

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074896.D
 Acq On : 11 Nov 2022 17:28
 Operator : VA/SY
 Sample : N5531-15RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27RE

Quant Time: Nov 14 00:56:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

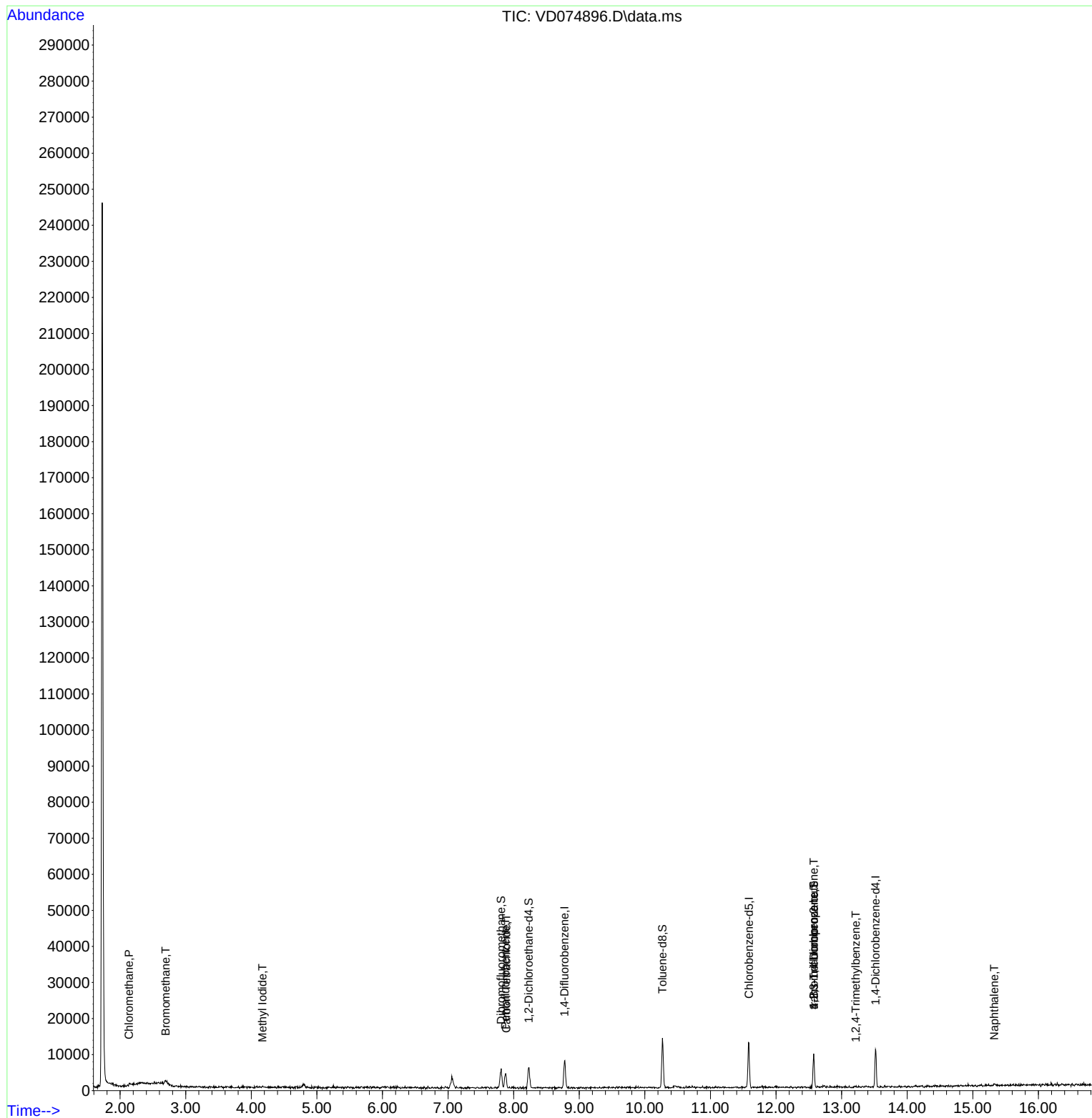
Internal Standards						
1) Pentafluorobenzene	7.875	168	4443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	8905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	8635	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4963	183.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 367.980%#	
35) Dibromofluoromethane	7.810	113	3852	70.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.340%	
50) Toluene-d8	10.269	98	10921	60.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.800%	
62) 4-Bromofluorobenzene	12.575	95	3348	60.298	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.134	50	408	5.427	ug/l #	37
5) Bromomethane	2.693	94	816	16.786	ug/l	96
10) Methyl Iodide	4.169	142	339	10.462	ug/l #	43
20) Methylene Chloride	4.799	84	730	Below Cal	#	59
38) Carbon Tetrachloride	7.887	117	135	1.778	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	1528	50.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	1528	124.838	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.216	105	209	1.024	ug/l #	31
95) Naphthalene	15.328	128	499	4.306	ug/l #	69

