

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075934.D
 Acq On : 01 May 2023 12:33
 Operator : KP/SY
 Sample : 02548-26RE
 Misc : 5.46G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:32:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

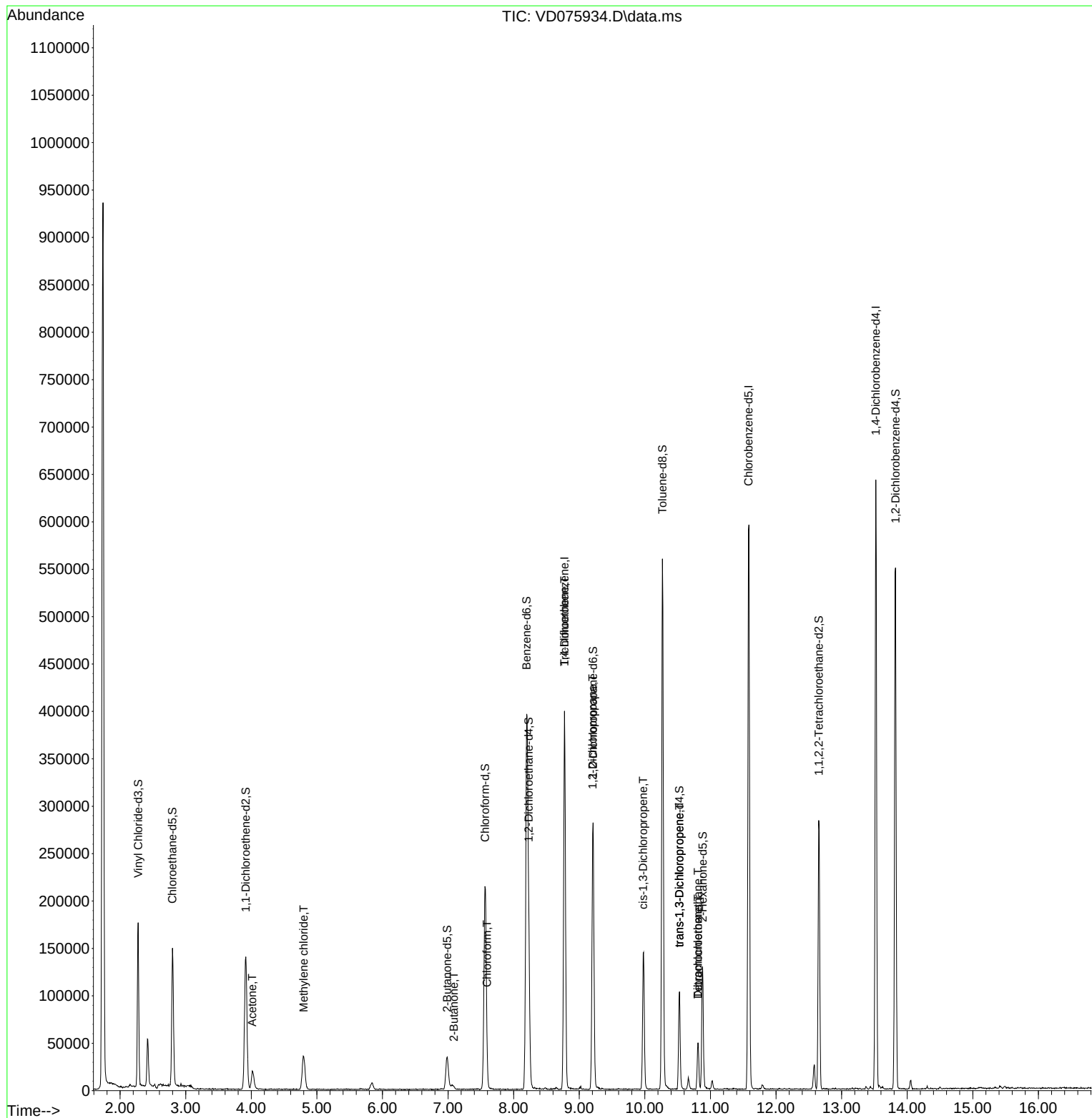
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	383902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	394780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	163261	19.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.799	69	159001	21.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	3.916	65	38918	20.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.160%
21) 2-Butanone-d5	6.987	46	59331	81.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.300%#
24) Chloroform-d	7.563	84	240595	25.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.228	65	114353	27.893	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.560%
32) Benzene-d6	8.199	84	455675	19.804	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	9.210	67	151397	23.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	10.269	98	409129	18.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.960%
43) trans-1,3-Dichloroprop...	10.528	79	62874	23.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.881	63	48124	62.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	150646	30.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.640%#
66) 1,2-Dichlorobenzene-d4	13.822	152	167731	25.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.680%
Target Compounds						Qvalue
13) Acetone	4.016	43	32338	51.685	ug/L	96
16) Methylene chloride	4.799	84	31367	4.028	ug/L	95
22) 2-Butanone	7.087	43	1217	1.492	ug/L	75
25) Chloroform	7.593	83	3746	0.403	ug/L	80
34) Trichloroethene	8.775	95	9010	1.459	ug/L #	2
37) 1,2-Dichloropropane	9.204	63	14591	2.660	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	4006	0.459	ug/L	87
44) trans-1,3-Dichloropropene	10.528	75	3028	0.432	ug/L	91
46) Tetrachloroethene	10.810	164	12221	2.413	ug/L	90
49) Dibromochloromethane	10.810	129	10726	2.111	ug/L #	10

