

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077761.D
 Acq On : 06 Dec 2023 15:02
 Operator : JC/SY
 Sample : 05646-05
 Misc : 3.65G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:32:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

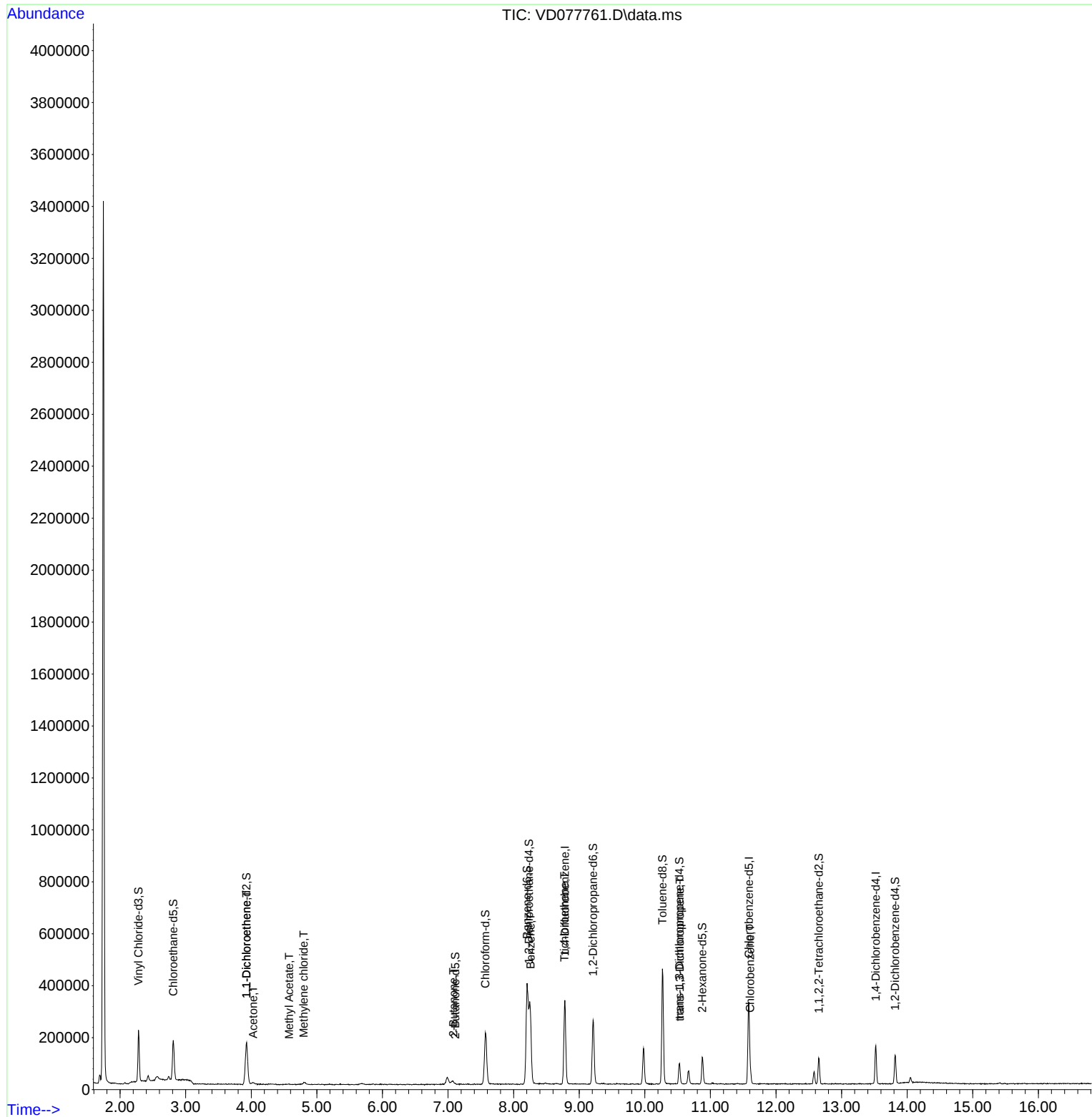
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	283568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	184003	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	40409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	182420	23.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
7) Chloroethane-d5	2.811	69	159666	25.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	3.928	65	47036	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.111	46	280	0.286	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.580%#
24) Chloroform-d	7.569	84	205519	26.891	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.560%
26) 1,2-Dichloroethane-d4	8.234	65	108943	28.134	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.520%
32) Benzene-d6	8.205	84	403655	36.425	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.680%#
36) 1,2-Dichloropropane-d6	9.210	67	126331	37.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.440%#
41) Toluene-d8	10.269	98	305044	29.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.640%
43) trans-1,3-Dichloroprop...	10.528	79	46961	31.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.640%
47) 2-Hexanone-d5	10.875	63	38118	65.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	52752	21.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	31287	21.643	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.928	96	1214	0.315	ug/L #	1
13) Acetone	4.028	43	10905	8.709	ug/L	83
15) Methyl Acetate	4.575	43	2381	1.328	ug/L #	75
16) Methylene chloride	4.799	84	5514	1.095	ug/L	79
22) 2-Butanone	7.081	43	1186	0.842	ug/L #	73
33) Benzene	8.258	78	254410	21.243	ug/L	100
34) Trichloroethene	8.775	95	8236	2.770	ug/L #	5
44) trans-1,3-Dichloropropene	10.534	75	2050	0.503	ug/L	99
51) Chlorobenzene	11.604	112	23462	2.974	ug/L	97