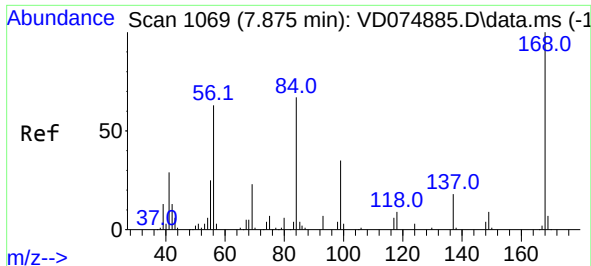
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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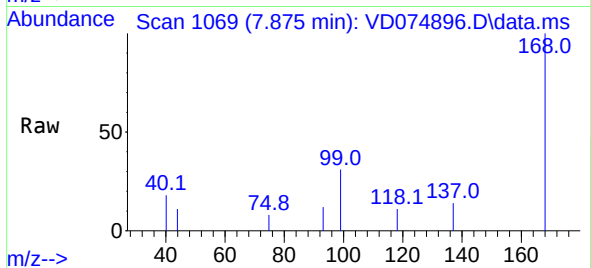
Quant Time: Nov 14 00:56:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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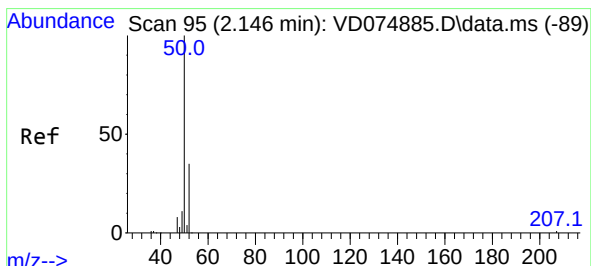
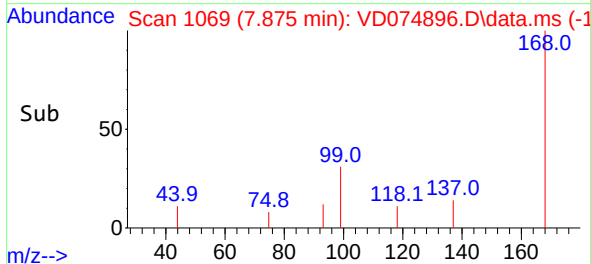
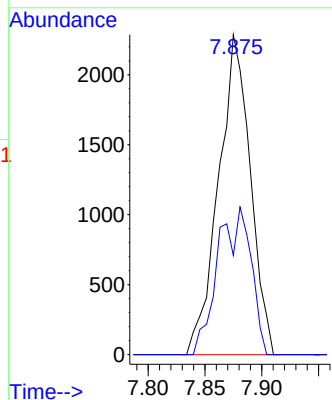


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :
SB-27RE

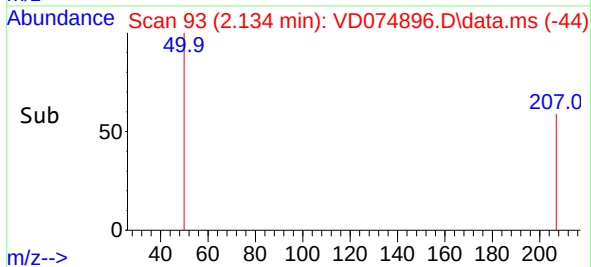
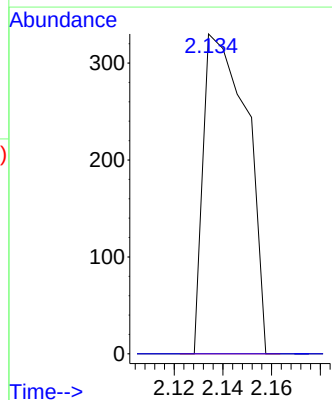
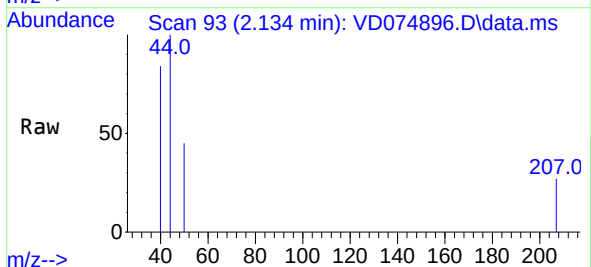


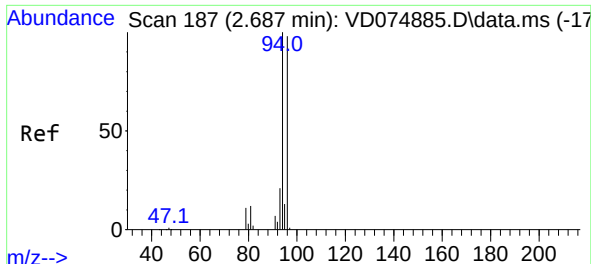
Tgt Ion:168 Resp: 4443
Ion Ratio Lower Upper
168 100
99 31.0 40.9 61.3#



#3
Chloromethane
Concen: 5.427 ug/l
RT: 2.134 min Scan# 93
Delta R.T. -0.012 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

