

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD075997.D
 Acq On : 04 May 2023 11:39
 Operator : KP/SY
 Sample : 02593-12
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

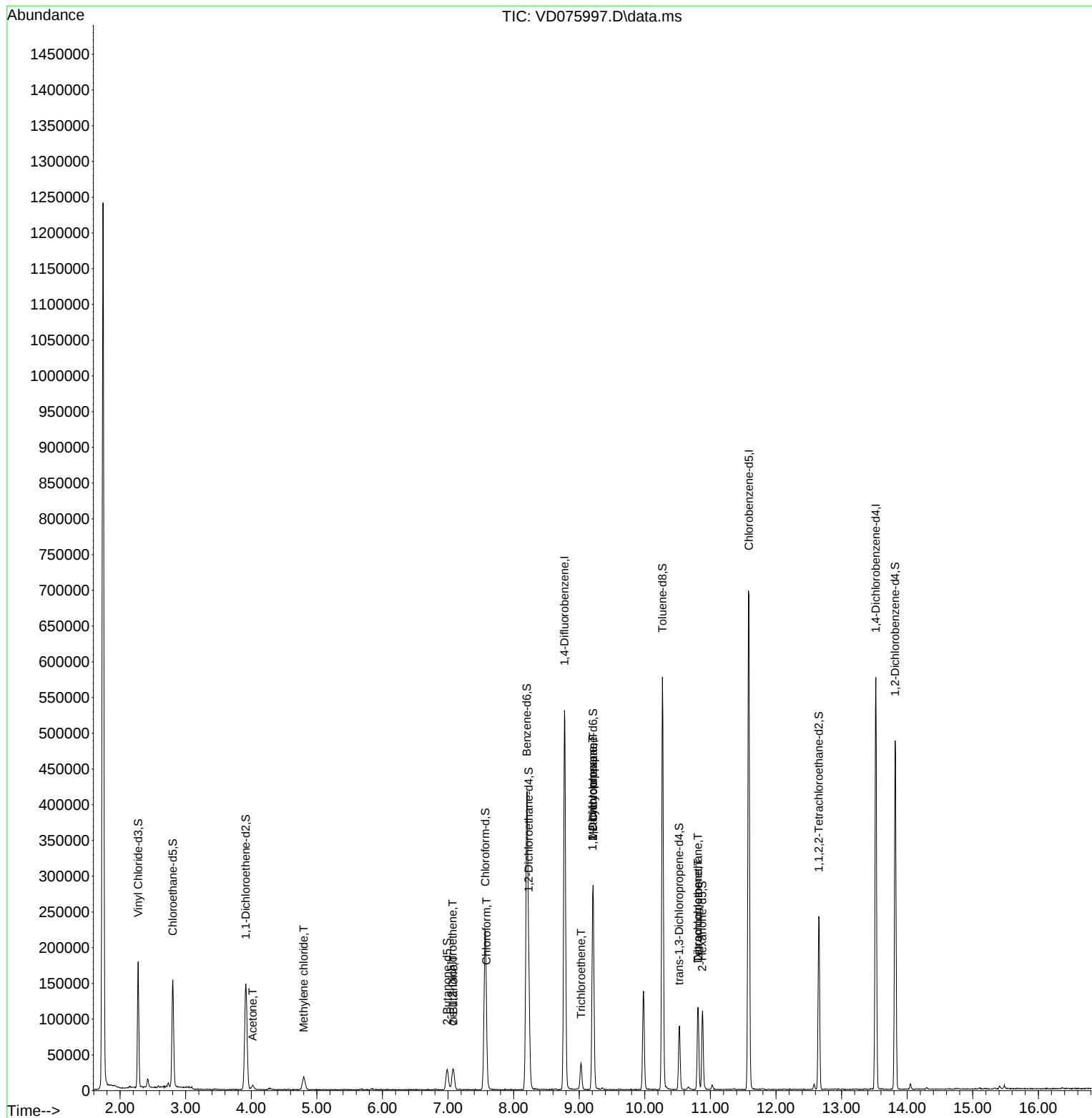
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	520664	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	459718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	171772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	165797	14.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.080%
7) Chloroethane-d5	2.805	69	160776	16.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.160%
11) 1,1-Dichloroethene-d2	3.917	65	41146	15.625	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.520%
21) 2-Butanone-d5	6.987	46	48487	48.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.800%
24) Chloroform-d	7.569	84	248320	19.072	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.280%
26) 1,2-Dichloroethane-d4	8.228	65	107390	19.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.240%
32) Benzene-d6	8.199	84	468206	17.474	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.880%
36) 1,2-Dichloropropane-d6	9.210	67	155151	20.920	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.680%
41) Toluene-d8	10.269	98	417682	16.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.600%
43) trans-1,3-Dichloroprop...	10.522	79	54885	17.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.600%
47) 2-Hexanone-d5	10.875	63	39748	44.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130927	23.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	144810	23.834	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.320%
Target Compounds						Qvalue
13) Acetone	4.022	43	9184	10.823	ug/L	96
16) Methylene chloride	4.799	84	14871	1.408	ug/L	93
20) cis-1,2-Dichloroethene	7.069	96	21693	2.673	ug/L	88
22) 2-Butanone	7.081	43	1362	1.231	ug/L	79
25) Chloroform	7.587	83	4534	0.360	ug/L	100
34) Trichloroethene	9.028	95	12499	1.738	ug/L	95
35) Methylcyclohexane	9.210	83	37121	3.348	ug/L #	25
37) 1,2-Dichloropropane	9.205	63	15161	2.373	ug/L #	85
46) Tetrachloroethene	10.810	164	30131	5.108	ug/L	93
49) Dibromochloromethane	10.810	129	24356	4.117	ug/L #	10

