

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075276.D
 Acq On : 08 Feb 2023 17:17
 Operator : KP/SY
 Sample : 01478-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-02072023

Quant Time: Feb 09 05:42:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

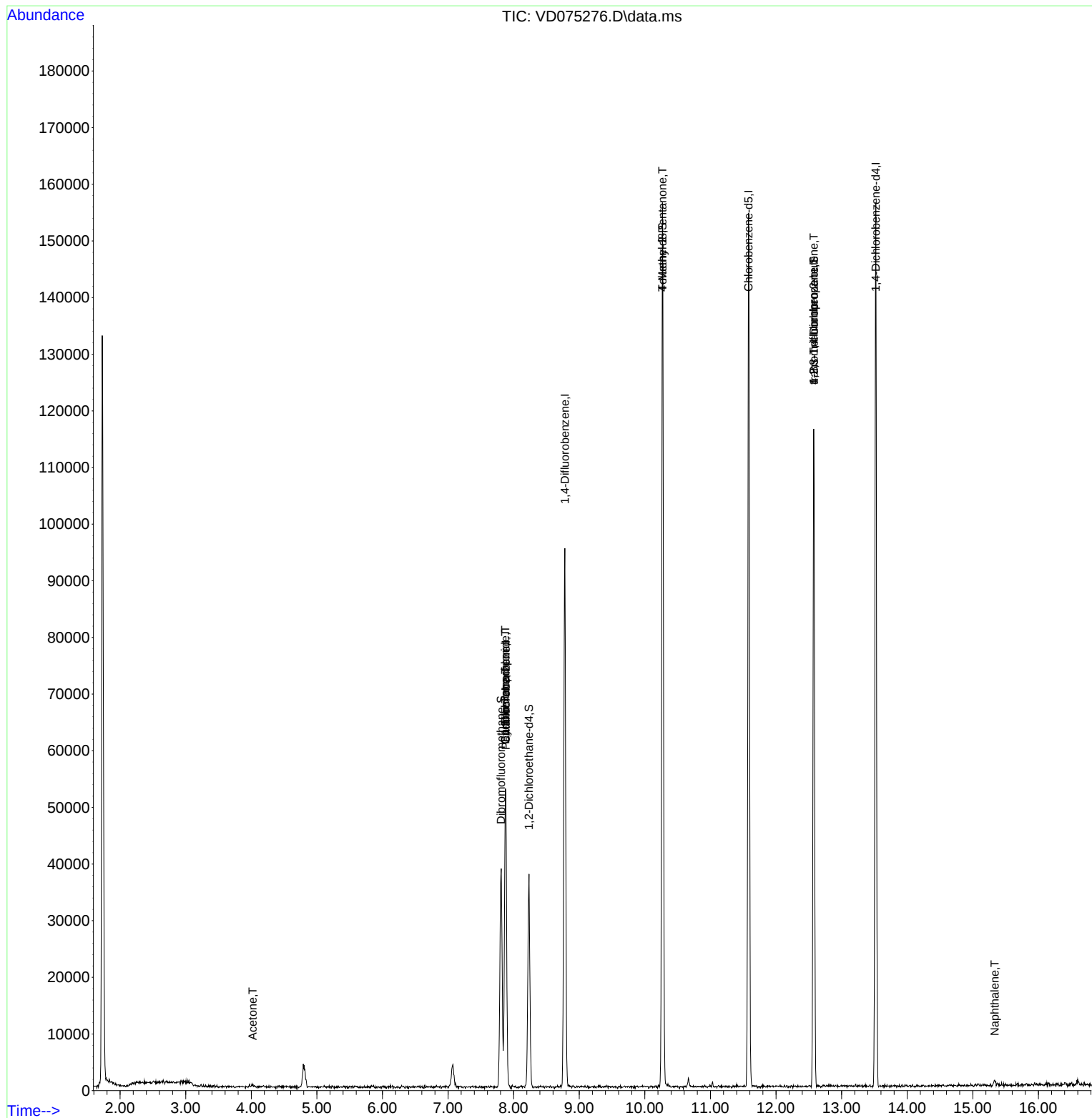
Internal Standards						
1) Pentafluorobenzene	7.881	168	40342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	80801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27861	58.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.810	113	27830	49.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.269	98	103458	48.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.575	95	35629	50.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	954	7.627	ug/l #	77
20) Methylene Chloride	4.805	84	3043	Below Cal	#	80
31) Cyclohexane	7.875	56	1095	1.304	ug/l #	20
36) 1,1-Dichloropropene	7.875	75	3174	3.596	ug/l #	43
38) Carbon Tetrachloride	7.875	117	4321	5.283	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	537	1.444	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	19145	42.894	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	19145	135.495	ug/l #	14
95) Naphthalene	15.334	128	1506	1.022	ug/l #	69

