

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121224\
 Data File : VD080157.D
 Acq On : 12 Dec 2024 21:17
 Operator : RP/MD
 Sample : P5232-09
 Misc : 5.28G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 13 02:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 02:01:12 2024
 Response via : Initial Calibration

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

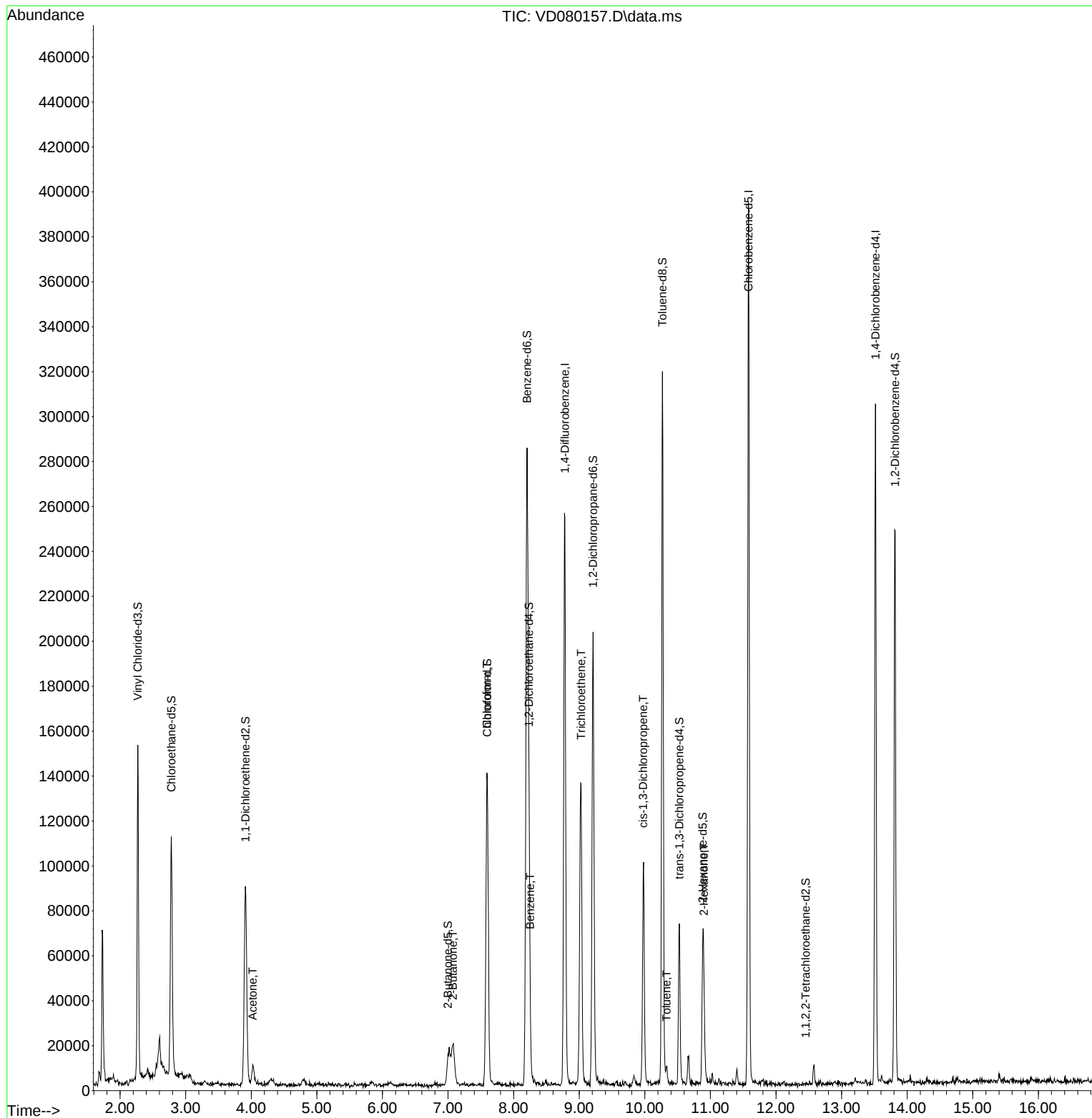
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	215743	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77924	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	134431	39.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	156.400%#
7) Chloroethane-d5	2.781	69	122419	39.926	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	159.720%#
11) 1,1-Dichloroethene-d2	3.911	65	26955	20.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	6.999	46	9254	12.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.100%
24) Chloroform-d	7.599	84	6619	1.111	ug/L	0.04
Spiked Amount	25.000	Range	40 - 150	Recovery	=	4.440%#
26) 1,2-Dichloroethane-d4	8.234	65	86545	27.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.840%
32) Benzene-d6	8.205	84	262702	20.948	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	9.210	67	98769	23.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.269	98	214189	18.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.320%
43) trans-1,3-Dichloroprop...	10.528	79	39037	22.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.560%
47) 2-Hexanone-d5	10.881	63	7076	10.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.980%
56) 1,1,2,2-Tetrachloroeth...	12.451	84	76	0.021	ug/L	-0.19
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.816	152	67059	23.835	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.360%
Target Compounds						Qvalue
13) Acetone	4.022	43	12647	9.719	ug/L	98
22) 2-Butanone	7.075	43	2599	2.020	ug/L	92
25) Chloroform	7.593	83	137337	19.283	ug/L	99
33) Benzene	8.252	78	2197	0.144	ug/L	100
34) Trichloroethene	9.028	95	35761	8.632	ug/L	95
39) cis-1,3-Dichloropropene	9.975	75	2675	0.429	ug/L #	78
42) Toluene	10.328	91	4529	0.274	ug/L	84
48) 2-Hexanone	10.899	43	7022	3.560	ug/L #	83

