

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075859.D
 Acq On : 27 Apr 2023 14:10
 Operator : KP/SY
 Sample : 02447-21RE
 Misc : 4.53G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW939RE

Quant Time: Apr 28 02:57:28 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)

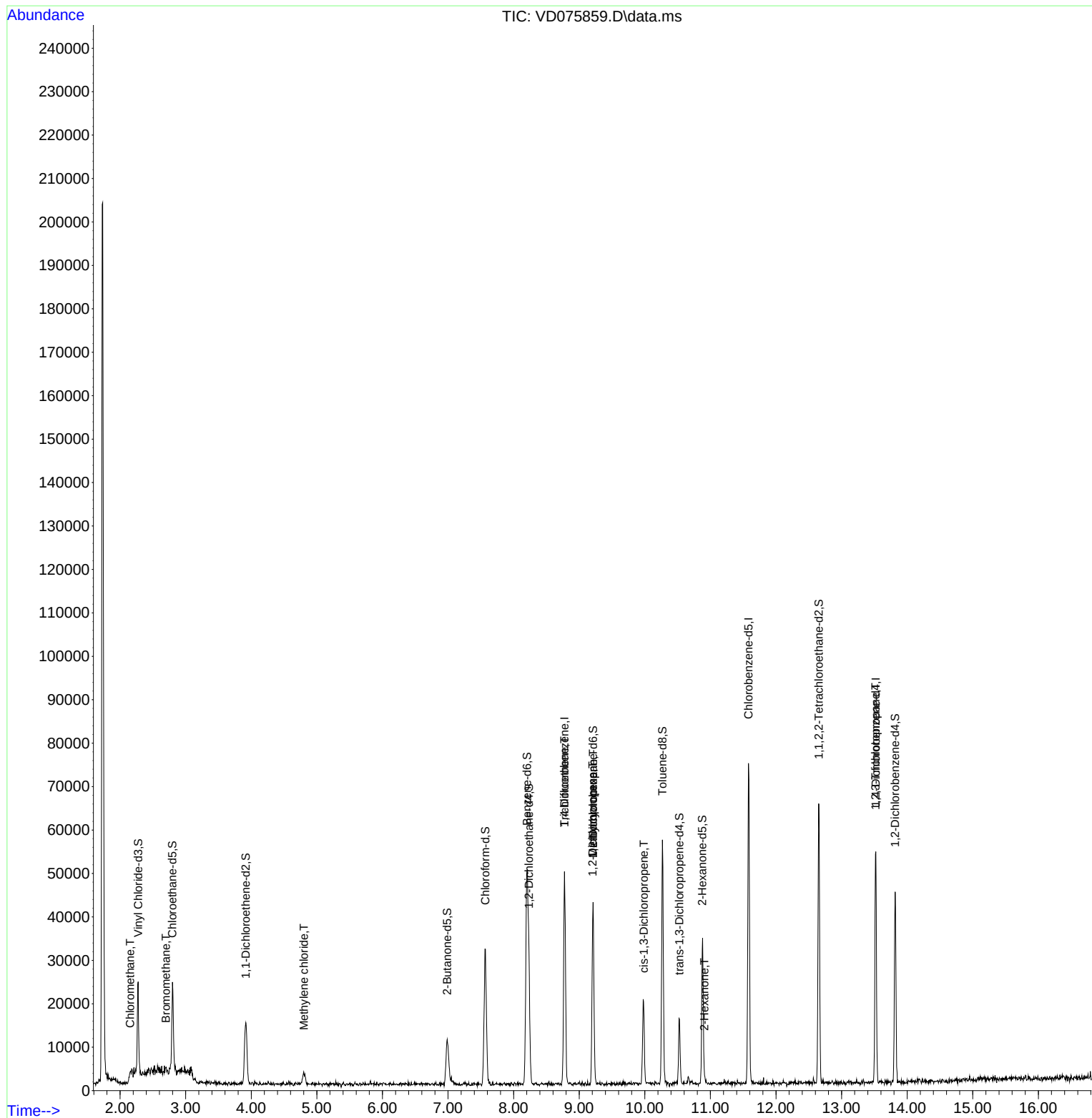
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	48731	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	48341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	16408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	19731	18.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
7) Chloroethane-d5	2.799	69	19896	21.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	3.917	65	2847	11.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.200%
21) 2-Butanone-d5	6.987	46	17967	193.599	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	387.200%#
24) Chloroform-d	7.569	84	33683	27.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.560%
26) 1,2-Dichloroethane-d4	8.234	65	21206	40.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.000%#
32) Benzene-d6	8.205	84	56775	20.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	9.210	67	21707	27.834	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.320%
41) Toluene-d8	10.269	98	41929	15.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.600%
43) trans-1,3-Dichloroprop...	10.528	79	9202	28.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.200%
47) 2-Hexanone-d5	10.875	63	12688	135.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.240%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34202	57.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	229.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	13539	23.328	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						Qvalue
3) Chloromethane	2.152	50	268	0.286	ug/L #	41
6) Bromomethane	2.699	94	318	0.387	ug/L #	59
16) Methylene chloride	4.805	84	1668	1.687	ug/L	79
34) Trichloroethene	8.775	95	1289	1.705	ug/L #	2
35) Methylcyclohexane	9.210	83	4906	4.208	ug/L #	23
37) 1,2-Dichloropropane	9.205	63	1307	1.946	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	512	0.479	ug/L #	59
48) 2-Hexanone	10.910	43	239	1.384	ug/L #	28
61) 1,2,3-Trichloropropane	13.516	75	1978	7.674	ug/L #	52

