

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076635.D
 Acq On : 29 Jun 2023 13:29
 Operator : KP/SY
 Sample : 03458-01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 30 01:15:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

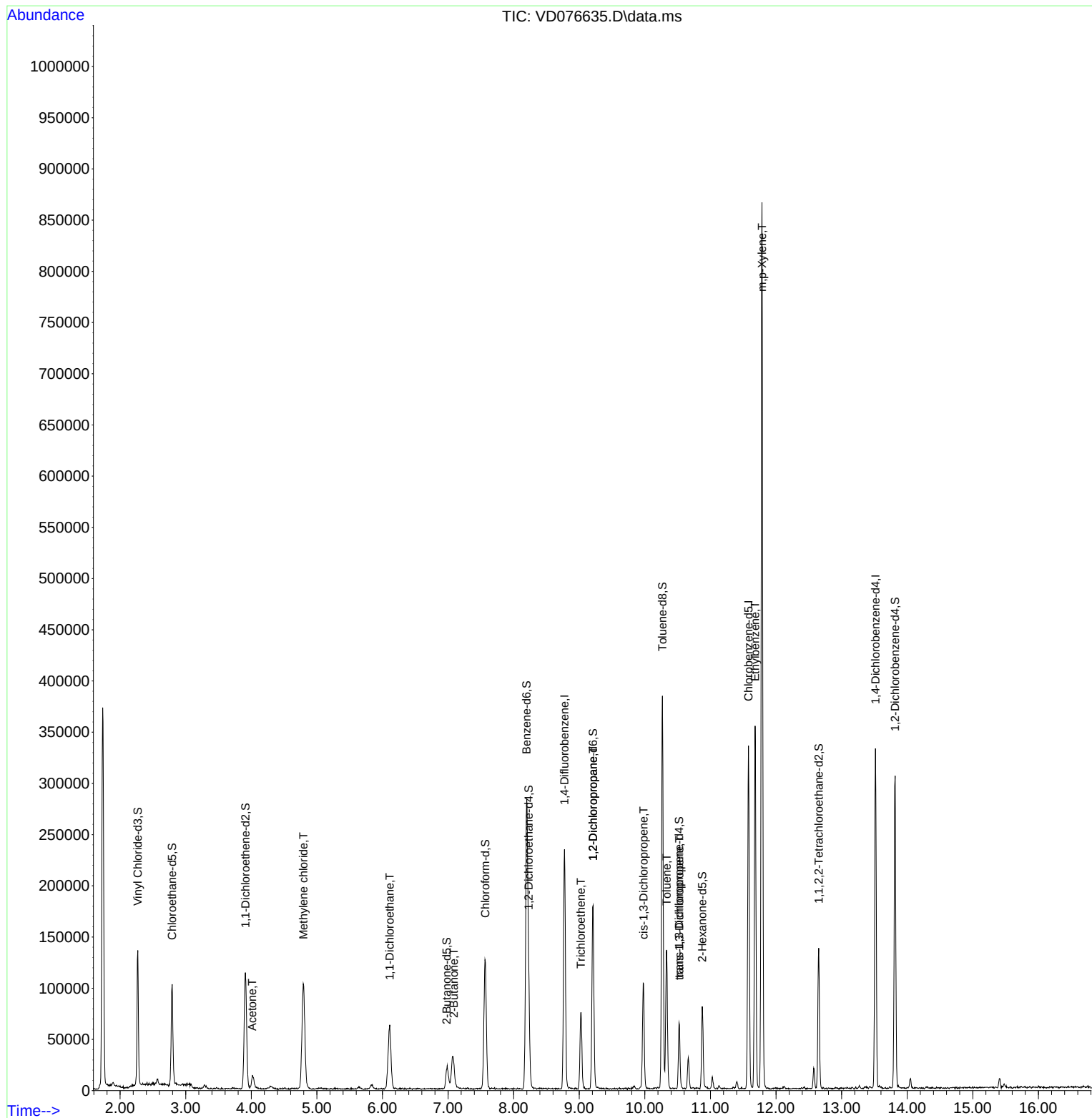
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	179001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85788	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	117259	23.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.793	69	96317	24.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
11) 1,1-Dichloroethene-d2	3.911	65	33323	25.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.240%
21) 2-Butanone-d5	6.981	46	39608	52.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.760%
24) Chloroform-d	7.569	84	132778	24.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.280%
26) 1,2-Dichloroethane-d4	8.228	65	68000	25.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.040%
32) Benzene-d6	8.199	84	278693	25.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.210	67	86094	24.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.520%
41) Toluene-d8	10.269	98	252470	24.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	10.522	79	35494	24.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.875	63	28488	52.508	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69965	28.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	80916	25.733	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.920%
Target Compounds						Qvalue
13) Acetone	4.016	43	21702	35.874	ug/L	73
16) Methylene chloride	4.793	84	74212	21.025	ug/L	93
19) 1,1-Dichloroethane	6.110	63	89150	16.595	ug/L	99
22) 2-Butanone	7.087	43	13739	14.073	ug/L #	67
34) Trichloroethene	9.028	95	25332	8.324	ug/L	94
37) 1,2-Dichloropropane	9.210	63	10148	3.142	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3803	0.771	ug/L	98
42) Toluene	10.334	91	102551	8.100	ug/L	99
44) trans-1,3-Dichloropropene	10.528	75	2095	0.523	ug/L #	71
52) Ethylbenzene	11.681	91	251971	18.465	ug/L	94
53) m,p-Xylene	11.787	106	239305	44.625	ug/L	95

