

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078314.D
 Acq On : 01 Feb 2024 19:26
 Operator : RP/MD
 Sample : P1329-11
 Misc : 5.85G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0FM2

Quant Time: Feb 02 00:41:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

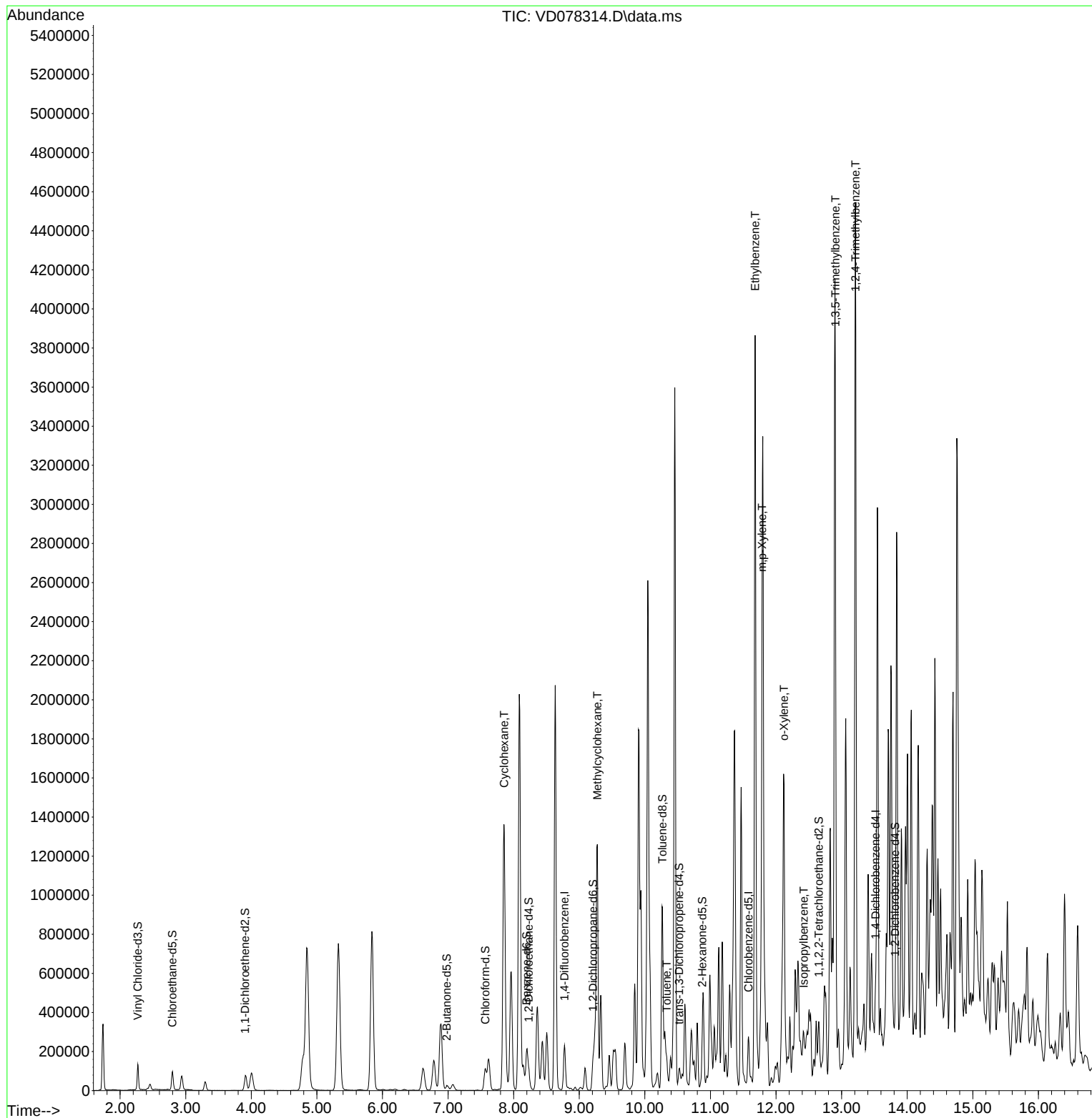
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	167344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	142385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	48357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	111928	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
7) Chloroethane-d5	2.799	69	92918	23.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	3.905	65	21981	21.442	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	6.981	46	36253	51.862	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.720%
24) Chloroform-d	7.569	84	106882	22.401	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.228	65	62619	24.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.199	84	224791	27.000	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	9.210	67	74967	29.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.000%
41) Toluene-d8	10.269	98	225414	30.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.560%
43) trans-1,3-Dichloroprop...	10.522	79	32835	28.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.760%
47) 2-Hexanone-d5	10.875	63	36251	69.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.420%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61312	25.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	38577	22.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						Qvalue
29) Cyclohexane	7.857	56	325653	101.176	ug/L	# 59
35) Methylcyclohexane	9.275	83	499541	131.741	ug/L	91
42) Toluene	10.334	91	112638	11.284	ug/L	96
52) Ethylbenzene	11.681	91	2571319	239.791	ug/L	98
53) m,p-Xylene	11.787	106	485055	117.700	ug/L	95
54) o-Xylene	12.122	106	385405	96.980	ug/L	98
60) Isopropylbenzene	12.422	105	119279	16.324	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1266574	221.608	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	2311460	408.314	ug/L	100