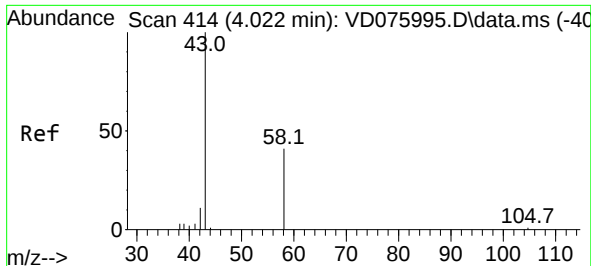
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration





#13

Acetone

Concen: 10.823 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075997.D

Acq: 04 May 2023 11:39

Instrument :

MSVOA_D

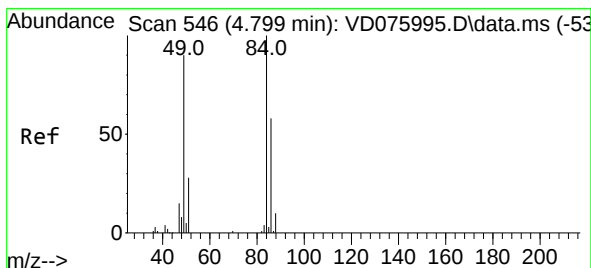
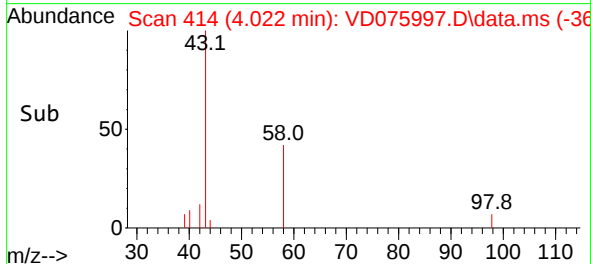
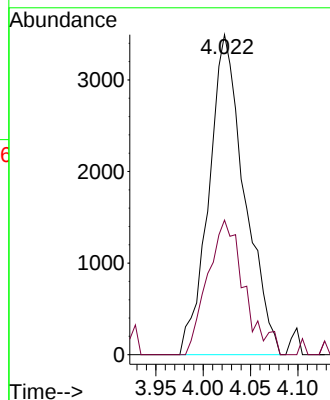
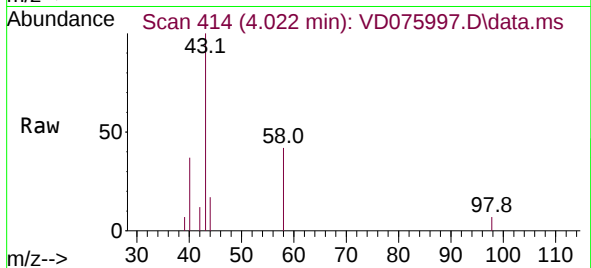
ClientSampleId :