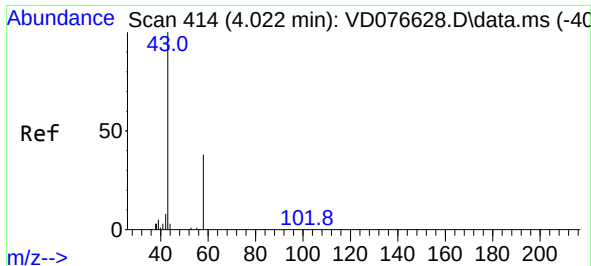
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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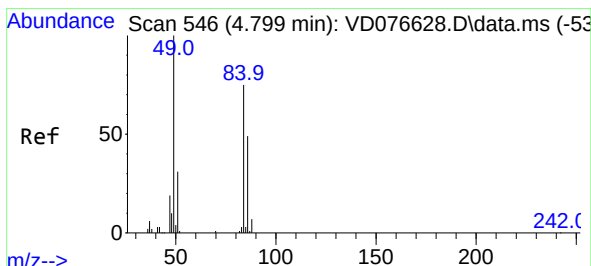
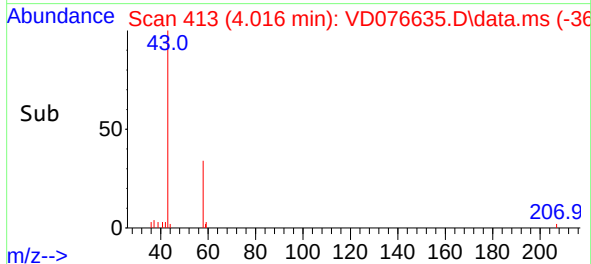
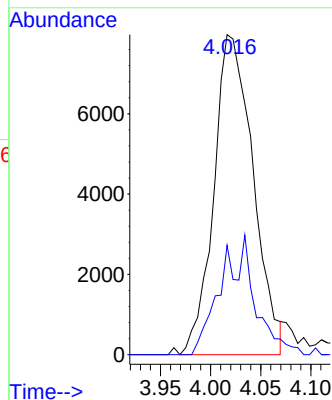
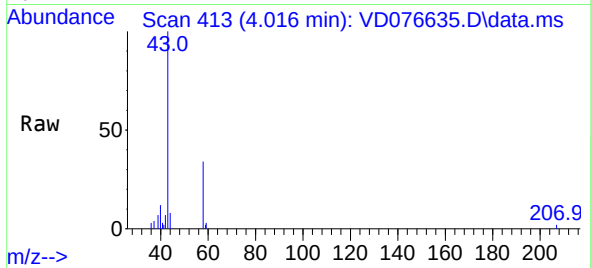




