

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080139.D
 Acq On : 11 Dec 2024 20:44
 Operator : RP/MD
 Sample : P5232-05
 Misc : 4.01G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E28R9

Quant Time: Dec 12 01:01:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:57:48 2024
 Response via : Initial Calibration

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

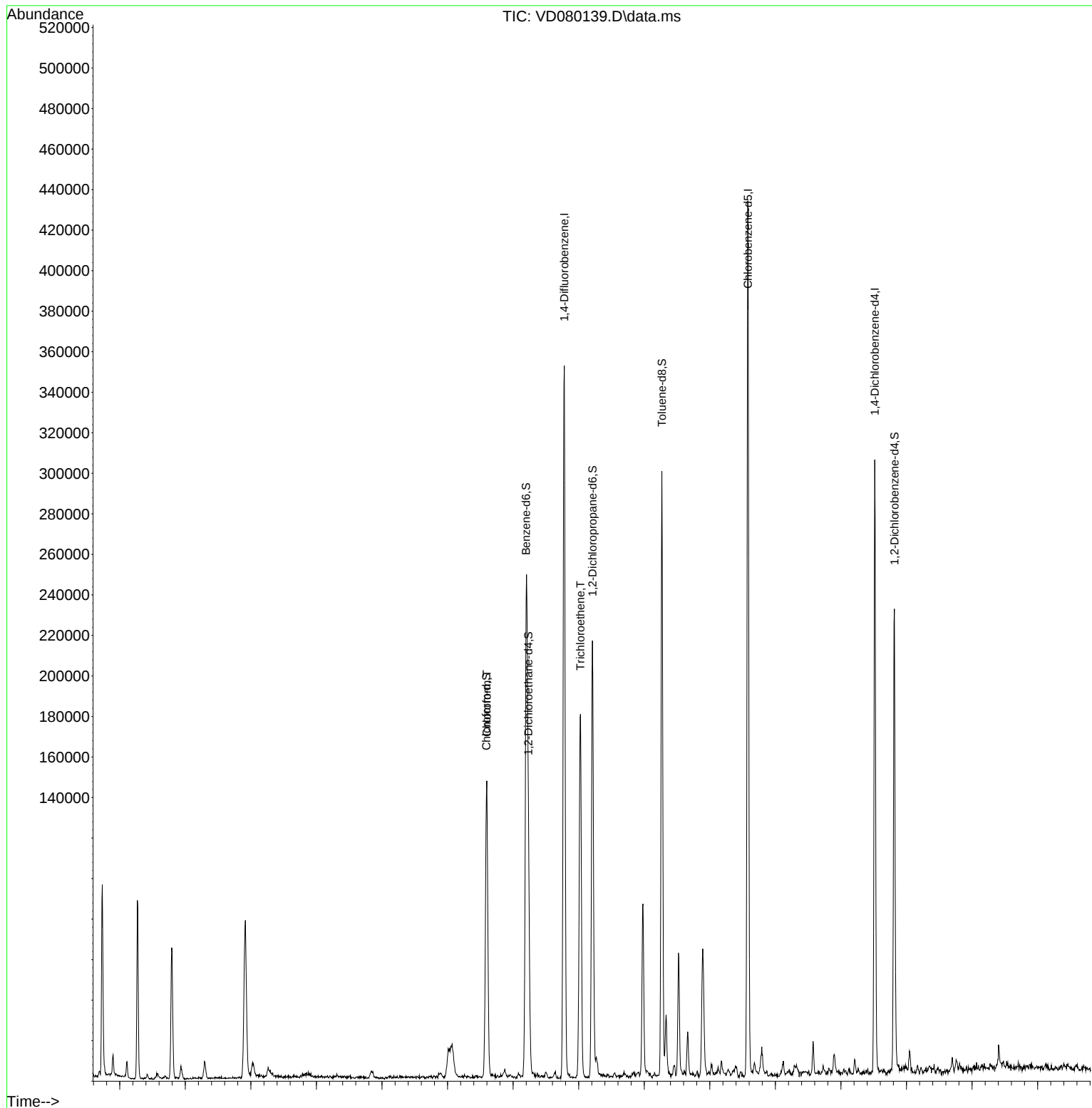
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	318352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	71824	14.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.793	69	72110	15.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.760%
11) 1,1-Dichloroethene-d2	3.905	65	22838	11.727	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.920%
21) 2-Butanone-d5	7.010	46	10845	9.573	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.140%#
24) Chloroform-d	7.593	84	7407	0.843	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	3.360%#
26) 1,2-Dichloroethane-d4	8.234	65	79943	17.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.760%#
32) Benzene-d6	8.199	84	251511	17.573	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.280%
36) 1,2-Dichloropropane-d6	9.210	67	108206	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.269	98	197669	14.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.480%
43) trans-1,3-Dichloroprop...	10.522	79	32268	16.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.880%
47) 2-Hexanone-d5	10.875	63	3779	5.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.280%#
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.000%#
66) 1,2-Dichlorobenzene-d4	13.816	152	64852	21.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						
13) Acetone	4.028	43	11513	5.996	ug/L	77
14) Carbon disulfide	4.263	76	7562	0.484	ug/L #	90
25) Chloroform	7.599	83	146010	13.893	ug/L	99
33) Benzene	8.252	78	10015	0.576	ug/L	100
34) Trichloroethene	9.028	95	52209	11.042	ug/L	98
42) Toluene	10.334	91	20551	1.089	ug/L	98
52) Ethylbenzene	11.681	91	3621	0.193	ug/L #	74
53) m,p-Xylene	11.787	106	2510	0.350	ug/L	96
54) o-Xylene	12.116	106	1360	0.198	ug/L	73
63) 1,2,4-Trimethylbenzene	13.204	105	4024	0.418	ug/L	95