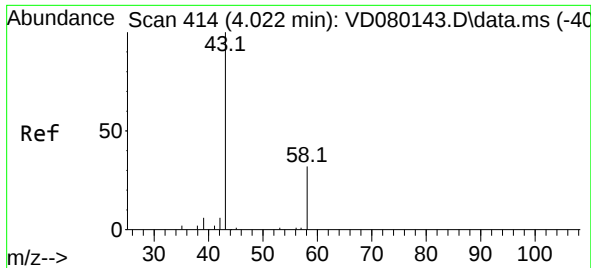
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 02:01:12 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.719 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD080157.D

Acq: 12 Dec 2024 21:17

Instrument :

MSVOA_D

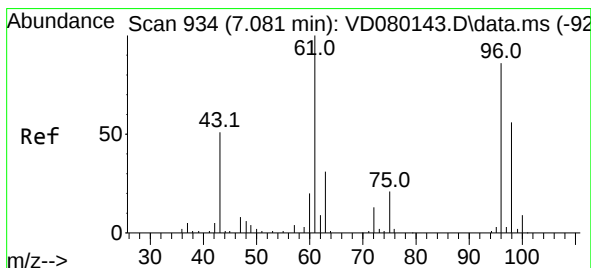
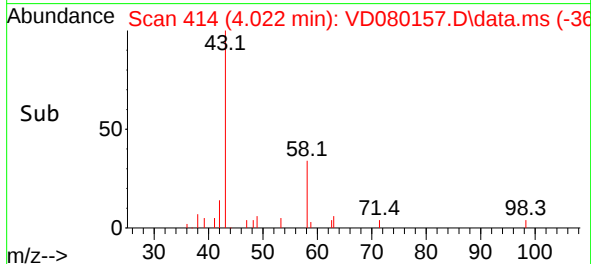
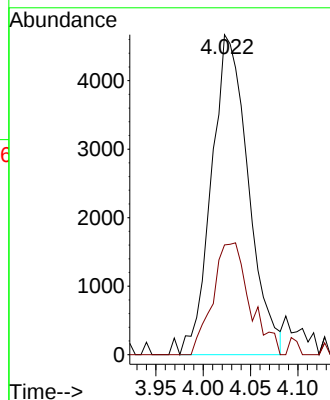
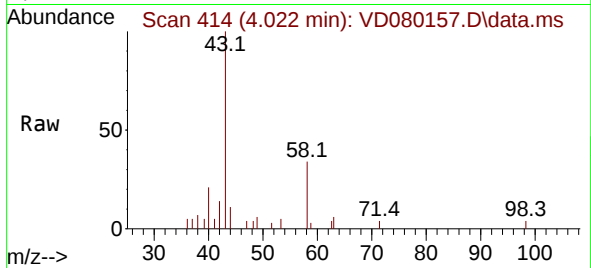
ClientSampleId :