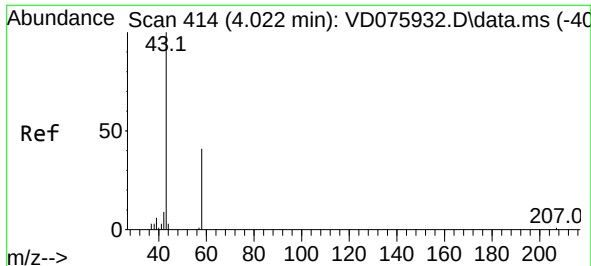
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration





#13

Acetone

Concen: 51.685 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD075934.D

Acq: 01 May 2023 12:33

Instrument :

MSVOA_D

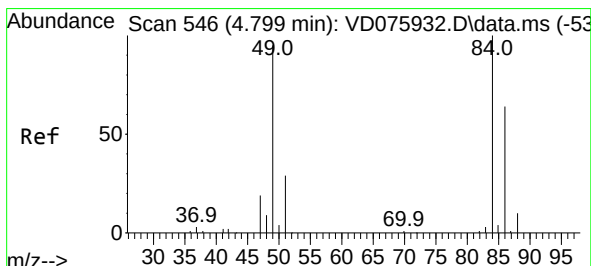
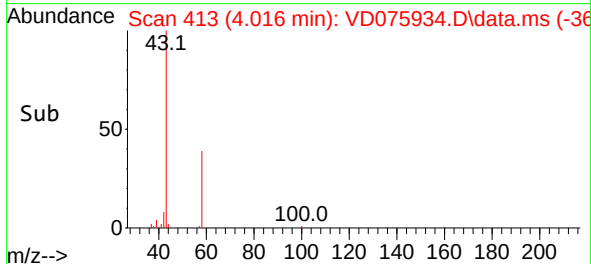
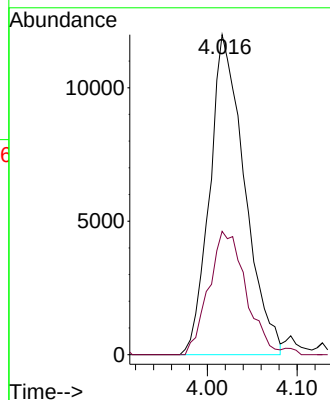
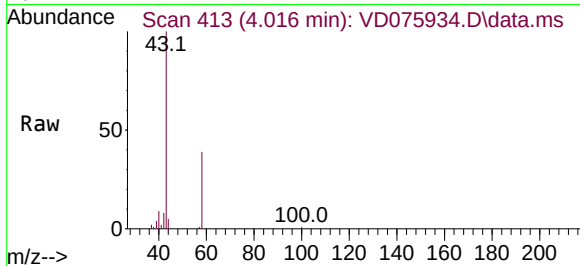
ClientSampleId :

