

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075831.D
 Acq On : 26 Apr 2023 13:18
 Operator : KP/SY
 Sample : 02419-14
 Misc : 4.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW927

Quant Time: Apr 27 01:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

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

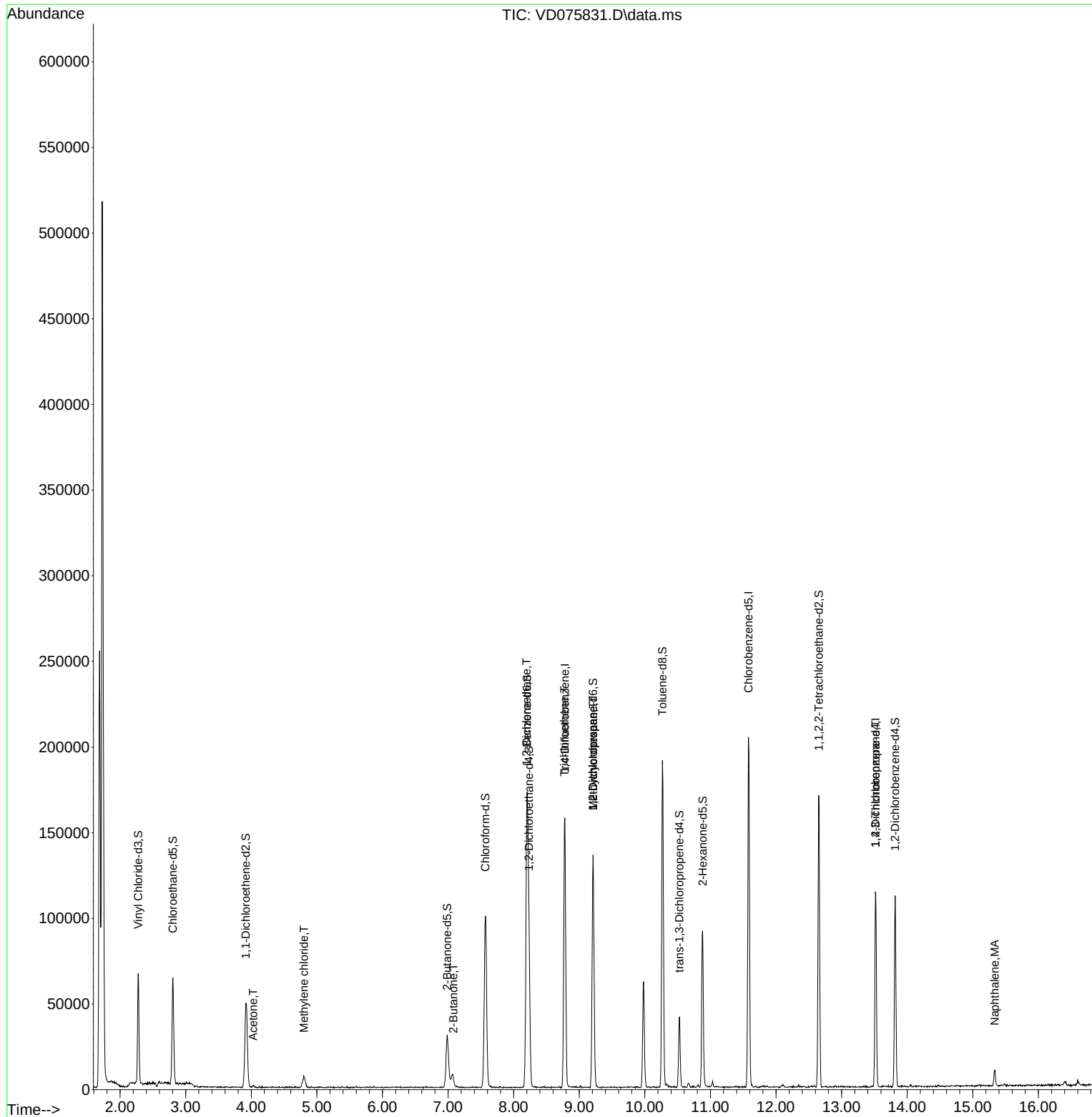
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	157186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	134334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	35149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	62428	18.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.805	69	64974	21.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	3.916	65	13812	17.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.480%
21) 2-Butanone-d5	6.987	46	49736	166.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	332.300%#
24) Chloroform-d	7.569	84	110669	28.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.640%
26) 1,2-Dichloroethane-d4	8.234	65	63662	37.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	151.720%#
32) Benzene-d6	8.204	84	197834	25.267	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.080%
36) 1,2-Dichloropropane-d6	9.210	67	72227	33.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.320%#
41) Toluene-d8	10.269	98	142140	19.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.560%
43) trans-1,3-Dichloroprop...	10.528	79	25010	27.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.680%
47) 2-Hexanone-d5	10.881	63	35314	135.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.660%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89254	53.821	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	215.280%#
66) 1,2-Dichlorobenzene-d4	13.816	152	33242	26.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.960%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	1627	6.351	ug/L	53
16) Methylene chloride	4.805	84	5820	1.825	ug/L	86
22) 2-Butanone	7.081	43	249	0.746	ug/L #	34
27) 1,2-Dichloroethane	8.199	62	616	0.314	ug/L #	68
34) Trichloroethene	8.775	95	4036	1.921	ug/L #	2
35) Methylcyclohexane	9.210	83	17168	5.299	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	7687	4.118	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	3560	6.447	ug/L #	62
71) Naphthalene	15.333	128	10333	4.559	ug/L #	95

