

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074934.D
 Acq On : 14 Nov 2022 15:01
 Operator : VA/SY
 Sample : N5607-09RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39

Quant Time: Nov 15 00:16:46 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	7.881	168	22950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	42744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	46745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19544	138.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	277.340%#
35) Dibromofluoromethane	7.816	113	17578	66.713	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.420%
50) Toluene-d8	10.269	98	49658	57.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.420%
62) 4-Bromofluorobenzene	12.575	95	16798	63.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.060%

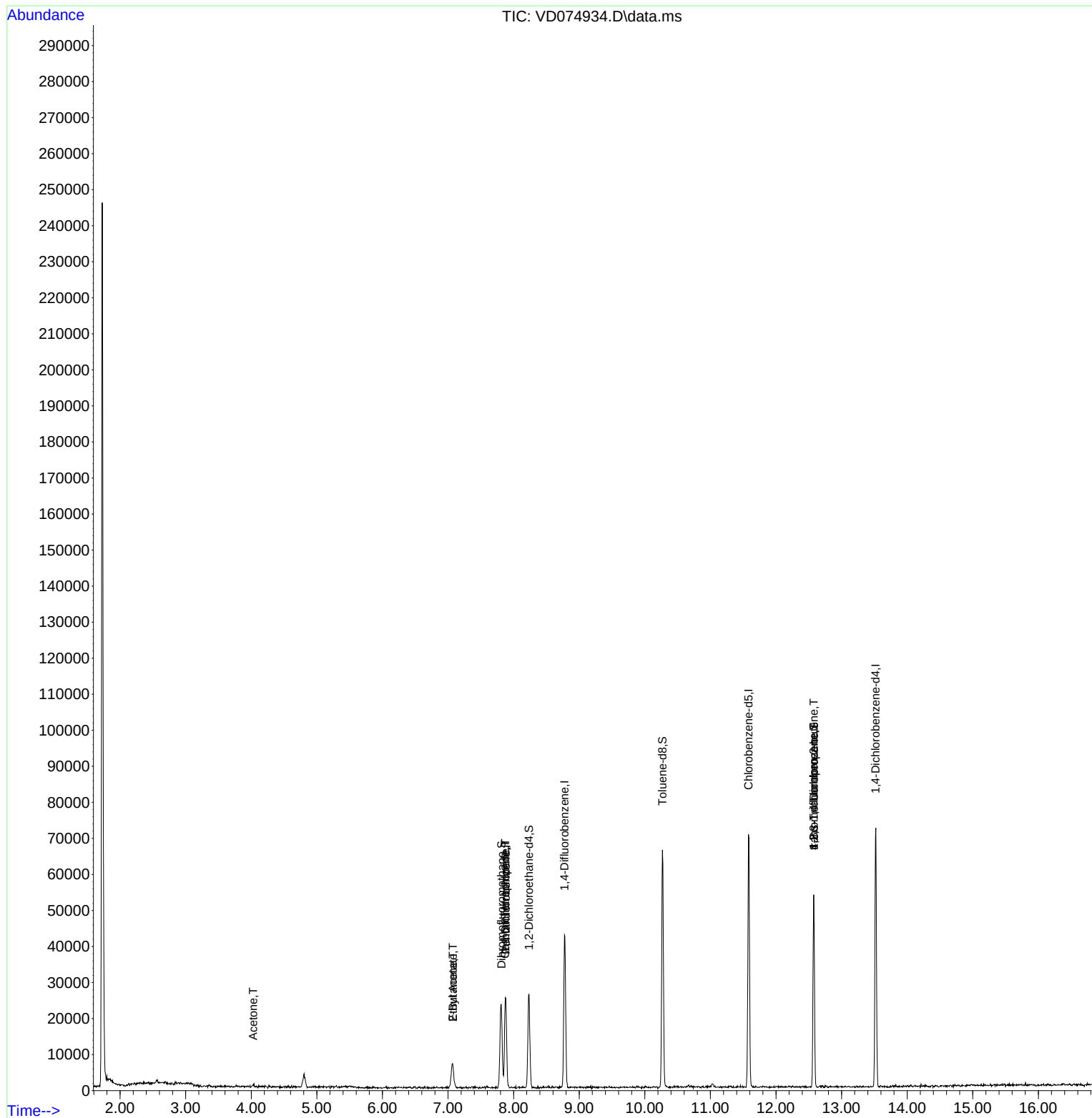
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.152	50	68	Below Cal	#	37
5) Bromomethane	2.693	94	213	Below Cal	#	32
16) Acetone	4.028	43	784	20.693	ug/l #	70
20) Methylene Chloride	4.799	84	2914	Below Cal		95
25) 2-Butanone	7.075	43	133	2.685	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	1529	3.948	ug/l #	39
37) Ethyl Acetate	7.075	43	133	1.024	ug/l #	1
38) Carbon Tetrachloride	7.869	117	1963	5.385	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	8388	46.528	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	8388	114.461	ug/l #	17

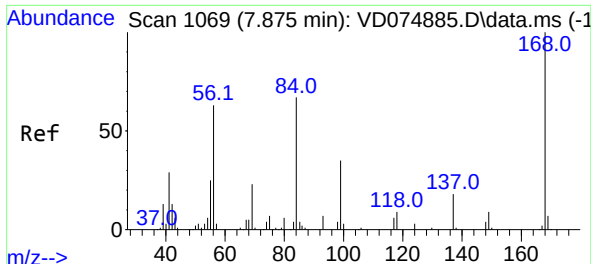
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

