

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076813.D
 Acq On : 26 Jul 2023 18:40
 Operator : KP/SY
 Sample : 03769-10
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	12356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	25481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	26546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	11428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9586	77.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.780%
35) Dibromofluoromethane	7.805	113	9504	59.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.700%
50) Toluene-d8	10.269	98	32422	56.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.569	95	9552	51.546	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.100%

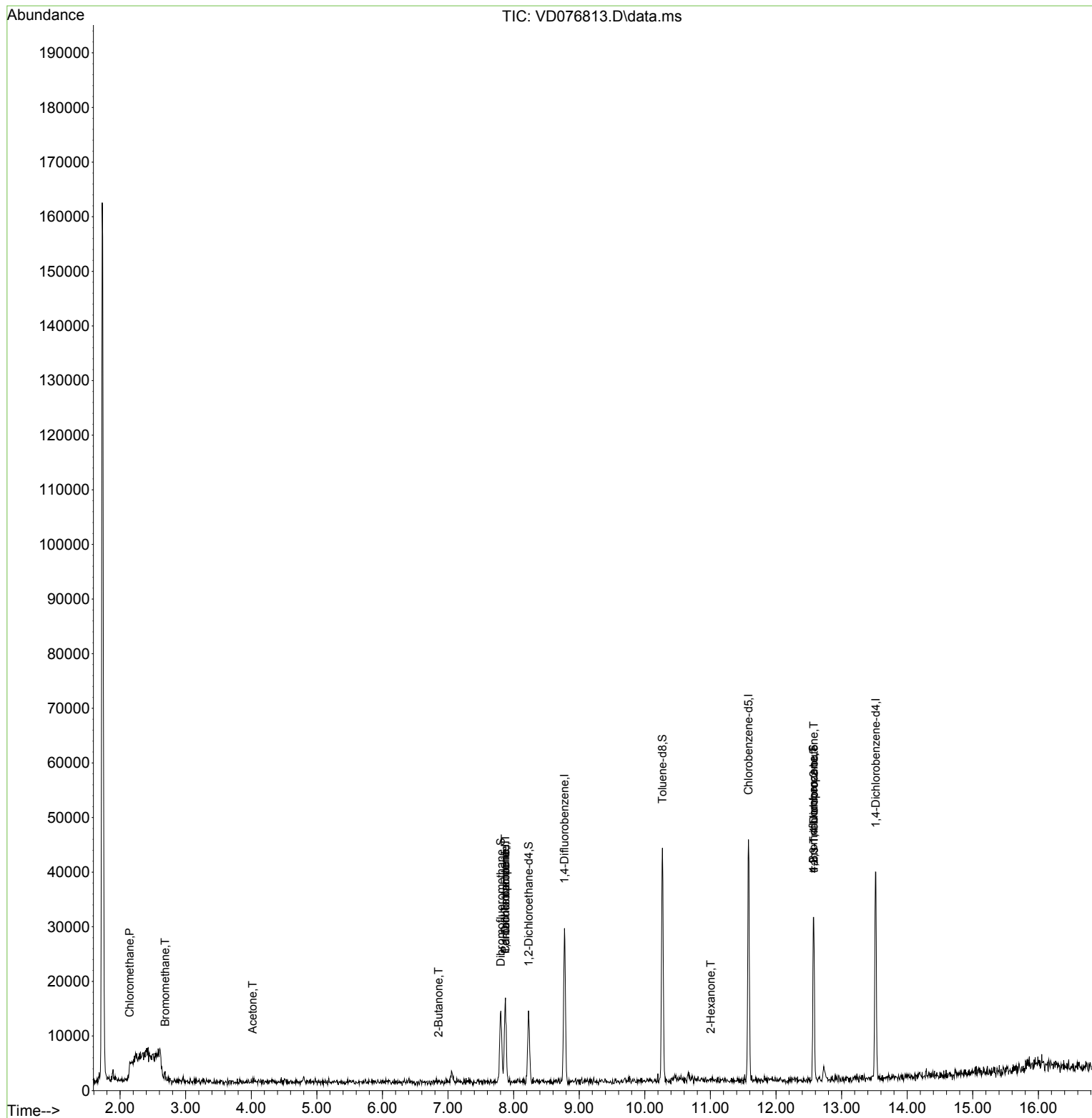
Target Compounds					Qvalue	
3) Chloromethane	2.146	50	432	2.592	ug/l #	41
5) Bromomethane	2.687	94	624	3.413	ug/l	98
16) Acetone	4.022	43	70	2.382	ug/l #	32
20) Methylene Chloride	4.787	84	649	Below Cal	#	28
25) 2-Butanone	6.858	43	132	3.356	ug/l #	37
36) 1,1-Dichloropropene	7.875	75	858	4.101	ug/l #	39
38) Carbon Tetrachloride	7.875	117	1194	5.960	ug/l #	11
59) 2-Hexanone	11.004	43	73	1.052	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	5467	50.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	5467	107.060	ug/l #	17