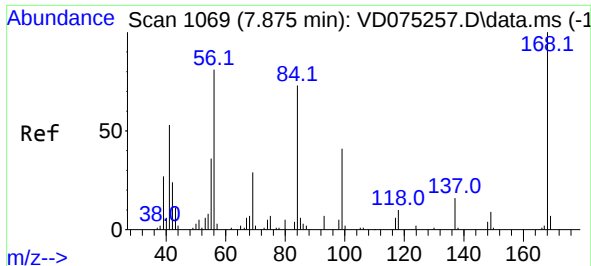
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

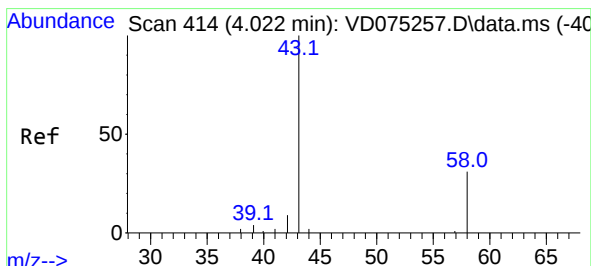
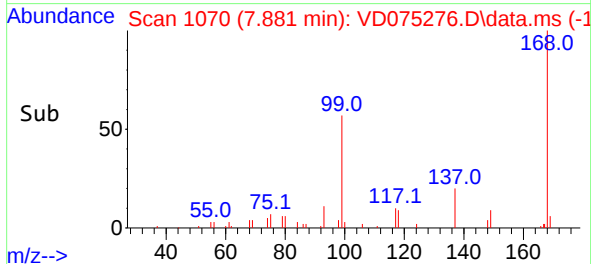
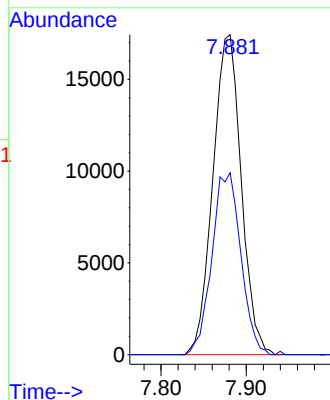
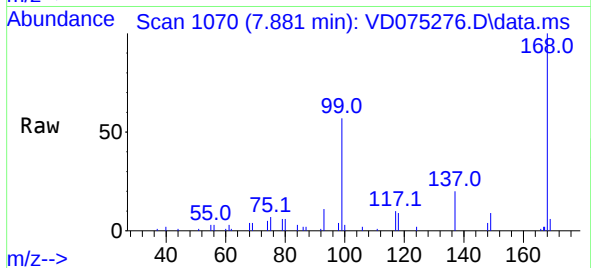




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

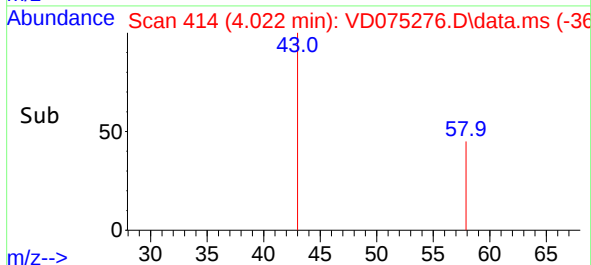
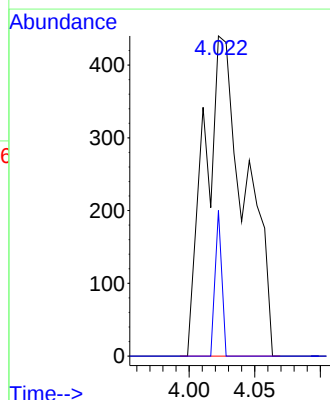
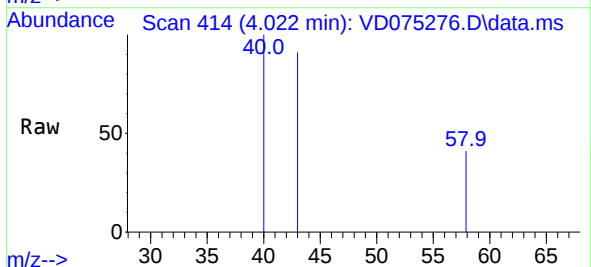
Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

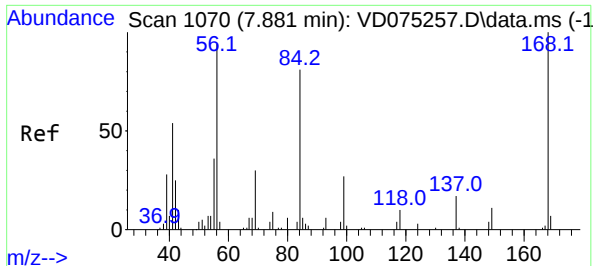
Tgt Ion:168 Resp: 40342
Ion Ratio Lower Upper
168 100
99 56.9 45.2 67.8



