

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044282.D
 Acq On : 01 Jul 2021 13:32
 Operator : SY/MD
 Sample : M2905-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 DBK24DL

Manual Integrations
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Quant Time: Jul 02 01:51:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	147355	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	138223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31378	3.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.919	69	34723	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.572	65	17413	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.642	46	144360	49.137	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.073	84	84014	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.713	65	50827	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.735	84	164875	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.697	67	54771	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.906	98	153578	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.185	79	22675	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.642	63	131265	53.406	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	47811	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	63337	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	7959	0.694	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	2057	0.227	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	55401	5.591	ug/L	95
33) Benzene	5.780	78	12464	0.344	ug/L	100
34) Trichloroethene	6.549	95	50968	5.190	ug/L	97
47) Tetrachloroethene	8.558	164	38480	5.300	ug/L	96
51) Chlorobenzene	9.452	112	35157	1.375	ug/L	97
52) Ethylbenzene	9.578	91	4870	0.106	ug/L	95
54) o-Xylene	10.105	106	2488	0.147	ug/L	81
60) Isopropylbenzene	10.491	105	10442m	0.230	ug/L	
62) 1,3,5-Trimethylbenzene	11.095	105	5865	0.148	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	11070	0.273	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	7030	0.340	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	6443	0.334	ug/L	96

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

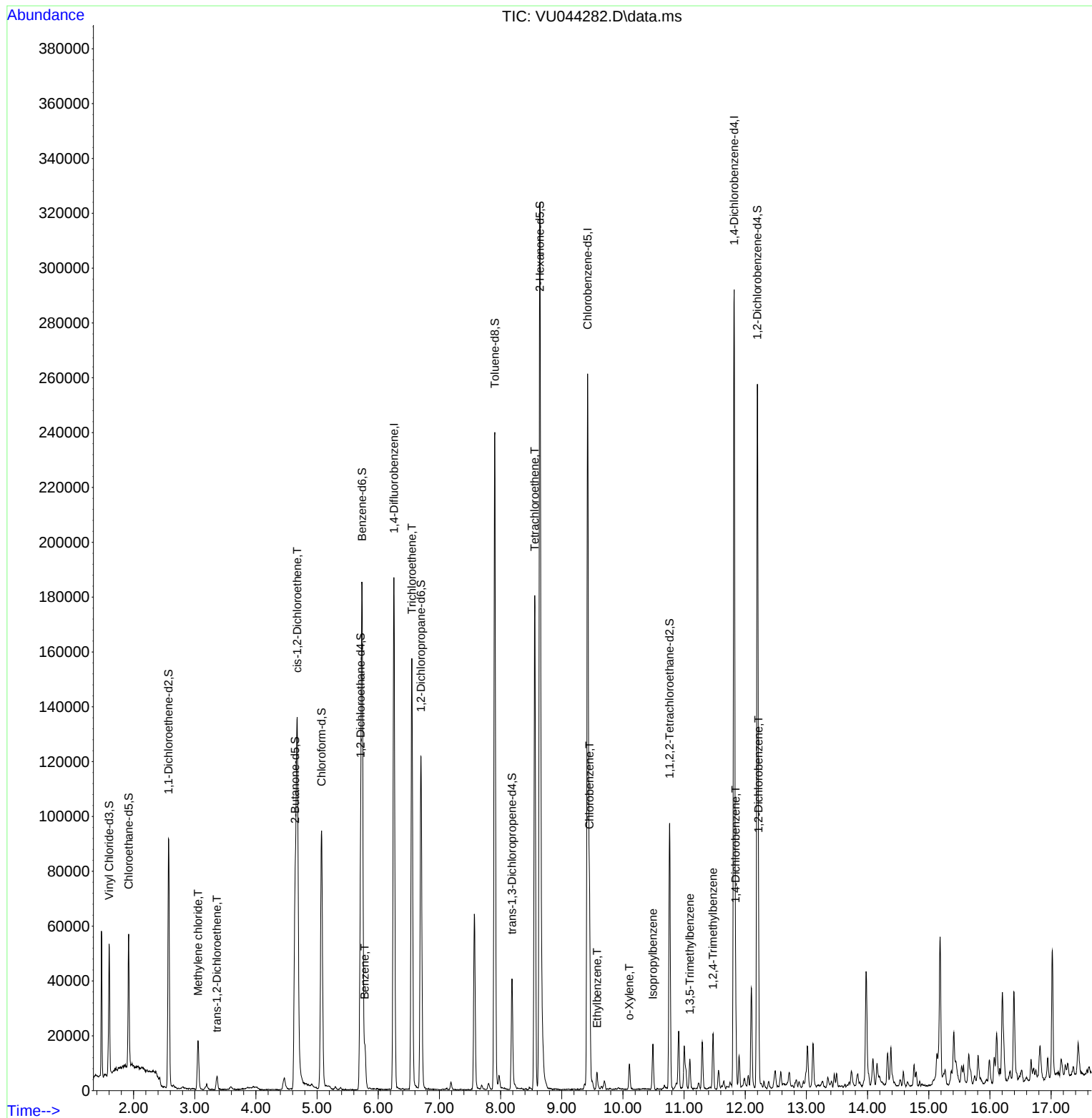
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044282.D
Acq On : 01 Jul 2021 13:32
Operator : SY/MD
Sample : M2905-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