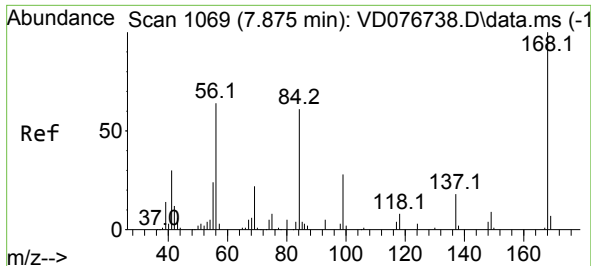
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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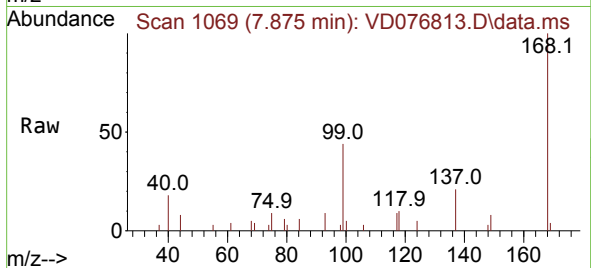
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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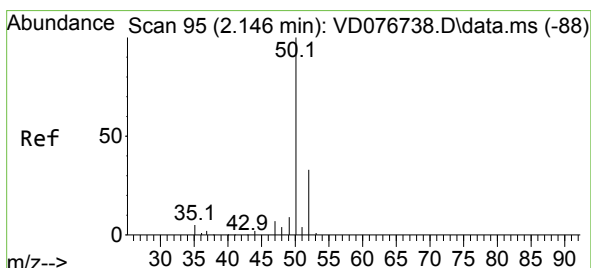
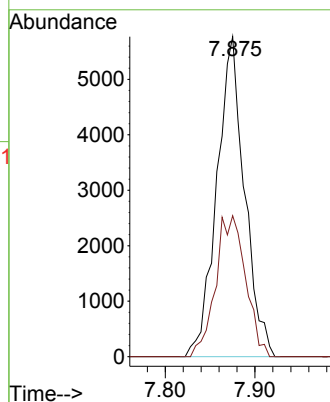
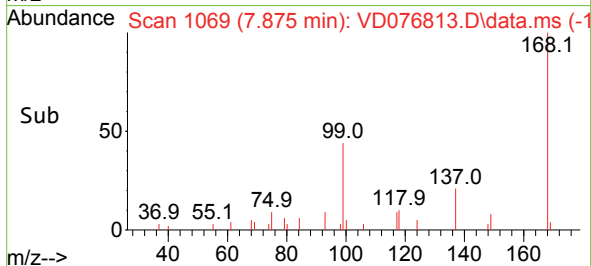


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Instrument :
MSVOA_D
ClientSampleId :

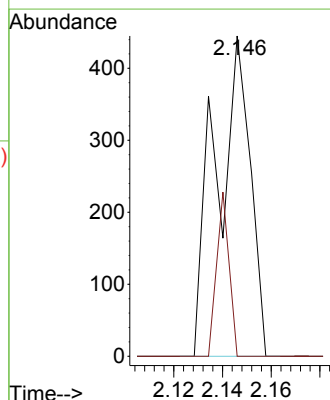
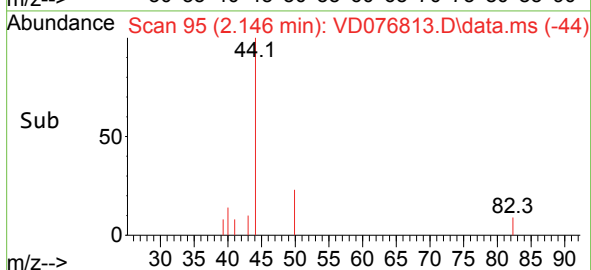
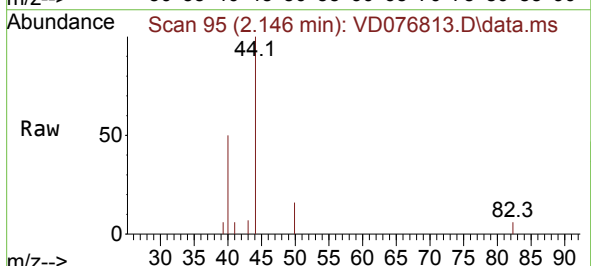


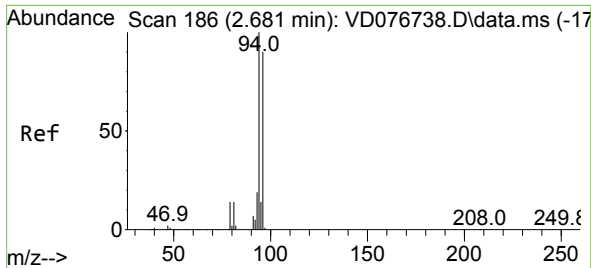
Tgt Ion:168 Resp: 12356
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#3
Chloromethane
Concen: 2.592 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

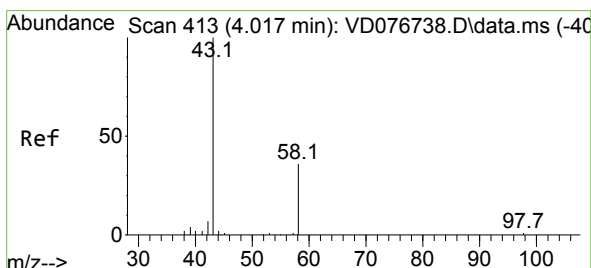
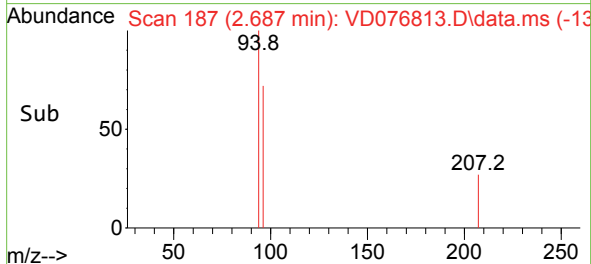
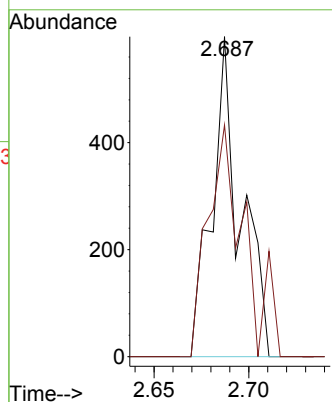
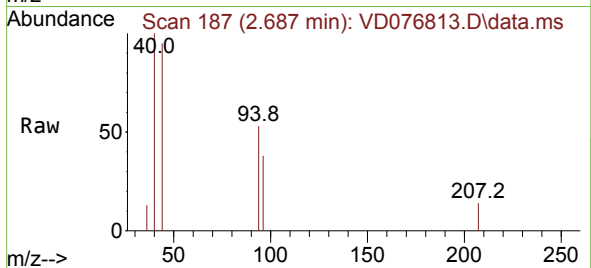