#16
Acetone
Concen: 7.627 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

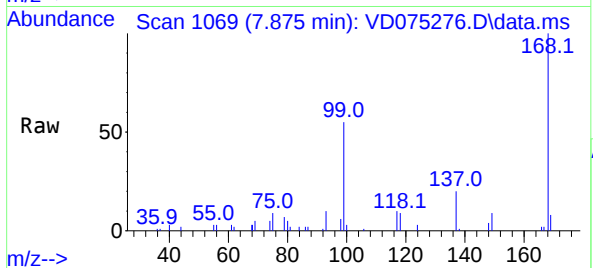
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 45.5 26.0 39.0#



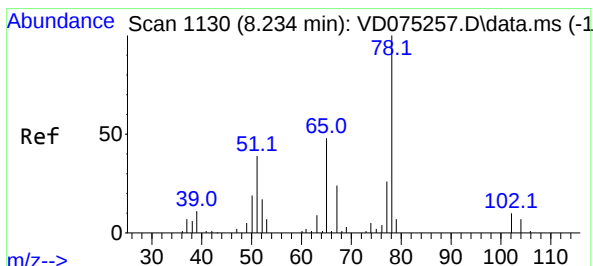
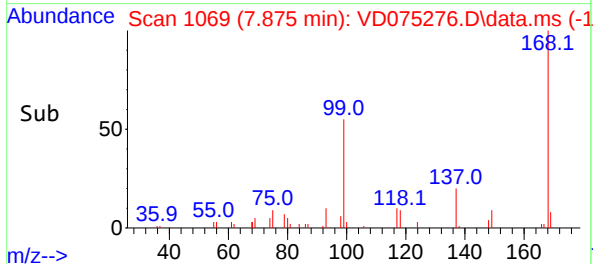
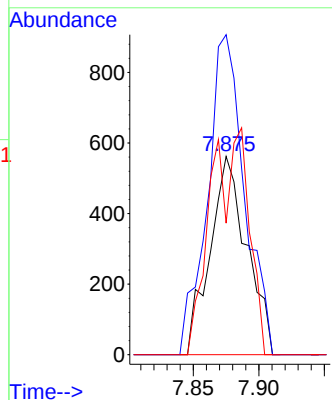


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

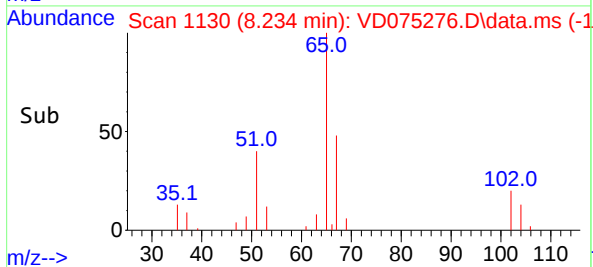
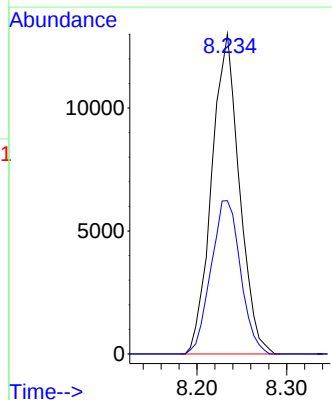
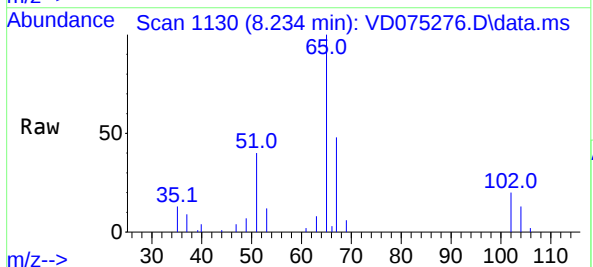


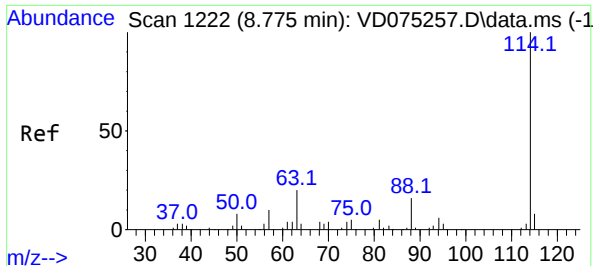
Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
69 161.4 26.6 40.0#
84 66.4 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 58.897 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 65 Resp: 27861
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075276.D

