

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075841.D
 Acq On : 26 Apr 2023 18:11
 Operator : KP/SY
 Sample : 02419-16
 Misc : 4.61G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW929

Quant Time: Apr 27 02:05:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

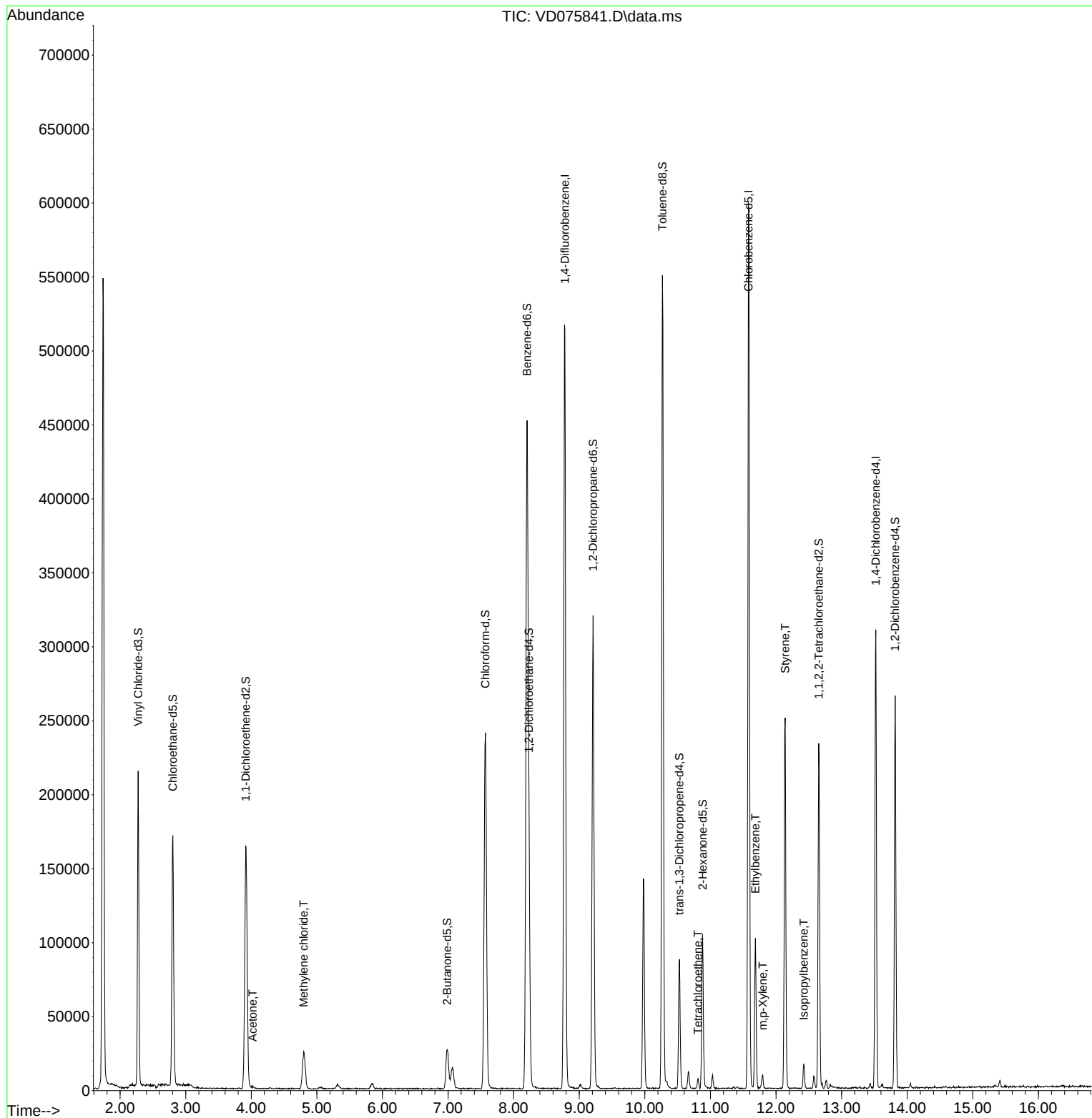
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	512795	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	386945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	92492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	200910	17.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
7) Chloroethane-d5	2.805	69	187685	19.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
11) 1,1-Dichloroethene-d2	3.916	65	44065	16.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.960%
21) 2-Butanone-d5	6.987	46	47183	48.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.620%
24) Chloroform-d	7.569	84	272218	21.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	8.234	65	115576	21.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.440%
32) Benzene-d6	8.204	84	528399	23.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.210	67	164789	26.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.600%
41) Toluene-d8	10.269	98	415101	19.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.640%
43) trans-1,3-Dichloroprop...	10.528	79	52744	20.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.760%
47) 2-Hexanone-d5	10.881	63	38405	51.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	123390	25.831	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	76858	23.493	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.960%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	1504	1.800	ug/L	82
16) Methylene chloride	4.799	84	22196	2.134	ug/L	94
46) Tetrachloroethene	10.810	164	1644	0.331	ug/L	83
52) Ethylbenzene	11.687	91	75927	2.923	ug/L	95
53) m,p-Xylene	11.798	106	3287	0.318	ug/L	77
55) Styrene	12.140	104	145711	8.523	ug/L	96
60) Isopropylbenzene	12.422	105	9802	0.799	ug/L #	97