#5
Bromomethane
Concen: 3.413 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

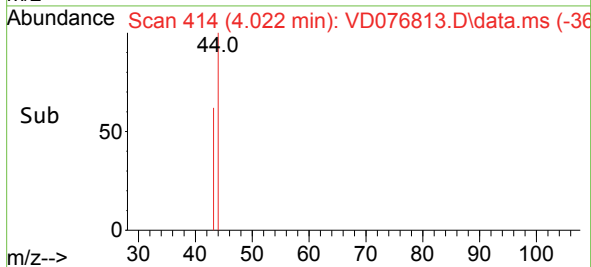
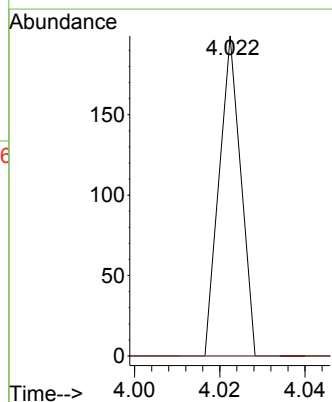
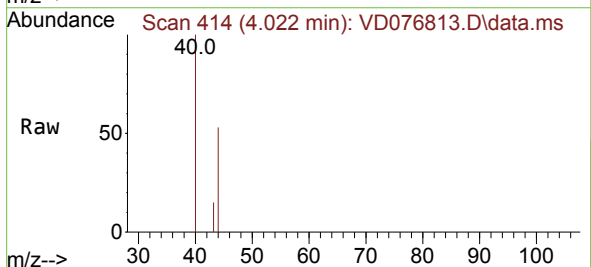
Instrument :
MSVOA_D
ClientSampleId :

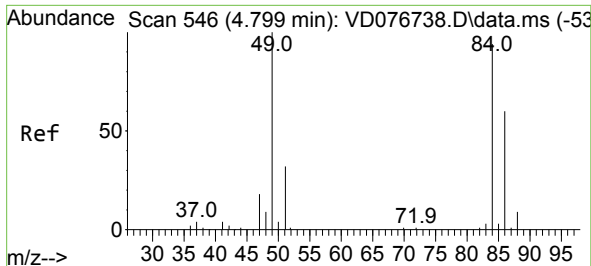
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8



#16
Acetone
Concen: 2.382 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

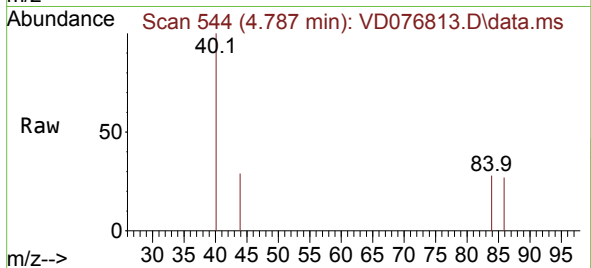
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



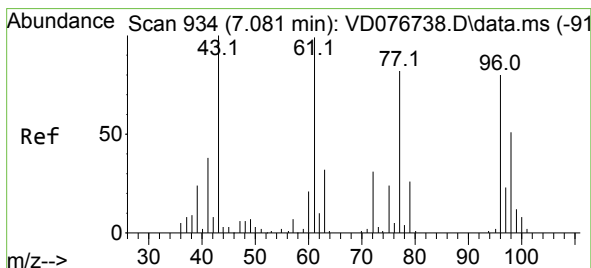
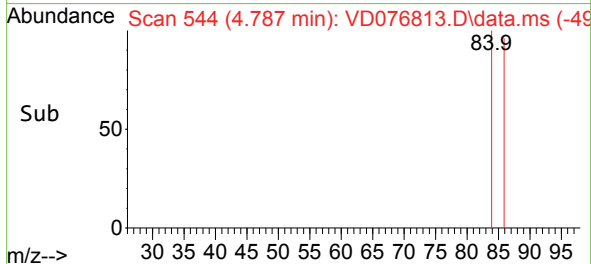
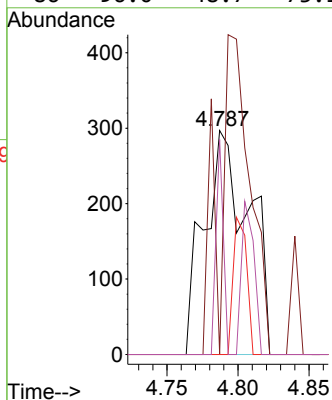


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Instrument :
MSVOA_D
ClientSampleId :