#13
Acetone
Concen: 35.874 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

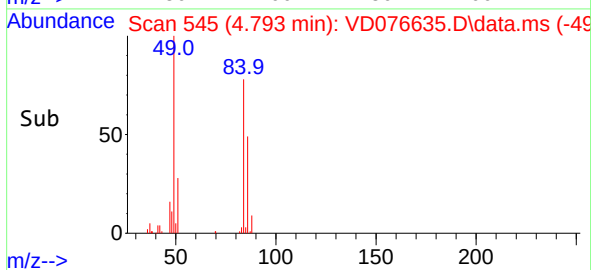
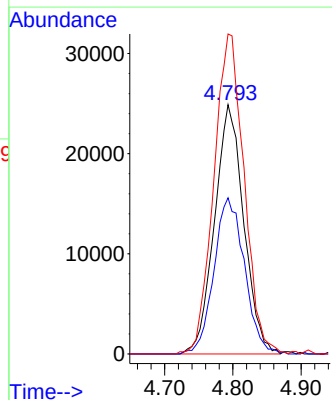
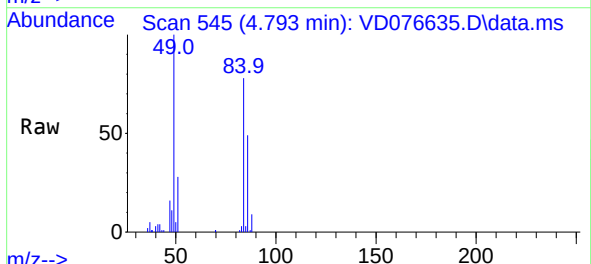
Instrument :
MSVOA_D
ClientSampleId :

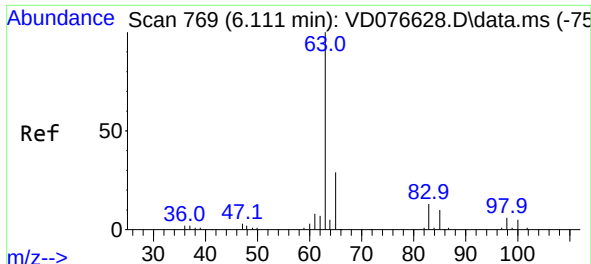
Tgt Ion: 43 Resp: 21702
Ion Ratio Lower Upper
43 100
58 18.5 0.0 67.4



#16
Methylene chloride
Concen: 21.025 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

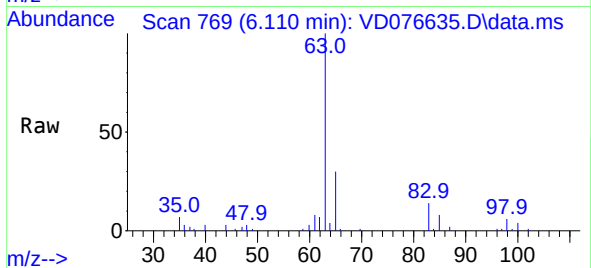
Tgt Ion: 84 Resp: 74212
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.9
49 128.4 97.2 180.6



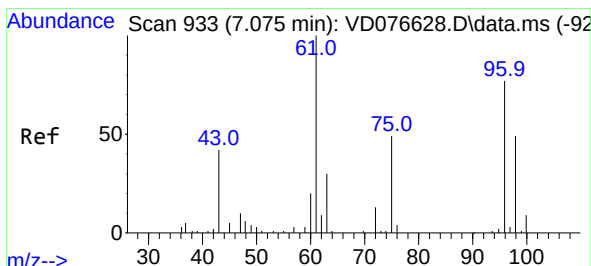
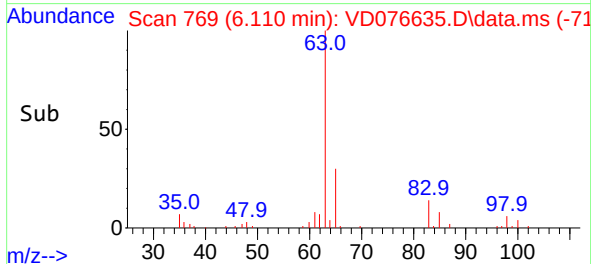
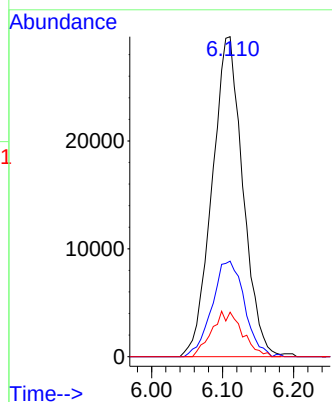


#19
1,1-Dichloroethane
Concen: 16.595 ug/L
RT: 6.110 min Scan# 70
Delta R.T. 0.006 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