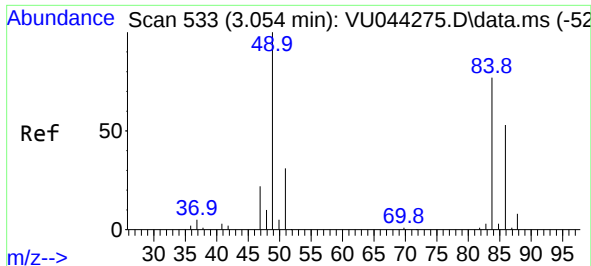
Instrument :
MSVOA_U
ClientSampleId :
DBK24DL

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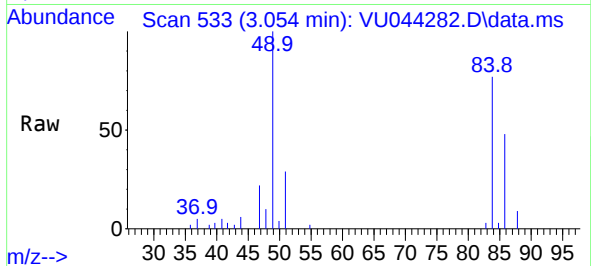
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 02 01:46:49 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.694 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32

Instrument :
MSVOA_U
ClientSampleID :
DBK24DL

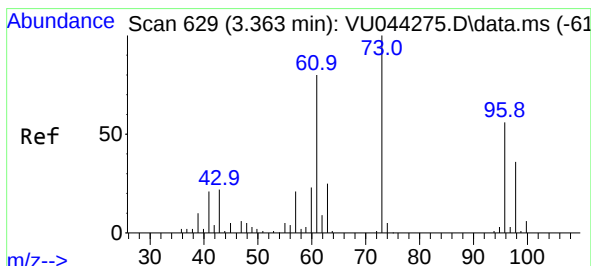
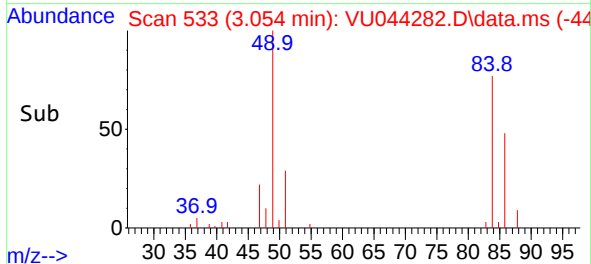
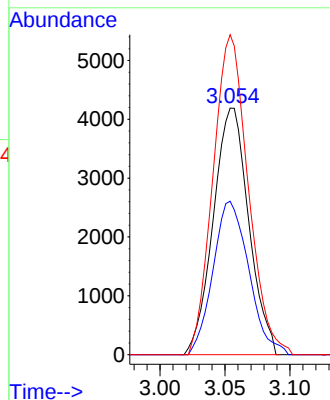


Tgt Ion: 84 Resp: 7959

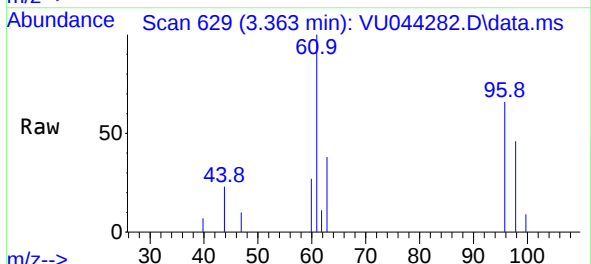
Ion	Ratio	Lower	Upper
84	100		
86	62.2	46.1	85.5
49	129.8	88.4	164.2

