

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074365.D
 Acq On : 20 Sep 2022 14:50
 Operator : VA/SY
 Sample : N4541-11
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22001-18

Quant Time: Sep 21 02:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

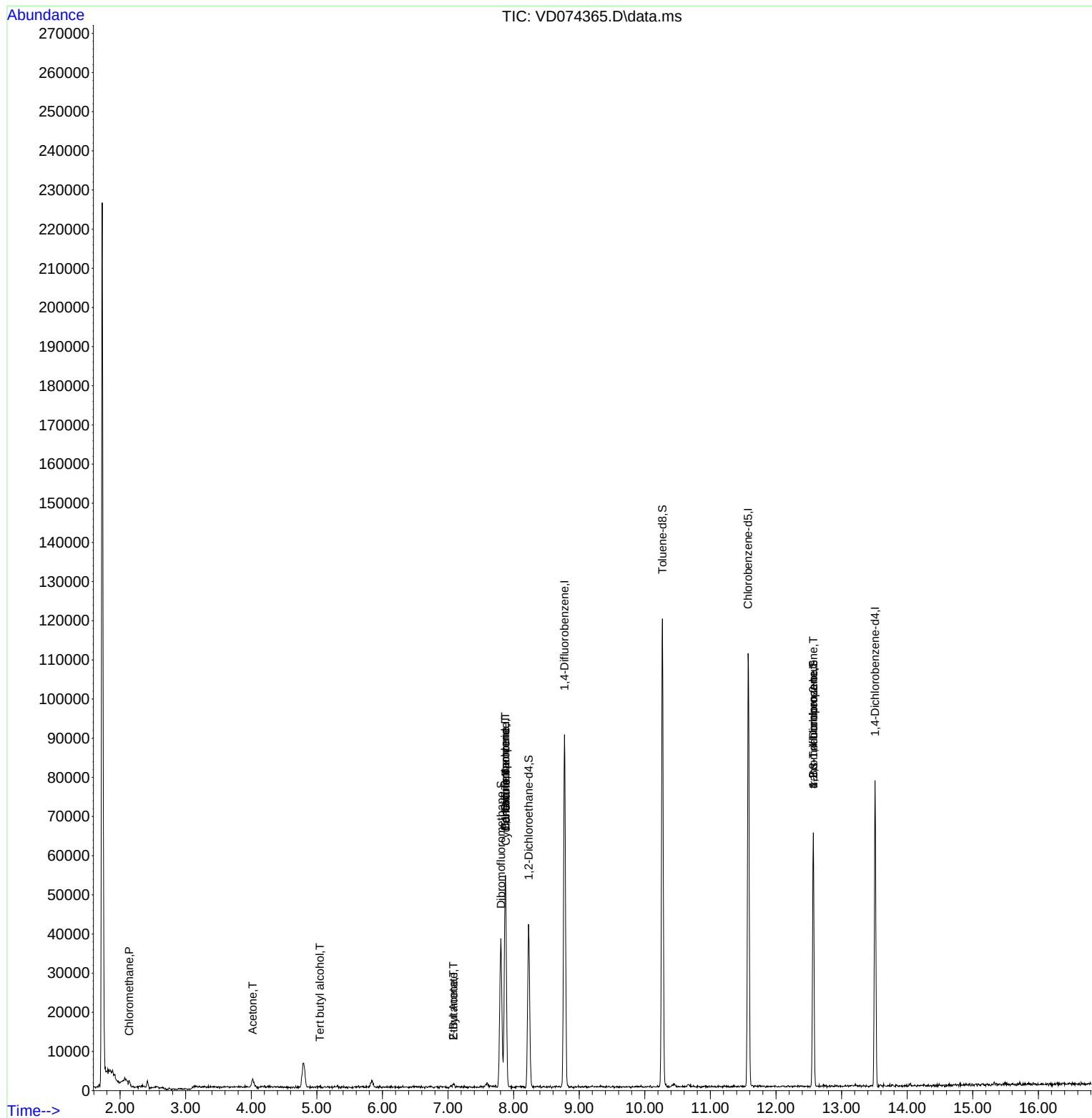
Internal Standards						
1) Pentafluorobenzene	7.875	168	42763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	79772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	65075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	19728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32486	77.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.980%
35) Dibromofluoromethane	7.810	113	26690	50.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.269	98	84900	46.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.569	95	19392	29.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	912	2.434	ug/l #	80
11) Tert butyl alcohol	5.046	59	245	8.704	ug/l #	74
16) Acetone	4.022	43	3639	38.779	ug/l	93
18) Methyl Acetate	4.552	43	64	Below Cal	#	51
20) Methylene Chloride	4.793	84	4974	Below Cal		88
25) 2-Butanone	7.081	43	611	4.372	ug/l #	48
31) Cyclohexane	7.881	56	1077	1.233	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	3363	4.193	ug/l #	43
37) Ethyl Acetate	7.081	43	611	1.902	ug/l #	67
38) Carbon Tetrachloride	7.875	117	4448	6.259	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	10374	56.835	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	10374	142.443	ug/l #	100