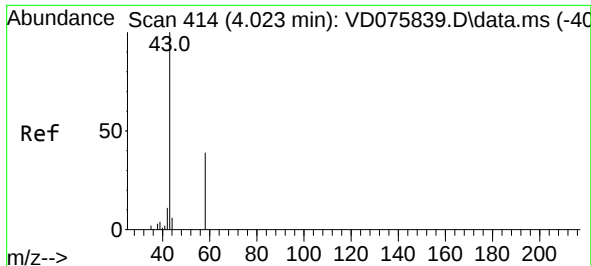
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.800 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075841.D

Acq: 26 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

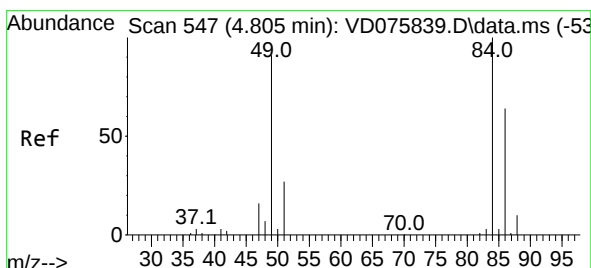
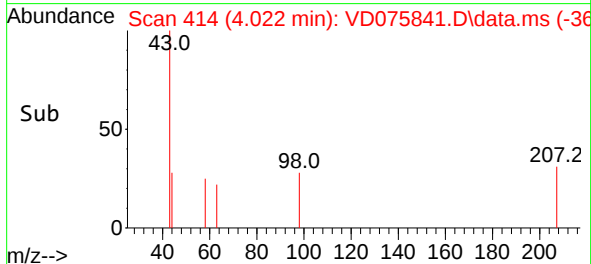
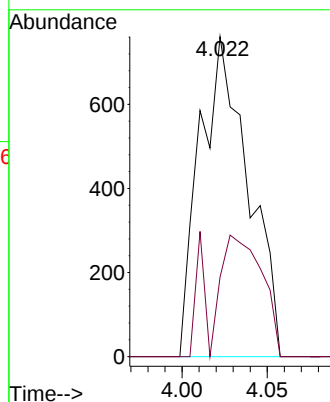
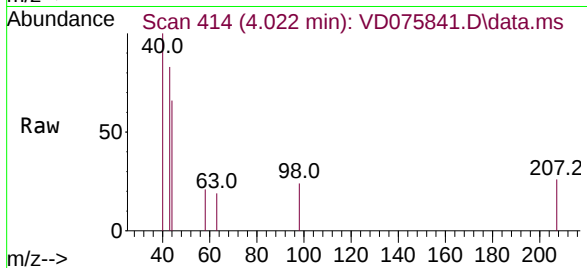
EW929

