

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075559.D
 Acq On : 31 Mar 2023 15:40
 Operator : KP/SY
 Sample : 02150-01
 Misc : 5.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:16:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

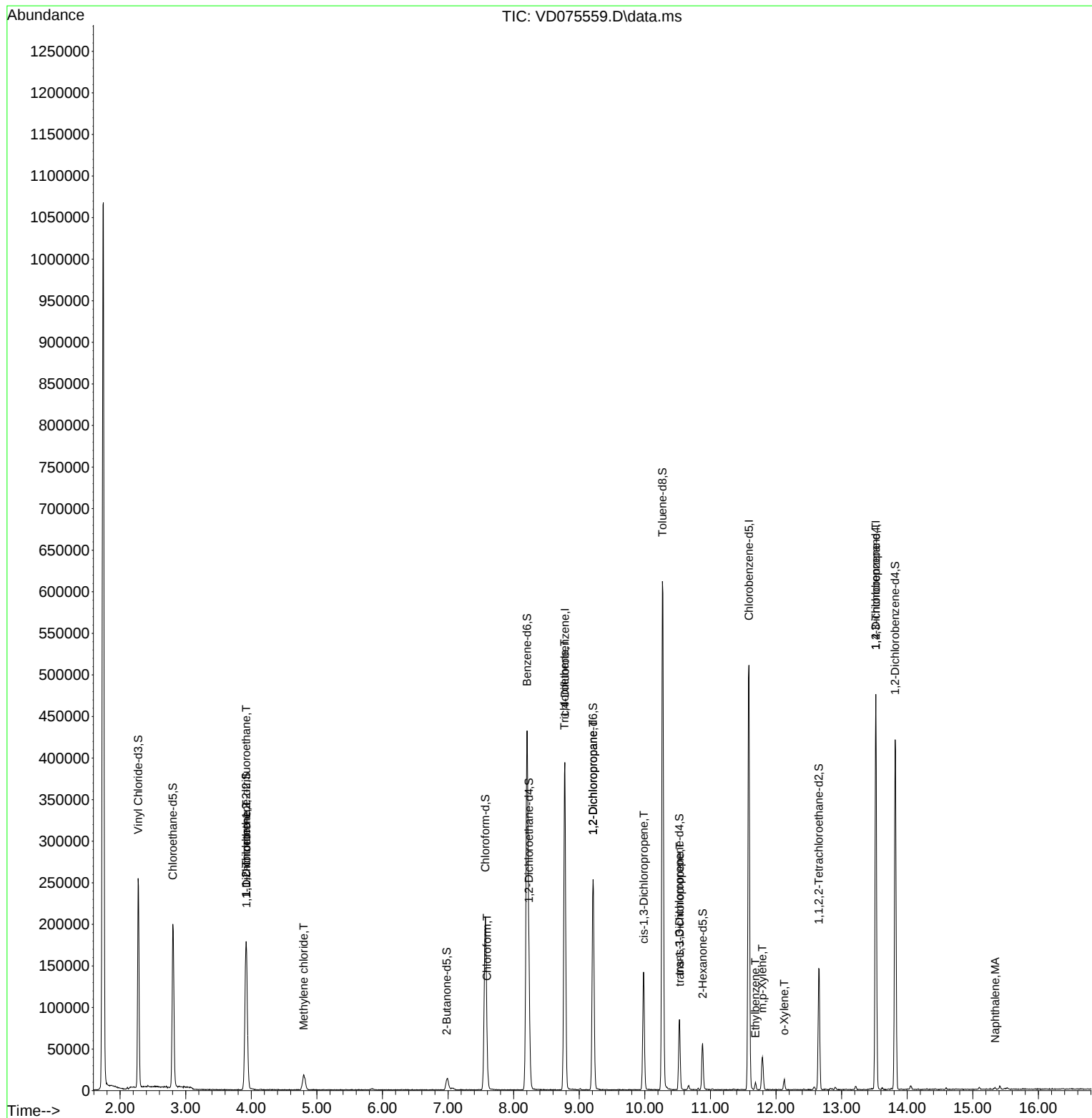
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	375016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	326736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	130410	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	240568	27.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.200%
7) Chloroethane-d5	2.804	69	216872	27.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.640%
11) 1,1-Dichloroethene-d2	3.922	63	154247	21.901	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	6.981	46	23820	41.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.780%
24) Chloroform-d	7.569	84	221996	25.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.234	65	94430	24.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.204	84	499849	26.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.680%
36) 1,2-Dichloropropane-d6	9.210	67	134552	26.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	10.269	98	463582	25.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.520%
43) trans-1,3-Dichloroprop...	10.528	79	50741	23.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.880	63	21091	35.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78120	20.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	122353	27.351	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.922	101	1625	0.375	ug/L #	22
12) 1,1-Dichloroethene	3.928	96	882	0.247	ug/L #	1
16) Methylene chloride	4.798	84	16380	3.178	ug/L	92
25) Chloroform	7.592	83	9623	1.234	ug/L	87
34) Trichloroethene	8.775	95	10367	2.201	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	13392	3.386	ug/L #	82
39) cis-1,3-Dichloropropene	9.986	75	3374	0.538	ug/L #	82
44) trans-1,3-Dichloropropene	10.533	75	2147	0.403	ug/L	94
52) Ethylbenzene	11.686	91	6713	0.342	ug/L	99
53) m,p-Xylene	11.792	106	14010	1.819	ug/L	99
54) o-Xylene	12.127	106	3442	0.469	ug/L	99
61) 1,2,3-Trichloropropane	13.522	75	16433	7.961	ug/L #	61
71) Naphthalene	15.339	128	2538	0.353	ug/L #	76