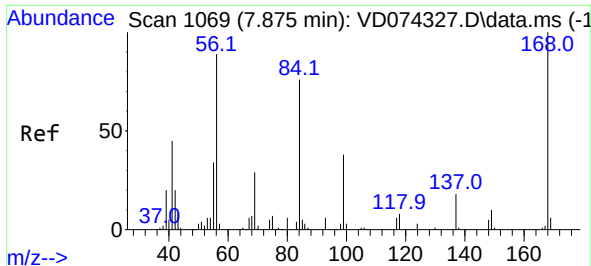
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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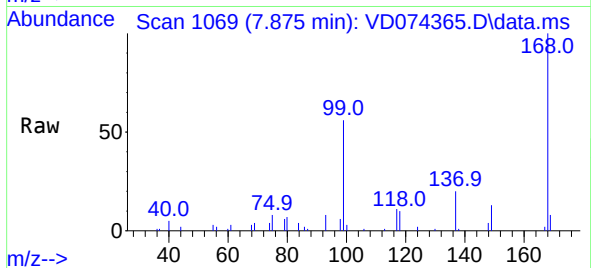
Quant Time: Sep 21 02:24:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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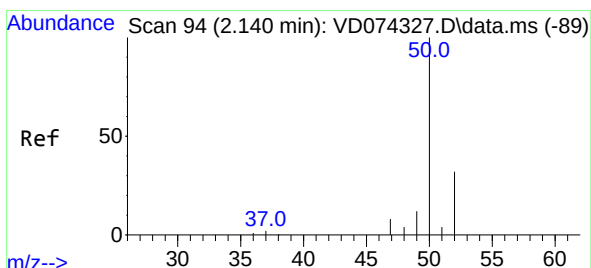
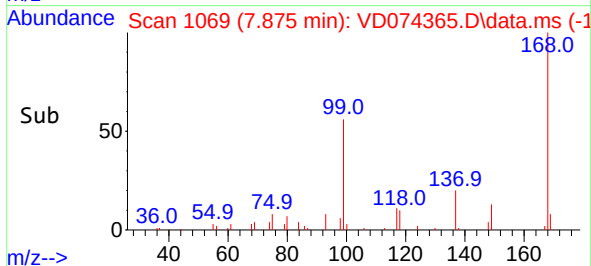
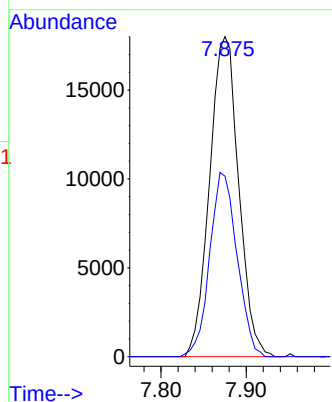


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
D22001-18

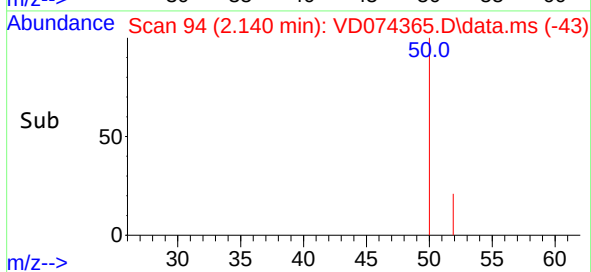
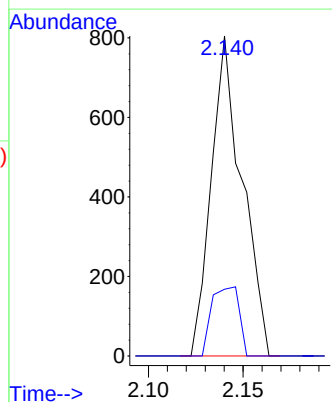
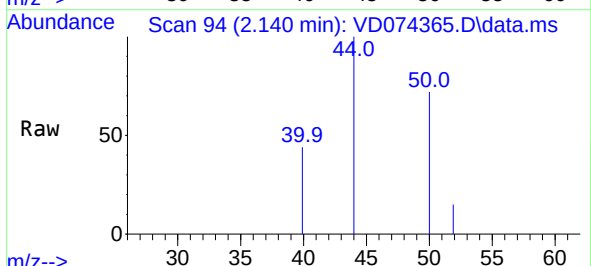


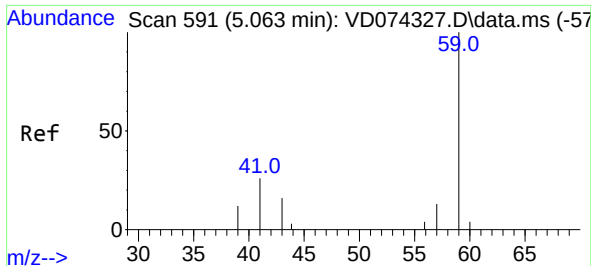
Tgt Ion:168 Resp: 42763
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#3
Chloromethane
Concen: 2.434 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Tgt Ion: 50 Resp: 912
Ion Ratio Lower Upper
50 100
52 20.9 25.8 38.8#

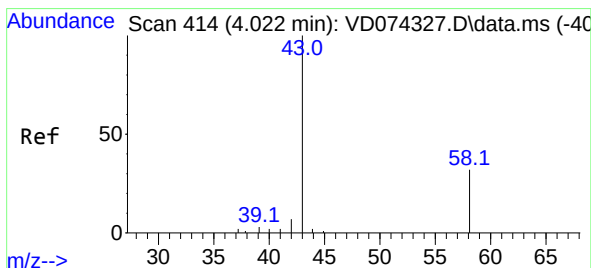
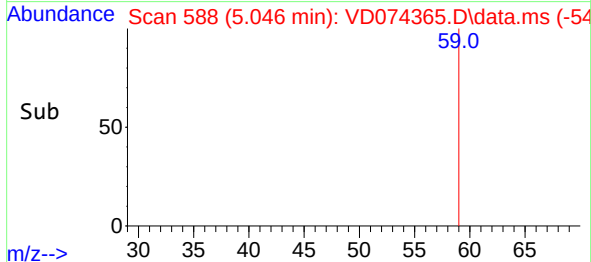
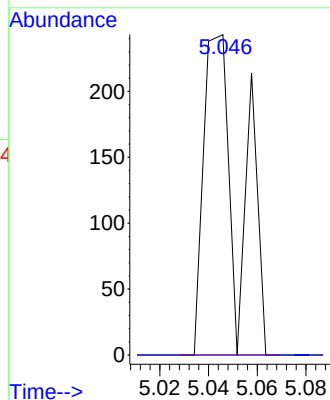
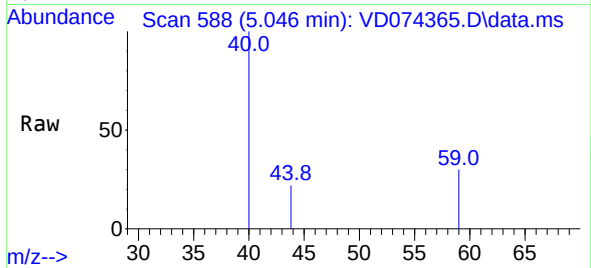