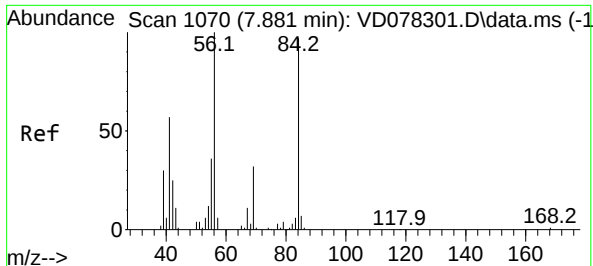
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078314\
Data File : VD078314.D
Acq On : 01 Feb 2024 19:26
Operator : RP/MD
Sample : P1329-11
Misc : 5.85G/10ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0FM2

Quant Time: Feb 02 00:41:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration





#29

Cyclohexane

Concen: 101.176 ug/L

RT: 7.857 min Scan# 1066

Delta R.T. -0.024 min

Lab File: VD078314.D

Acq: 01 Feb 2024 19:26

Instrument :

MSVOA_D

ClientSampleId :

C0FM2

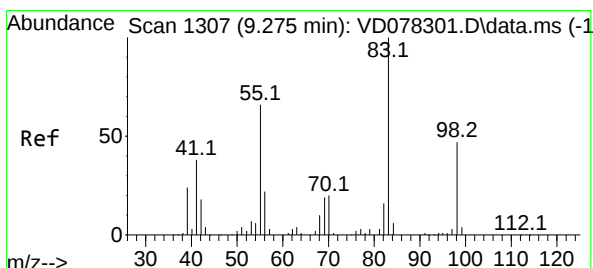
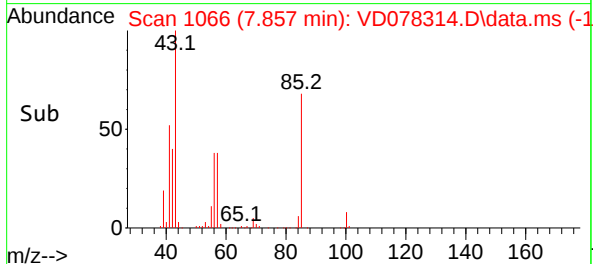
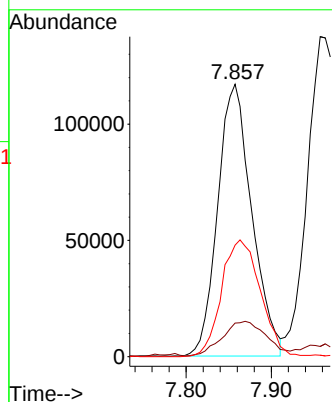
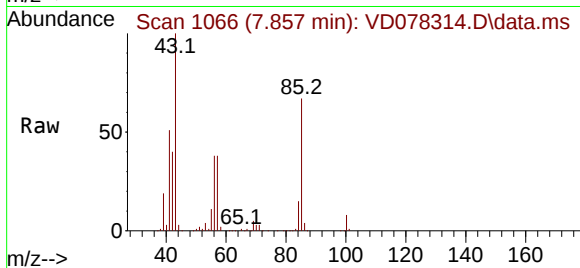
Tgt Ion: 56 Resp: 325653

