

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075816.D
 Acq On : 25 Apr 2023 17:26
 Operator : KP/SY
 Sample : 02419-09RE
 Misc : 5.17G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

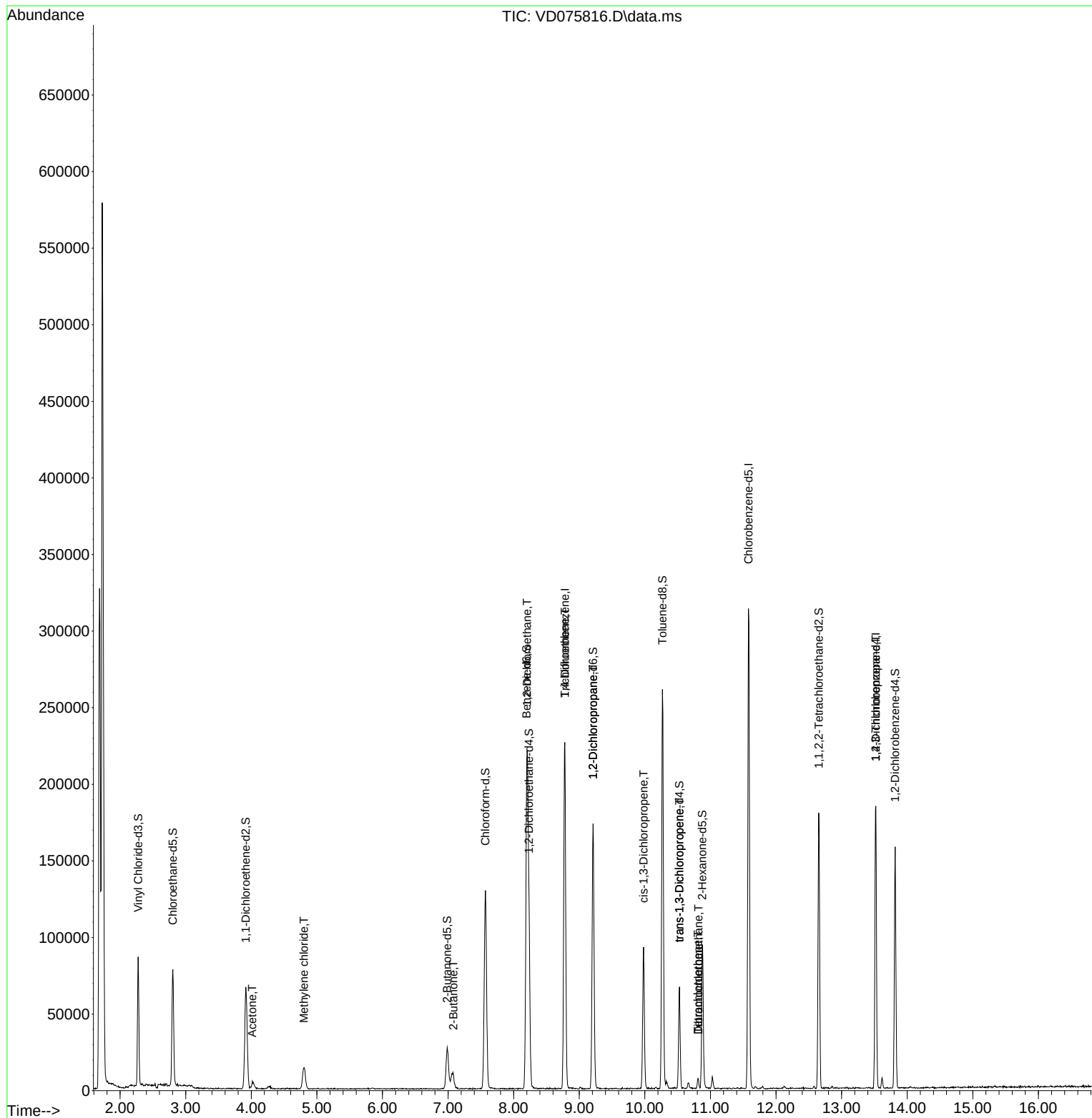
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	228213	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	208151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	56302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	80109	16.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
7) Chloroethane-d5	2.804	69	82983	19.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	3.916	65	18596	16.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.440%
21) 2-Butanone-d5	6.987	46	44872	103.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	206.480%#
24) Chloroform-d	7.569	84	141743	24.837	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	8.234	65	80599	33.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.280%#
32) Benzene-d6	8.198	84	254610	20.987	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	9.210	67	90874	27.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.240%
41) Toluene-d8	10.269	98	201606	17.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	10.528	79	37701	27.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.640%
47) 2-Hexanone-d5	10.875	63	36028	89.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.220%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96129	37.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.640%#
66) 1,2-Dichlorobenzene-d4	13.816	152	44953	22.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.280%
Target Compounds						Qvalue
13) Acetone	4.016	43	3683	9.902	ug/L	93
16) Methylene chloride	4.804	84	13261	2.864	ug/L	95
22) 2-Butanone	7.081	43	1579	3.256	ug/L #	65
27) 1,2-Dichloroethane	8.204	62	1285	0.451	ug/L #	68
34) Trichloroethene	8.781	95	5931	1.822	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	9521	3.292	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2162	0.470	ug/L #	53
44) trans-1,3-Dichloropropene	10.528	75	1723	0.466	ug/L	96
46) Tetrachloroethene	10.810	164	1643	0.615	ug/L #	80
49) Dibromochloromethane	10.816	129	1522	0.568	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	6216	7.028	ug/L #	60