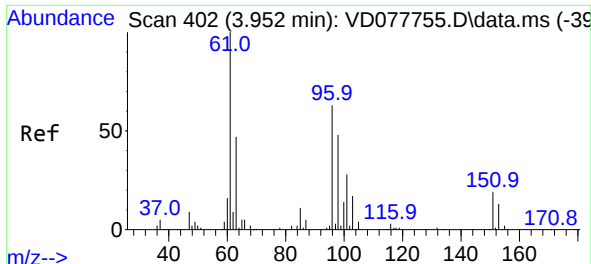
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.023 min

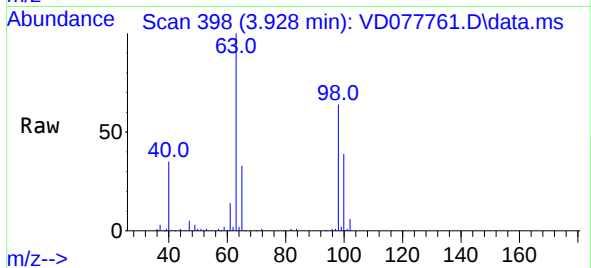
Lab File: VD077761.D

Acq: 06 Dec 2023 15:02

Instrument :

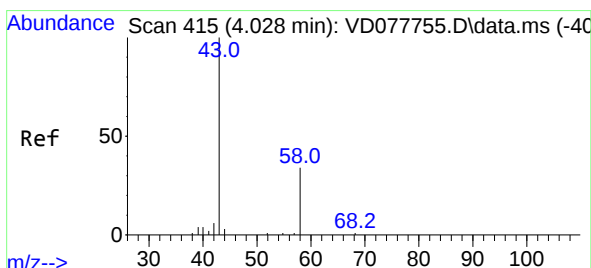
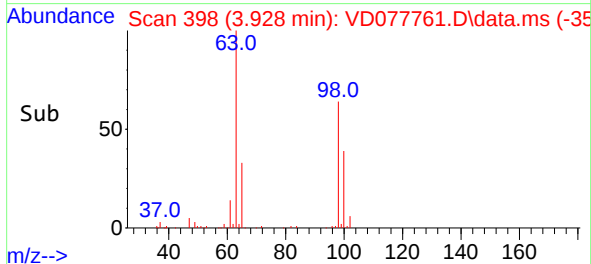
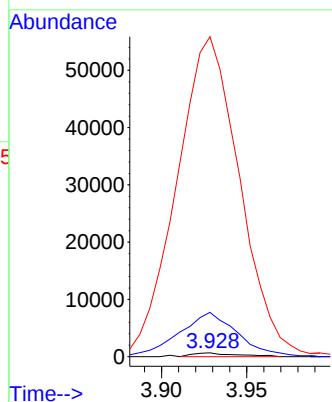
MSVOA_D

ClientSampleId :



