

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075808.D
 Acq On : 25 Apr 2023 13:36
 Operator : KP/SY
 Sample : 02447-05RE
 Misc : 4.62G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 02:41:25 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)

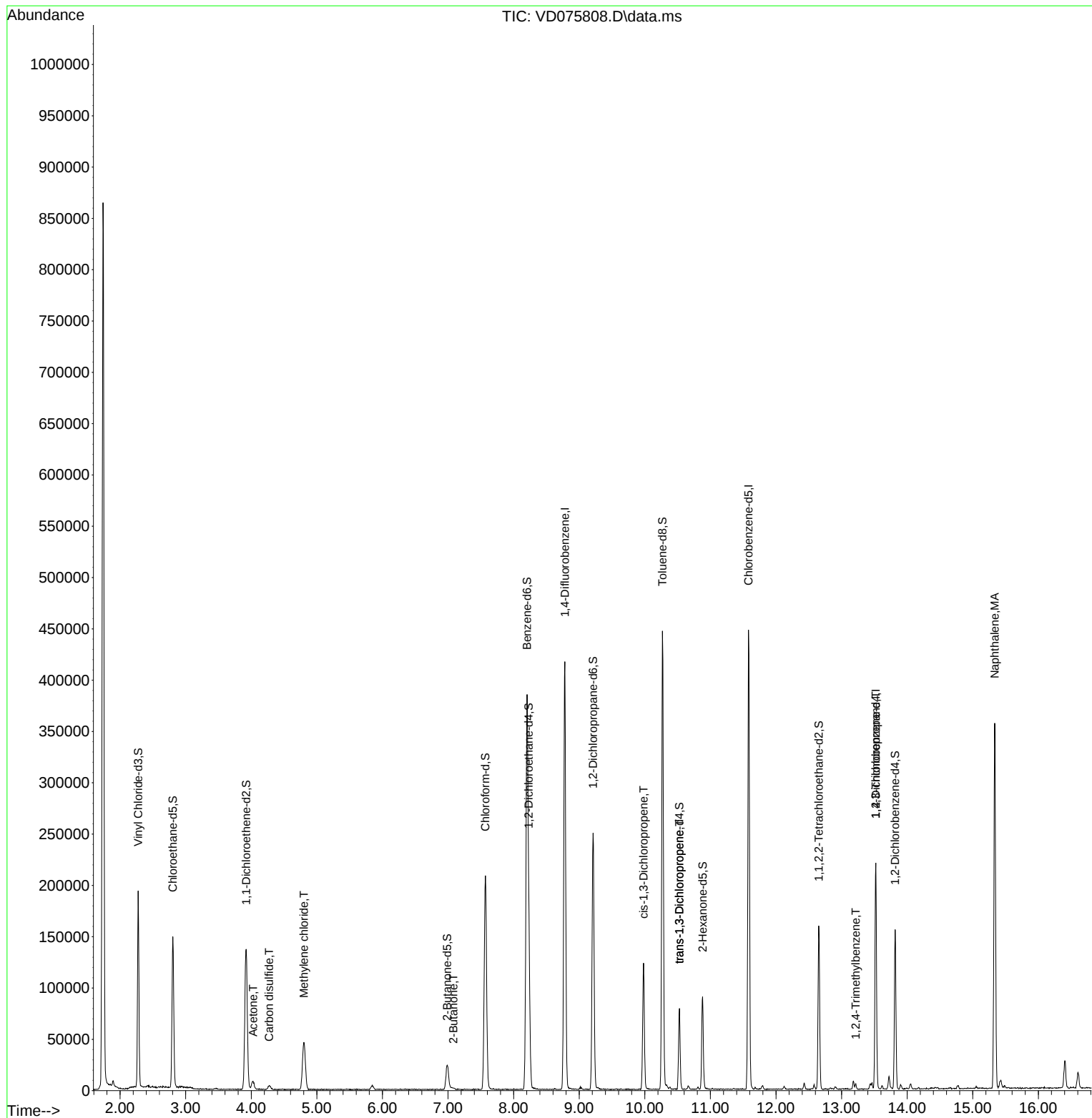
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	409810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	65524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	178323	19.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
7) Chloroethane-d5	2.805	69	158674	20.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
11) 1,1-Dichloroethene-d2	3.922	65	39637	19.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.480%
21) 2-Butanone-d5	6.987	46	40961	52.483	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.960%
24) Chloroform-d	7.569	84	228276	22.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.228	65	101518	23.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	8.205	84	439612	26.152	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	9.210	67	135071	29.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.120%
41) Toluene-d8	10.269	98	329601	20.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.528	79	46363	24.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.440%
47) 2-Hexanone-d5	10.881	63	33994	60.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83773	23.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	45215	19.509	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.040%
Target Compounds						Qvalue
13) Acetone	4.028	43	13042	19.527	ug/L	68
14) Carbon disulfide	4.269	76	8151	0.433	ug/L #	93
16) Methylene chloride	4.805	84	42419	5.102	ug/L	90
22) 2-Butanone	7.081	43	1193	1.370	ug/L #	65
39) cis-1,3-Dichloropropene	9.981	75	3205	0.503	ug/L #	72
44) trans-1,3-Dichloropropene	10.528	75	2089	0.408	ug/L #	78
61) 1,2,3-Trichloropropane	13.522	75	7629	7.412	ug/L #	62
63) 1,2,4-Trimethylbenzene	13.216	105	3083	0.494	ug/L	91
71) Naphthalene	15.334	128	332816	78.762	ug/L	99