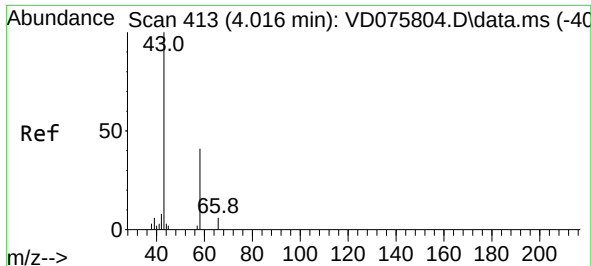
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Apr 26 02:39:47 2023
Response via : Initial Calibration





#13

Acetone

Concen: 9.902 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD075816.D

Acq: 25 Apr 2023 17:26

Instrument :

MSVOA_D

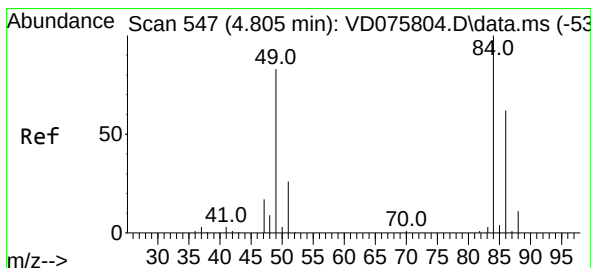
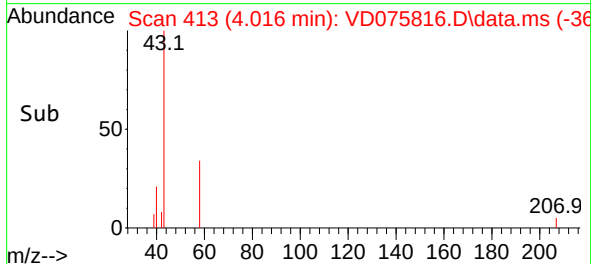
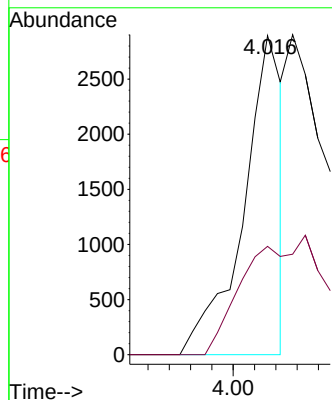
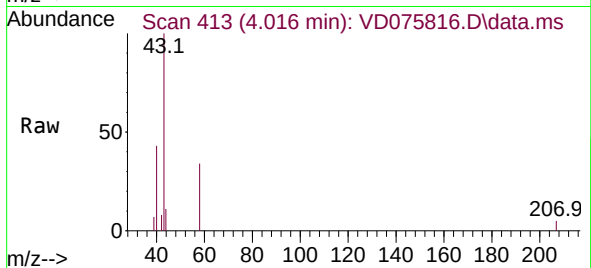
ClientSampleId :