#11
Tert butyl alcohol
Concen: 8.704 ug/l
RT: 5.046 min Scan# 591
Delta R.T. -0.017 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

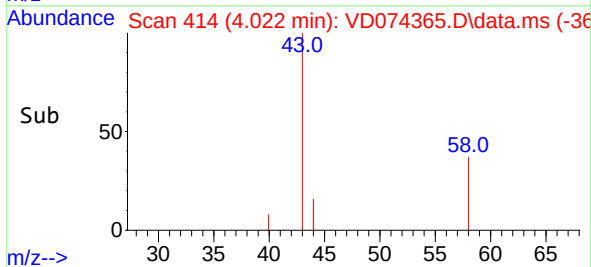
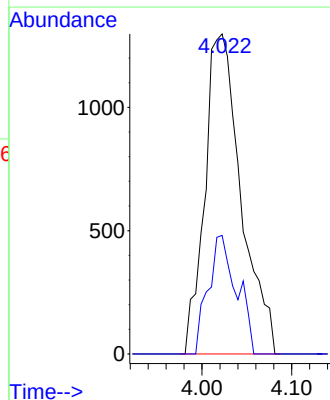
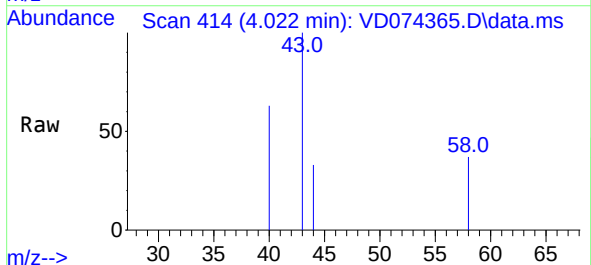
Instrument :
MSVOA_D
ClientSampleId :
D22001-18

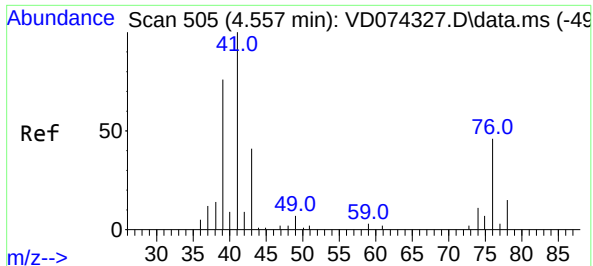
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 38.779 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
58 37.1 26.4 39.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.552 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD074365.D

Acq: 20 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

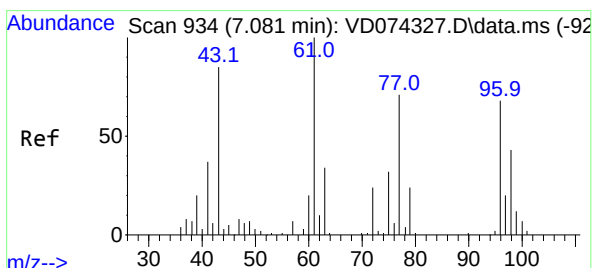
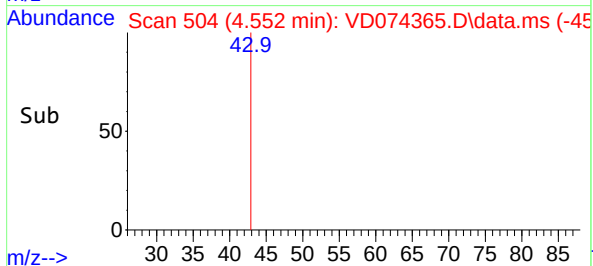
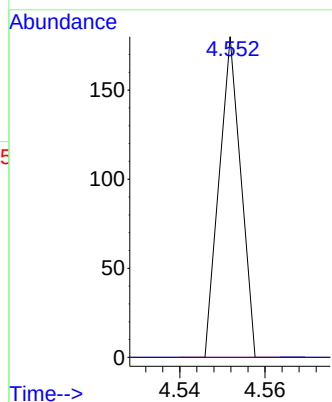
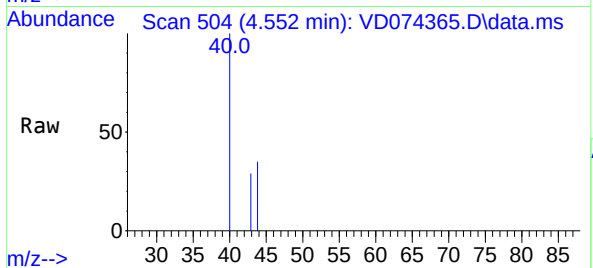
D22001-18

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#25

2-Butanone

Concen: 4.372 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD074365.D

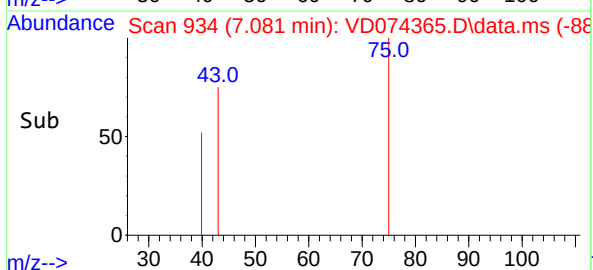
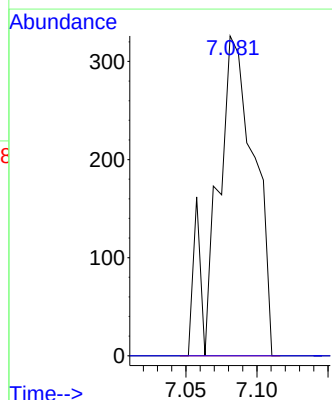
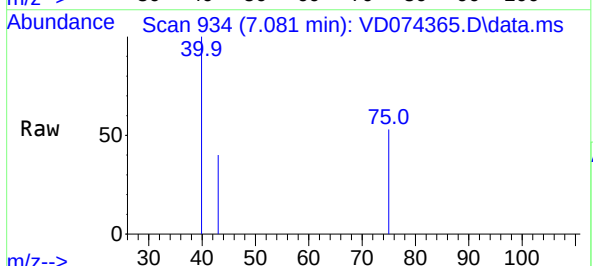
Acq: 20 Sep 2022 14:50