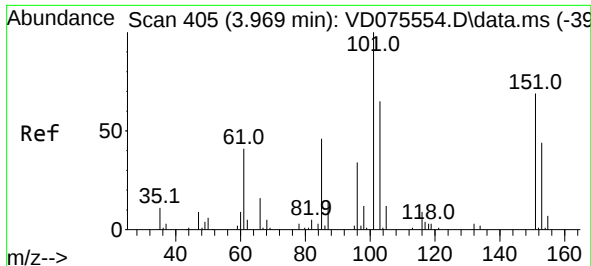
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.375 ug/L

RT: 3.922 min Scan# 397

Delta R.T. -0.047 min

Lab File: VD075559.D

Acq: 31 Mar 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

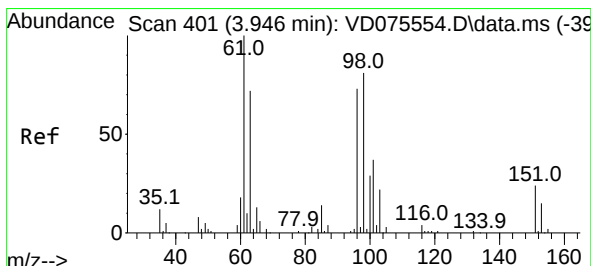
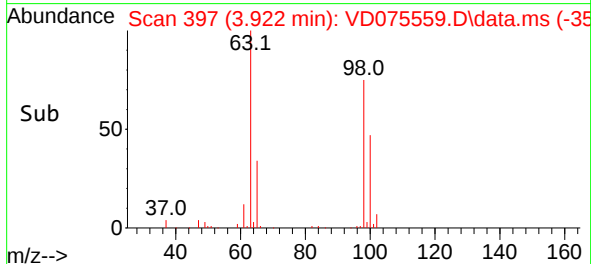
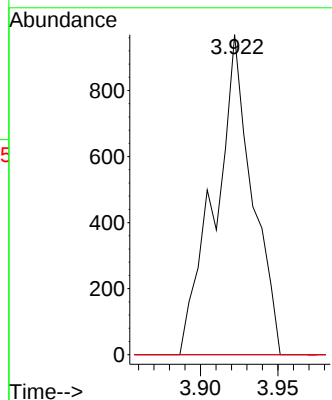
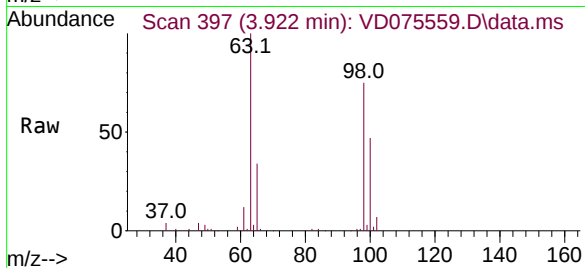
Tgt Ion:101 Resp: 1625

