 98 67.7 50.4 75.6



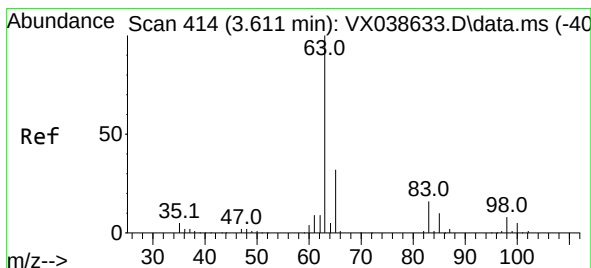
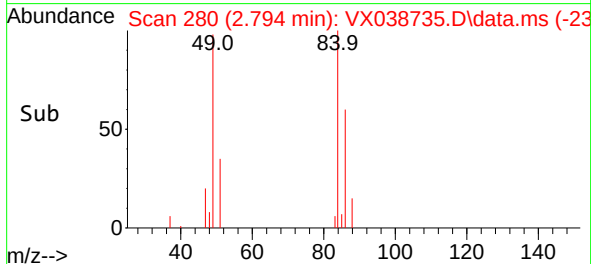
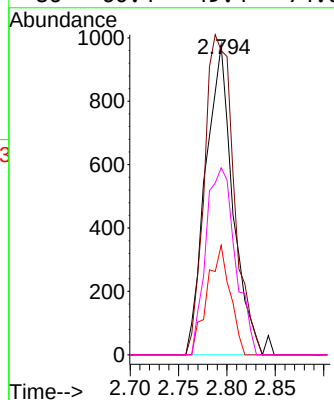


#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108

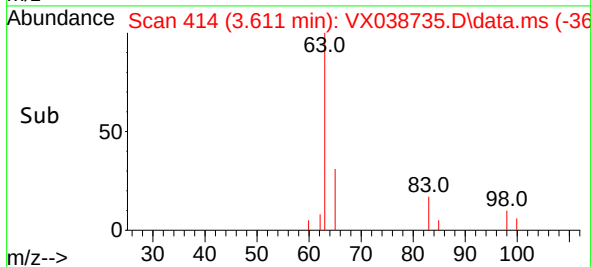
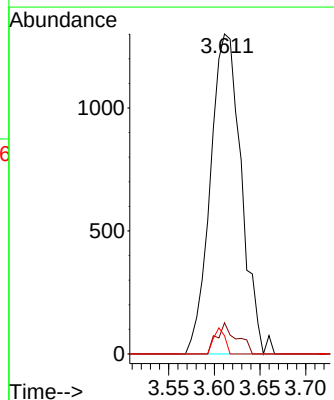
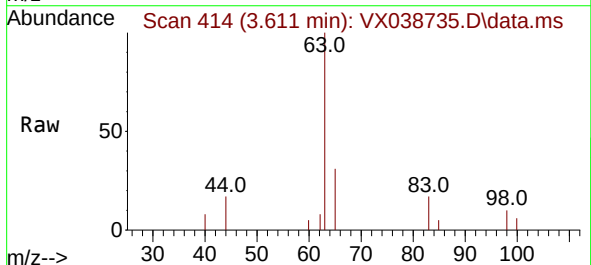


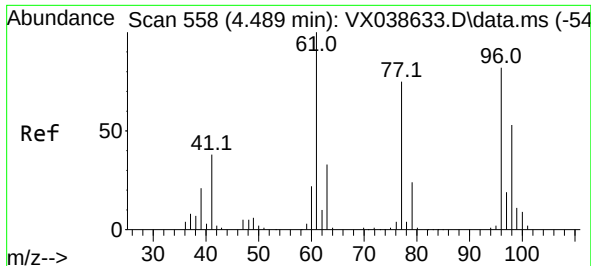
Tgt Ion:	84	Resp:	1934
Ion	Ratio	Lower	Upper
84	100		
49	98.3	103.6	155.4#
51	35.3	33.8	50.6
86	60.4	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.704 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion:	63	Resp:	3067
Ion	Ratio	Lower	Upper
63	100		
98	9.8	3.3	9.8#
100	5.7	2.1	6.5