Tgt Ion: 43 Resp: 32338

Ion Ratio Lower Upper

43 100

58 40.9 0.0 87.4



#16

Methylene chloride

Concen: 4.028 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075934.D

Acq: 01 May 2023 12:33

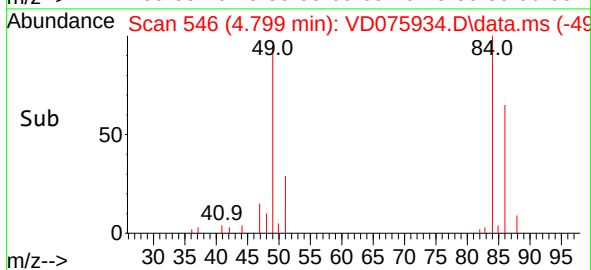
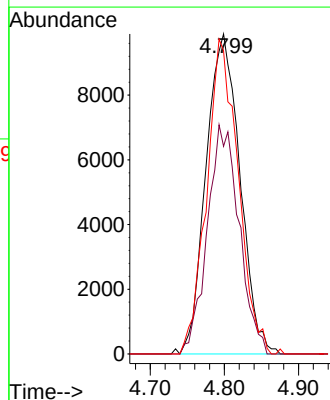
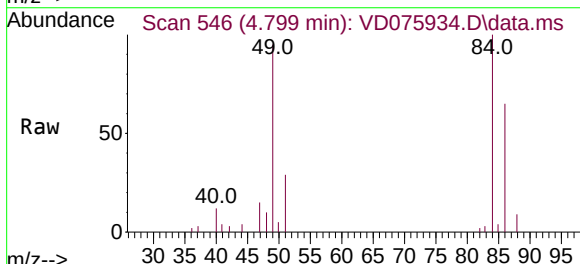
Tgt Ion: 84 Resp: 31367

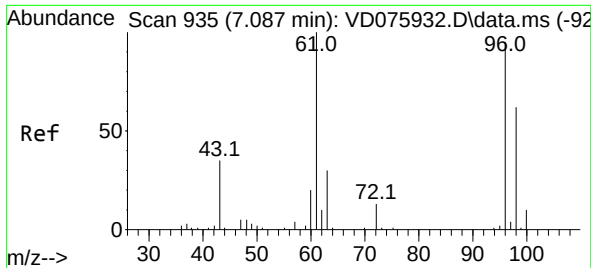
Ion Ratio Lower Upper

84 100

86 64.9 45.8 85.2

49 94.7 60.8 112.8

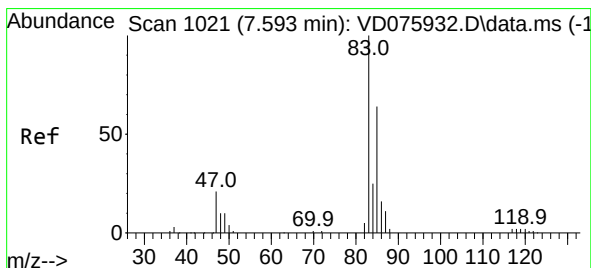
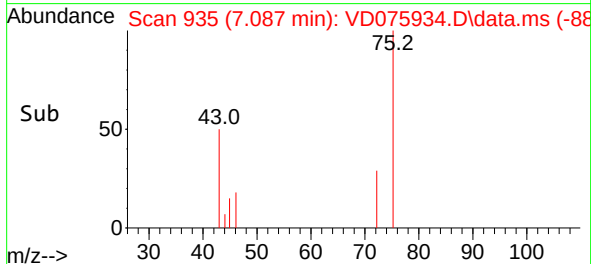
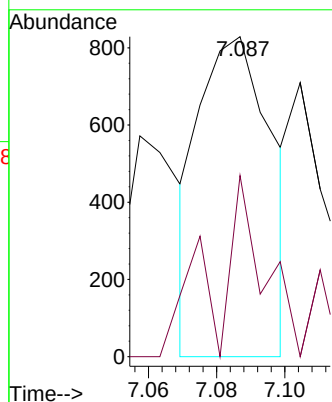
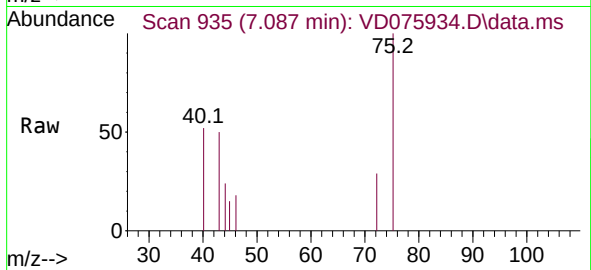