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 0.0 55.8 83.8#



#12

1,1-Dichloroethene

Concen: 0.247 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.018 min

Lab File: VD075559.D

Acq: 31 Mar 2023 15:40

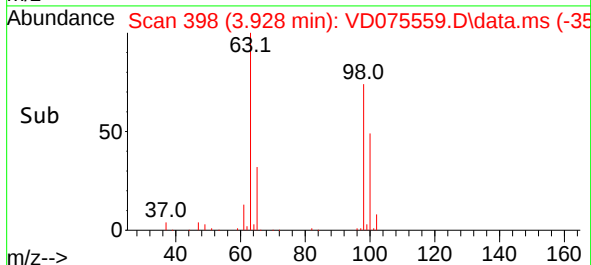
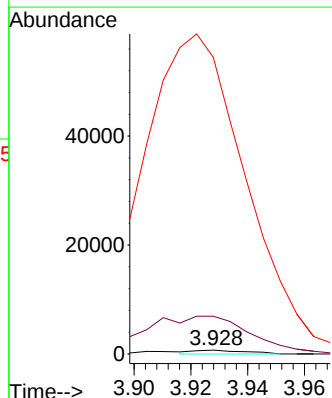
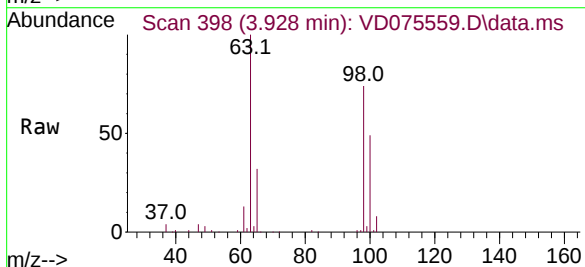
Tgt Ion: 96 Resp: 882

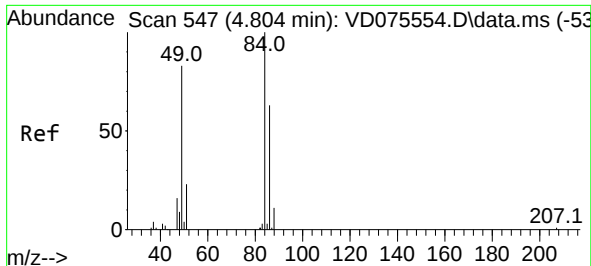
Ion Ratio Lower Upper

96 100

61 968.8 96.7 179.7#

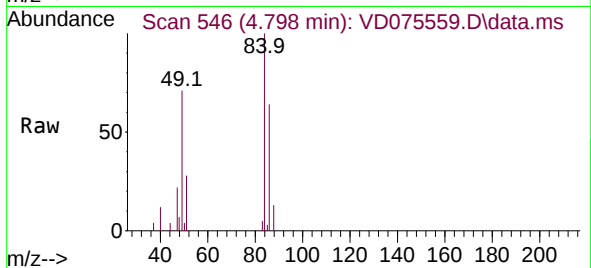
63 7616.2 76.0 141.2#



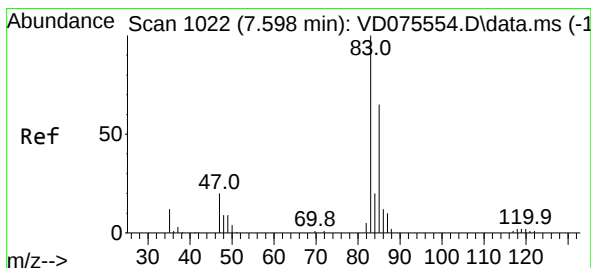
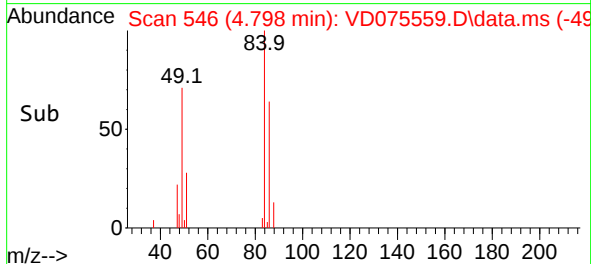
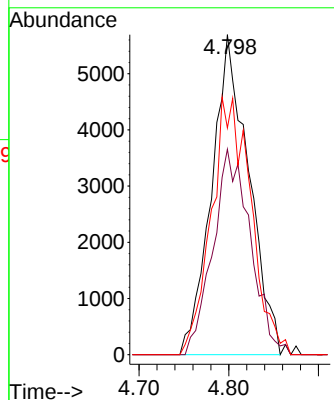


#16
Methylene chloride
Concen: 3.178 ug/L
RT: 4.798 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :

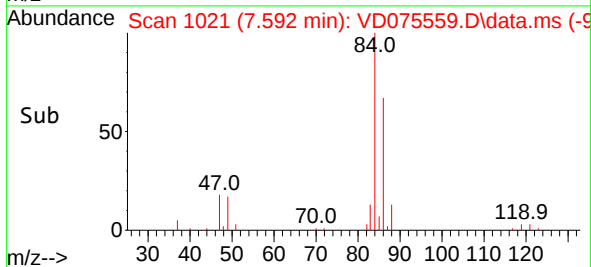
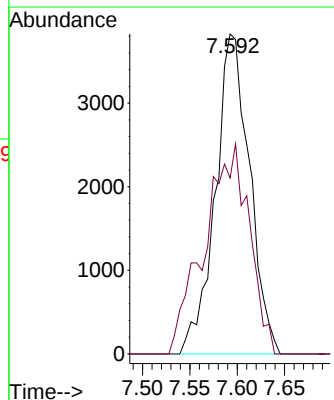
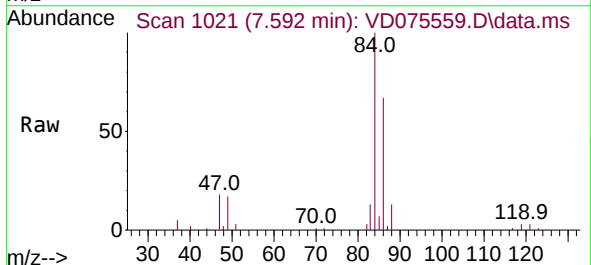


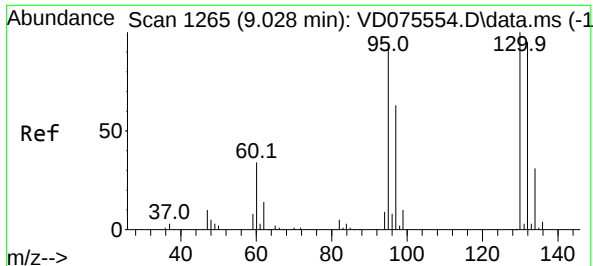
Tgt Ion: 84 Resp: 16380
Ion Ratio Lower Upper
84 100
86 64.2 44.4 82.4
49 70.8 58.5 108.7



#25
Chloroform
Concen: 1.234 ug/L
RT: 7.592 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

Tgt Ion: 83 Resp: 9623
Ion Ratio Lower Upper
83 100
85 55.0 45.8 85.0

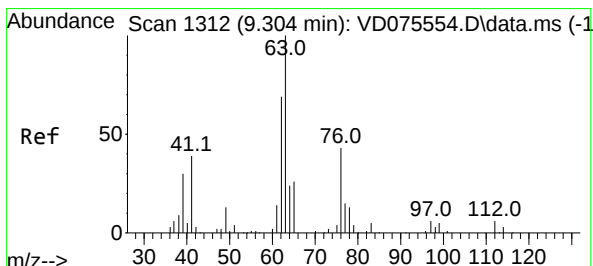
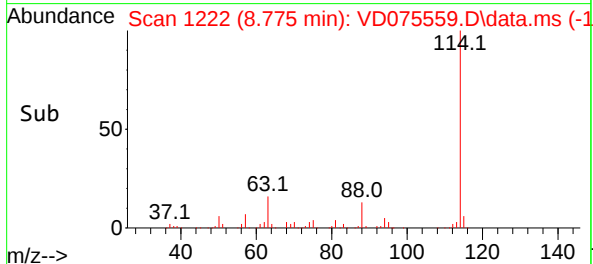
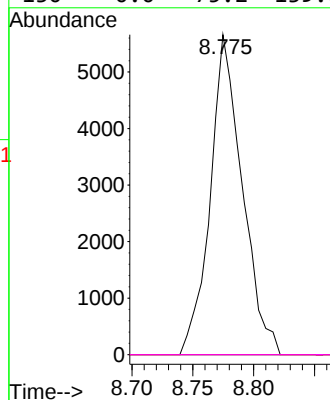
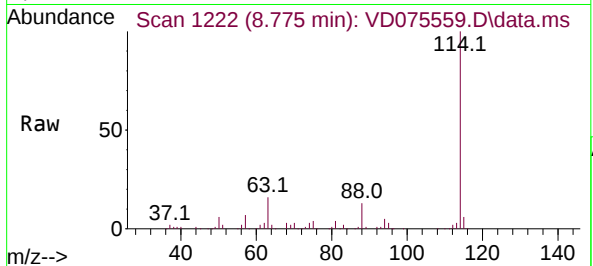




