

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074368.D
 Acq On : 20 Sep 2022 16:15
 Operator : VA/SY
 Sample : N4668-01
 Misc : 6.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22007-8.5

Quant Time: Sep 21 02:24:54 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)

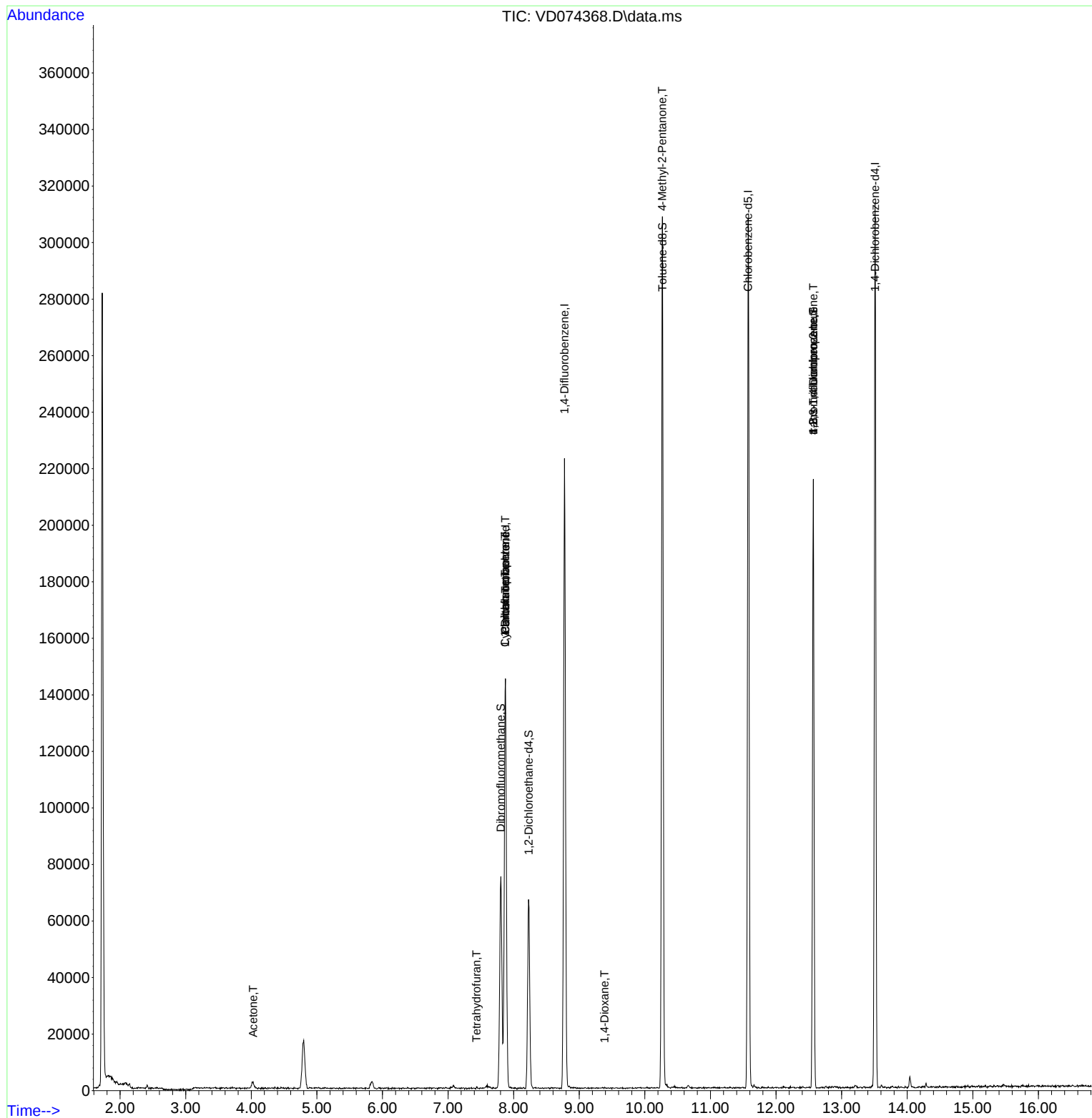
Internal Standards						
1) Pentafluorobenzene	7.875	168	111506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	179360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	83061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51935	47.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.640%		
35) Dibromofluoromethane	7.804	113	54486	42.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.480%		
50) Toluene-d8	10.269	98	212321	47.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.569	95	63649	41.191	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.380%		
Target Compounds			Qvalue			
16) Acetone	4.028	43	4132	16.887	ug/l #	77
18) Methyl Acetate	4.563	43	72	Below Cal	#	51
20) Methylene Chloride	4.799	84	12275	Below Cal		88
29) Tetrahydrofuran	7.434	42	242	1.159	ug/l #	32
31) Cyclohexane	7.869	56	2640	1.159	ug/l #	17
36) 1,1-Dichloropropene	7.869	75	9056	4.599	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11509	6.596	ug/l #	15
49) 1,4-Dioxane	9.387	88	67	8.572	ug/l #	24
51) 4-Methyl-2-Pentanone	10.263	43	828	1.083	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	33763	43.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33763	110.109	ug/l #	100