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

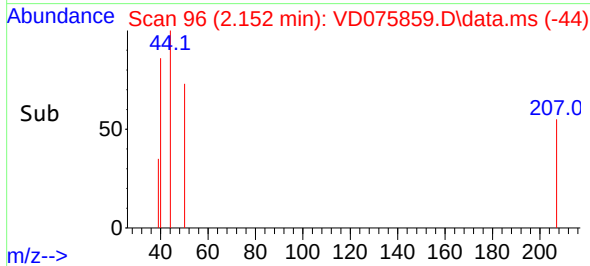
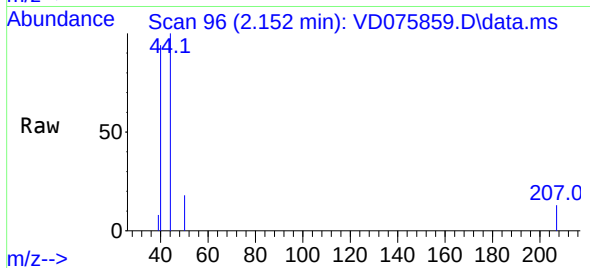
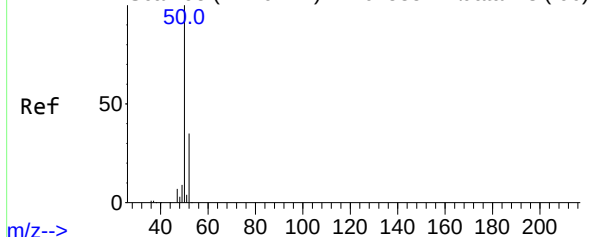
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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration



Abundance Scan 95 (2.146 min): VD075854.D\data.ms (-90)