#34
 Trichloroethene
 Concen: 2.201 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD075559.D
 Acq: 31 Mar 2023 15:40

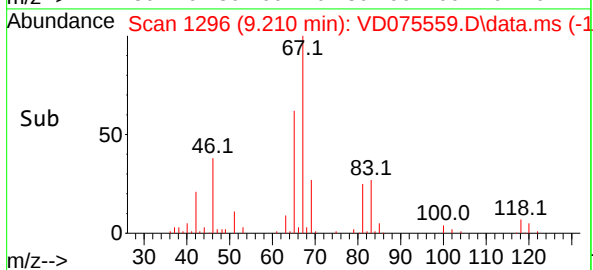
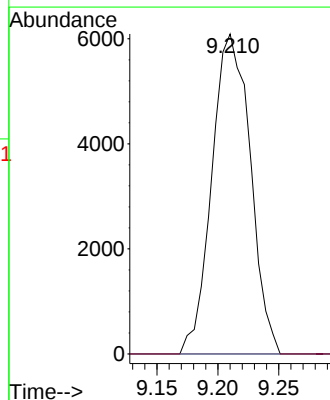
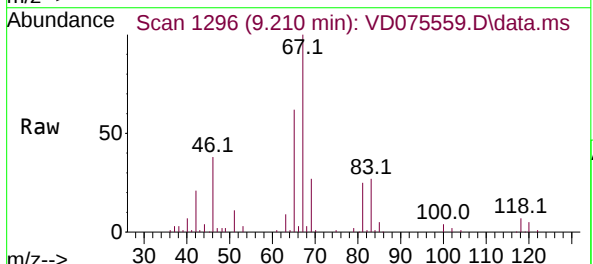
Instrument :
 MSVOA_D
 ClientSampleId :

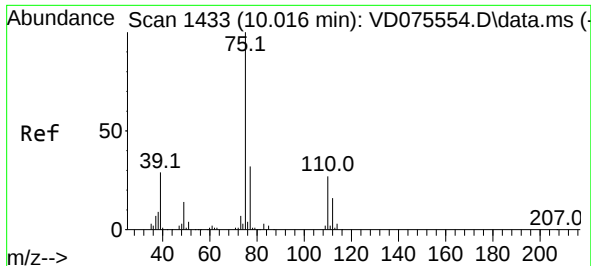
Tgt Ion: 95	Resp: 10367
Ion Ratio	Lower Upper
95	100
97	0.0 47.0 87.2#
132	0.0 71.2 132.2#
130	0.0 75.2 139.6#



#37
 1,2-Dichloropropane
 Concen: 3.386 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075559.D
 Acq: 31 Mar 2023 15:40

Tgt Ion: 63	Resp: 13392
Ion Ratio	Lower Upper
63	100
112	0.0 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.538 ug/L

RT: 9.986 min Scan# 1433

Delta R.T. -0.029 min

Lab File: VD075559.D

Acq: 31 Mar 2023 15:40

Instrument :

MSVOA_D

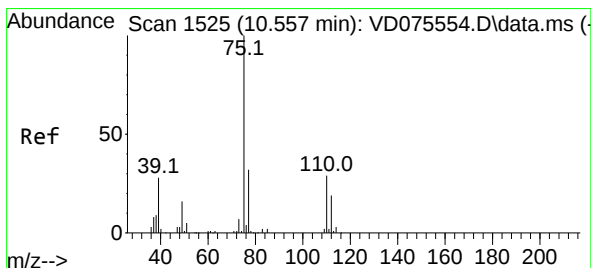
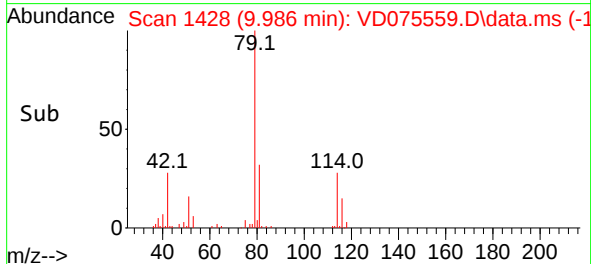
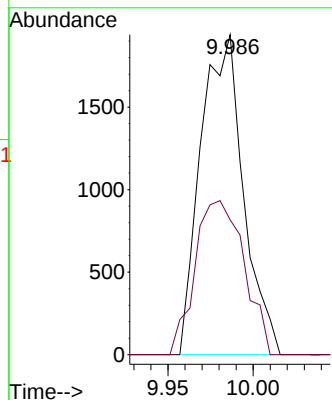
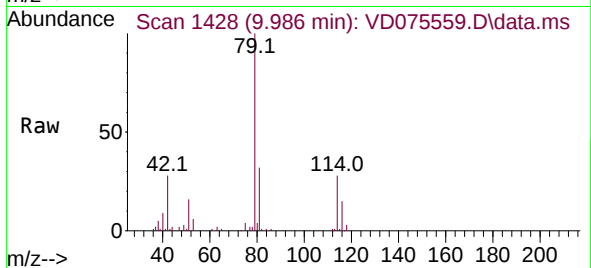
ClientSampleId :