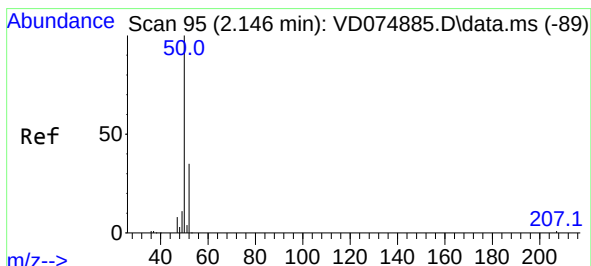
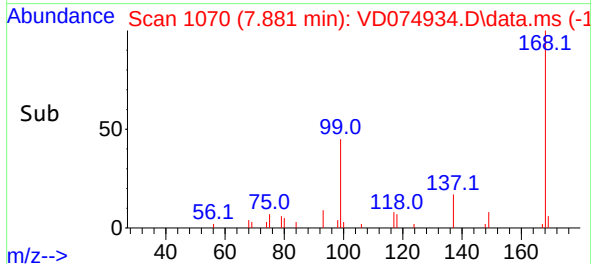
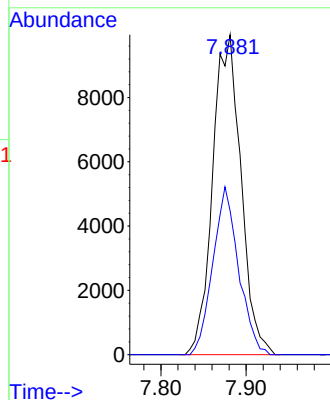
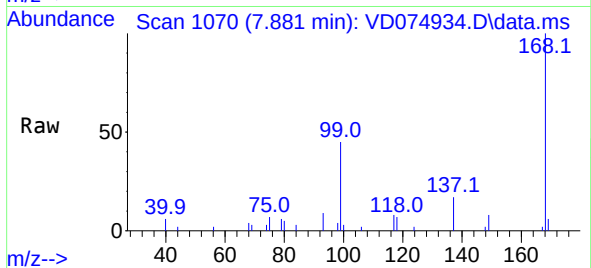




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

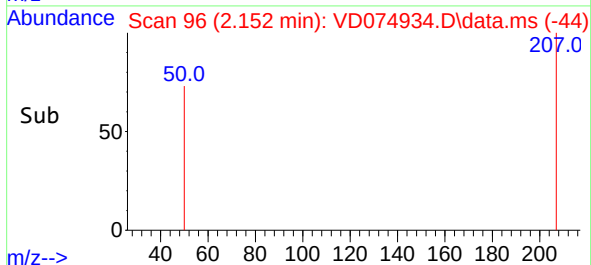
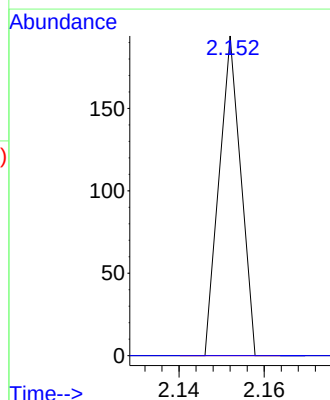
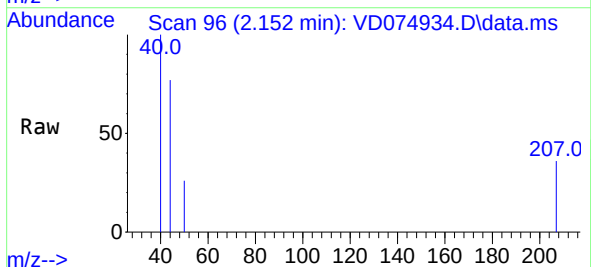
Instrument :
MSVOA_D
ClientSampleId :
SB-39

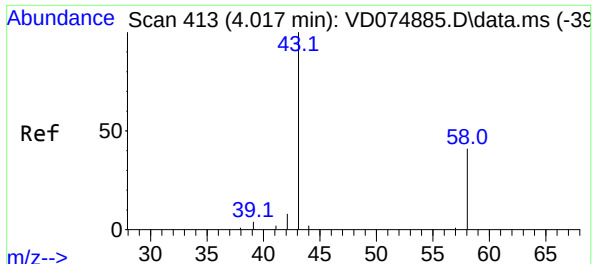
Tgt Ion:168 Resp: 22950
Ion Ratio Lower Upper
168 100
99 44.9 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

