

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075809.D
 Acq On : 25 Apr 2023 14:05
 Operator : KP/SY
 Sample : 02447-06RE
 Misc : 5.18G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:41:39 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)

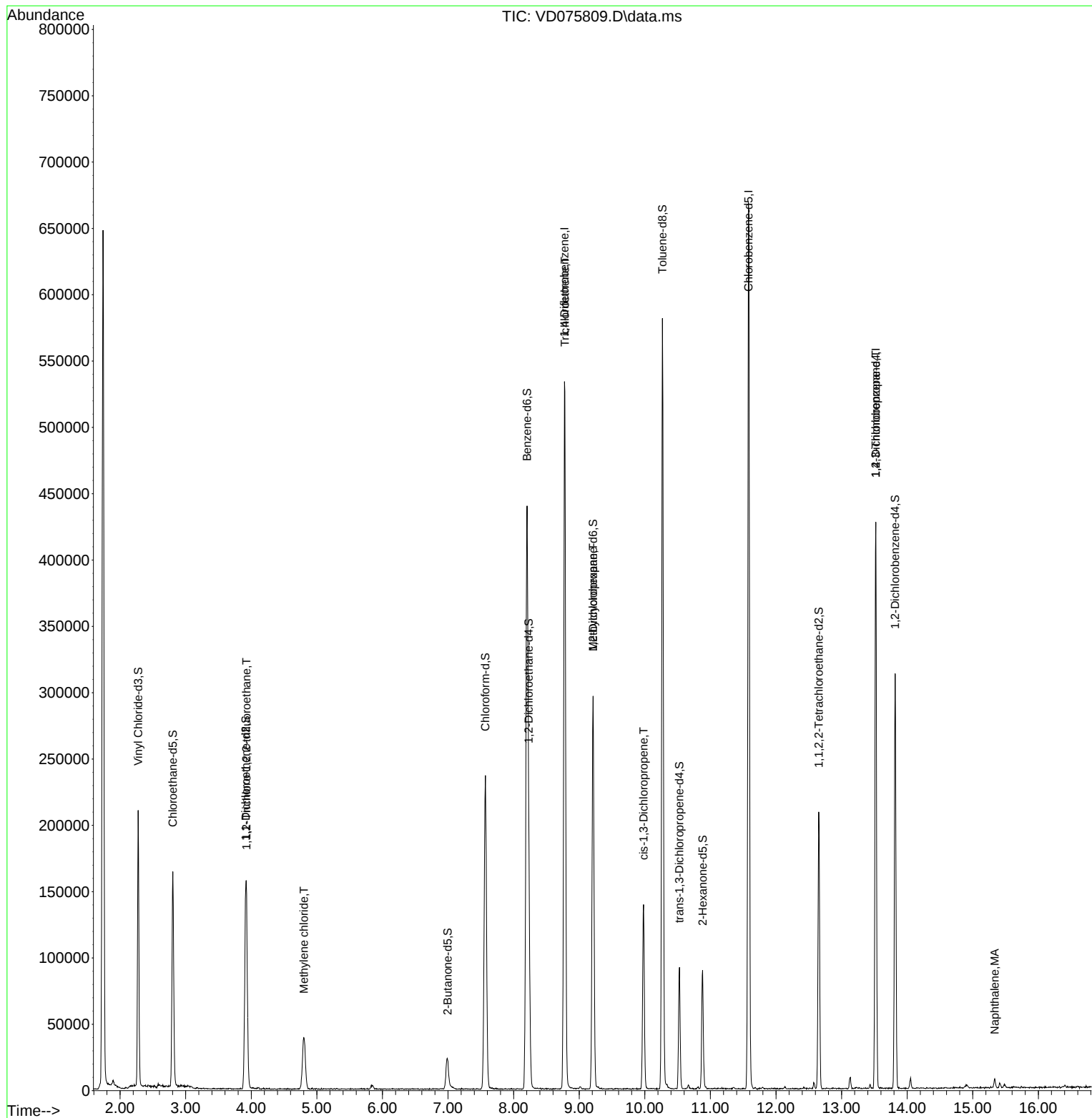
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	523039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	435636	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125732	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	191647	16.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
7) Chloroethane-d5	2.805	69	175213	17.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
11) 1,1-Dichloroethene-d2	3.917	65	42416	16.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.120%
21) 2-Butanone-d5	6.993	46	39363	39.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.040%
24) Chloroform-d	7.569	84	256487	19.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.440%
26) 1,2-Dichloroethane-d4	8.228	65	107880	19.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.240%
32) Benzene-d6	8.205	84	504703	19.877	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.520%
36) 1,2-Dichloropropane-d6	9.210	67	156129	22.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.880%
41) Toluene-d8	10.269	98	427129	17.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.880%
43) trans-1,3-Dichloroprop...	10.528	79	54090	18.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.480%
47) 2-Hexanone-d5	10.881	63	32751	38.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110870	20.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	91557	20.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.360%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1637	0.231	ug/L #	21
16) Methylene chloride	4.805	84	36687	3.458	ug/L	96
34) Trichloroethene	8.781	95	13112	1.924	ug/L #	2
35) Methylcyclohexane	9.210	83	38072	3.624	ug/L #	24
39) cis-1,3-Dichloropropene	9.981	75	3483	0.362	ug/L #	75
61) 1,2,3-Trichloropropane	13.522	75	14166	7.172	ug/L #	61
71) Naphthalene	15.334	128	6991	0.862	ug/L #	91