Ion Ratio Lower Upper

56 100

69 16.3 23.3 34.9#

84 49.0 74.7 112.1#



#35

Methylcyclohexane

Concen: 131.741 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078314.D

Acq: 01 Feb 2024 19:26

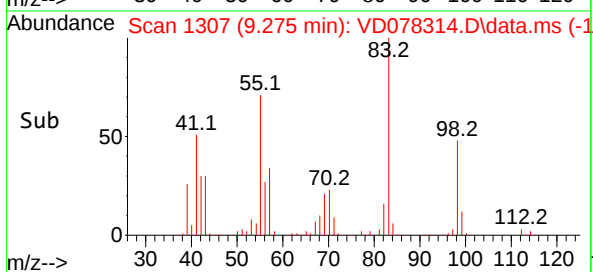
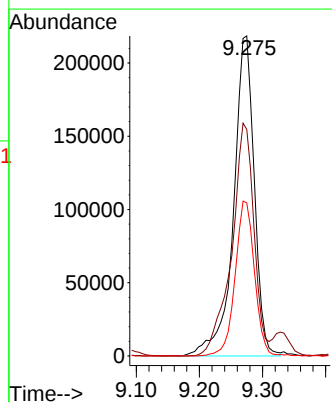
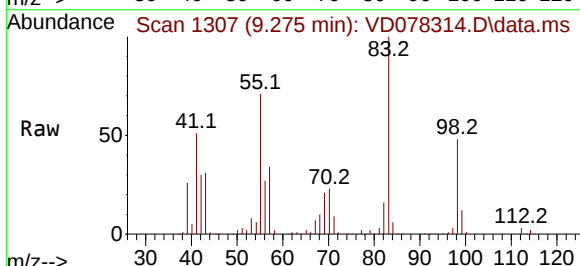
Tgt Ion: 83 Resp: 499541

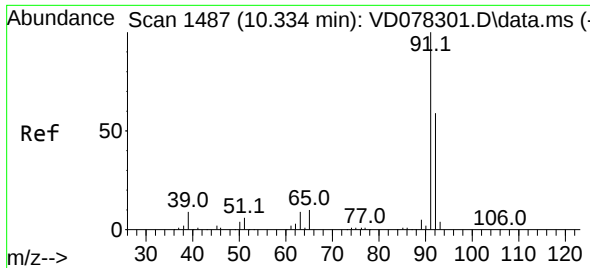
Ion Ratio Lower Upper

83 100

55 78.4 56.2 84.4

98 45.3 41.2 61.8

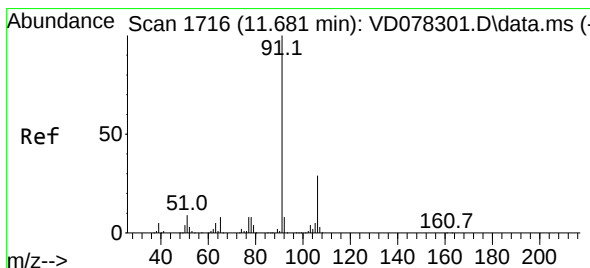
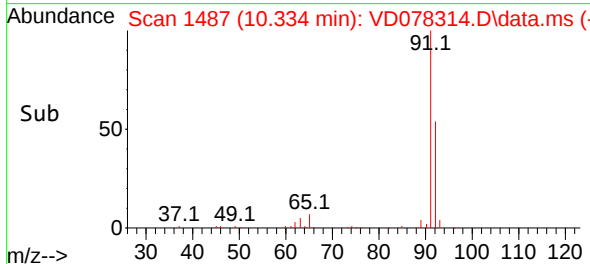
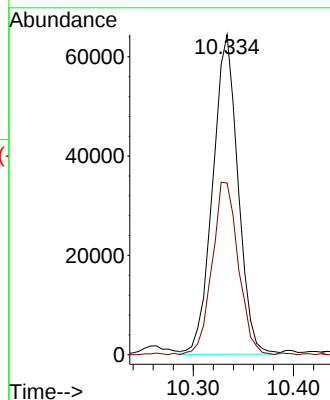
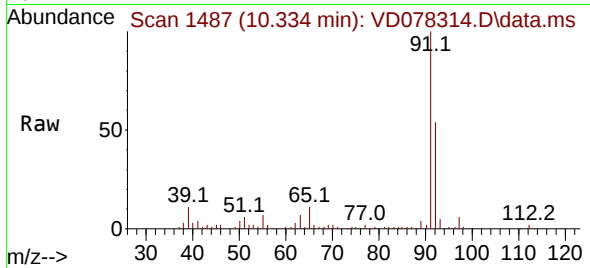