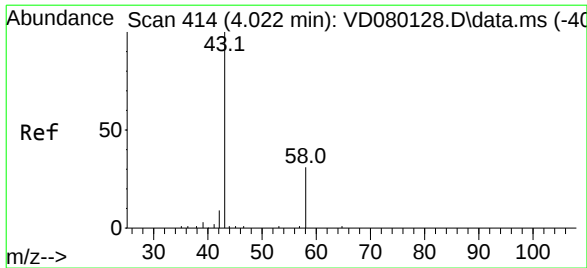
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 5.996 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

ClientSampleId :

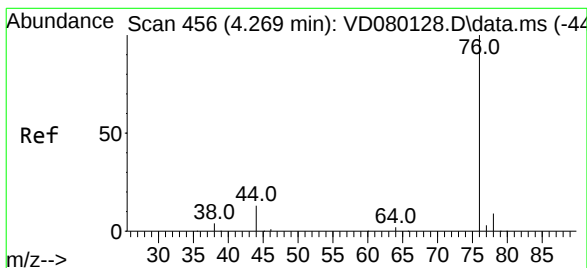
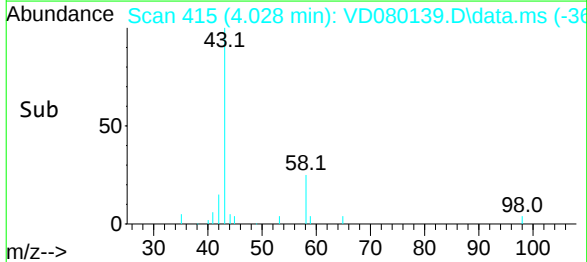
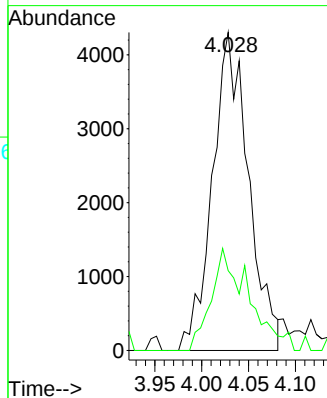
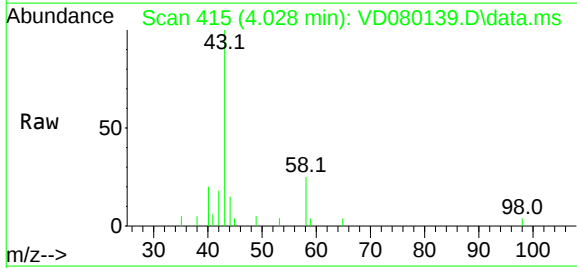
E28R9