Tgt Ion: 43 Resp: 3683

Ion Ratio Lower Upper

43 100

58 39.3 0.0 87.4



#16

Methylene chloride

Concen: 2.864 ug/L

RT: 4.804 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075816.D

Acq: 25 Apr 2023 17:26

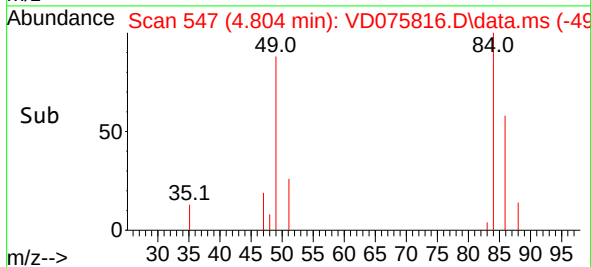
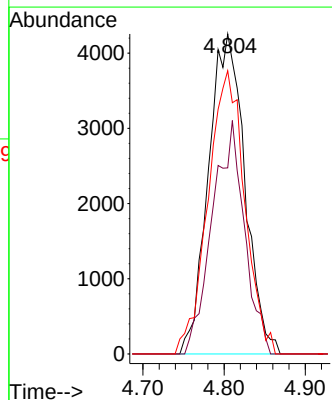
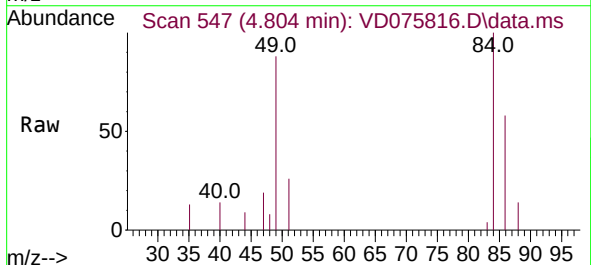
Tgt Ion: 84 Resp: 13261

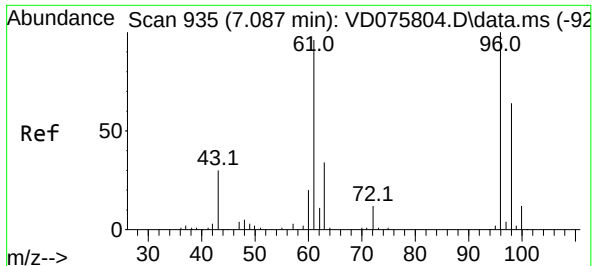
Ion Ratio Lower Upper

84 100

86 58.1 45.8 85.2

49 88.5 60.8 112.8





#22

2-Butanone

Concen: 3.256 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

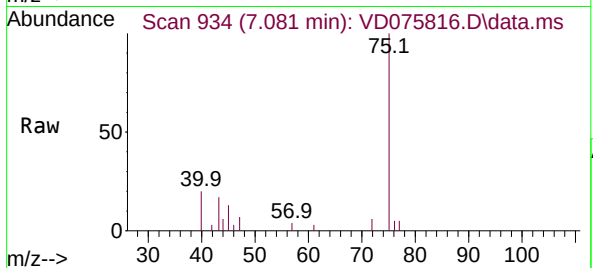
Lab File: VD075816.D

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Instrument :

