

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074869.D
 Acq On : 10 Nov 2022 15:52
 Operator : VA/SY
 Sample : N5436-12RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-12RE

Quant Time: Nov 10 16:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

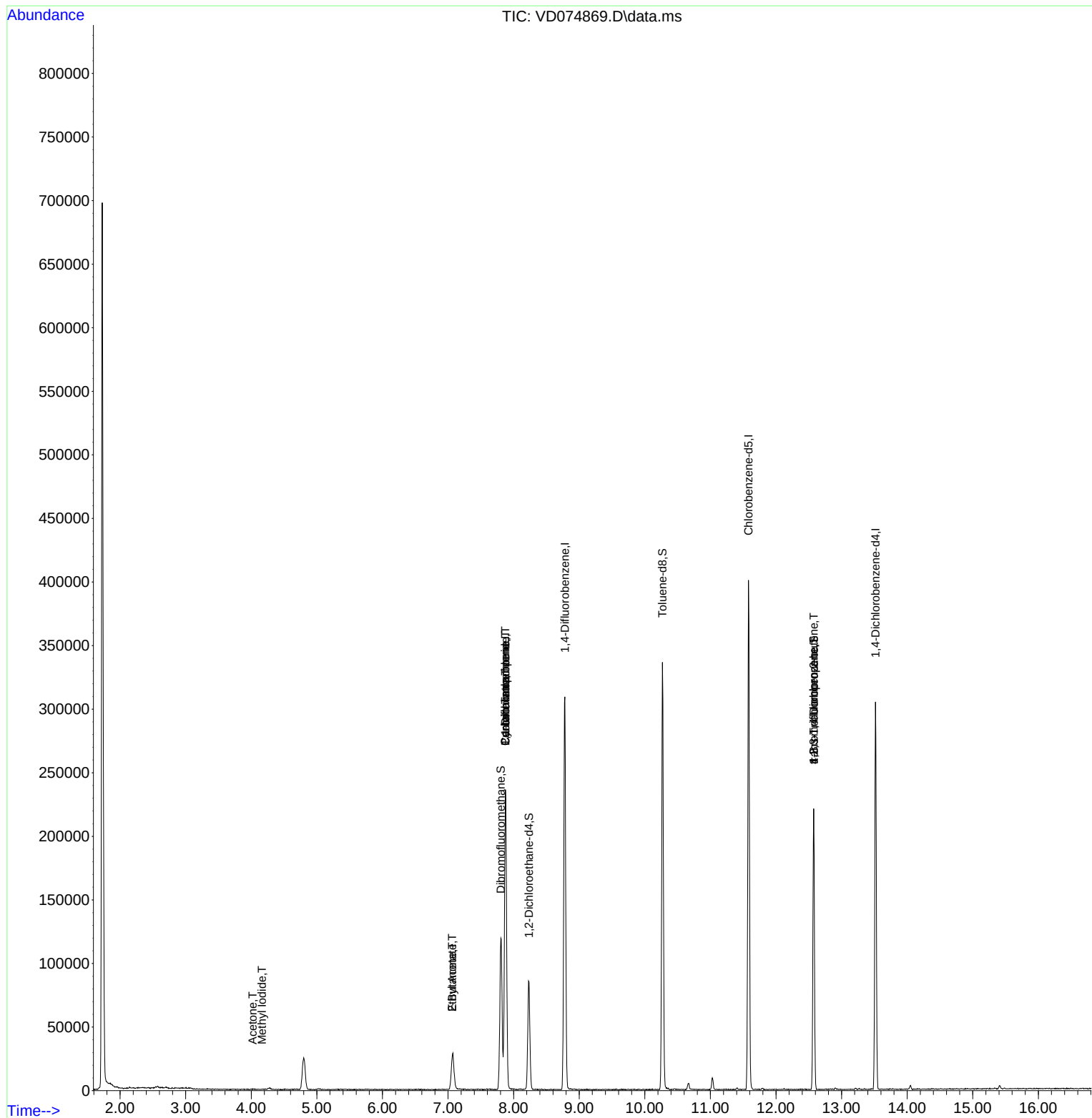
Internal Standards						
1) Pentafluorobenzene	7.875	168	192564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	296484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66694	43.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.460%
35) Dibromofluoromethane	7.805	113	89072	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.269	98	241443	37.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.480%
62) 4-Bromofluorobenzene	12.575	95	67425	36.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.000%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	252	5.641	ug/l #	43
11) Tert butyl alcohol	5.052	59	410	Below Cal	#	84
16) Acetone	4.022	43	396	1.244	ug/l #	37
20) Methylene Chloride	4.811	84	22277	Below Cal		98
25) 2-Butanone	7.063	43	1249	2.854	ug/l #	42
31) Cyclohexane	7.875	56	3340	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	13873	5.211	ug/l #	47
37) Ethyl Acetate	7.063	43	1249	1.406	ug/l #	1
38) Carbon Tetrachloride	7.875	117	17835	7.071	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	33328	50.865	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33328	120.741	ug/l #	17