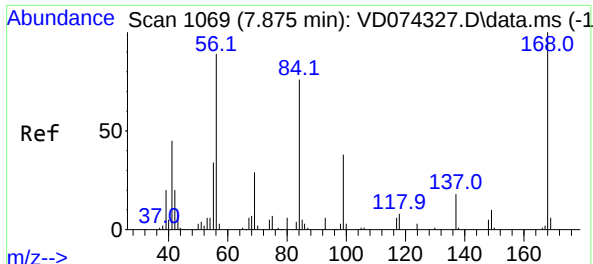
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
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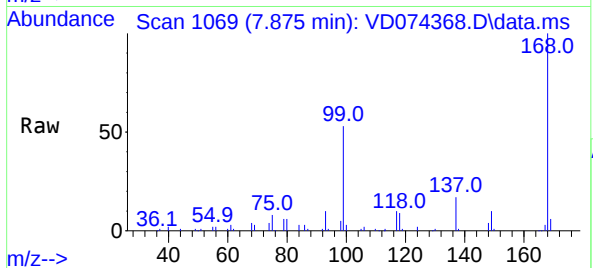
Quant Time: Sep 21 02:24:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



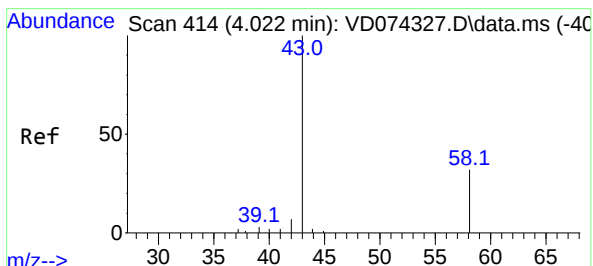
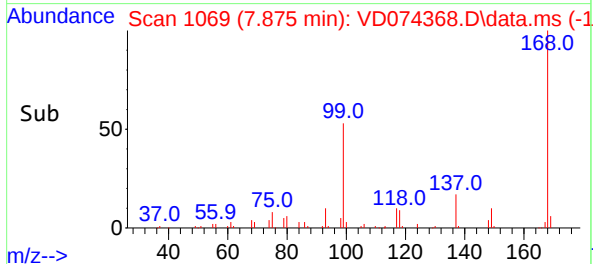
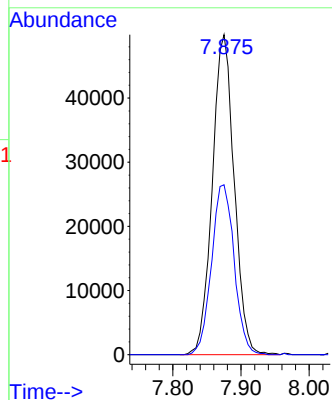


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

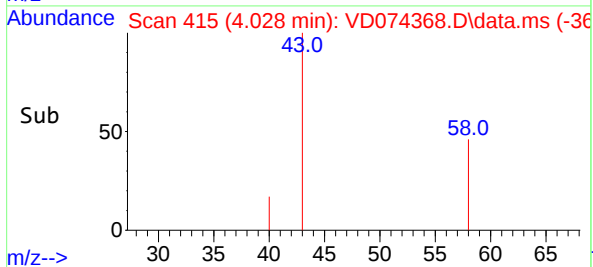
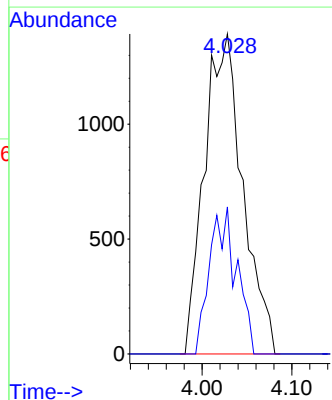
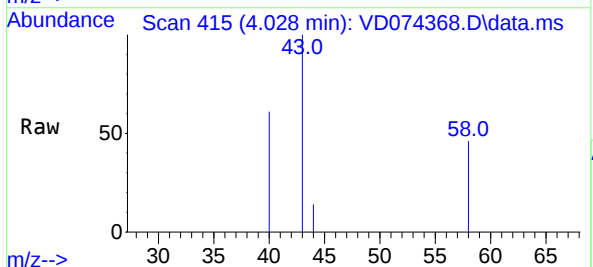


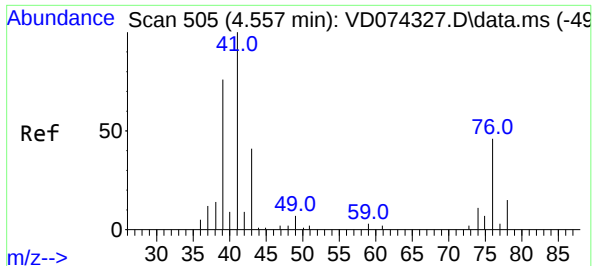
Tgt Ion:168 Resp: 111506
Ion Ratio Lower Upper
168 100
99 53.1 43.0 64.6



#16
Acetone
Concen: 16.887 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion: 43 Resp: 4132
Ion Ratio Lower Upper
43 100
58 45.9 26.4 39.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.563 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD074368.D

Acq: 20 Sep 2022 16:15

Instrument :

MSVOA_D

ClientSampleId :