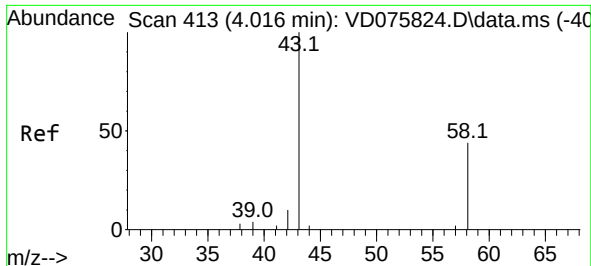
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075831.D
Acq On : 26 Apr 2023 13:18
Operator : KP/SY
Sample : 02419-14
Misc : 4.58G/10.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW927

Quant Time: Apr 27 01:26:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 27 01:23:50 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.351 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075831.D

Acq: 26 Apr 2023 13:18

Instrument :

MSVOA_D

ClientSampleId :

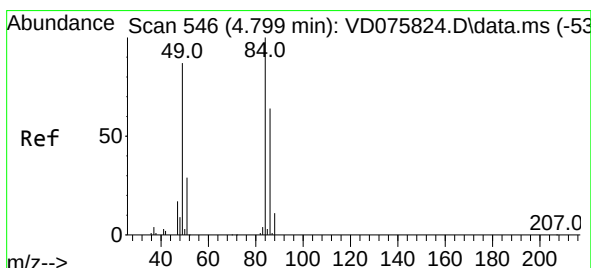
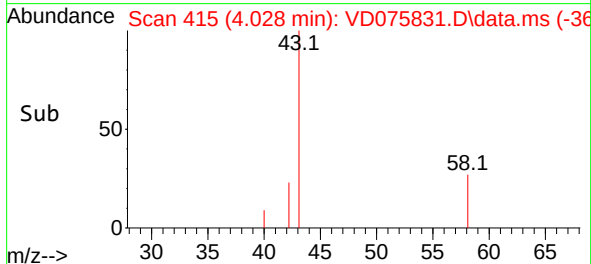
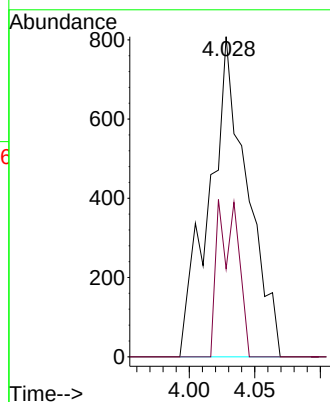
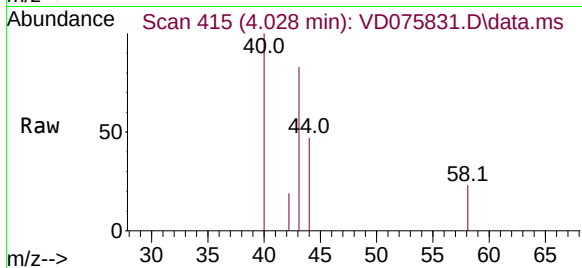
EW927