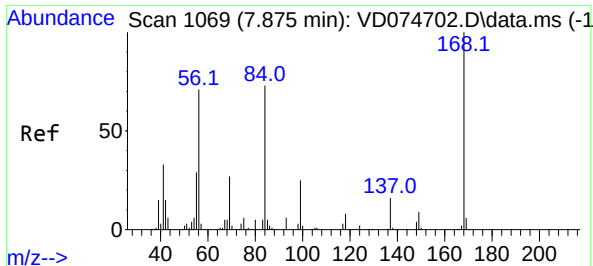
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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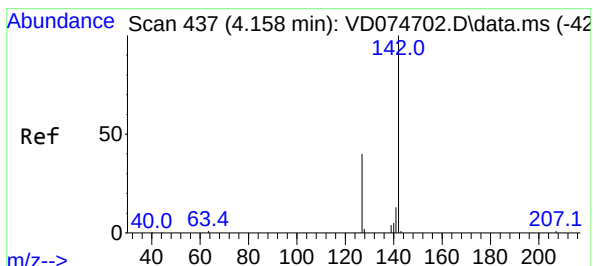
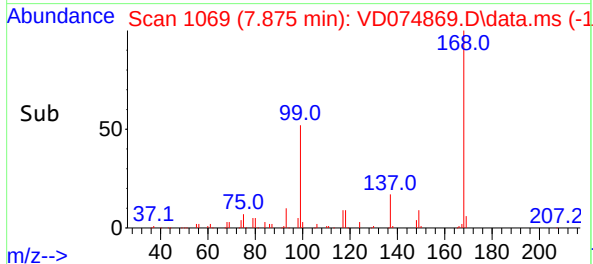
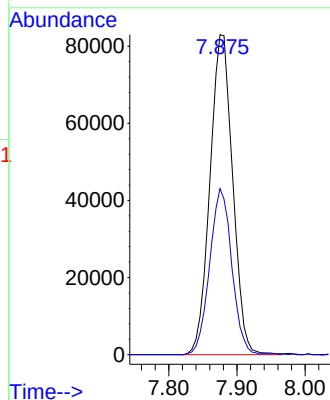
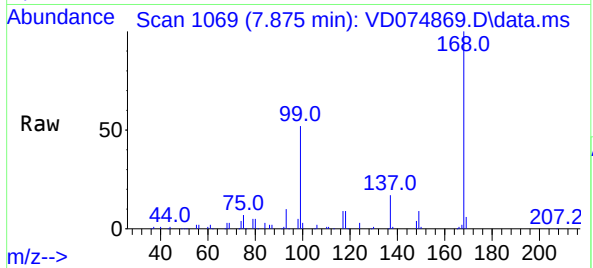




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

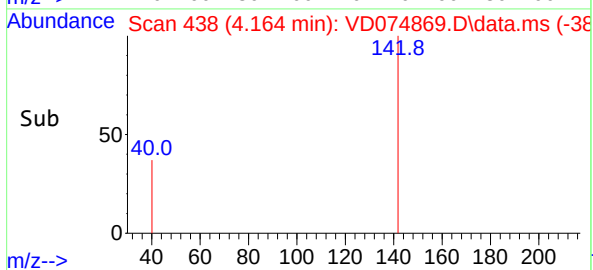
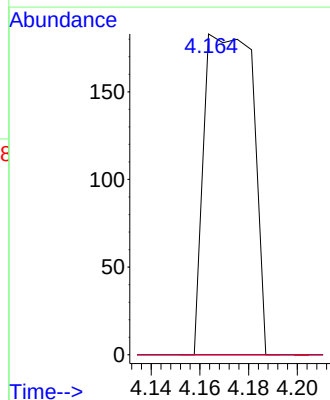
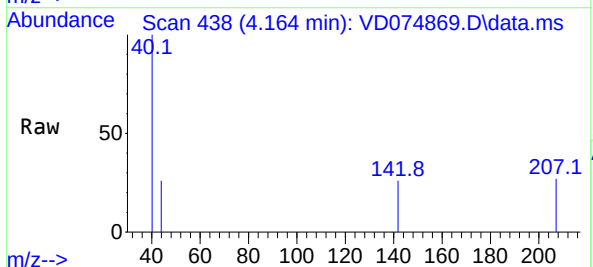
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-12RE

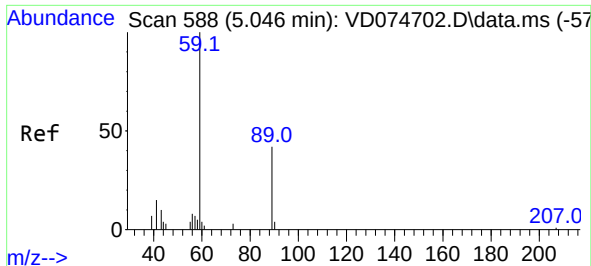
Tgt Ion:168 Resp: 192564
Ion Ratio Lower Upper
168 100
99 51.9 40.9 61.3



#10
Methyl Iodide
Concen: 5.641 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD074869.D

Acq: 10 Nov 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

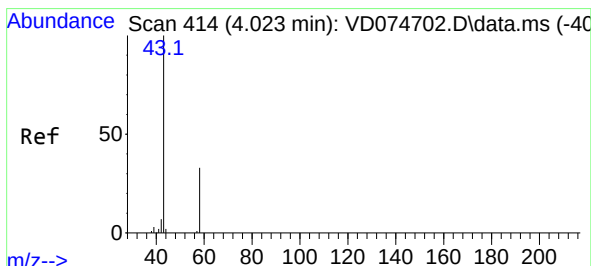
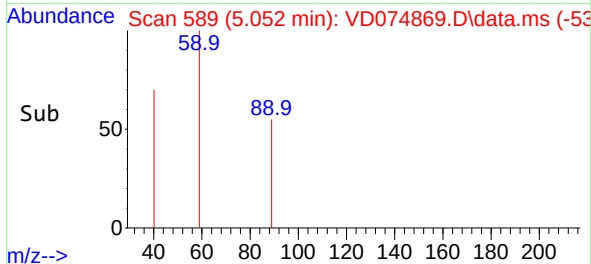
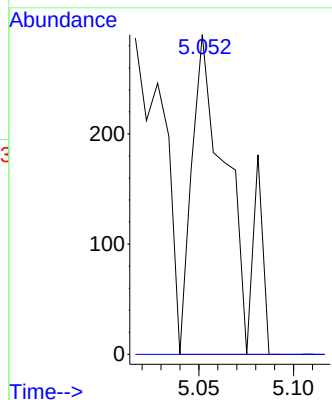
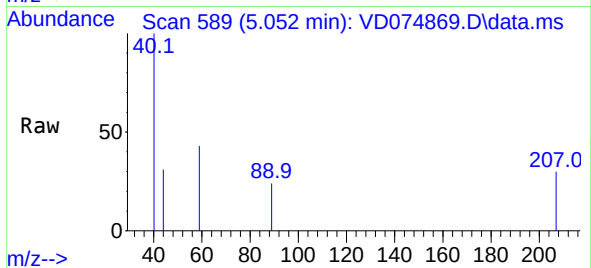
250FERRYBLVD-TFS-12RE

