

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077107.D
 Acq On : 13 Sep 2023 16:18
 Operator : JC/SY
 Sample : 04417-03
 Misc : 5.58G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:26:02 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)

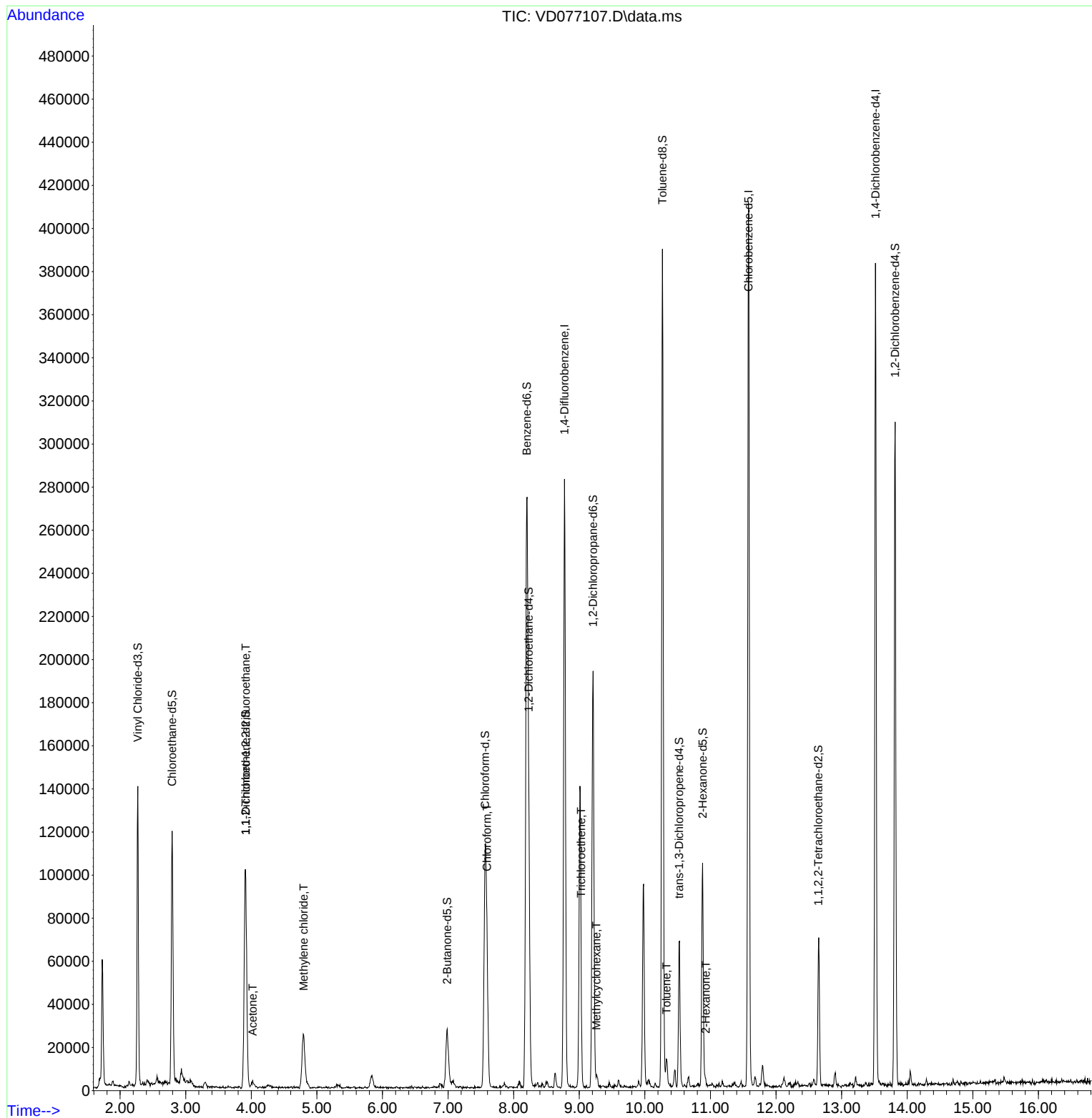
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	260149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	250620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122778	19.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
7) Chloroethane-d5	2.793	69	117549	22.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	3.916	65	29906	20.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	6.987	46	44892	55.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.180%
24) Chloroform-d	7.563	84	108721	15.273	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.080%
26) 1,2-Dichloroethane-d4	8.228	65	87409	25.907	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.199	84	307207	22.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.210	67	99845	25.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.269	98	270051	21.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	10.522	79	39717	21.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.840%
47) 2-Hexanone-d5	10.881	63	33001	52.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	35331	9.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	39.920%#
66) 1,2-Dichlorobenzene-d4	13.816	152	87862	25.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	991	0.258	ug/L #	20
13) Acetone	4.022	43	4938	4.263	ug/L	77
16) Methylene chloride	4.799	84	19409	3.666	ug/L	81
25) Chloroform	7.593	83	48318	6.747	ug/L	97
34) Trichloroethene	9.028	95	1494	0.374	ug/L #	73
35) Methylcyclohexane	9.263	83	1805	0.293	ug/L #	69
42) Toluene	10.328	91	9978	0.612	ug/L	84
48) 2-Hexanone	10.928	43	1692	1.051	ug/L #	83

