

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075811.D
 Acq On : 25 Apr 2023 15:02
 Operator : KP/SY
 Sample : 02447-08RE
 Misc : 4.55G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW913RE

Quant Time: Apr 26 02:42:09 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)

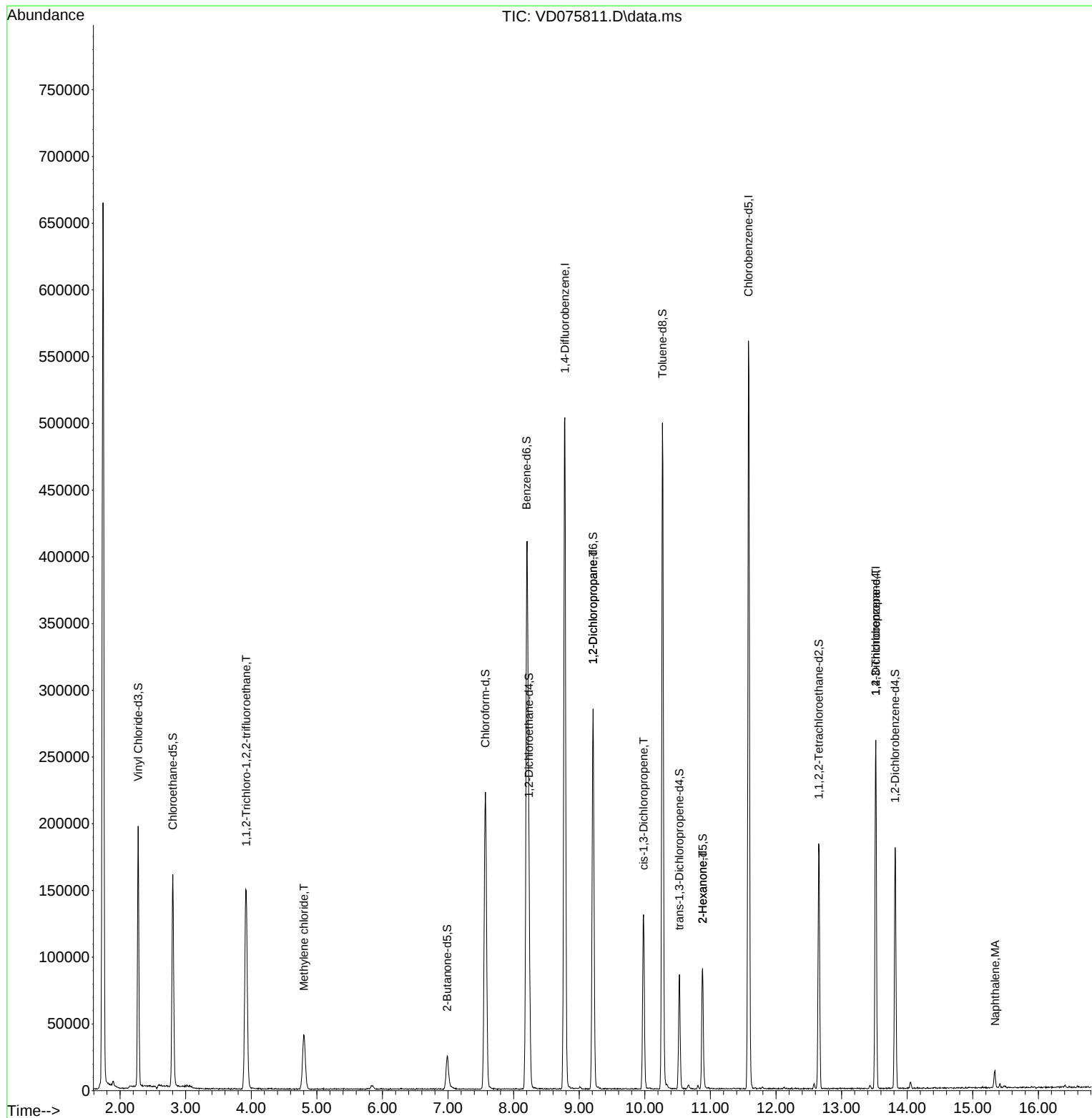
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	499563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	366451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	77332	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	183464	16.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.960%
7) Chloroethane-d5	2.805	69	172706	18.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.000%#
21) 2-Butanone-d5	6.987	46	41340	43.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.900%
24) Chloroform-d	7.569	84	250985	20.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.360%
26) 1,2-Dichloroethane-d4	8.234	65	106307	19.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.720%
32) Benzene-d6	8.199	84	478789	22.417	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.680%
36) 1,2-Dichloropropane-d6	9.210	67	151820	25.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.720%
41) Toluene-d8	10.269	98	374378	18.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.880%
43) trans-1,3-Dichloroprop...	10.528	79	49529	20.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.080%
47) 2-Hexanone-d5	10.881	63	33869	47.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96850	21.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	53518	19.566	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	3.922	101	1635	0.241	ug/L #	21
16) Methylene chloride	4.805	84	37042	3.655	ug/L	93
37) 1,2-Dichloropropane	9.210	63	14824	2.911	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3647	0.450	ug/L	84
48) 2-Hexanone	10.881	43	3408	2.604	ug/L #	38
61) 1,2,3-Trichloropropane	13.522	75	8185	6.738	ug/L #	62
71) Naphthalene	15.339	128	12865	2.580	ug/L	99