MSVOA_D

ClientSampleId :

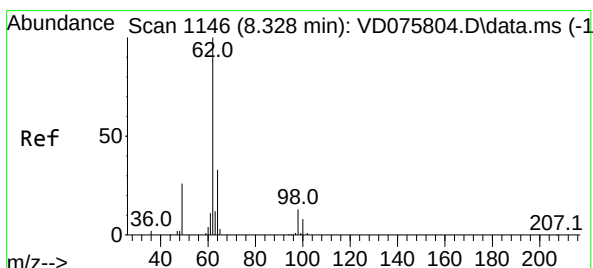
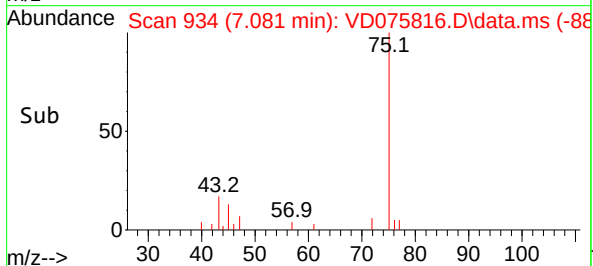
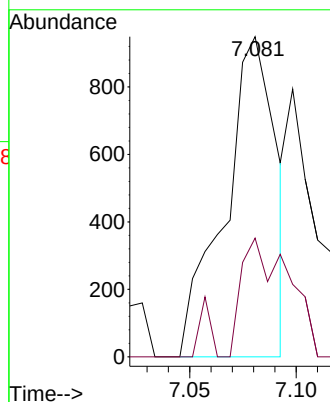


Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

72 19.1 20.5 61.5#



#27

1,2-Dichloroethane

Concen: 0.451 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.124 min

Lab File: VD075816.D

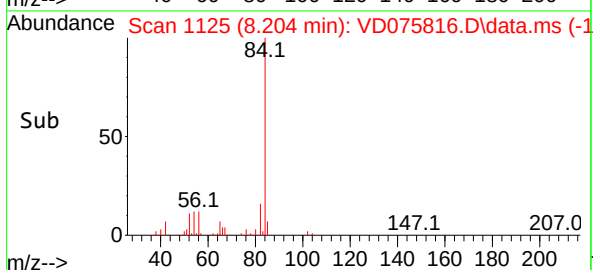
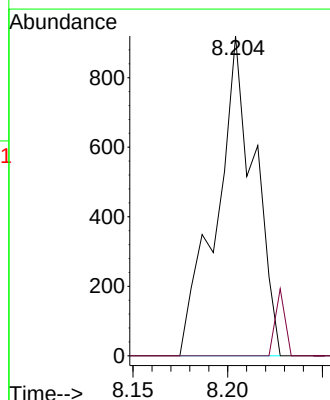
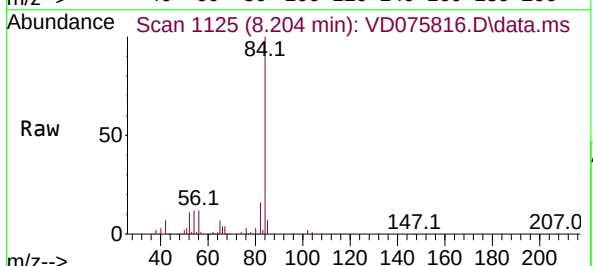
Acq: 25 Apr 2023 17:26

