

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074276.D
 Acq On : 13 Sep 2022 20:09
 Operator : VA/SY
 Sample : N4569-01
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(0-5)

Quant Time: Sep 14 01:58:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

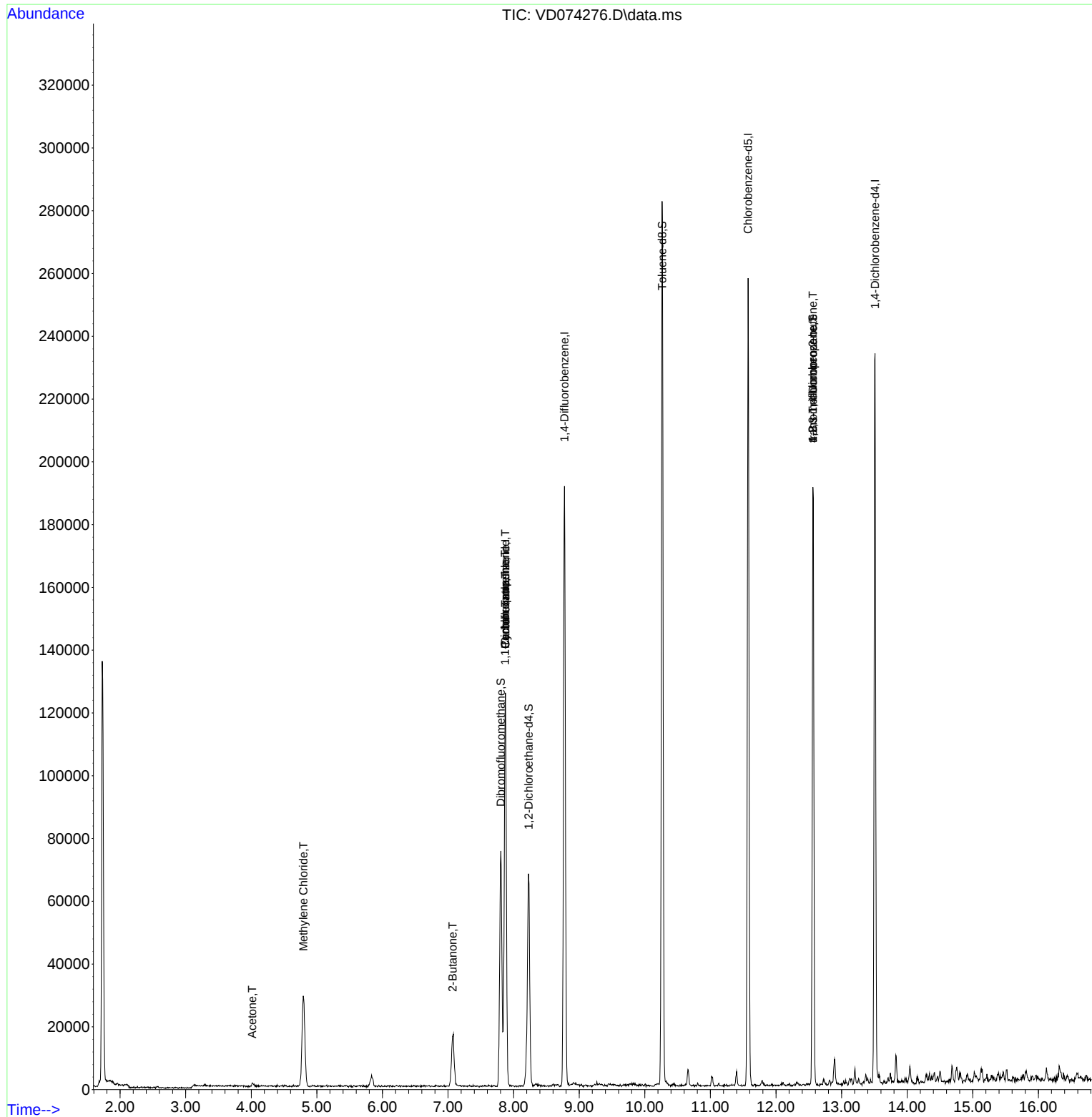
Internal Standards						
1) Pentafluorobenzene	7.875	168	97615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	148983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63564	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52216	52.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.940%			
35) Dibromofluoromethane	7.805	113	53909	46.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.540%			
50) Toluene-d8	10.263	98	197883	47.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.160%			
62) 4-Bromofluorobenzene	12.563	95	58065	37.881	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.760%			
Target Compounds						Qvalue
16) Acetone	4.017	43	1574	7.662	ug/l	93
20) Methylene Chloride	4.793	84	22464	13.527	ug/l	97
25) 2-Butanone	7.069	43	499	1.456	ug/l #	48
31) Cyclohexane	7.875	56	2264	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	7679	4.138	ug/l #	48
38) Carbon Tetrachloride	7.875	117	9775	5.822	ug/l #	14
76) 1,2,3-Trichloropropane	12.563	75	30452	46.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	30452	115.221	ug/l #	100