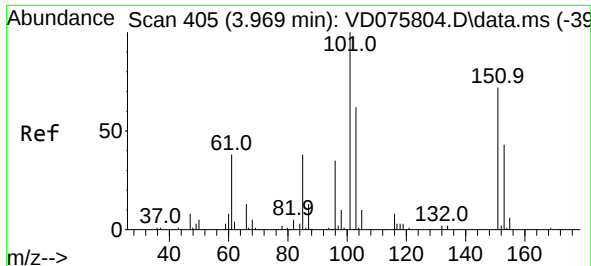
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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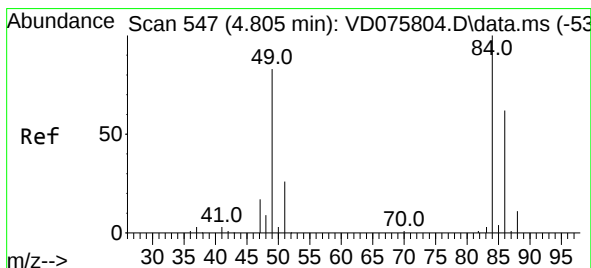
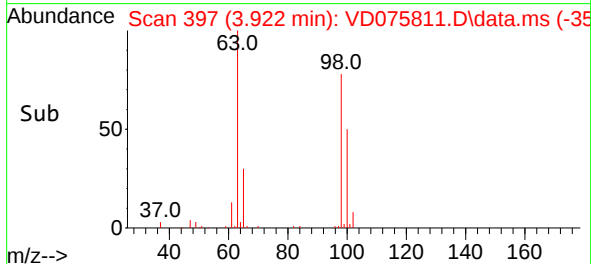
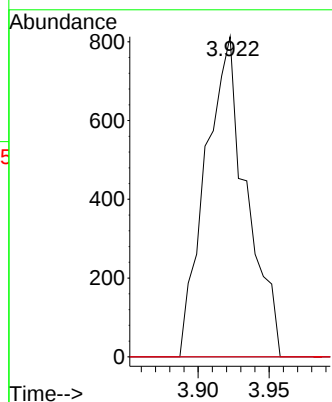
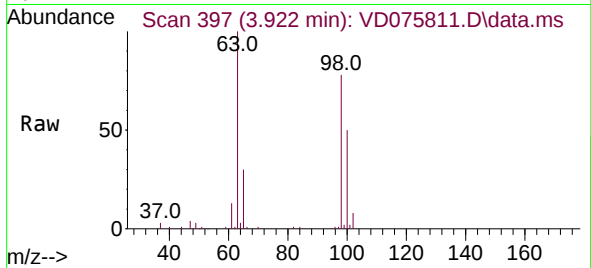




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.241 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.047 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