#22
2-Butanone
Concen: 1.492 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33

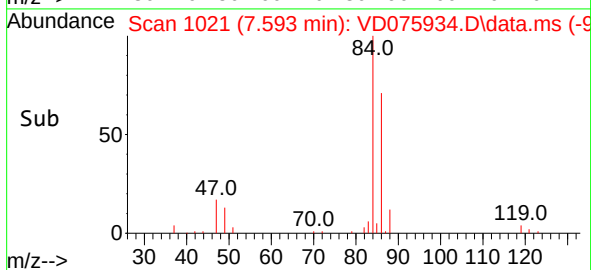
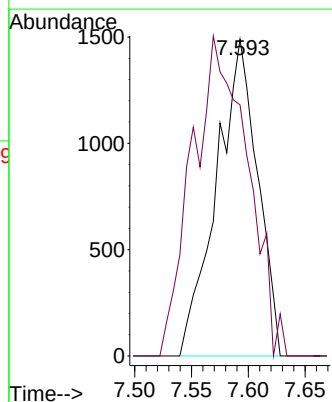
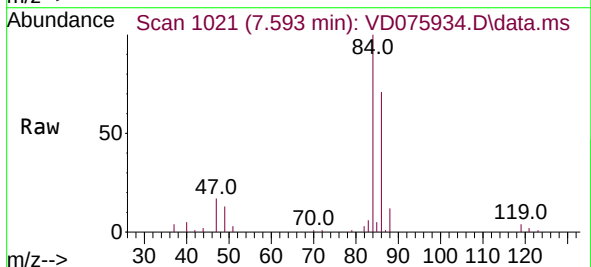
Instrument :
MSVOA_D
ClientSampleId :

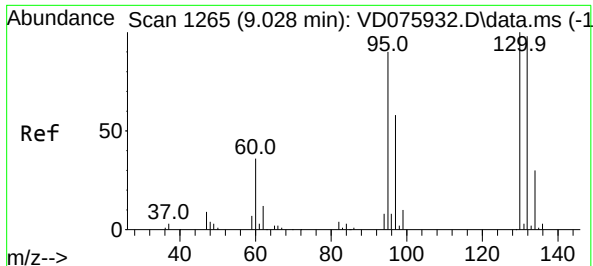
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
72 25.5 20.5 61.5



#25
Chloroform
Concen: 0.403 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33