Tgt Ion: 75 Resp: 3374

Ion Ratio Lower Upper

75 100

77 42.1 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.403 ug/L

RT: 10.533 min Scan# 1521

Delta R.T. -0.024 min

Lab File: VD075559.D

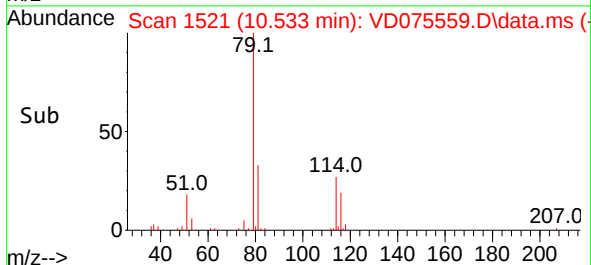
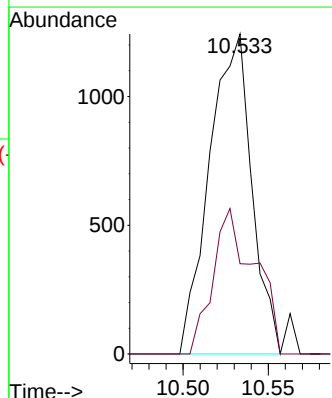
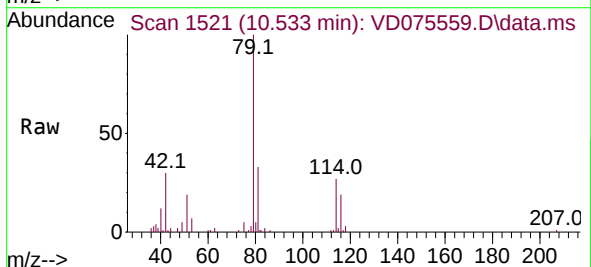
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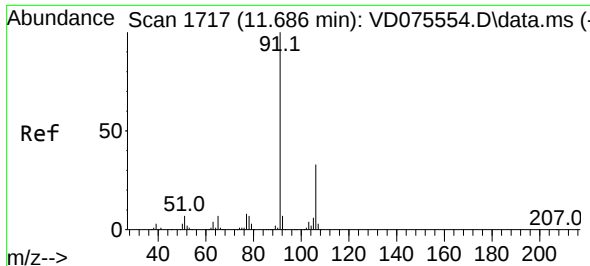
Tgt Ion: 75 Resp: 2147

Ion Ratio Lower Upper

75 100

77 28.2 22.1 41.1

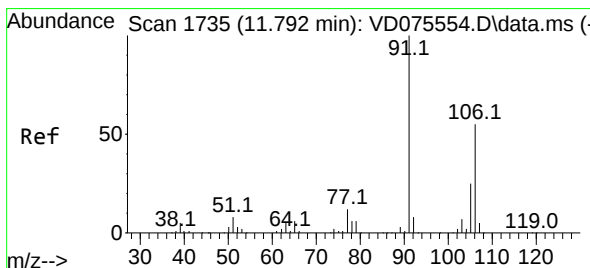
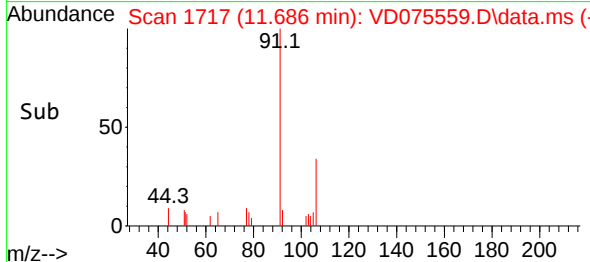
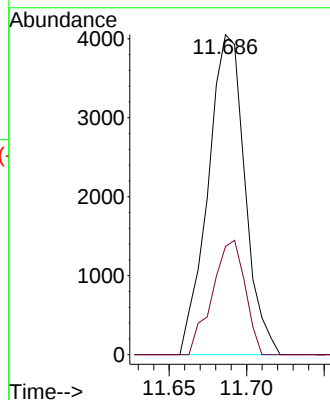
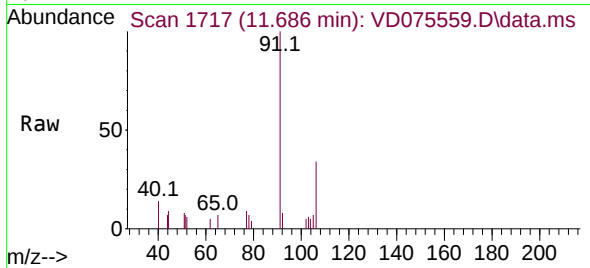