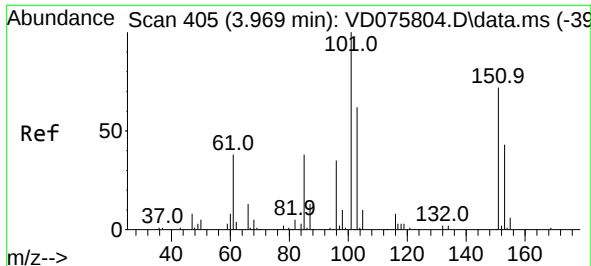
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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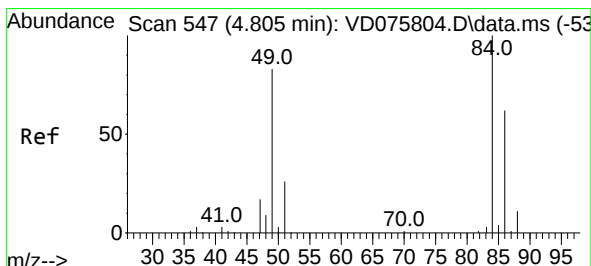
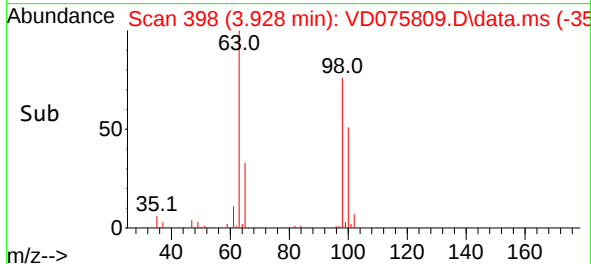
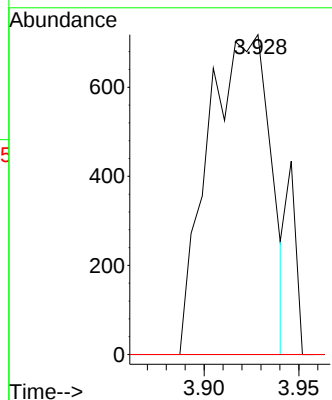
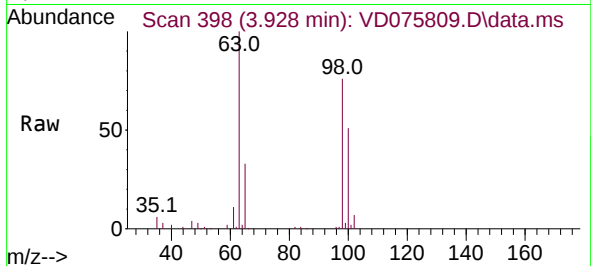




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.231 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.041 min
Lab File: VD075809.D
Acq: 25 Apr 2023 14:05