#42
Toluene
Concen: 11.284 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078314.D
Acq: 01 Feb 2024 19:26

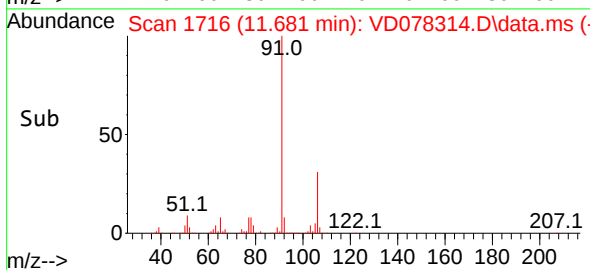
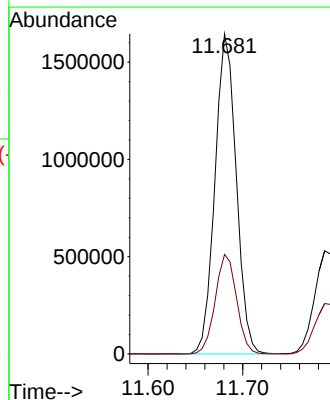
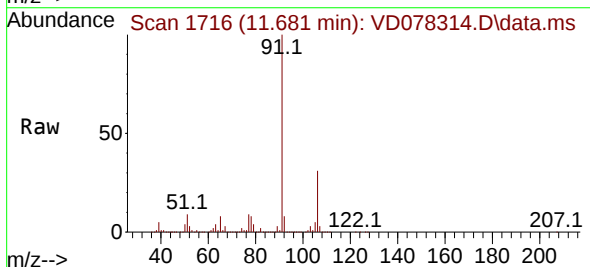
Instrument :
MSVOA_D
ClientSampleId :
C0FM2

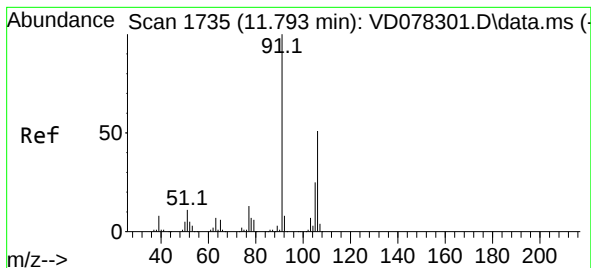
Tgt Ion: 91 Resp: 112638
Ion Ratio Lower Upper
91 100
92 53.7 39.5 73.4



#52
Ethylbenzene
Concen: 239.791 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078314.D
Acq: 01 Feb 2024 19:26

Tgt Ion: 91 Resp: 2571319
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.7





#53

m,p-Xylene

Concen: 117.700 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD078314.D

Acq: 01 Feb 2024 19:26

Instrument :

MSVOA_D

ClientSampleId :