Tgt Ion: 43 Resp: 11513

Ion Ratio Lower Upper

43 100

58 21.3 0.0 69.0



#14

Carbon disulfide

Concen: 0.484 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD080139.D

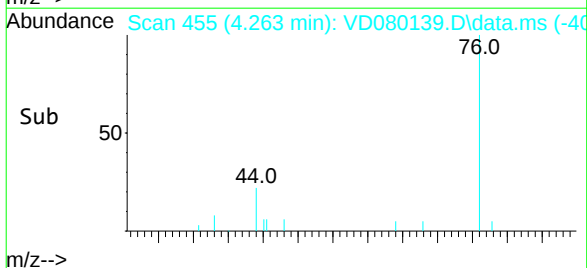
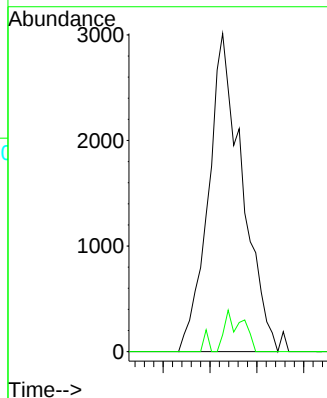
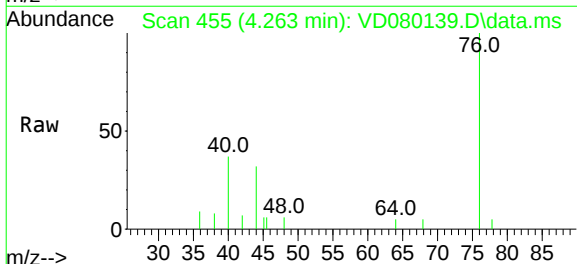
Acq: 11 Dec 2024 20:44

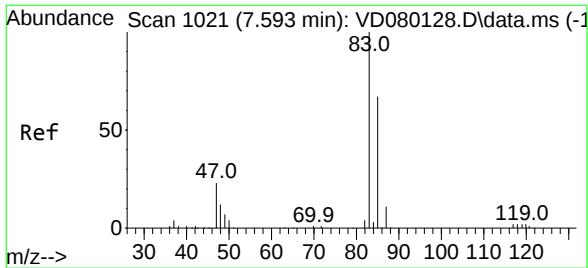
Tgt Ion: 76 Resp: 7562

Ion Ratio Lower Upper

76 100

78 5.3 7.3 10.9#

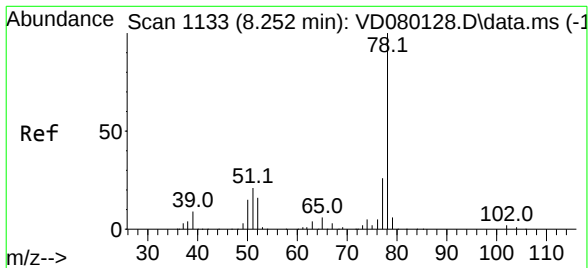
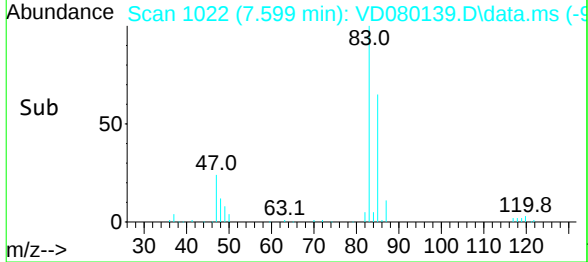
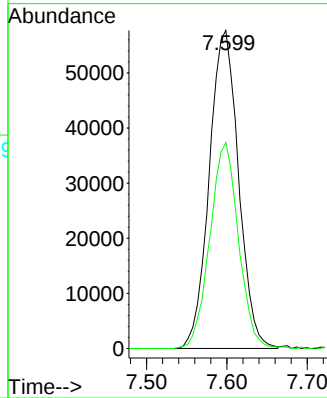
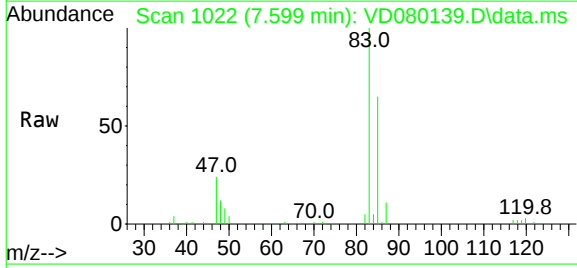




#25
Chloroform
Concen: 13.893 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