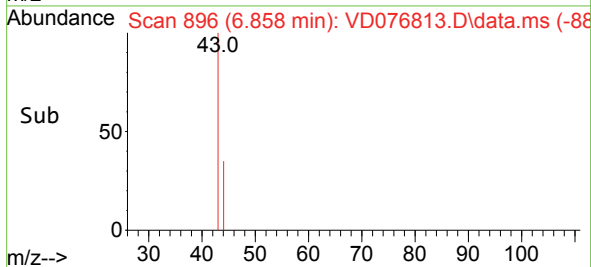
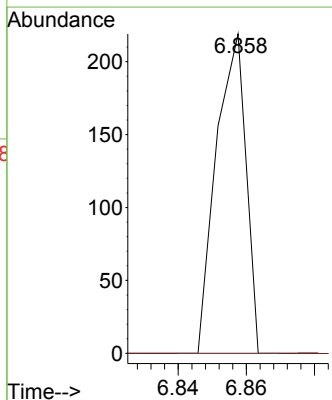
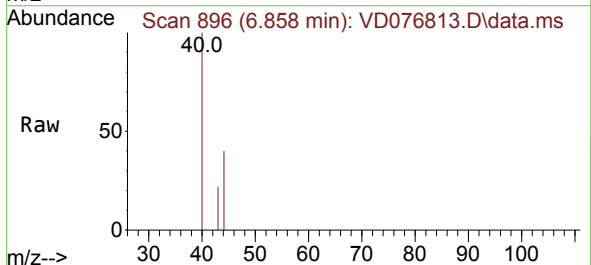


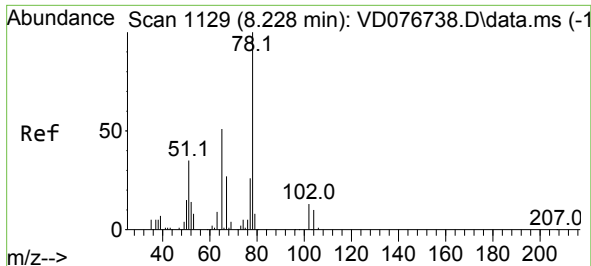
Tgt Ion: 84 Resp: 649
Ion Ratio Lower Upper
84 100
49 0.0 71.4 107.2#
51 0.0 24.5 36.7#
86 96.0 48.7 73.1#



#25
2-Butanone
Concen: 3.356 ug/l
RT: 6.858 min Scan# 896
Delta R.T. -0.223 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 77.891 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076813.D

Acq: 26 Jul 2023 18:40

Instrument :

MSVOA_D

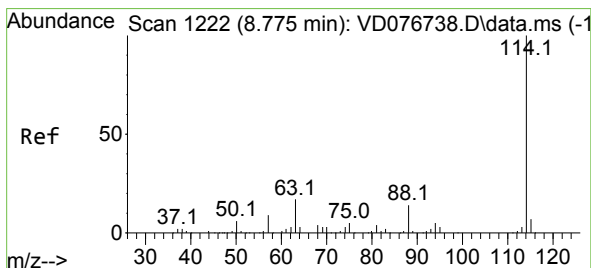
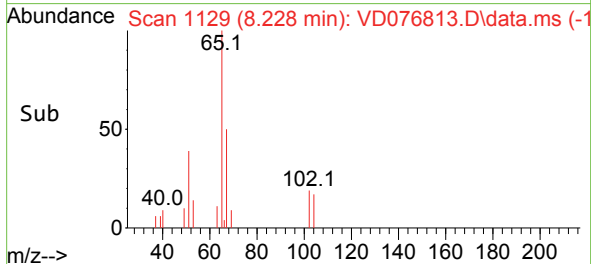
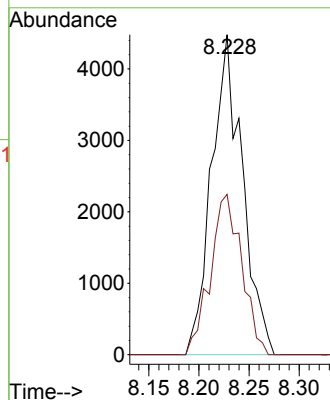
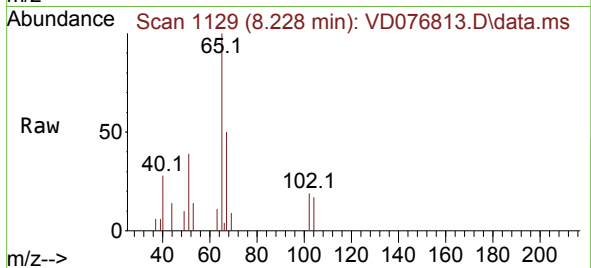
ClientSampleId :

Tgt Ion: 65 Resp: 9586

Ion Ratio Lower Upper

65 100

67 51.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076813.D

Acq: 26 Jul 2023 18:40

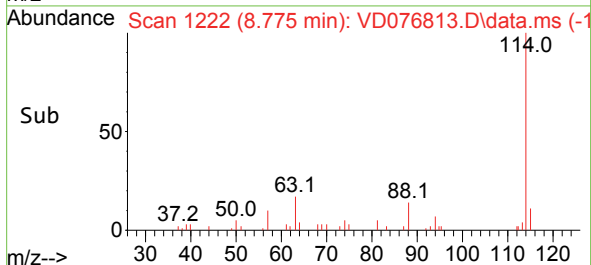
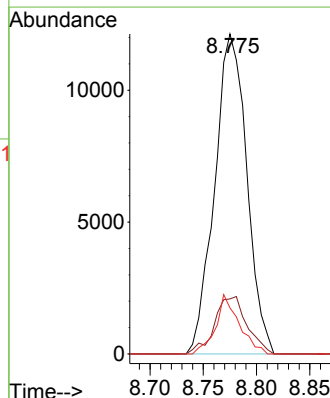
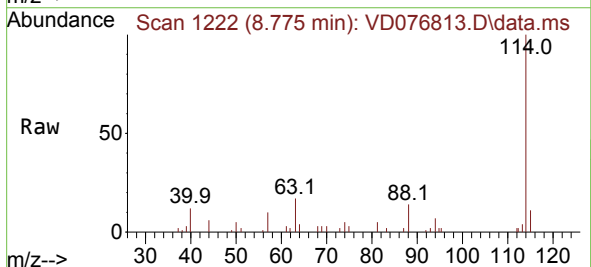
Tgt Ion: 114 Resp: 25481