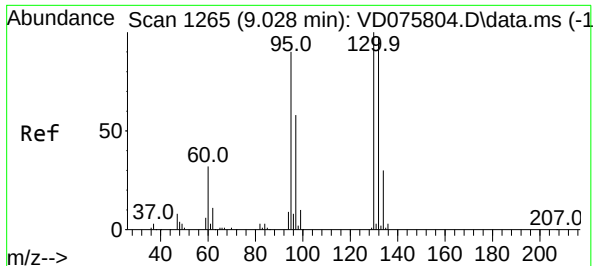
Tgt Ion: 62 Resp: 1285

Ion Ratio Lower Upper

62 100

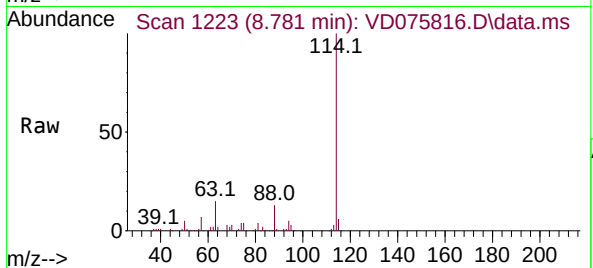
98 0.0 10.2 15.2#



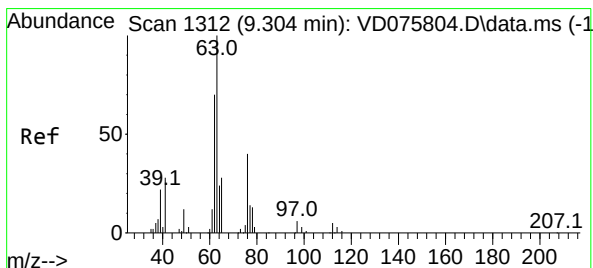
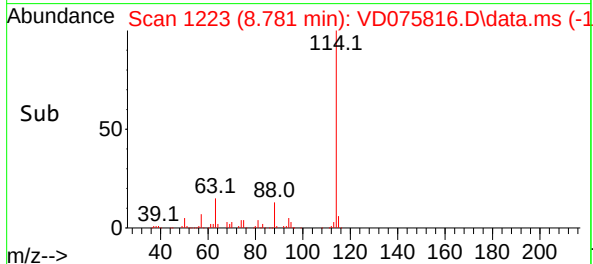
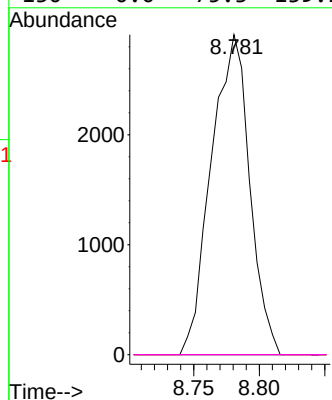


#34
 Trichloroethene
 Concen: 1.822 ug/L
 RT: 8.781 min Scan# 11
 Delta R.T. -0.247 min
 Lab File: VD075816.D
 Acq: 25 Apr 2023 17:26

Instrument :
 MSVOA_D
 ClientSampleId :

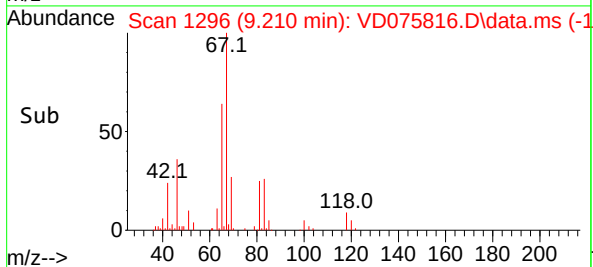
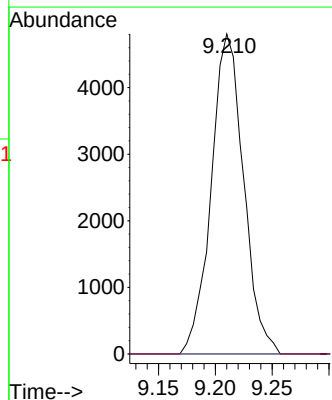
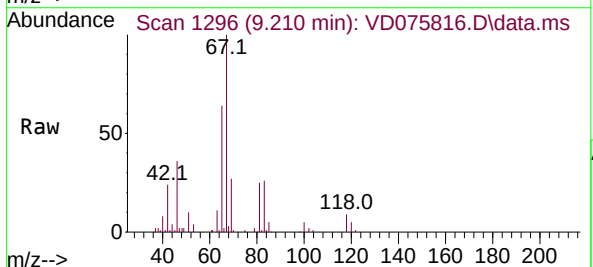