Tgt Ion: 59 Resp: 410

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 1.244 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074869.D

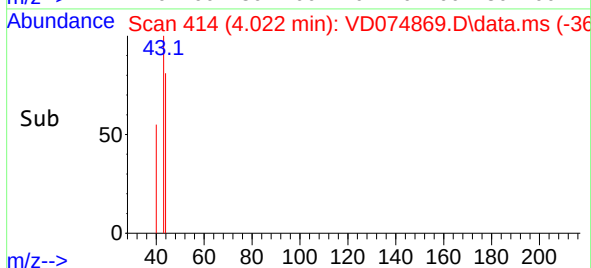
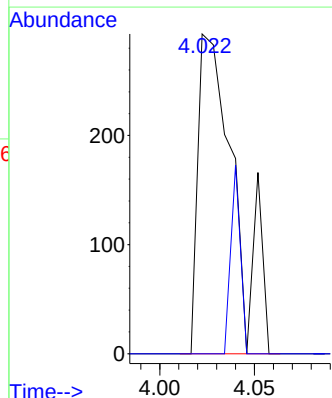
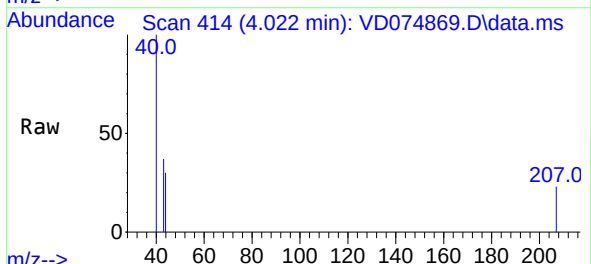
Acq: 10 Nov 2022 15:52

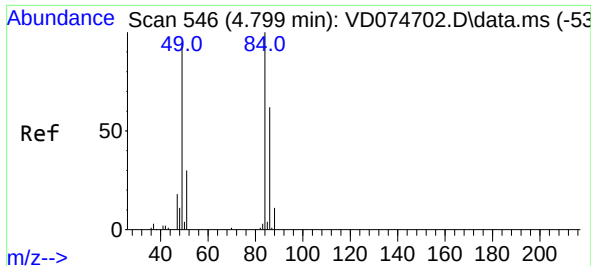
Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

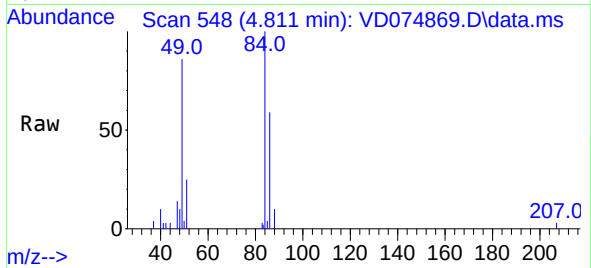
58 0.0 30.2 45.2#





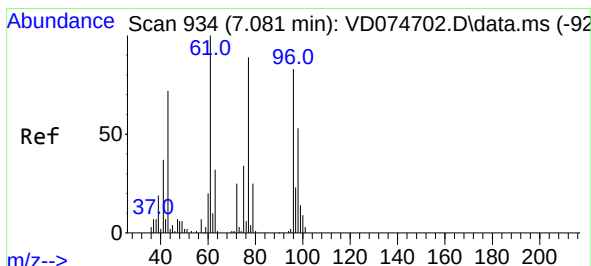
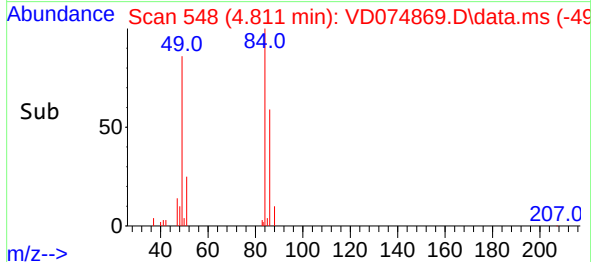
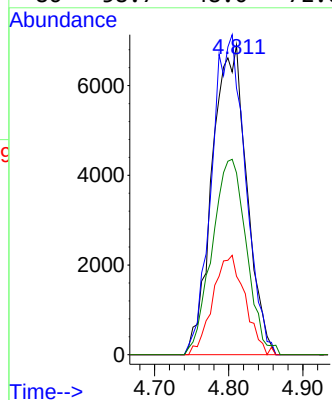
#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-12RE



Tgt Ion: 84 Resp: 22277

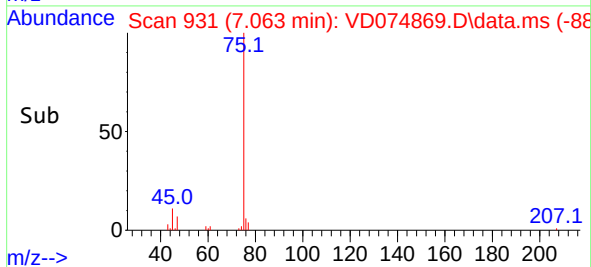
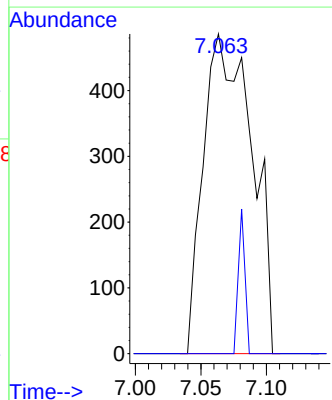
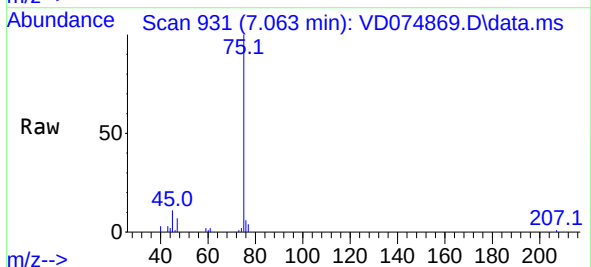
Ion	Ratio	Lower	Upper
84	100		
49	86.0	68.0	102.0
51	25.3	23.2	34.8
86	58.7	48.0	72.0