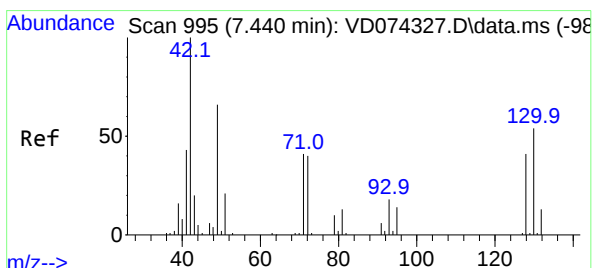
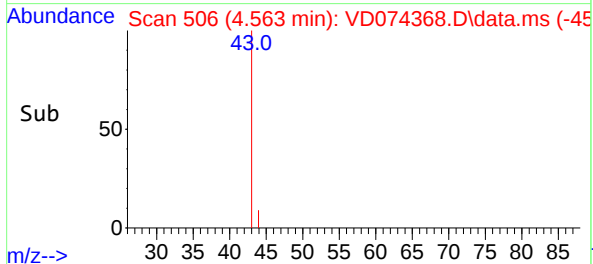
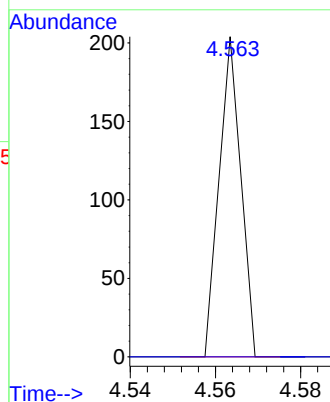
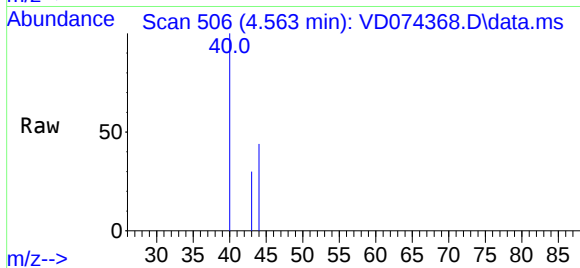
D22007-8.5

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#29

Tetrahydrofuran

Concen: 1.159 ug/l

RT: 7.434 min Scan# 994

Delta R.T. -0.006 min

Lab File: VD074368.D

Acq: 20 Sep 2022 16:15

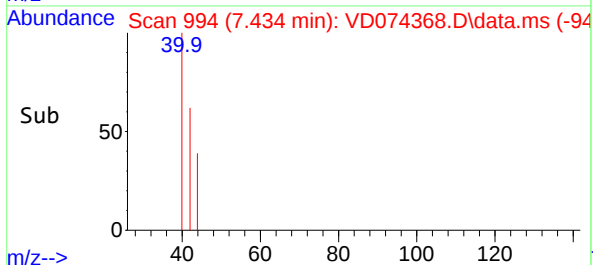
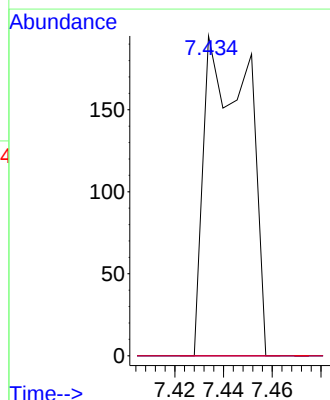
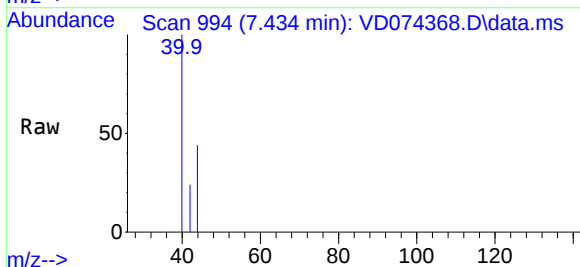
Tgt Ion: 42 Resp: 242

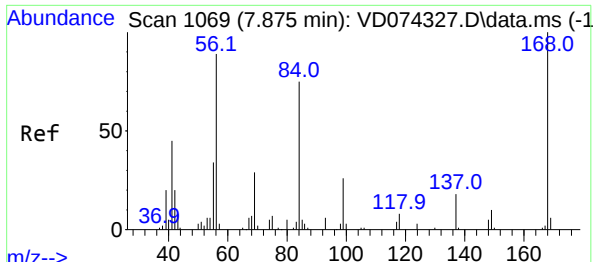
Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

71 0.0 34.1 51.1#





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.869 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VD074368.D

Acq: 20 Sep 2022 16:15

Instrument :

MSVOA_D

ClientSampleId :

D22007-8.5

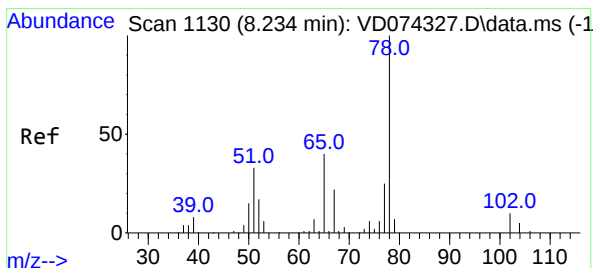
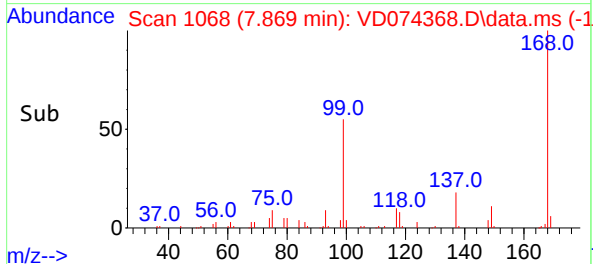
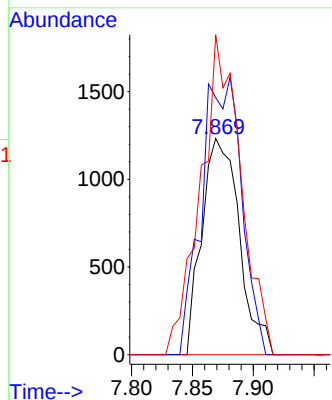
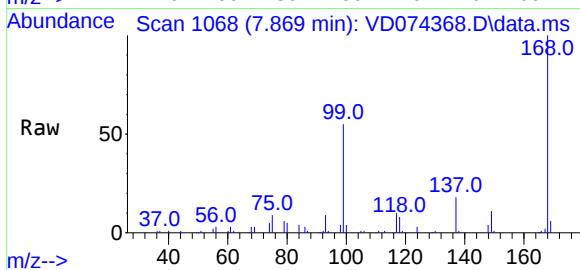
Tgt Ion: 56 Resp: 2640