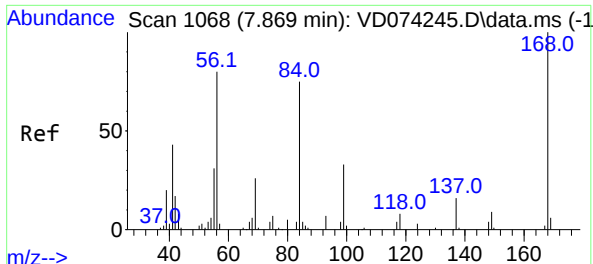
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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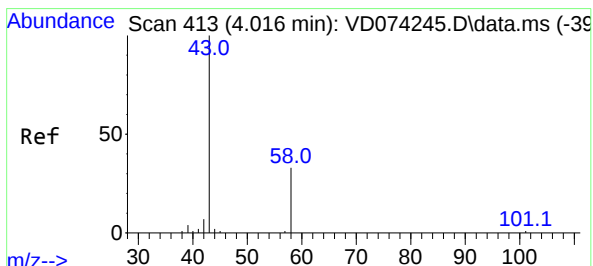
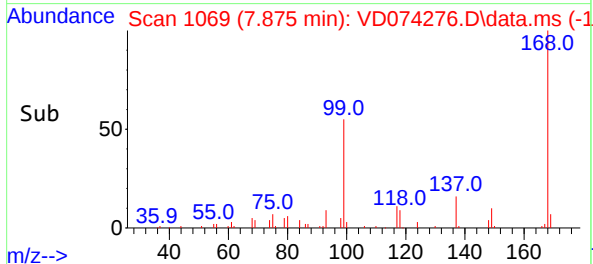
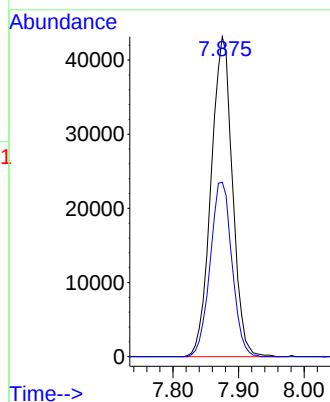
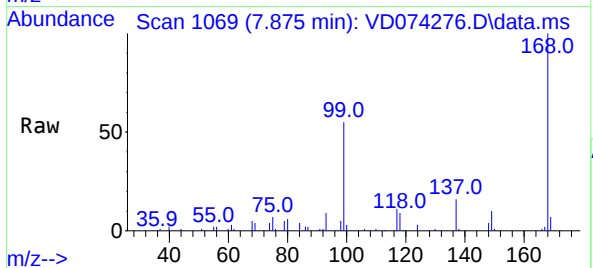




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

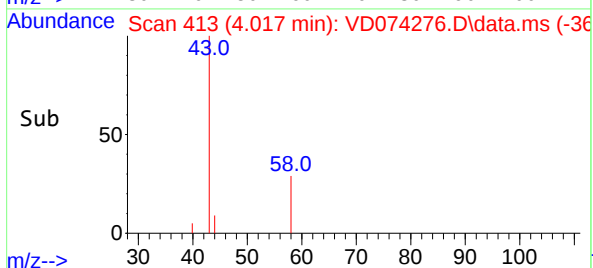
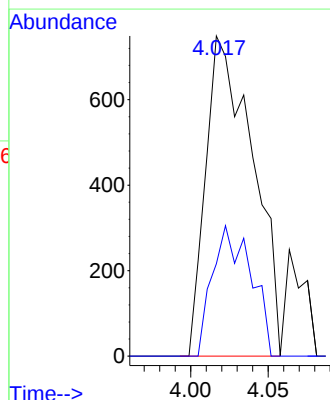
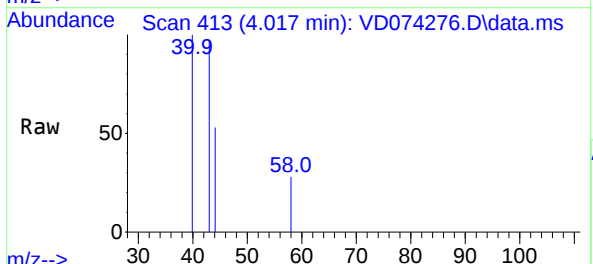
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(0-5)

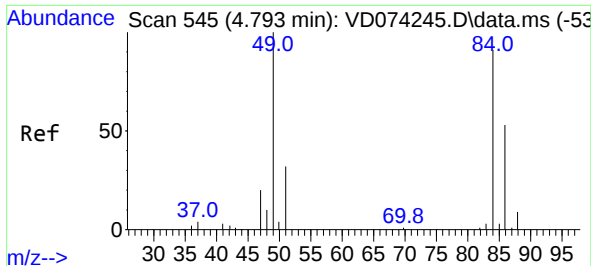
Tgt Ion:168 Resp: 97615
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#16
Acetone
Concen: 7.662 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 28.8 26.4 39.6