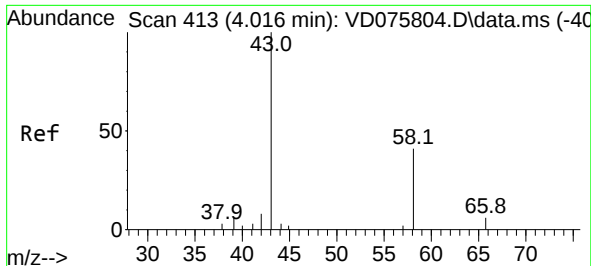
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 19.527 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075808.D

Acq: 25 Apr 2023 13:36

Instrument :

MSVOA_D

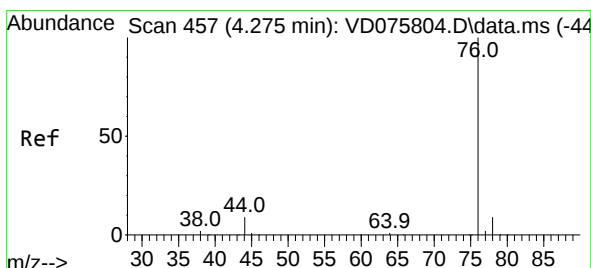
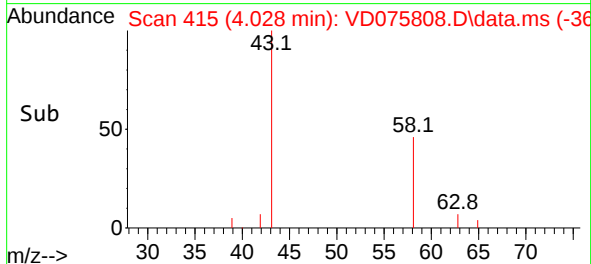
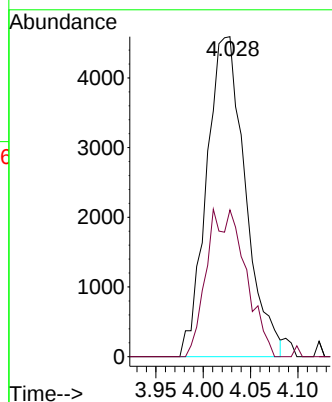
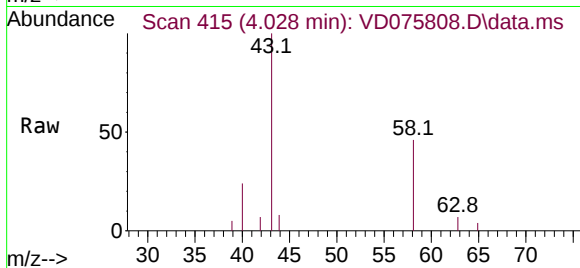
ClientSampleId :

