

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077105.D
 Acq On : 13 Sep 2023 15:23
 Operator : JC/SY
 Sample : 04417-01
 Misc : 5.34G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

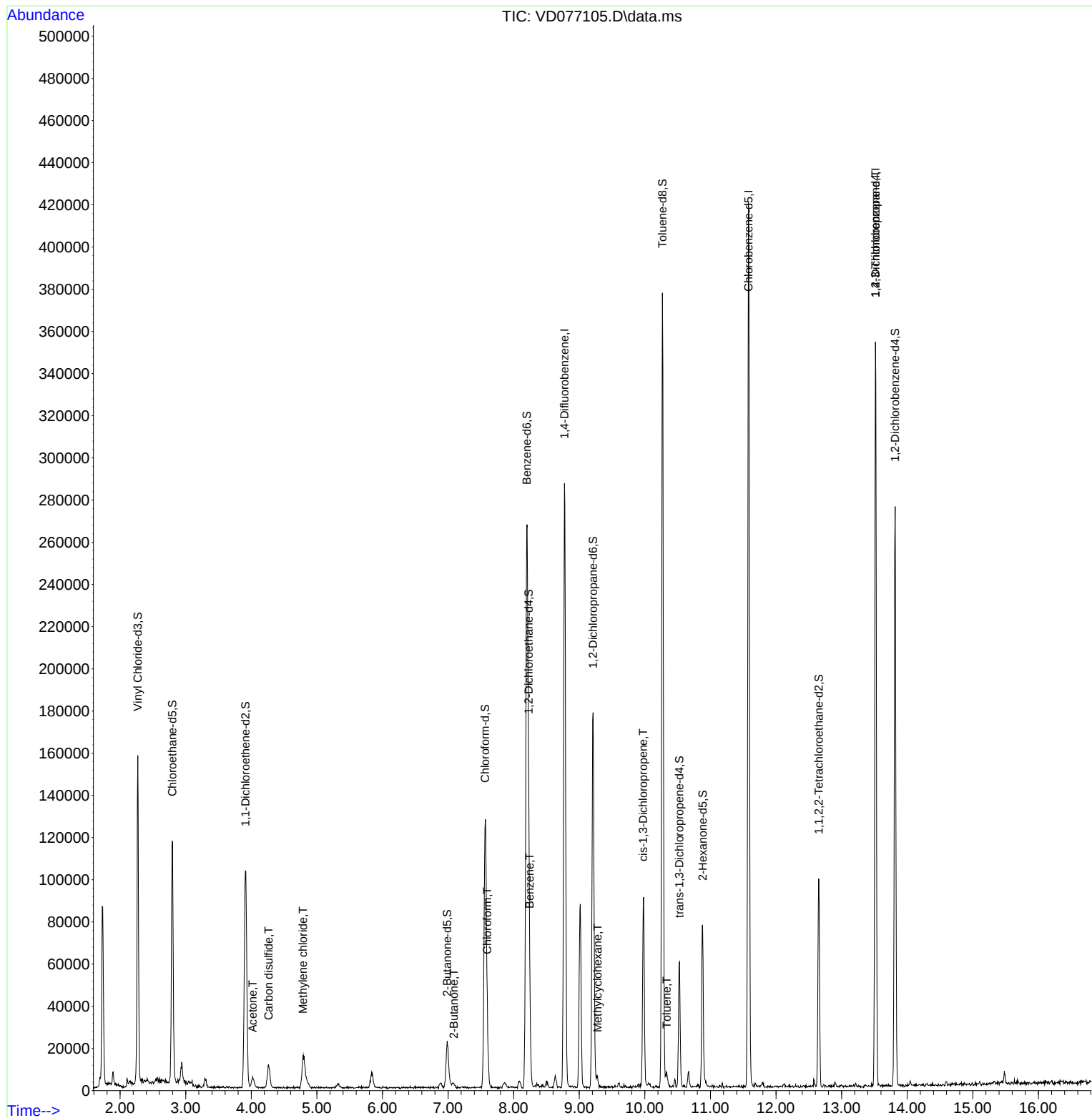
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	272314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	256631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	99952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	136899	20.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.600%
7) Chloroethane-d5	2.799	69	120212	21.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	3.910	65	30003	19.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.720%
21) 2-Butanone-d5	6.987	46	36900	43.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.300%
24) Chloroform-d	7.563	84	132258	17.750	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.000%
26) 1,2-Dichloroethane-d4	8.228	65	78548	22.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.960%
32) Benzene-d6	8.198	84	301272	21.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.040%
36) 1,2-Dichloropropane-d6	9.210	67	90439	22.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	10.269	98	263453	20.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	10.528	79	36102	19.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.960%
47) 2-Hexanone-d5	10.881	63	25939	39.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	49903	13.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	77847	24.265	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						Qvalue
13) Acetone	4.022	43	8842	7.292	ug/L	96
14) Carbon disulfide	4.263	76	23356	1.973	ug/L	99
16) Methylene chloride	4.787	84	11705	2.112	ug/L	89
22) 2-Butanone	7.087	43	1909	1.305	ug/L #	71
25) Chloroform	7.599	83	19861	2.650	ug/L	83
33) Benzene	8.246	78	5098	0.331	ug/L	100
35) Methylcyclohexane	9.281	83	1921	0.305	ug/L #	73
39) cis-1,3-Dichloropropene	9.975	75	2159	0.349	ug/L #	55
42) Toluene	10.334	91	5290	0.317	ug/L	92
61) 1,2,3-Trichloropropane	13.516	75	11825	6.198	ug/L #	62