#20

Methylene Chloride

Concen: 13.527 ug/l

RT: 4.793 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)

Tgt Ion: 84 Resp: 22464

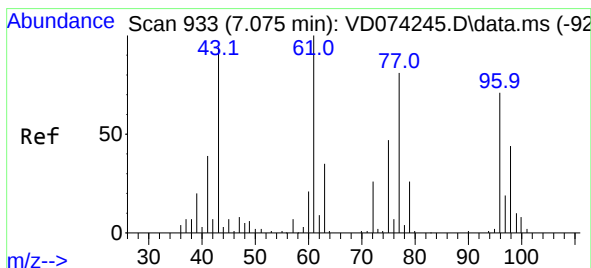
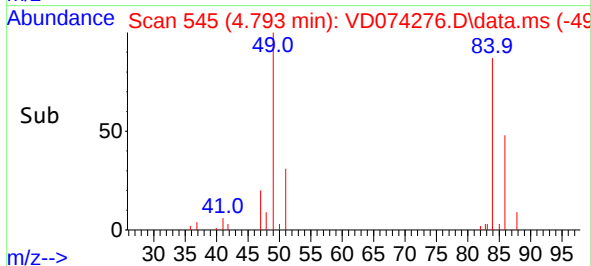
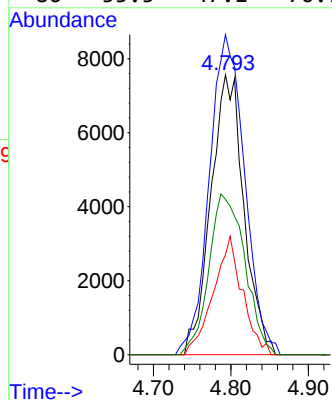
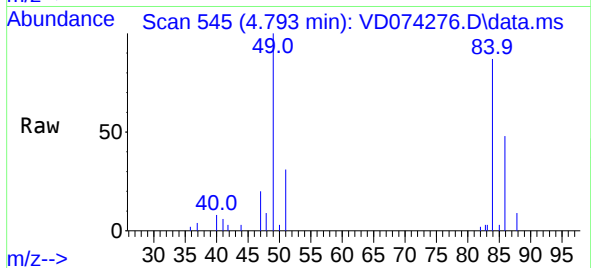
Ion Ratio Lower Upper

84 100

49 114.4 88.4 132.6

51 35.7 28.0 42.0

86 55.5 47.1 70.7



#25

2-Butanone

Concen: 1.456 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD074276.D

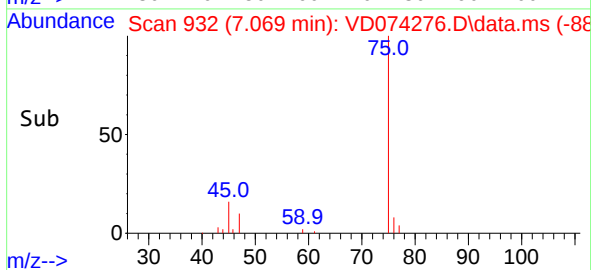
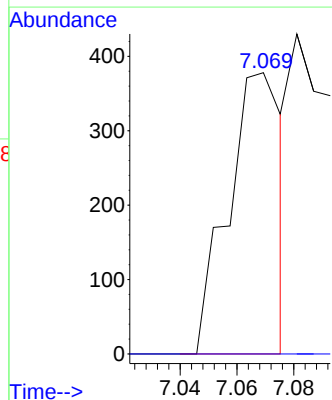
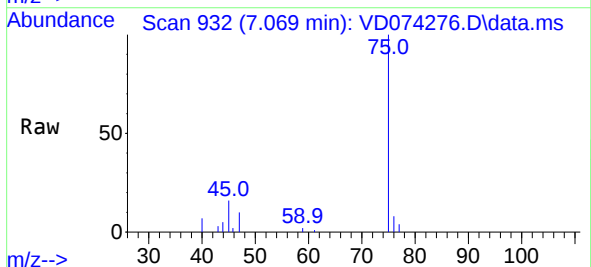
Acq: 13 Sep 2022 20:09

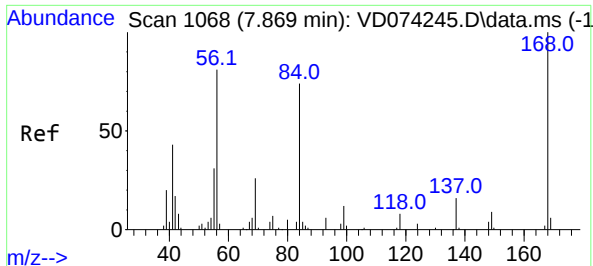
Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)