Tgt Ion: 43 Resp: 9184

Ion Ratio Lower Upper

43 100

58 41.2 0.0 87.4



#16

Methylene chloride

Concen: 1.408 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD075997.D

Acq: 04 May 2023 11:39

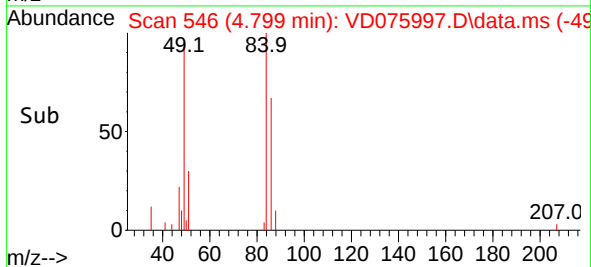
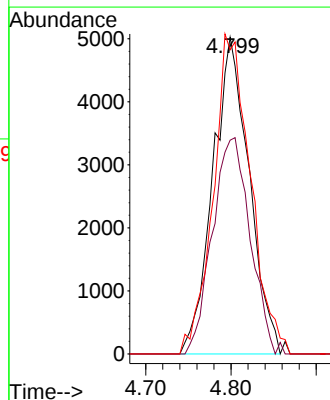
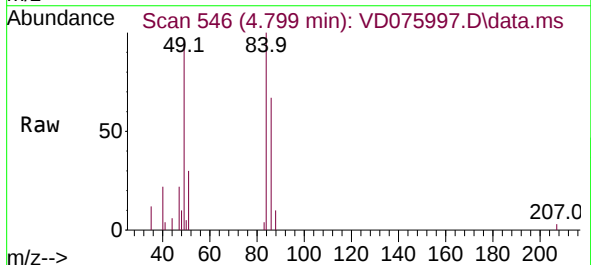
Tgt Ion: 84 Resp: 14871