Tgt Ion: 83 Resp: 3746
Ion Ratio Lower Upper
83 100
85 79.3 44.4 82.5

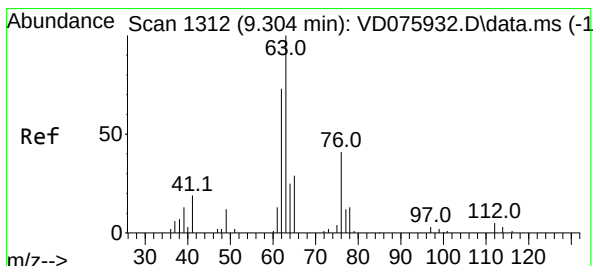
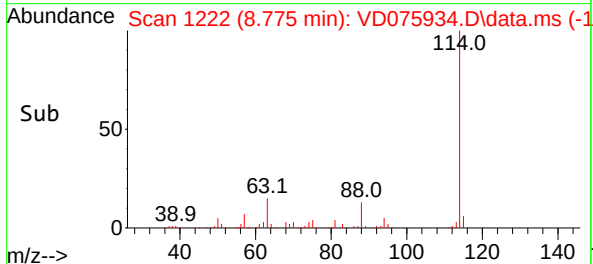
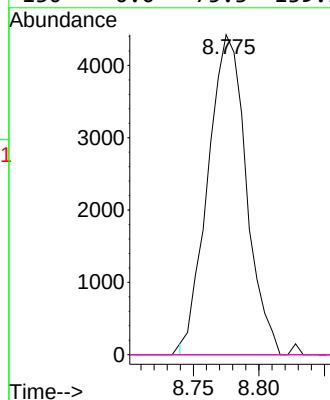
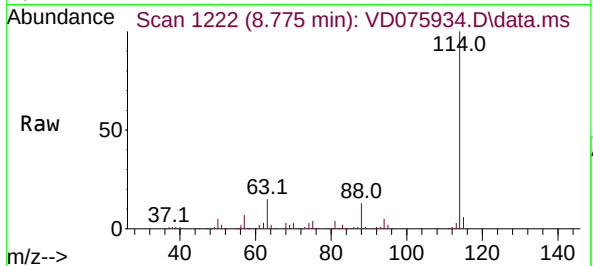




#34
Trichloroethene
Concen: 1.459 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33

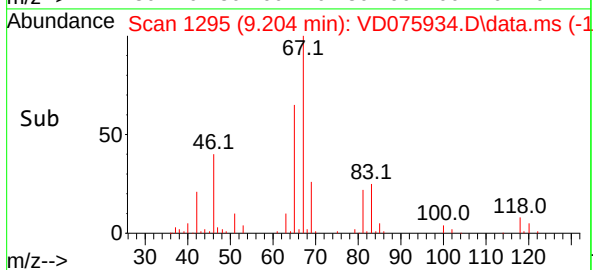
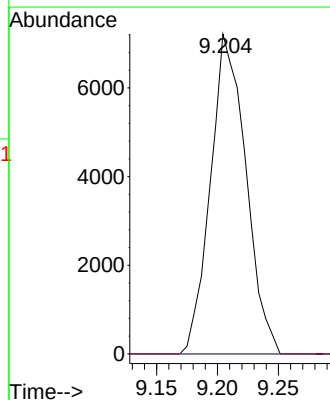
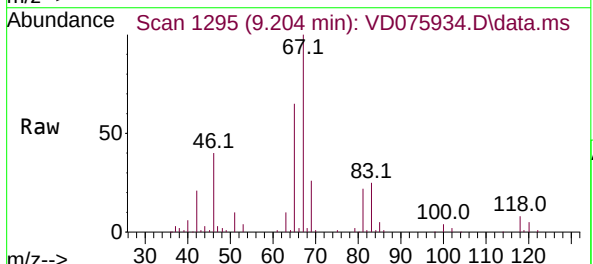
Instrument :
MSVOA_D
ClientSampleId :

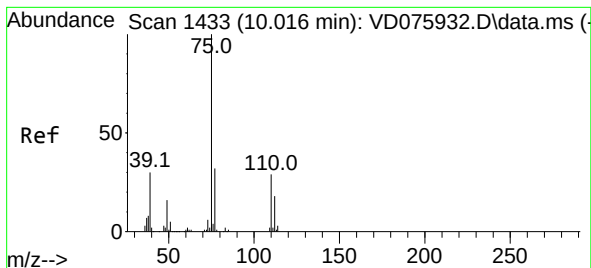
Tgt Ion: 95 Resp: 9010
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#



#37
1,2-Dichloropropane
Concen: 2.660 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33