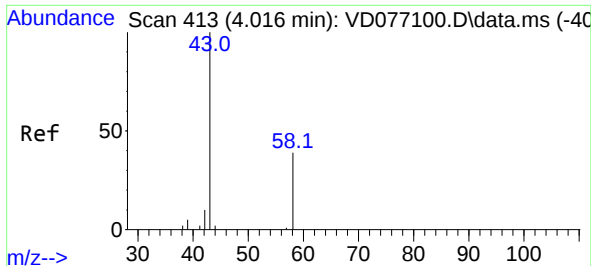
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration

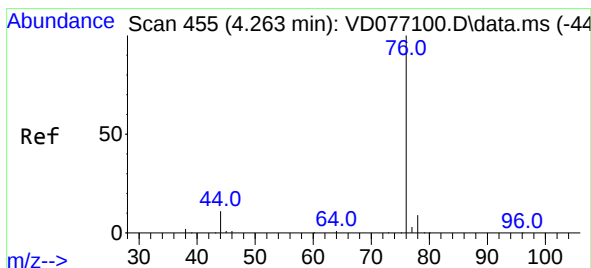
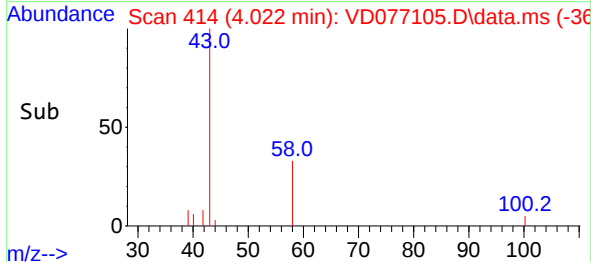
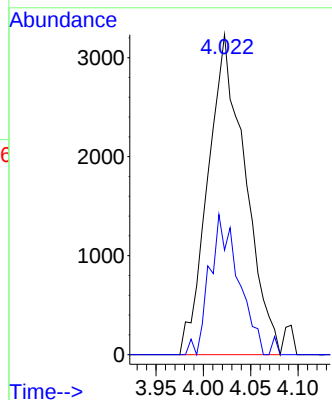
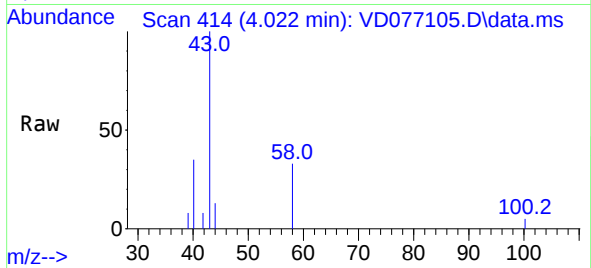