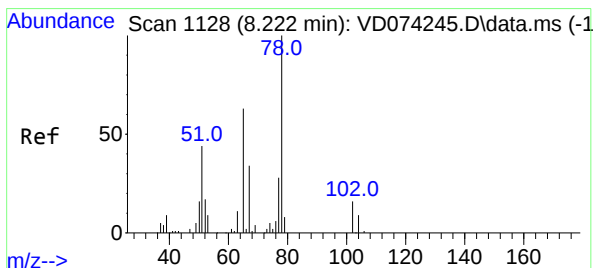
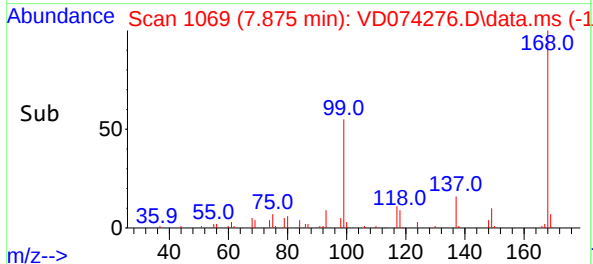
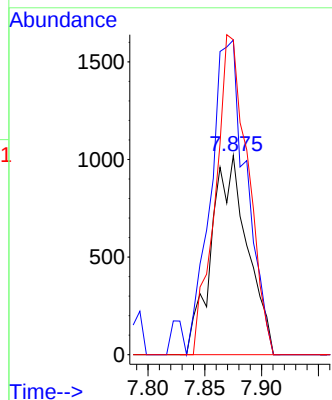
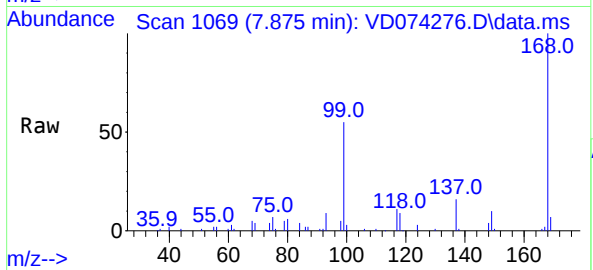
Tgt Ion: 56 Resp: 2264

Ion Ratio Lower Upper

56 100

69 157.9 25.7 38.5#

84 158.1 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074276.D

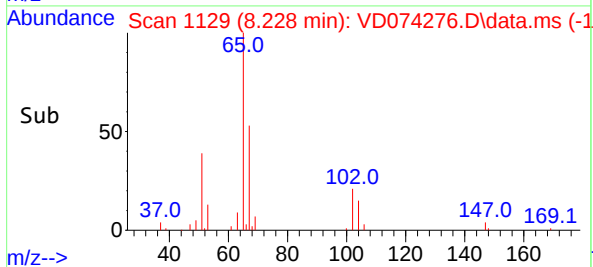
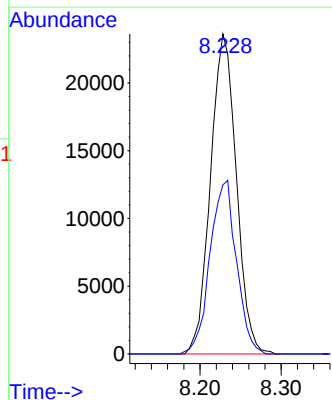
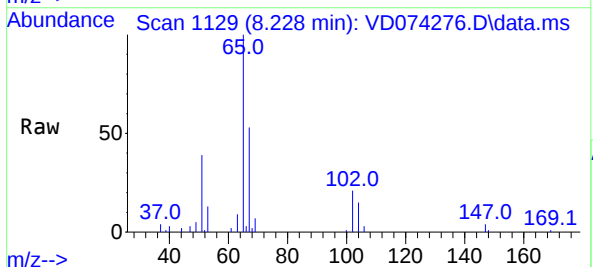
Acq: 13 Sep 2022 20:09

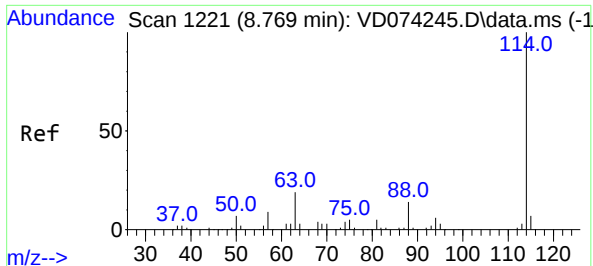
Tgt Ion: 65 Resp: 52216

Ion Ratio Lower Upper

65 100

67 55.4 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: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)