Acq: 08 Feb 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

SU-04-02072023

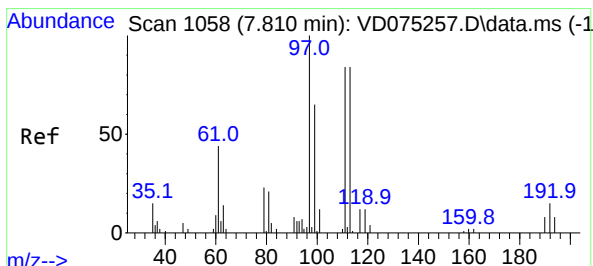
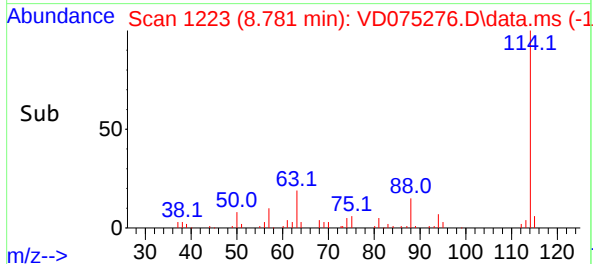
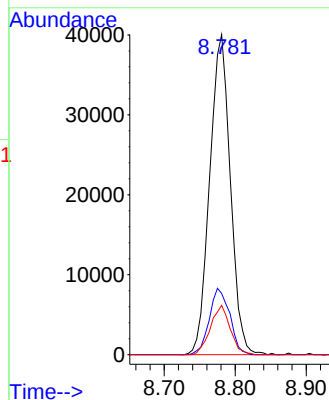
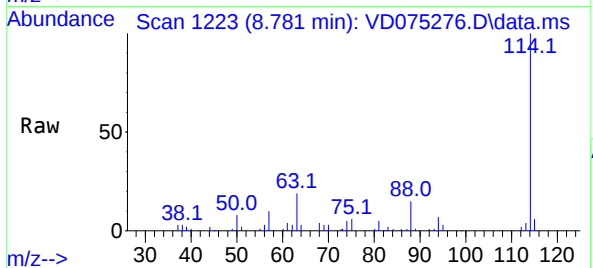
Tgt Ion:114 Resp: 80801

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.120 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075276.D

Acq: 08 Feb 2023 17:17

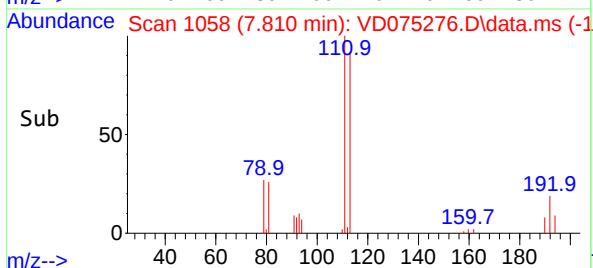
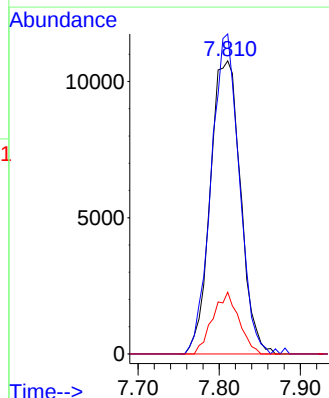
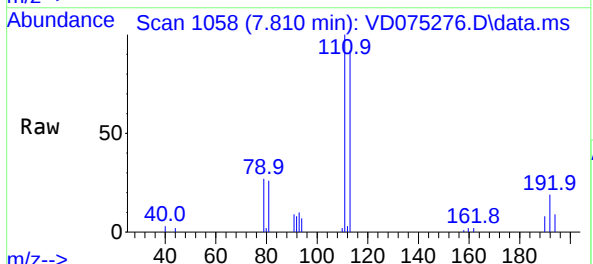
Tgt Ion:113 Resp: 27830