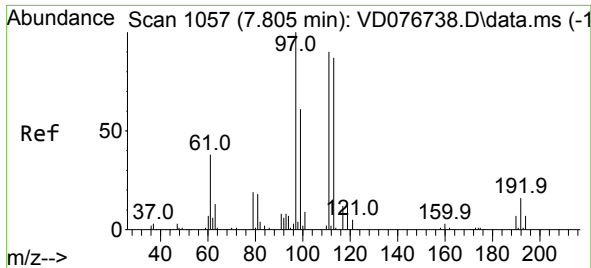
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

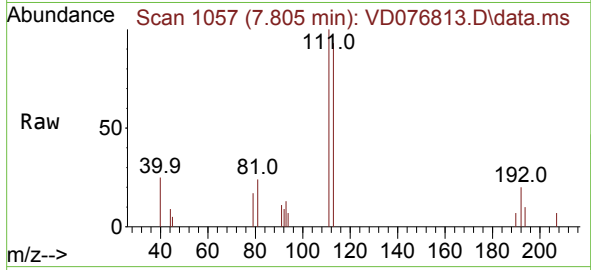
88 14.4 0.0 26.2



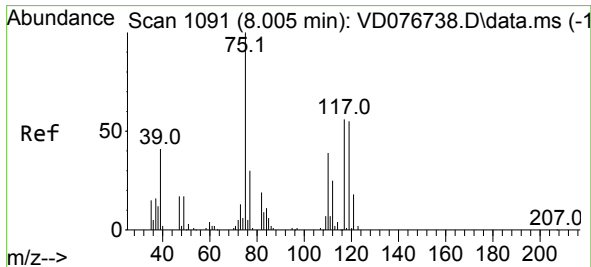
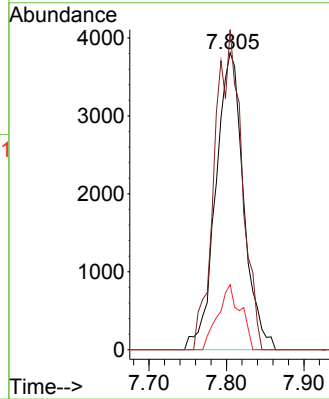
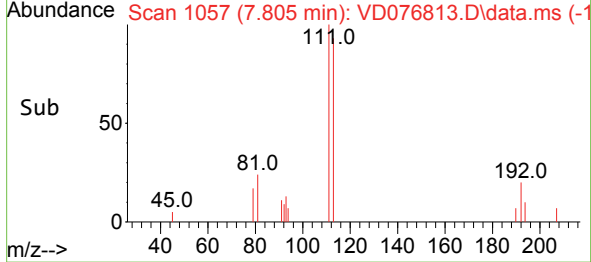


#35
 Dibromofluoromethane
 Concen: 59.354 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076813.D
 Acq: 26 Jul 2023 18:40

Instrument :
 MSVOA_D
 ClientSampleId :

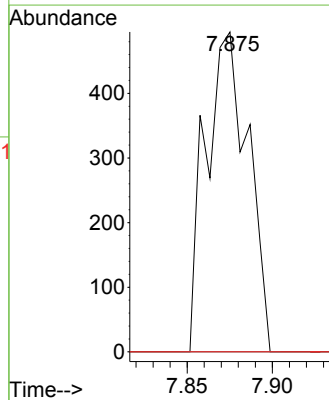
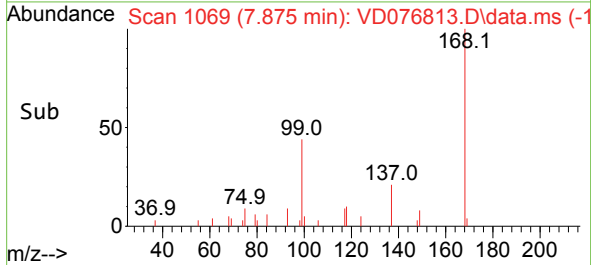
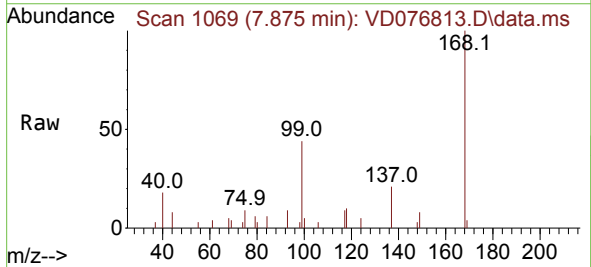