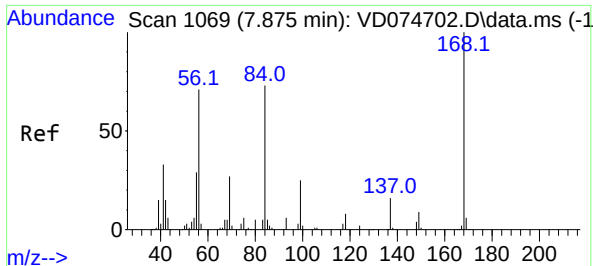


#25
2-Butanone
Concen: 2.854 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

Tgt Ion: 43 Resp: 1249

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.875 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD074869.D

Acq: 10 Nov 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-12RE

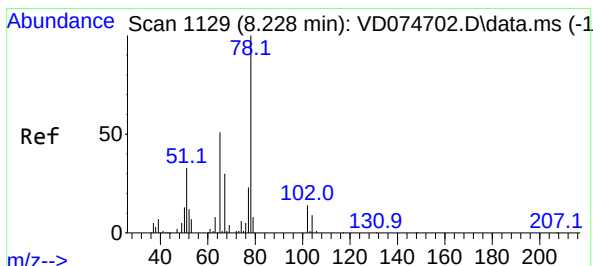
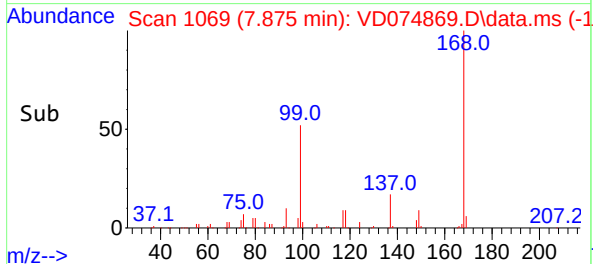
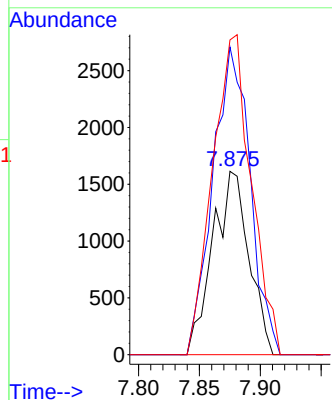
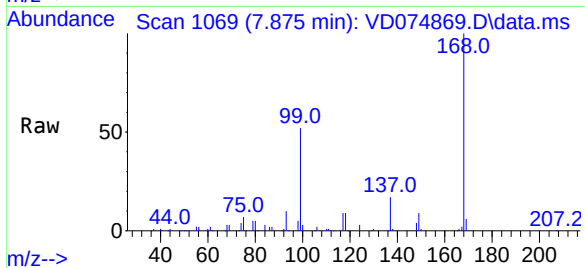
Tgt Ion: 56 Resp: 3340

Ion Ratio Lower Upper

56 100

69 167.7 29.2 43.8#

84 171.6 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 43.730 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074869.D

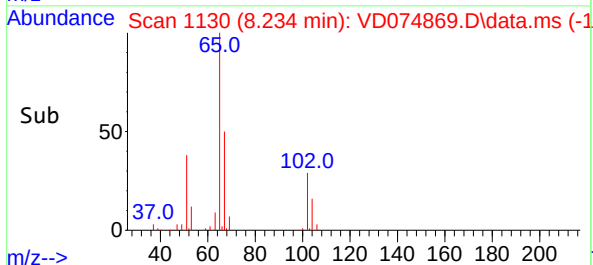
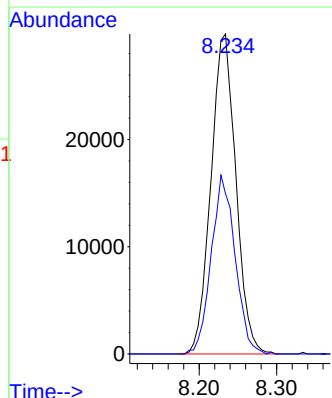
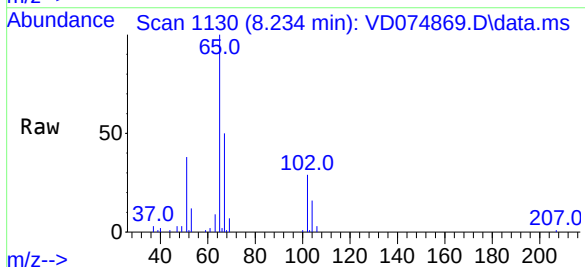
Acq: 10 Nov 2022 15:52