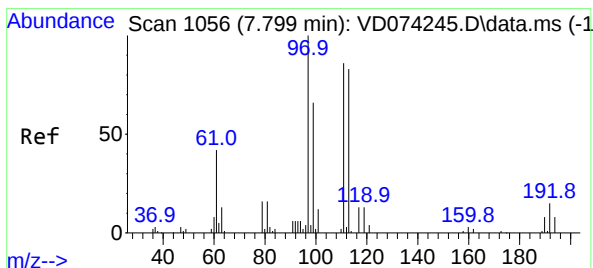
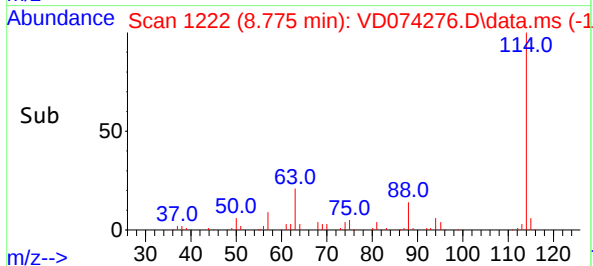
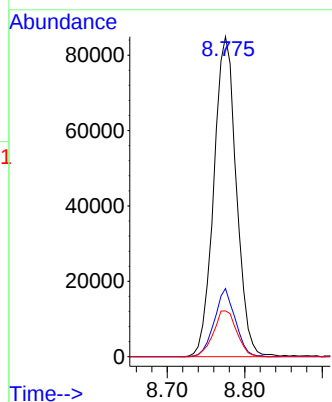
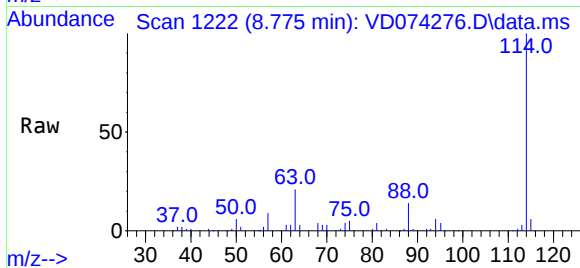
Tgt Ion:114 Resp: 171450

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.6

88 14.3 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.772 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

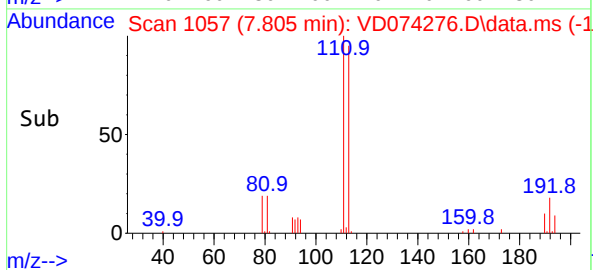
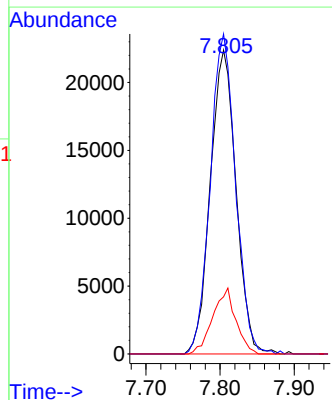
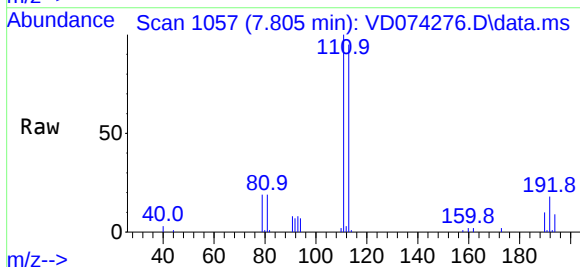
Tgt Ion:113 Resp: 53909

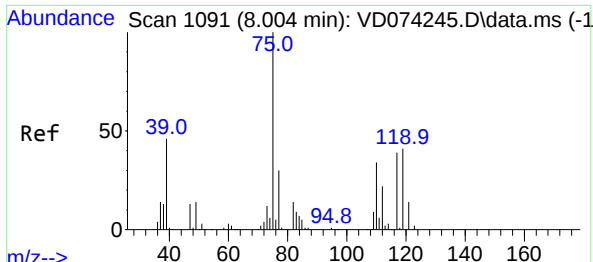
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

192 19.5 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.138 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)

