

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077197.D
 Acq On : 22 Sep 2023 12:51
 Operator : JC/SY
 Sample : 04527-04
 Misc : 6.03G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 23:43:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

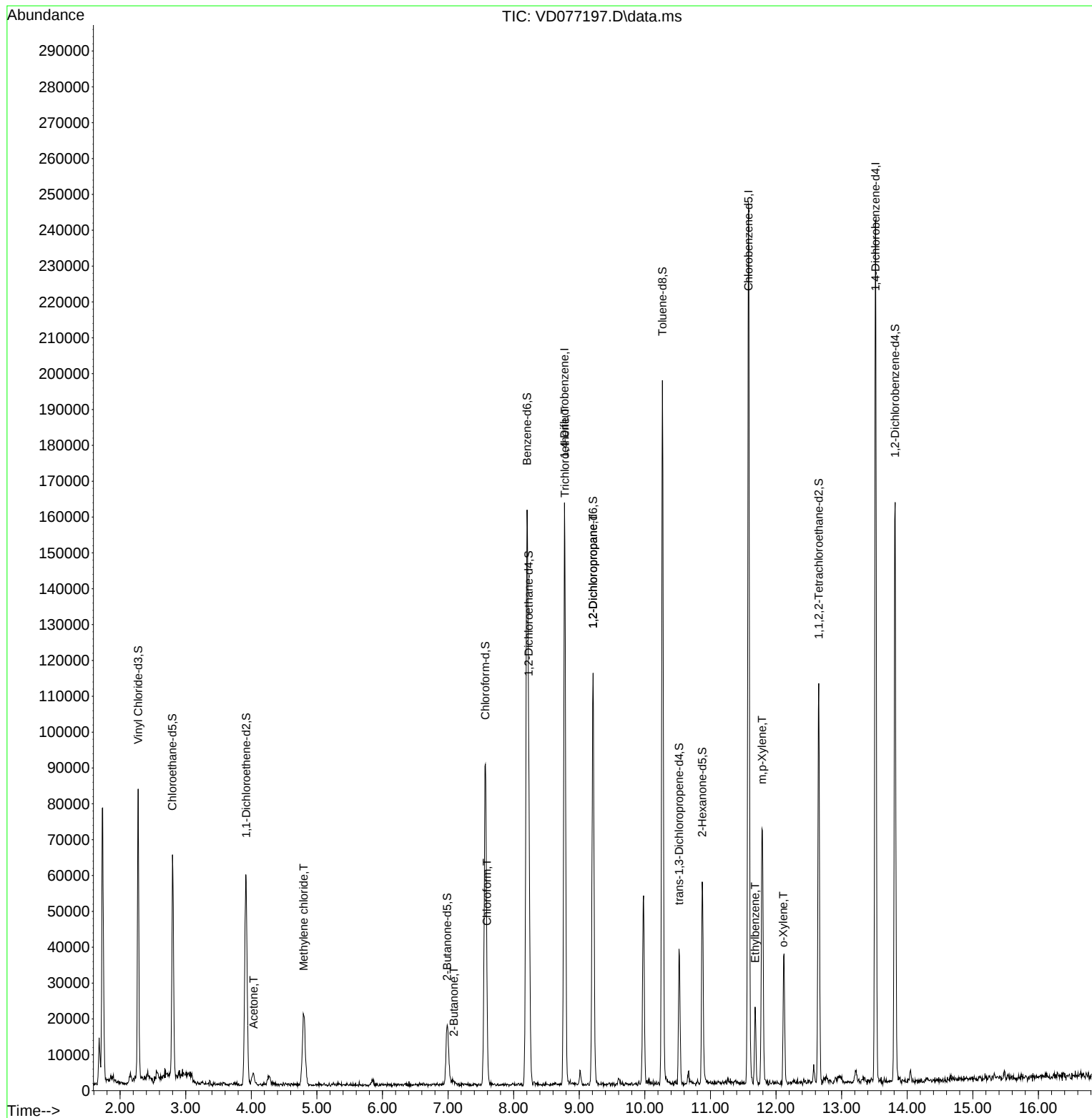
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	145378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	148520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	72415	20.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.880%
7) Chloroethane-d5	2.799	69	63133	21.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.720%
11) 1,1-Dichloroethene-d2	3.922	65	16114	19.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.200%
21) 2-Butanone-d5	6.987	46	30271	67.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.160%
24) Chloroform-d	7.569	84	94568	23.773	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.228	65	52260	27.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.880%
32) Benzene-d6	8.204	84	174366	21.256	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.040%
36) 1,2-Dichloropropane-d6	9.210	67	58745	24.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.269	98	138454	18.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.760%
43) trans-1,3-Dichloroprop...	10.522	79	22011	20.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.160%
47) 2-Hexanone-d5	10.875	63	20549	54.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57652	27.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	44279	20.847	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.400%
Target Compounds					Qvalue	
13) Acetone	4.034	43	5498	8.493	ug/L	67
16) Methylene chloride	4.799	84	9949	3.363	ug/L	94
22) 2-Butanone	7.087	43	1135	1.453	ug/L #	43
25) Chloroform	7.593	83	1657	0.414	ug/L #	66
34) Trichloroethene	8.781	95	3579	1.513	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	6484	2.881	ug/L #	85
52) Ethylbenzene	11.681	91	14578	1.394	ug/L	91
53) m,p-Xylene	11.787	106	24213	5.996	ug/L	95
54) o-Xylene	12.110	106	5049	1.295	ug/L	66