#13
Acetone
Concen: 7.292 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

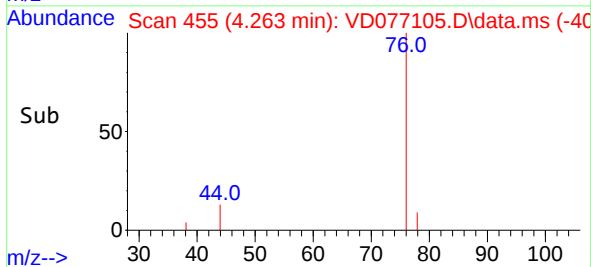
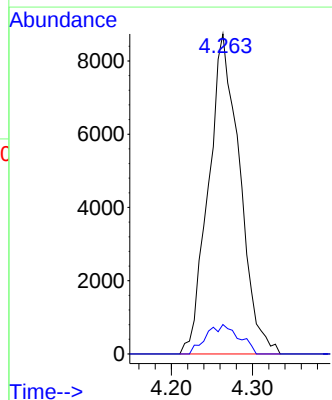
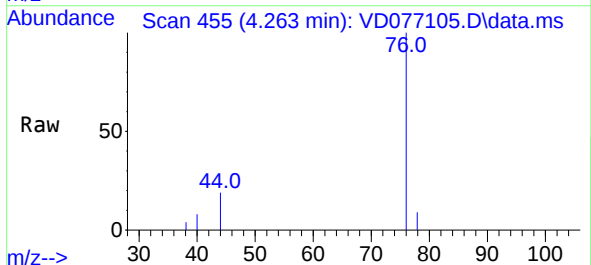
Instrument :
MSVOA_D
ClientSampleId :

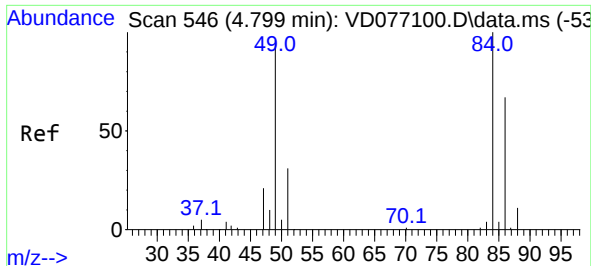
Tgt Ion: 43 Resp: 8842
Ion Ratio Lower Upper
43 100
58 33.3 0.0 71.8



#14
Carbon disulfide
Concen: 1.973 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

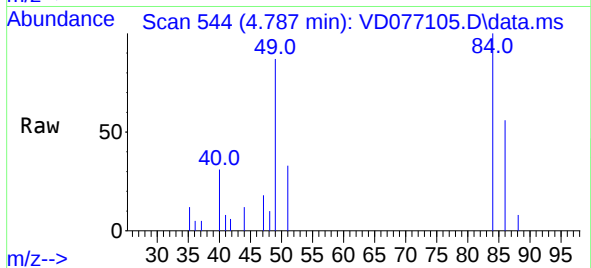
Tgt Ion: 76 Resp: 23356
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