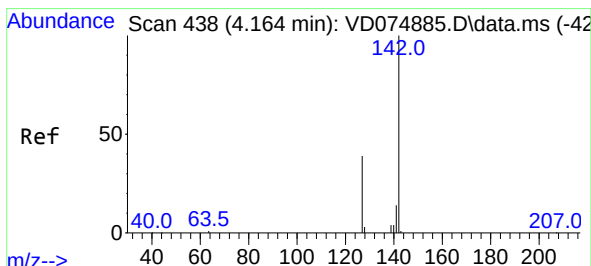
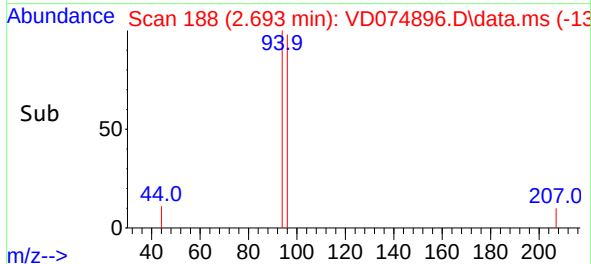
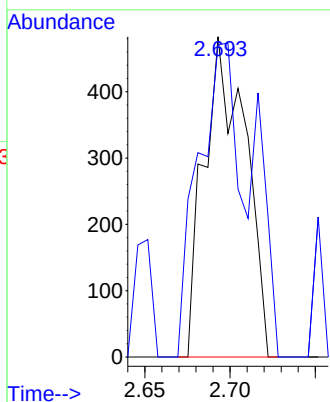
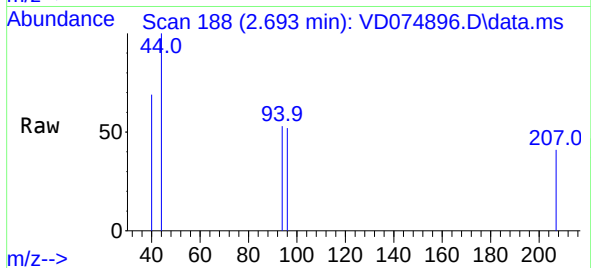




#5
Bromomethane
Concen: 16.786 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

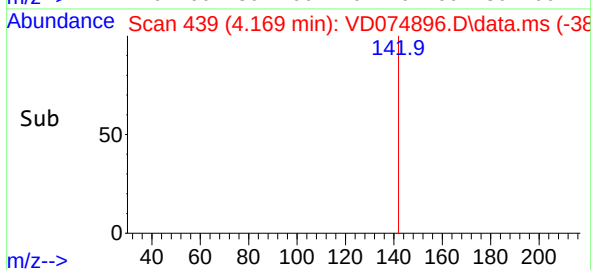
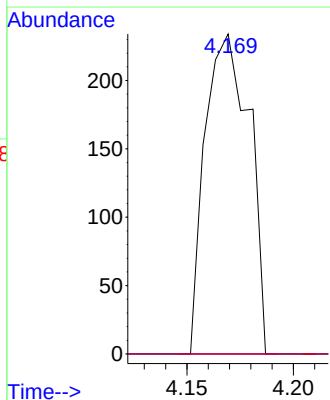
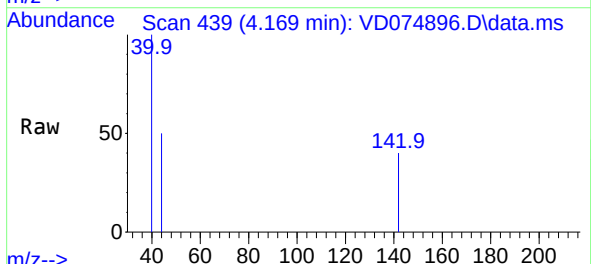
Instrument :
MSVOA_D
ClientSampleId :
SB-27RE

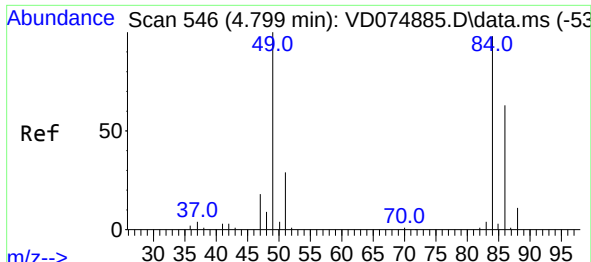
Tgt Ion: 94 Resp: 816
Ion Ratio Lower Upper
94 100
96 97.5 74.6 112.0



#10
Methyl Iodide
Concen: 10.462 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

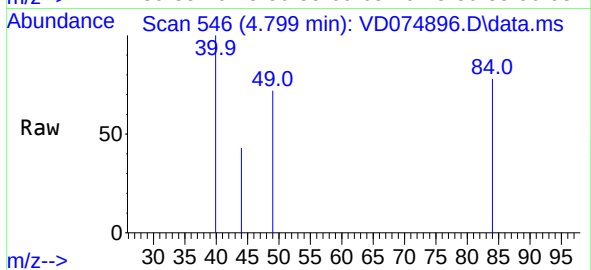
Tgt Ion: 142 Resp: 339
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





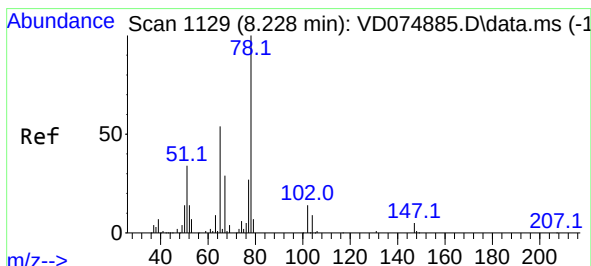
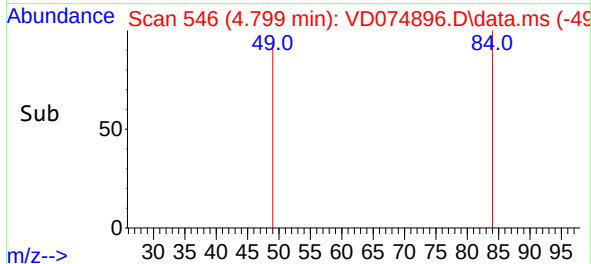
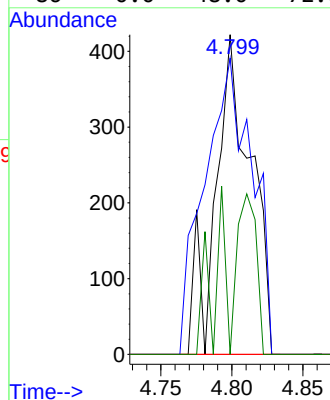
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :
SB-27RE