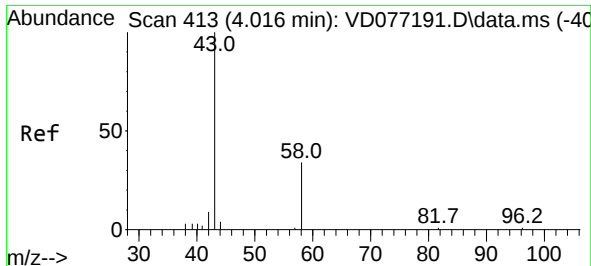
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 8.493 ug/L

RT: 4.034 min Scan# 413

Delta R.T. 0.018 min

Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

Instrument :

MSVOA_D

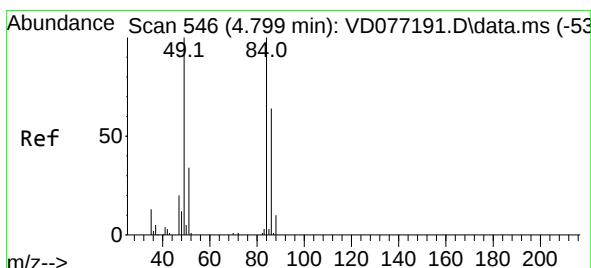
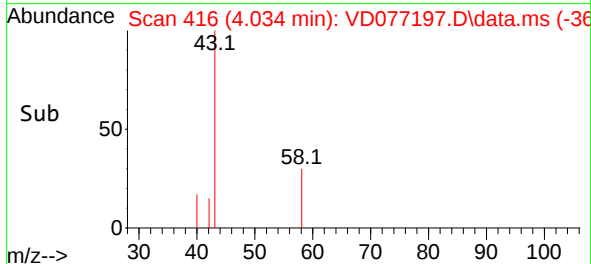
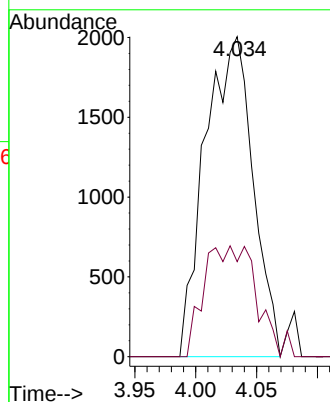
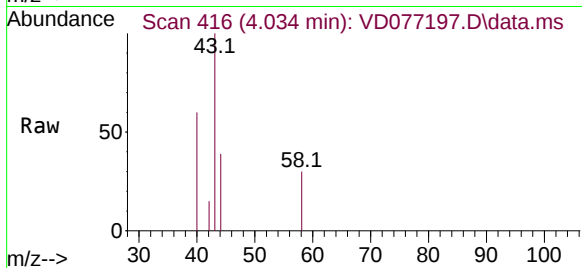
ClientSampleId :