Tgt Ion: 43 Resp: 1627

Ion Ratio Lower Upper

43 100

58 13.5 0.0 87.4



#16

Methylene chloride

Concen: 1.825 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075831.D

Acq: 26 Apr 2023 13:18

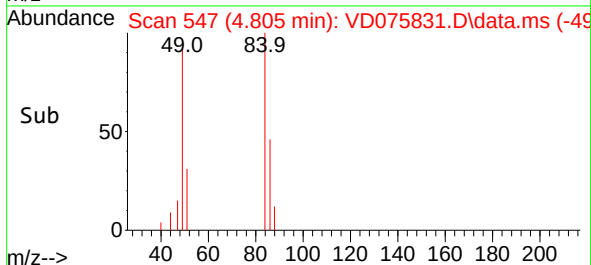
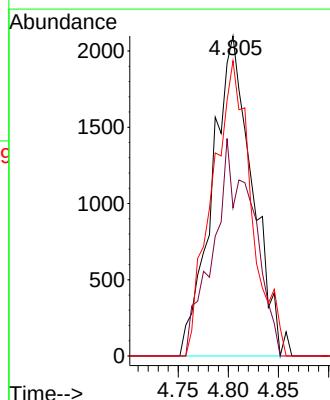
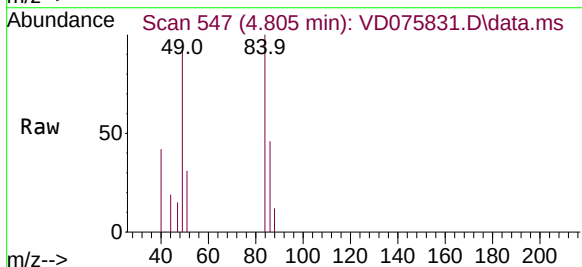
Tgt Ion: 84 Resp: 5820

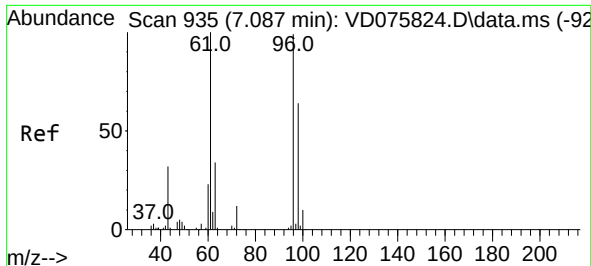
Ion Ratio Lower Upper

84 100

86 46.3 45.8 85.2

49 92.2 60.8 112.8

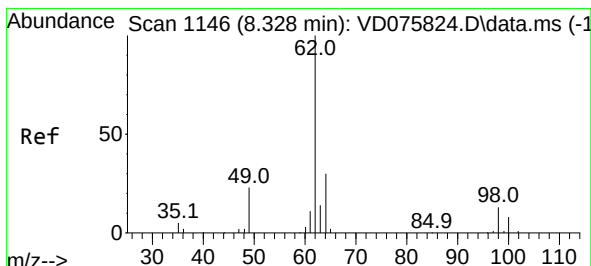
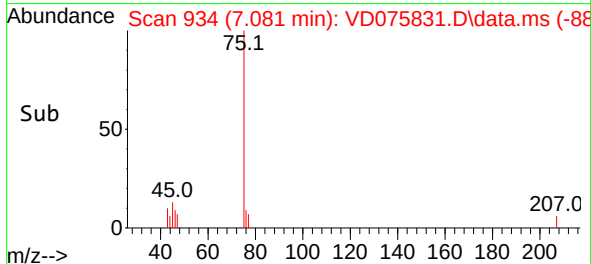
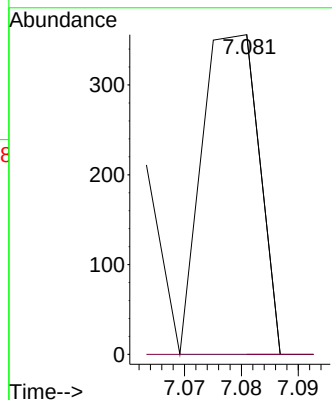
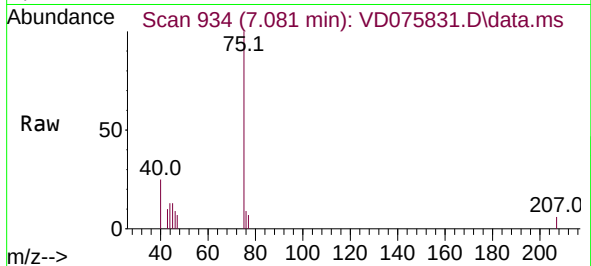