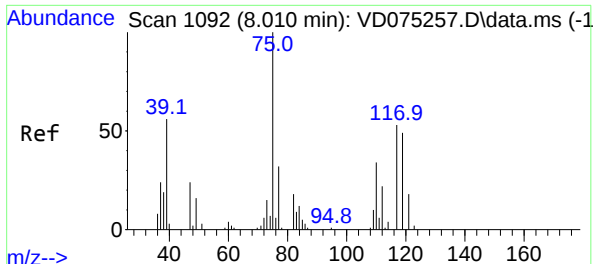
Ion Ratio Lower Upper

113 100

111 101.5 80.1 120.1

192 18.3 15.4 23.0

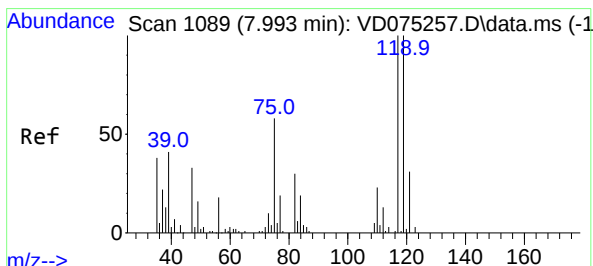
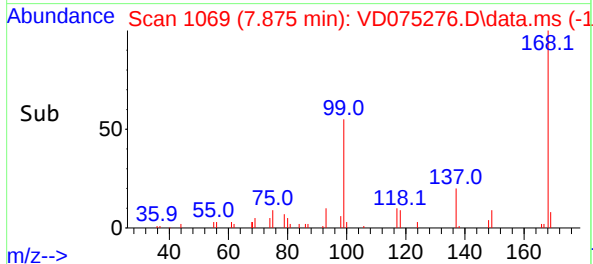
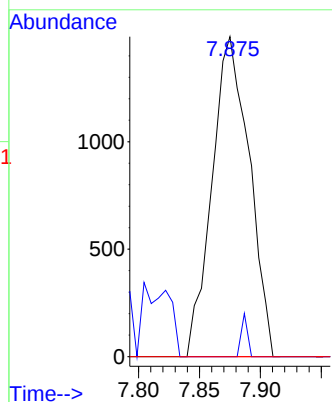
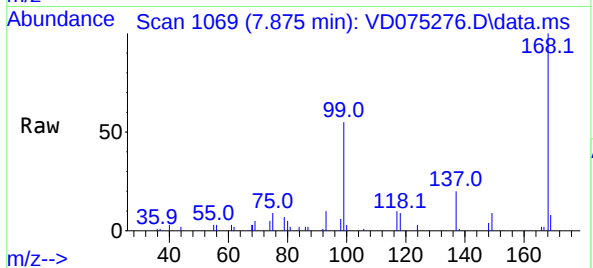




#36
1,1-Dichloropropene
Concen: 3.596 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

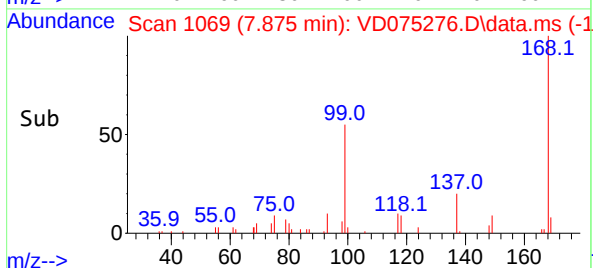
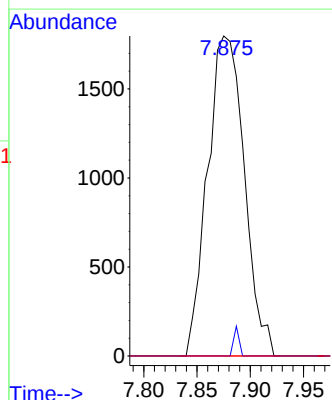
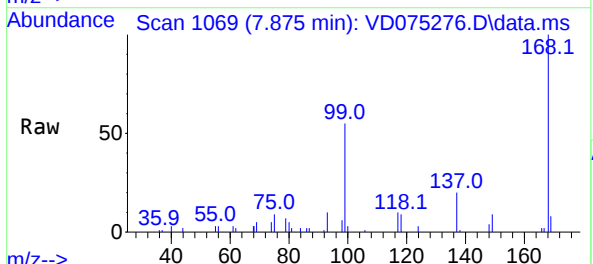
Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

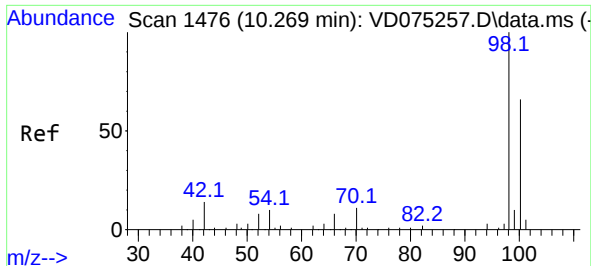
Tgt Ion: 75 Resp: 3174
Ion Ratio Lower Upper
75 100
110 2.2 18.1 54.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 117 Resp: 4321
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#

