

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075847.D
 Acq On : 26 Apr 2023 21:04
 Operator : KP/SY
 Sample : 02447-21
 Misc : 4.04G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW939

Quant Time: Apr 27 02:07:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

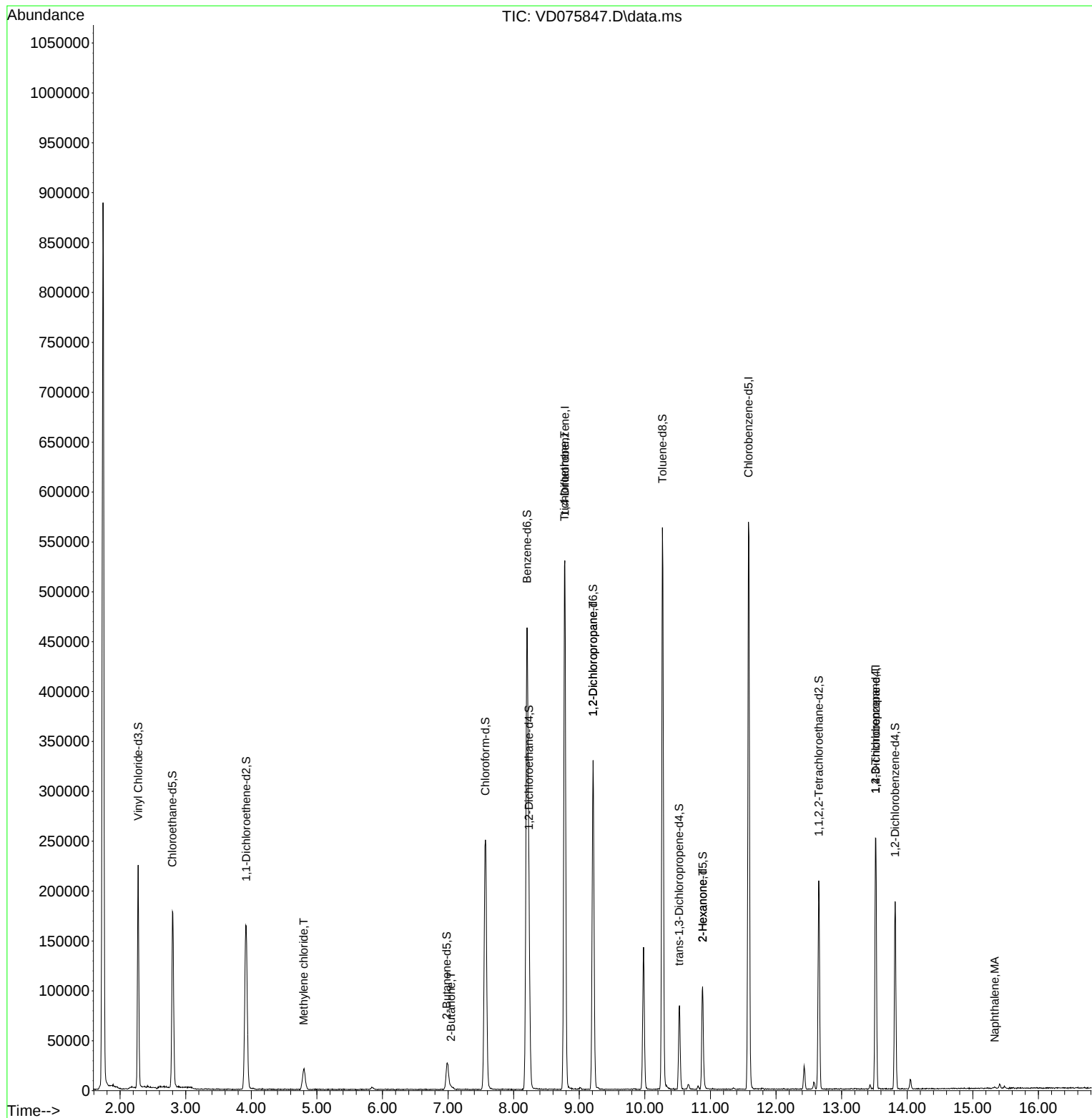
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	530218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	373597	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	79929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	204831	17.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.440%
7) Chloroethane-d5	2.799	69	194204	19.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.280%
11) 1,1-Dichloroethene-d2	3.922	65	46374	17.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.160%
21) 2-Butanone-d5	6.981	46	45576	45.135	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.280%
24) Chloroform-d	7.569	84	285326	21.519	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	8.234	65	121631	21.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.920%
32) Benzene-d6	8.204	84	539899	24.795	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	9.210	67	171395	28.438	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.760%
41) Toluene-d8	10.269	98	415461	20.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.522	79	51667	20.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.960%
47) 2-Hexanone-d5	10.881	63	38306	52.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108363	23.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	55646	19.682	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	18621	1.731	ug/L	98
22) 2-Butanone	7.046	43	2067	1.835	ug/L	# 34
34) Trichloroethene	8.775	95	13727	2.349	ug/L	# 2
37) 1,2-Dichloropropane	9.210	63	16360	3.152	ug/L	# 85
48) 2-Hexanone	10.881	43	5232	3.921	ug/L	# 52
61) 1,2,3-Trichloropropane	13.516	75	8425	6.710	ug/L	# 62
71) Naphthalene	15.333	128	1812	0.352	ug/L	# 80