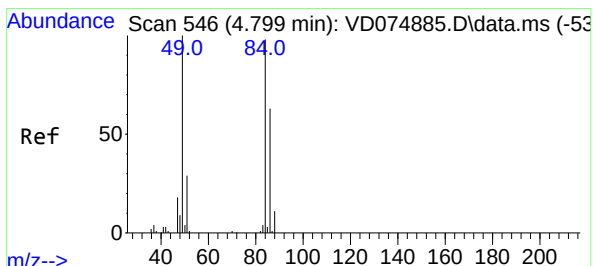
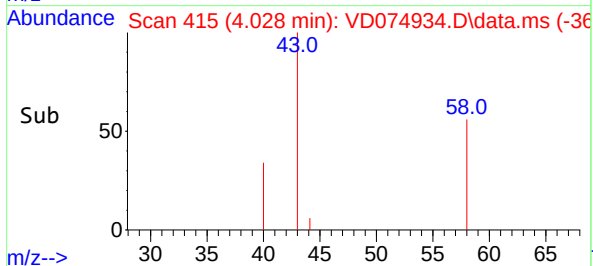
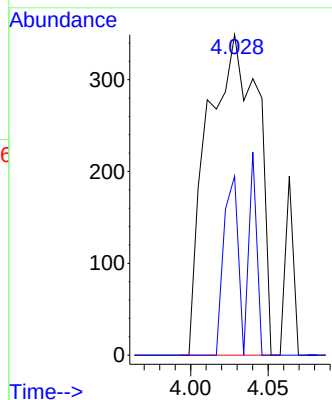
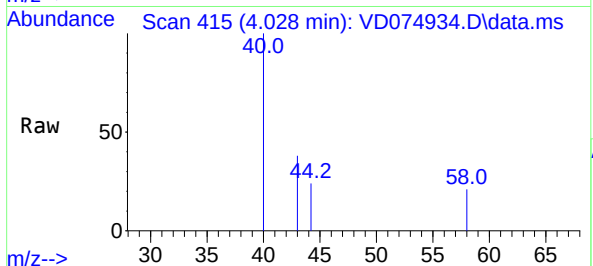




#16
Acetone
Concen: 20.693 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.011 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

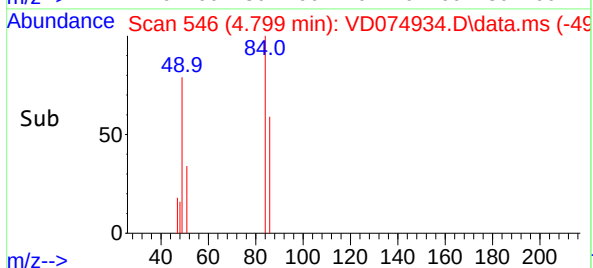
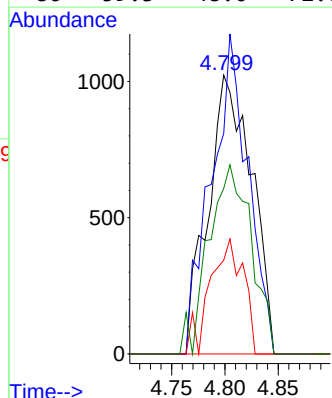
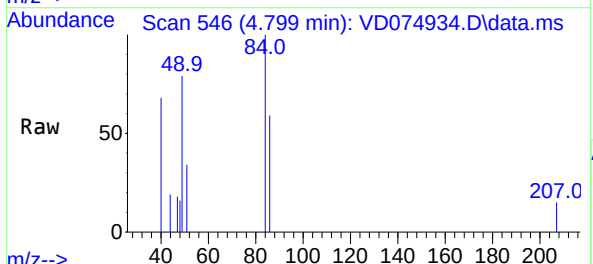
Instrument :
MSVOA_D
ClientSampleId :
SB-39

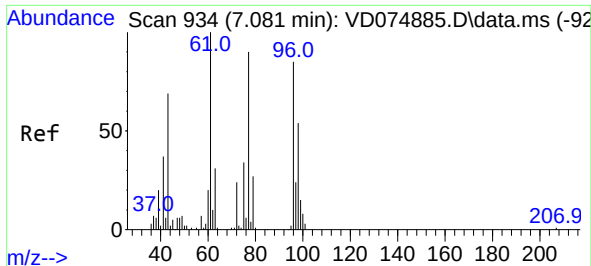
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 55.9 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 84 Resp: 2914
Ion Ratio Lower Upper
84 100
49 79.1 68.0 102.0
51 33.6 23.2 34.8
86 59.3 48.0 72.0





#25

2-Butanone

Concen: 2.685 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074934.D

Acq: 14 Nov 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

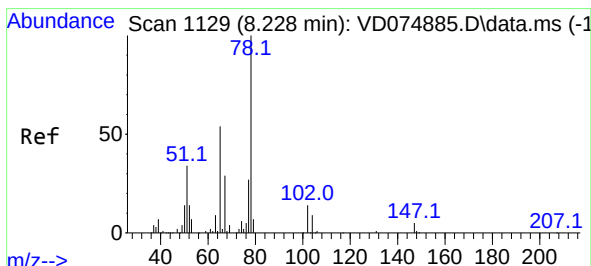
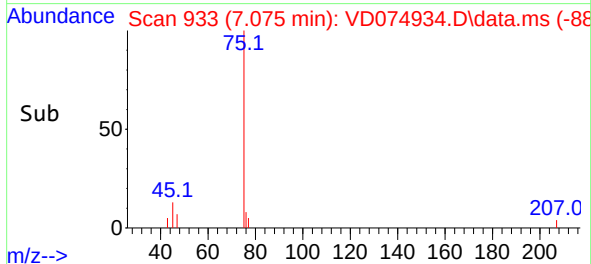
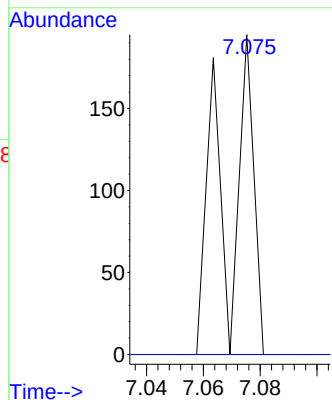
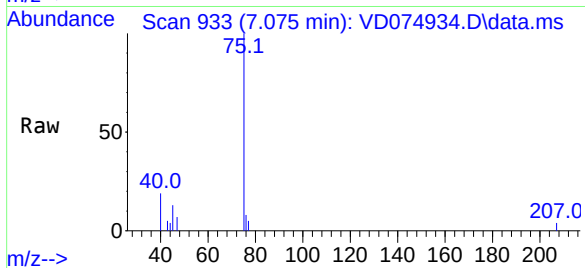
SB-39

Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#33

1,2-Dichloroethane-d4

Concen: 138.669 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074934.D

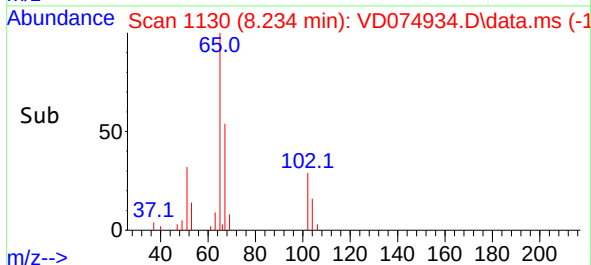
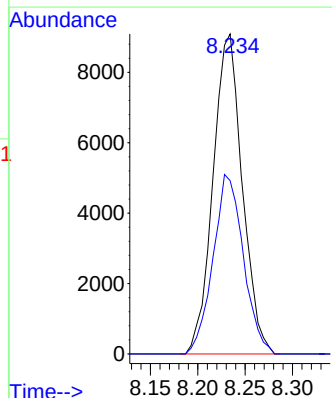
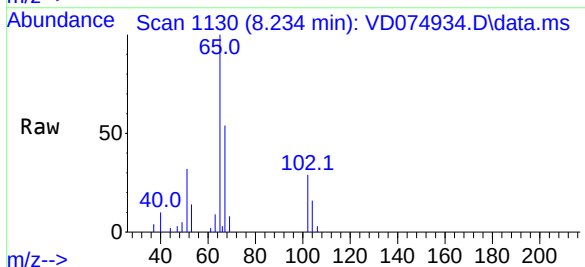
Acq: 14 Nov 2022 15:01

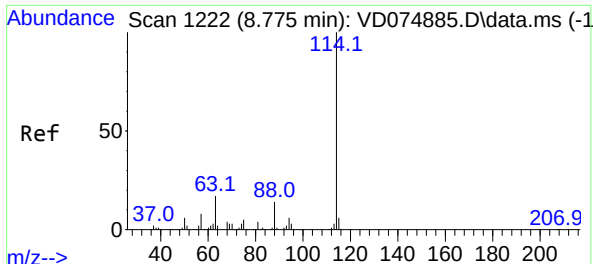
Tgt Ion: 65 Resp: 19544

Ion Ratio Lower Upper

65 100

67 58.0 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: VD074934.D

Acq: 14 Nov 2022 15:01

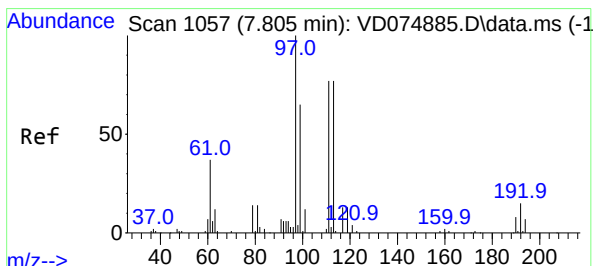
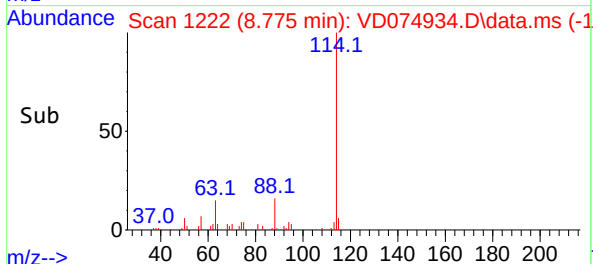
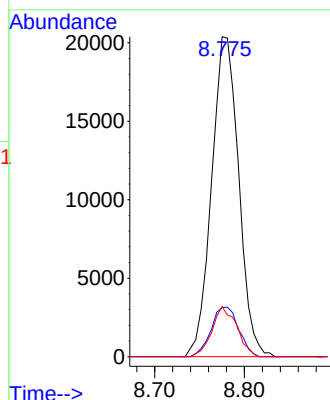
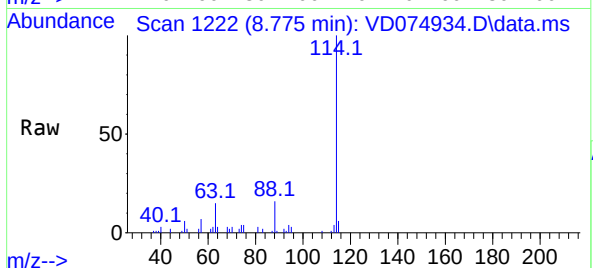
Instrument :