Manual Integrations
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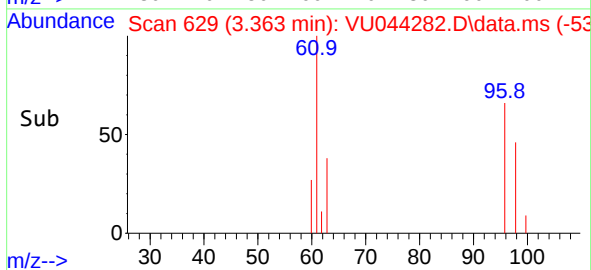
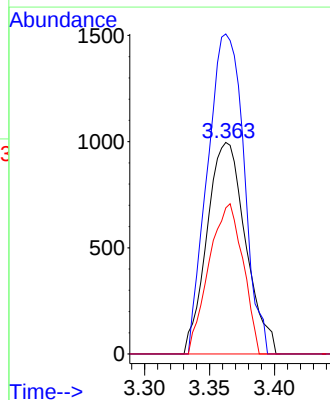


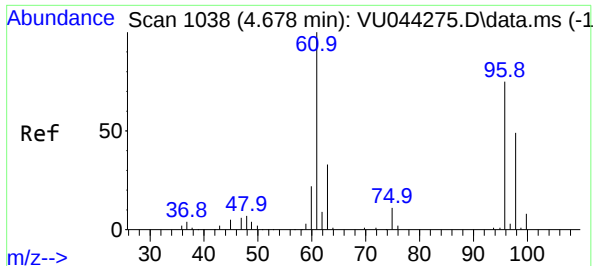
#18
trans-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32



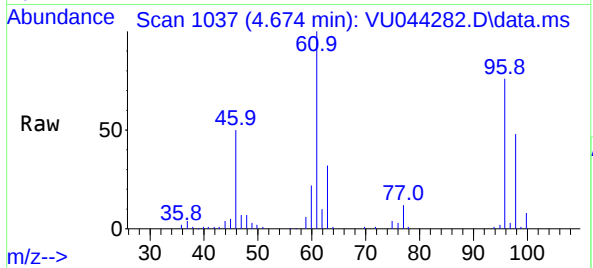
Tgt Ion: 96 Resp: 2057

Ion	Ratio	Lower	Upper
96	100		
61	151.3	100.2	186.2
98	69.1	44.9	83.5



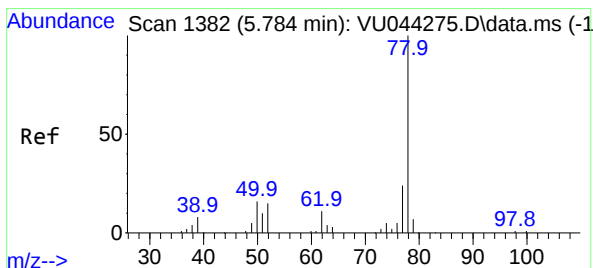
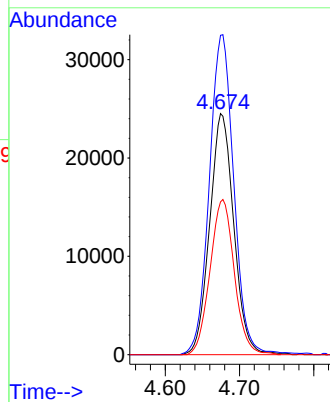
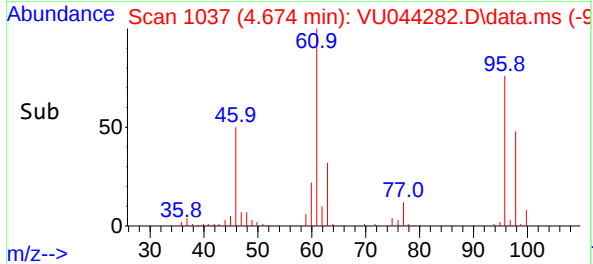


#22
 cis-1,2-Dichloroethene
 Concen: 5.591 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.004 min
 Lab File: VU044282.D
 Acq: 01 Jul 2021 13:32