#27

cis-1,2-Dichloroethene

Concen: 2.075 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038735.D

Acq: 10 Nov 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20231108

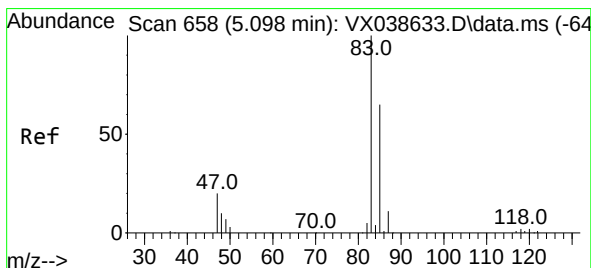
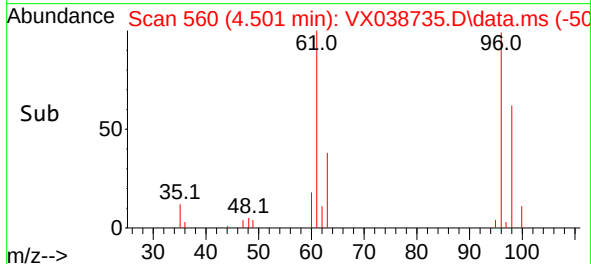
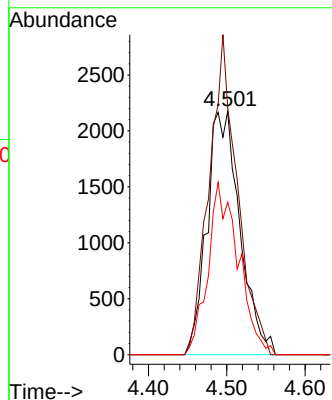
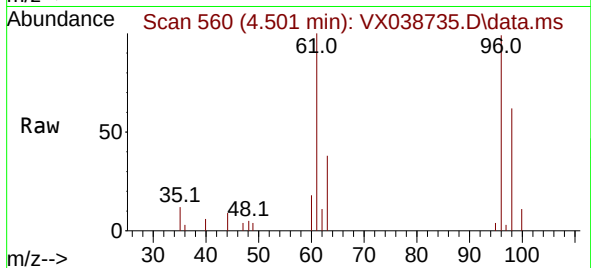
Tgt Ion: 96 Resp: 6365

Ion Ratio Lower Upper

96 100

61 112.4 0.0 312.2

98 65.4 0.0 129.0



#30

Chloroform

Concen: 1.102 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX038735.D

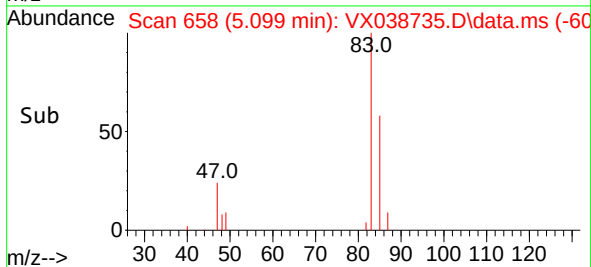
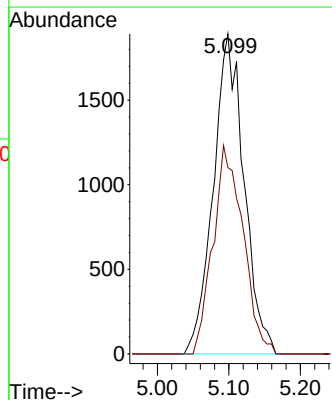
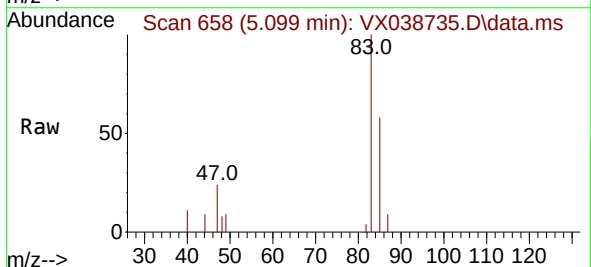
Acq: 10 Nov 2023 17:43