Ion Ratio Lower Upper

56 100

69 118.8 25.7 38.5#

84 148.0 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 47.818 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074368.D

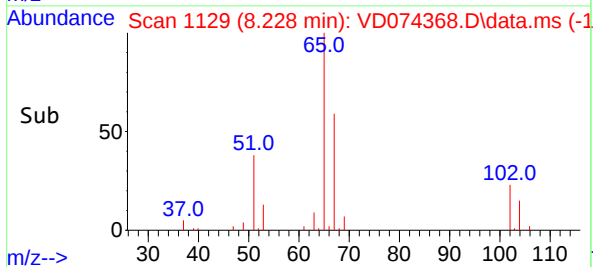
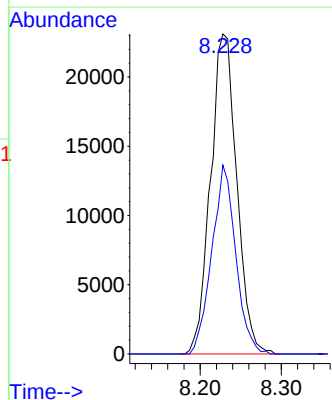
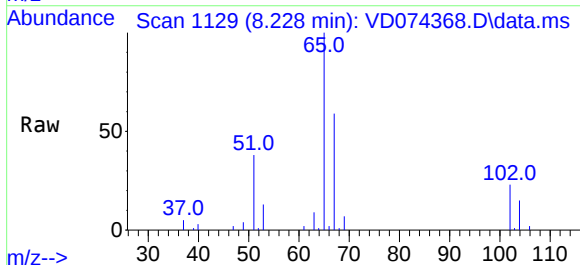
Acq: 20 Sep 2022 16:15

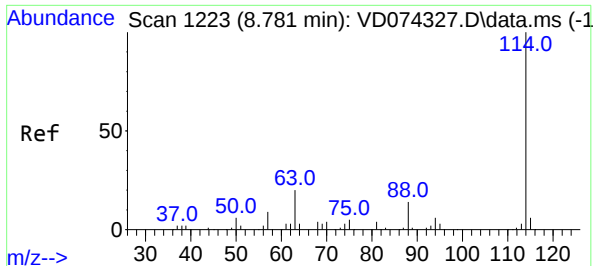
Tgt Ion: 65 Resp: 51935

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6

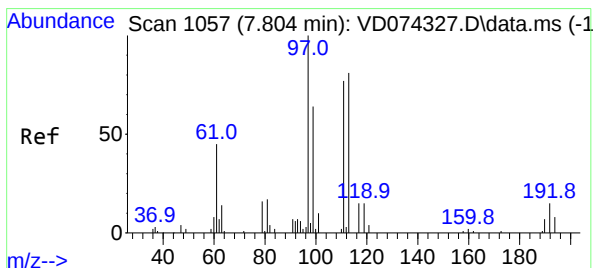
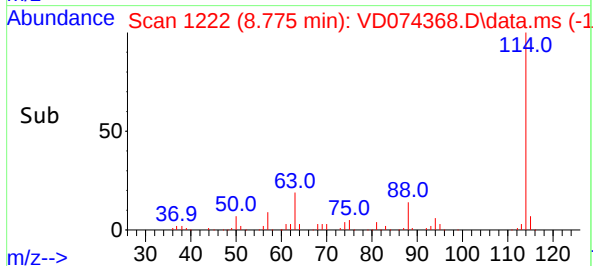
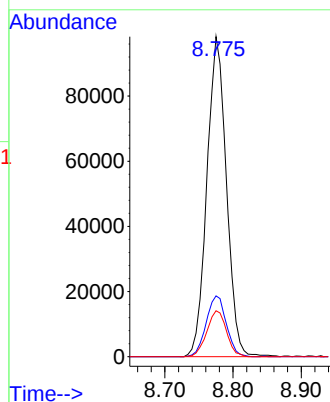
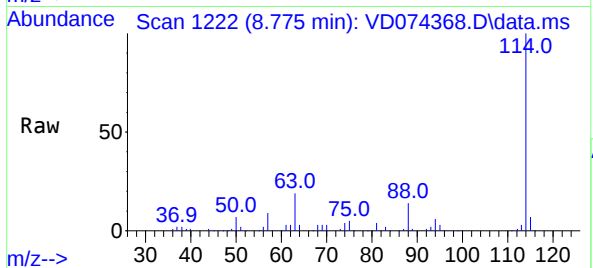