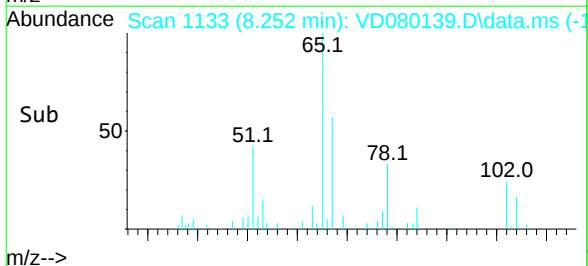
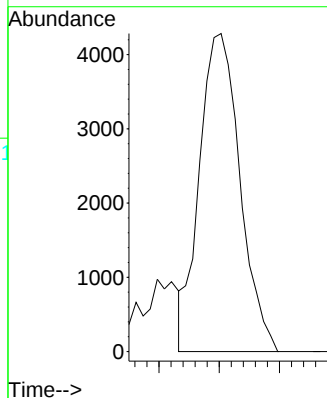
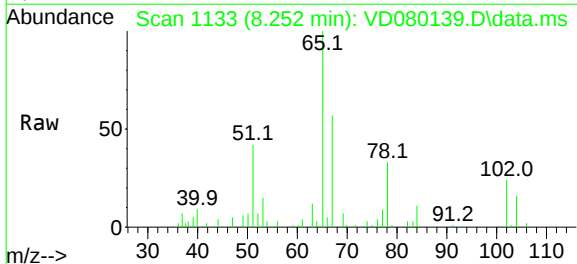
Instrument :
MSVOA_D
ClientSampleId :
E28R9

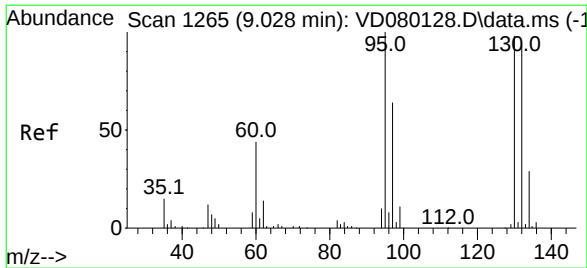
Tgt Ion: 83 Resp: 146010
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6



#33
Benzene
Concen: 0.576 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion: 78 Resp: 10015





#34

Trichloroethene

Concen: 11.042 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080139.D

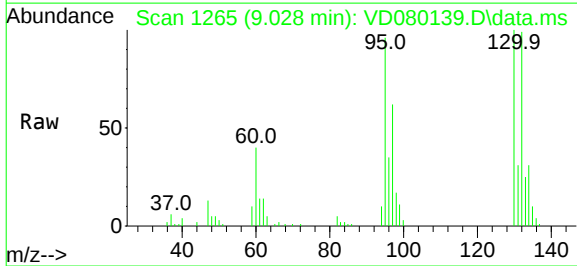
Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

ClientSampleId :

E28R9



Tgt Ion: 95 Resp: 52209

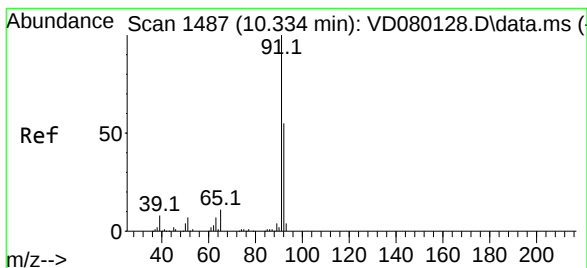
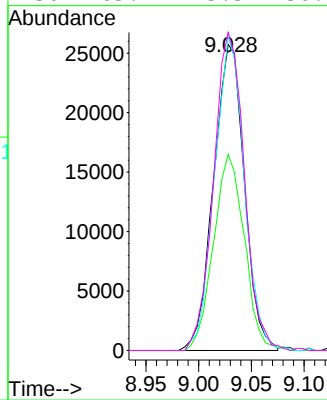
Ion Ratio Lower Upper