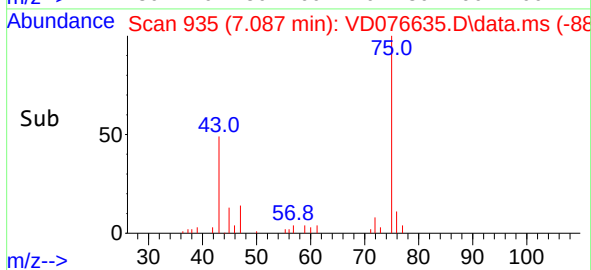
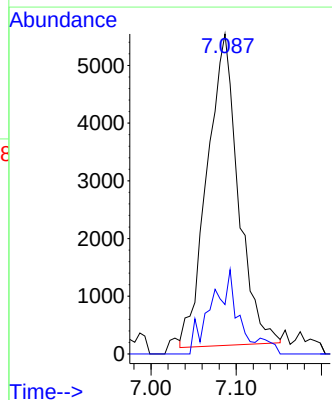
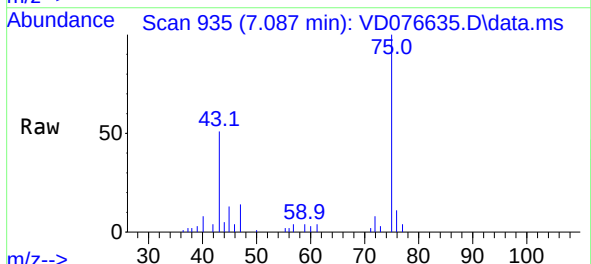


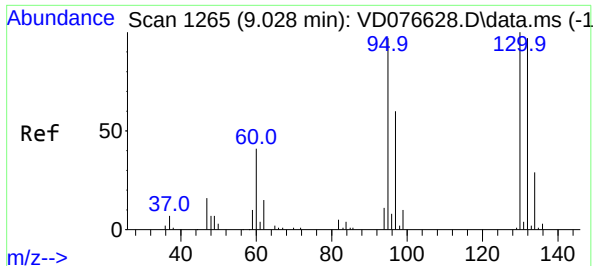
Tgt Ion: 63 Resp: 89150
Ion Ratio Lower Upper
63 100
65 29.9 20.8 38.6
83 13.9 8.9 16.5



#22
2-Butanone
Concen: 14.073 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

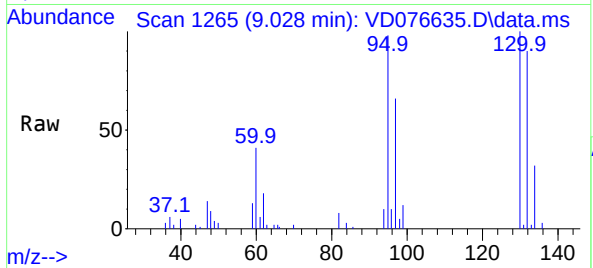
Tgt Ion: 43 Resp: 13739
Ion Ratio Lower Upper
43 100
72 9.1 12.9 38.7#



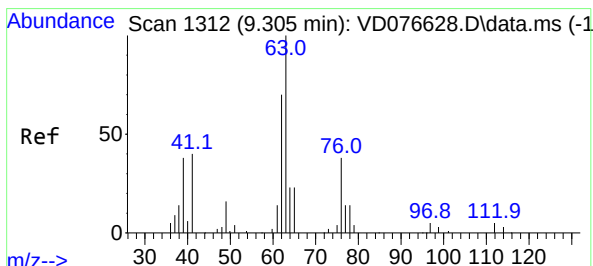
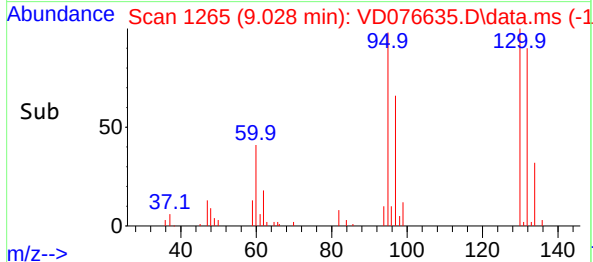
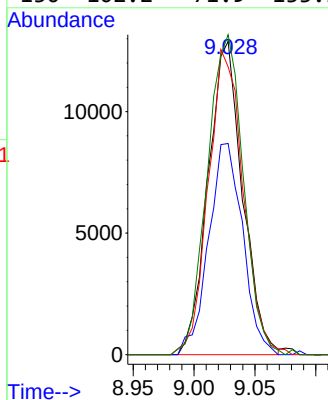