Tgt Ion: 43 Resp: 13042

Ion Ratio Lower Upper

43 100

58 23.3 0.0 87.4



#14

Carbon disulfide

Concen: 0.433 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075808.D

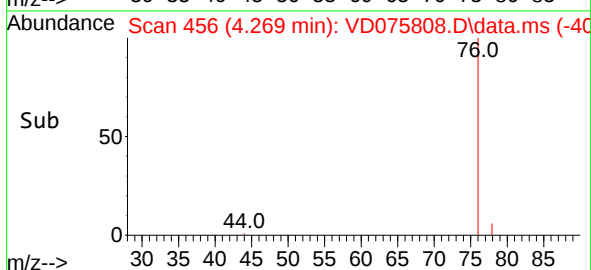
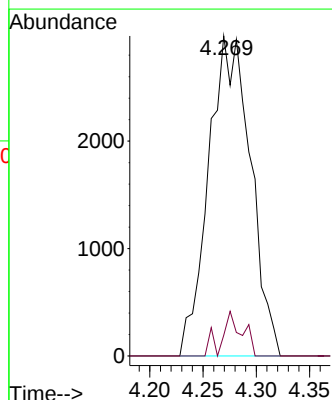
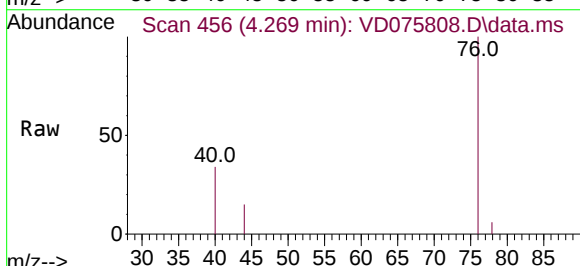
Acq: 25 Apr 2023 13:36

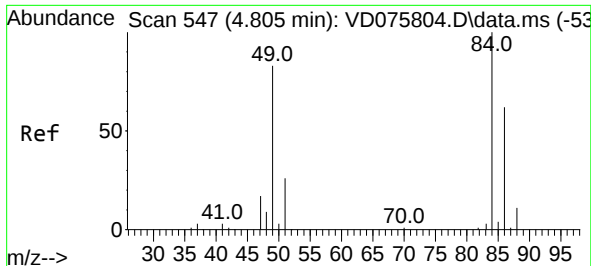
Tgt Ion: 76 Resp: 8151

Ion Ratio Lower Upper

76 100

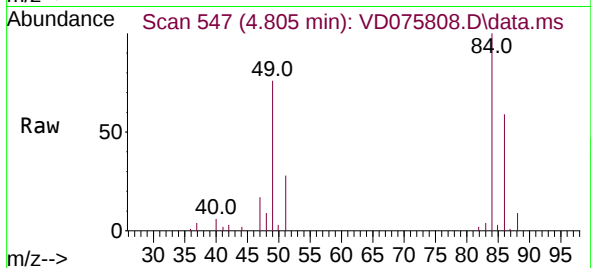
78 6.4 7.0 10.6#



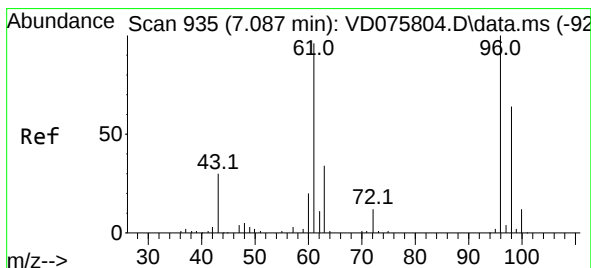
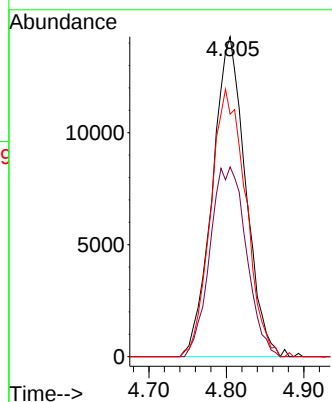
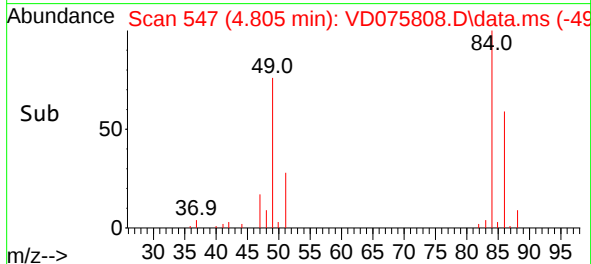