MSVOA_D

ClientSampleId :

SB-39

Tgt Ion:114	Resp:	42744
Ion	Ratio	Lower Upper
114	100	
63	15.3	0.0 33.2
88	15.6	0.0 28.2



#35

Dibromofluoromethane

Concen: 66.713 ug/l

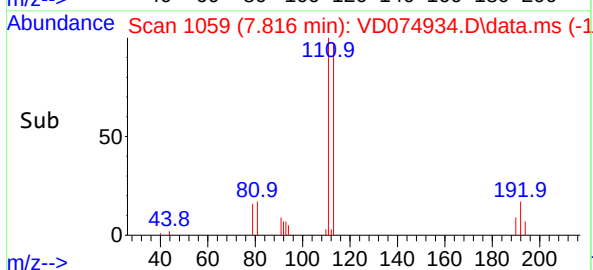
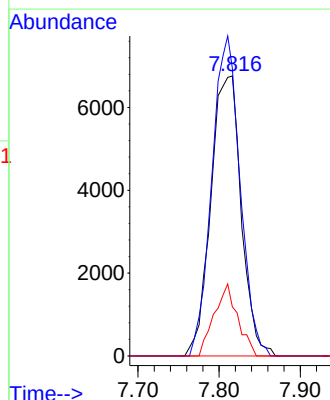
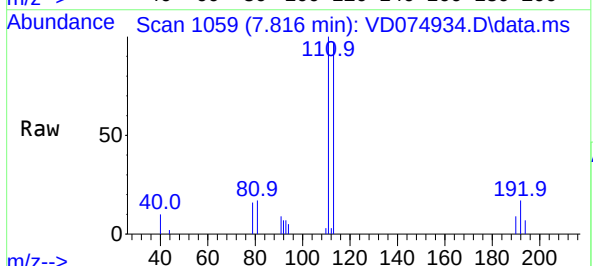
RT: 7.816 min Scan# 1059

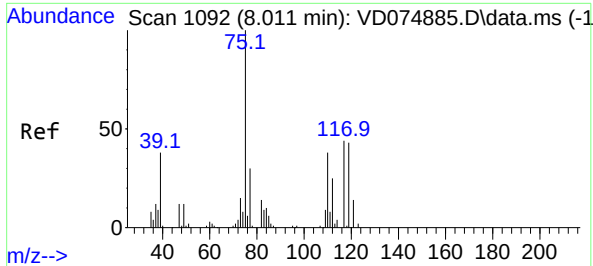
Delta R.T. 0.011 min

Lab File: VD074934.D

Acq: 14 Nov 2022 15:01

Tgt Ion:113	Resp:	17578
Ion	Ratio	Lower Upper
113	100	
111	106.1	82.3 123.5
192	19.8	16.4 24.6

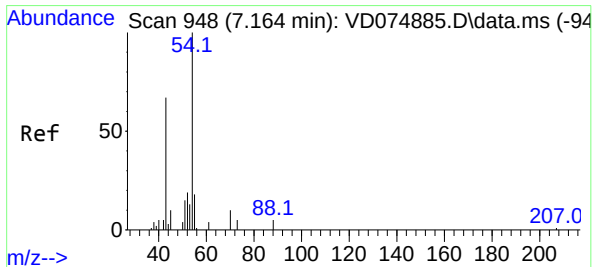
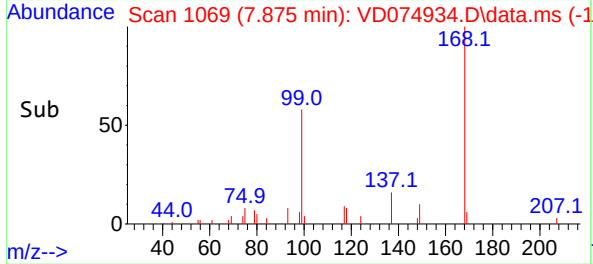
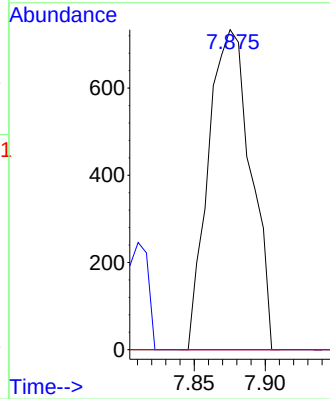
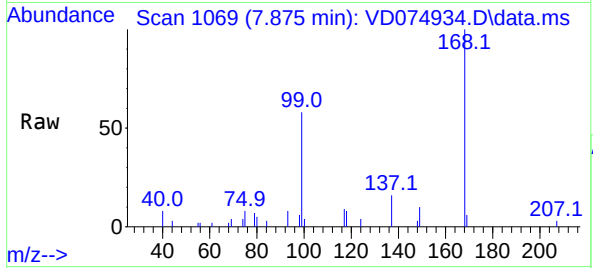




#36
1,1-Dichloropropene
Concen: 3.948 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