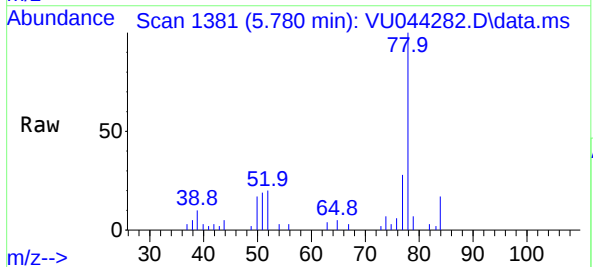


Tgt Ion: 96 Resp: 55401

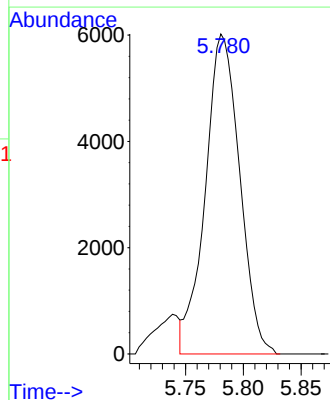
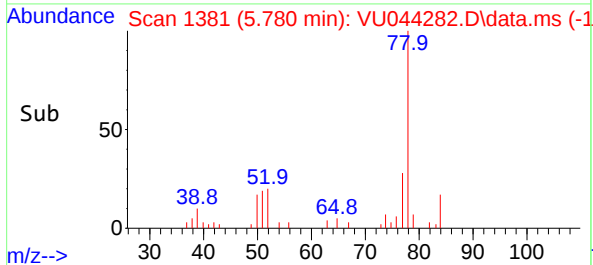
Ion	Ratio	Lower	Upper
96	100		
61	132.4	98.8	183.6
98	63.4	44.8	83.2



#33
 Benzene
 Concen: 0.344 ug/L
 RT: 5.780 min Scan# 1381
 Delta R.T. -0.004 min
 Lab File: VU044282.D
 Acq: 01 Jul 2021 13:32



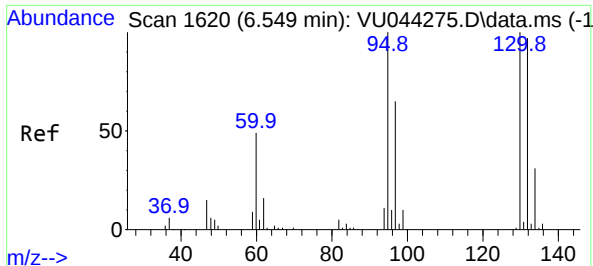
Tgt Ion: 78 Resp: 12464



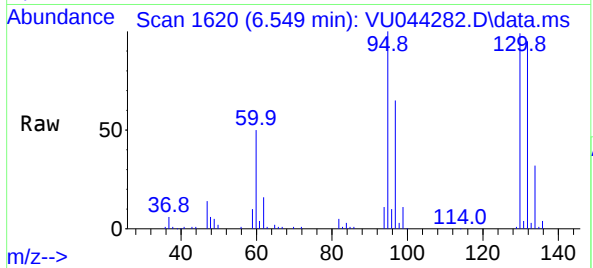
Instrument :
 MSVOA_U
 ClientSampleID :
 DBK24DL

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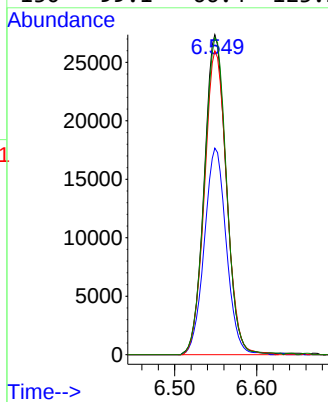
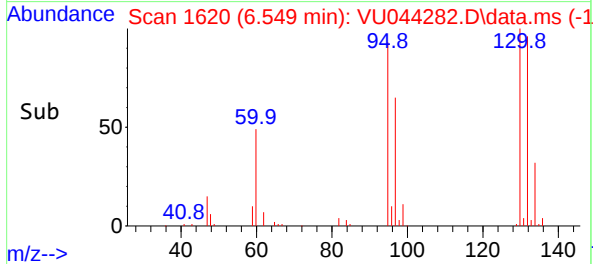


#34
Trichloroethene
Concen: 5.190 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32



Tgt Ion: 95 Resp: 50968

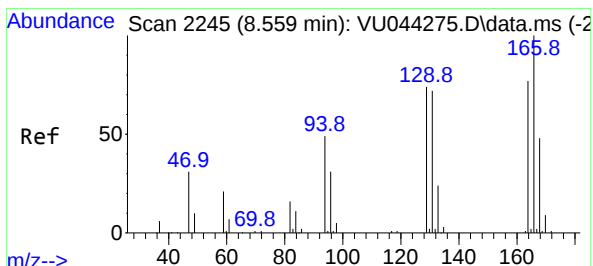
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.3	82.3
132	95.0	64.3	119.5
130	99.1	66.4	123.2