Tgt Ion: 84 Resp: 730

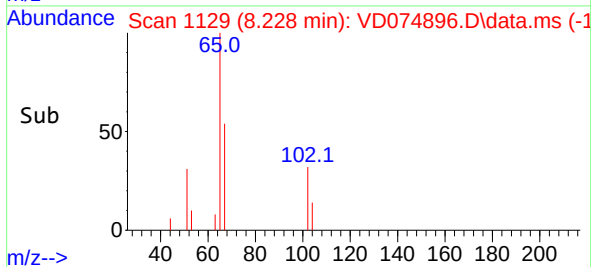
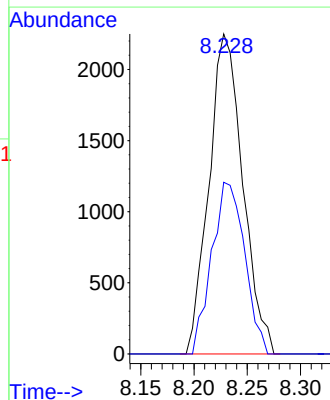
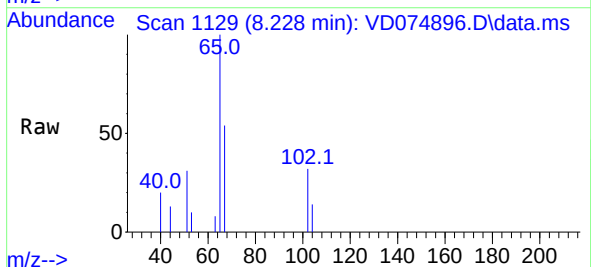
Ion	Ratio	Lower	Upper
84	100		
49	92.7	68.0	102.0
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#

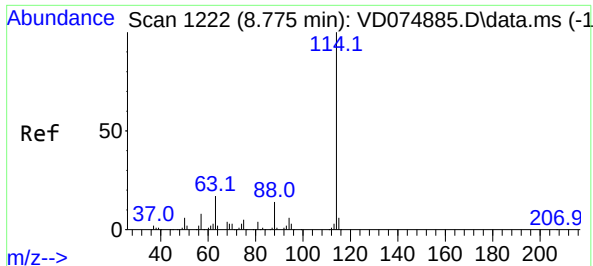


#33
1,2-Dichloroethane-d4
Concen: 183.988 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Tgt Ion: 65 Resp: 4963

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074896.D

Acq: 11 Nov 2022 17:28

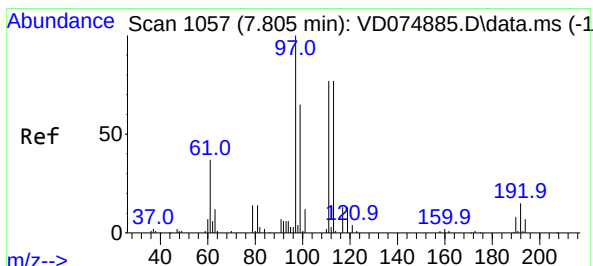
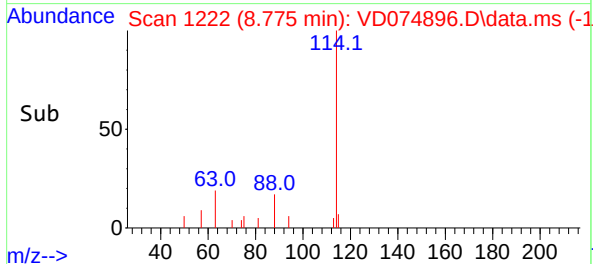
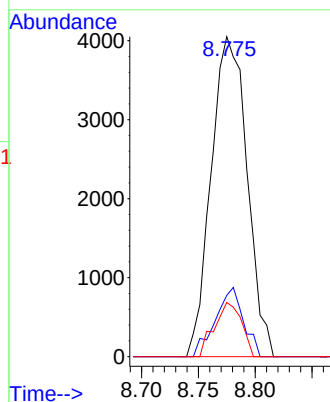
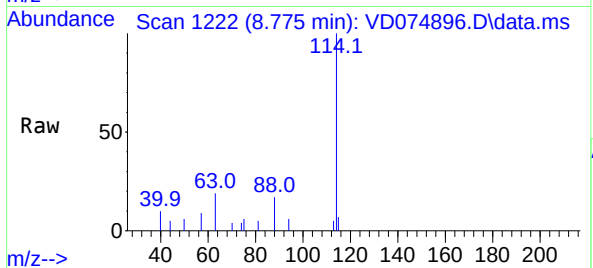
Instrument :

MSVOA_D

ClientSampleId :

SB-27RE

Tgt Ion:114	Resp:	8905
Ion	Ratio	Lower Upper
114	100	
63	19.1	0.0 33.2
88	17.0	0.0 28.2