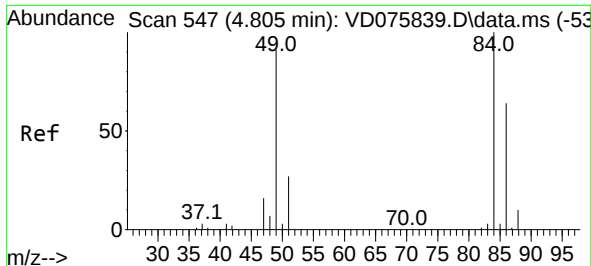
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 27 02:02:18 2023
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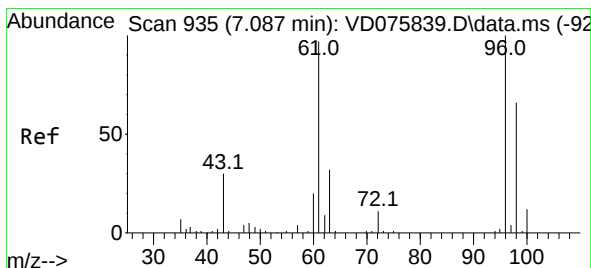
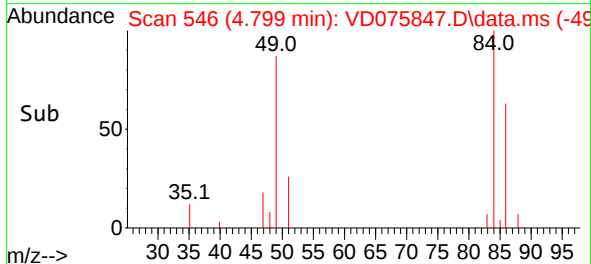
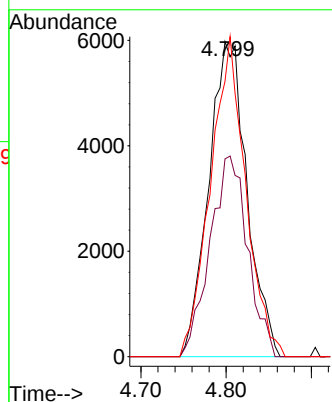
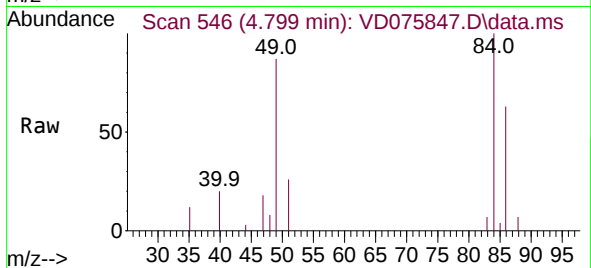




#16
Methylene chloride
Concen: 1.731 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075847.D
Acq: 26 Apr 2023 21:04