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

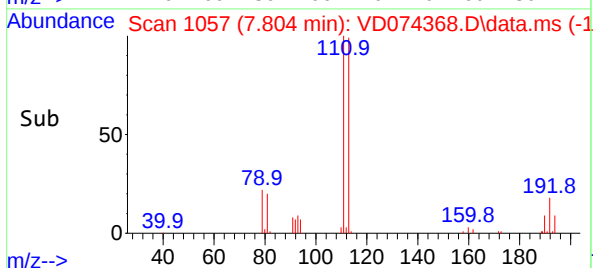
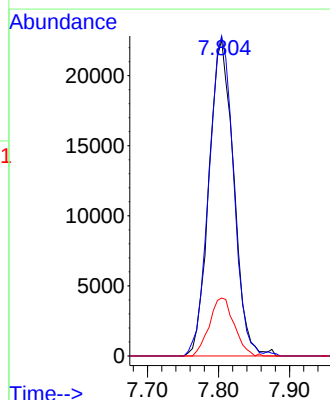
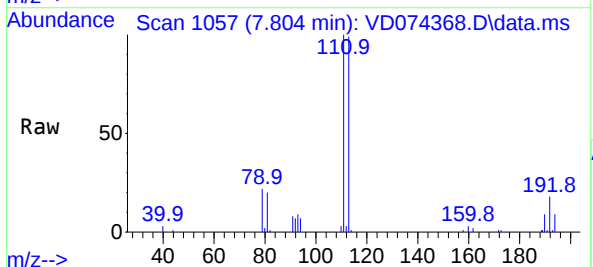
Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

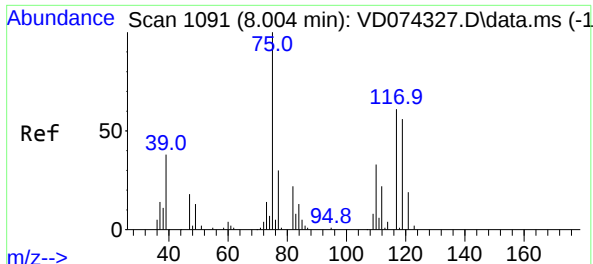
Tgt Ion:114 Resp: 195848
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.6
88 14.4 0.0 28.4



#35
Dibromofluoromethane
Concen: 42.242 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion:113 Resp: 54486
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 18.4 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.599 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074368.D

Acq: 20 Sep 2022 16:15

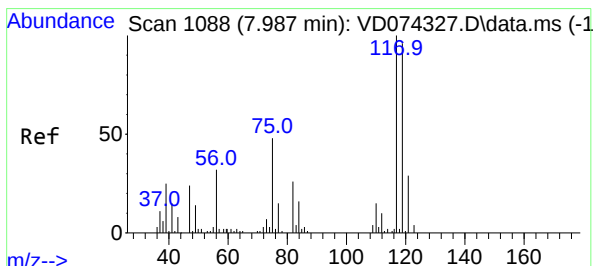
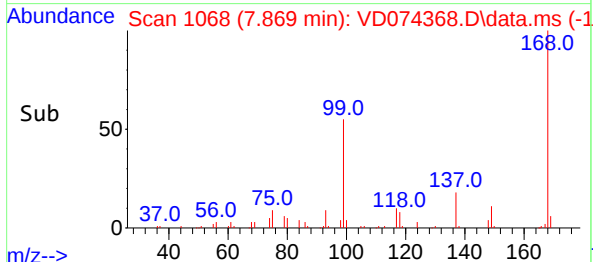
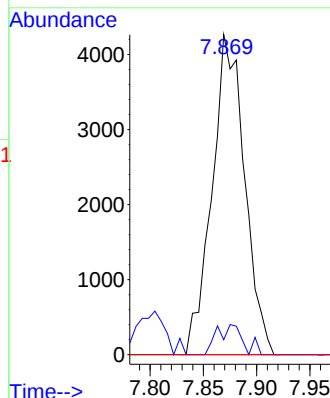
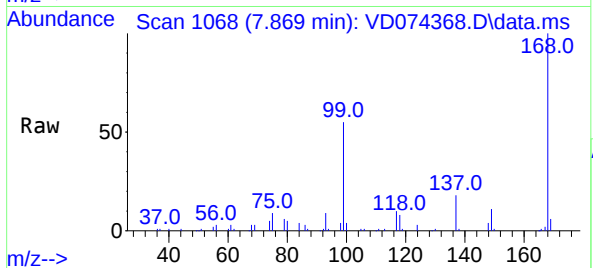
Instrument :

MSVOA_D

ClientSampleId :

D22007-8.5

Tgt Ion: 75	Resp: 9056
Ion Ratio	Lower Upper
75	100
110	6.7 17.5 52.5#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.596 ug/l

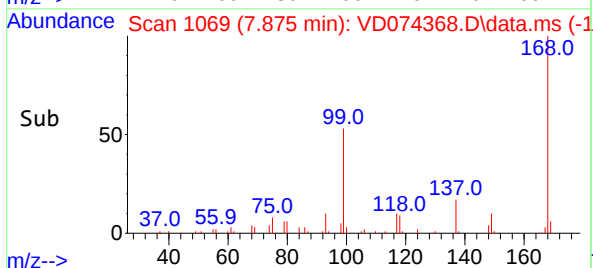
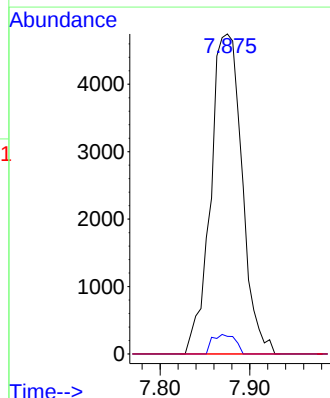
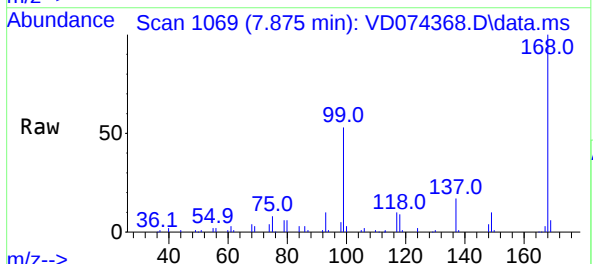
RT: 7.875 min Scan# 1069