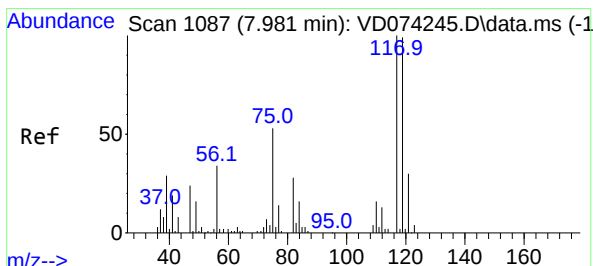
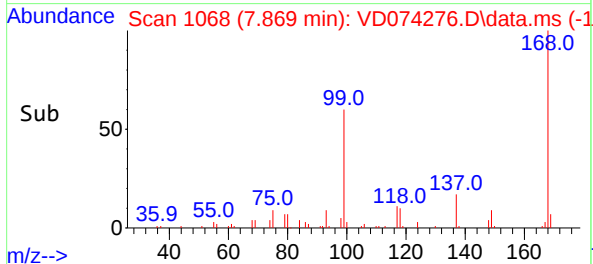
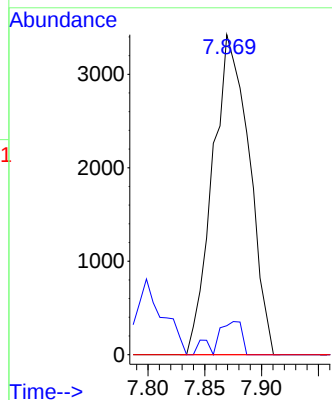
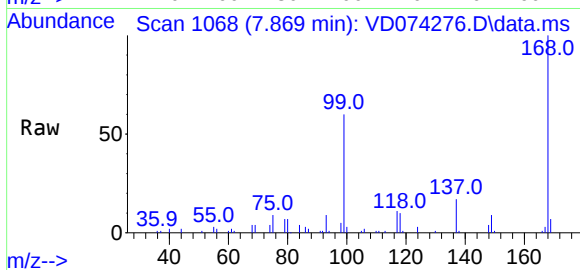
Tgt Ion: 75 Resp: 7679

Ion Ratio Lower Upper

75 100

110 7.4 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.822 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.106 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

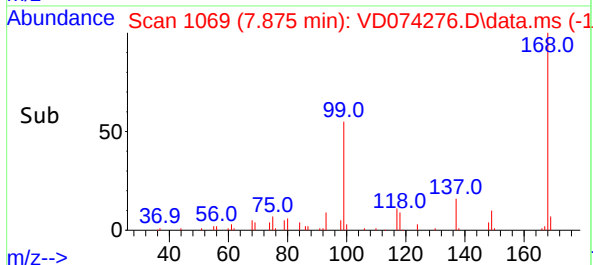
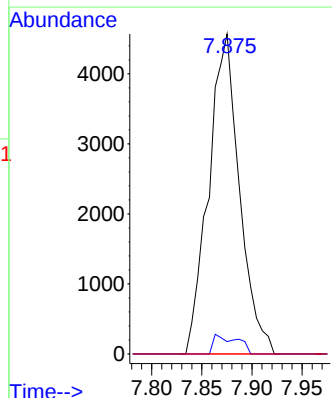
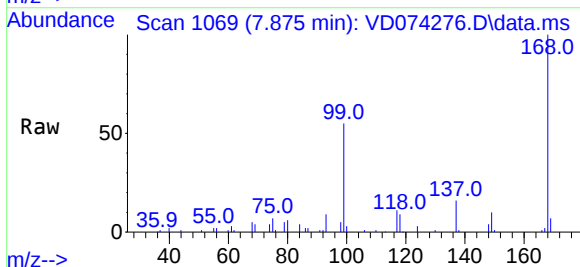
Tgt Ion: 117 Resp: 9775

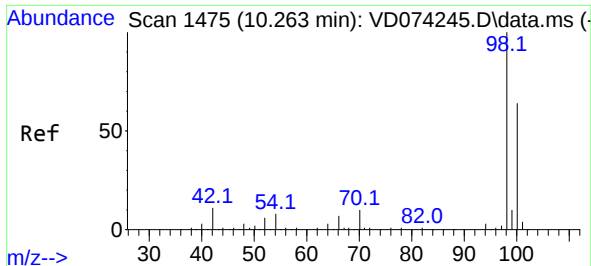
Ion Ratio Lower Upper

117 100

119 3.8 78.8 118.2#

121 0.0 23.9 35.9#

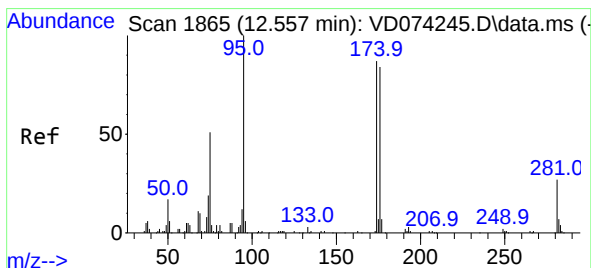
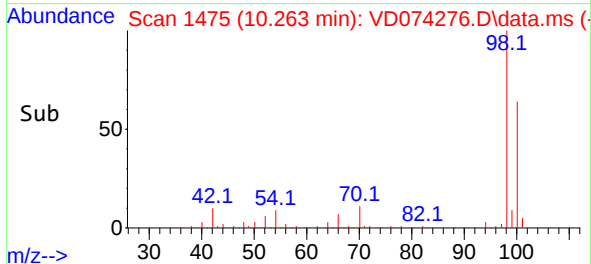
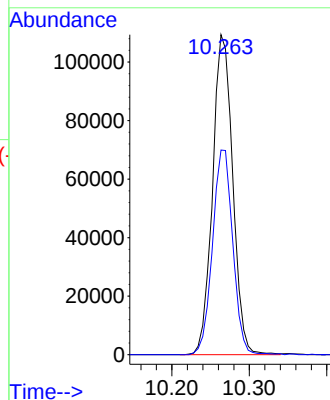
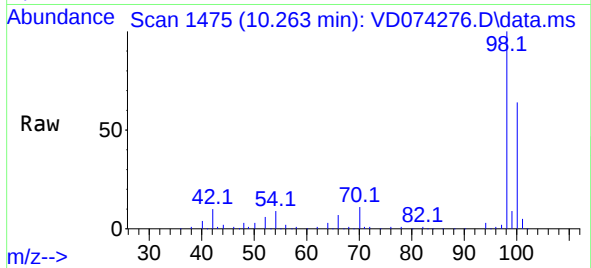