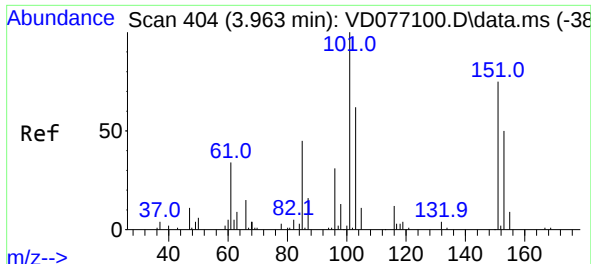
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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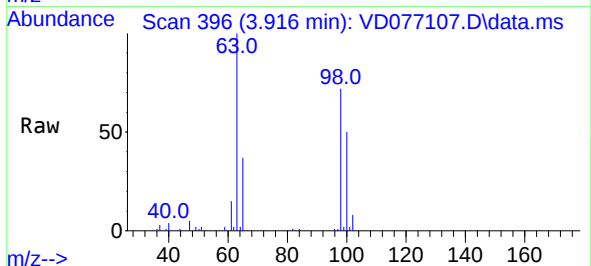
Quant Time: Sep 14 01:26:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration



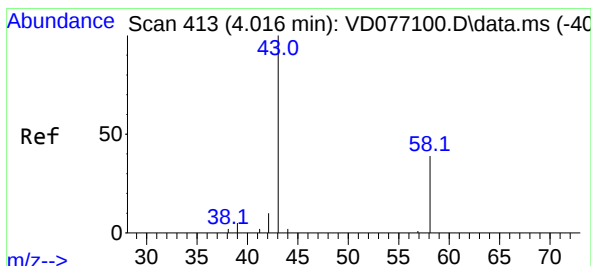
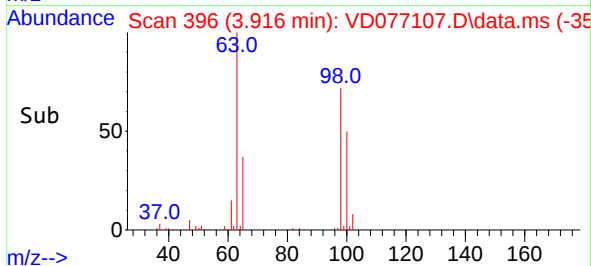
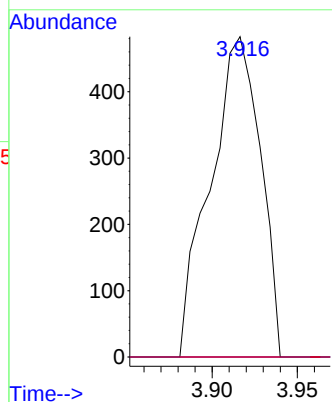


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.258 ug/L
 RT: 3.916 min Scan# 396
 Delta R.T. -0.047 min
 Lab File: VD077107.D
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Instrument :
 MSVOA_D
 ClientSampleId :

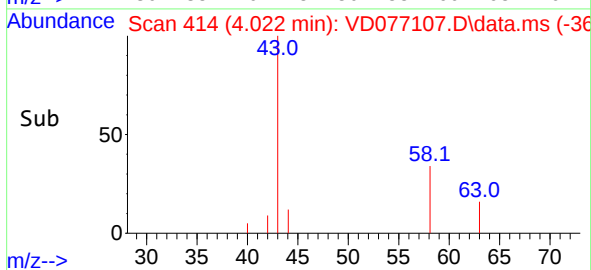
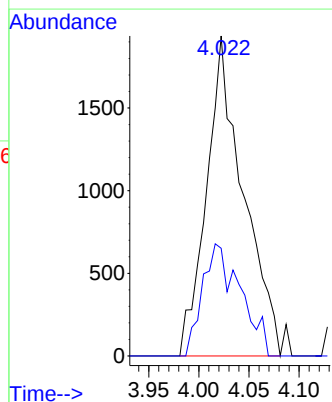
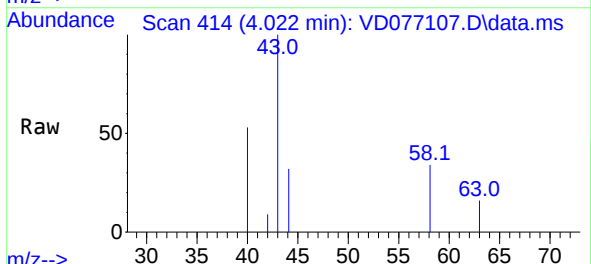