Tgt Ion: 63 Resp: 14591
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

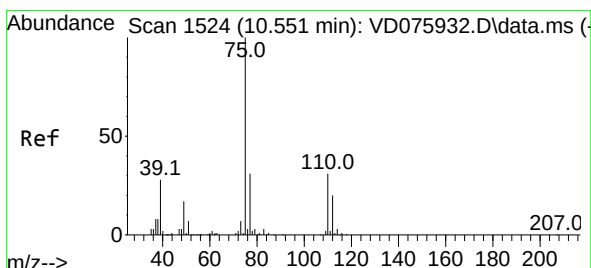
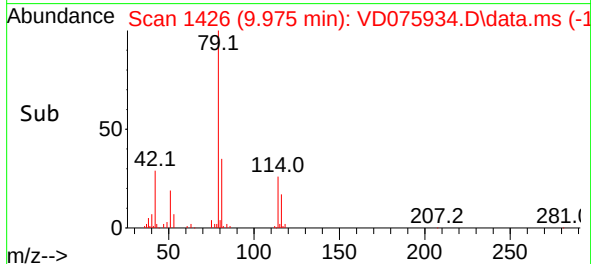
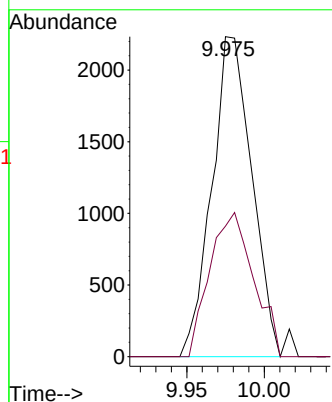
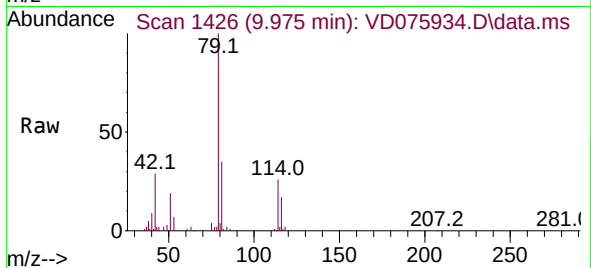




#39
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 9.975 min Scan# 1433
 Delta R.T. -0.041 min
 Lab File: VD075934.D
 Acq: 01 May 2023 12:33

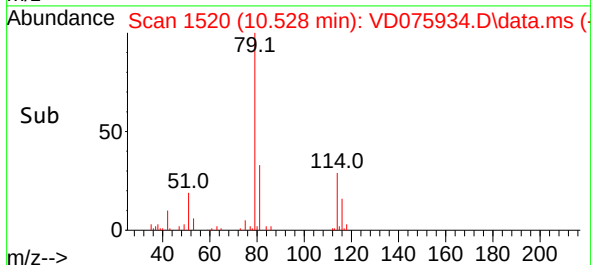
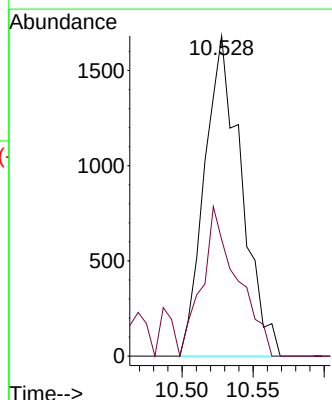
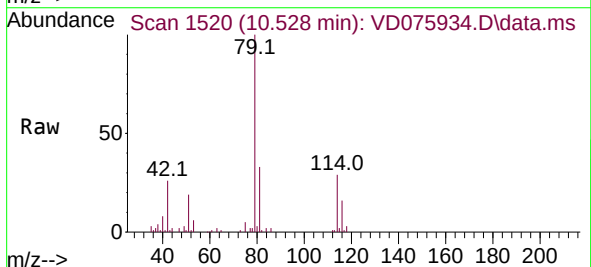
Instrument :
 MSVOA_D
 ClientSampleId :