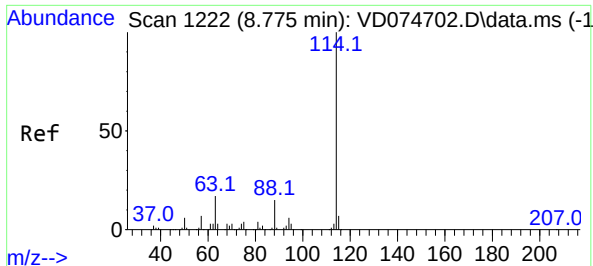
Tgt Ion: 65 Resp: 66694

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.2

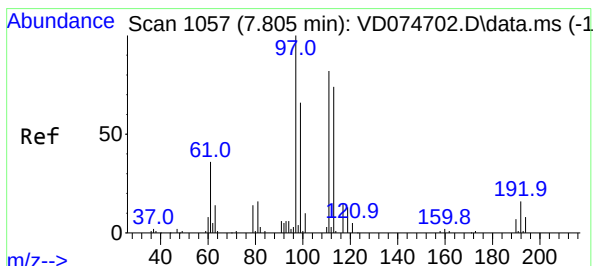
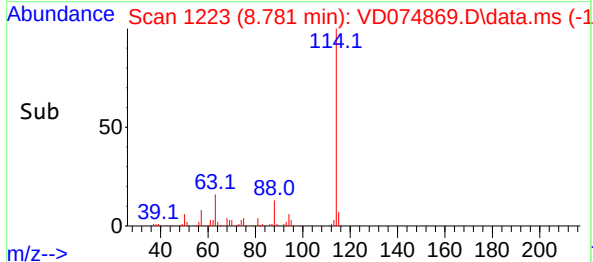
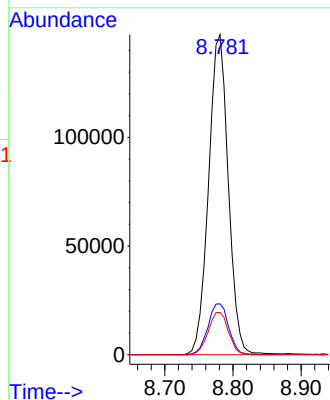
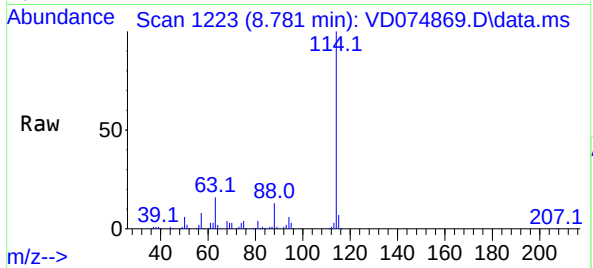




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

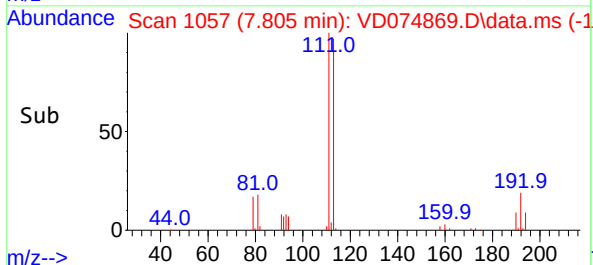
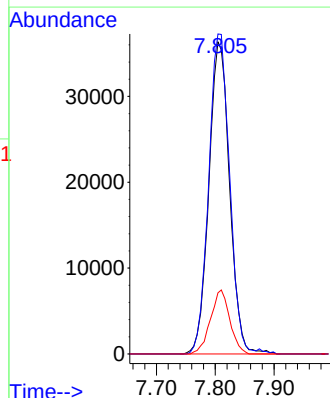
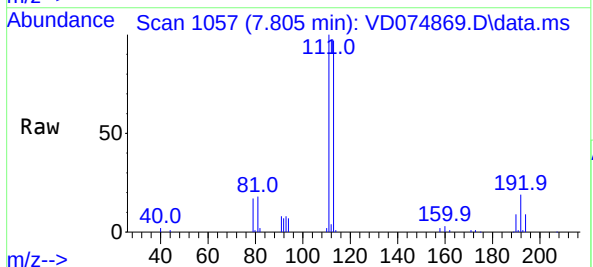
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-12RE

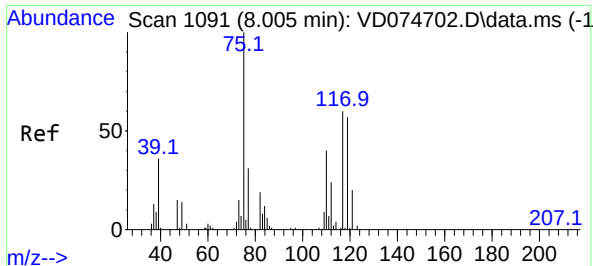
Tgt Ion:114 Resp: 296484
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.2
88 13.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

Tgt Ion:113 Resp: 89072
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.211 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.130 min

Lab File: VD074869.D

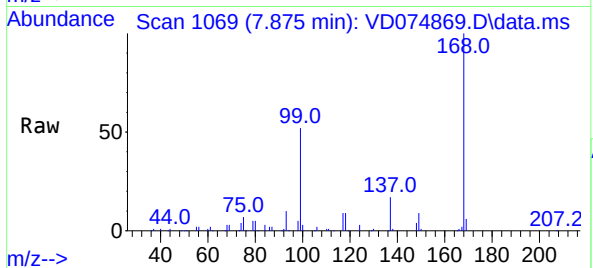
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Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-12RE