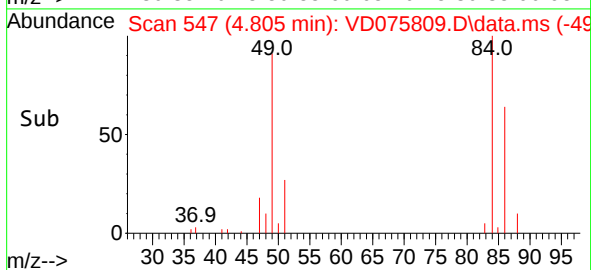
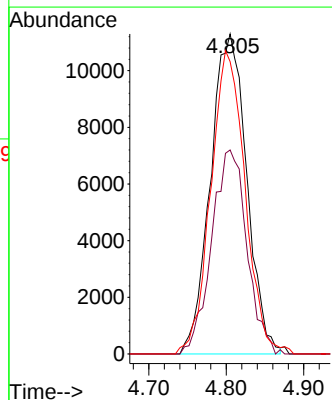
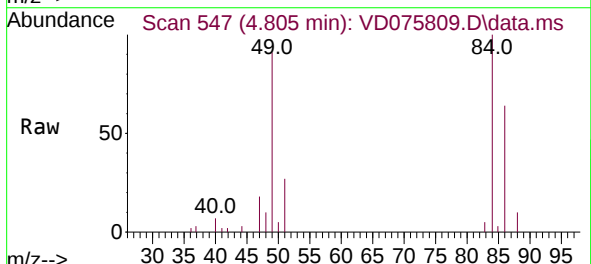
Instrument :
MSVOA_D
ClientSampleId :

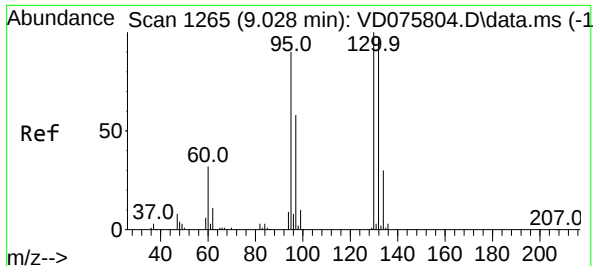
Tgt Ion:101 Resp: 1637
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#16
Methylene chloride
Concen: 3.458 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075809.D
Acq: 25 Apr 2023 14:05

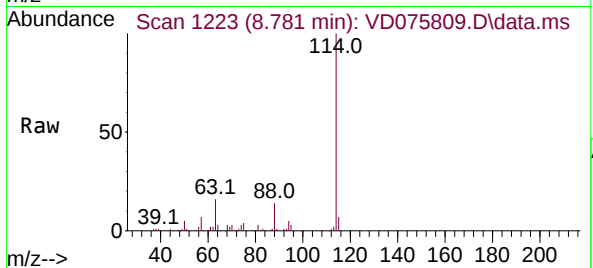
Tgt Ion: 84 Resp: 36687
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.2
49 91.4 60.8 112.8



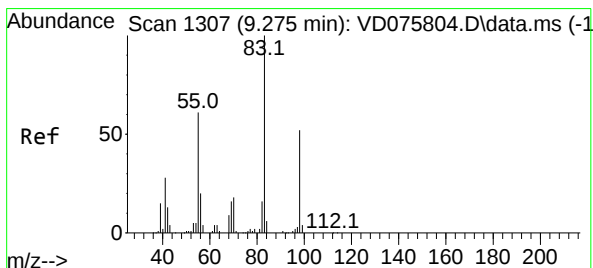
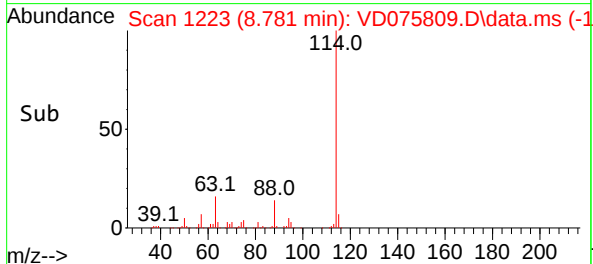
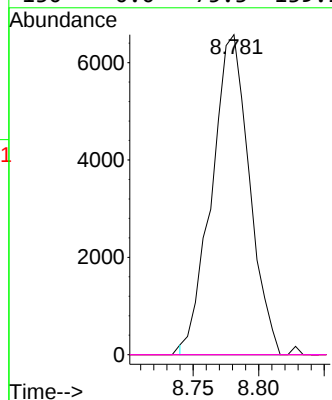