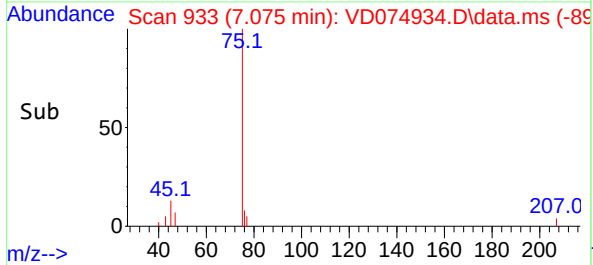
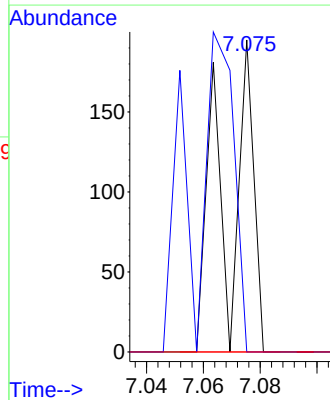
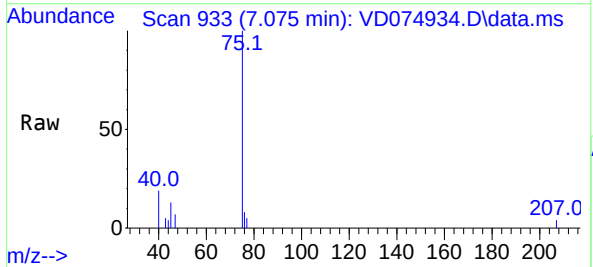
Instrument :
MSVOA_D
ClientSampleId :
SB-39

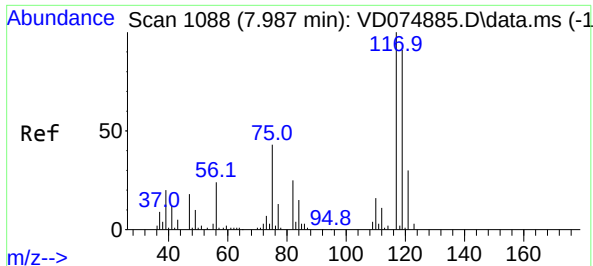
Tgt Ion: 75 Resp: 1529
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.024 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.089 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
61 146.6 12.2 18.4#
70 0.0 9.6 14.4#

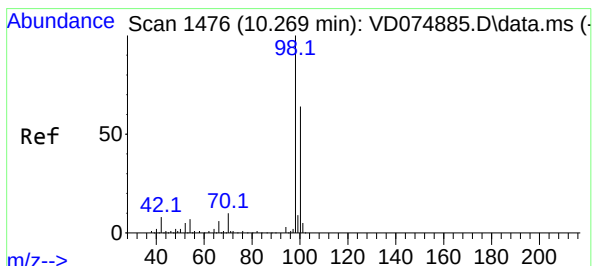
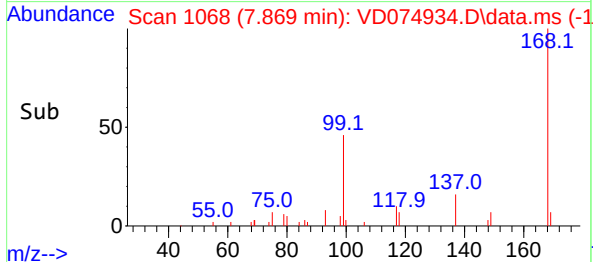
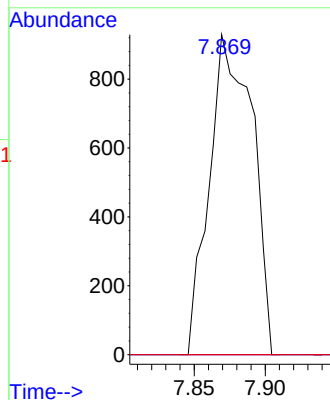
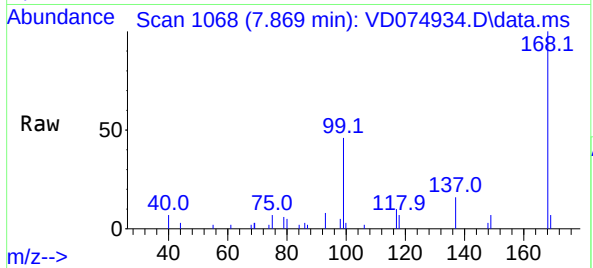




#38
Carbon Tetrachloride
Concen: 5.385 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