Tgt Ion: 96 Resp: 1214

Ion	Ratio	Lower	Upper
96	100		
61	1136.0	108.6	201.6#
63	8205.6	60.3	111.9#



#13

Acetone

Concen: 8.709 ug/L

RT: 4.028 min Scan# 415

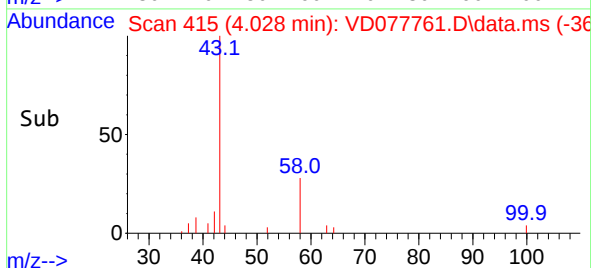
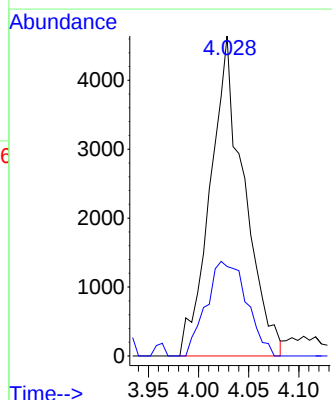
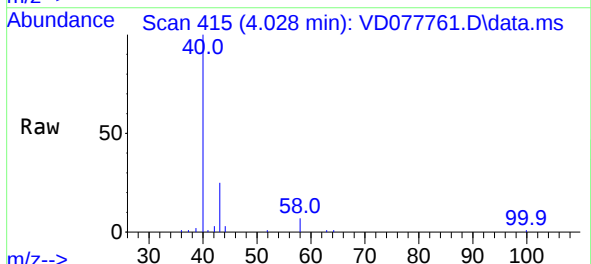
Delta R.T. 0.000 min

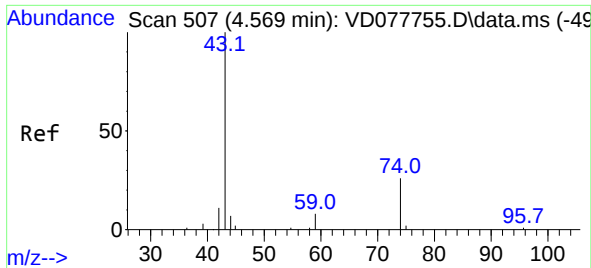
Lab File: VD077761.D

Acq: 06 Dec 2023 15:02

Tgt Ion: 43 Resp: 10905

Ion	Ratio	Lower	Upper
43	100		
58	23.8	0.0	67.2

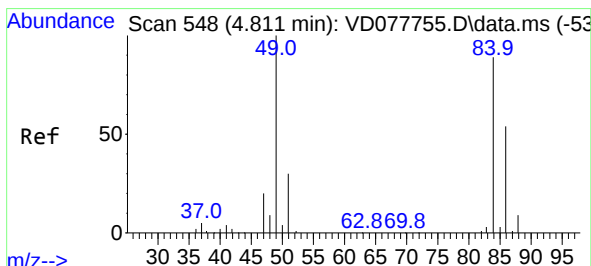
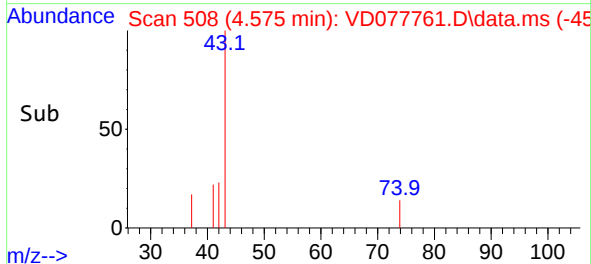
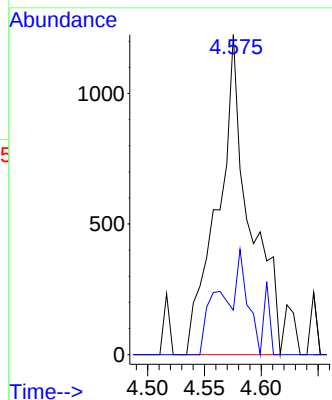
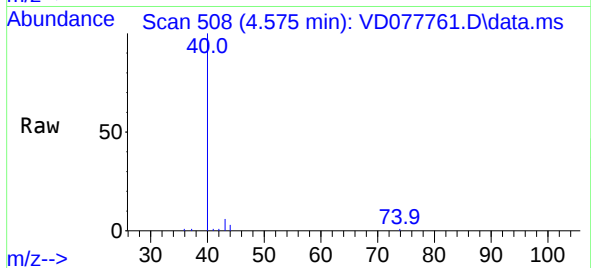