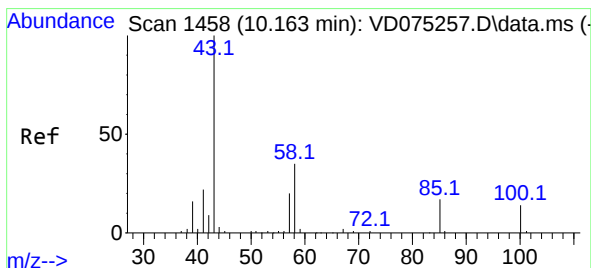
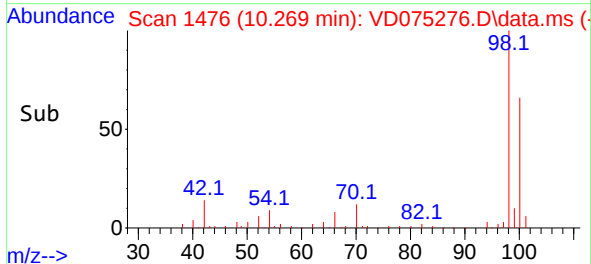
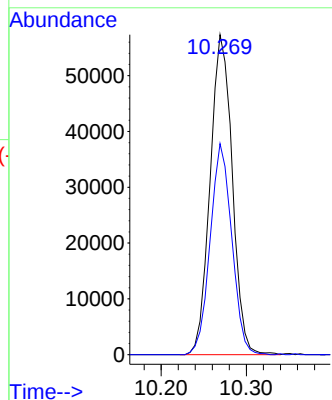
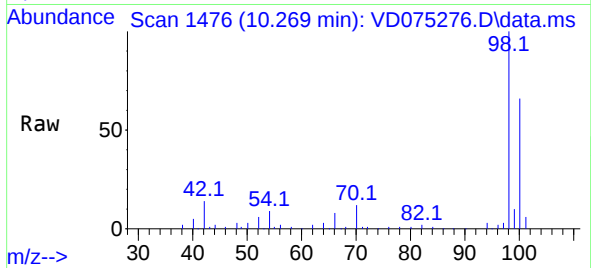




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

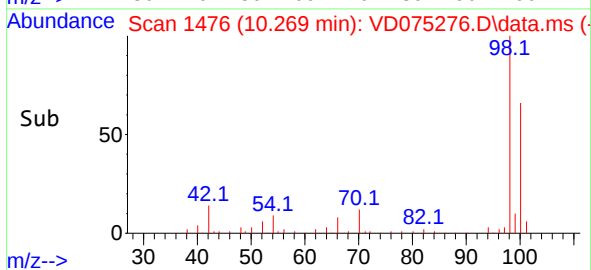
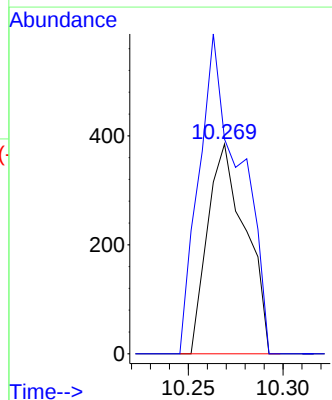
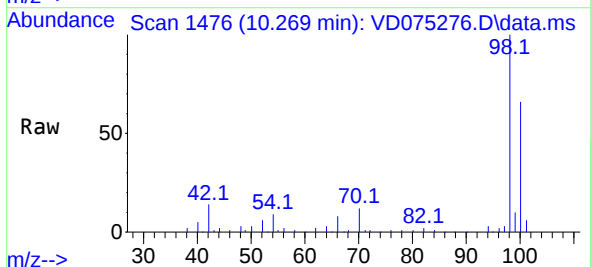
Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

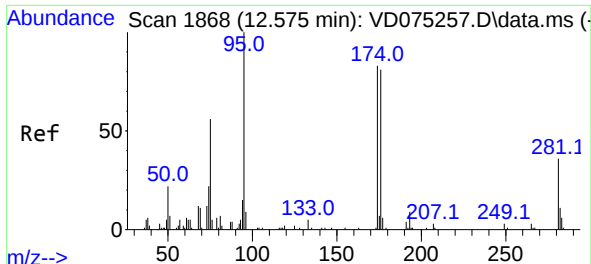
Tgt Ion: 98 Resp: 103458
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.444 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 164.8 31.4 47.0#

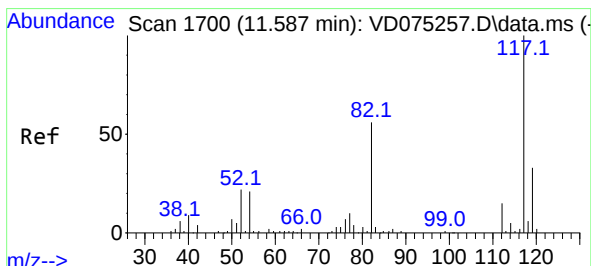
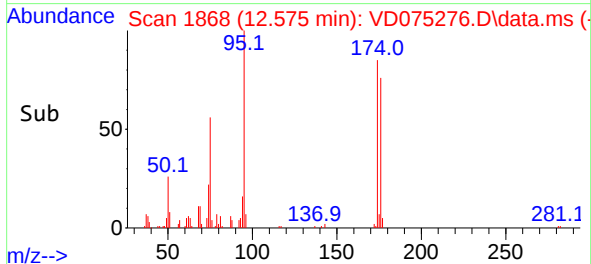
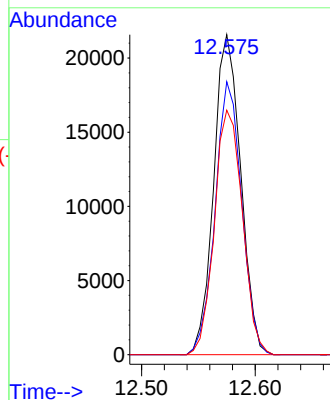
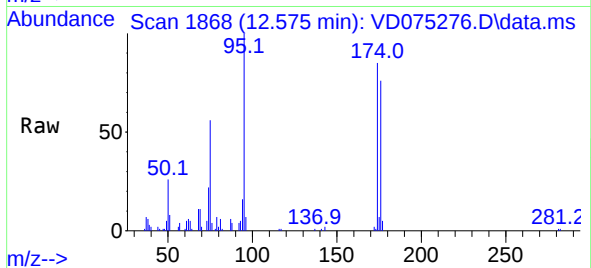