#16
Methylene chloride
Concen: 5.102 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075808.D
Acq: 25 Apr 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

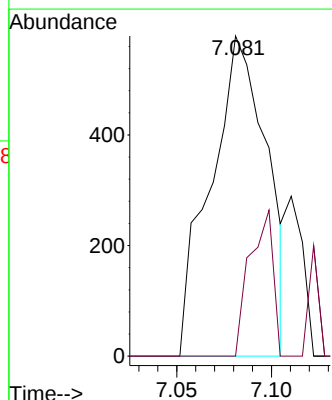
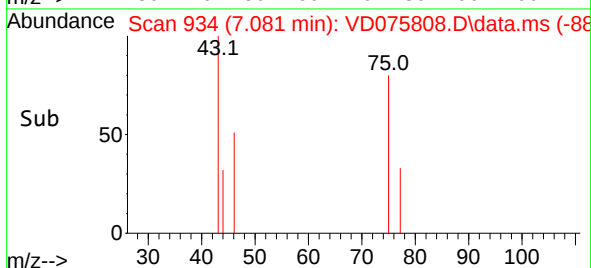
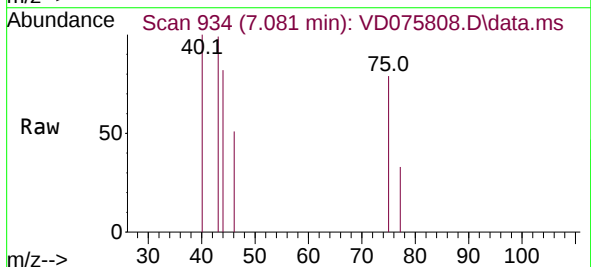


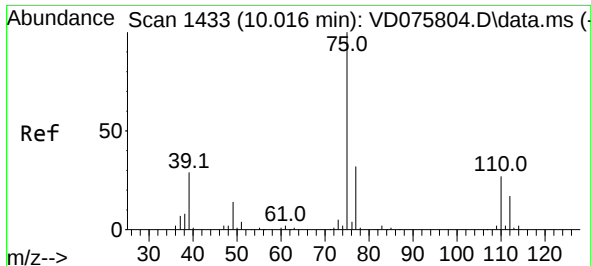
Tgt Ion: 84 Resp: 42419
Ion Ratio Lower Upper
84 100
86 59.3 45.8 85.2
49 75.8 60.8 112.8



#22
2-Butanone
Concen: 1.370 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD075808.D
Acq: 25 Apr 2023 13:36

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
72 18.9 20.5 61.5#





#39

cis-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075808.D

Acq: 25 Apr 2023 13:36

Instrument :

MSVOA_D

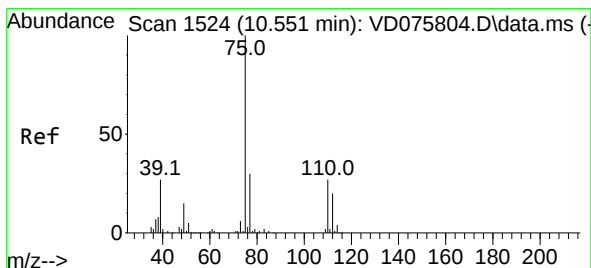
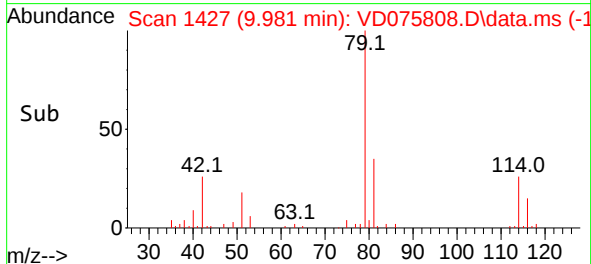
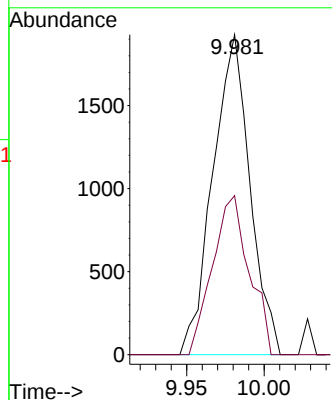
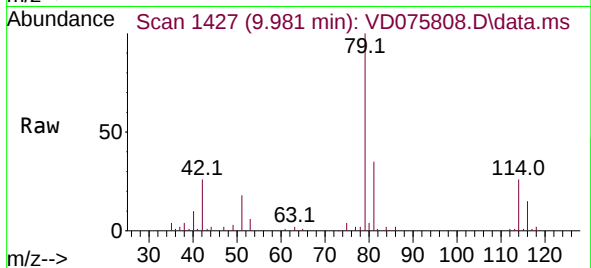
ClientSampleId :