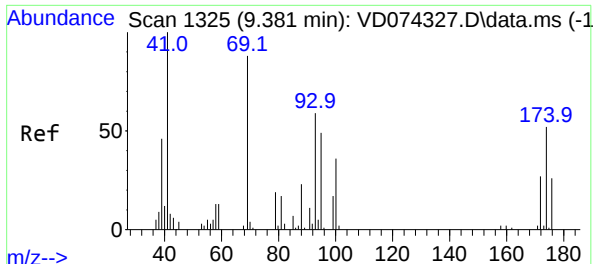
Delta R.T. -0.112 min

Lab File: VD074368.D

Acq: 20 Sep 2022 16:15

Tgt Ion: 117	Resp: 11509
Ion Ratio	Lower Upper
117	100
119	5.5 78.8 118.2#
121	0.0 23.9 35.9#

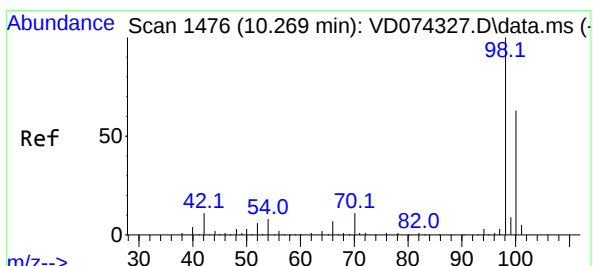
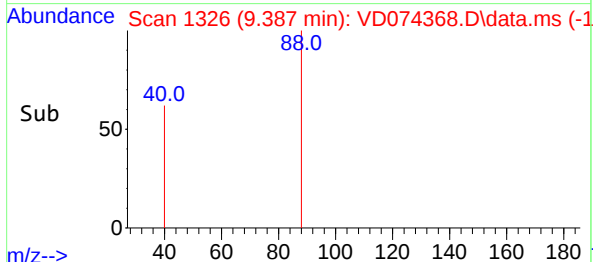
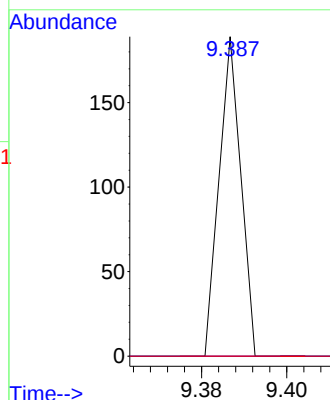
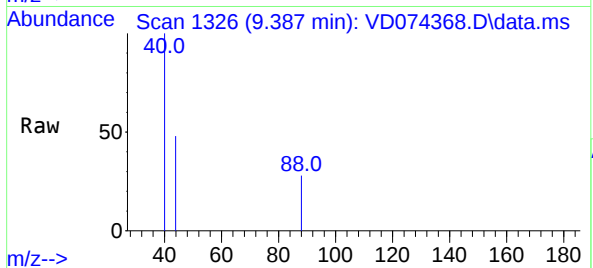




#49
1,4-Dioxane
Concen: 8.572 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

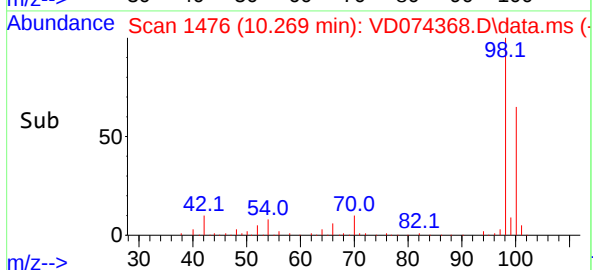
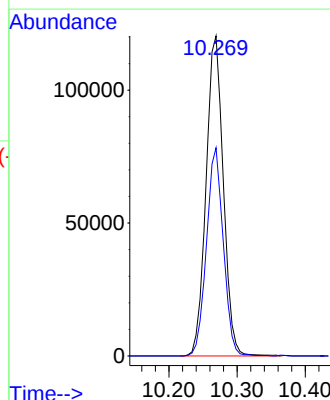
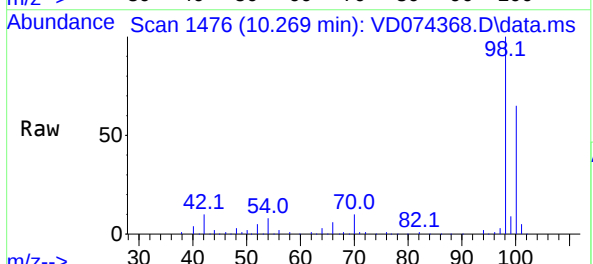
Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

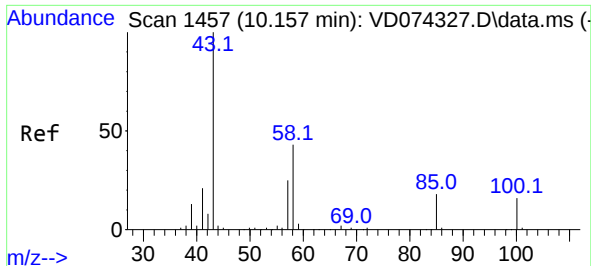
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 0.0 54.2 81.2#



#50
Toluene-d8
Concen: 47.705 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion: 98 Resp: 212321
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8