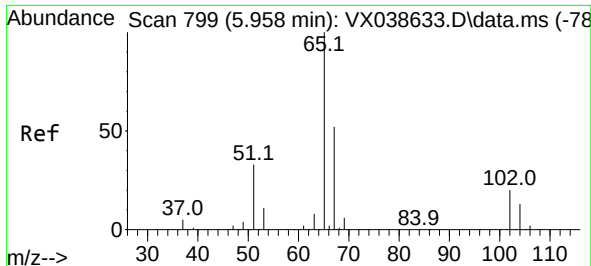
Tgt Ion: 83 Resp: 5633

Ion Ratio Lower Upper

83 100

85 58.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.168 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038735.D

Acq: 10 Nov 2023 17:43

Instrument :

MSVOA_X

ClientSampleId :

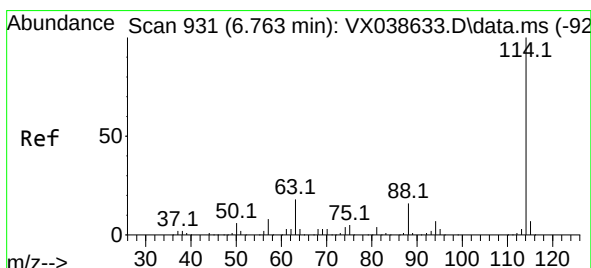
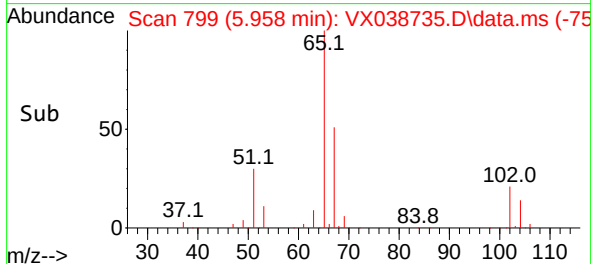
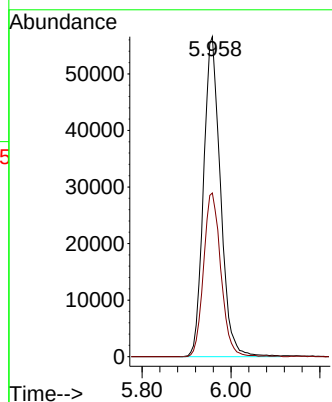
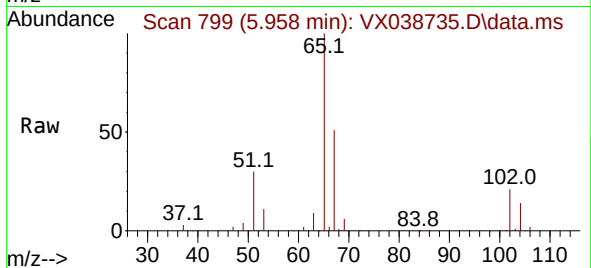
RE132D5-20231108

Tgt Ion: 65 Resp: 150284

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038735.D

Acq: 10 Nov 2023 17:43

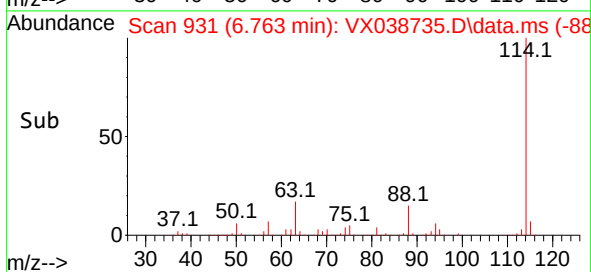
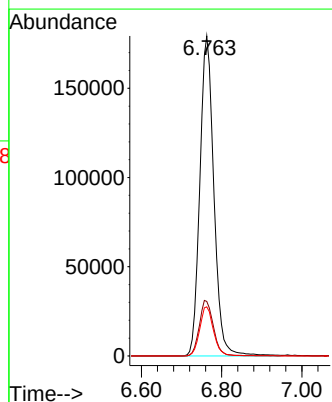
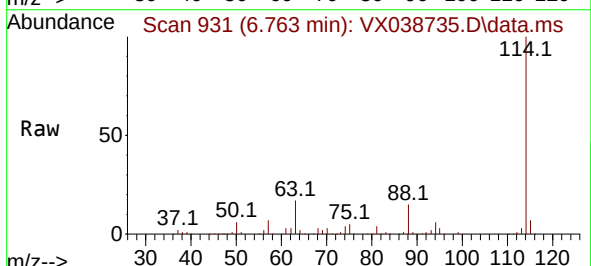
Tgt Ion: 114 Resp: 435874