Tgt Ion: 43 Resp: 1504

Ion Ratio Lower Upper

43 100

58 32.2 0.0 87.4



#16

Methylene chloride

Concen: 2.134 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075841.D

Acq: 26 Apr 2023 18:11

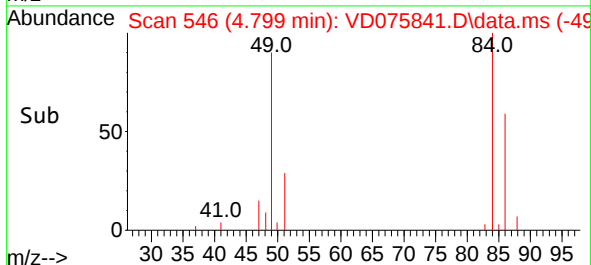
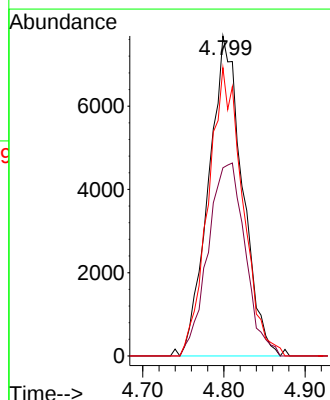
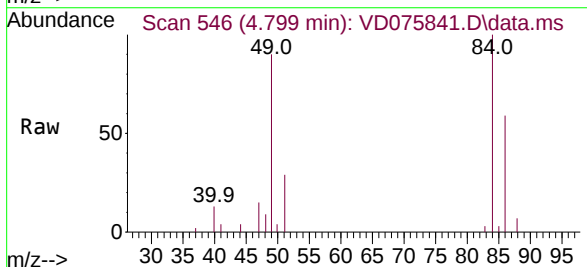
Tgt Ion: 84 Resp: 22196

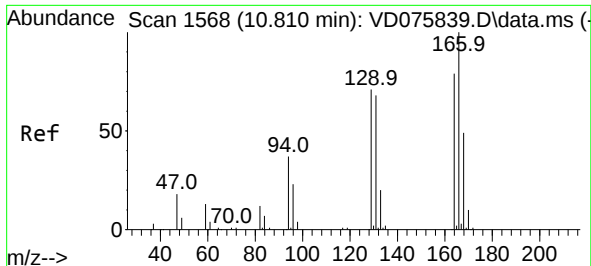
Ion Ratio Lower Upper

84 100

86 58.8 45.8 85.2

49 90.1 60.8 112.8

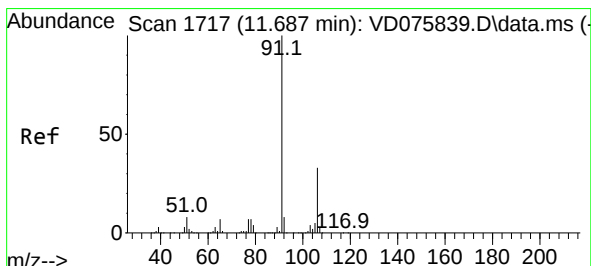
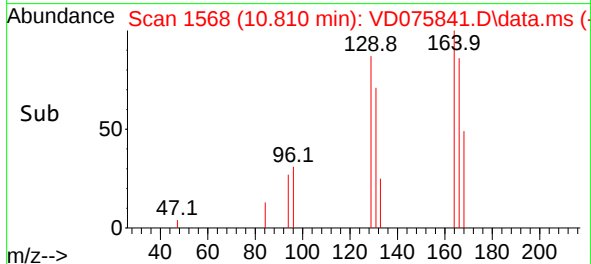
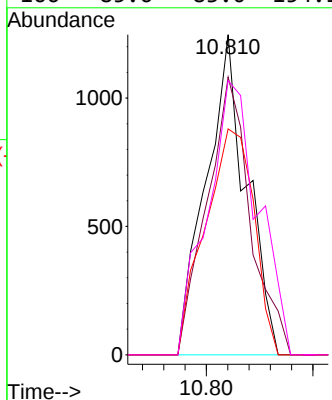
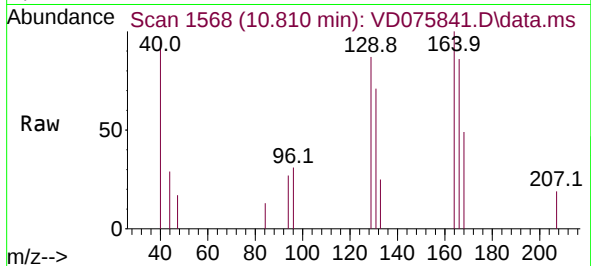