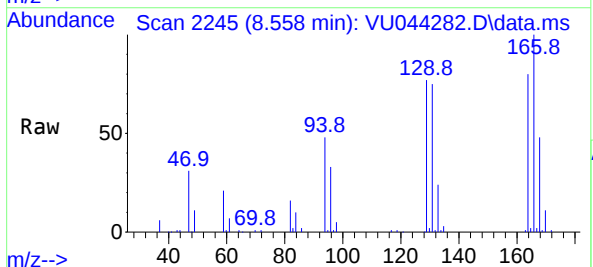
Instrument :
MSVOA_U
ClientSampleID :
DBK24DL

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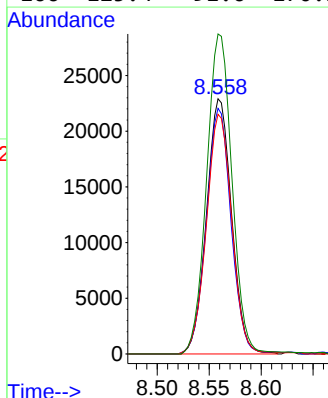
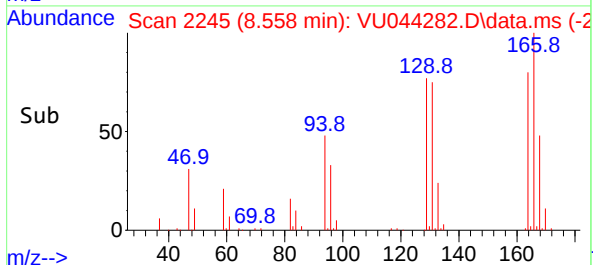


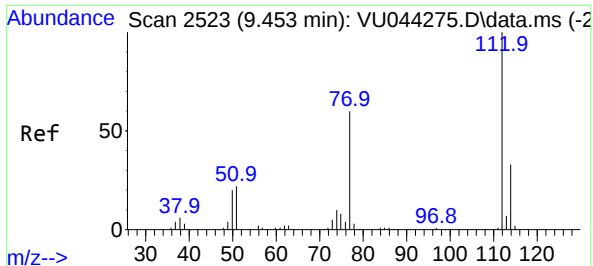
#47
Tetrachloroethene
Concen: 5.300 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32



Tgt Ion: 164 Resp: 38480

Ion	Ratio	Lower	Upper
164	100		
129	96.2	71.8	133.4
131	93.9	66.4	123.2
166	125.4	91.6	170.2





#51

Chlorobenzene

Concen: 1.375 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. -0.000 min

Lab File: VU044282.D

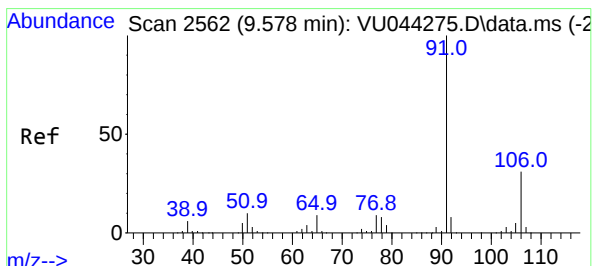
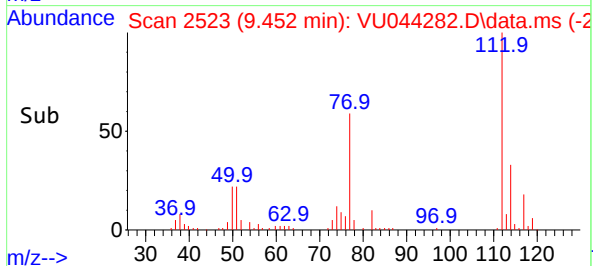
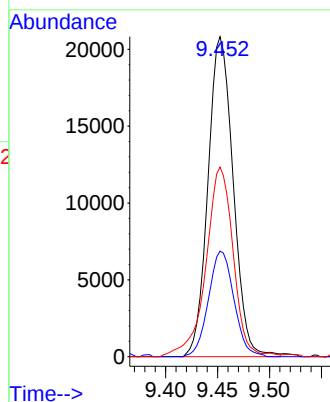
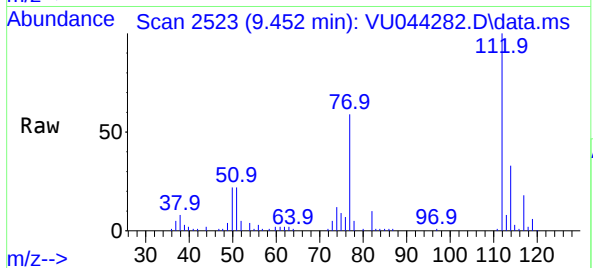
Acq: 01 Jul 2021 13:32