#34
Trichloroethene
Concen: 8.324 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

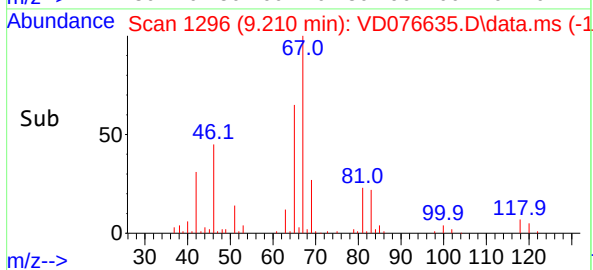
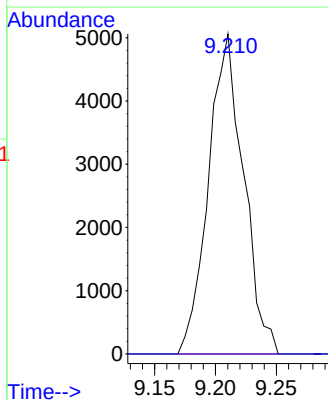
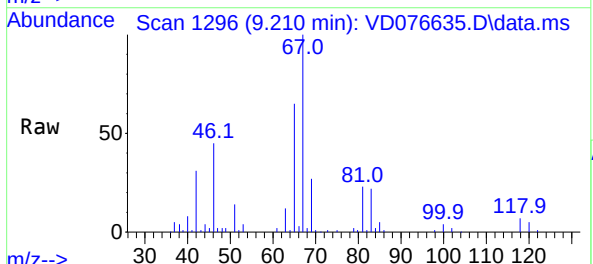


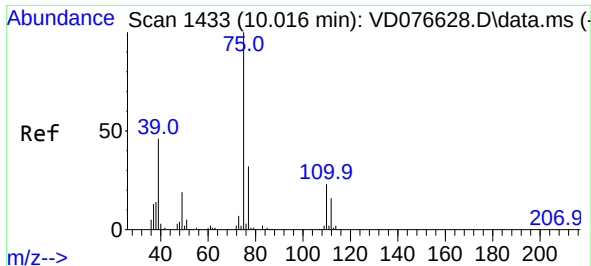
Tgt Ion: 95 Resp: 25332
Ion Ratio Lower Upper
95 100
97 67.4 43.1 80.1
132 91.9 71.8 133.4
130 102.2 71.9 133.5



#37
1,2-Dichloropropane
Concen: 3.142 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

Tgt Ion: 63 Resp: 10148
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD076635.D

Acq: 29 Jun 2023 13:29

Instrument :

MSVOA_D

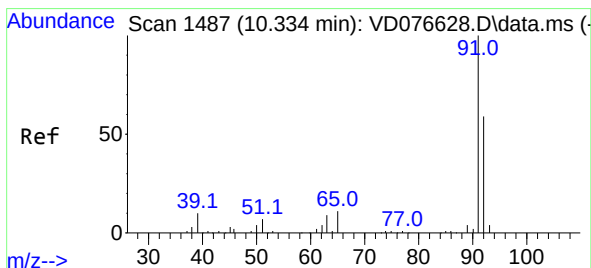
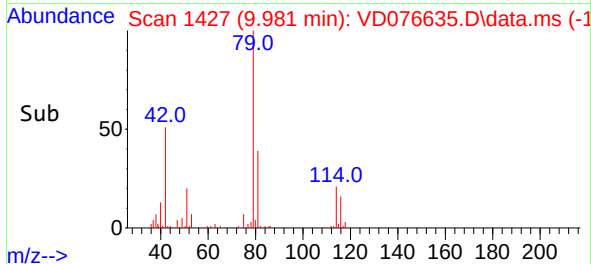
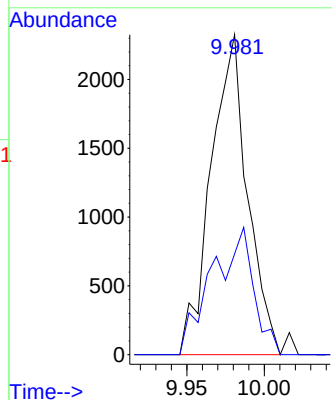
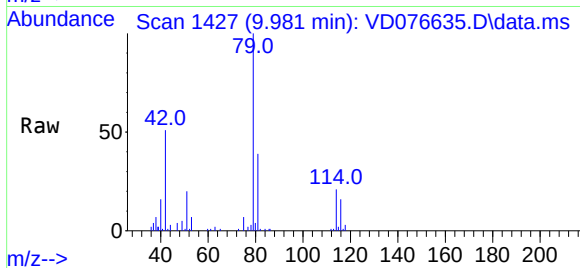
ClientSampleId :