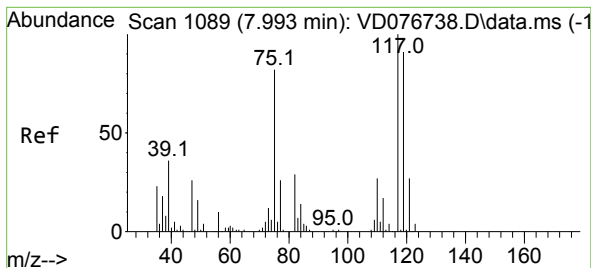
Tgt Ion:113 Resp: 9504
 Ion Ratio Lower Upper
 113 100
 111 105.7 84.7 127.1
 192 17.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.101 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.130 min
 Lab File: VD076813.D
 Acq: 26 Jul 2023 18:40

Tgt Ion: 75 Resp: 858
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.9 59.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

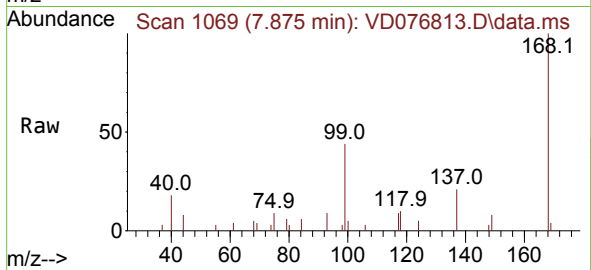
Lab File: VD076813.D

Acq: 26 Jul 2023 18:40

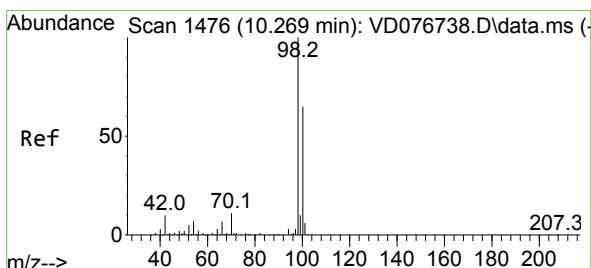
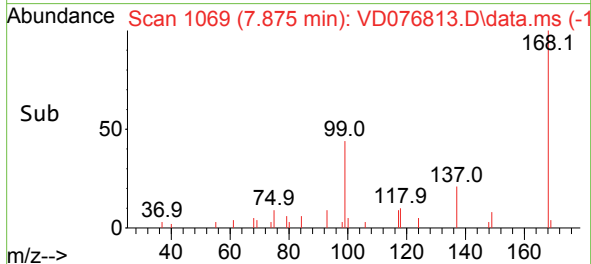
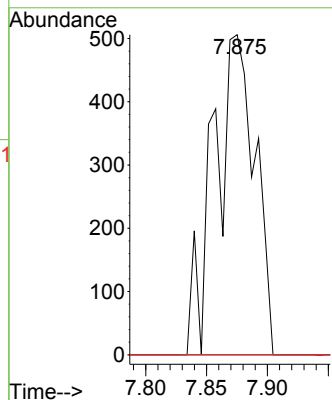
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	1194
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#



#50

Toluene-d8

Concen: 56.600 ug/l

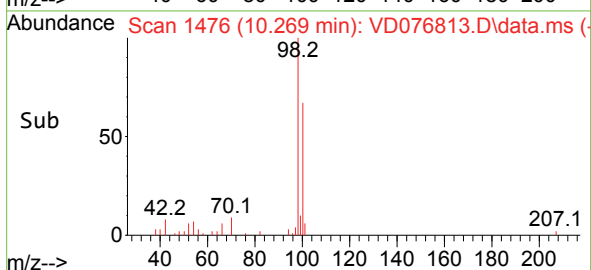
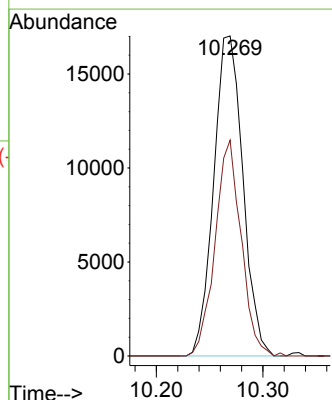
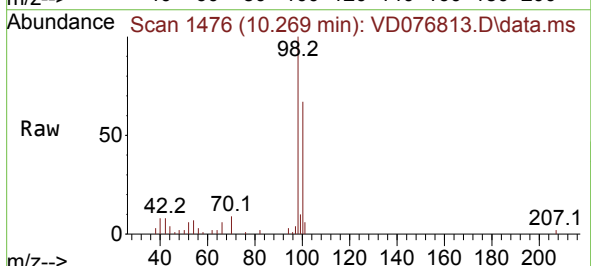
RT: 10.269 min Scan# 1476