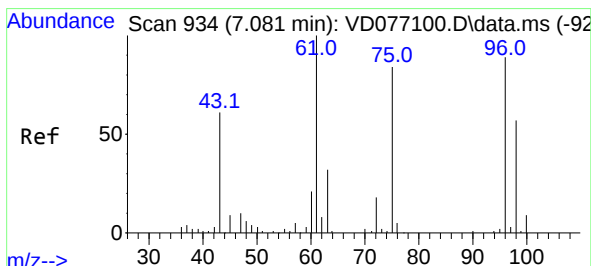
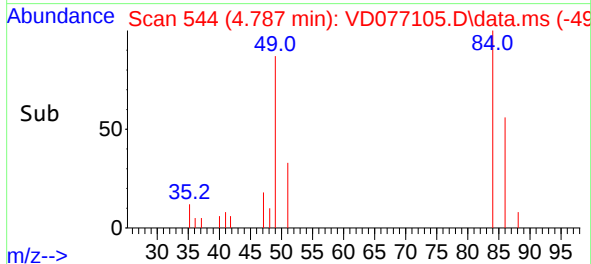
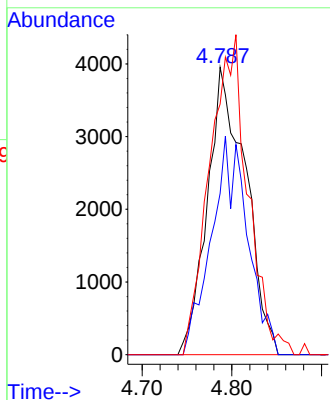


#16
Methylene chloride
Concen: 2.112 ug/L
RT: 4.787 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

Instrument :
MSVOA_D
ClientSampleId :

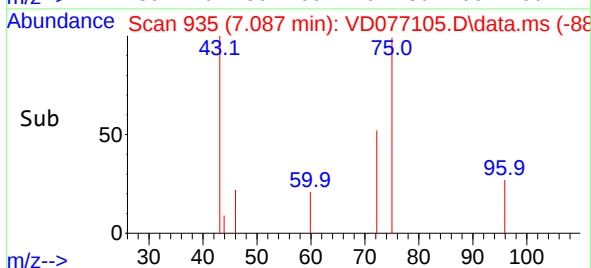
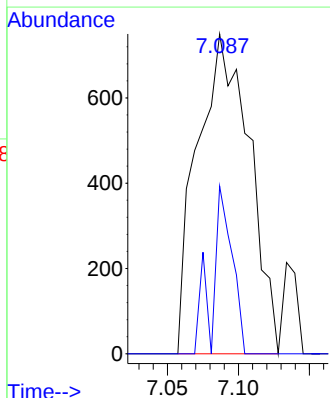
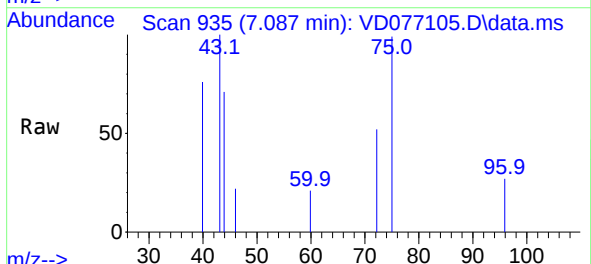


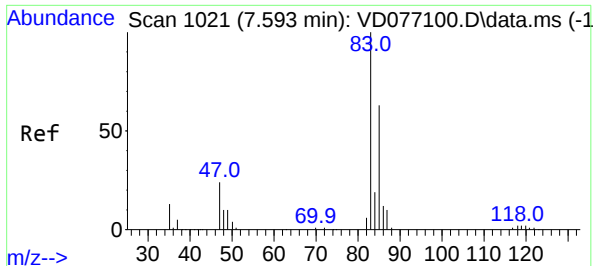
Tgt Ion: 84 Resp: 11705
Ion Ratio Lower Upper
84 100
86 56.1 45.3 84.1
49 87.2 69.2 128.6



#22
2-Butanone
Concen: 1.305 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
72 15.9 16.0 48.0#