Tgt Ion: 75 Resp: 3803

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.3



#42

Toluene

Concen: 8.100 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076635.D

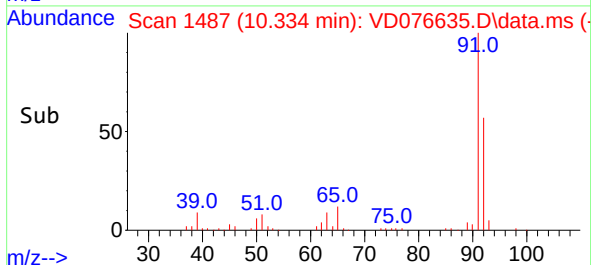
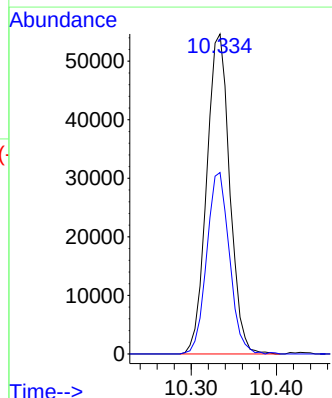
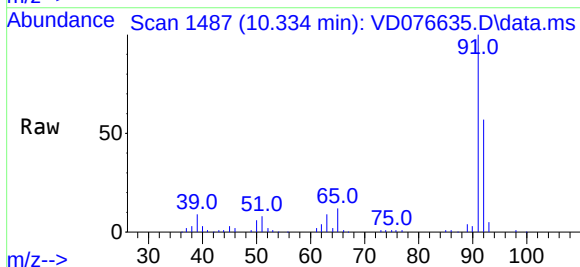
Acq: 29 Jun 2023 13:29

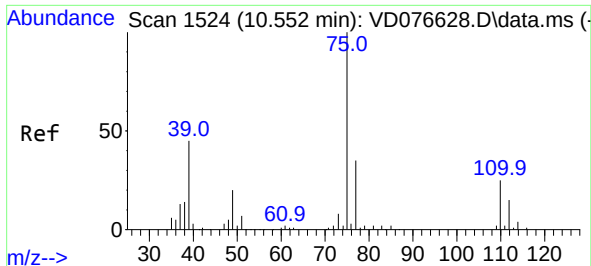
Tgt Ion: 91 Resp: 102551

Ion Ratio Lower Upper

91 100

92 56.7 39.3 73.1

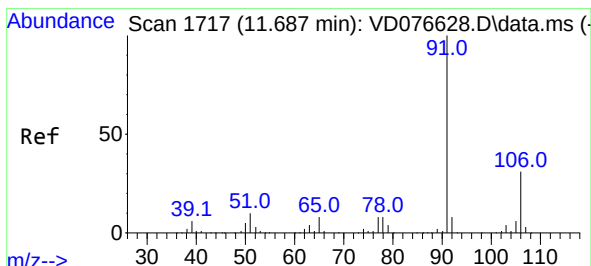
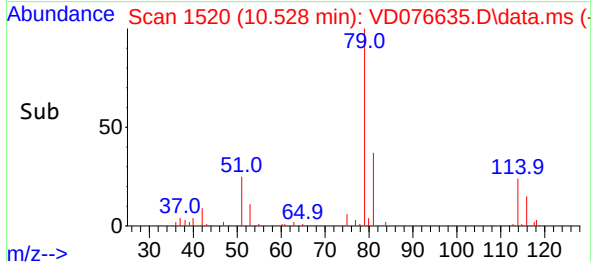
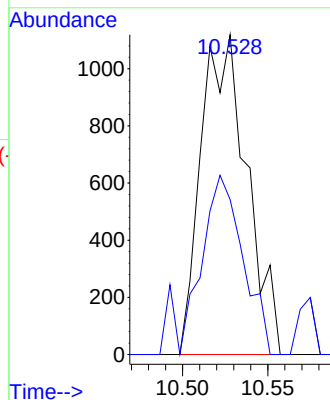
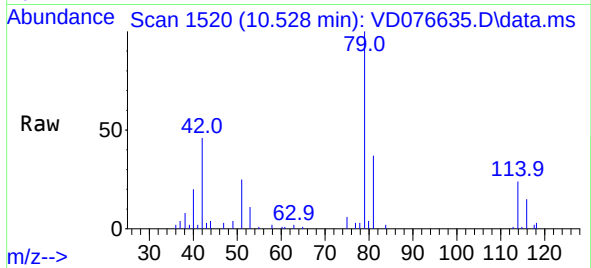