#46
Tetrachloroethene
Concen: 0.331 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075841.D
Acq: 26 Apr 2023 18:11

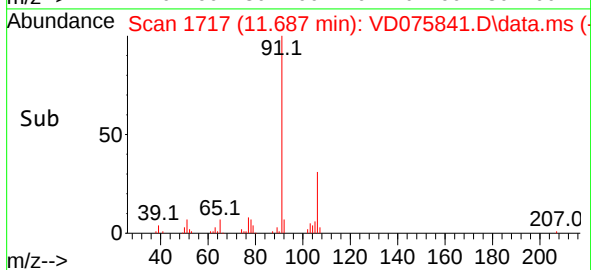
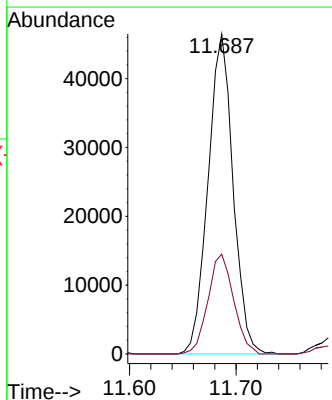
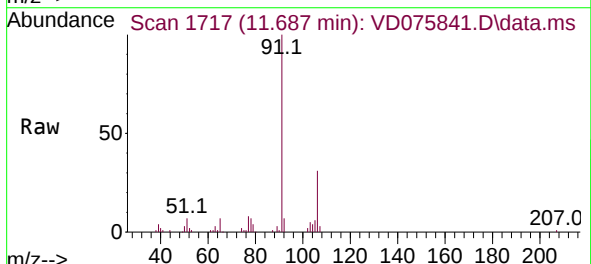
Instrument :
MSVOA_D
ClientSampleId :
EW929

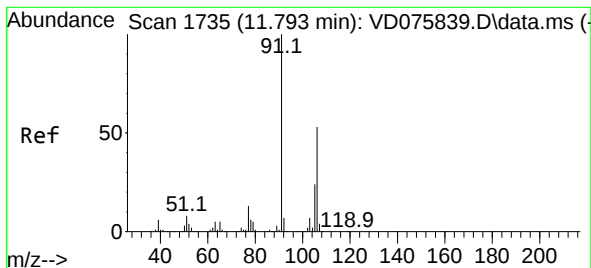
Tgt Ion:164	Resp:	1644
Ion	Ratio	Lower Upper
164	100	
129	86.8	60.3 112.1
131	70.6	58.9 109.3
166	85.6	83.0 154.1



#52
Ethylbenzene
Concen: 2.923 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075841.D
Acq: 26 Apr 2023 18:11