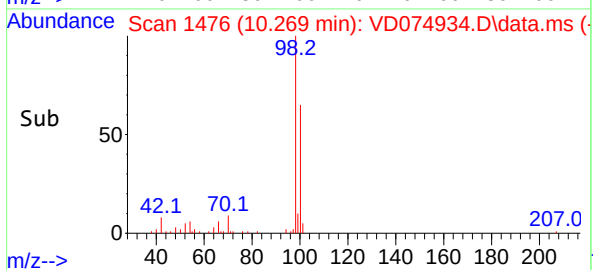
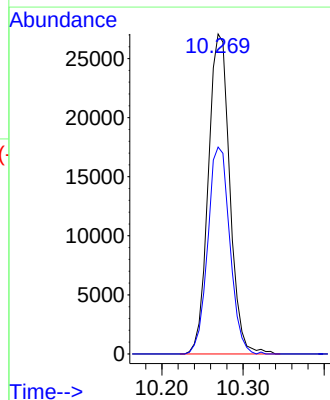
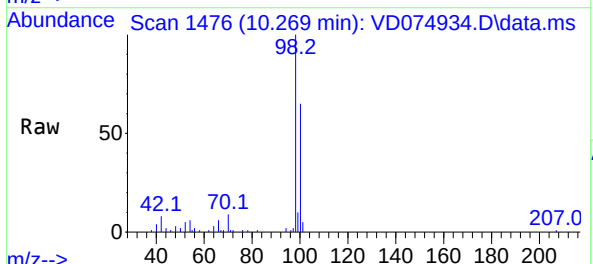
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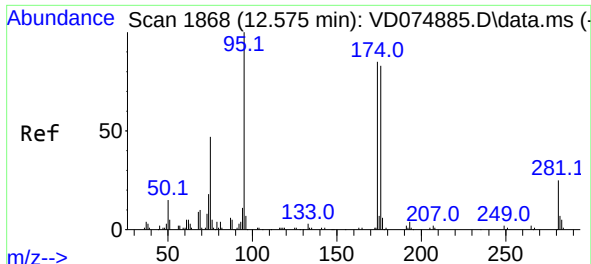
Tgt Ion:117 Resp: 1963
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.214 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 98 Resp: 49658
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0

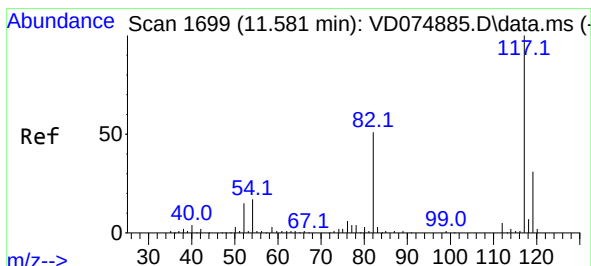
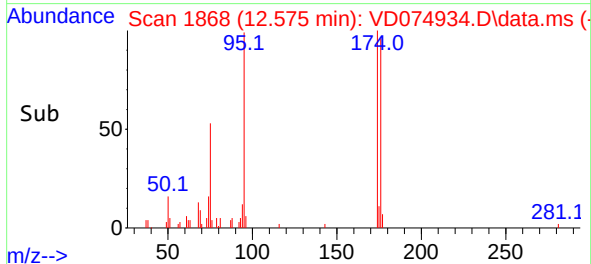
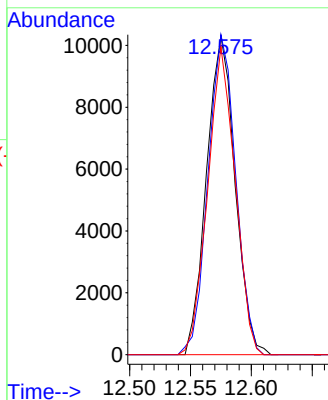
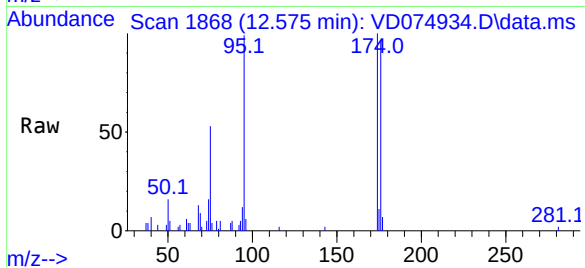




#62
4-Bromofluorobenzene
Concen: 63.028 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

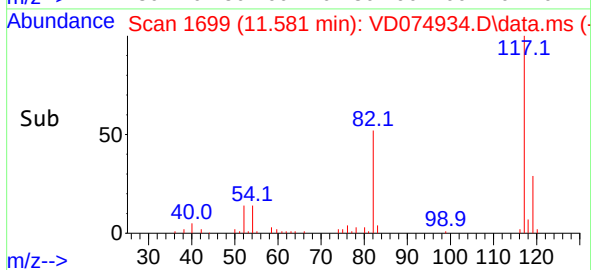
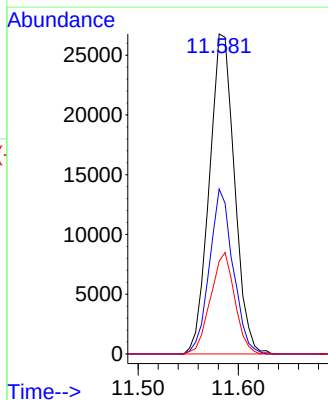
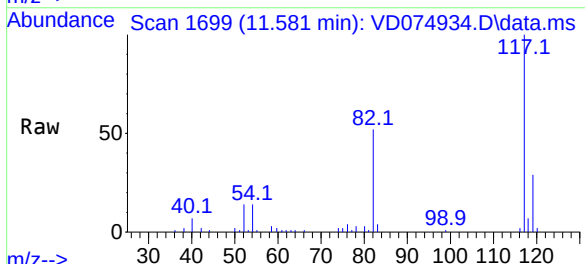
Instrument :
MSVOA_D
ClientSampleId :
SB-39