95 100

97 64.1 43.7 81.1

132 102.8 69.4 129.0

130 103.9 73.3 136.1



#42

Toluene

Concen: 1.089 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080139.D

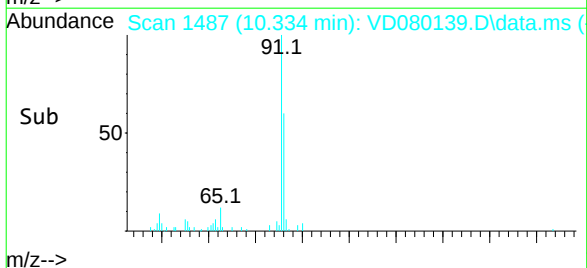
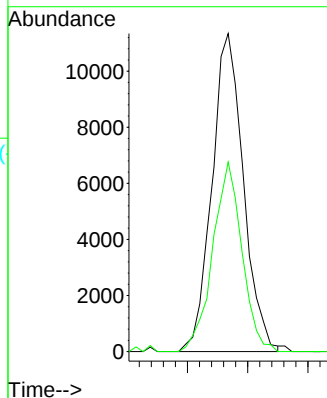
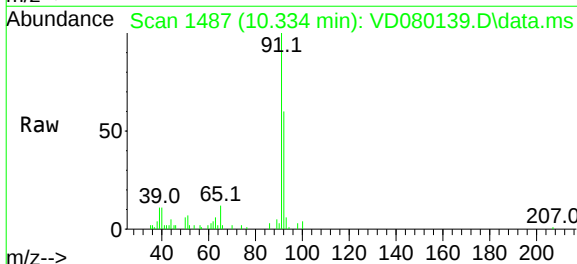
Acq: 11 Dec 2024 20:44

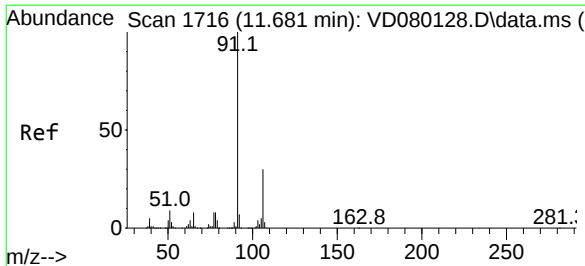
Tgt Ion: 91 Resp: 20551

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8

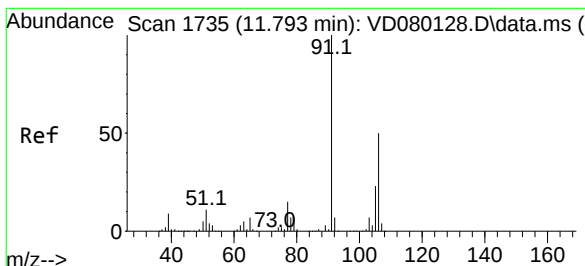
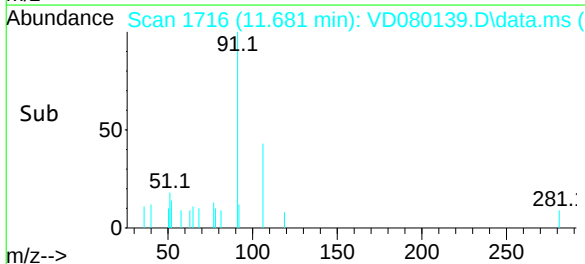
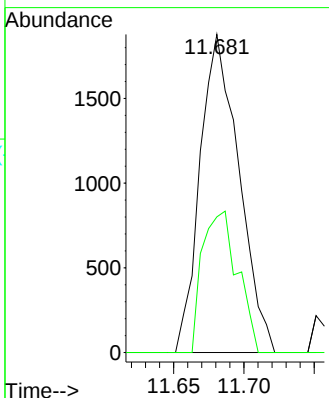
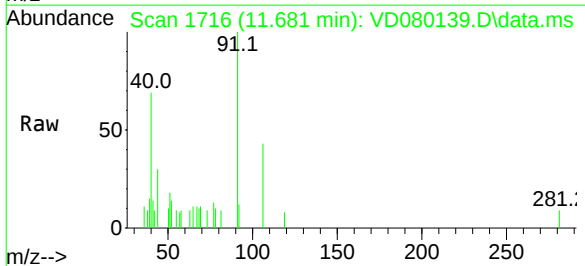




#52
Ethylbenzene
Concen: 0.193 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