#52
Ethylbenzene
Concen: 0.342 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

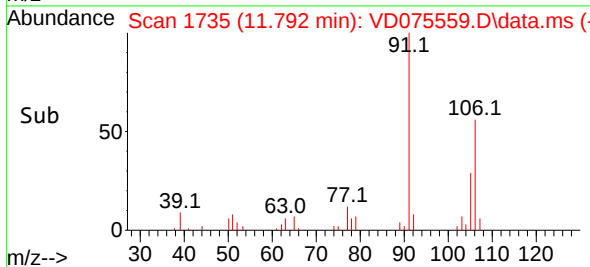
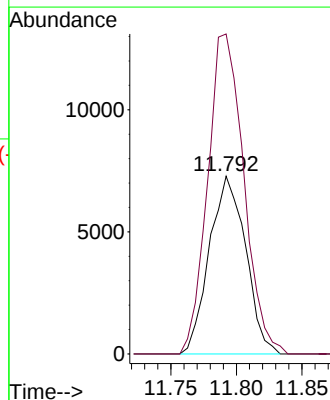
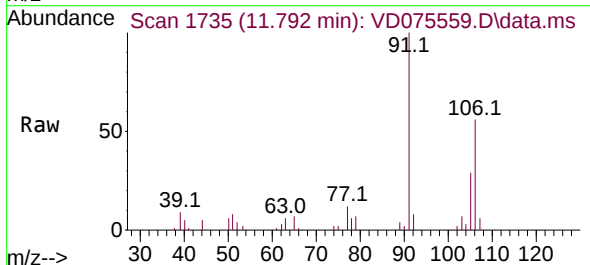
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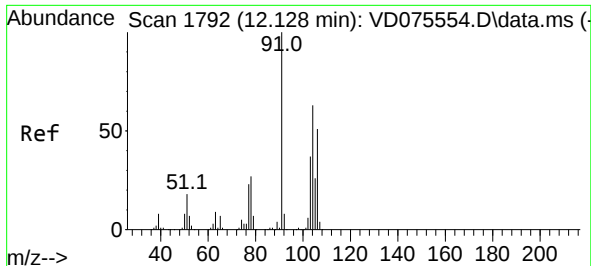
Tgt Ion: 91 Resp: 6713
Ion Ratio Lower Upper
91 100
106 33.8 23.2 43.2



#53
m,p-Xylene
Concen: 1.819 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