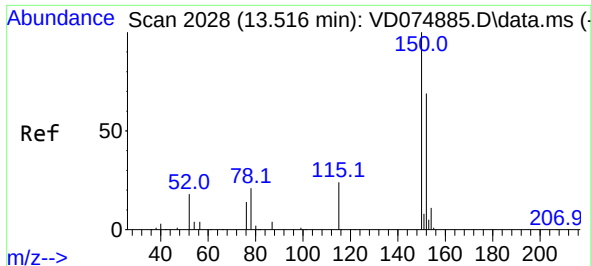
Tgt Ion:	95	Resp:	16798
Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	197.0
176	92.8	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion:	117	Resp:	46745
Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.6	62.4
119	29.0	25.2	37.8

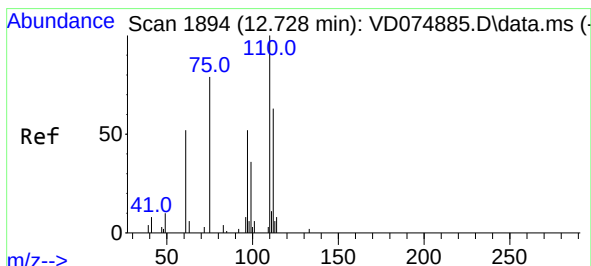
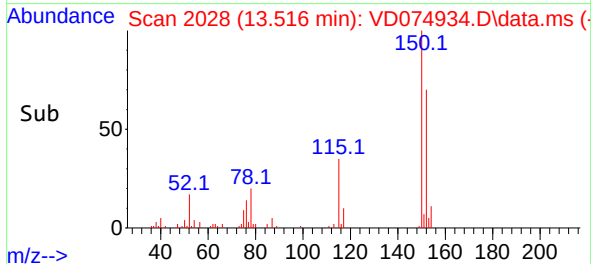
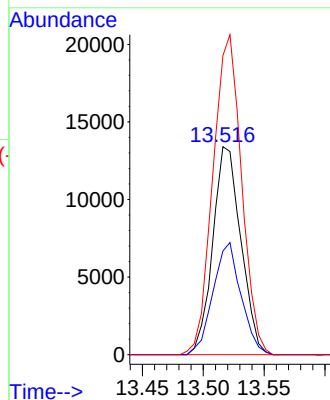
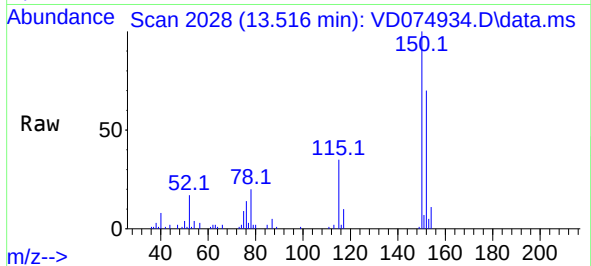




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

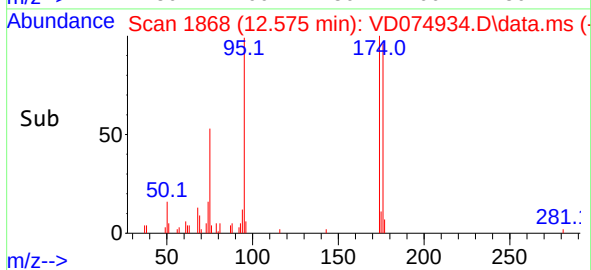
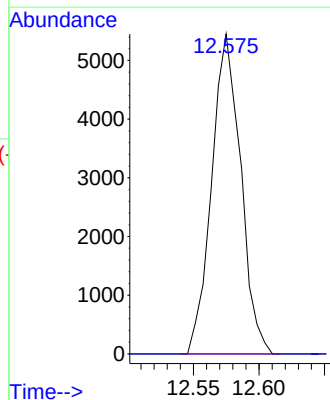
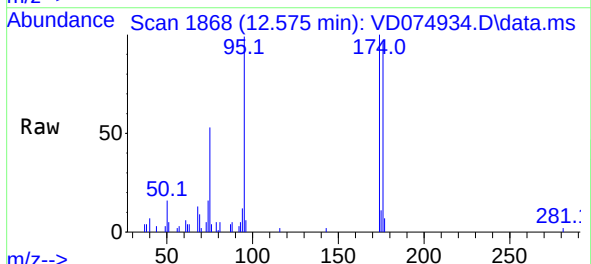
Instrument :
MSVOA_D
ClientSampleId :
SB-39

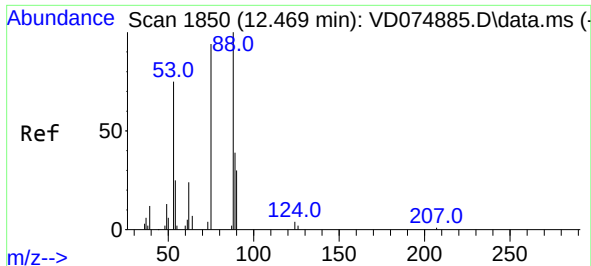
Tgt Ion:152 Resp: 21554
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 156.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 46.528 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 75 Resp: 8388
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.461 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074934.D
 Acq: 14 Nov 2022 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39

Tgt Ion: 75 Resp: 8388
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