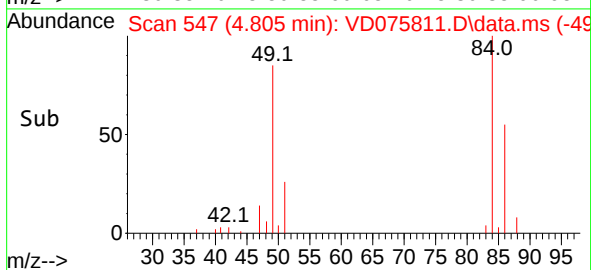
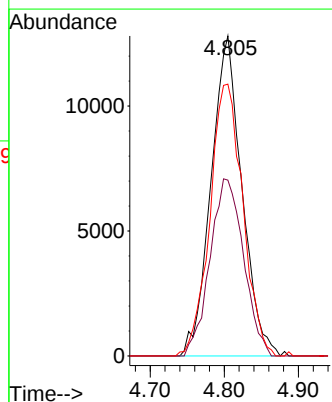
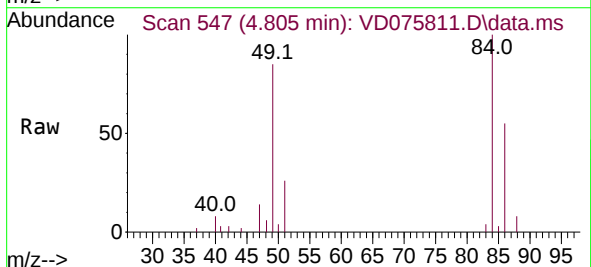
Instrument :
MSVOA_D
ClientSampleId :
EW913RE

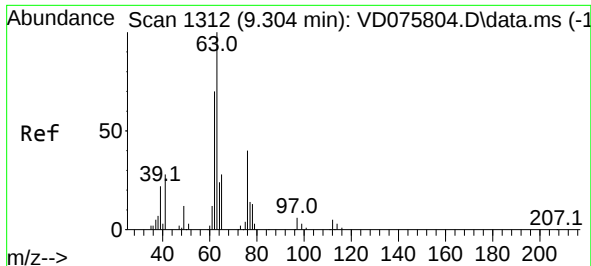
Tgt Ion:101 Resp: 1635
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#16
Methylene chloride
Concen: 3.655 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

Tgt Ion: 84 Resp: 37042
Ion Ratio Lower Upper
84 100
86 54.9 45.8 85.2
49 85.0 60.8 112.8

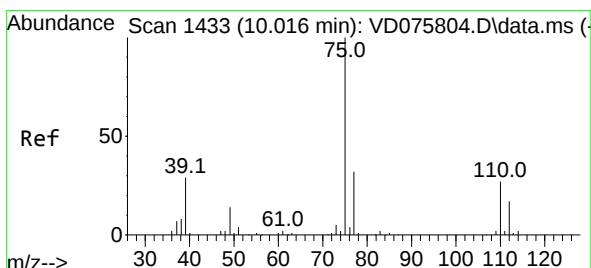
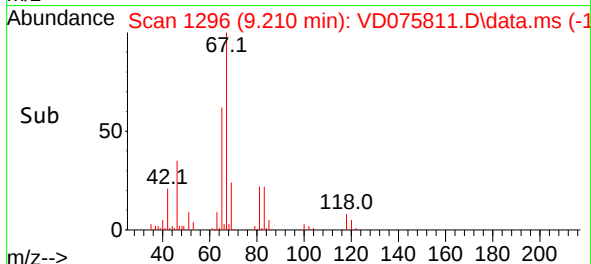
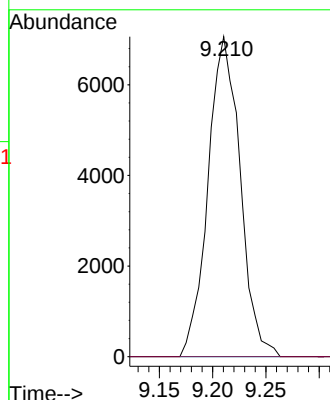
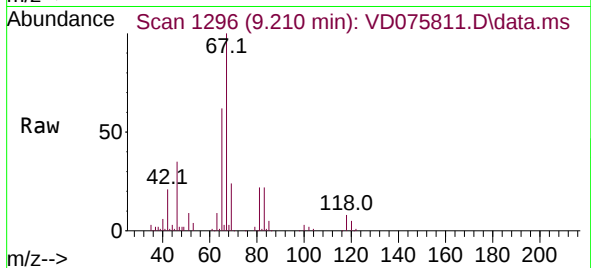