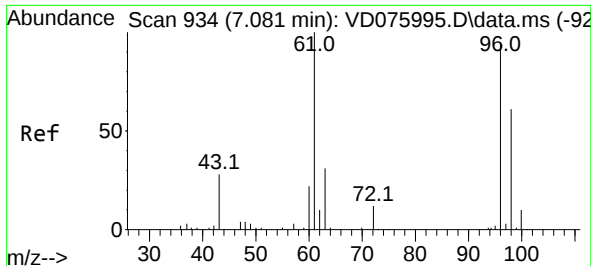
Ion Ratio Lower Upper

84 100

86 67.5 45.8 85.2

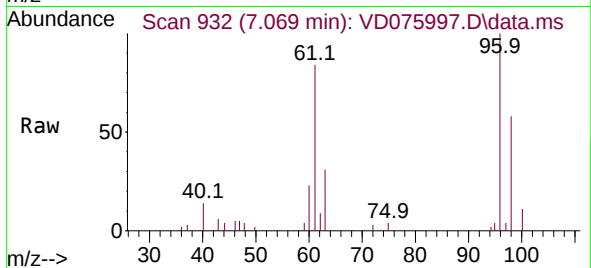
49 96.1 60.8 112.8





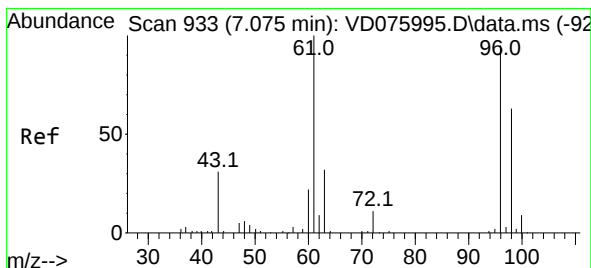
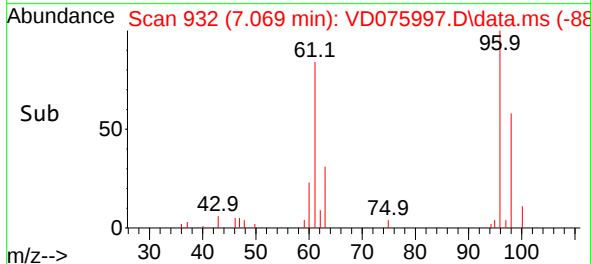
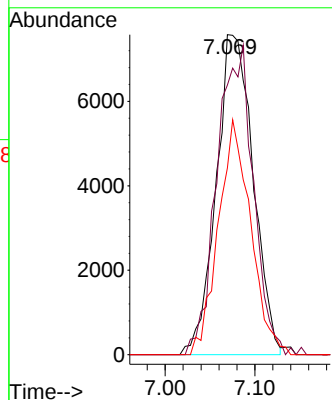
#20
cis-1,2-Dichloroethene
Concen: 2.673 ug/L
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075997.D
Acq: 04 May 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 21693

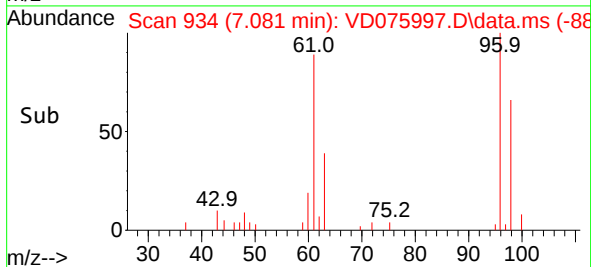
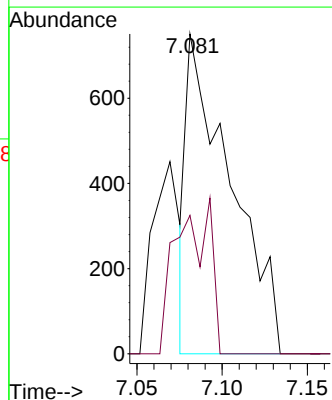
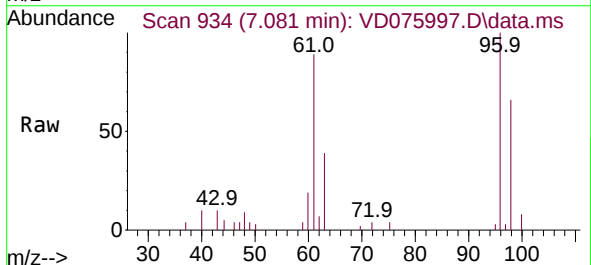
Ion	Ratio	Lower	Upper
96	100		
61	84.2	67.5	125.3
98	58.3	47.5	88.1

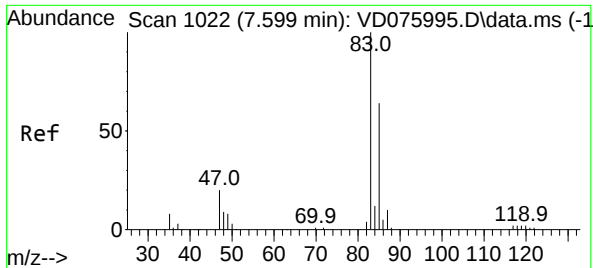


#22
2-Butanone
Concen: 1.231 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075997.D
Acq: 04 May 2023 11:39

Tgt Ion: 43 Resp: 1362

Ion	Ratio	Lower	Upper
43	100		
72	27.6	20.5	61.5





#25

Chloroform

Concen: 0.360 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD075997.D

Acq: 04 May 2023 11:39

Instrument :