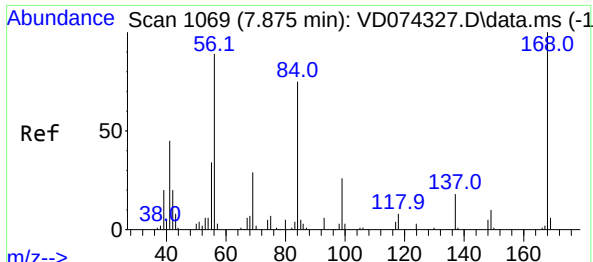
Tgt Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#





#31

Cyclohexane

Concen: 1.233 ug/l

RT: 7.881 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD074365.D

Acq: 20 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

D22001-18

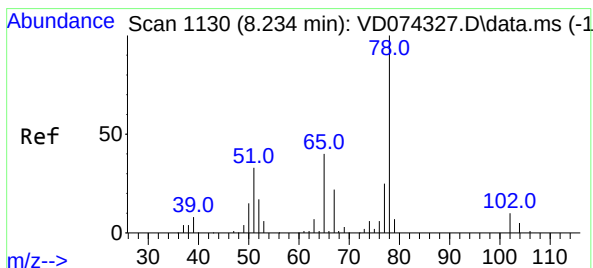
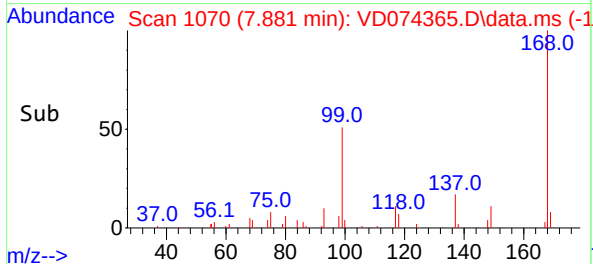
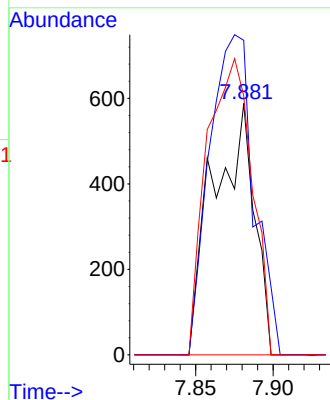
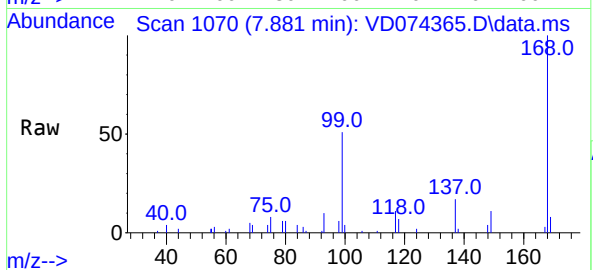
Tgt Ion: 56 Resp: 1077

Ion Ratio Lower Upper

56 100

69 125.2 25.7 38.5#

84 103.1 73.9 110.9



#33

1,2-Dichloroethane-d4

Concen: 77.994 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074365.D

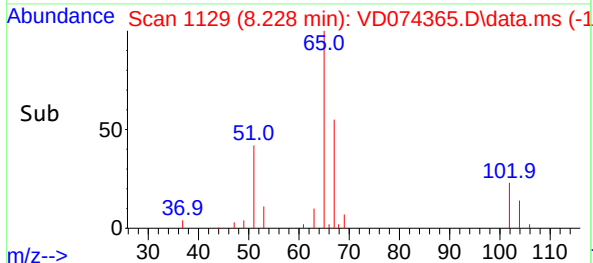
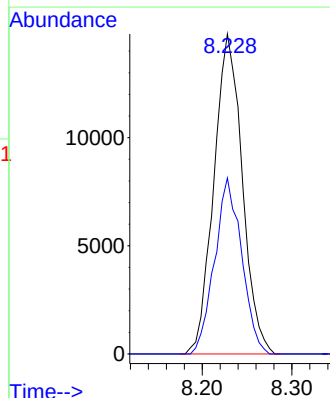
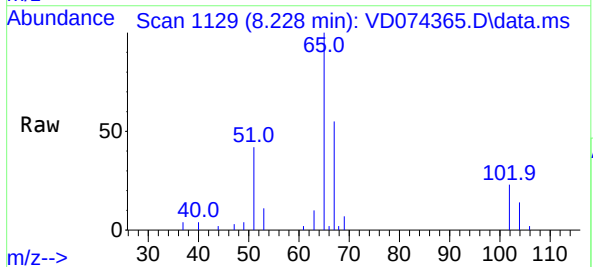
Acq: 20 Sep 2022 14:50