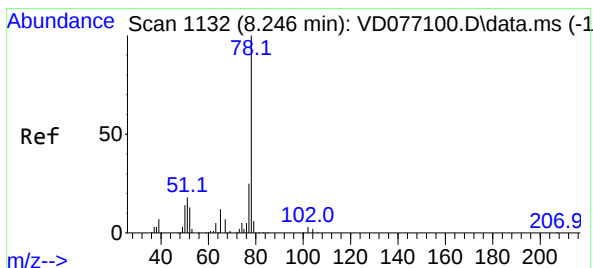
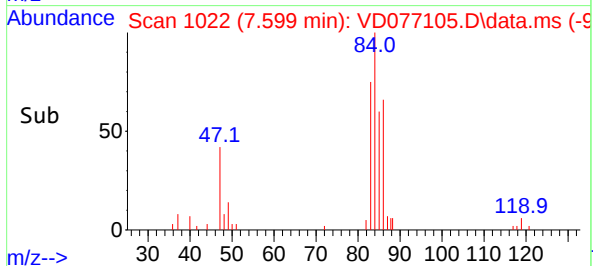
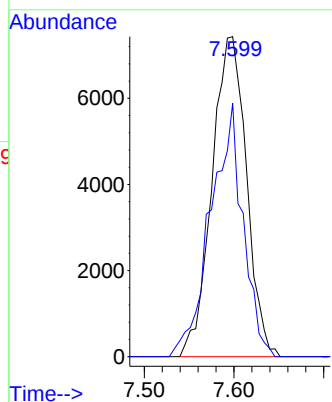
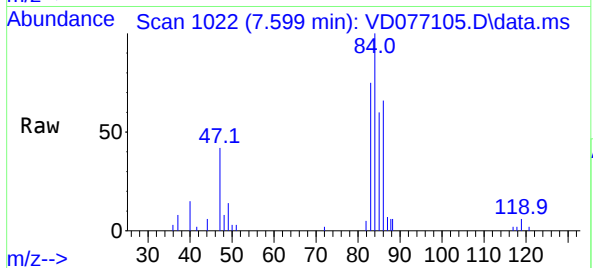




#25
Chloroform
Concen: 2.650 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

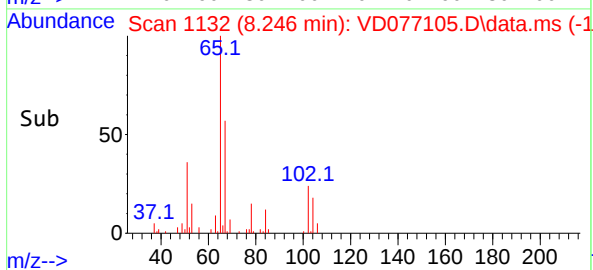
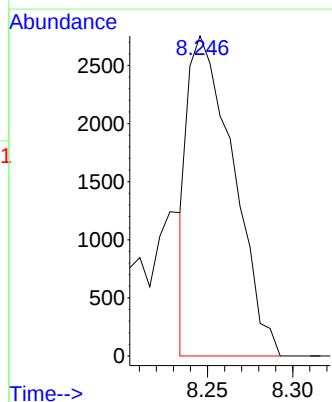
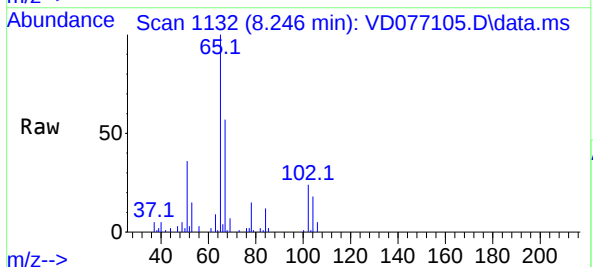
Instrument :
MSVOA_D
ClientSampleId :