MSVOA_D

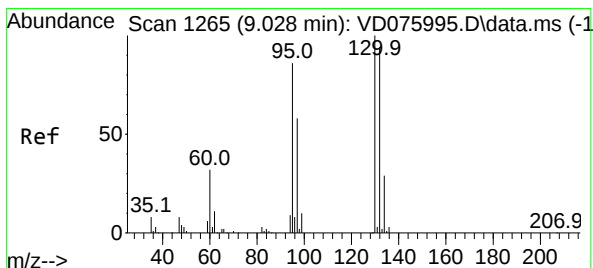
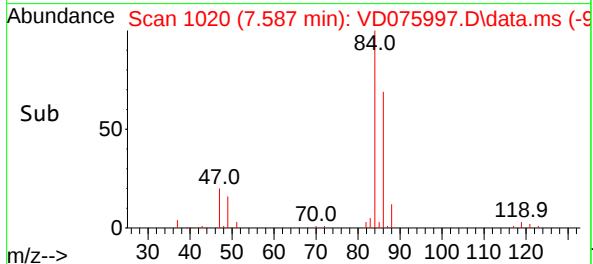
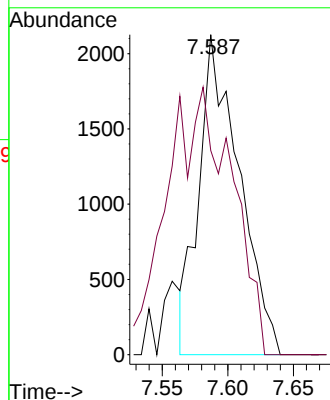
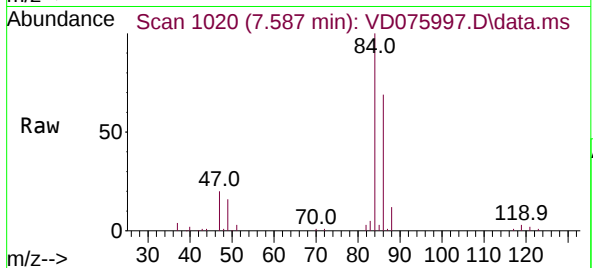
ClientSampleId :

Tgt Ion: 83 Resp: 4534

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.5



#34

Trichloroethene

Concen: 1.738 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075997.D

Acq: 04 May 2023 11:39

Tgt Ion: 95 Resp: 12499

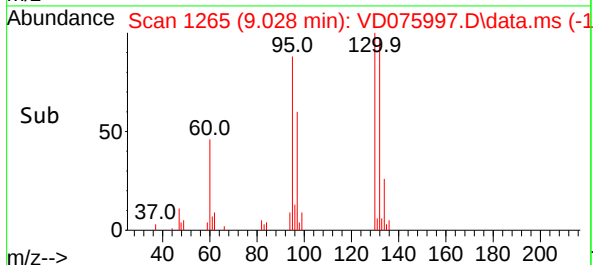
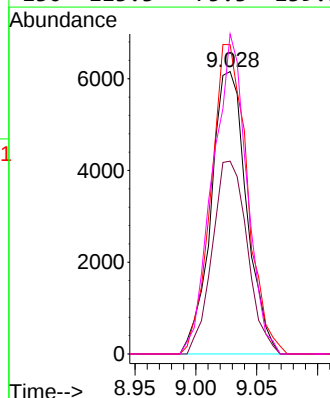
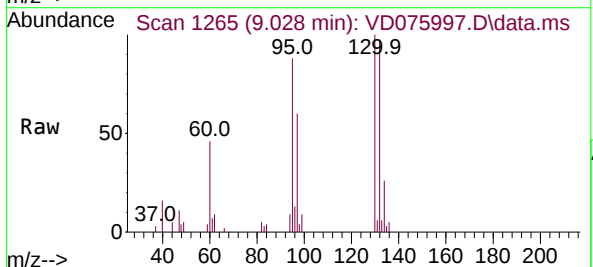
Ion Ratio Lower Upper