#22
2-Butanone
Concen: 0.746 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075831.D
Acq: 26 Apr 2023 13:18

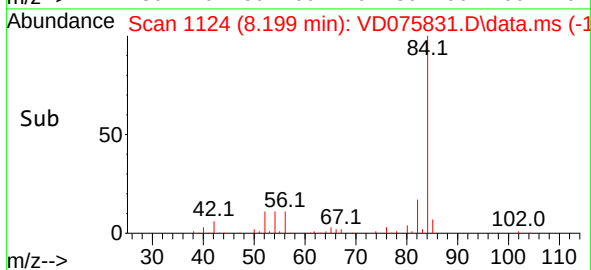
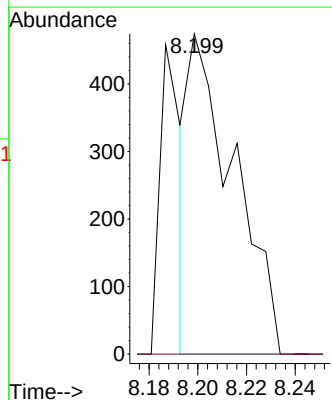
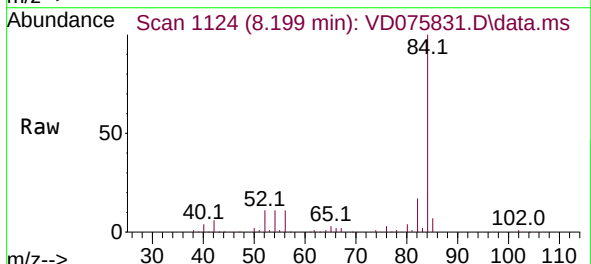
Instrument :
MSVOA_D
ClientSampleId :
EW927

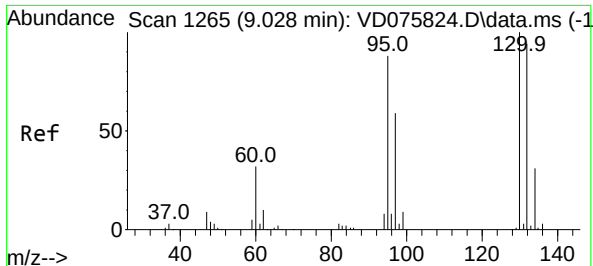
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#27
1,2-Dichloroethane
Concen: 0.314 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD075831.D
Acq: 26 Apr 2023 13:18

Tgt Ion: 62 Resp: 616
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#

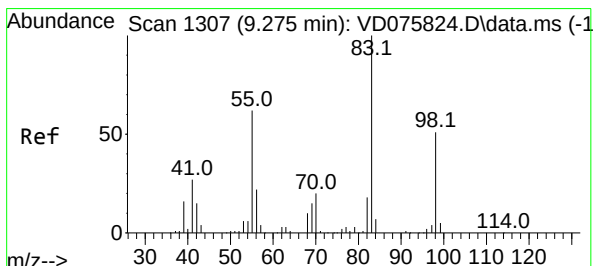
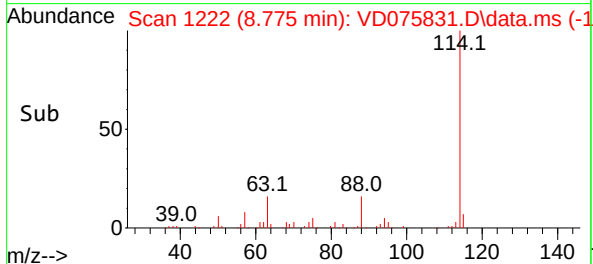
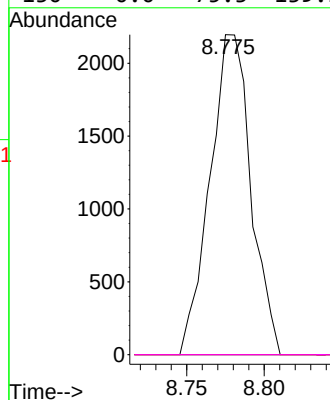
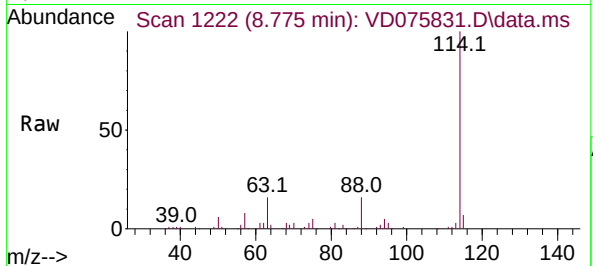