#35

Dibromofluoromethane

Concen: 70.173 ug/l

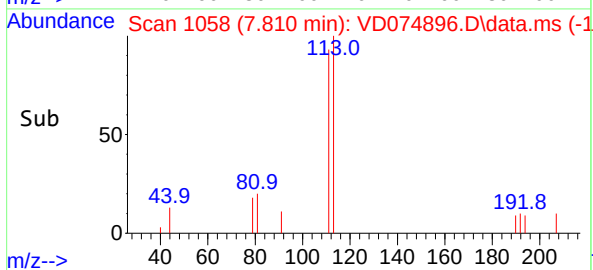
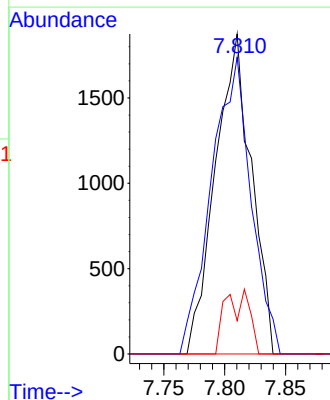
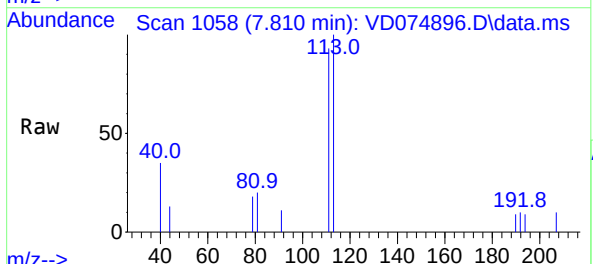
RT: 7.810 min Scan# 1058

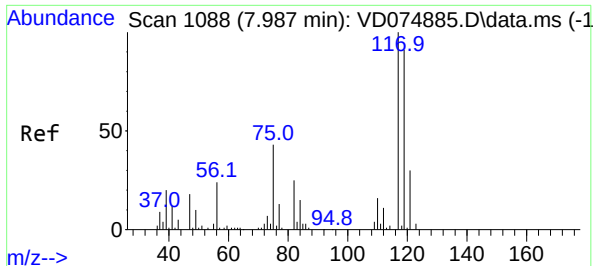
Delta R.T. 0.005 min

Lab File: VD074896.D

Acq: 11 Nov 2022 17:28

Tgt Ion:113	Resp:	3852
Ion	Ratio	Lower Upper
113	100	
111	102.2	82.3 123.5
192	13.3	16.4 24.6





#38

Carbon Tetrachloride

Concen: 1.778 ug/l

RT: 7.887 min Scan# 1088

Delta R.T. -0.100 min

Lab File: VD074896.D

Acq: 11 Nov 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

SB-27RE

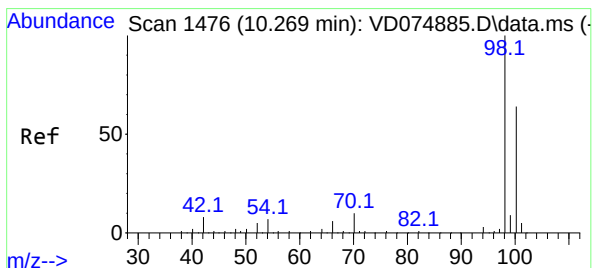
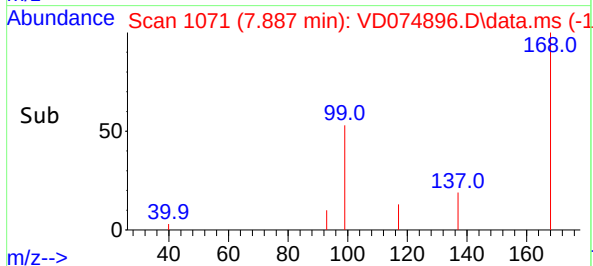
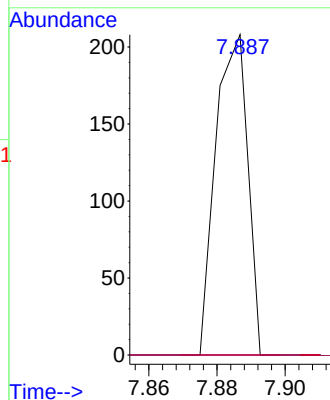
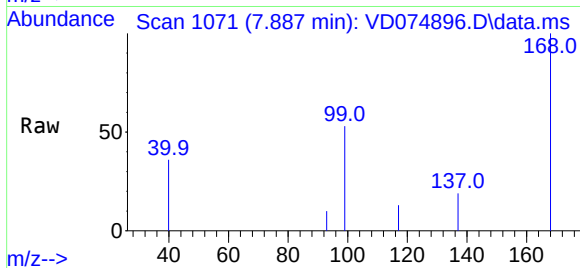
Tgt Ion:117 Resp: 135

Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 60.397 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074896.D