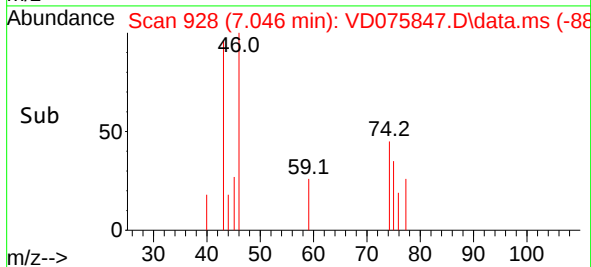
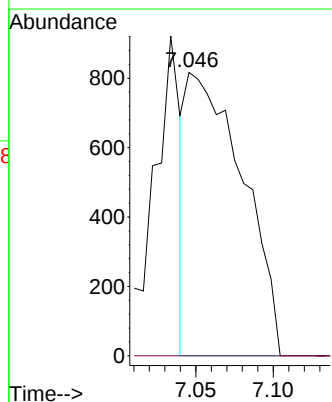
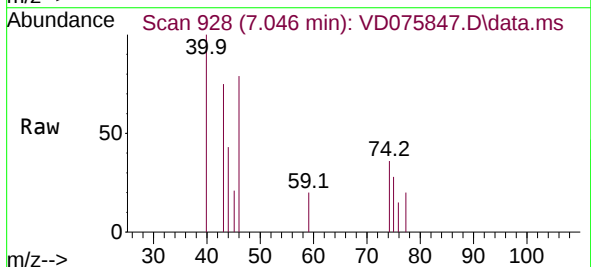
Instrument :
MSVOA_D
ClientSampleId :
EW939

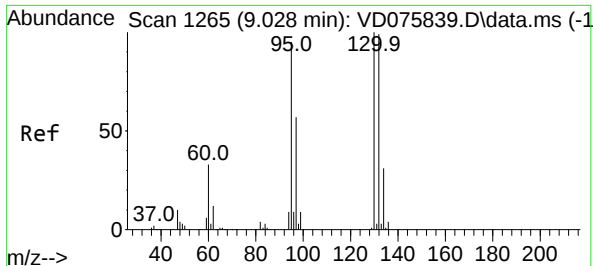
Tgt Ion: 84 Resp: 18621
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 87.4 60.8 112.8



#22
2-Butanone
Concen: 1.835 ug/L
RT: 7.046 min Scan# 928
Delta R.T. -0.041 min
Lab File: VD075847.D
Acq: 26 Apr 2023 21:04

Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#





#34

Trichloroethene

Concen: 2.349 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD075847.D

Acq: 26 Apr 2023 21:04

Instrument :

MSVOA_D

ClientSampleId :

EW939

Tgt Ion: 95 Resp: 13727

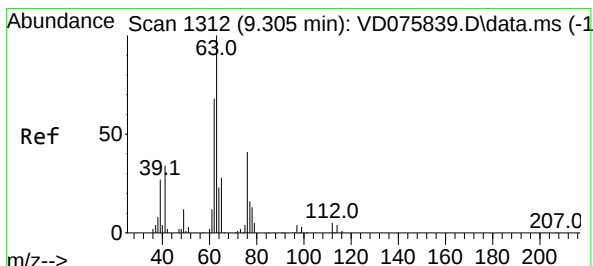
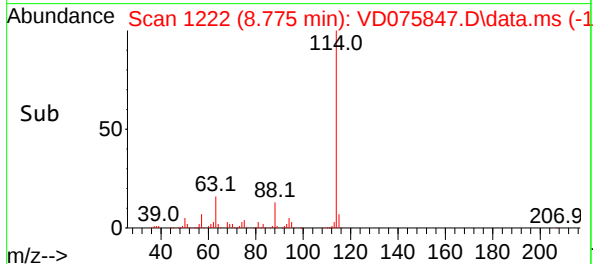
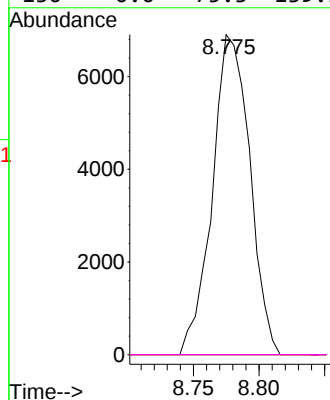
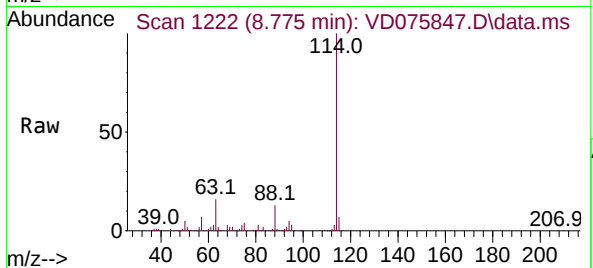
Ion Ratio Lower Upper