#34
 Trichloroethene
 Concen: 1.924 ug/L
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.247 min
 Lab File: VD075809.D
 Acq: 25 Apr 2023 14:05

Instrument :
 MSVOA_D
 ClientSampleId :

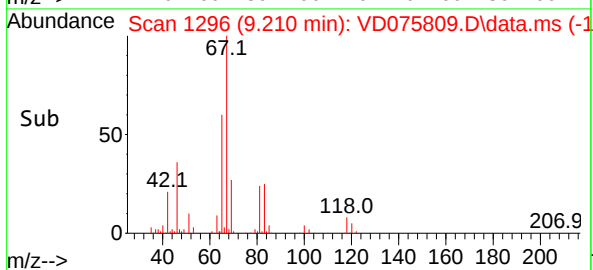
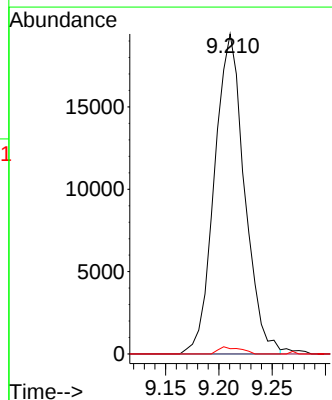
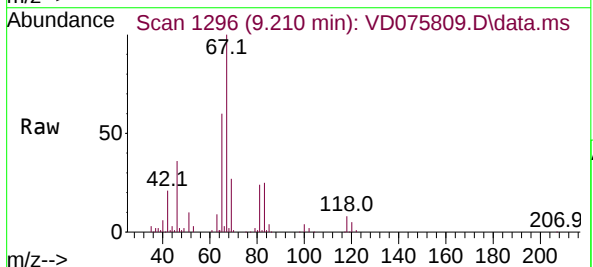


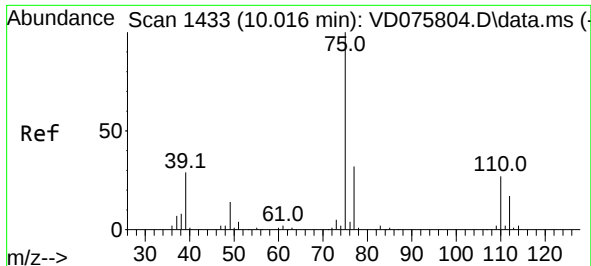
Tgt Ion:	95	Resp:	13112
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#



#35
 Methylcyclohexane
 Concen: 3.624 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD075809.D
 Acq: 25 Apr 2023 14:05

Tgt Ion:	83	Resp:	38072
Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.6	40.8	61.2#

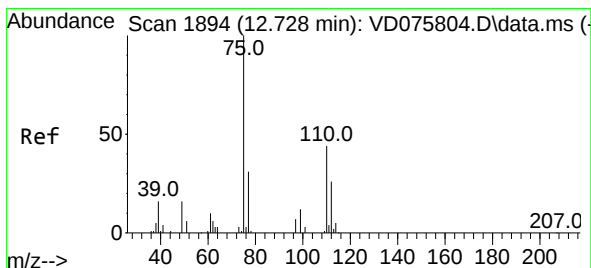
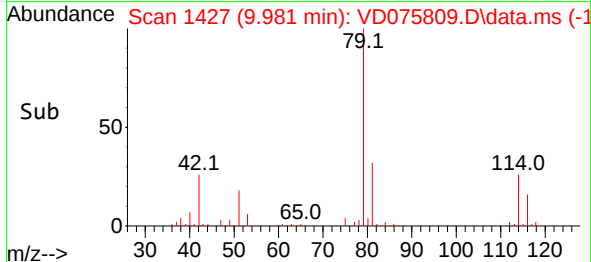
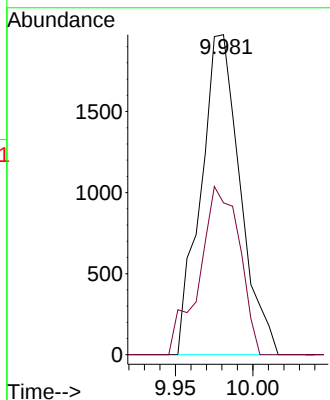
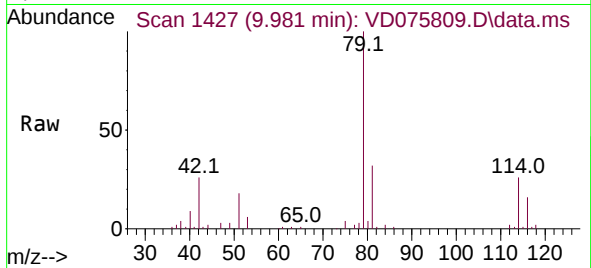