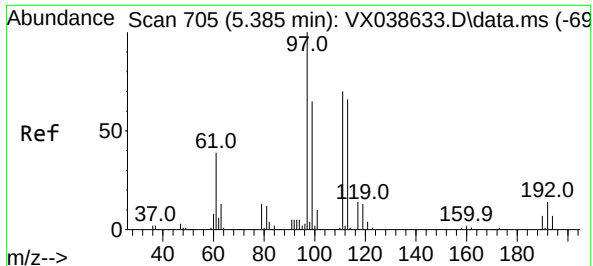
Ion Ratio Lower Upper

114 100

63 17.1 0.0 45.0

88 15.3 0.0 36.6

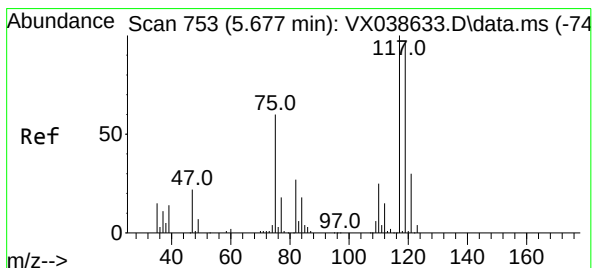
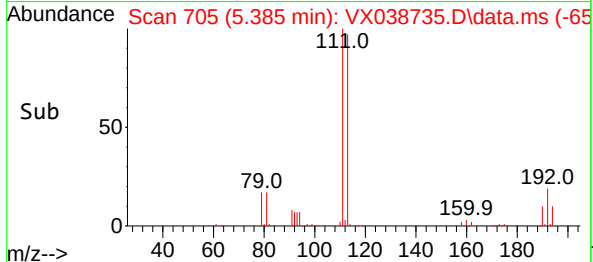
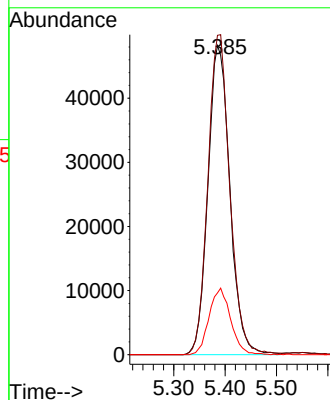
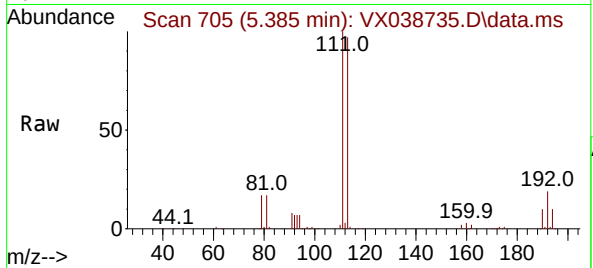




#35
Dibromofluoromethane
Concen: 45.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

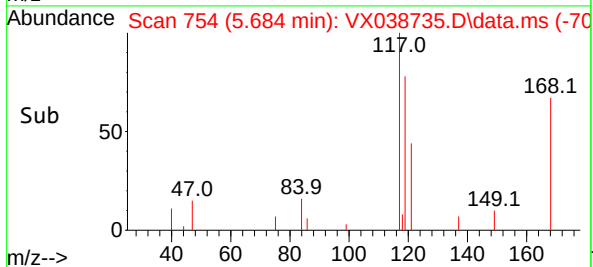
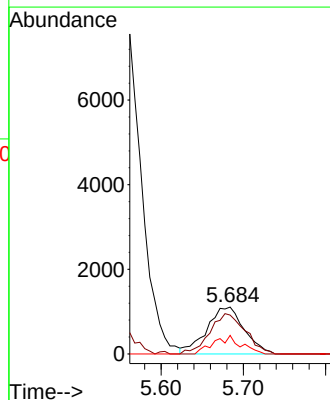
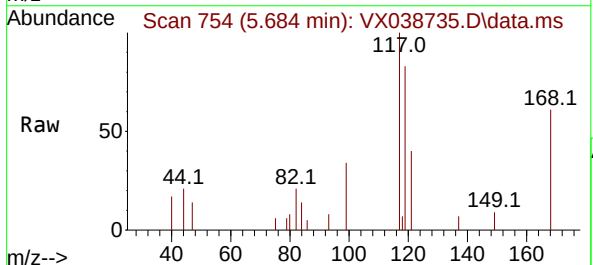
Instrument :
MSVOA_X
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RE132D5-20231108