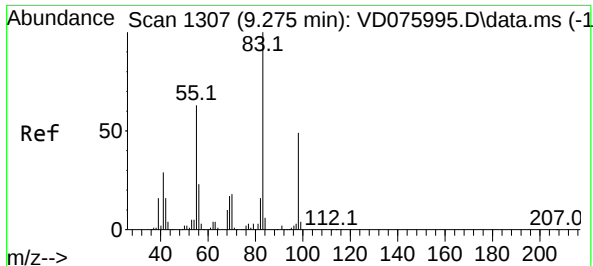
95 100

97 68.3 46.0 85.4

132 109.5 73.3 136.1

130 113.3 75.3 139.9





#35

Methylcyclohexane

Concen: 3.348 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

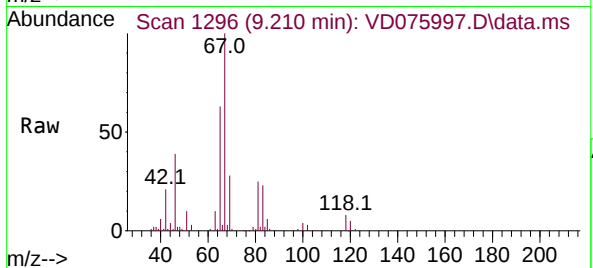
Lab File: VD075997.D

Acq: 04 May 2023 11:39

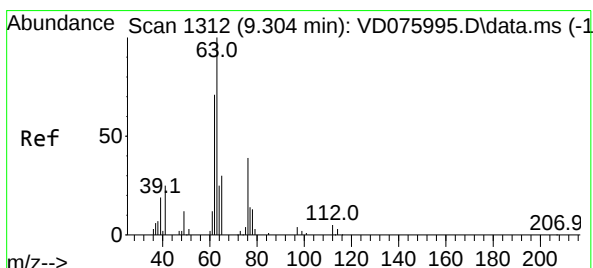
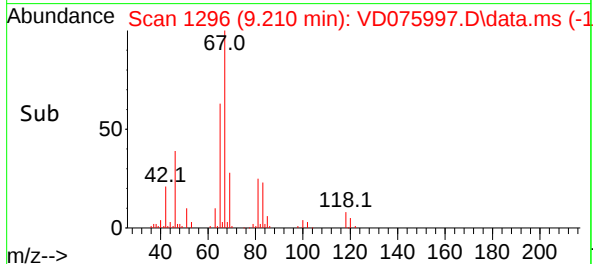
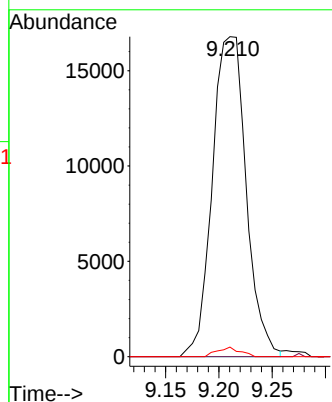
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	37121
Ion Ratio	Lower	Upper	
83	100		
55	0.0	48.2	72.2#
98	2.0	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 2.373 ug/L

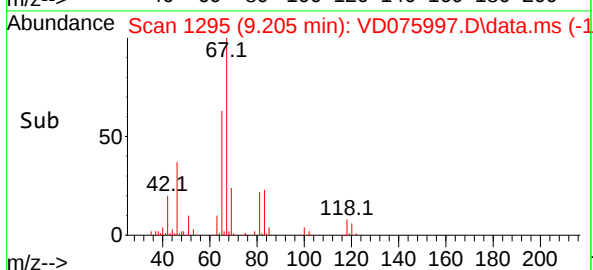
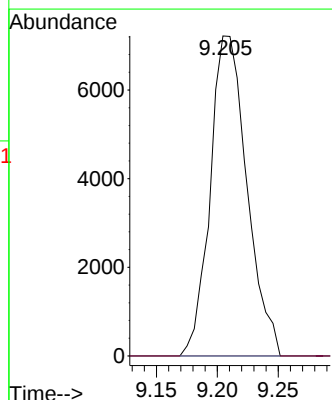
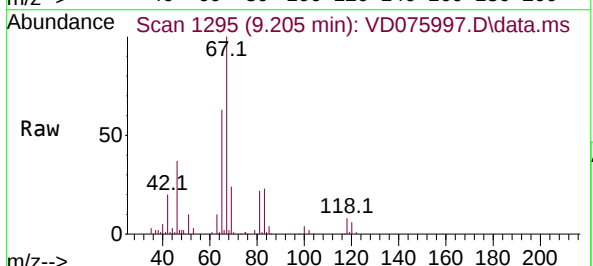
RT: 9.205 min Scan# 1295