Tgt Ion: 43 Resp: 5498

Ion Ratio Lower Upper

43 100

58 16.2 0.0 71.8



#16

Methylene chloride

Concen: 3.363 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

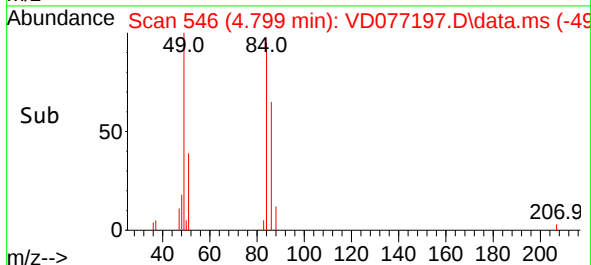
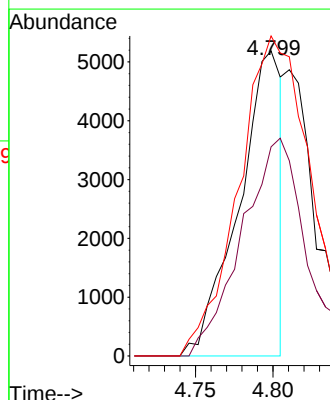
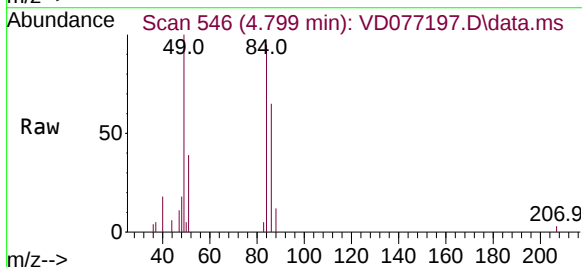
Tgt Ion: 84 Resp: 9949

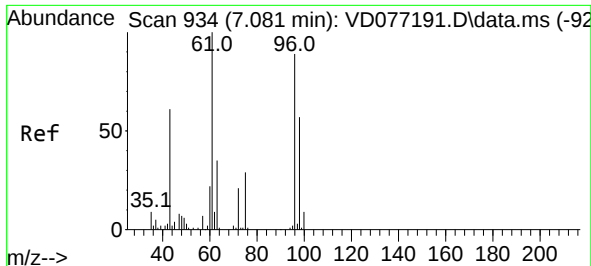
Ion Ratio Lower Upper

84 100

86 68.6 45.3 84.1

49 105.0 69.2 128.6





#22

2-Butanone

Concen: 1.453 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

Instrument :

MSVOA_D

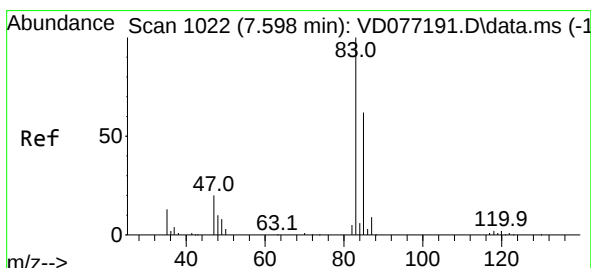
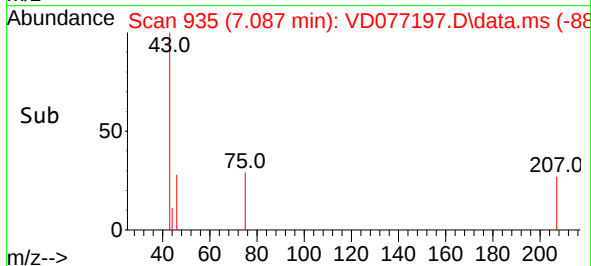
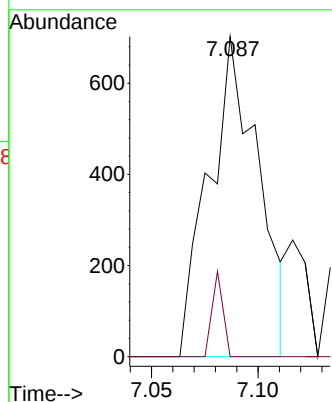
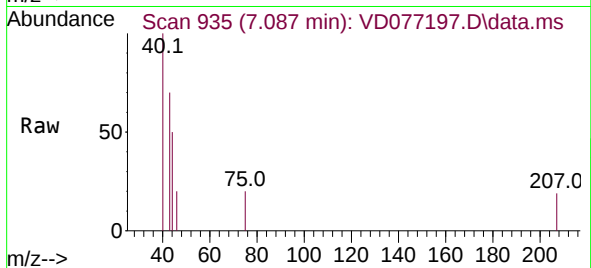
ClientSampleId :