#50
Toluene-d8
Concen: 47.084 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

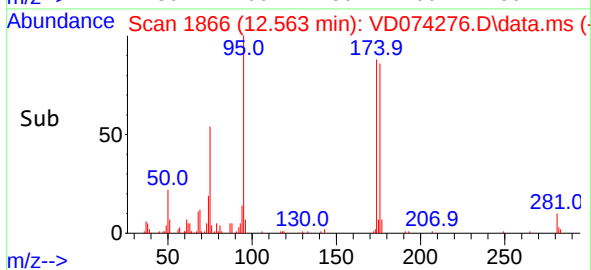
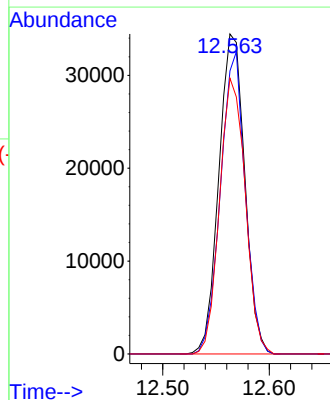
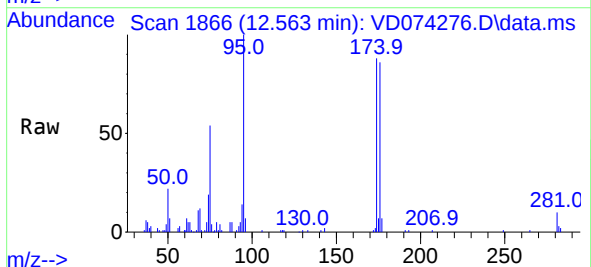
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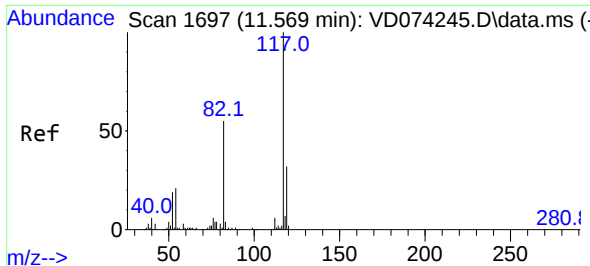
Tgt Ion: 98 Resp: 197883
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.881 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion: 95 Resp: 58065
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.2
176 85.4 0.0 171.4

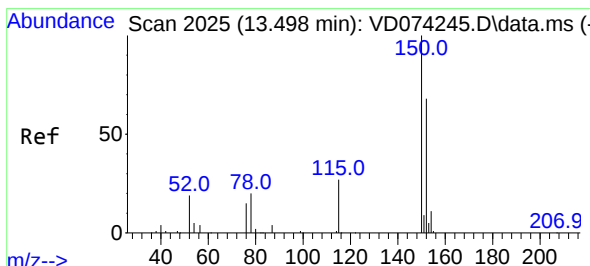
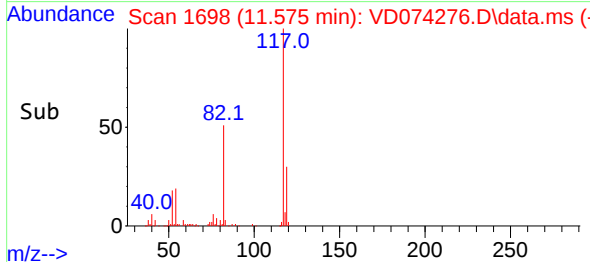
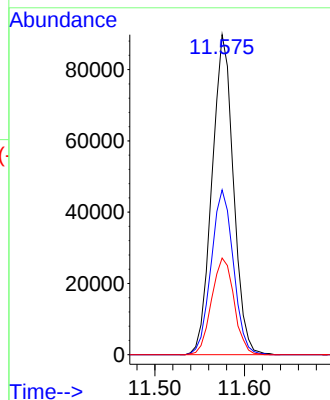
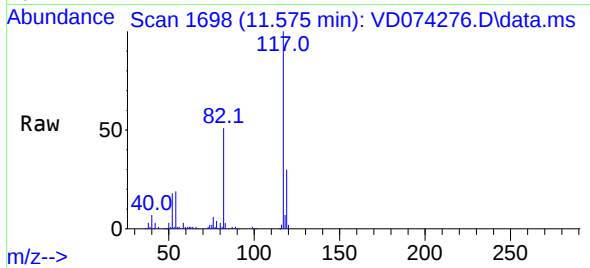