#34
Trichloroethene
Concen: 1.921 ug/L
RT: 8.775 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD075831.D
Acq: 26 Apr 2023 13:18

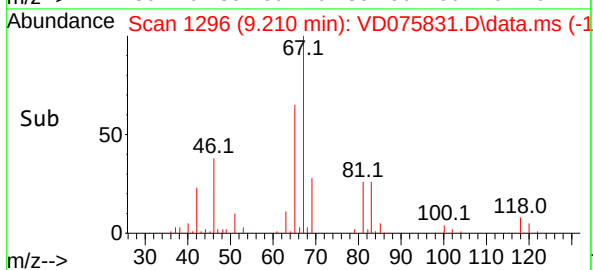
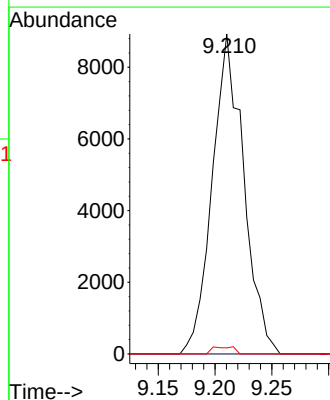
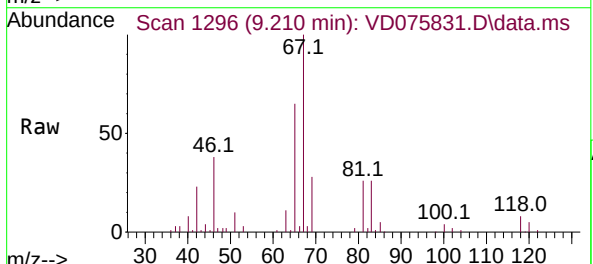
Instrument :
MSVOA_D
ClientSampleId :
EW927

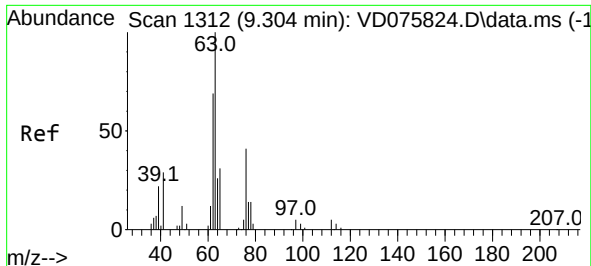
Tgt Ion:	95	Resp:	4036
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
Methylcyclohexane
Concen: 5.299 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075831.D
Acq: 26 Apr 2023 13:18

Tgt Ion:	83	Resp:	17168
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.4	40.8	61.2#





#37

1,2-Dichloropropane

Concen: 4.118 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD075831.D

Acq: 26 Apr 2023 13:18

Instrument :

MSVOA_D

ClientSampleId :

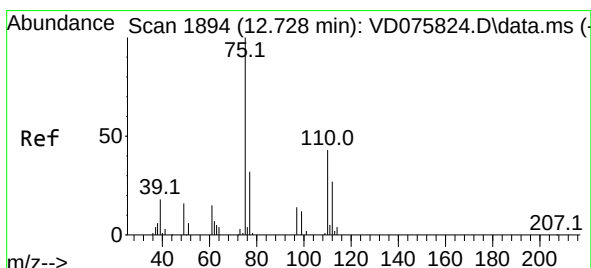
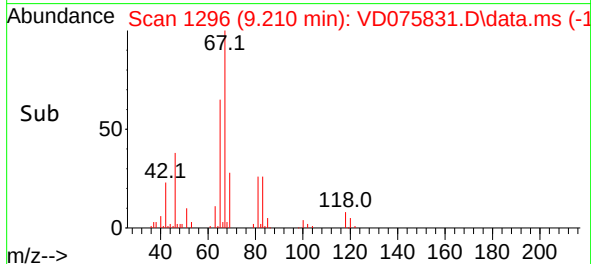
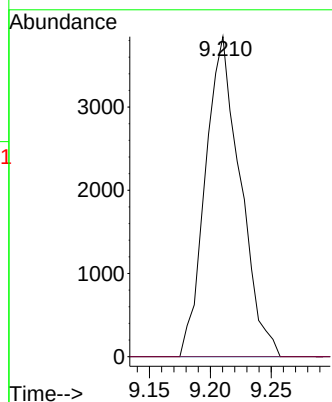
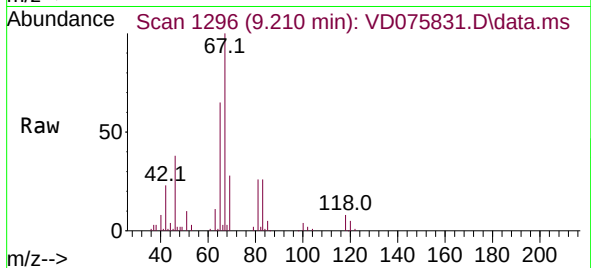
EW927