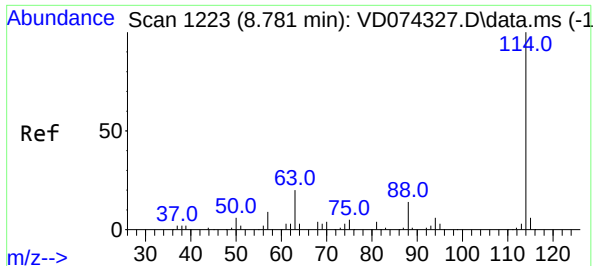
Tgt Ion: 65 Resp: 32486

Ion Ratio Lower Upper

65 100

67 52.3 0.0 110.6



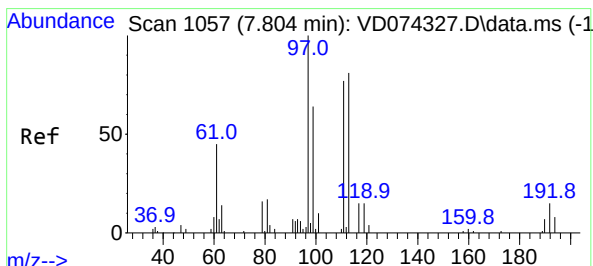
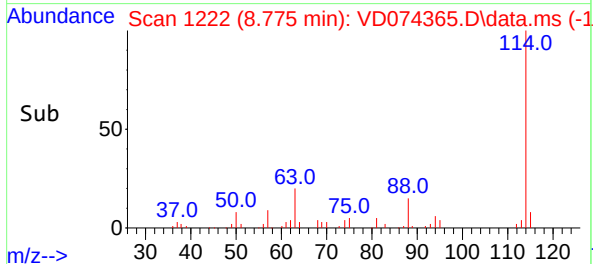
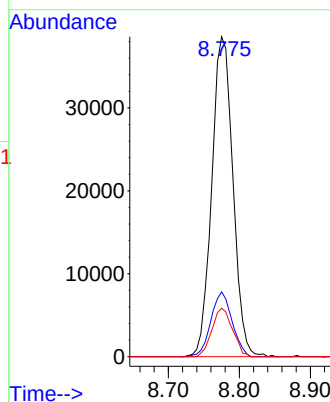
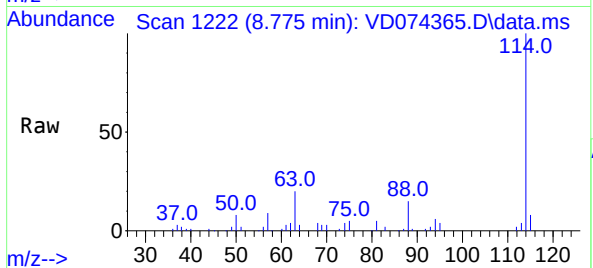


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
D22001-18

Tgt Ion:114 Resp: 79772

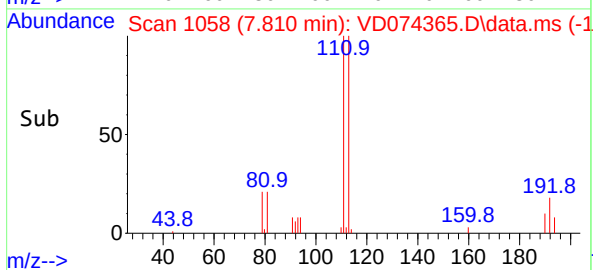
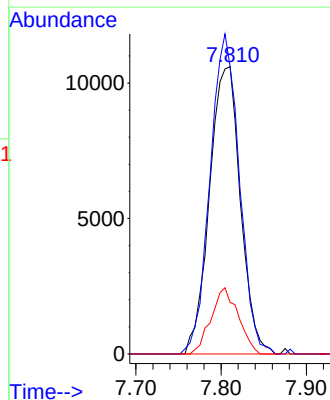
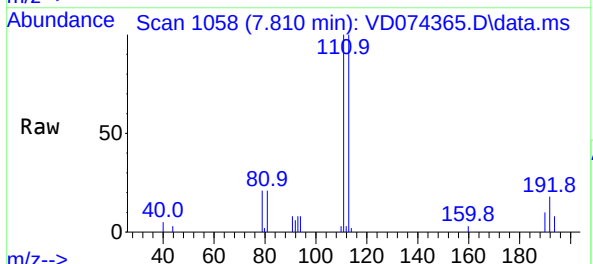
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.6
88	15.2	0.0	28.4

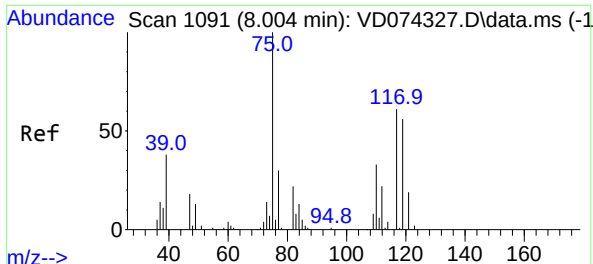


#35
Dibromofluoromethane
Concen: 50.801 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Tgt Ion:113 Resp: 26690

Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.0	124.6
192	20.3	16.2	24.2





#36

1,1-Dichloropropene

Concen: 4.193 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.129 min

Lab File: VD074365.D

Acq: 20 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

D22001-18

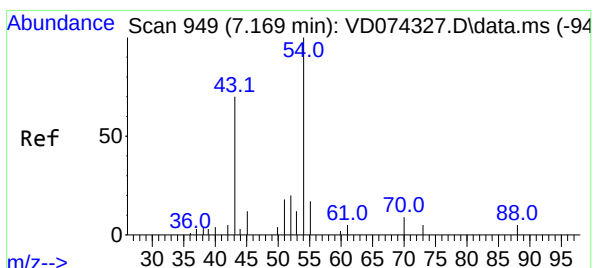
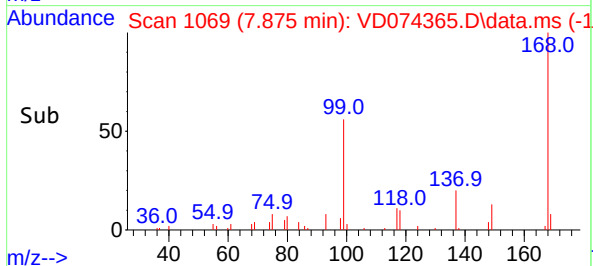
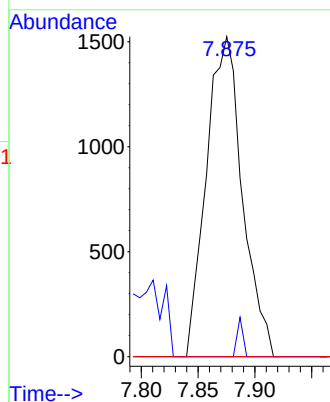
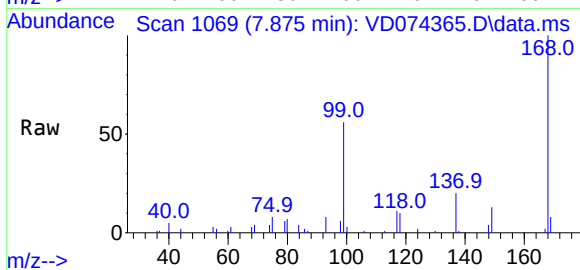
Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

110 2.0 17.5 52.5#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.902 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074365.D

Acq: 20 Sep 2022 14:50

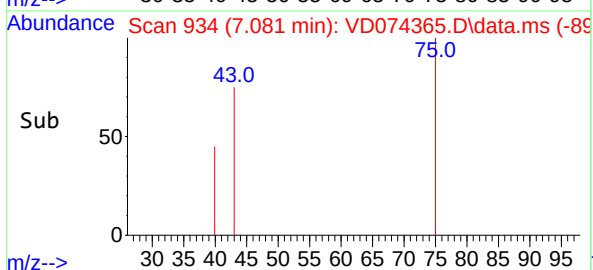
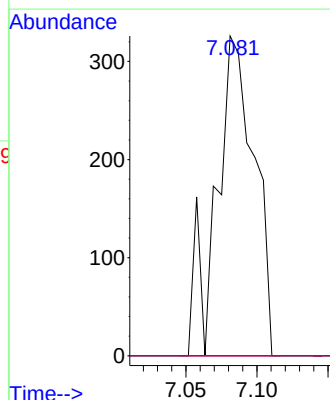
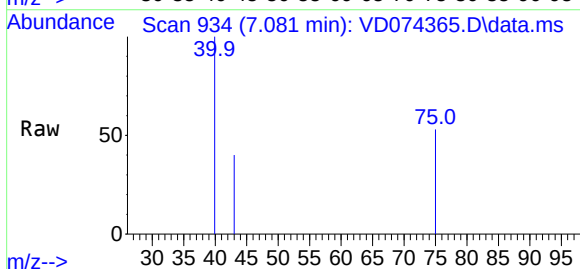
Tgt Ion: 43 Resp: 611

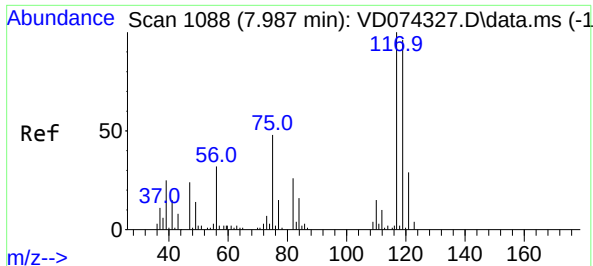
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

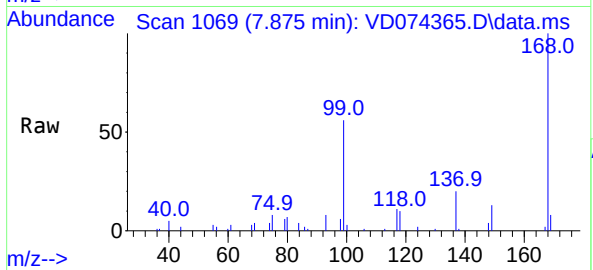
70 0.0 8.5 12.7#



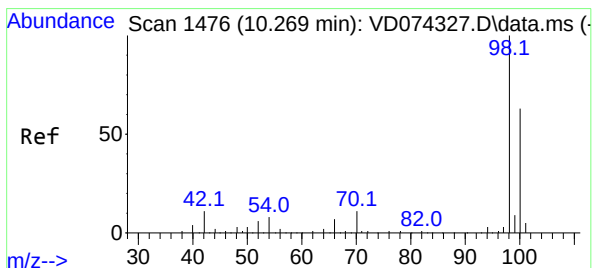
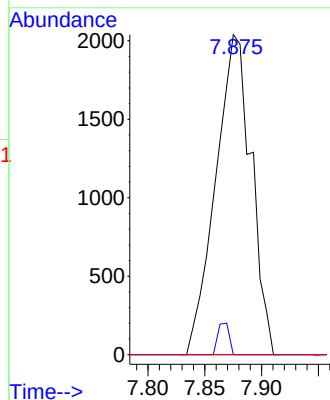
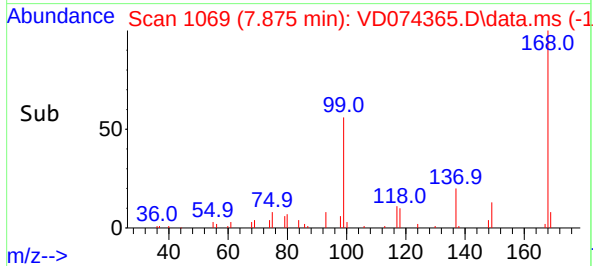


#38
Carbon Tetrachloride
Concen: 6.259 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
D22001-18