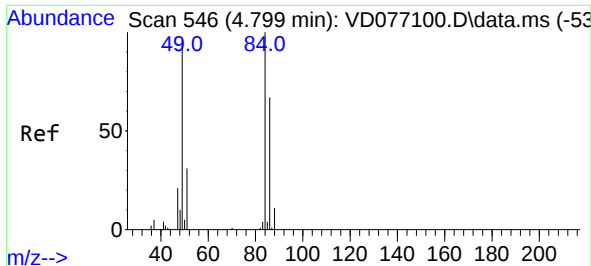
Tgt Ion:101 Resp: 991
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.4 50.2#
 151 0.0 59.6 89.4#



#13
 Acetone
 Concen: 4.263 ug/L
 RT: 4.022 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VD077107.D
 Acq: 13 Sep 2023 16:18

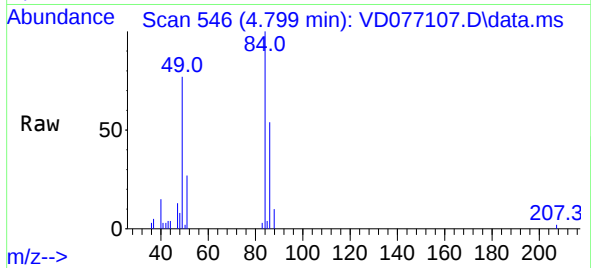
Tgt Ion: 43 Resp: 4938
 Ion Ratio Lower Upper
 43 100
 58 22.3 0.0 71.8



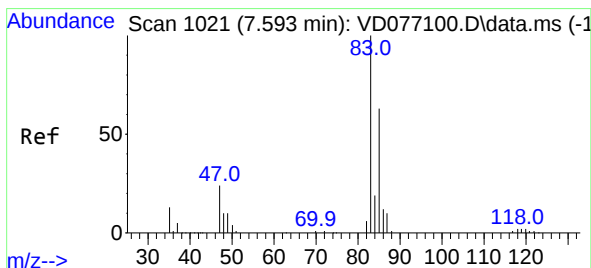
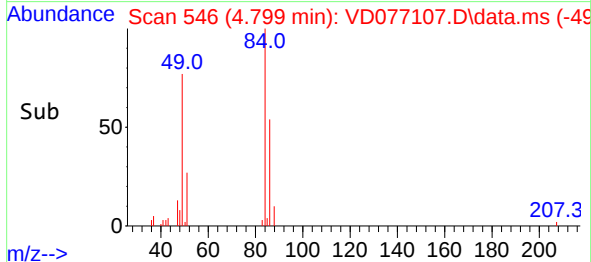
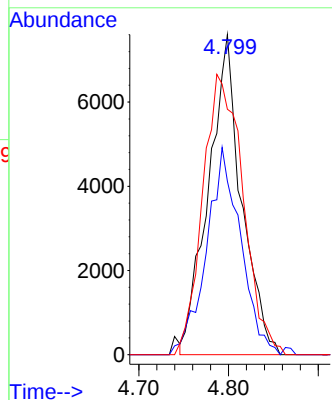


#16
Methylene chloride
Concen: 3.666 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077107.D
Acq: 13 Sep 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