#62
4-Bromofluorobenzene
Concen: 50.289 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

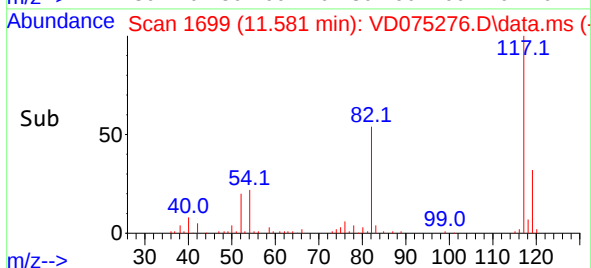
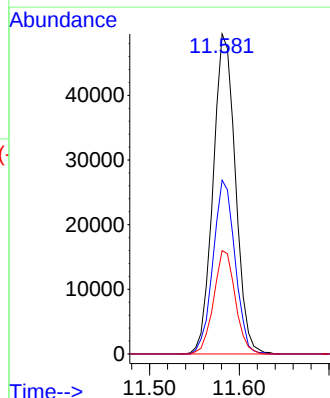
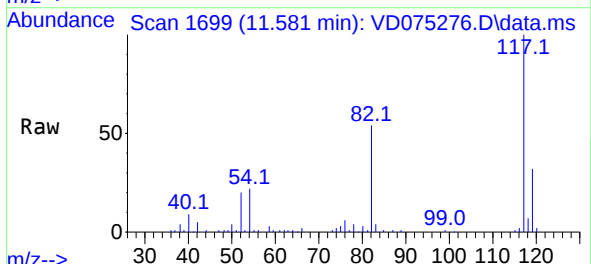
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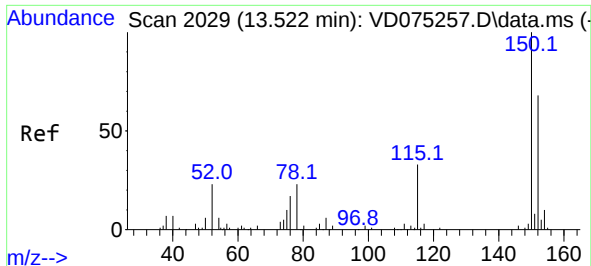
Tgt Ion:	95	Resp:	35629
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	161.2
176	79.3	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion:	117	Resp:	85531
Ion	Ratio	Lower	Upper
117	100		
82	54.3	39.6	59.4
119	32.3	24.6	37.0

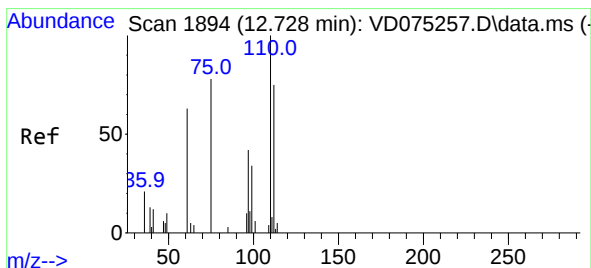
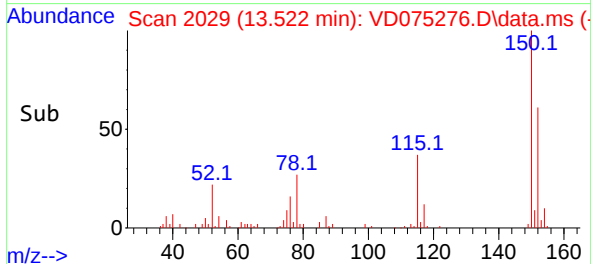
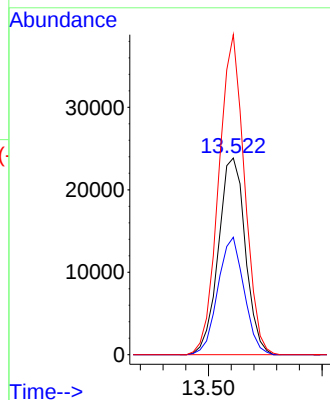
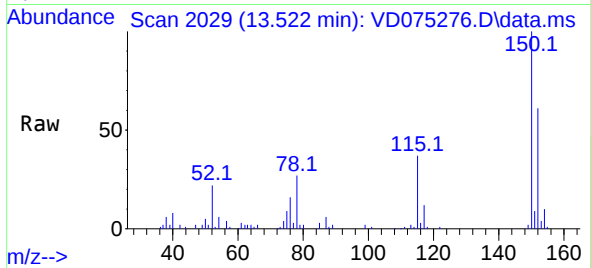