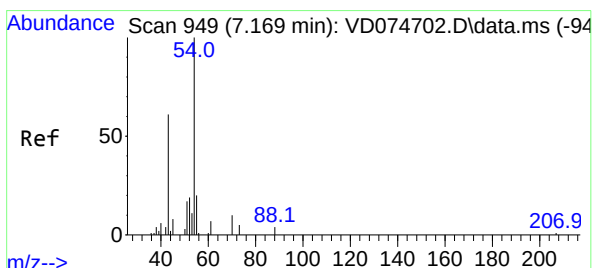
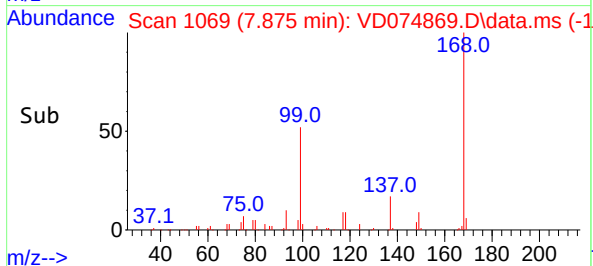
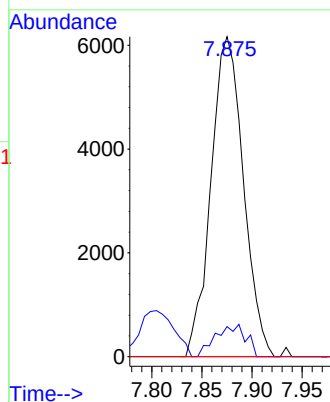
Tgt Ion: 75 Resp: 13873

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.406 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.106 min

Lab File: VD074869.D

Acq: 10 Nov 2022 15:52

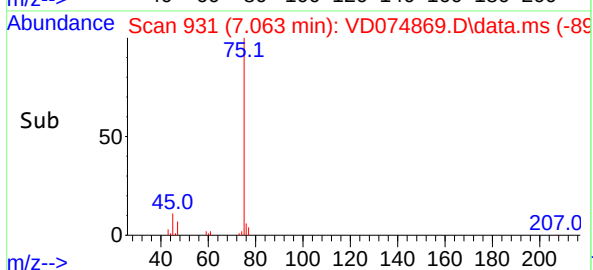
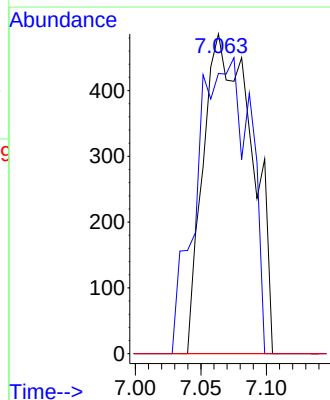
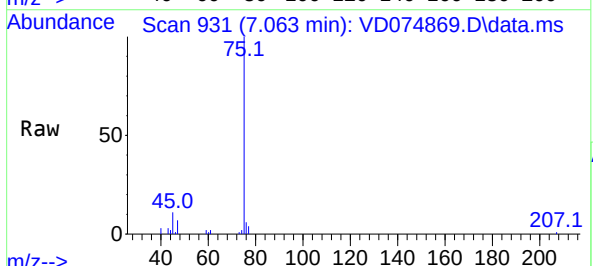
Tgt Ion: 43 Resp: 1249

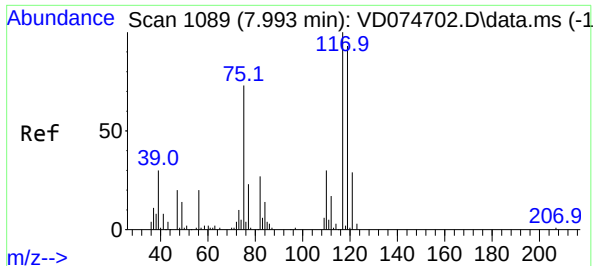
Ion Ratio Lower Upper

43 100

61 101.4 12.2 18.4#

70 0.0 9.6 14.4#





#38

Carbon Tetrachloride

Concen: 7.071 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074869.D

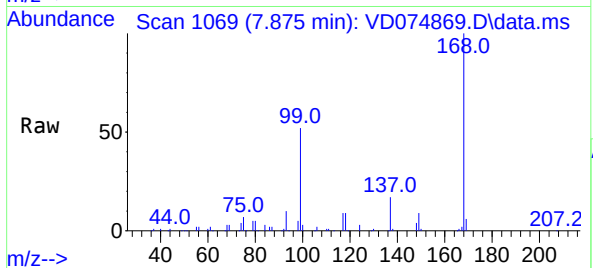
Acq: 10 Nov 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

250FERRYBLVD-TFS-12RE



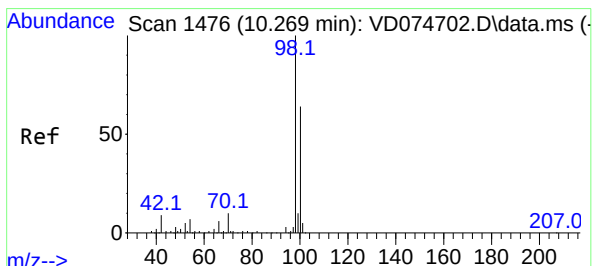
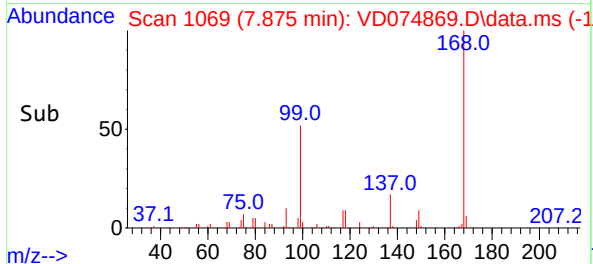
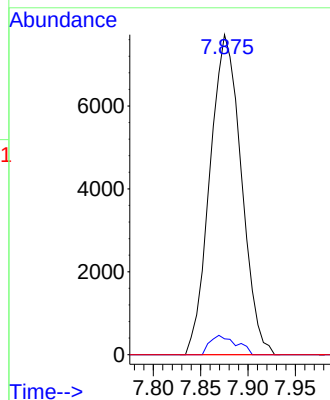
Tgt Ion:117 Resp: 17835

Ion Ratio Lower Upper

117 100

119 4.9 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 37.741 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074869.D