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: 3.152 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075847.D

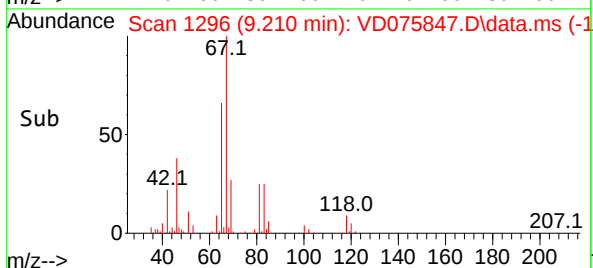
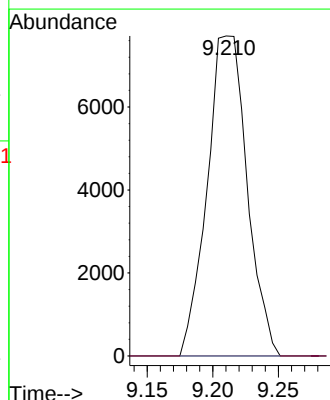
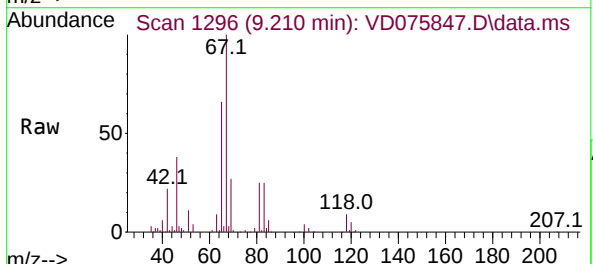
Acq: 26 Apr 2023 21:04

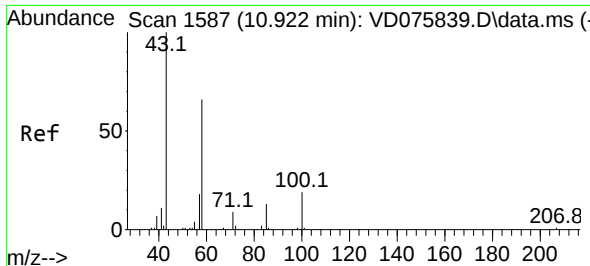
Tgt Ion: 63 Resp: 16360

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

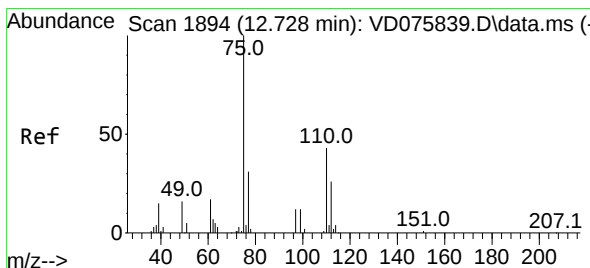
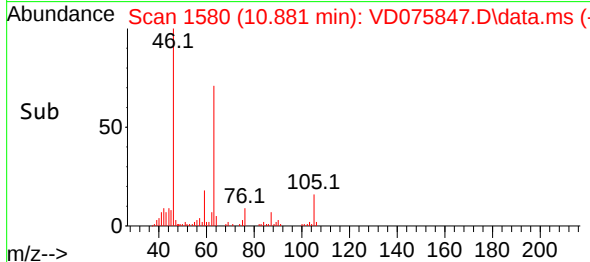
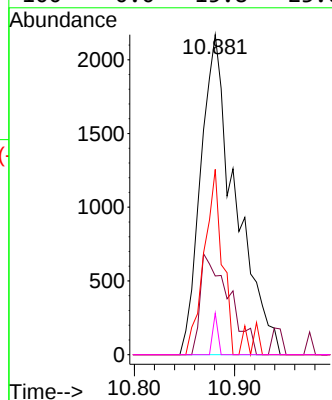
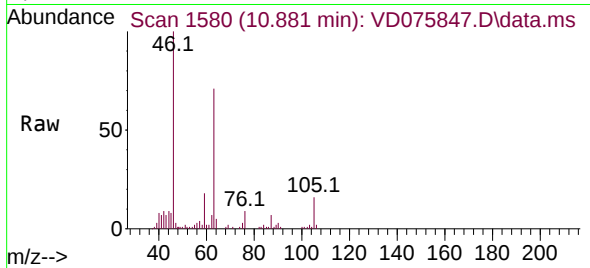