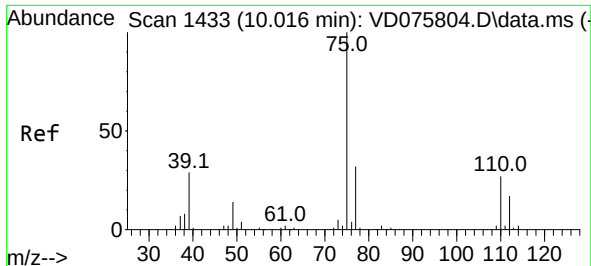
Tgt Ion: 95	Resp: 5931
Ion Ratio	Lower Upper
95 100	
97 0.0	46.0 85.4#
132 0.0	73.3 136.1#
130 0.0	75.3 139.9#



#37
 1,2-Dichloropropane
 Concen: 3.292 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075816.D
 Acq: 25 Apr 2023 17:26

Tgt Ion: 63	Resp: 9521		
Ion Ratio	Lower	Upper	
63 100			
112 0.0	4.0	6.0#	





#39

cis-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.036 min

Lab File: VD075816.D

Acq: 25 Apr 2023 17:26

Instrument :

MSVOA_D

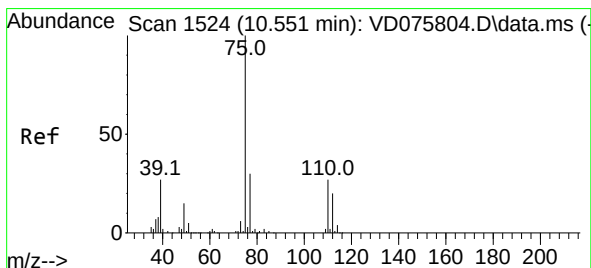
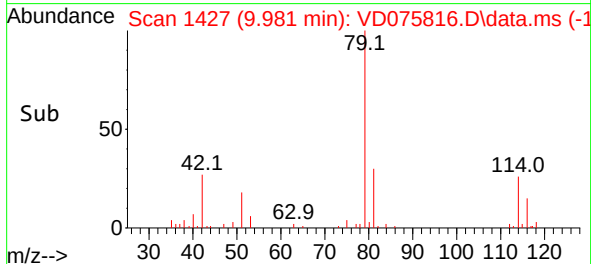
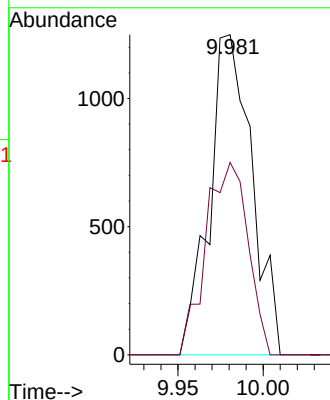
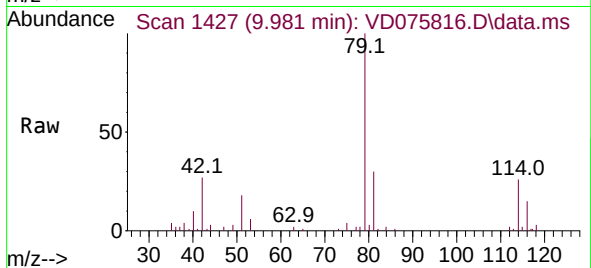
ClientSampleId :