Tgt Ion: 43 Resp: 12647

Ion Ratio Lower Upper

43 100

58 33.3 0.0 69.0



#22

2-Butanone

Concen: 2.020 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD080157.D

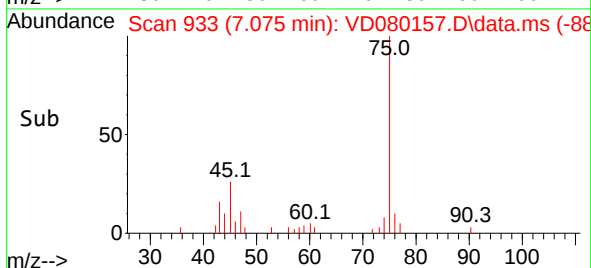
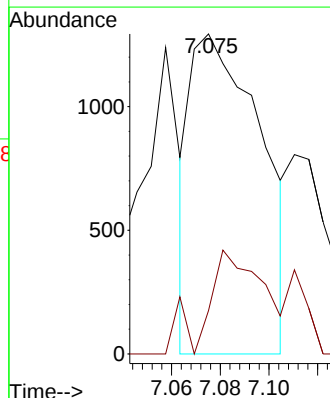
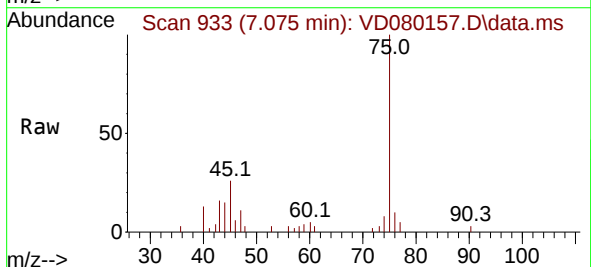
Acq: 12 Dec 2024 21:17

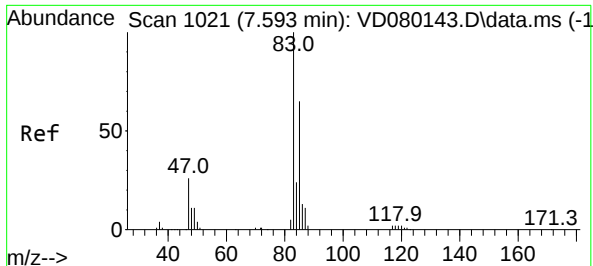
Tgt Ion: 43 Resp: 2599

Ion Ratio Lower Upper

43 100

72 23.2 13.6 40.8





#25

Chloroform

Concen: 19.283 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD080157.D

Acq: 12 Dec 2024 21:17

Instrument :