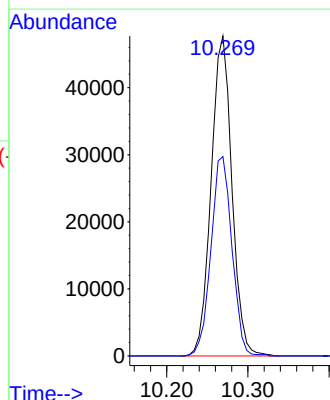
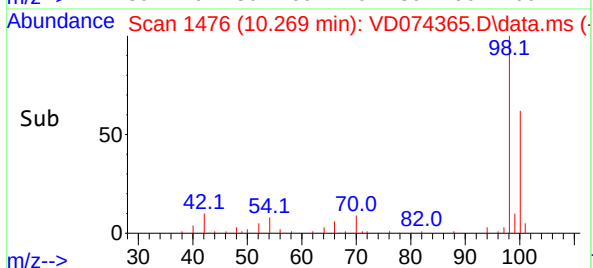
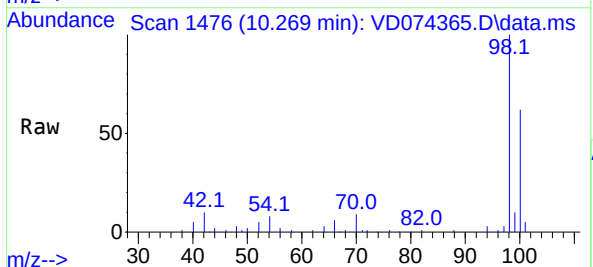


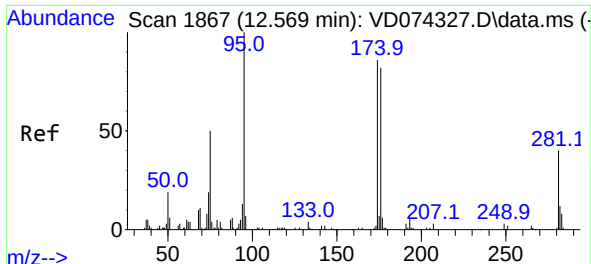
Tgt Ion:117 Resp: 4448
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.833 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Tgt Ion: 98 Resp: 84900
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8

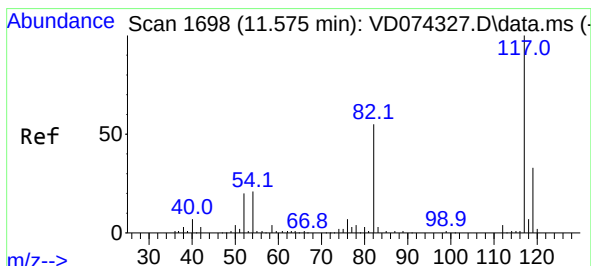
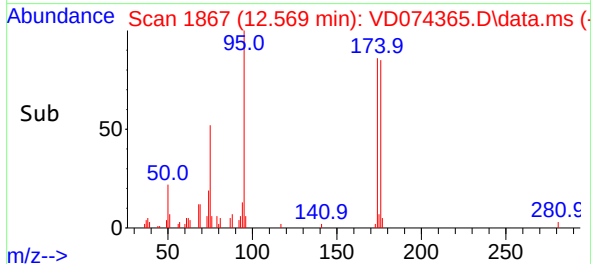
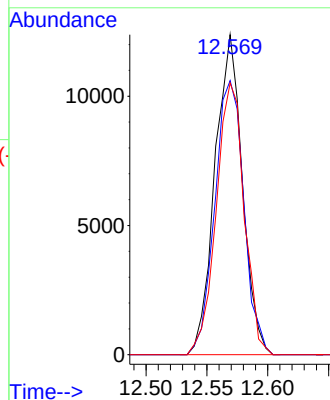
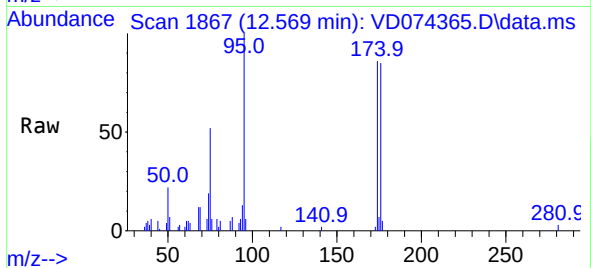




#62
4-Bromofluorobenzene
Concen: 29.185 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

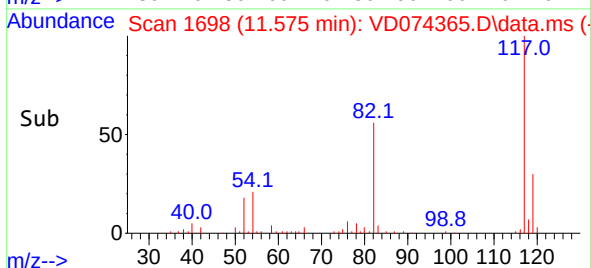
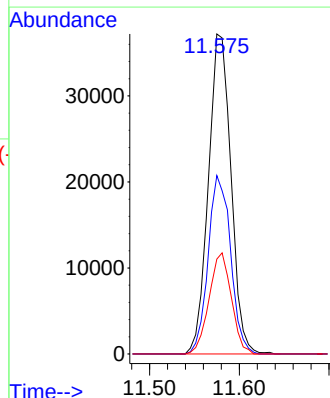
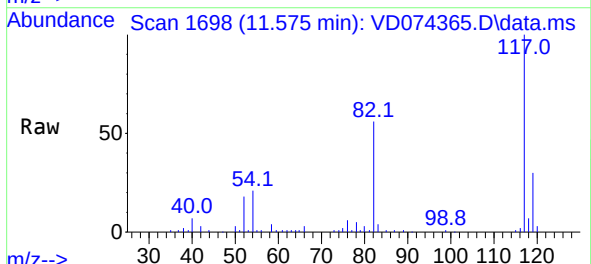
Instrument :
MSVOA_D
ClientSampleId :
D22001-18