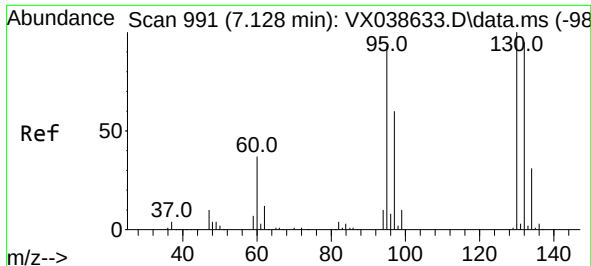
Tgt Ion:113 Resp: 143075
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 21.1 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 0.805 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion:117 Resp: 3509
Ion Ratio Lower Upper
117 100
119 83.0 78.2 117.2
121 39.6 24.4 36.6#

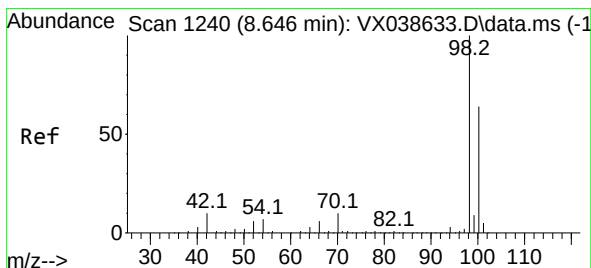
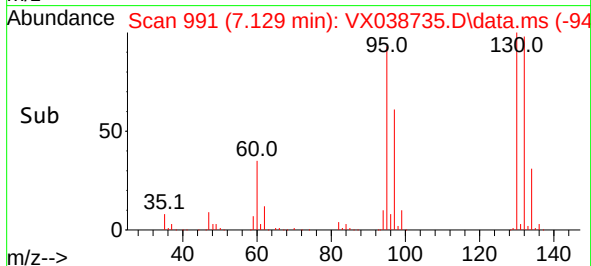
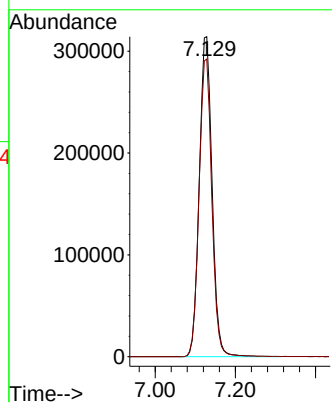
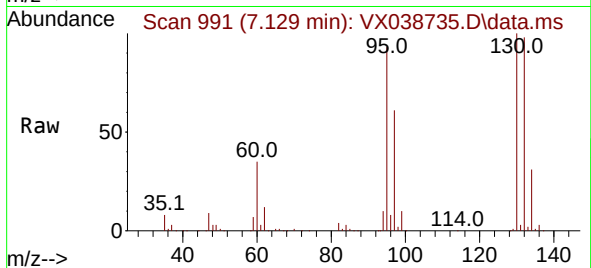




#44
Trichloroethene
Concen: 198.657 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