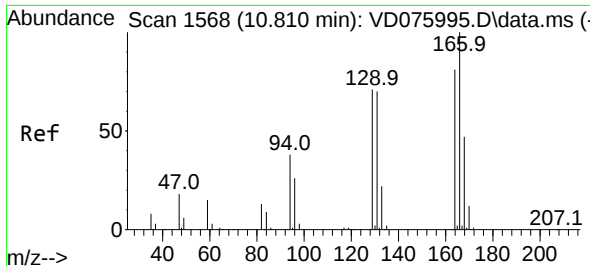
Delta R.T. -0.100 min

Lab File: VD075997.D

Acq: 04 May 2023 11:39

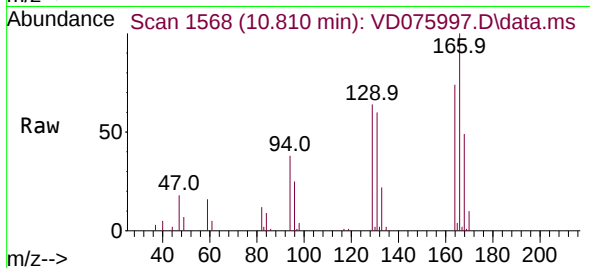
Tgt Ion:	63	Resp:	15161
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.0	6.0#



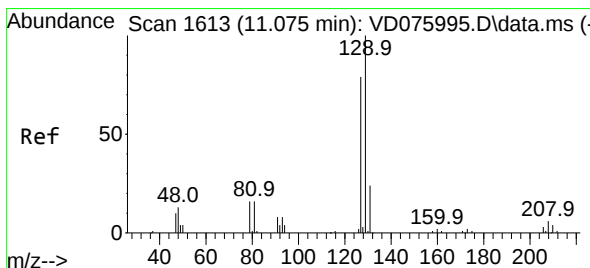
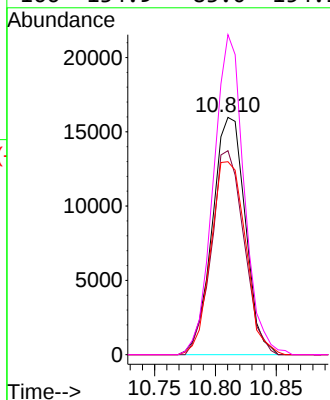
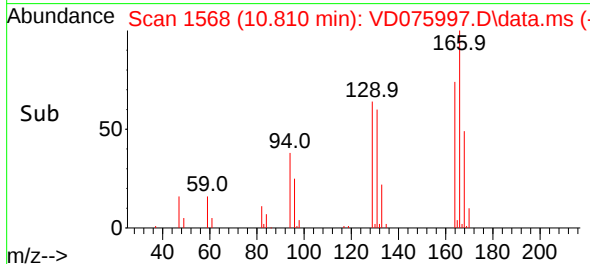


#46
Tetrachloroethene
Concen: 5.108 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075997.D
Acq: 04 May 2023 11:39

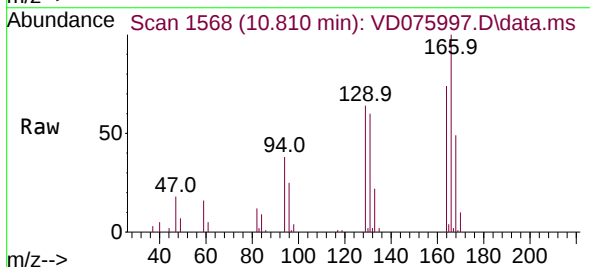
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 30131
Ion Ratio Lower Upper
164 100
129 86.0 60.3 112.1
131 81.3 58.9 109.3
166 134.9 83.0 154.1



#49
Dibromochloromethane
Concen: 4.117 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075997.D
Acq: 04 May 2023 11:39



Tgt Ion:129 Resp: 24356
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