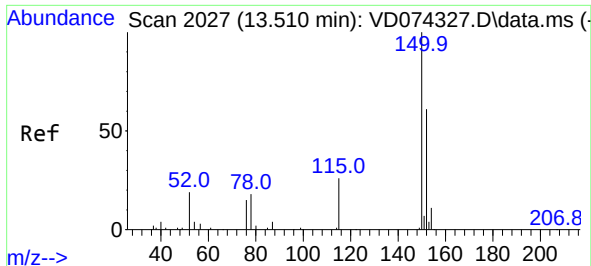
Tgt Ion: 95 Resp: 19392
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.2
176 86.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

Tgt Ion: 117 Resp: 65075
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 29.6 25.4 38.0

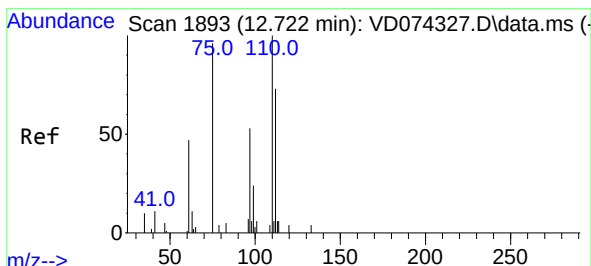
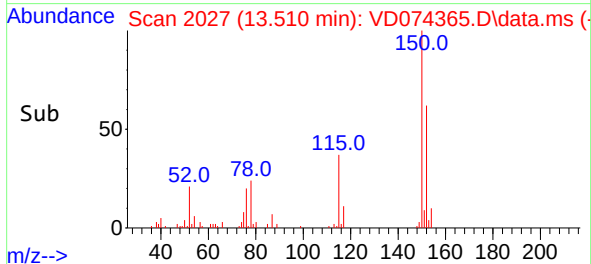
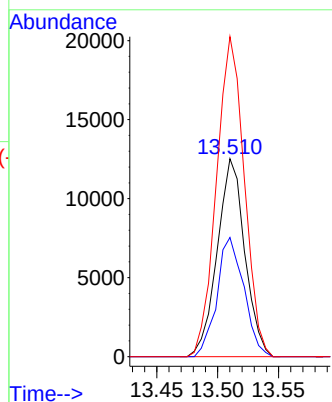
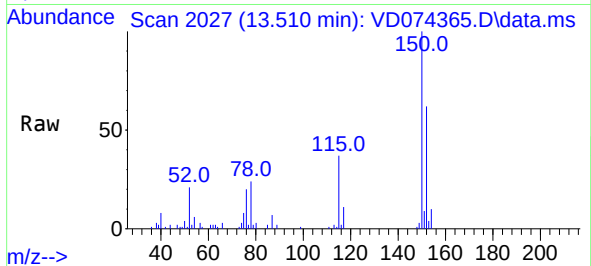




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

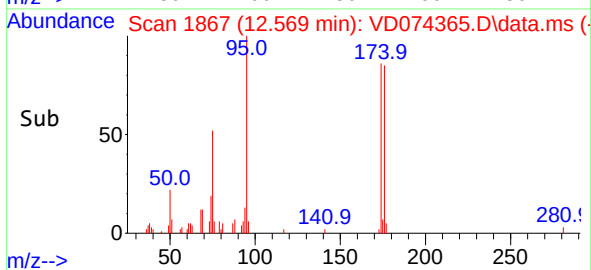
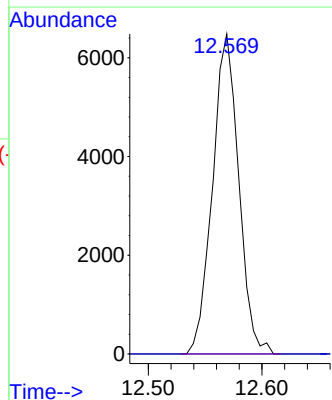
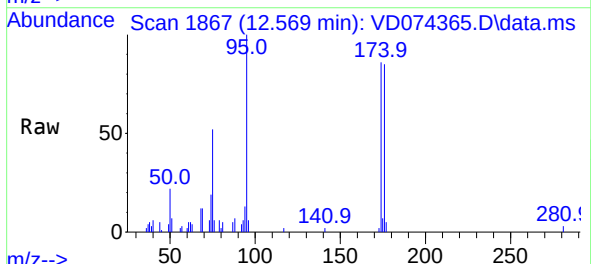
Instrument :
MSVOA_D
ClientSampleId :
D22001-18

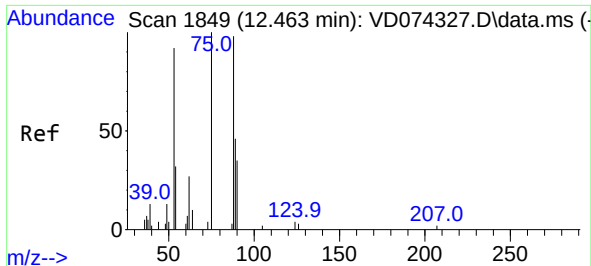
Tgt Ion:152 Resp: 19728
Ion Ratio Lower Upper
152 100
115 58.8 28.4 85.2
150 163.0 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 56.835 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074365.D
Acq: 20 Sep 2022 14:50

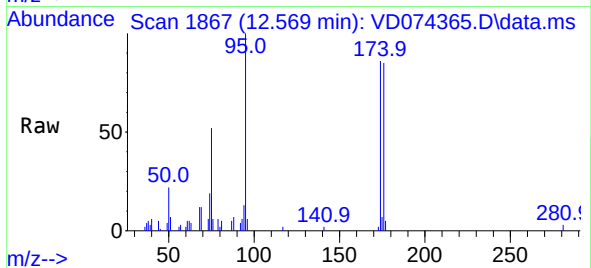
Tgt Ion: 75 Resp: 10374
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.443 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074365.D
 Acq: 20 Sep 2022 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 D22001-18



Tgt Ion:	75	Resp:	10374
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