#37
1,2-Dichloropropane
Concen: 2.911 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

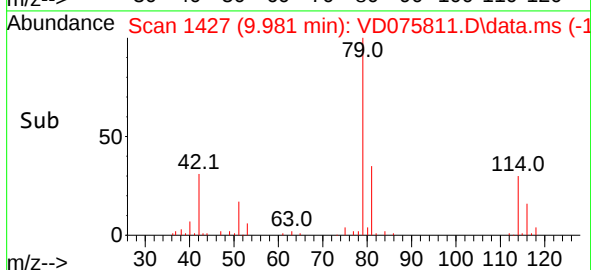
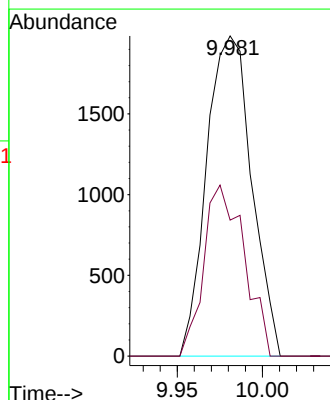
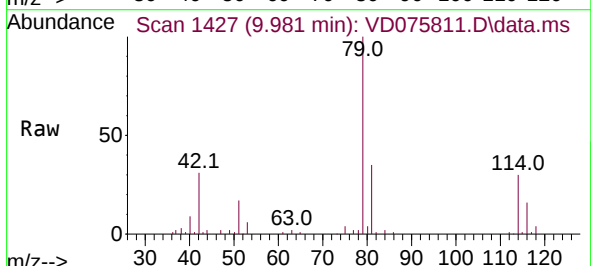
Instrument :
MSVOA_D
ClientSampleId :
EW913RE

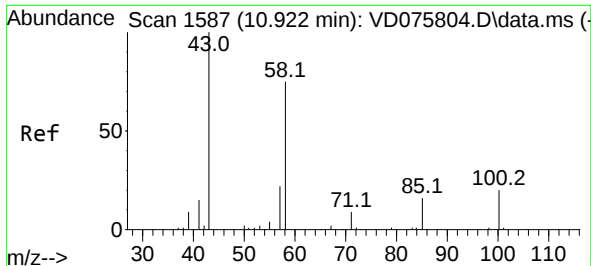
Tgt Ion: 63 Resp: 14824
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.450 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

Tgt Ion: 75 Resp: 3647
Ion Ratio Lower Upper
75 100
77 42.5 23.4 43.6

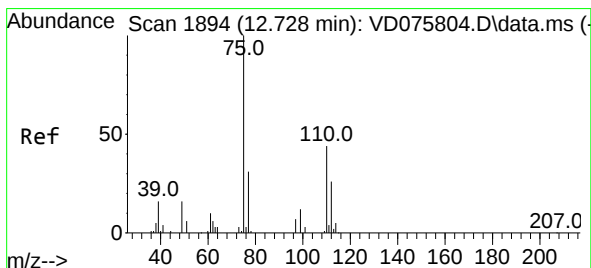
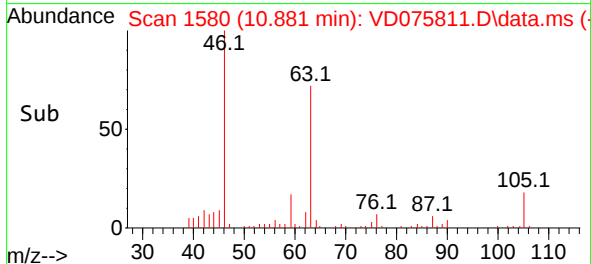
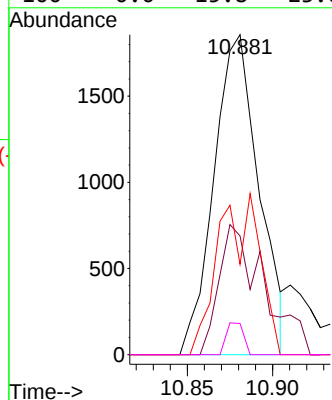
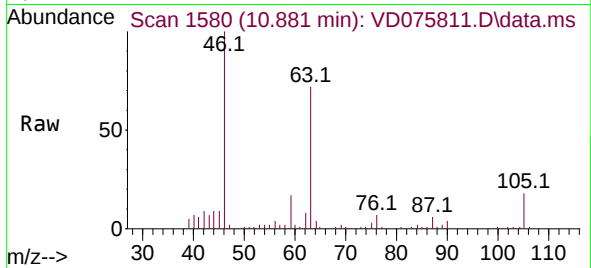