#39
 cis-1,3-Dichloropropene
 Concen: 0.362 ug/L
 RT: 9.981 min Scan# 1433
 Delta R.T. -0.035 min
 Lab File: VD075809.D
 Acq: 25 Apr 2023 14:05

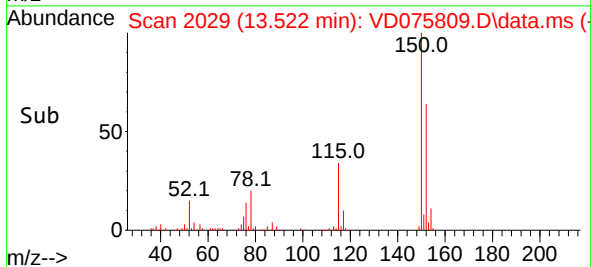
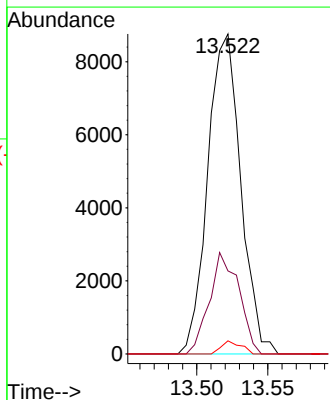
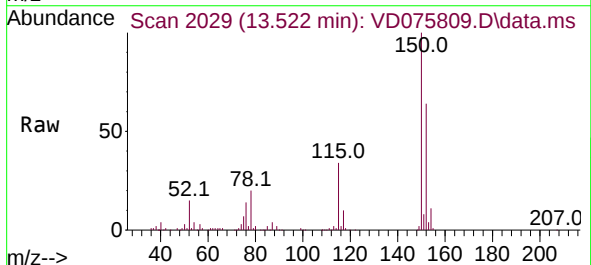
Instrument :
 MSVOA_D
 ClientSampleId :

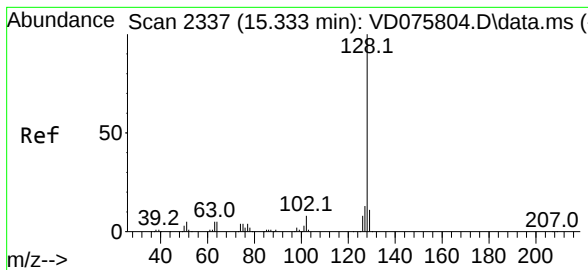
Tgt Ion: 75 Resp: 3483
 Ion Ratio Lower Upper
 75 100
 77 47.5 23.4 43.6#



#61
 1,2,3-Trichloropropane
 Concen: 7.172 ug/L
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.794 min
 Lab File: VD075809.D
 Acq: 25 Apr 2023 14:05

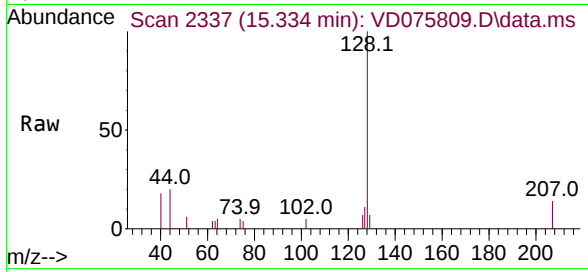
Tgt Ion: 75 Resp: 14166
 Ion Ratio Lower Upper
 75 100
 77 28.4 26.6 39.8
 110 2.4 33.5 50.3#





#71
 Naphthalene
 Concen: 0.862 ug/L
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075809.D
 Acq: 25 Apr 2023 14:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	6991
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.5	15.7
129	7.0	9.1	13.7#