Tgt Ion: 75 Resp: 3205

Ion Ratio Lower Upper

75 100

77 49.7 23.4 43.6#



#44

trans-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD075808.D

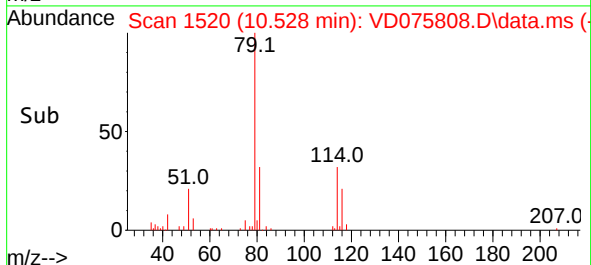
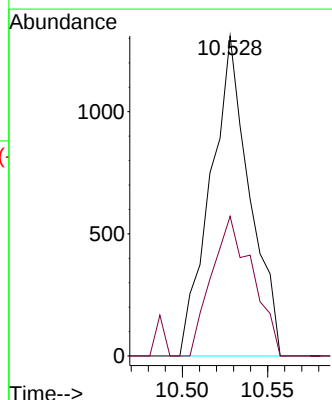
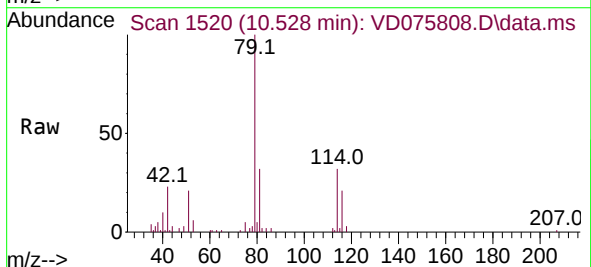
Acq: 25 Apr 2023 13:36