MSVOA_D

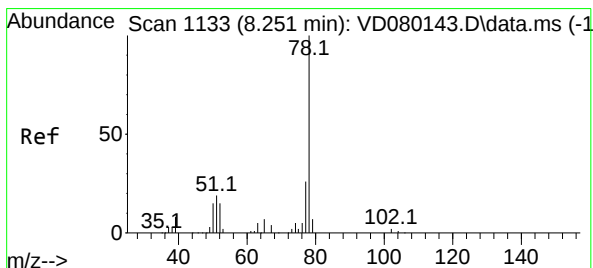
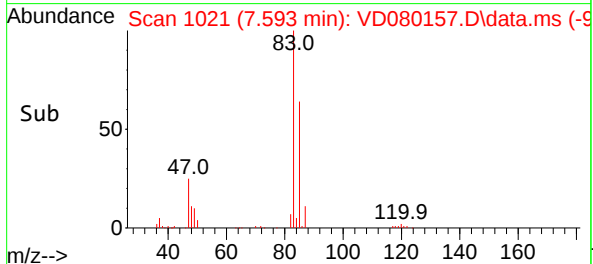
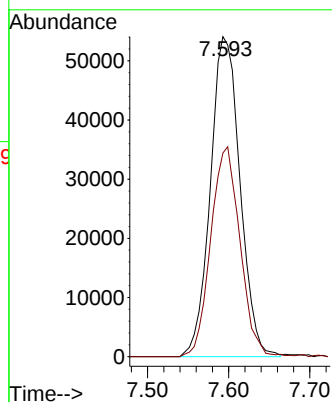
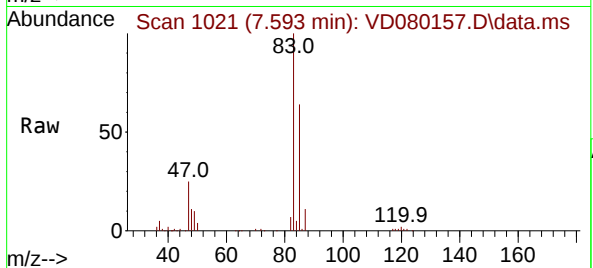
ClientSampleId :

Tgt Ion: 83 Resp: 137337

Ion Ratio Lower Upper

83 100

85 63.7 45.0 83.6



#33

Benzene

Concen: 0.144 ug/L

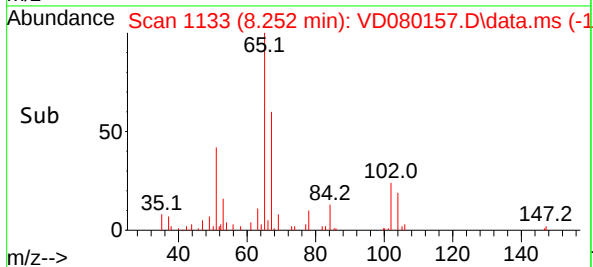
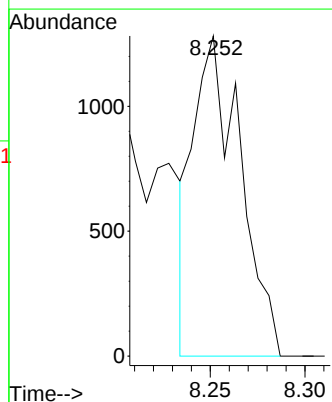
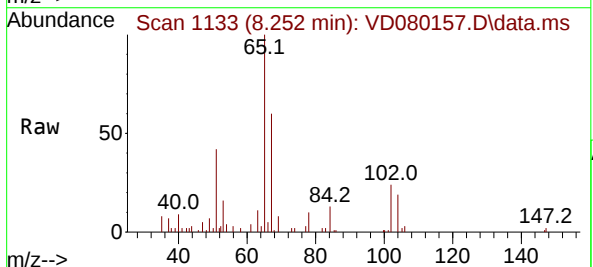
RT: 8.252 min Scan# 1133