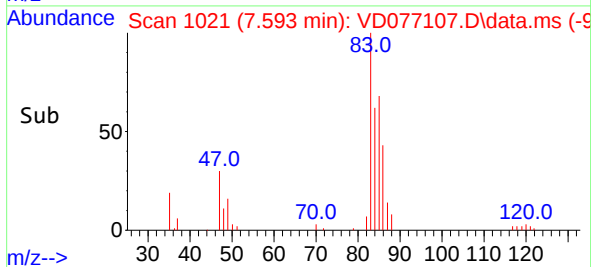
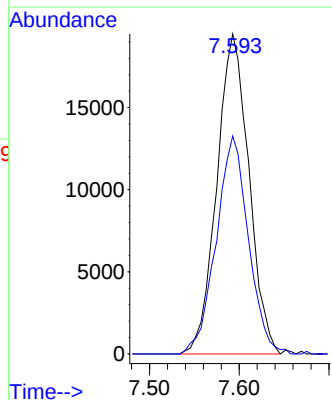
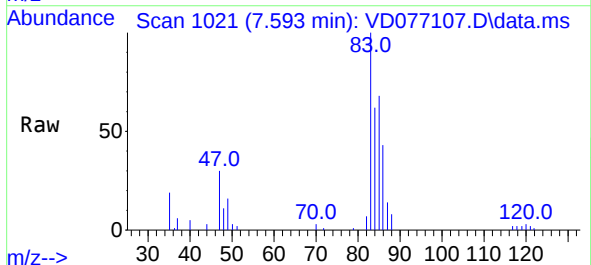


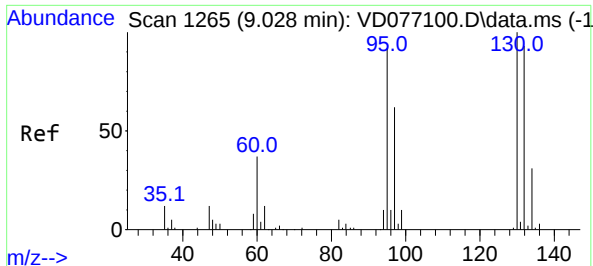
Tgt Ion: 84 Resp: 19409
Ion Ratio Lower Upper
84 100
86 54.2 45.3 84.1
49 76.7 69.2 128.6



#25
Chloroform
Concen: 6.747 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077107.D
Acq: 13 Sep 2023 16:18

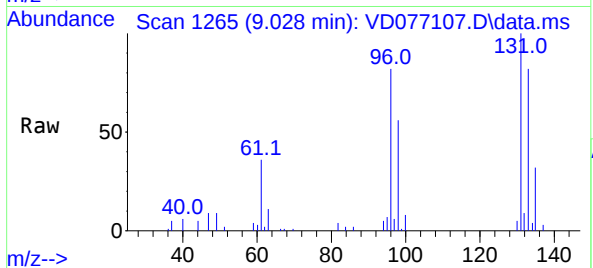
Tgt Ion: 83 Resp: 48318
Ion Ratio Lower Upper
83 100
85 68.1 46.2 85.8





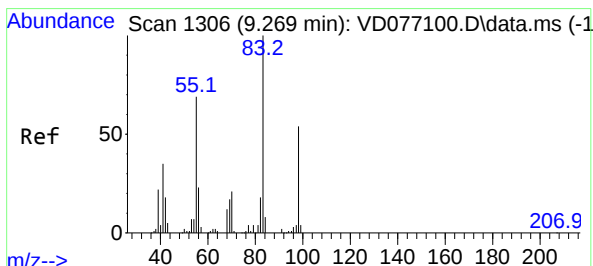
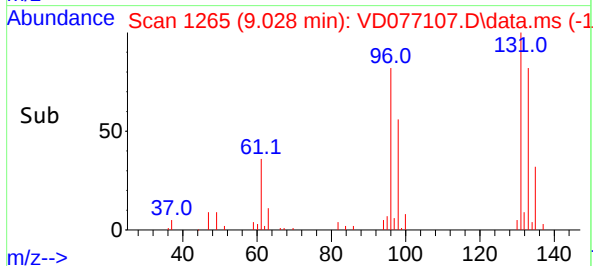
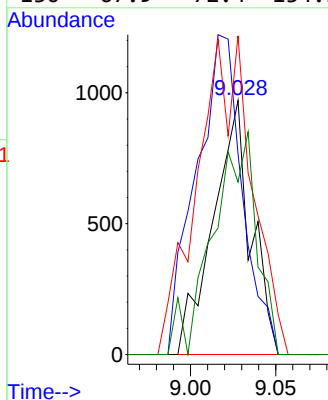
#34
Trichloroethene
Concen: 0.374 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077107.D
Acq: 13 Sep 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 1494