#3

Chloromethane

Concen: 0.286 ug/L

RT: 2.152 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD075859.D

Acq: 27 Apr 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

EW939RE

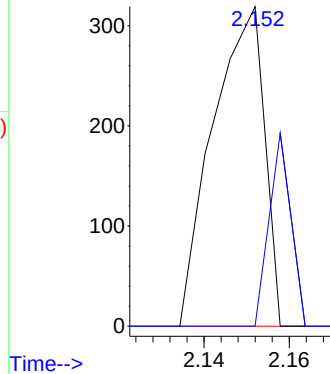
Tgt Ion: 50 Resp: 268

Ion Ratio Lower Upper

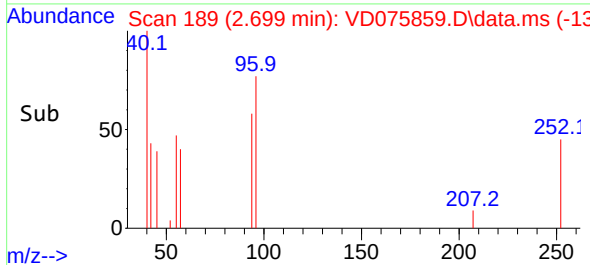
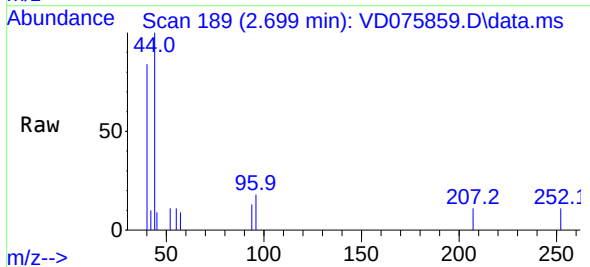
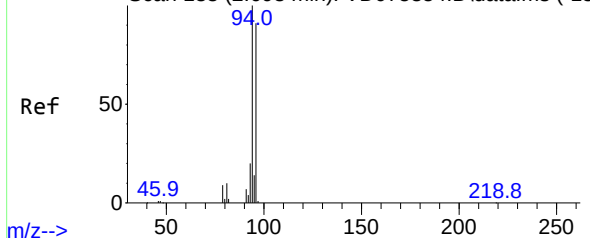
50 100

52 0.0 23.7 44.1#

Abundance



Abundance Scan 188 (2.693 min): VD075854.D\data.ms (-18)



#6

Bromomethane

Concen: 0.387 ug/L

RT: 2.699 min Scan# 189

Delta R.T. -0.000 min

Lab File: VD075859.D

Acq: 27 Apr 2023 14:10

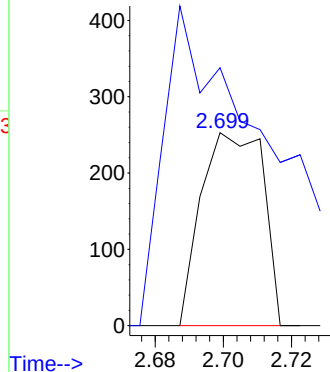
Tgt Ion: 94 Resp: 318

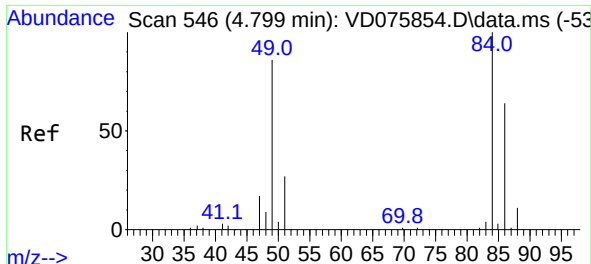
Ion Ratio Lower Upper

94 100

96 133.6 65.7 121.9#

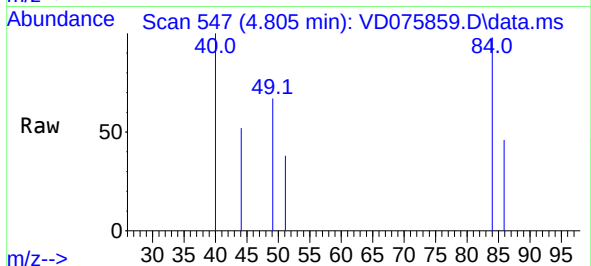
Abundance





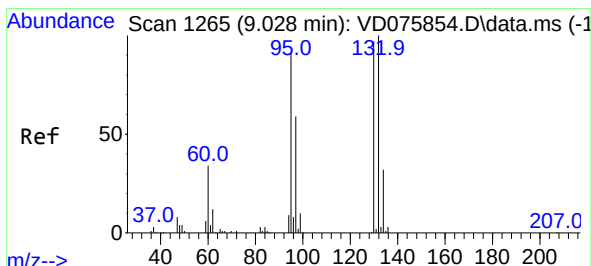
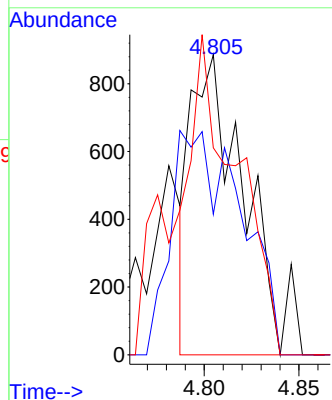
#16
Methylene chloride
Concen: 1.687 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075859.D
Acq: 27 Apr 2023 14:10