#44
trans-1,3-Dichloropropene
Concen: 0.523 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

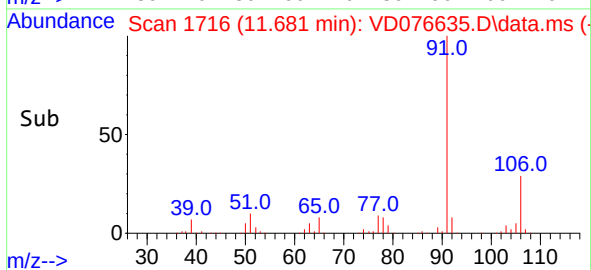
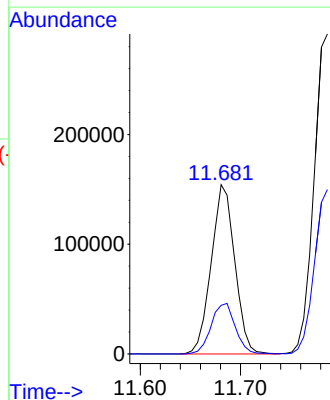
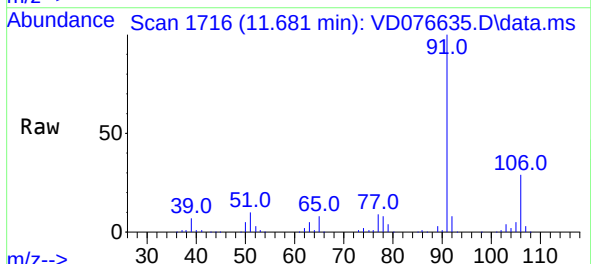
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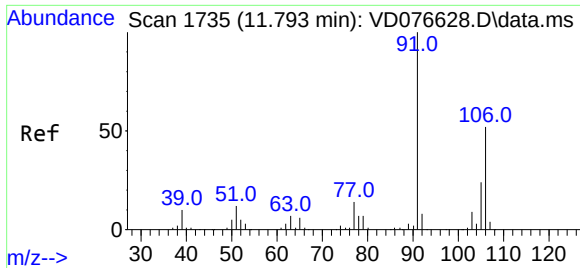
Tgt Ion: 75 Resp: 2095
Ion Ratio Lower Upper
75 100
77 48.4 22.5 41.7#



#52
Ethylbenzene
Concen: 18.465 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076635.D
Acq: 29 Jun 2023 13:29

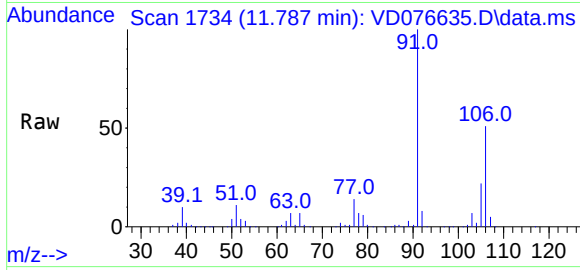
Tgt Ion: 91 Resp: 251971
Ion Ratio Lower Upper
91 100
106 28.8 22.4 41.6





#53
 m,p-Xylene
 Concen: 44.625 ug/L
 RT: 11.787 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076635.D
 Acq: 29 Jun 2023 13:29

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:106 Resp: 239305
 Ion Ratio Lower Upper
 106 100
 91 194.5 141.5 262.9