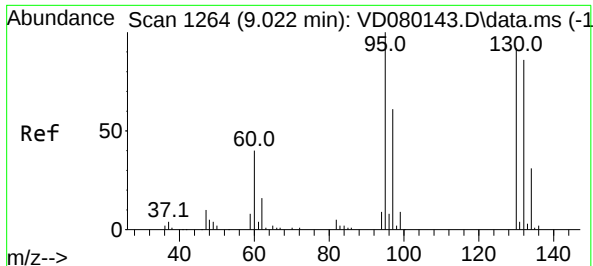
Delta R.T. 0.000 min

Lab File: VD080157.D

Acq: 12 Dec 2024 21:17

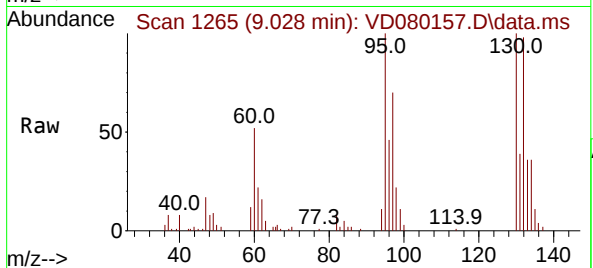
Tgt Ion: 78 Resp: 2197



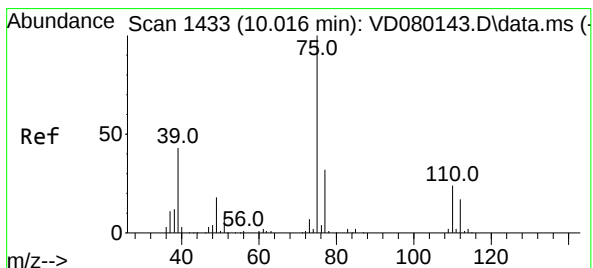
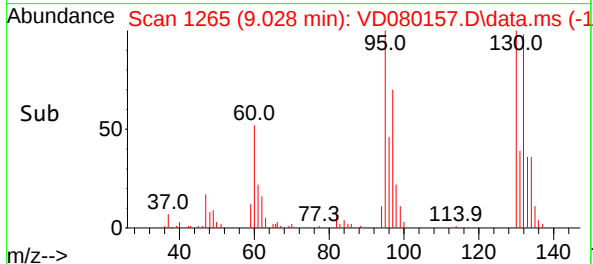
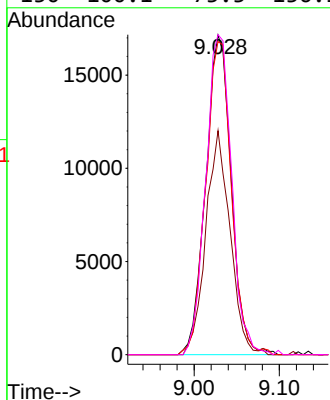


#34
Trichloroethene
Concen: 8.632 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080157.D
Acq: 12 Dec 2024 21:17

Instrument :
MSVOA_D
ClientSampleId :

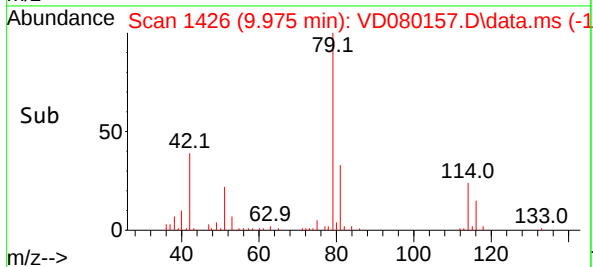
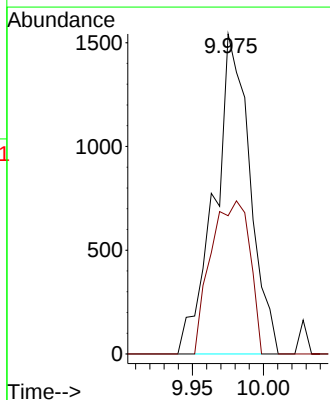
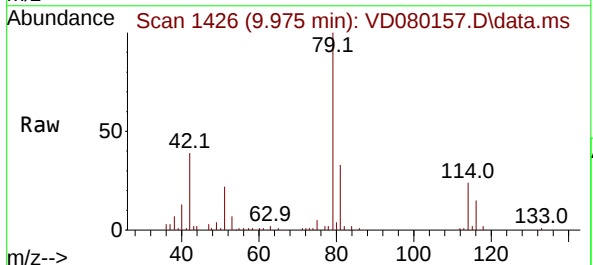