Tgt Ion: 63 Resp: 7687

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 6.447 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD075831.D

Acq: 26 Apr 2023 13:18

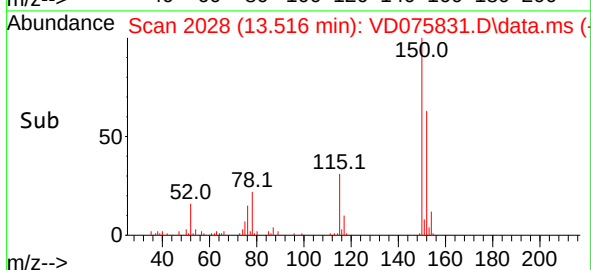
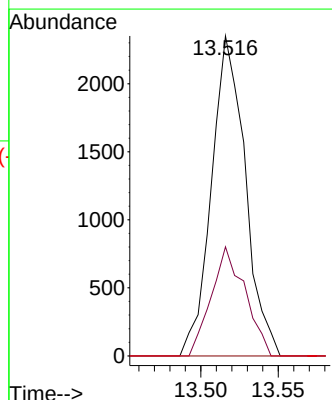
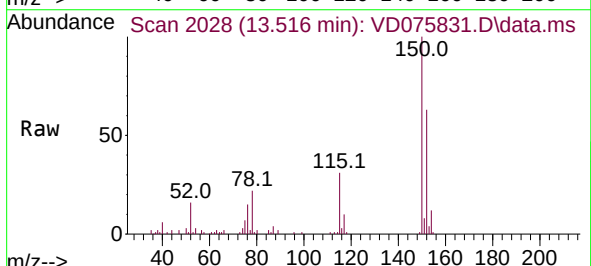
Tgt Ion: 75 Resp: 3560

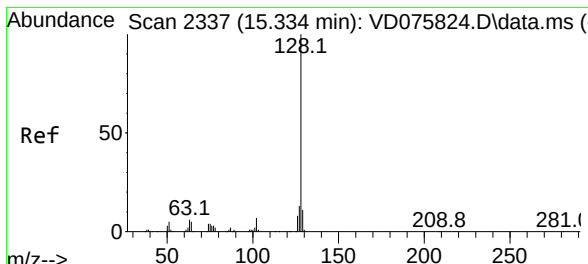
Ion Ratio Lower Upper

75 100

77 34.2 26.6 39.8

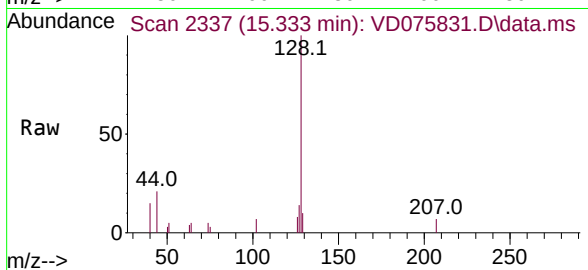
110 0.0 33.5 50.3#





#71
 Naphthalene
 Concen: 4.559 ug/L
 RT: 15.333 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075831.D
 Acq: 26 Apr 2023 13:18

Instrument :
 MSVOA_D
 ClientSampleId :
 EW927



Tgt Ion:	128	Resp:	10333
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.5	15.7
129	8.8	9.1	13.7#