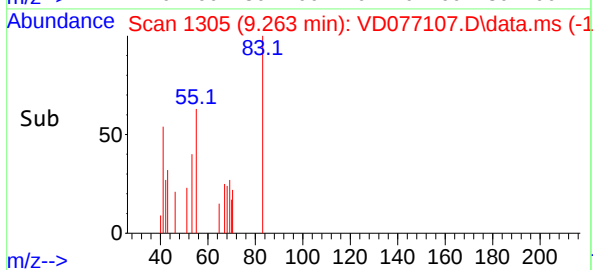
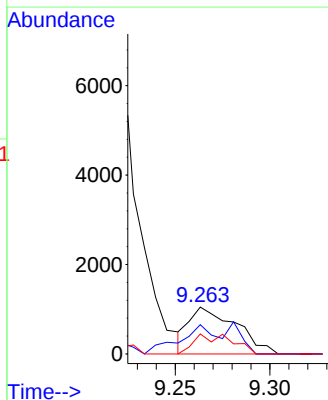
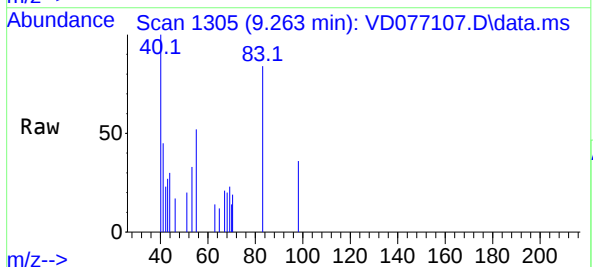
Ion	Ratio	Lower	Upper
95	100		
97	79.0	46.4	86.2
132	125.4	70.1	130.1
130	67.9	72.4	134.5#

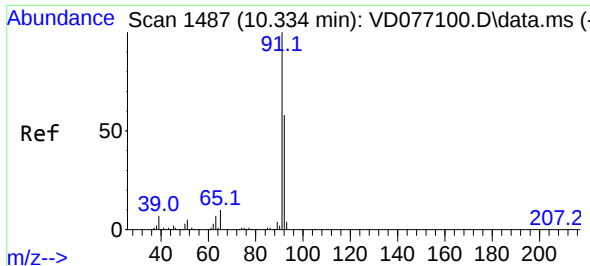


#35
Methylcyclohexane
Concen: 0.293 ug/L
RT: 9.263 min Scan# 1305
Delta R.T. -0.012 min
Lab File: VD077107.D
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Tgt Ion: 83 Resp: 1805

Ion	Ratio	Lower	Upper
83	100		
55	35.5	51.5	77.3#
98	34.7	40.7	61.1#

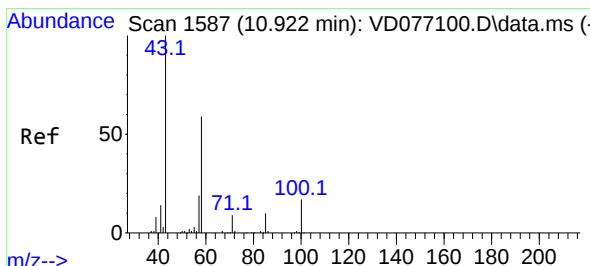
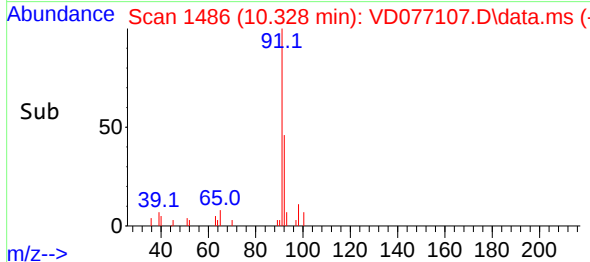
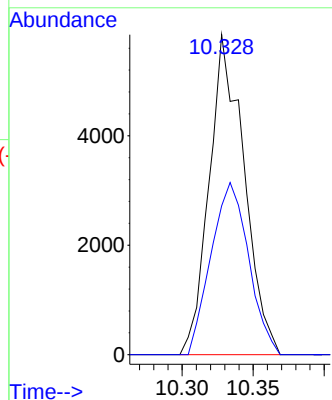
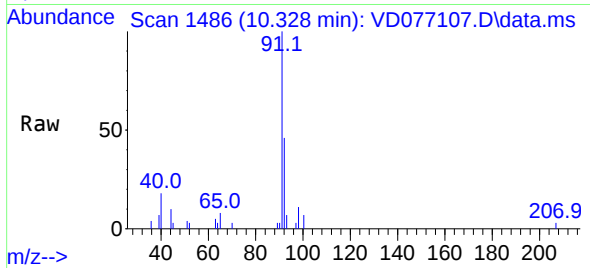




#42
Toluene
Concen: 0.612 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD077107.D
Acq: 13 Sep 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 9978
Ion Ratio Lower Upper
91 100
92 46.5 40.8 75.8



#48
2-Hexanone
Concen: 1.051 ug/L
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD077107.D
Acq: 13 Sep 2023 16:18

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 53.8 50.6 75.8
57 0.0 16.6 24.8#
100 14.5 13.0 19.6