Instrument :
MSVOA_D
ClientSampleId :
EW939RE



Tgt Ion: 84 Resp: 1668

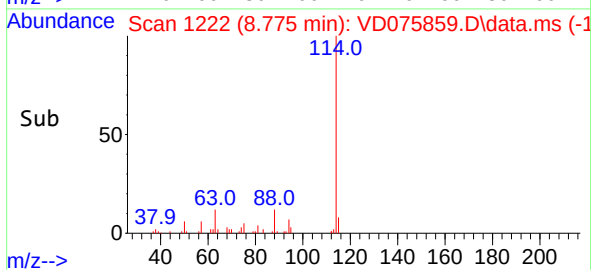
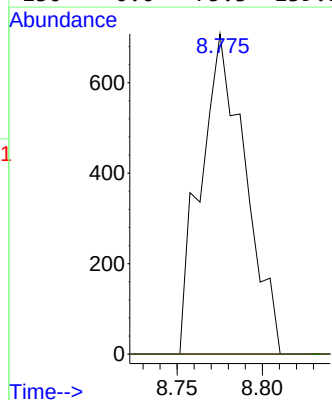
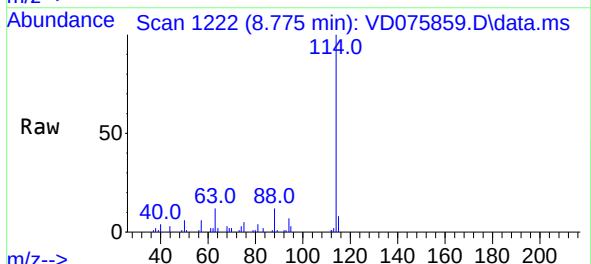
Ion	Ratio	Lower	Upper
84	100		
86	46.8	45.8	85.2
49	69.0	60.8	112.8

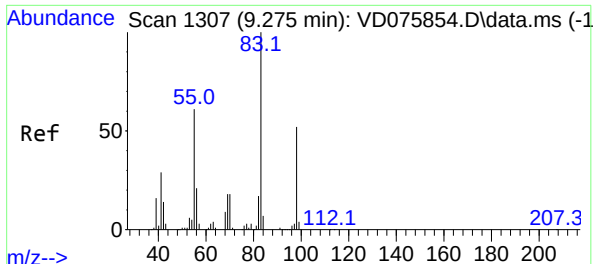


#34
Trichloroethene
Concen: 1.705 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075859.D
Acq: 27 Apr 2023 14:10

Tgt Ion: 95 Resp: 1289

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: 4.208 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075859.D

Acq: 27 Apr 2023 14:10

Instrument :

MSVOA_D

ClientSampleId :

EW939RE

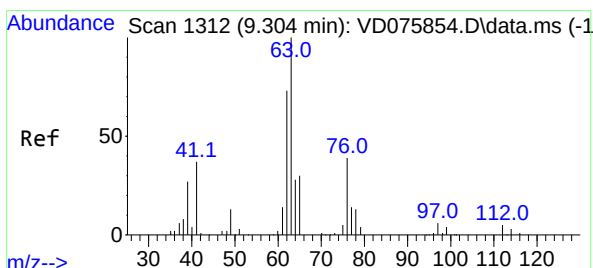
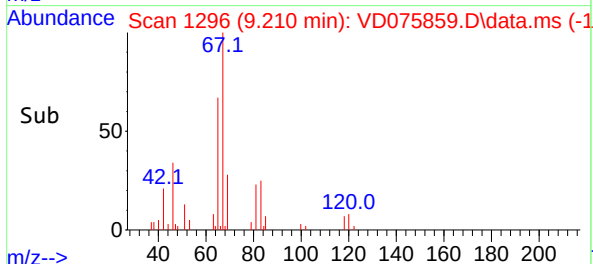
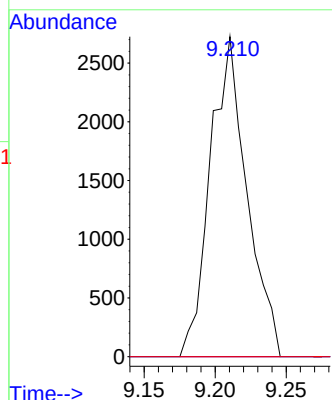
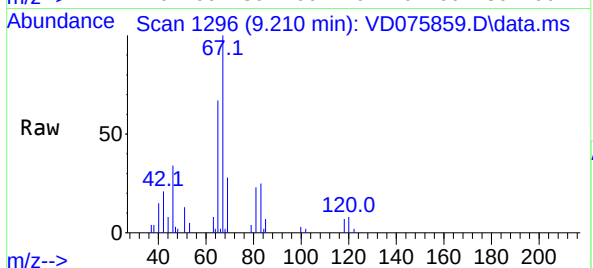
Tgt Ion: 83 Resp: 4906