Tgt Ion: 43 Resp: 1135

Ion Ratio Lower Upper

43 100

72 0.0 16.0 48.0#



#25

Chloroform

Concen: 0.414 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077197.D

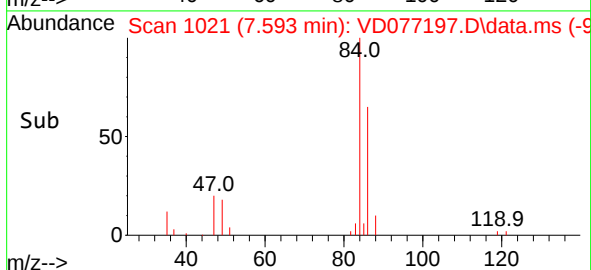
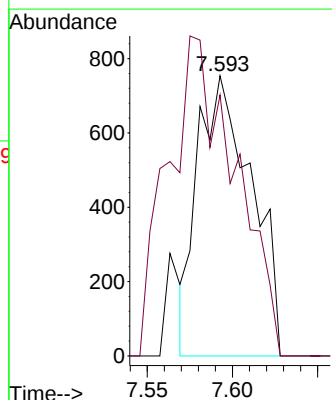
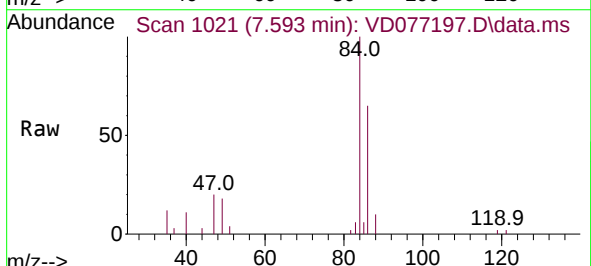
Acq: 22 Sep 2023 12:51

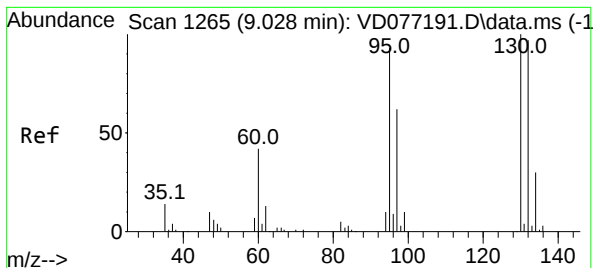
Tgt Ion: 83 Resp: 1657

Ion Ratio Lower Upper

83 100

85 93.1 46.2 85.8#





#34

Trichloroethene

Concen: 1.513 ug/L

RT: 8.781 min Scan# 1296

Delta R.T. -0.247 min

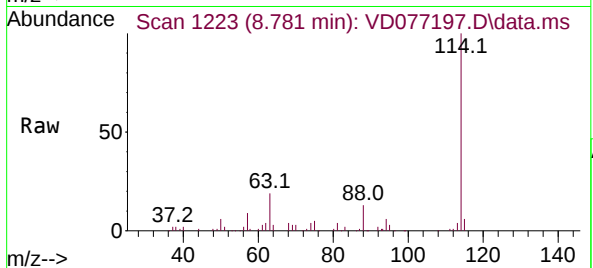
Lab File: VD077197.D

Acq: 22 Sep 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 3579

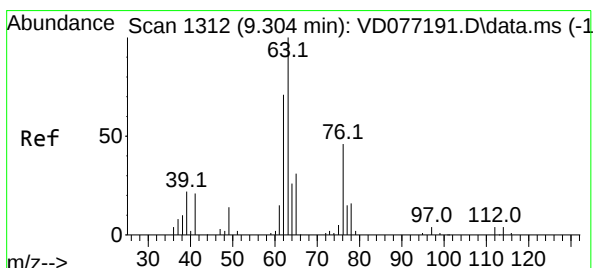
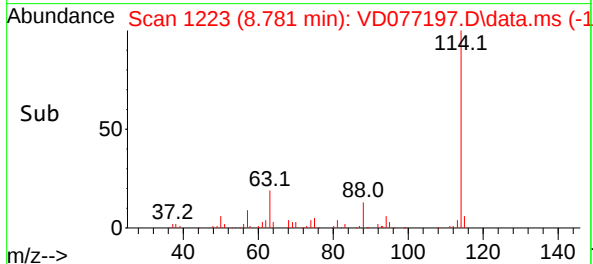
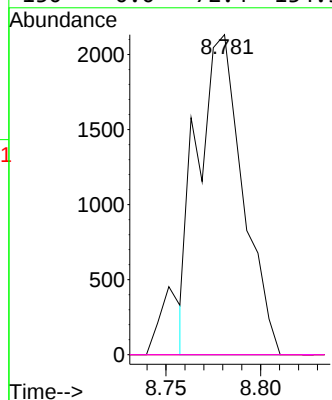
Ion Ratio Lower Upper