#48
2-Hexanone
Concen: 2.604 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

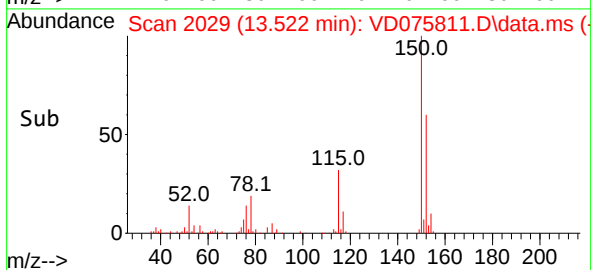
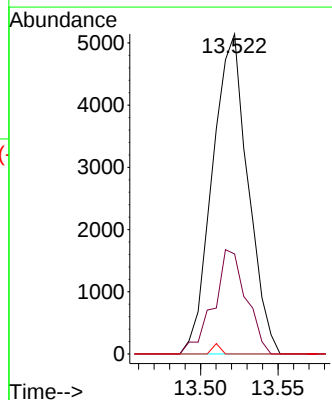
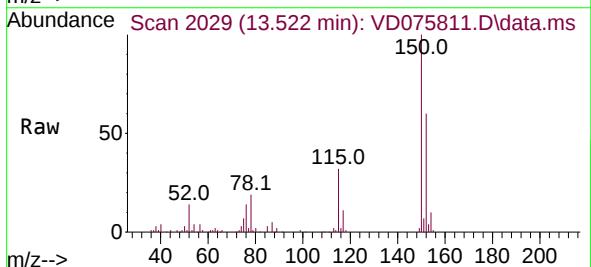
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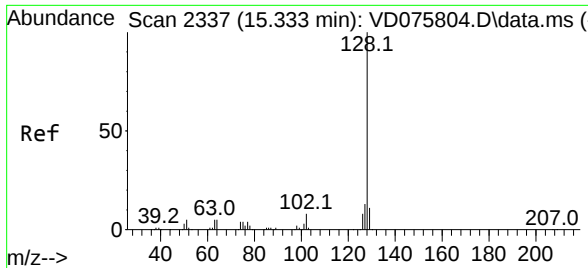
Tgt Ion: 43	Resp:	3408	
Ion	Ratio	Lower	Upper
43	100		
58	4.4	59.7	89.5#
57	18.9	17.9	26.9
100	0.0	15.8	23.6#



#61
1,2,3-Trichloropropane
Concen: 6.738 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD075811.D
Acq: 25 Apr 2023 15:02

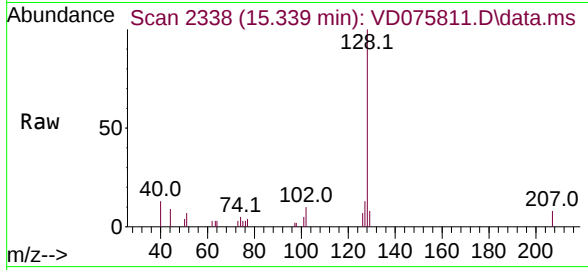
Tgt Ion: 75	Resp:	8185	
Ion Ratio	Lower	Upper	
75 100			
77 30.1	26.6	39.8	
110 1.6	33.5	50.3#	





#71
 Naphthalene
 Concen: 2.580 ug/L
 RT: 15.339 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075811.D
 Acq: 25 Apr 2023 15:02

Instrument : MSVOA_D
 ClientSampleId : EW913RE



Tgt Ion:	128	Resp:	12865
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.1	9.1	13.7