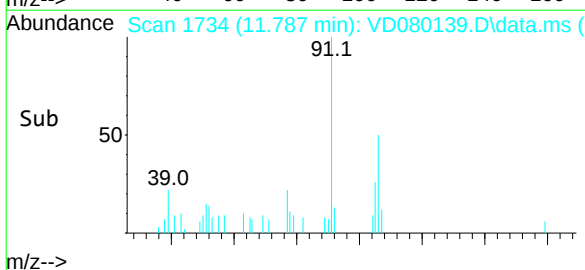
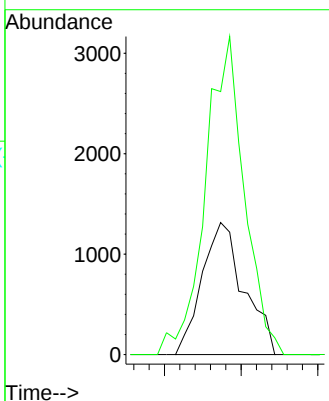
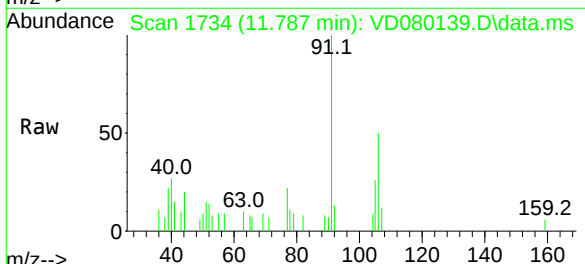
Instrument :
MSVOA_D
ClientSampleId :
E28R9

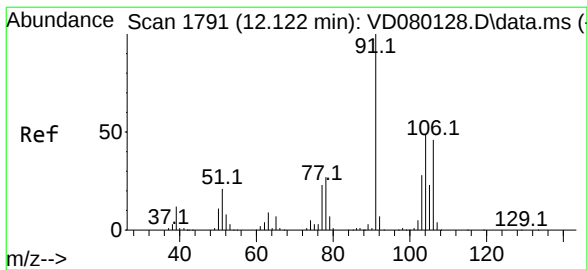
Tgt Ion: 91 Resp: 3621
Ion Ratio Lower Upper
91 100
106 42.7 20.0 37.2#



#53
m,p-Xylene
Concen: 0.350 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion: 106 Resp: 2510
Ion Ratio Lower Upper
106 100
91 199.2 143.5 266.5





#54

o-Xylene

Concen: 0.198 ug/L

RT: 12.116 min Scan# 17

Delta R.T. -0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

ClientSampleId :

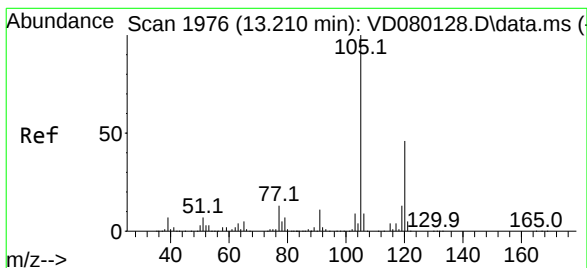
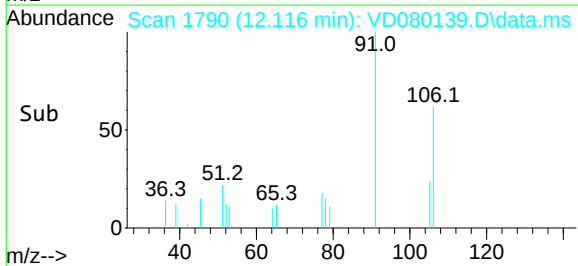
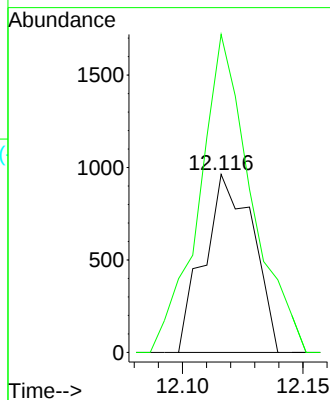
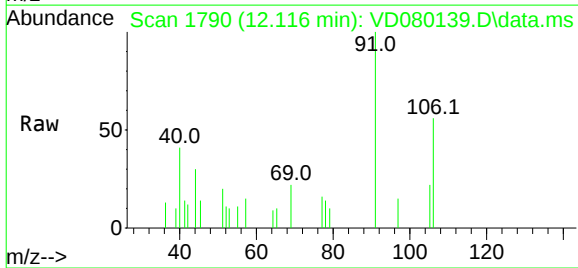
E28R9

Tgt Ion:106 Resp: 1360

Ion Ratio Lower Upper

106 100

91 178.6 155.8 289.4



#63

1,2,4-Trimethylbenzene

Concen: 0.418 ug/L

RT: 13.204 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Tgt Ion:105 Resp: 4024

Ion Ratio Lower Upper

105 100

120 42.2 36.4 54.6