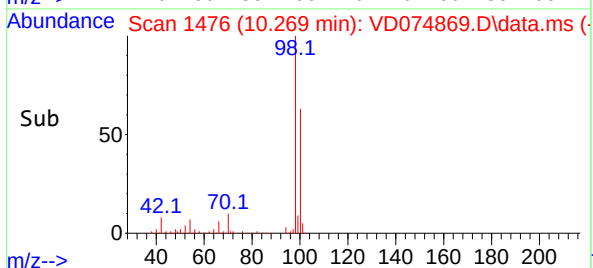
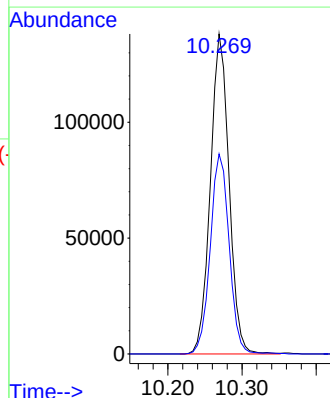
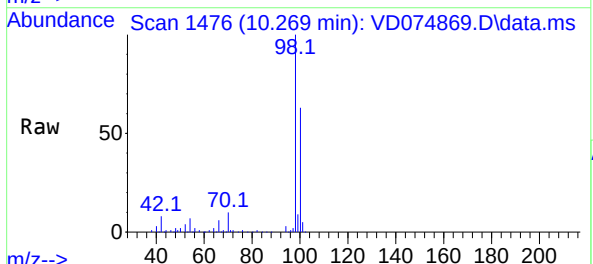
Acq: 10 Nov 2022 15:52

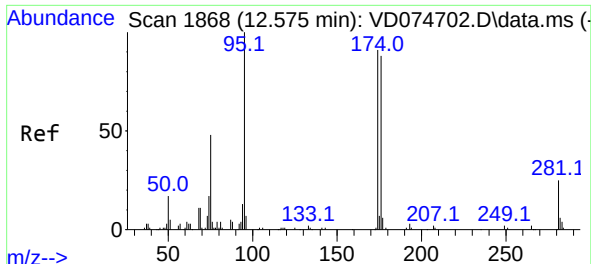
Tgt Ion: 98 Resp: 241443

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0

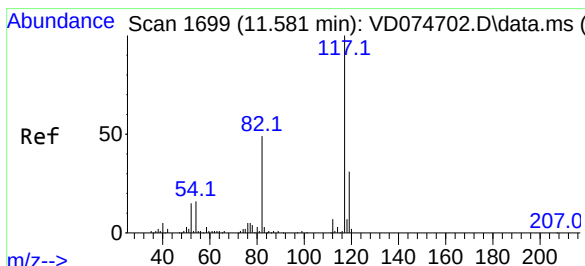
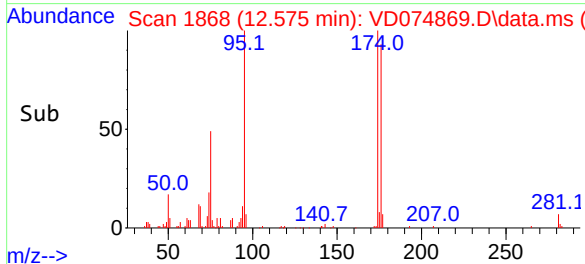
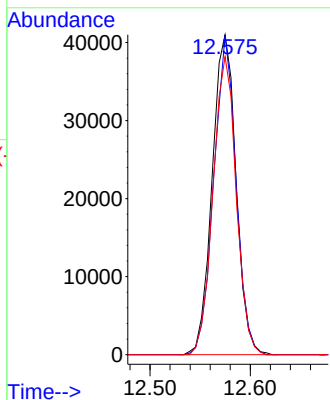
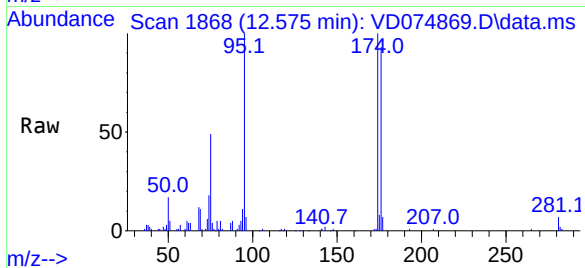




#62
4-Bromofluorobenzene
Concen: 36.502 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

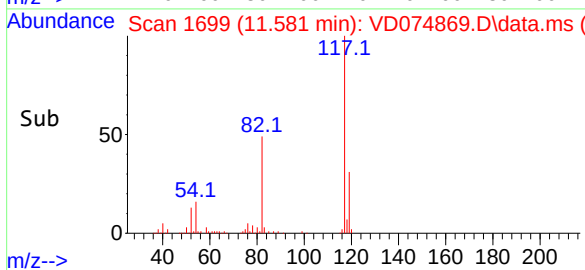
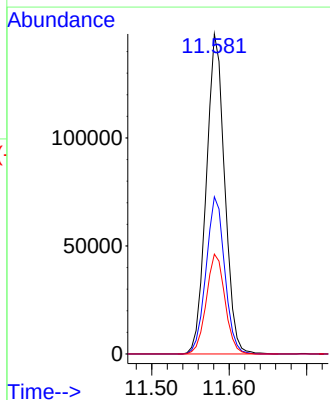
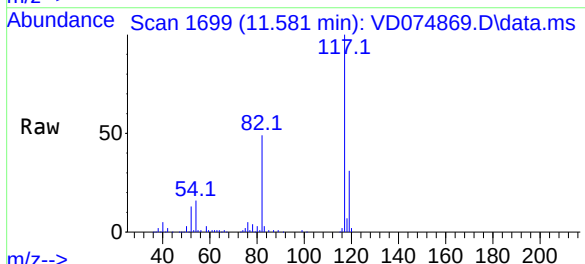
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-12RE