Tgt Ion: 75 Resp: 2162

Ion Ratio Lower Upper

75 100

77 60.0 23.4 43.6#



#44

trans-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD075816.D

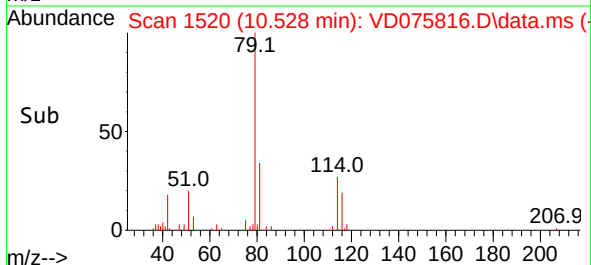
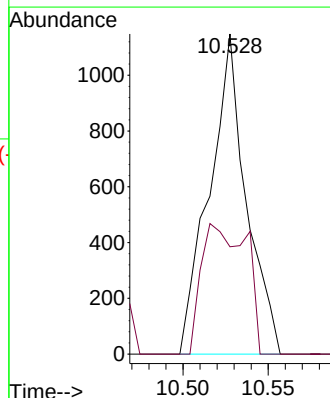
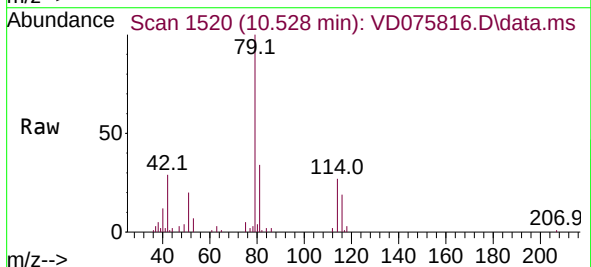
Acq: 25 Apr 2023 17:26

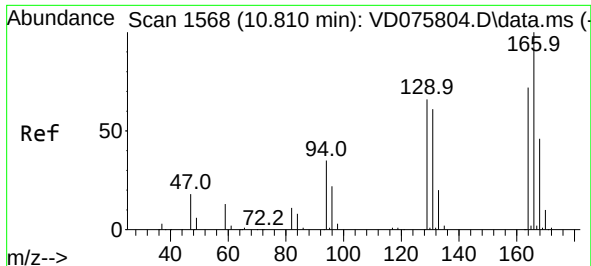
Tgt Ion: 75 Resp: 1723

Ion Ratio Lower Upper

75 100

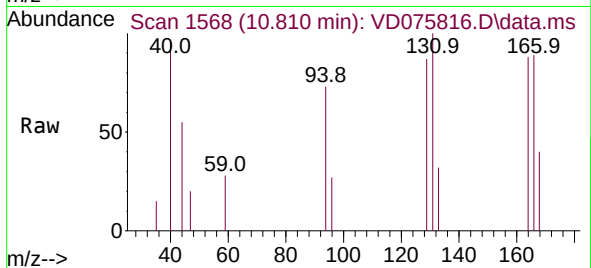
77 33.5 22.0 41.0



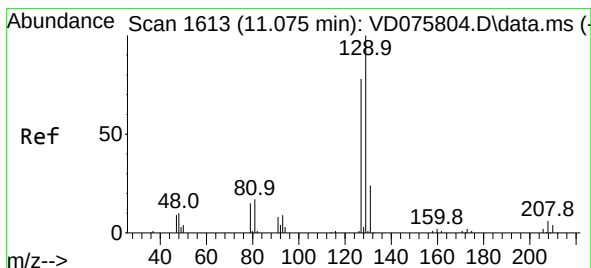
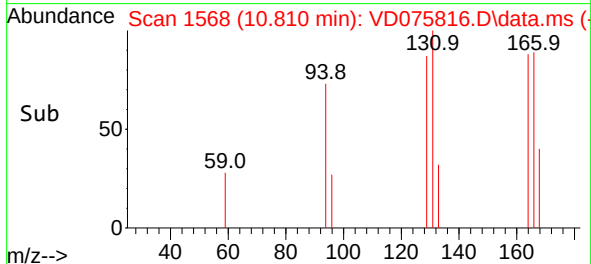
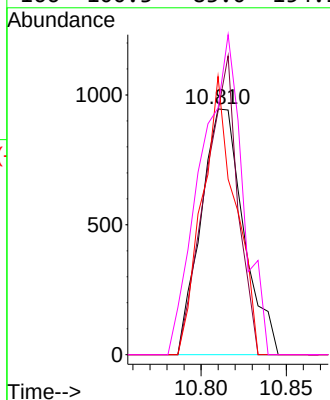