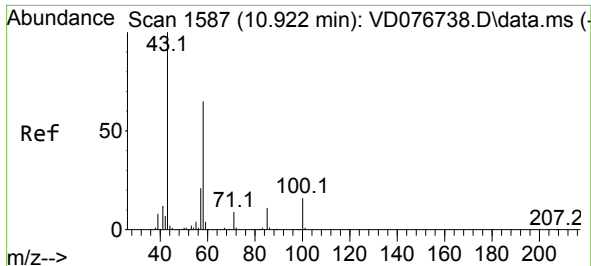
Delta R.T. 0.000 min

Lab File: VD076813.D

Acq: 26 Jul 2023 18:40

Tgt Ion:	98	Resp:	32422
Ion	Ratio	Lower	Upper
98	100		
100	60.3	50.3	75.5

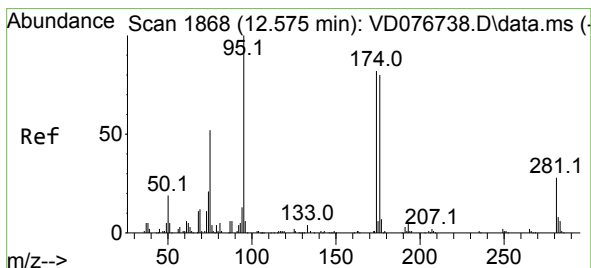
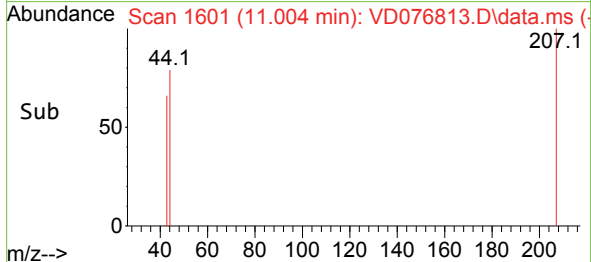
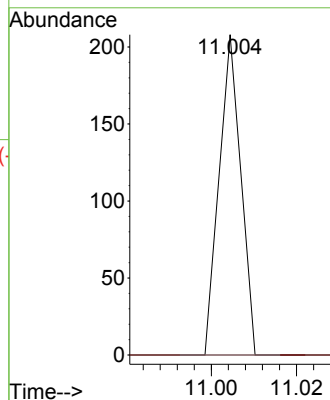
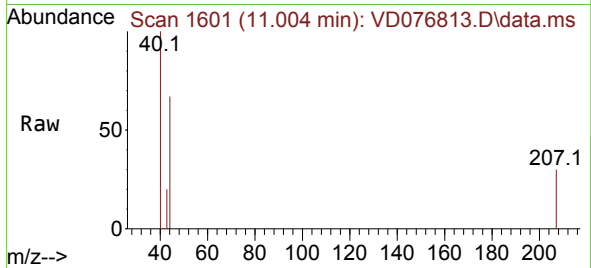




#59
2-Hexanone
Concen: 1.052 ug/l
RT: 11.004 min Scan# 110
Delta R.T. 0.082 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

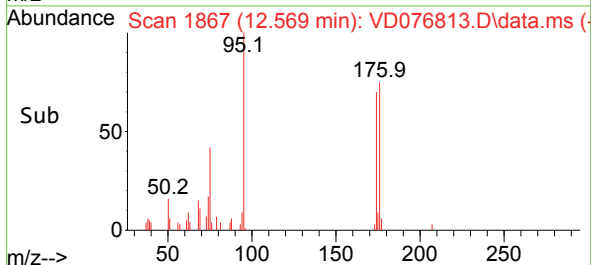
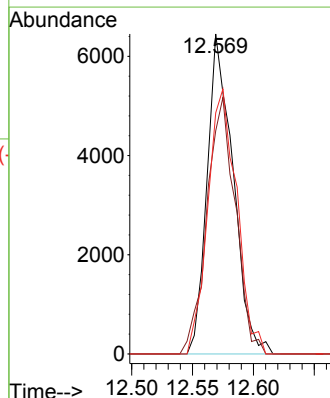
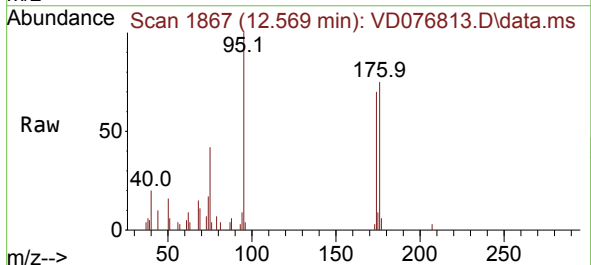
Instrument :
MSVOA_D
ClientSampleId :

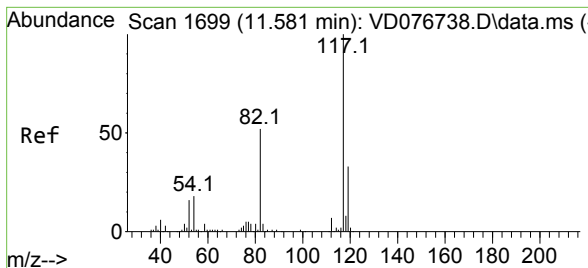
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion: 95 Resp: 9552
Ion Ratio Lower Upper
95 100
174 87.9 0.0 201.8
176 92.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076813.D

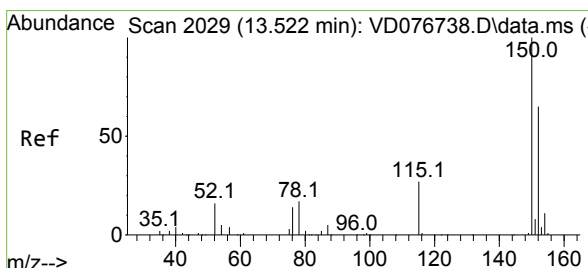
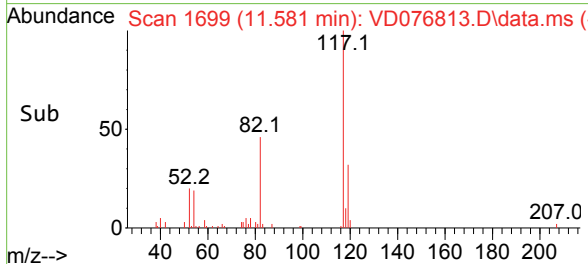
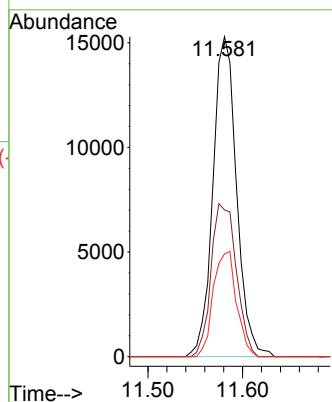
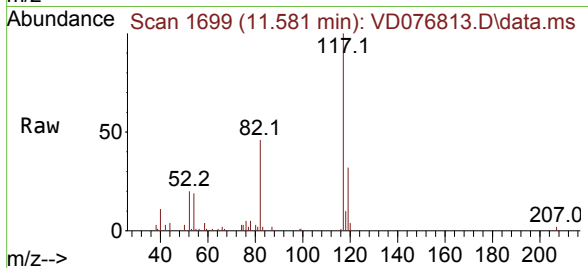
Acq: 26 Jul 2023 18:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:117	Resp:	26546
Ion Ratio	Lower	Upper
117	100	
82	45.9	38.3 57.5
119	32.1	25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