#48
2-Hexanone
Concen: 3.921 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD075847.D
Acq: 26 Apr 2023 21:04

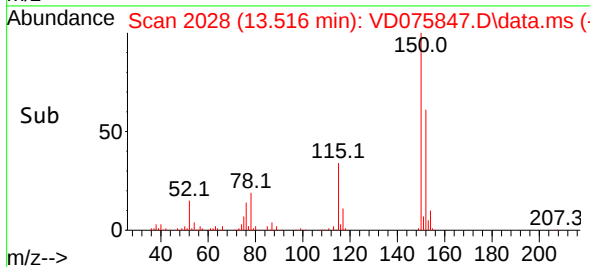
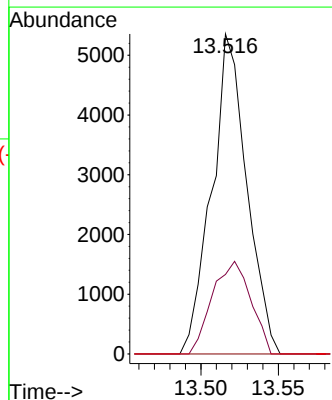
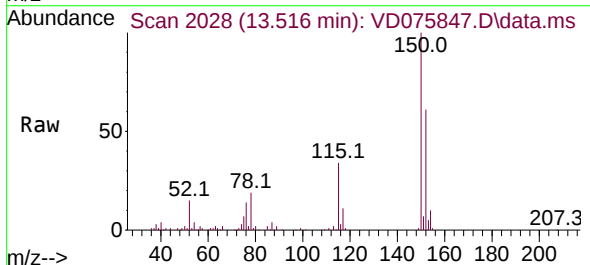
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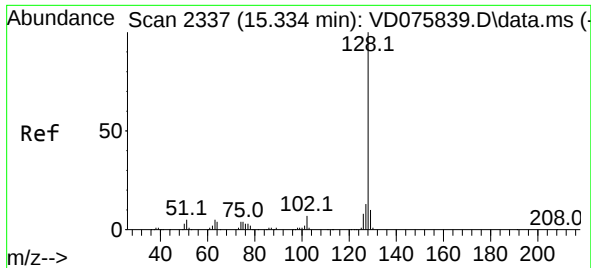
Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
58 24.9 59.7 89.5#
57 30.3 17.9 26.9#
100 0.0 15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 6.710 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075847.D
Acq: 26 Apr 2023 21:04

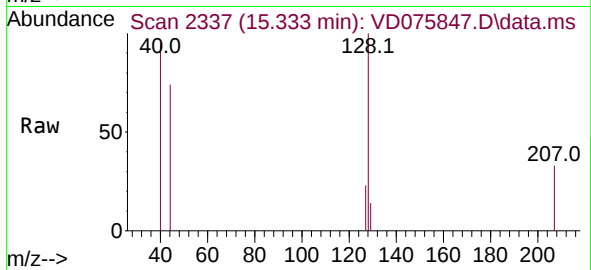
Tgt Ion: 75 Resp: 8425
Ion Ratio Lower Upper
75 100
77 31.8 26.6 39.8
110 0.0 33.5 50.3#





#71
Naphthalene
Concen: 0.352 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075847.D
Acq: 26 Apr 2023 21:04

Instrument :
MSVOA_D
ClientSampleId :
EW939



Tgt Ion:	128	Resp:	1812
Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.5	15.7#
129	0.0	9.1	13.7#