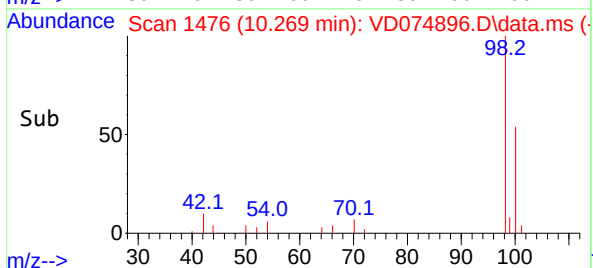
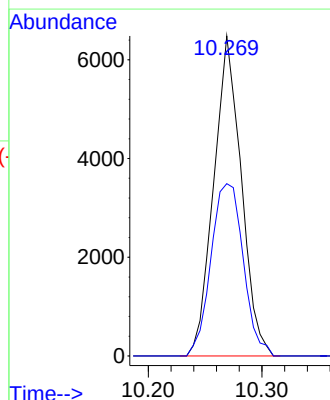
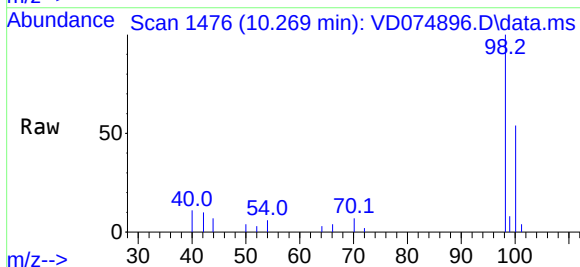
Acq: 11 Nov 2022 17:28

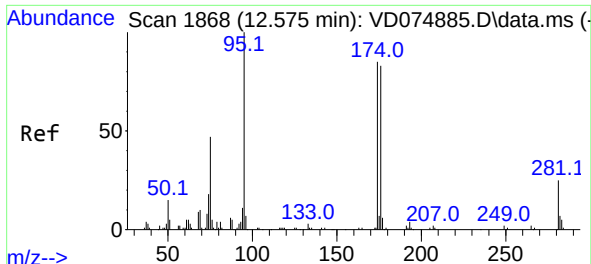
Tgt Ion: 98 Resp: 10921

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



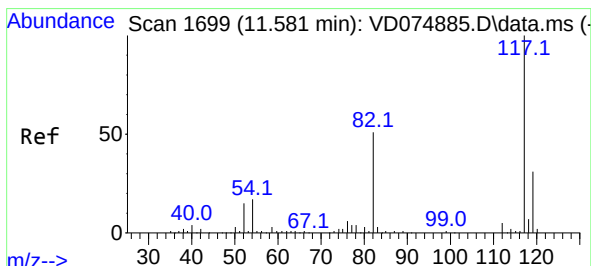
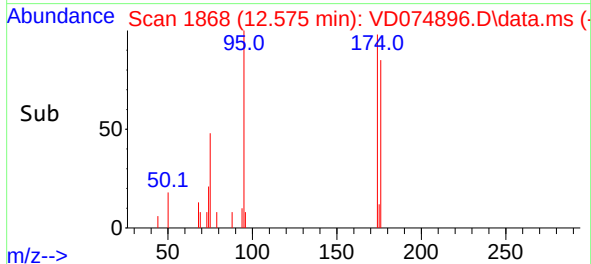
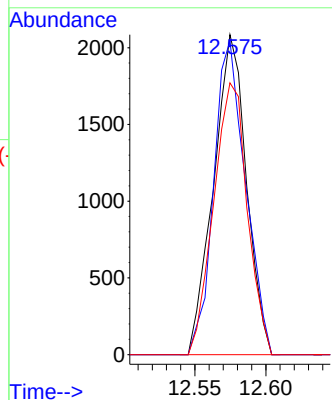
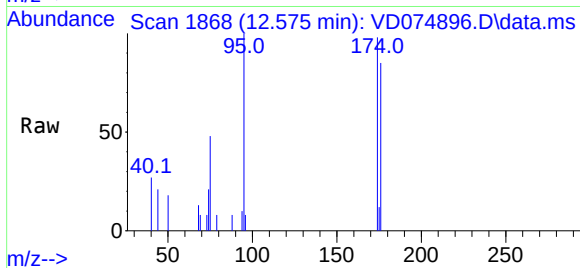


#62
4-Bromofluorobenzene
Concen: 60.298 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :
SB-27RE

Tgt Ion: 95 Resp: 3348

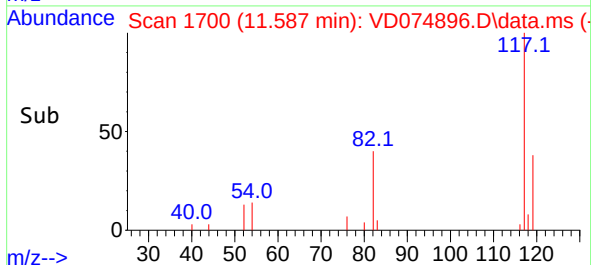
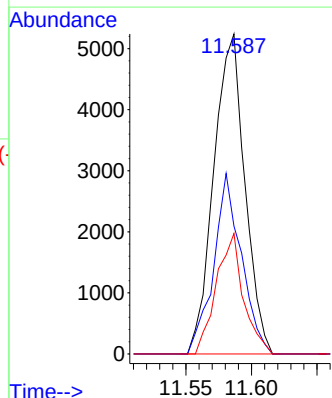
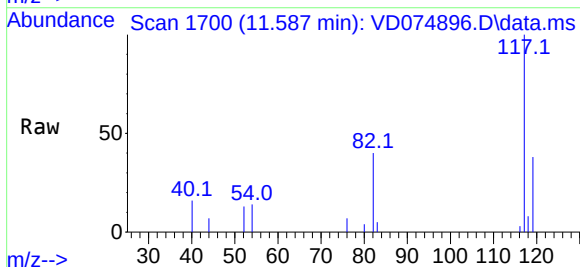
Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	197.0
176	87.1	0.0	182.6