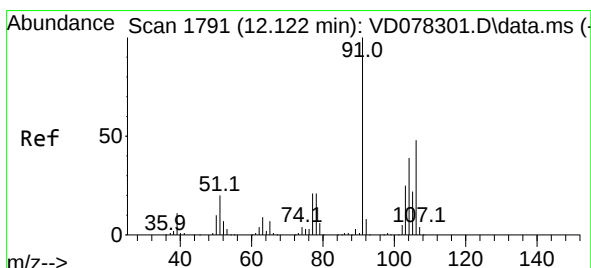
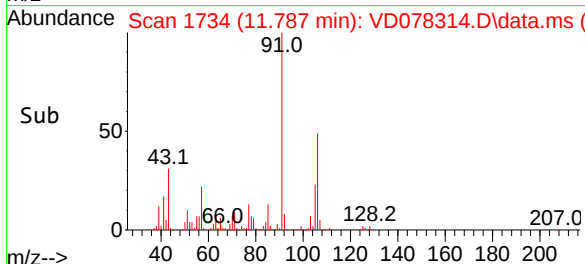
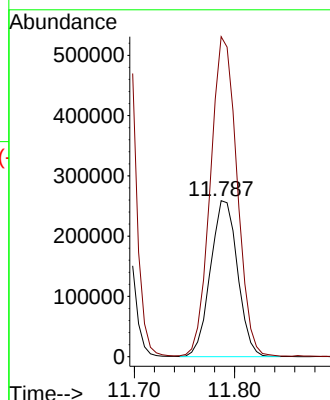
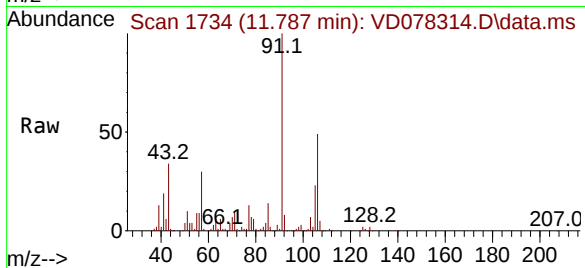
C0FM2

Tgt Ion:106 Resp: 485055

Ion Ratio Lower Upper

106 100

91 205.1 138.3 256.8



#54

o-Xylene

Concen: 96.980 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078314.D

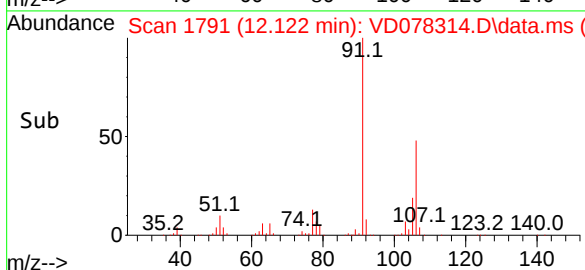
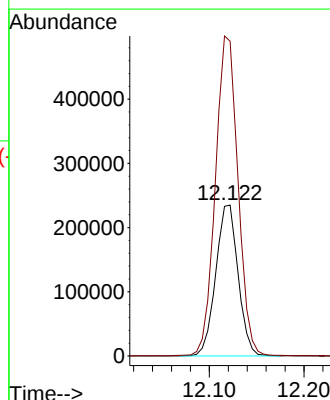
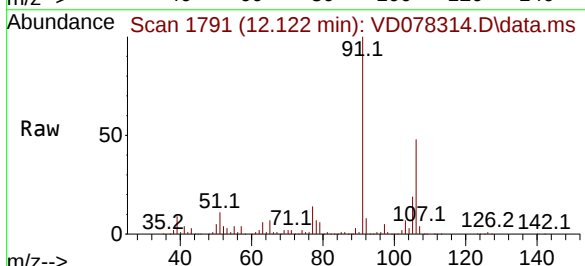
Acq: 01 Feb 2024 19:26