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

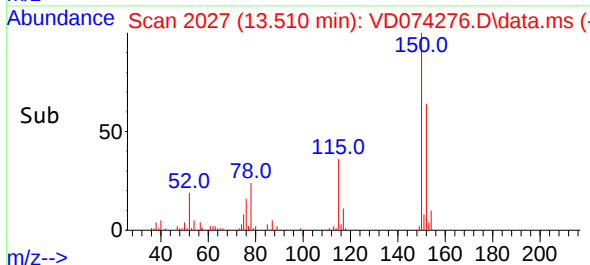
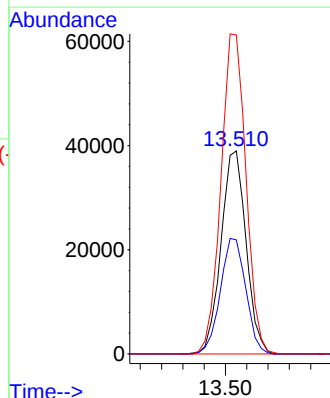
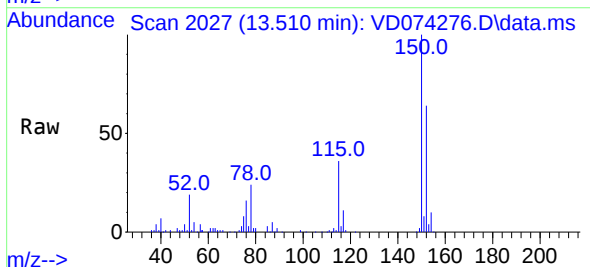
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(0-5)

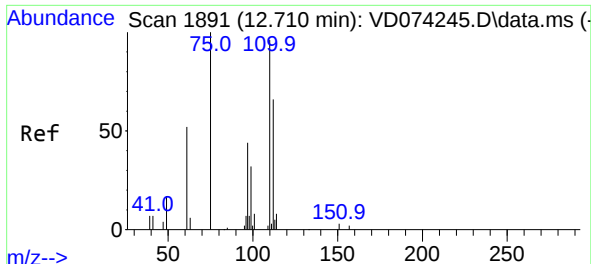
Tgt Ion:117 Resp: 148983
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 30.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion:152 Resp: 63564
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 157.4 0.0 351.0

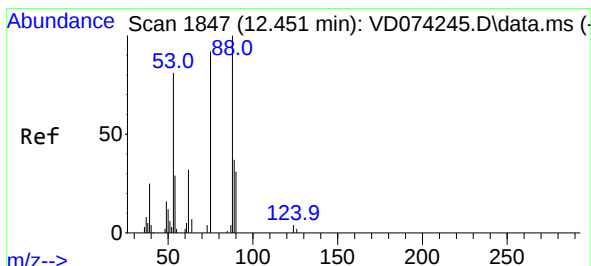
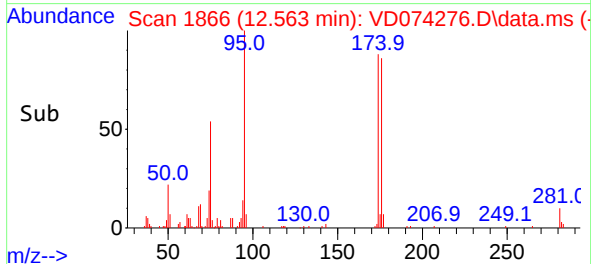
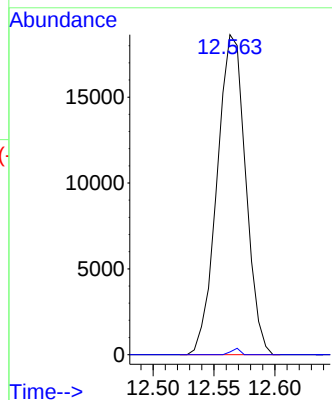
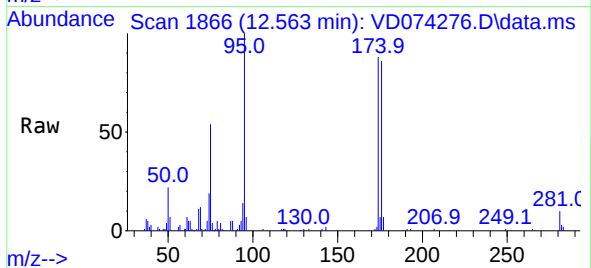




#76
1,2,3-Trichloropropane
Concen: 46.732 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(0-5)

Tgt Ion: 75 Resp: 30452
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.221 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion: 75 Resp: 30452
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