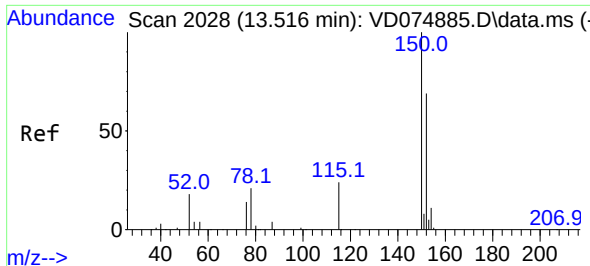


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Tgt Ion: 117 Resp: 8635

Ion	Ratio	Lower	Upper
117	100		
82	40.0	41.6	62.4
119	37.6	25.2	37.8

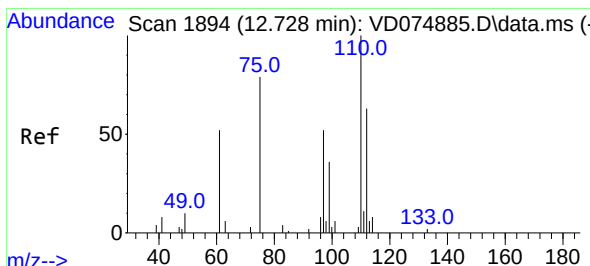
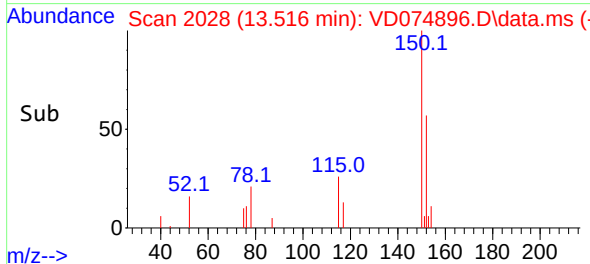
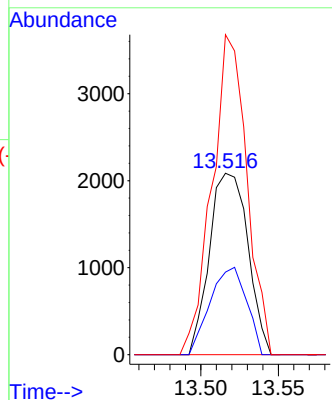
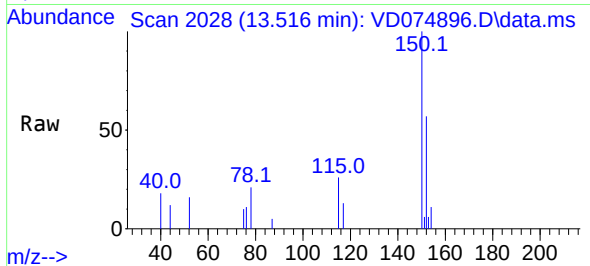




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD074896.D
 Acq: 11 Nov 2022 17:28

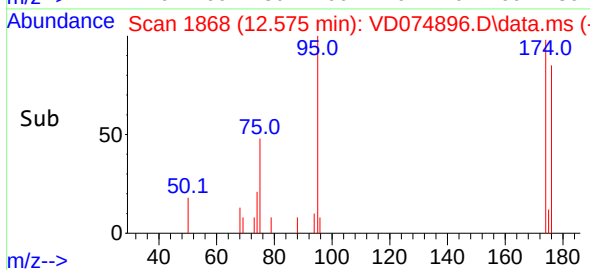
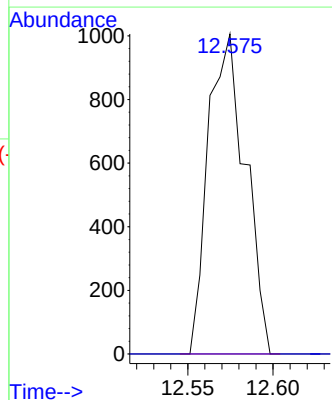
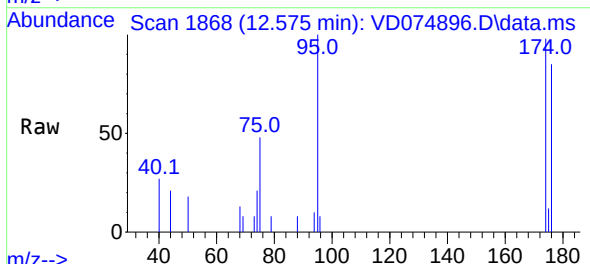
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-27RE

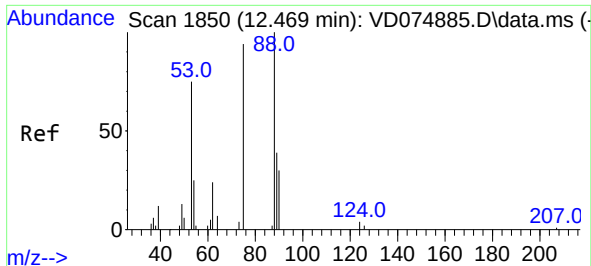
Tgt Ion:152 Resp: 3600
 Ion Ratio Lower Upper
 152 100
 115 45.7 26.8 80.4
 150 159.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 50.747 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD074896.D
 Acq: 11 Nov 2022 17:28