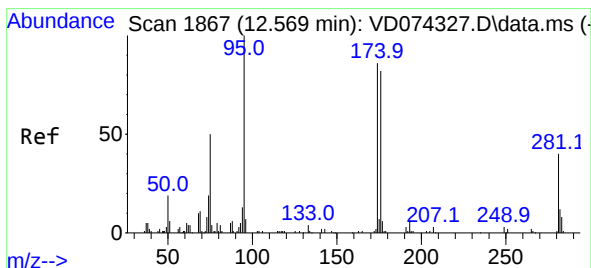
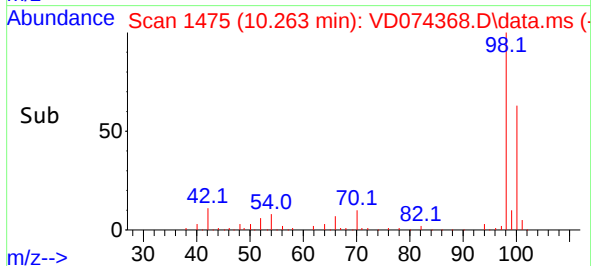
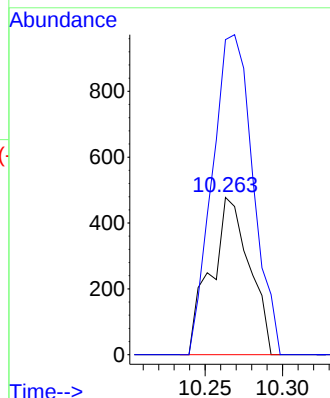
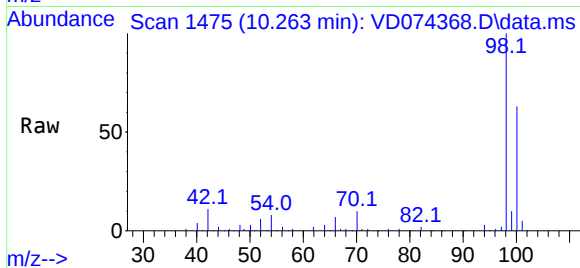




#51
4-Methyl-2-Pentanone
Concen: 1.083 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

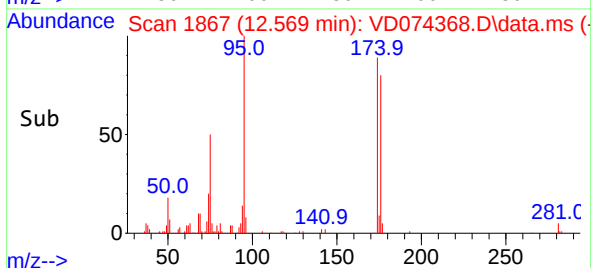
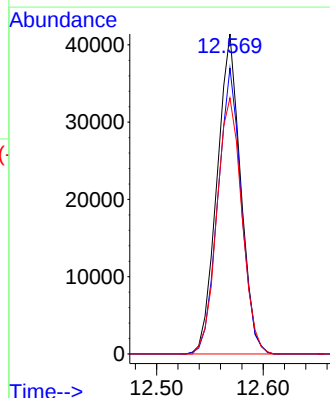
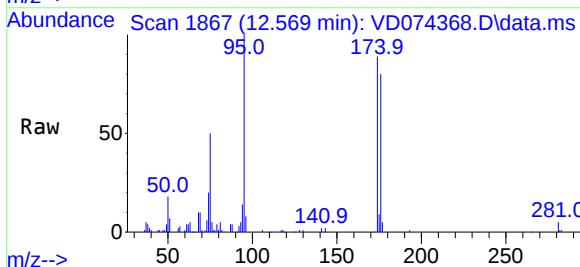
Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

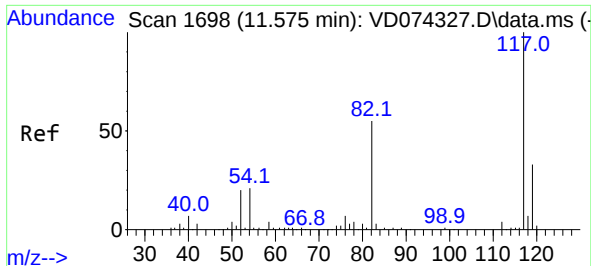
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 214.5 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 41.191 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion: 95 Resp: 63649
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.2
176 84.7 0.0 171.4

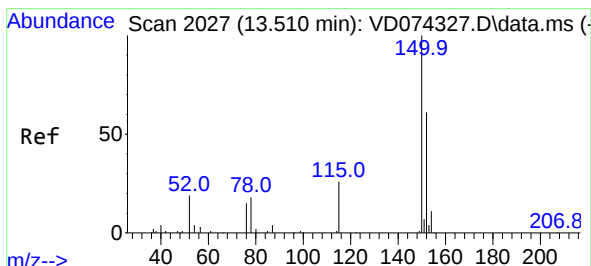
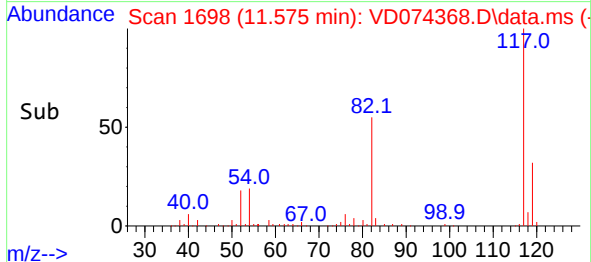
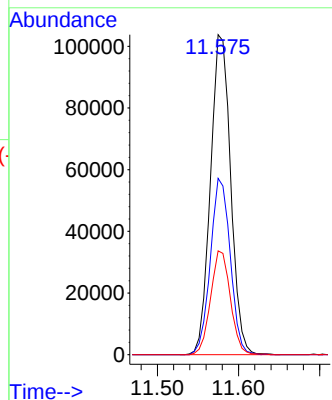
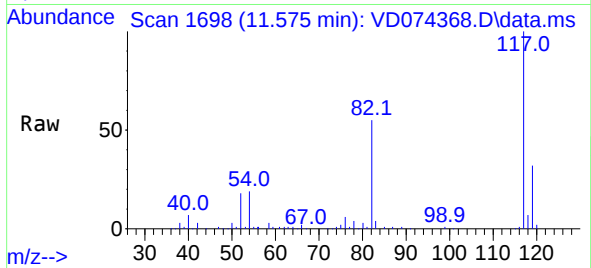