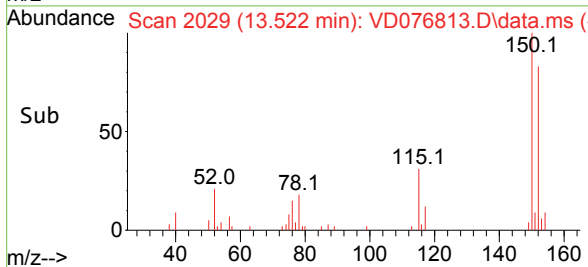
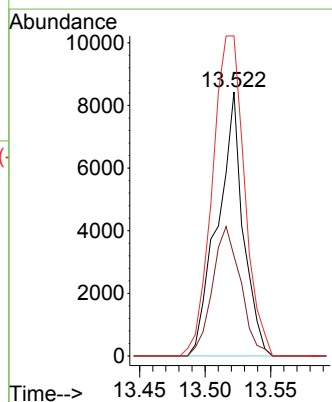
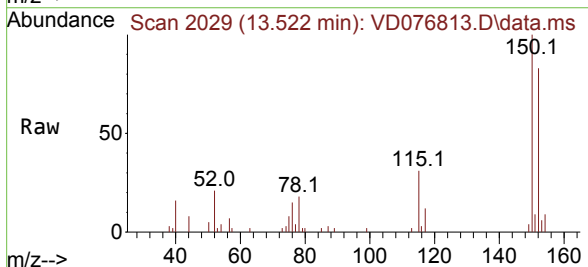
RT: 13.522 min Scan# 2029

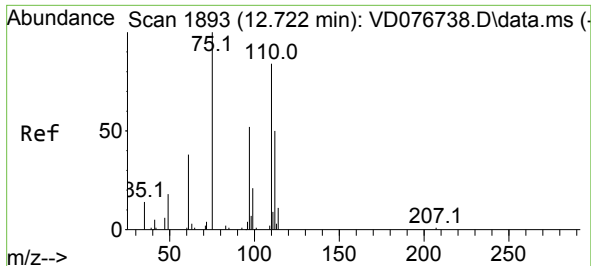
Delta R.T. -0.000 min

Lab File: VD076813.D

Acq: 26 Jul 2023 18:40

Tgt Ion:152	Resp:	11428
Ion Ratio	Lower	Upper
152	100	
115	54.2	27.1 81.3
150	152.5	0.0 353.6

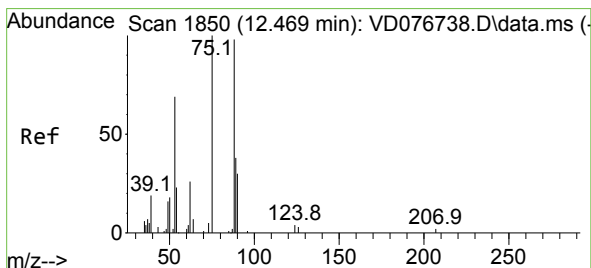
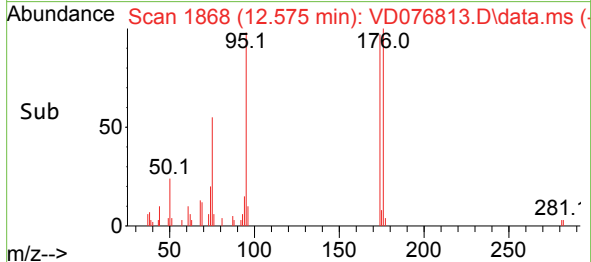
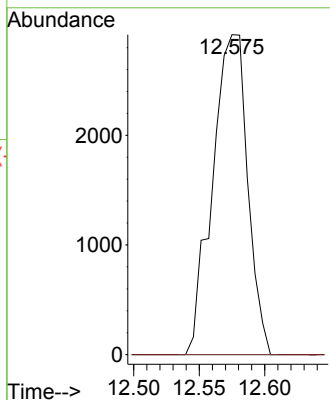
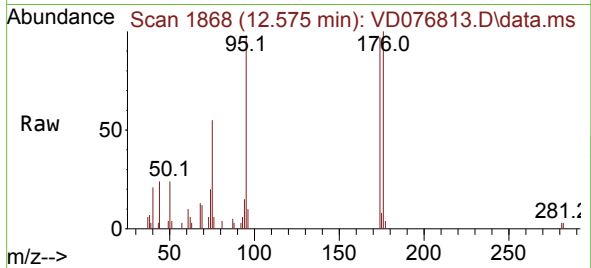




#76
1,2,3-Trichloropropane
Concen: 50.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 5467
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 107.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076813.D
Acq: 26 Jul 2023 18:40

Tgt Ion: 75 Resp: 5467
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