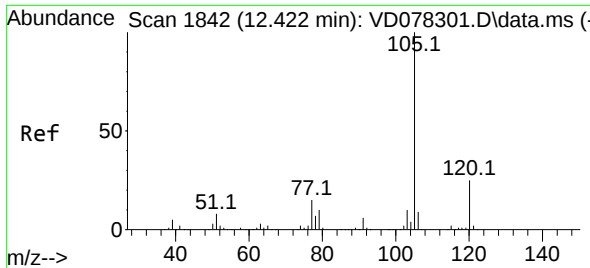
Tgt Ion:106 Resp: 385405

Ion Ratio Lower Upper

106 100

91 208.6 148.0 274.8

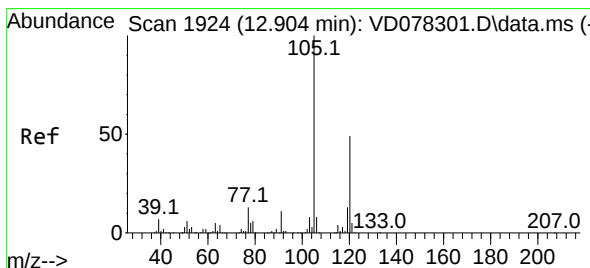
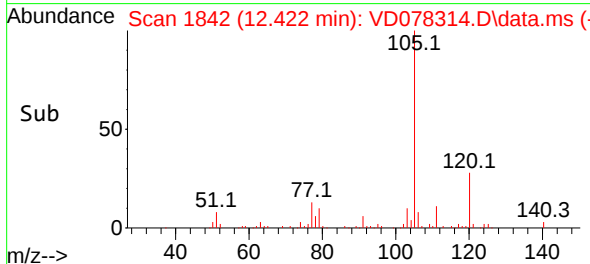
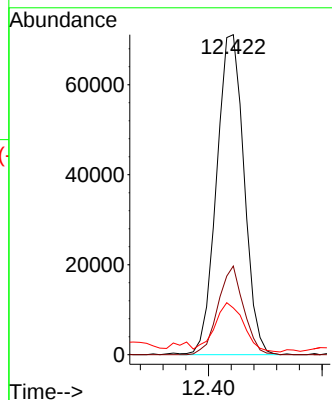
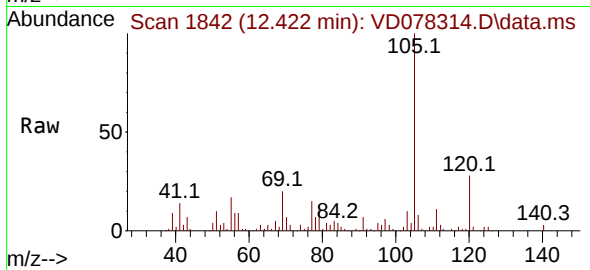




#60
Isopropylbenzene
Concen: 16.324 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078314.D
Acq: 01 Feb 2024 19:26

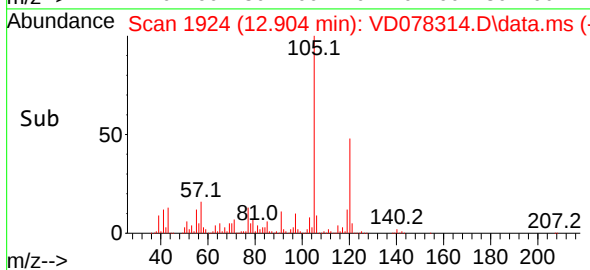
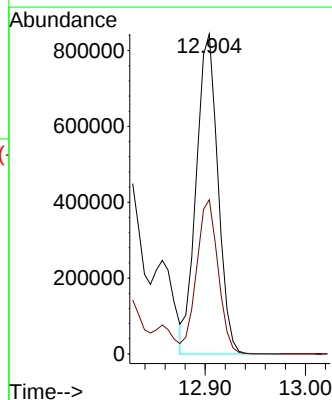
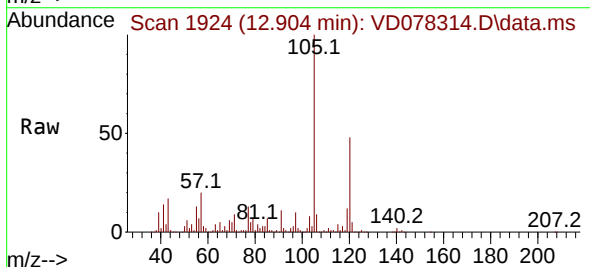
Instrument :
MSVOA_D
ClientSampleId :
C0FM2

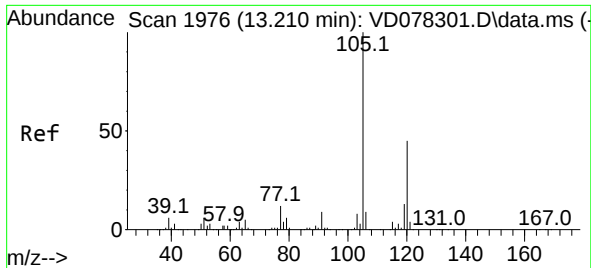
Tgt Ion:105 Resp: 119279
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 16.3 12.4 18.6



#62
1,3,5-Trimethylbenzene
Concen: 221.608 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078314.D
Acq: 01 Feb 2024 19:26

Tgt Ion:105 Resp: 1266574
Ion Ratio Lower Upper
105 100
120 48.1 39.5 59.3





#63
 1,2,4-Trimethylbenzene
 Concen: 408.314 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078314.D
 Acq: 01 Feb 2024 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 C0FM2

Tgt Ion:105 Resp: 2311460
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.0 55.4