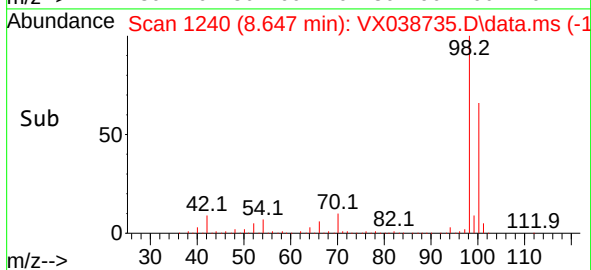
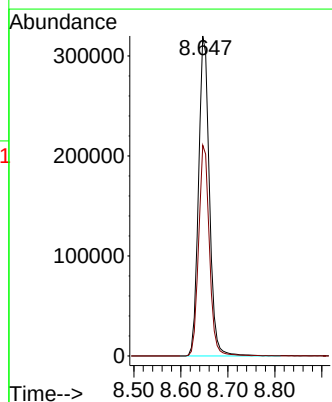
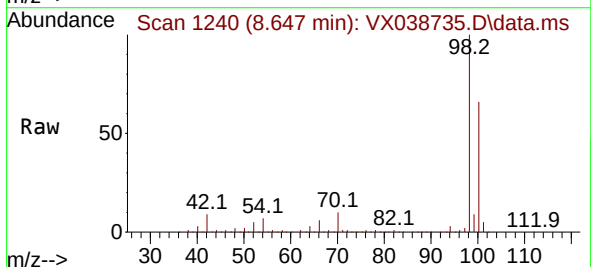
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108

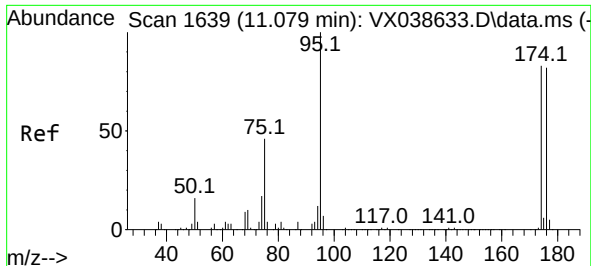
Tgt Ion:130 Resp: 694251
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 45.924 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion: 98 Resp: 515897
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

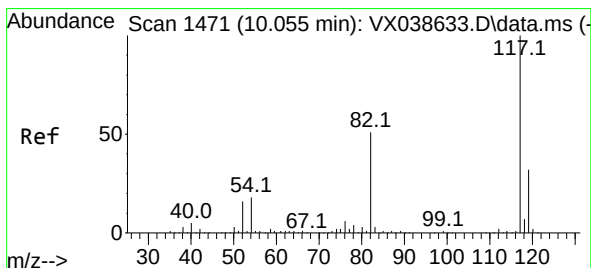
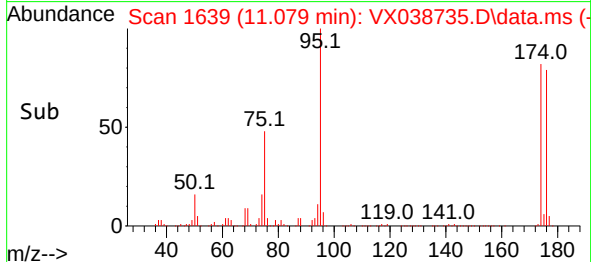
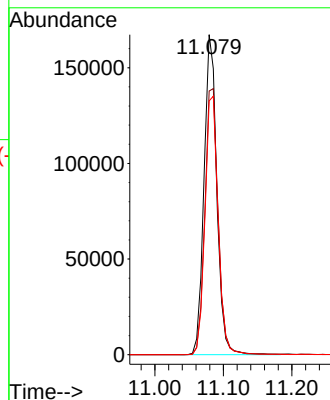
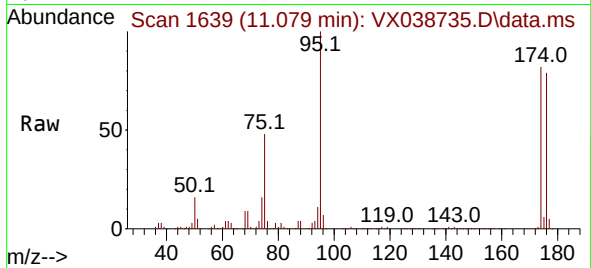




#62
4-Bromofluorobenzene
Concen: 49.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