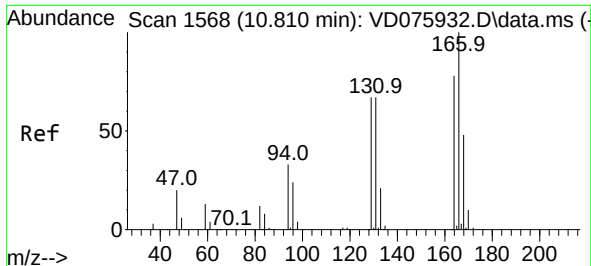
Tgt Ion: 75 Resp: 4006
 Ion Ratio Lower Upper
 75 100
 77 40.8 23.4 43.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.432 ug/L
 RT: 10.528 min Scan# 1520
 Delta R.T. -0.024 min
 Lab File: VD075934.D
 Acq: 01 May 2023 12:33

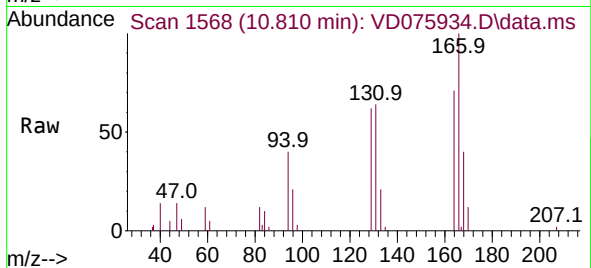
Tgt Ion: 75 Resp: 3028
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.0 41.0



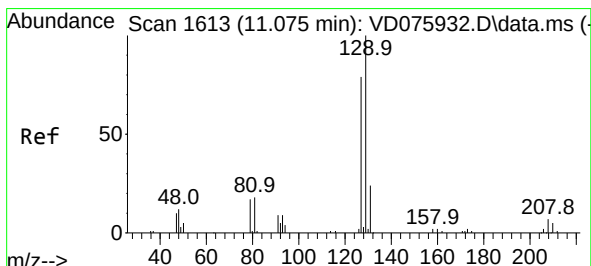
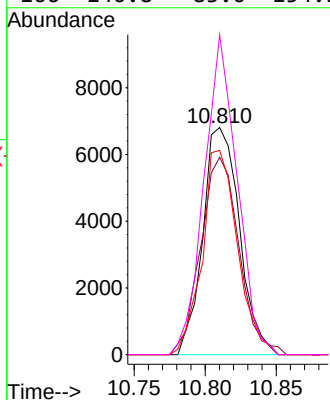
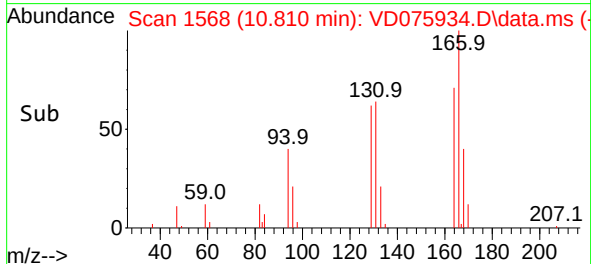


#46
Tetrachloroethene
Concen: 2.413 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33

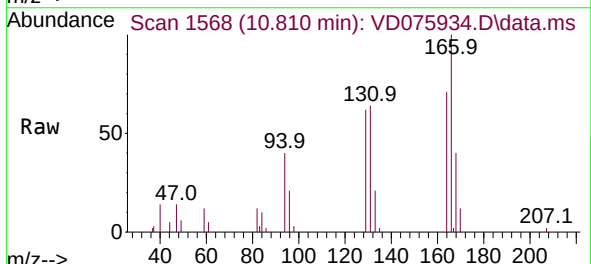
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 12221
Ion Ratio Lower Upper
164 100
129 86.9 60.3 112.1
131 89.9 58.9 109.3
166 140.8 83.0 154.1



#49
Dibromochloromethane
Concen: 2.111 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075934.D
Acq: 01 May 2023 12:33



Tgt Ion:129 Resp: 10726
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