#46
Tetrachloroethene
Concen: 0.615 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075816.D
Acq: 25 Apr 2023 17:26

Instrument :
MSVOA_D
ClientSampleId :

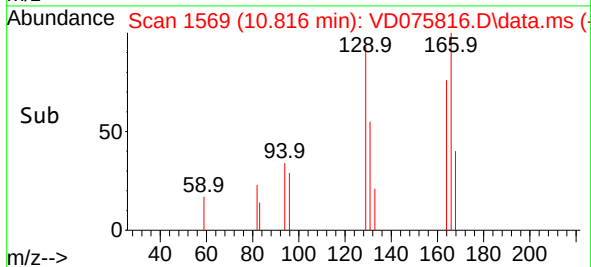
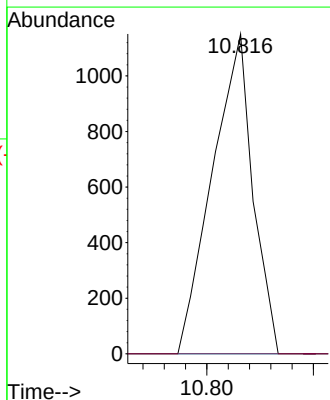
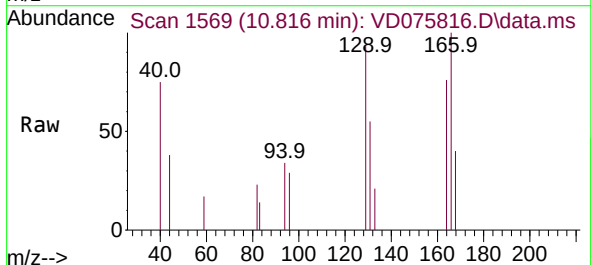


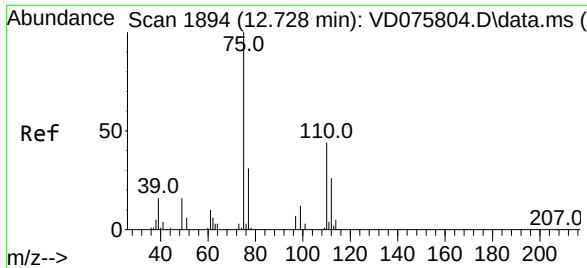
Tgt Ion:164 Resp: 1643
Ion Ratio Lower Upper
164 100
129 99.0 60.3 112.1
131 113.2 58.9 109.3#
166 100.3 83.0 154.1



#49
Dibromochloromethane
Concen: 0.568 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. -0.259 min
Lab File: VD075816.D
Acq: 25 Apr 2023 17:26

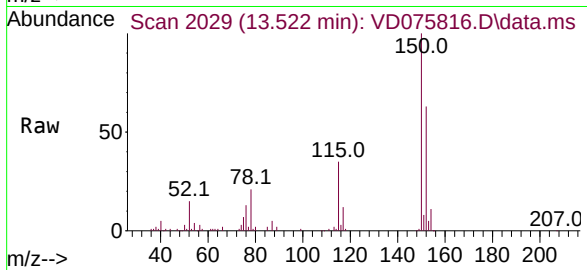
Tgt Ion:129 Resp: 1522
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#61
 1,2,3-Trichloropropane
 Concen: 7.028 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075816.D
 Acq: 25 Apr 2023 17:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	6216
Ion	Ratio	Lower	Upper
75	100		
77	27.9	26.6	39.8
110	0.9	33.5	50.3#