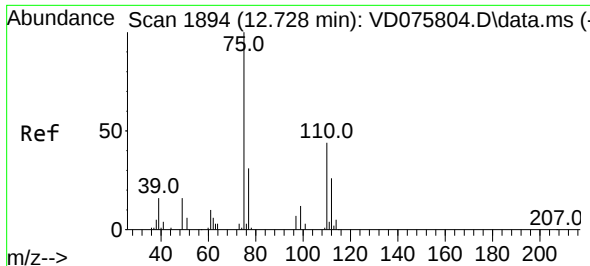
Tgt Ion: 75 Resp: 2089

Ion Ratio Lower Upper

75 100

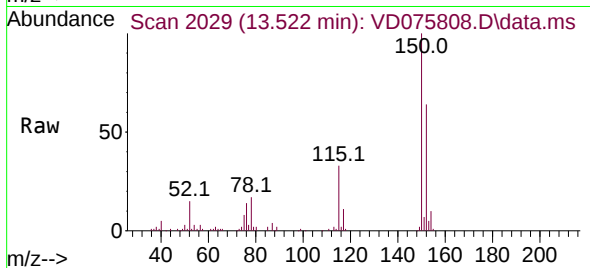
77 43.7 22.0 41.0#



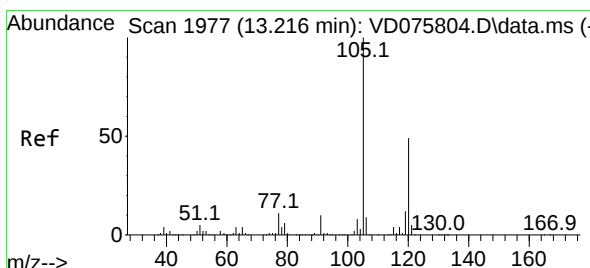
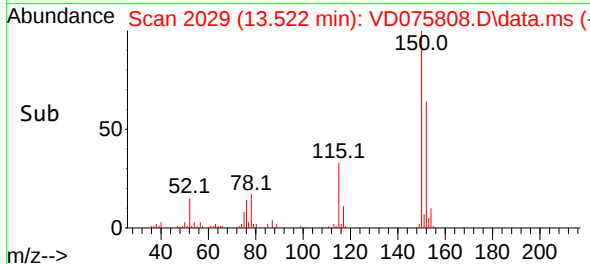
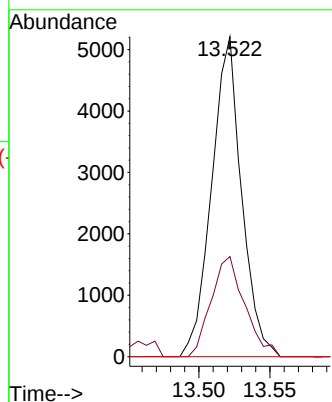


#61
1,2,3-Trichloropropane
Concen: 7.412 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD075808.D
Acq: 25 Apr 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

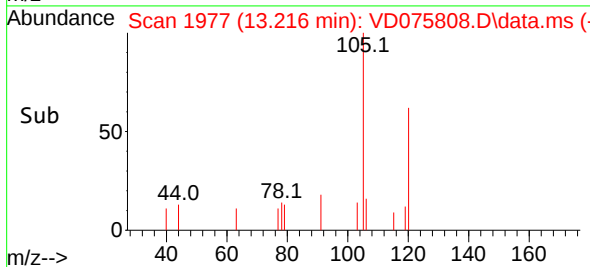
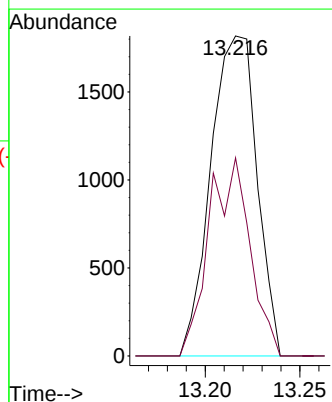
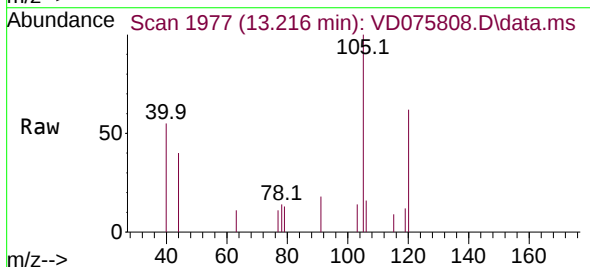


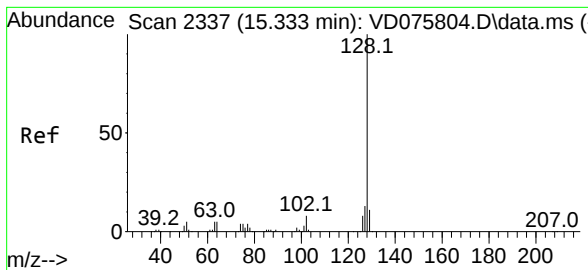
Tgt Ion: 75 Resp: 7629
Ion Ratio Lower Upper
75 100
77 35.1 26.6 39.8
110 0.0 33.5 50.3#



#63
1,2,4-Trimethylbenzene
Concen: 0.494 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075808.D
Acq: 25 Apr 2023 13:36

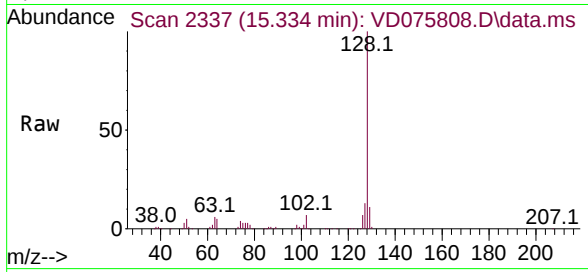
Tgt Ion:105 Resp: 3083
Ion Ratio Lower Upper
105 100
120 54.8 39.0 58.6





#71
Naphthalene
Concen: 78.762 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075808.D
Acq: 25 Apr 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	332816
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	9.1	13.7