#15
Methyl Acetate
Concen: 1.328 ug/L
RT: 4.575 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

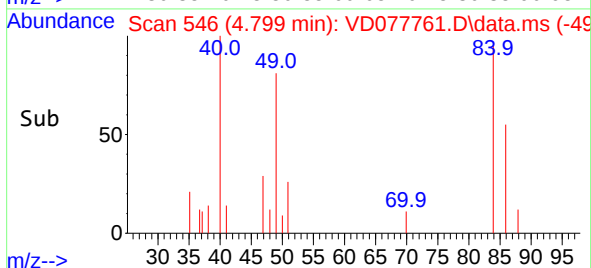
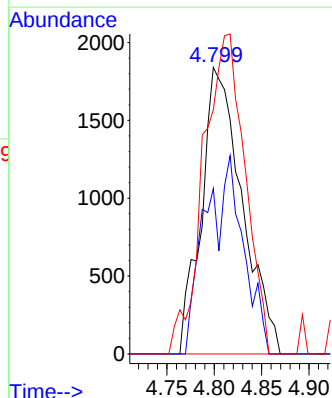
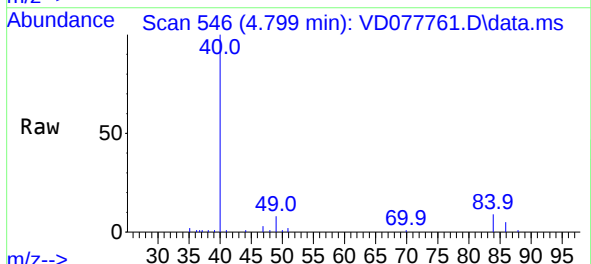
Instrument :
MSVOA_D
ClientSampleId :

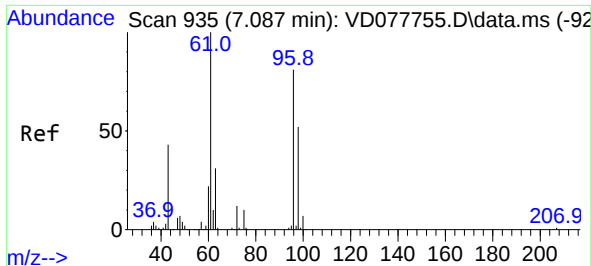
Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
74 11.1 18.6 27.8#



#16
Methylene chloride
Concen: 1.095 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077761.D
Acq: 06 Dec 2023 15:02

Tgt Ion: 84 Resp: 5514
Ion Ratio Lower Upper
84 100
86 57.6 40.1 74.5
49 85.2 83.2 154.6





#22

2-Butanone

Concen: 0.842 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077761.D

Acq: 06 Dec 2023 15:02

Instrument :

MSVOA_D

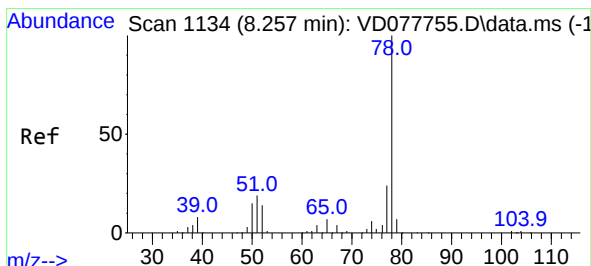
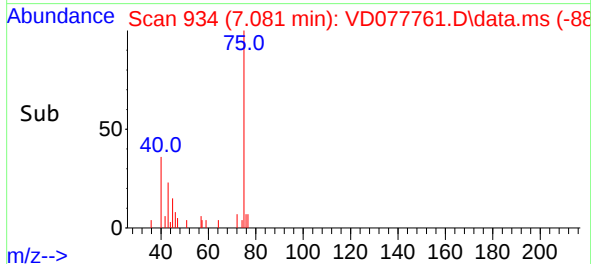
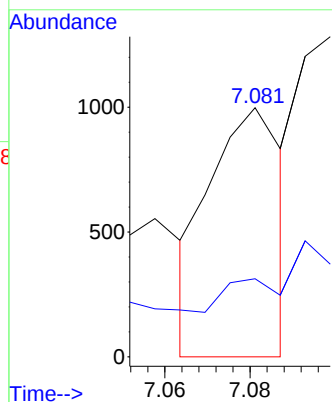
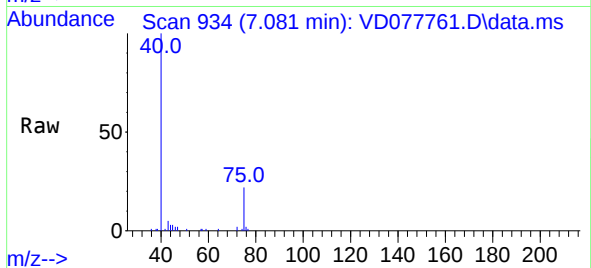
ClientSampleId :

Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

43 100

72 25.5 7.2 21.6#



#33

Benzene

Concen: 21.243 ug/L

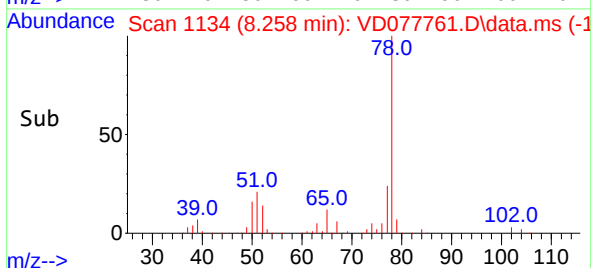
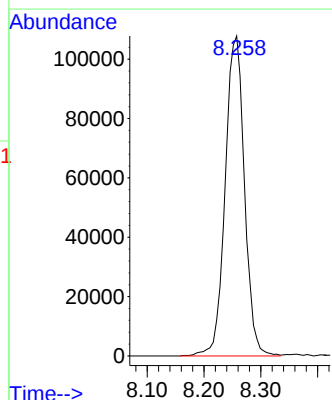
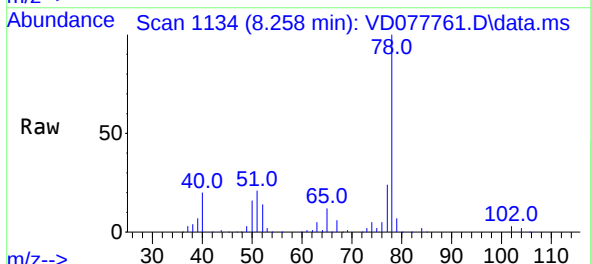
RT: 8.258 min Scan# 1134