95 100

97 0.0 46.4 86.2#

132 0.0 70.1 130.1#

130 0.0 72.4 134.5#



#37

1,2-Dichloropropane

Concen: 2.881 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD077197.D

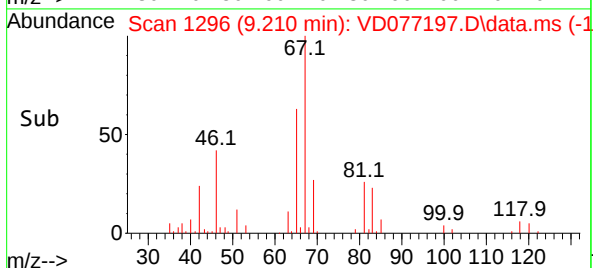
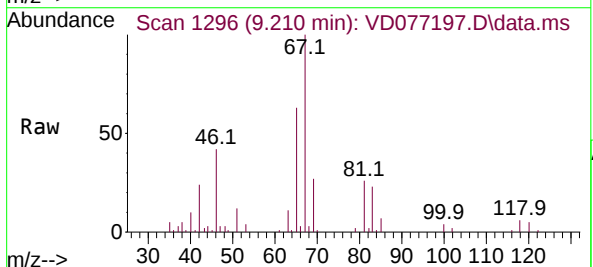
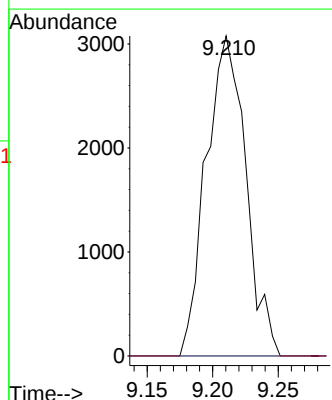
Acq: 22 Sep 2023 12:51

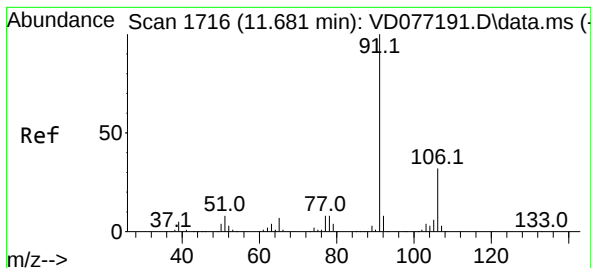
Tgt Ion: 63 Resp: 6484

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

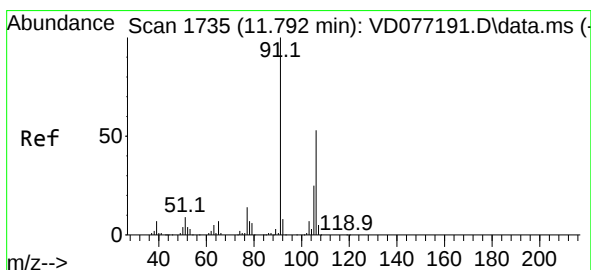
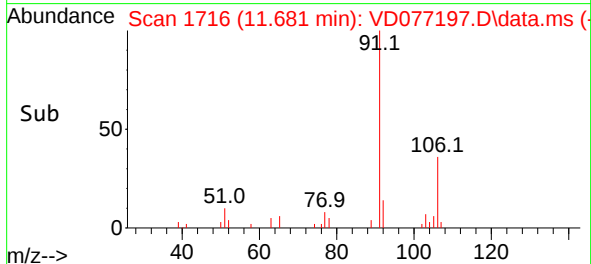
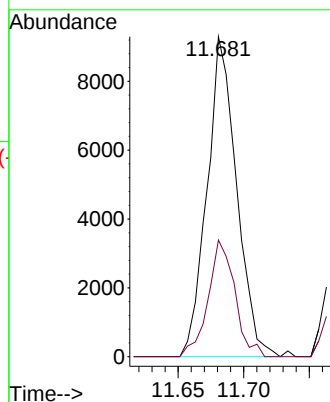
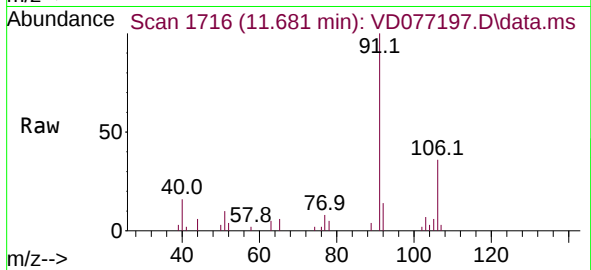