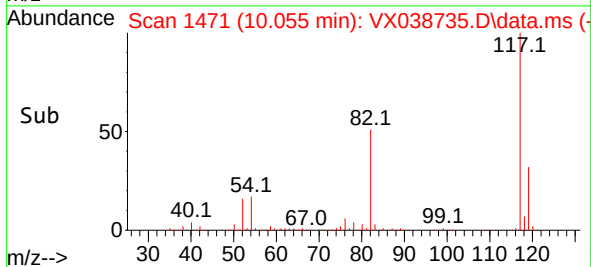
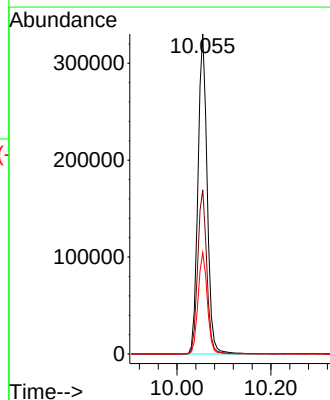
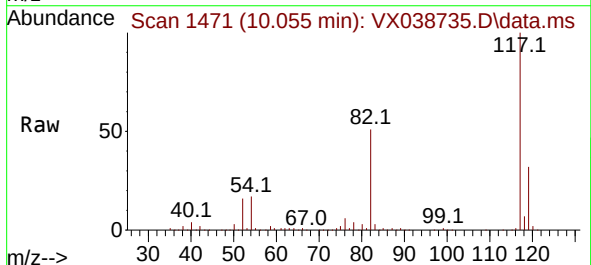
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108

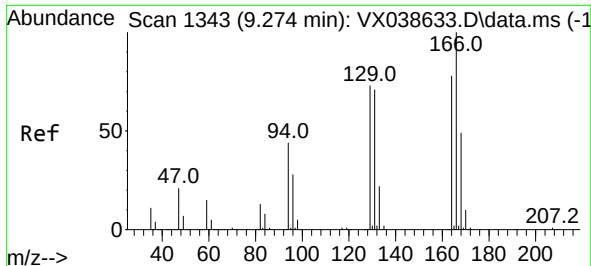
Tgt Ion: 95 Resp: 217719
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion: 117 Resp: 453110
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 31.7 25.5 38.3



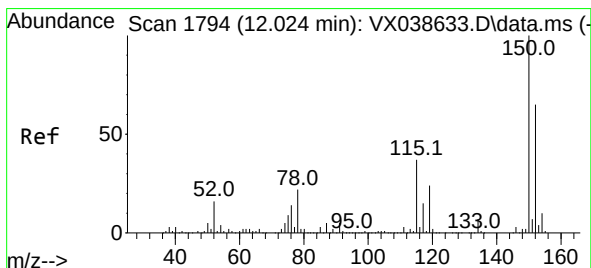
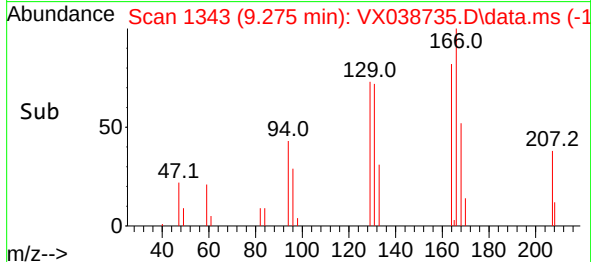
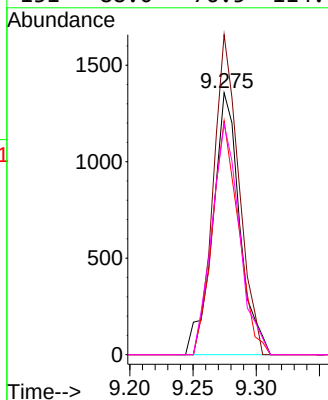
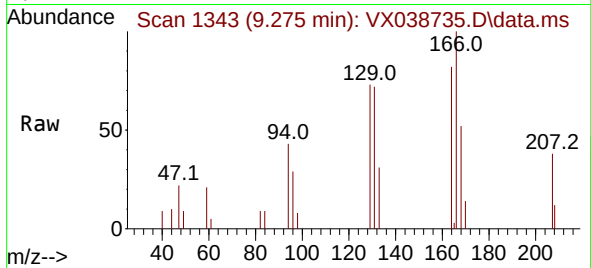


#64
Tetrachloroethene
Concen: 0.592 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20231108

Tgt Ion:164 Resp: 2009

Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.7	154.1
129	89.3	80.4	120.6
131	88.0	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038735.D
Acq: 10 Nov 2023 17:43

Tgt Ion:152 Resp: 254639

Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.3	129.9
150	154.9	0.0	345.0