Tgt Ion: 91	Resp:	75927
Ion	Ratio	Lower Upper
91	100	
106	31.2	23.7 43.9





#53

m,p-Xylene

Concen: 0.318 ug/L

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD075841.D

Acq: 26 Apr 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

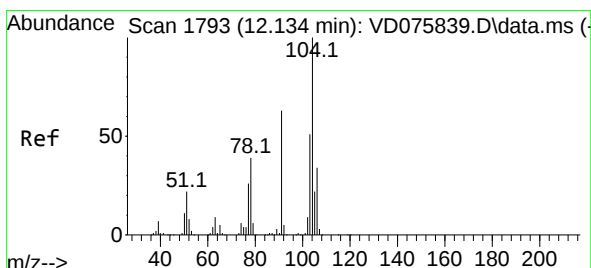
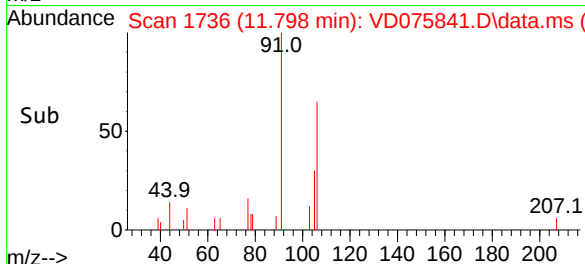
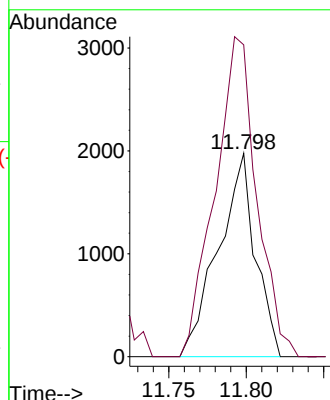
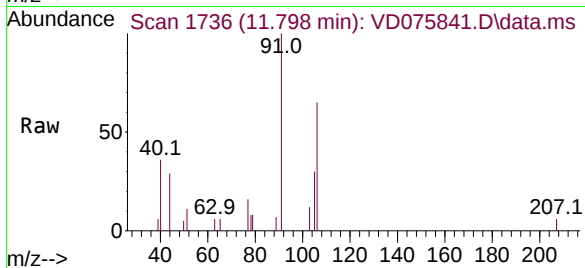
EW929

Tgt Ion:106 Resp: 3287

Ion Ratio Lower Upper

106 100

91 153.4 130.9 243.1



#55

Styrene

Concen: 8.523 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD075841.D

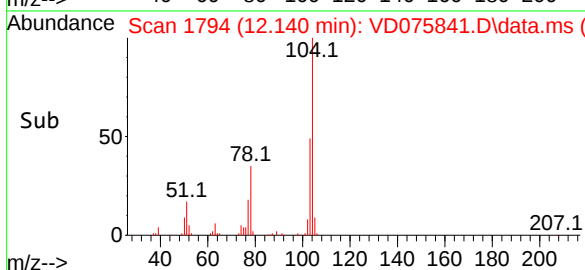
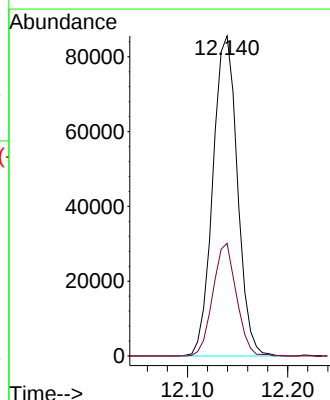
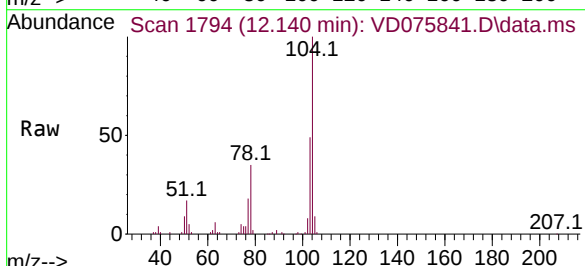
Acq: 26 Apr 2023 18:11

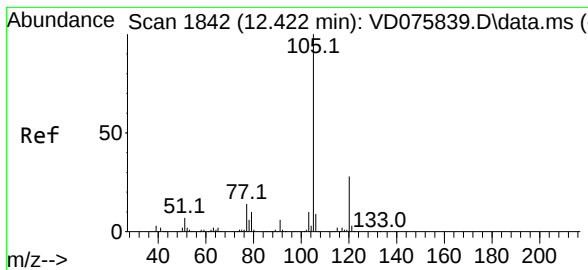
Tgt Ion:104 Resp: 145711

Ion Ratio Lower Upper

104 100

78 35.2 26.2 48.6





#60
 Isopropylbenzene
 Concen: 0.799 ug/L
 RT: 12.422 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075841.D
 Acq: 26 Apr 2023 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 EW929

Tgt Ion:	105	Resp:	9802
Ion	Ratio	Lower	Upper
105	100		
120	28.7	22.7	34.1
77	17.0	10.9	16.3#