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.0 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 1.946 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD075859.D

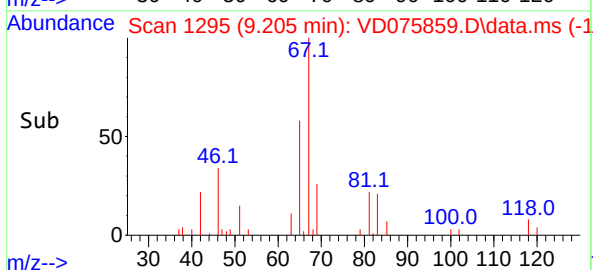
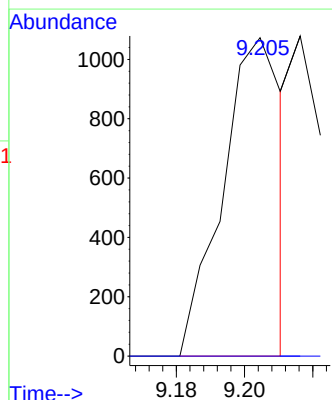
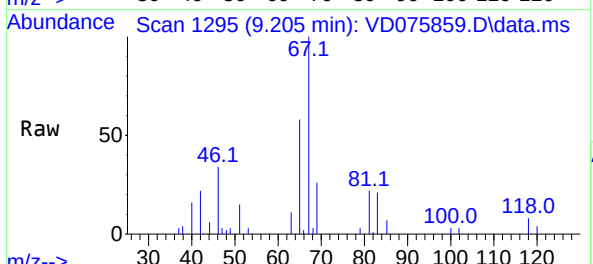
Acq: 27 Apr 2023 14:10

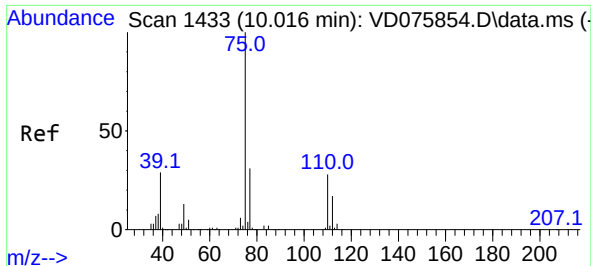
Tgt Ion: 63 Resp: 1307

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

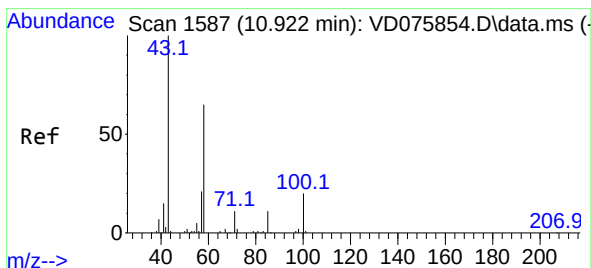
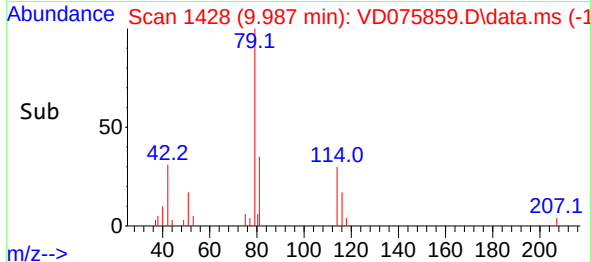
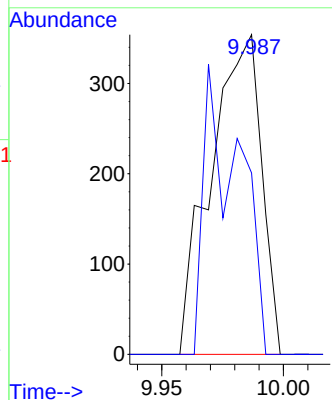
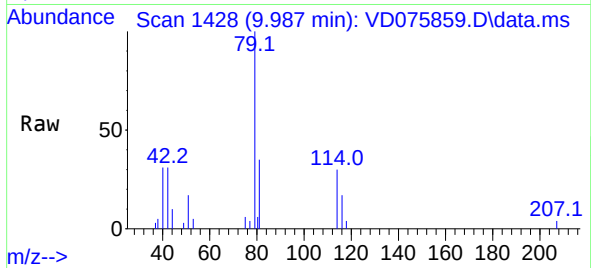