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

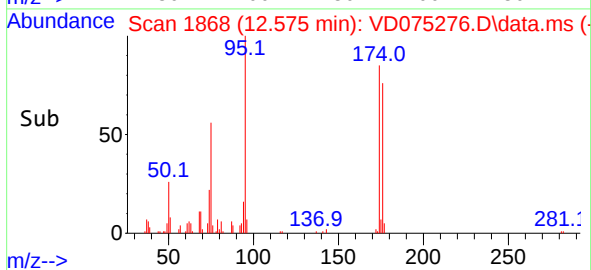
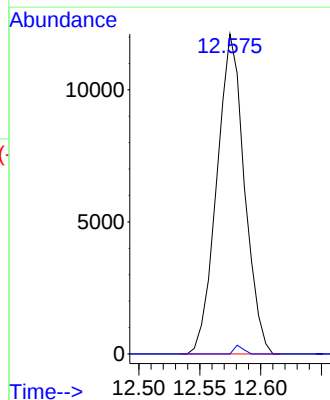
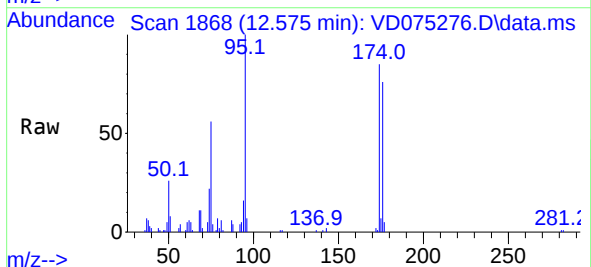
Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

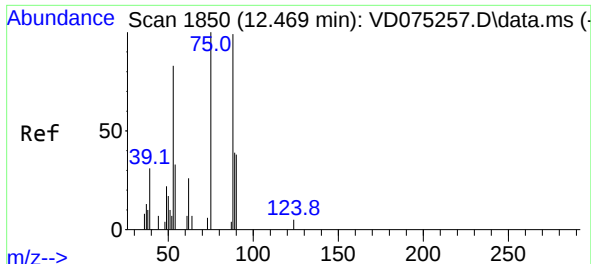
Tgt Ion:152 Resp: 39295
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 155.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 42.894 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 75 Resp: 19145
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

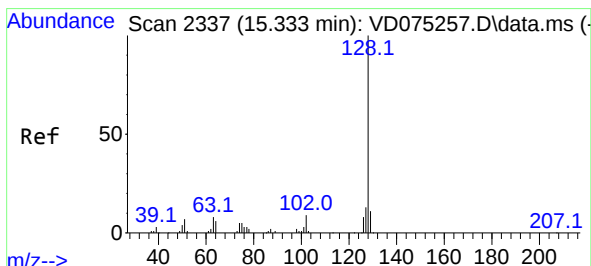
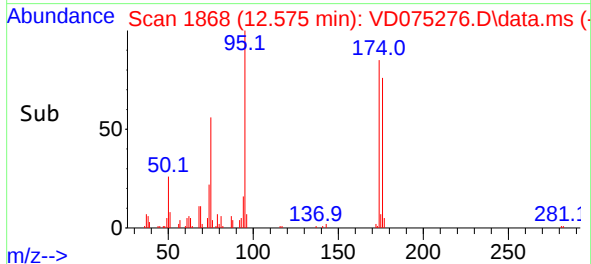
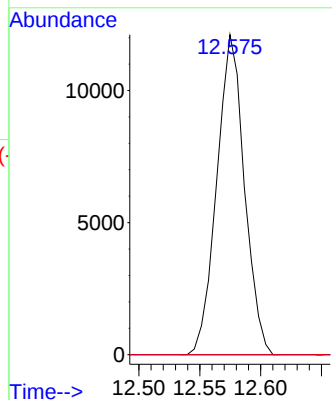
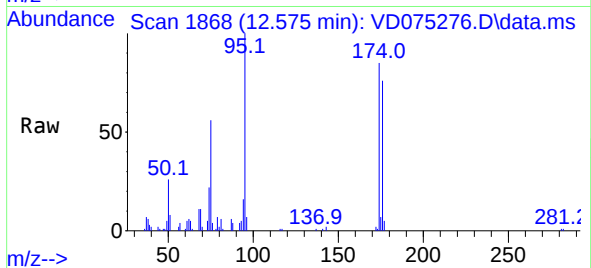




#81
trans-1,4-Dichloro-2-butene
Concen: 135.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

Tgt Ion: 75 Resp: 19145
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 1.022 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 128 Resp: 1506
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