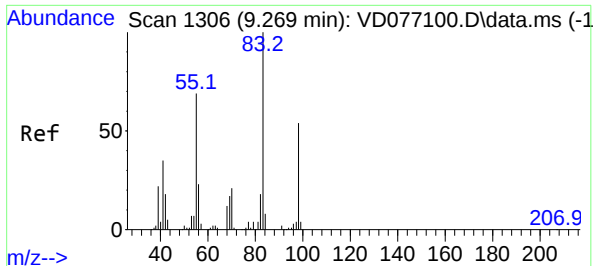
Tgt Ion: 83 Resp: 19861
Ion Ratio Lower Upper
83 100
85 79.2 46.2 85.8



#33
Benzene
Concen: 0.331 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

Tgt Ion: 78 Resp: 5098





#35

Methylcyclohexane

Concen: 0.305 ug/L

RT: 9.281 min Scan# 11

Delta R.T. 0.006 min

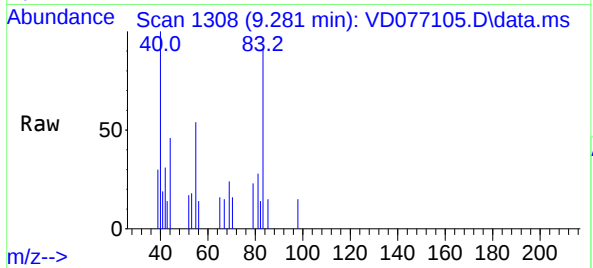
Lab File: VD077105.D

Acq: 13 Sep 2023 15:23

Instrument :

MSVOA_D

ClientSampleId :



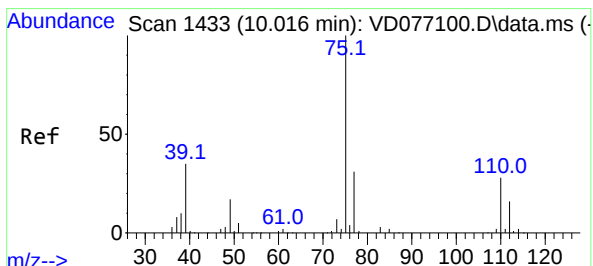
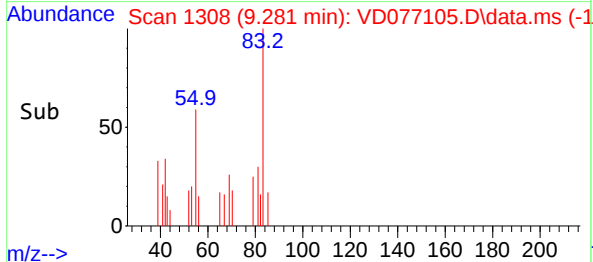
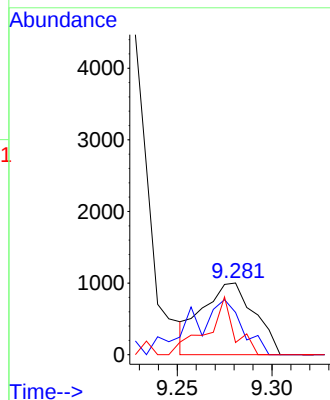
Tgt Ion: 83 Resp: 1921