#39
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 9.987 min Scan# 1433
Delta R.T. -0.029 min
Lab File: VD075859.D
Acq: 27 Apr 2023 14:10

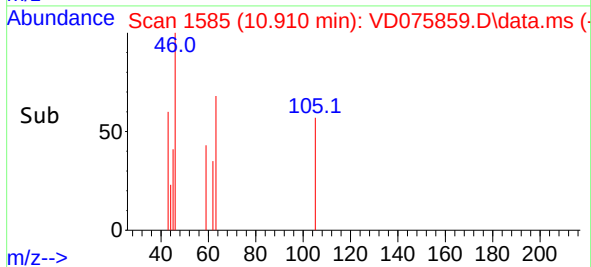
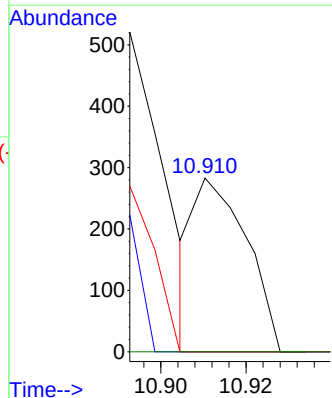
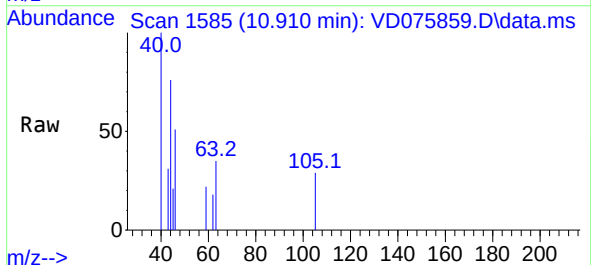
Instrument :
MSVOA_D
ClientSampleId :
EW939RE

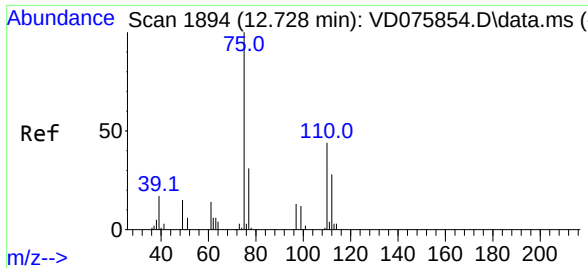
Tgt Ion: 75 Resp: 512
Ion Ratio Lower Upper
75 100
77 56.8 23.4 43.6#



#48
2-Hexanone
Concen: 1.384 ug/L
RT: 10.910 min Scan# 1585
Delta R.T. -0.012 min
Lab File: VD075859.D
Acq: 27 Apr 2023 14:10

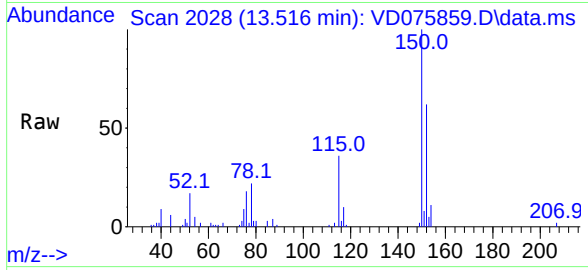
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
58 0.0 59.7 89.5#
57 0.0 17.9 26.9#
100 0.0 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.674 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD075859.D
 Acq: 27 Apr 2023 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 EW939RE



Tgt Ion: 75 Resp: 1978

Ion	Ratio	Lower	Upper
75	100		
77	18.9	26.6	39.8#
110	0.0	33.5	50.3#