Tgt Ion: 75 Resp: 1528
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

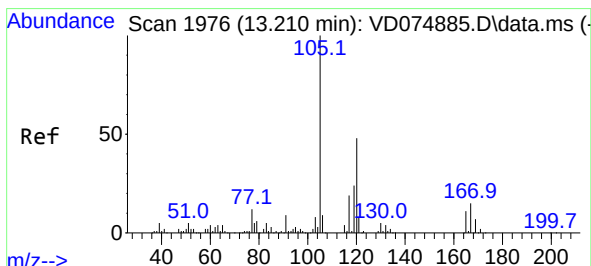
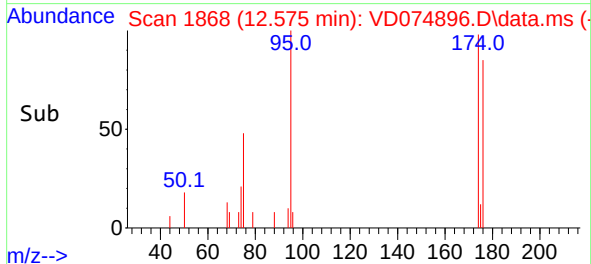
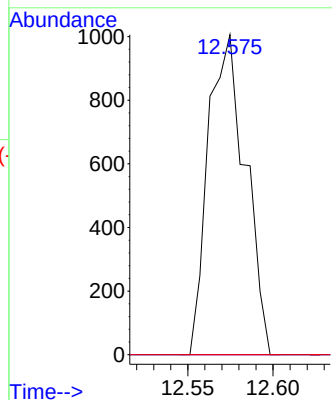
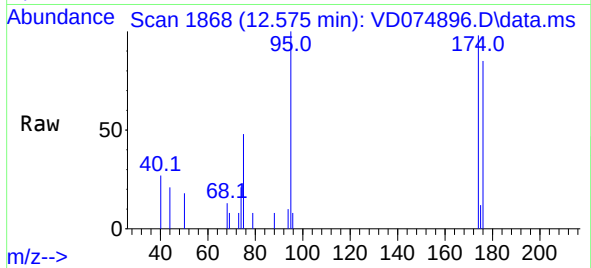




#81
trans-1,4-Dichloro-2-butene
Concen: 124.838 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

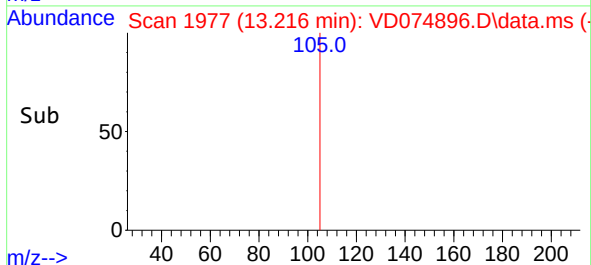
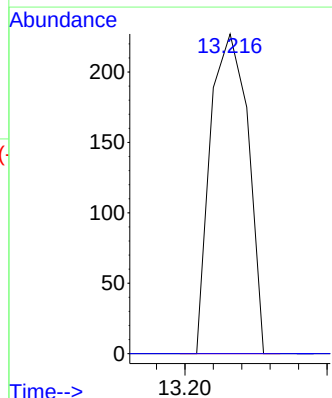
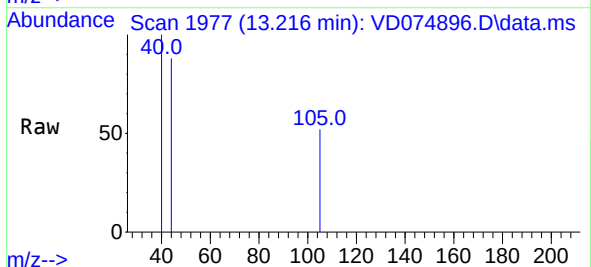
Instrument :
MSVOA_D
ClientSampleId :
SB-27RE

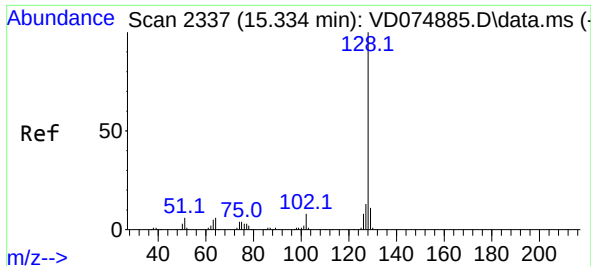
Tgt Ion: 75 Resp: 1528
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.024 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

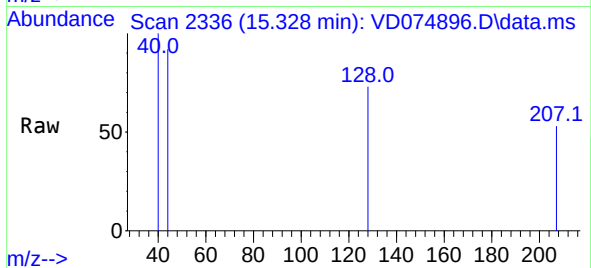
Tgt Ion: 105 Resp: 209
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#





#95
Naphthalene
Concen: 4.306 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074896.D
Acq: 11 Nov 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :
SB-27RE



Tgt Ion:128 Resp: 499
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