Ion Ratio Lower Upper

83 100

55 45.3 51.5 77.3#

98 29.0 40.7 61.1#



#39

cis-1,3-Dichloropropene

Concen: 0.349 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD077105.D

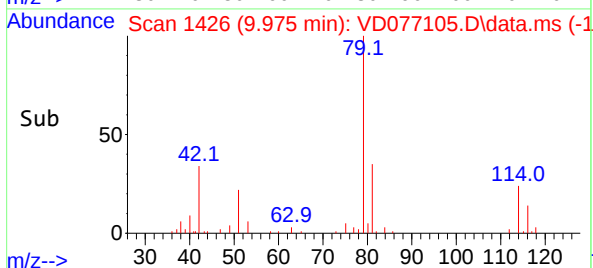
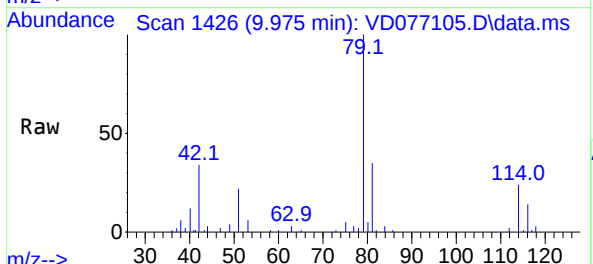
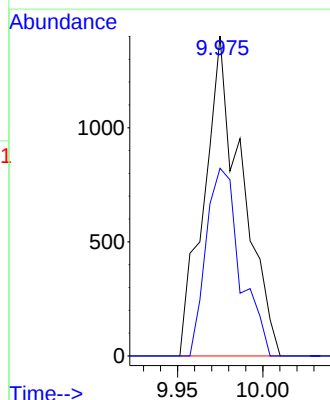
Acq: 13 Sep 2023 15:23

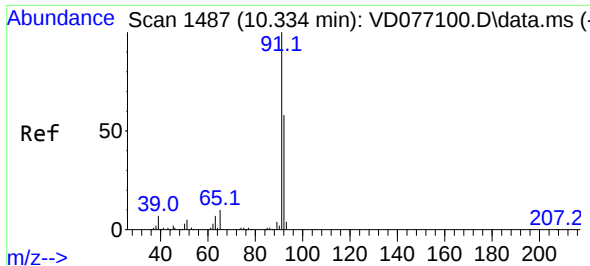
Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

75 100

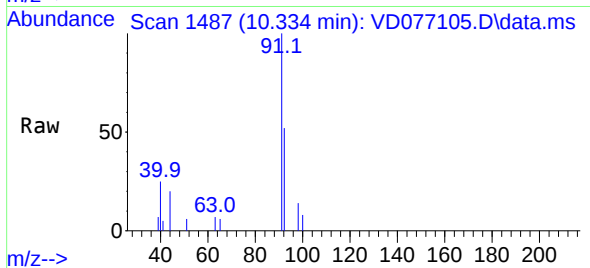
77 58.6 23.2 43.2#



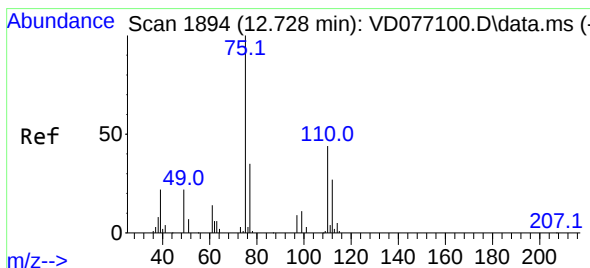
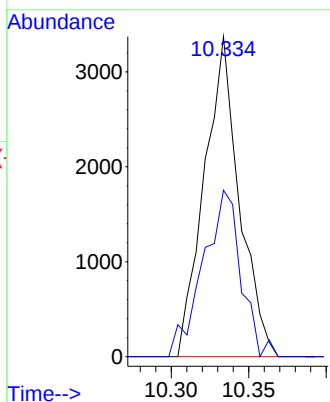


#42
Toluene
Concen: 0.317 ug/L
RT: 10.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 91 Resp: 5290
Ion Ratio Lower Upper
91 100
92 52.0 40.8 75.8



#61
1,2,3-Trichloropropane
Concen: 6.198 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD077105.D
Acq: 13 Sep 2023 15:23

Tgt Ion: 75 Resp: 11825
Ion Ratio Lower Upper
75 100
77 29.9 26.6 40.0
110 2.3 33.6 50.4#