#52
Ethylbenzene
Concen: 1.394 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

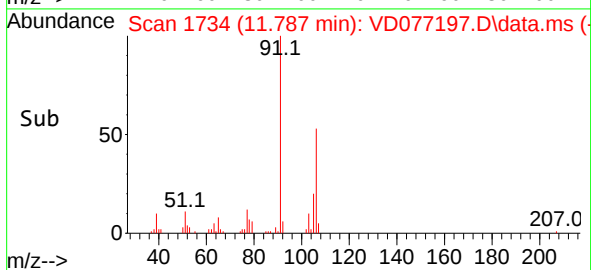
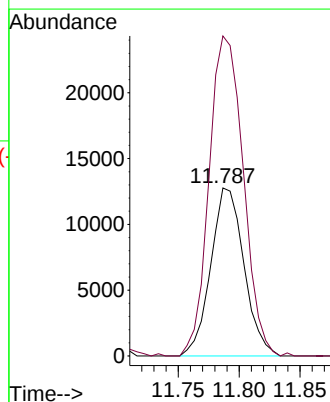
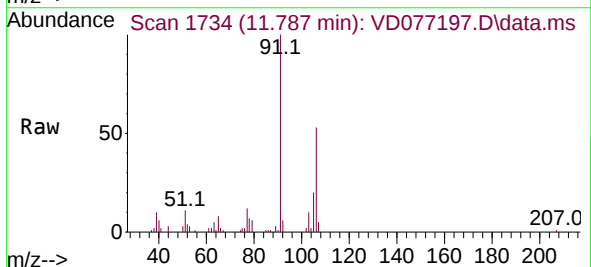
Instrument :
MSVOA_D
ClientSampleId :

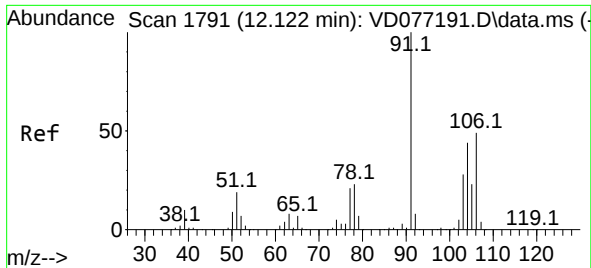
Tgt Ion: 91 Resp: 14578
Ion Ratio Lower Upper
91 100
106 36.4 22.1 41.1



#53
m,p-Xylene
Concen: 5.996 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077197.D
Acq: 22 Sep 2023 12:51

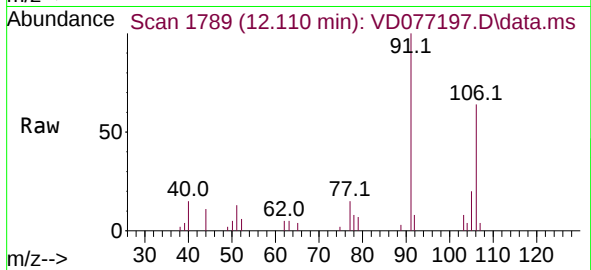
Tgt Ion: 106 Resp: 24213
Ion Ratio Lower Upper
106 100
91 190.4 138.2 256.6





#54
 o-Xylene
 Concen: 1.295 ug/L
 RT: 12.110 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VD077197.D
 Acq: 22 Sep 2023 12:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:106 Resp: 5049
 Ion Ratio Lower Upper
 106 100
 91 156.5 146.9 272.7