Tgt Ion: 106 Resp: 14010
Ion Ratio Lower Upper
106 100
91 180.0 126.7 235.3

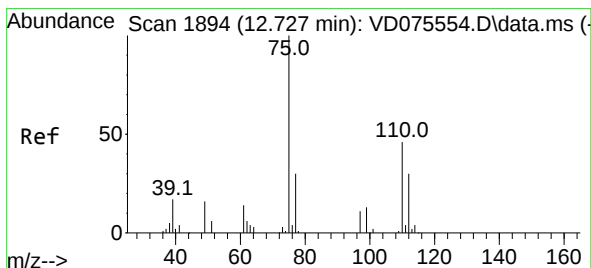
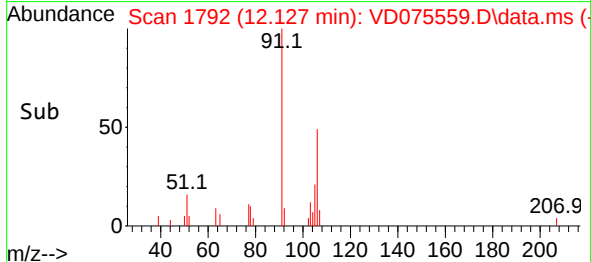
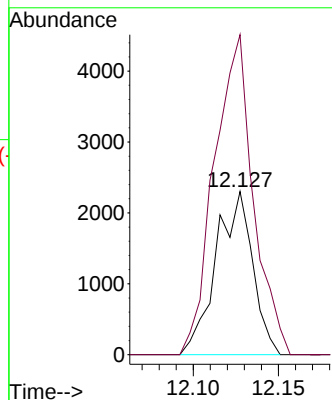
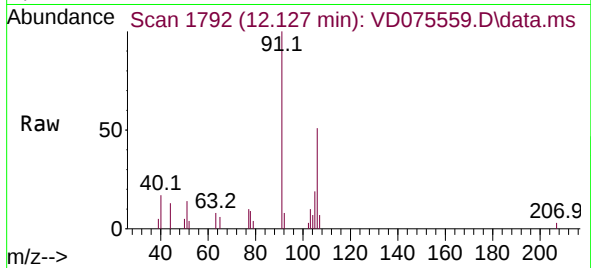




#54
o-Xylene
Concen: 0.469 ug/L
RT: 12.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

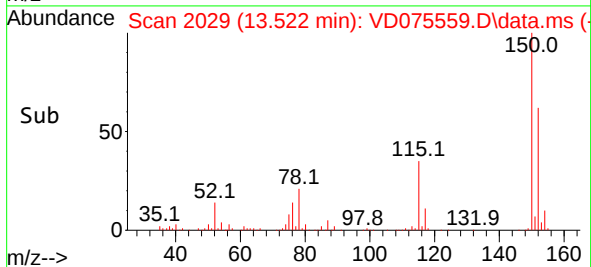
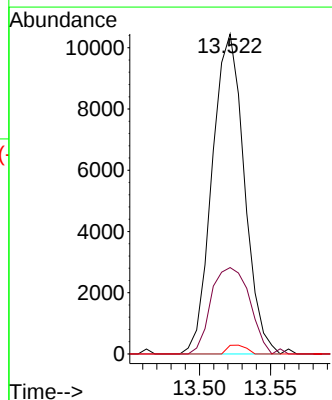
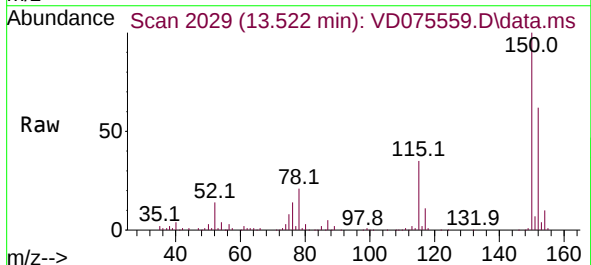
Instrument :
MSVOA_D
ClientSampleId :

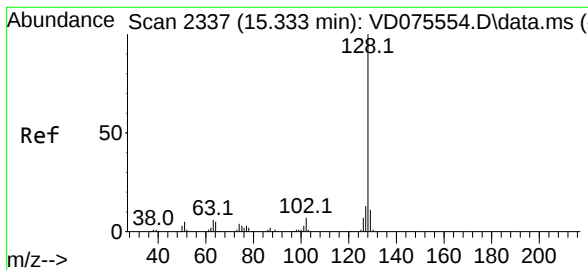
Tgt Ion:106 Resp: 3442
Ion Ratio Lower Upper
106 100
91 196.1 138.3 256.9



#61
1,2,3-Trichloropropane
Concen: 7.961 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD075559.D
Acq: 31 Mar 2023 15:40

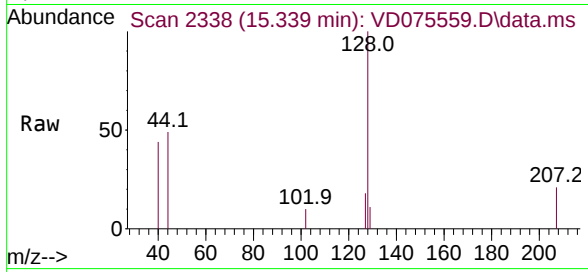
Tgt Ion: 75 Resp: 16433
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 1.6 35.9 53.9#





#71
 Naphthalene
 Concen: 0.353 ug/L
 RT: 15.339 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075559.D
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Instrument :
 MSVOA_D
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Tgt Ion:	128	Resp:	2538
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	5.6	8.5	12.7#