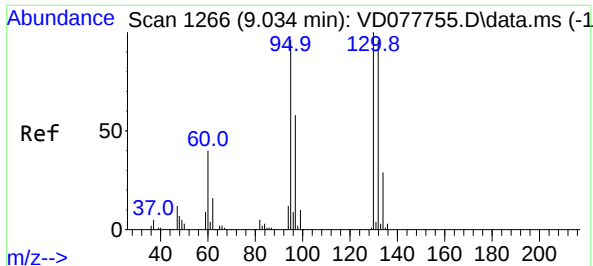
Delta R.T. 0.000 min

Lab File: VD077761.D

Acq: 06 Dec 2023 15:02

Tgt Ion: 78 Resp: 254410





#34

Trichloroethene

Concen: 2.770 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.259 min

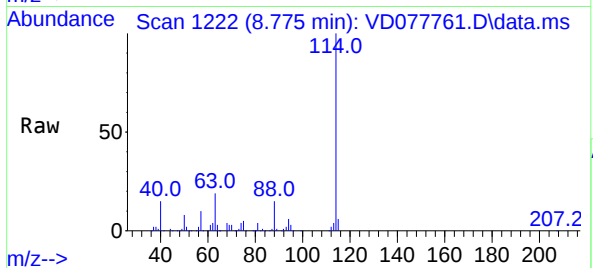
Lab File: VD077761.D

Acq: 06 Dec 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 8236

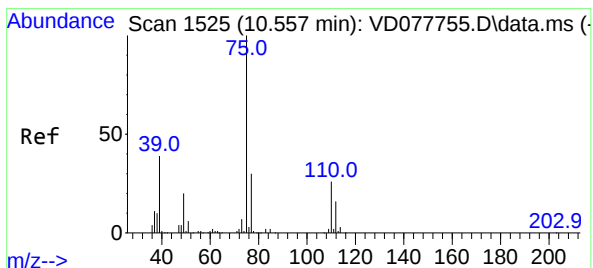
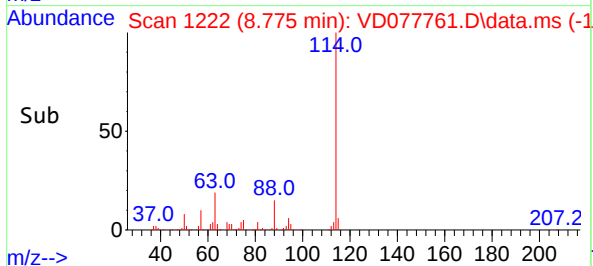
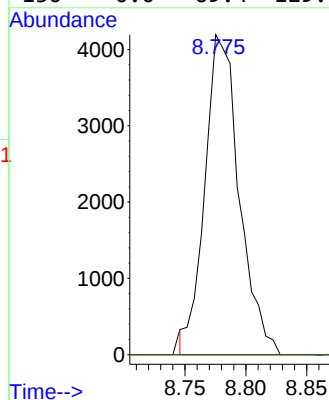
Ion Ratio Lower Upper

95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#



#44

trans-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 10.534 min Scan# 1521

Delta R.T. -0.023 min

Lab File: VD077761.D

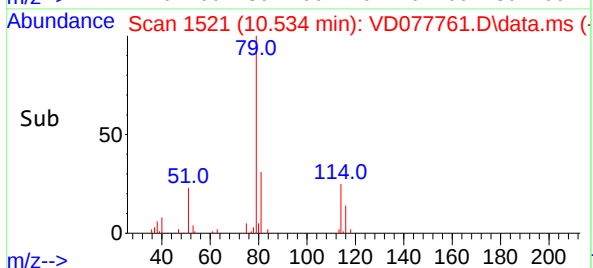
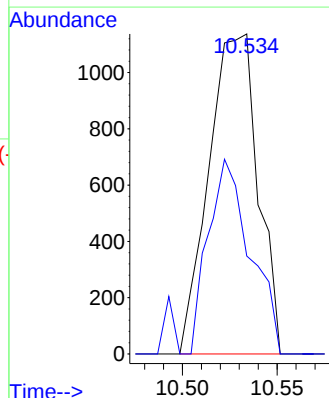
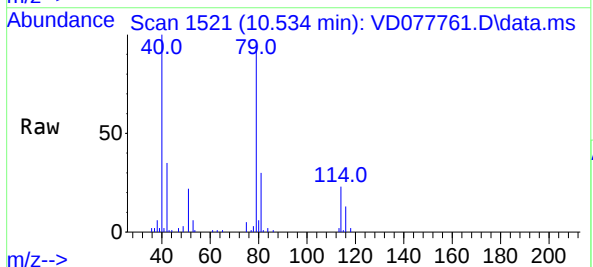
Acq: 06 Dec 2023 15:02

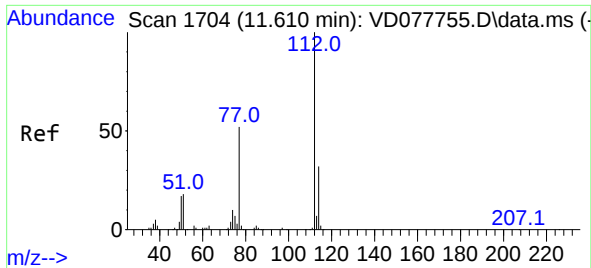
Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

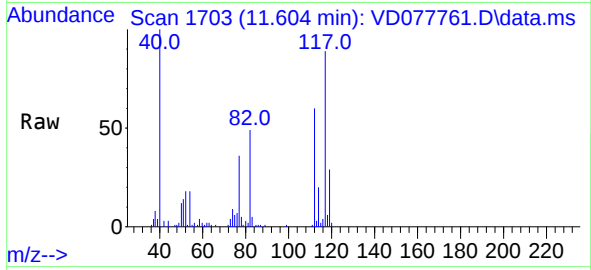
77 30.6 22.0 40.8





#51
 Chlorobenzene
 Concen: 2.974 ug/L
 RT: 11.604 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077761.D
 Acq: 06 Dec 2023 15:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	112	Resp:	23462
Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.5	41.9
77	60.5	46.4	69.6