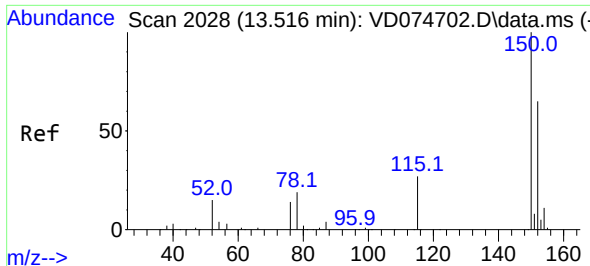
Tgt Ion:	95	Resp:	67425
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	197.0
176	90.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

Tgt Ion:	117	Resp:	244402
Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.6	62.4
119	31.2	25.2	37.8

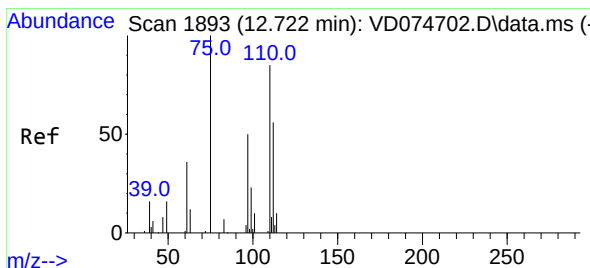
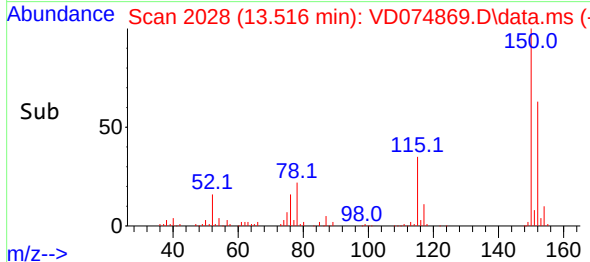
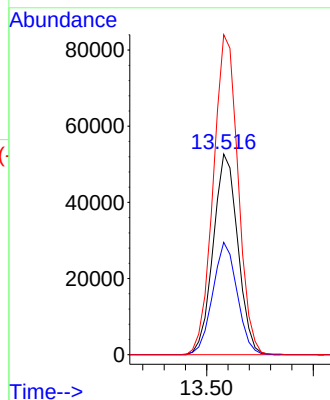
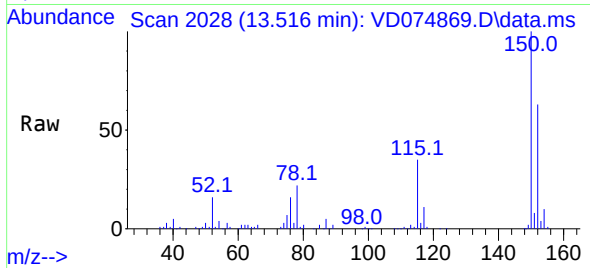




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

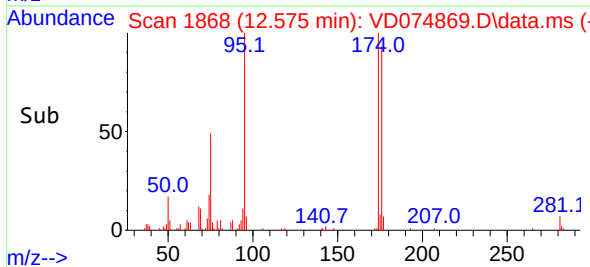
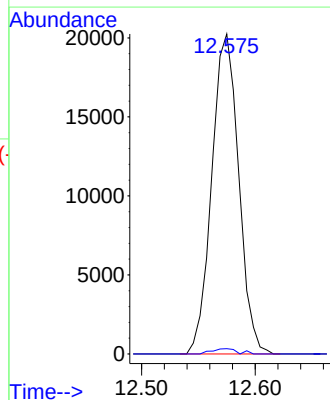
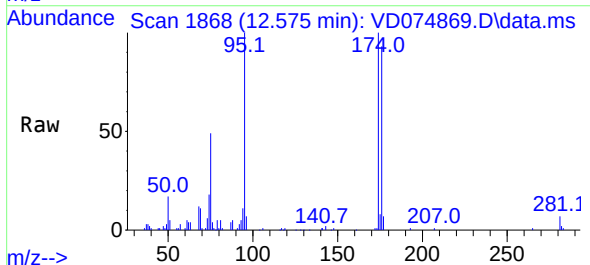
Instrument :
MSVOA_D
ClientSampleId :
250FERRYBLVD-TFS-12RE

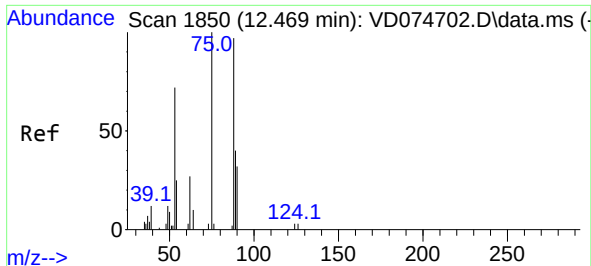
Tgt Ion:152 Resp: 84523
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 160.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 50.865 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074869.D
Acq: 10 Nov 2022 15:52

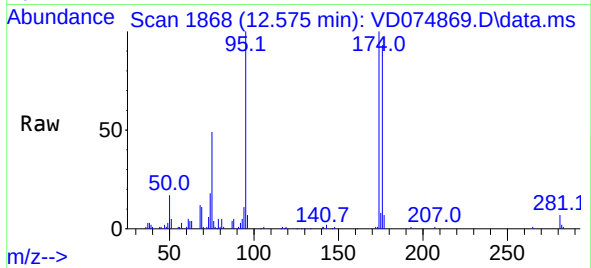
Tgt Ion: 75 Resp: 33328
Ion Ratio Lower Upper
75 100
77 1.6 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.741 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074869.D
 Acq: 10 Nov 2022 15:52

Instrument :
 MSVOA_D
 ClientSampleId :
 250FERRYBLVD-TFS-12RE



Tgt Ion:	75	Resp:	33328
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