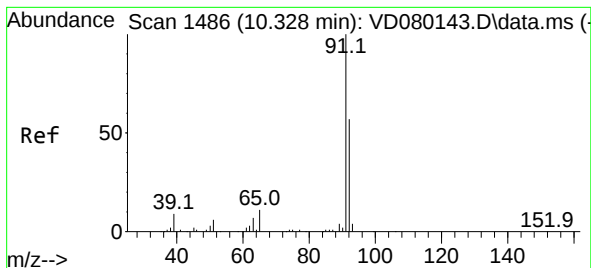
Tgt Ion:	95	Resp:	35761
Ion	Ratio	Lower	Upper
95	100		
97	70.1	43.7	81.1
132	98.0	69.4	129.0
130	100.1	73.3	136.1



#39
cis-1,3-Dichloropropene
Concen: 0.429 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD080157.D
Acq: 12 Dec 2024 21:17

Tgt Ion:	75	Resp:	2675
Ion	Ratio	Lower	Upper
75	100		
77	43.2	21.8	40.6#





#42

Toluene

Concen: 0.274 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VD080157.D

Acq: 12 Dec 2024 21:17

Instrument :

MSVOA_D

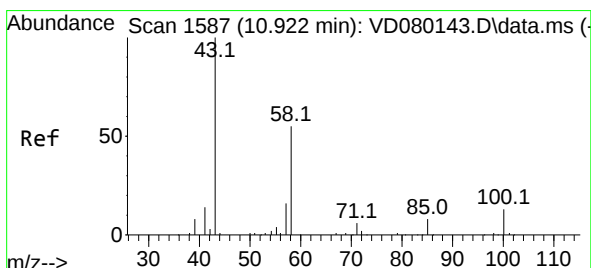
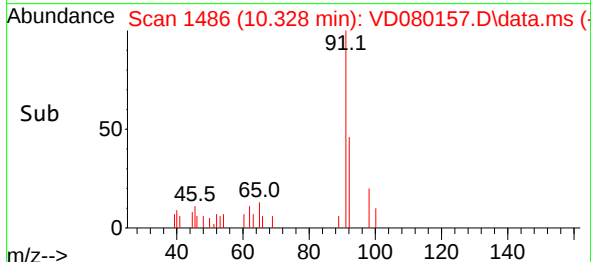
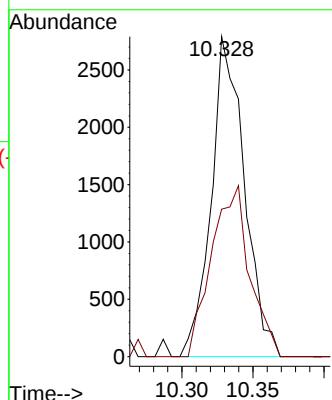
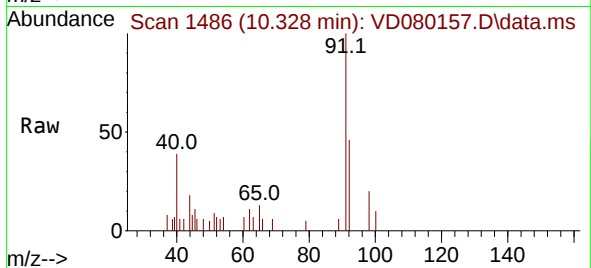
ClientSampleId :

Tgt Ion: 91 Resp: 4529

Ion Ratio Lower Upper

91 100

92 46.1 40.8 75.8



#48

2-Hexanone

Concen: 3.560 ug/L

RT: 10.899 min Scan# 1583

Delta R.T. -0.023 min

Lab File: VD080157.D

Acq: 12 Dec 2024 21:17

Tgt Ion: 43 Resp: 7022

Ion Ratio Lower Upper

43 100

58 59.5 41.8 62.6

57 30.6 14.8 22.2#

100 0.0 9.0 13.6#