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

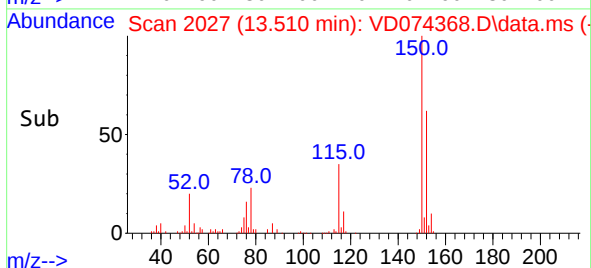
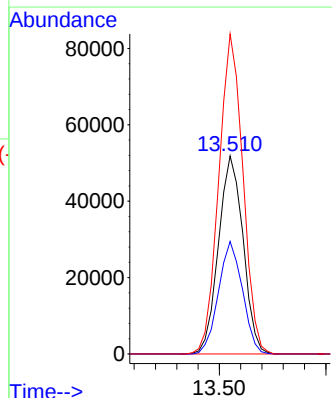
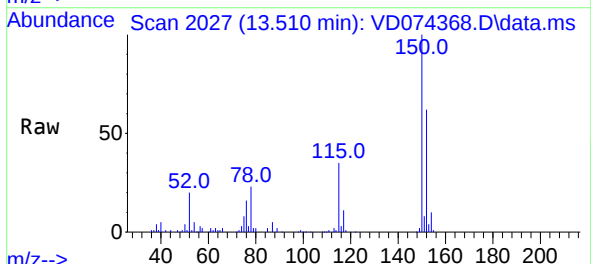
Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

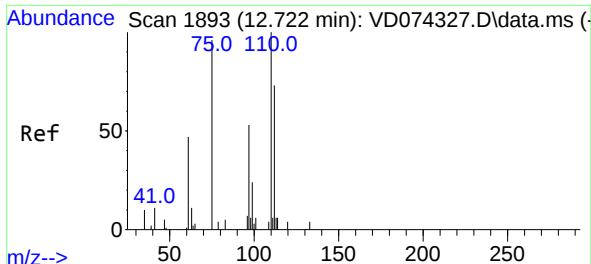
Tgt Ion:117 Resp: 179360
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion:152 Resp: 83061
Ion Ratio Lower Upper
152 100
115 55.3 28.4 85.2
150 158.5 0.0 351.0

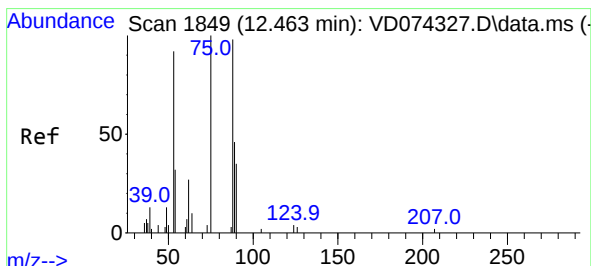
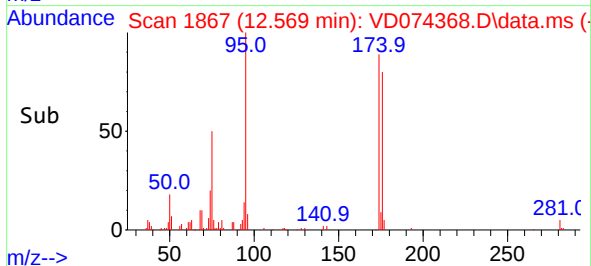
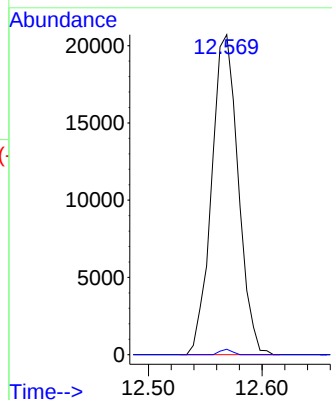
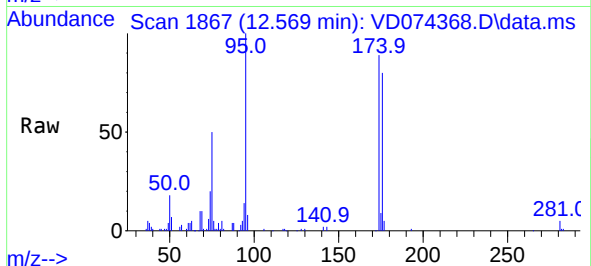




#76
1,2,3-Trichloropropane
Concen: 43.934 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Instrument :
MSVOA_D
ClientSampleId :
D22007-8.5

Tgt Ion: 75 Resp: 33763
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.109 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074368.D
Acq: 20 Sep 2022 16:15

Tgt Ion: 75 Resp: 33763
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