Tgt Ion:	112	Resp:	35157
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.0	41.0
77	59.2	48.9	73.3

Instrument :
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#52

Ethylbenzene

Concen: 0.106 ug/L

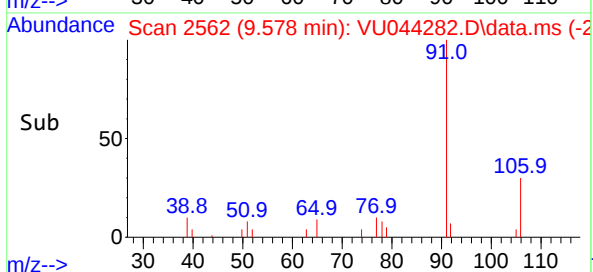
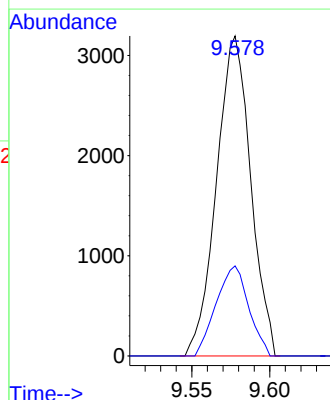
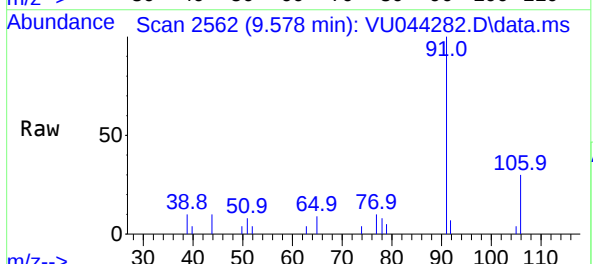
RT: 9.578 min Scan# 2562

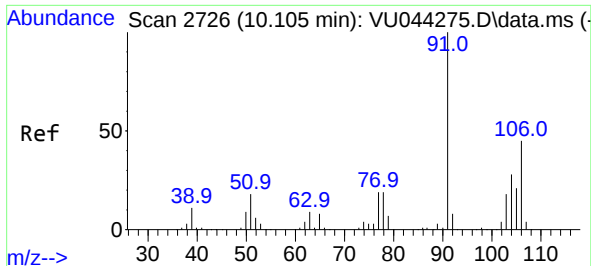
Delta R.T. -0.000 min

Lab File: VU044282.D

Acq: 01 Jul 2021 13:32

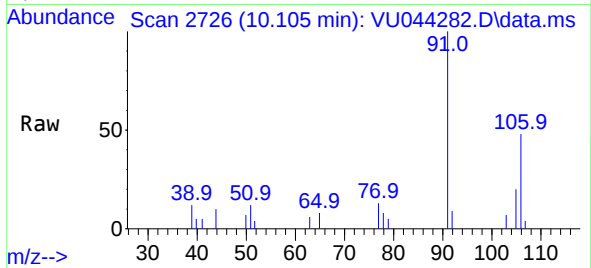
Tgt Ion:	91	Resp:	4870
Ion	Ratio	Lower	Upper
91	100		
106	28.1	21.6	40.2





#54
o-Xylene
Concen: 0.147 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32

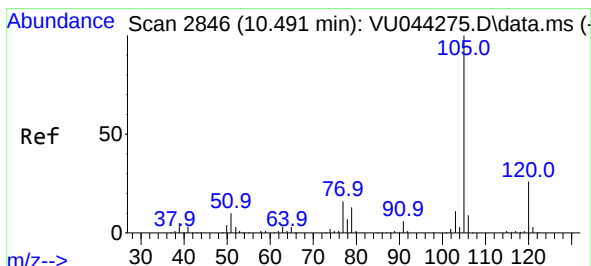
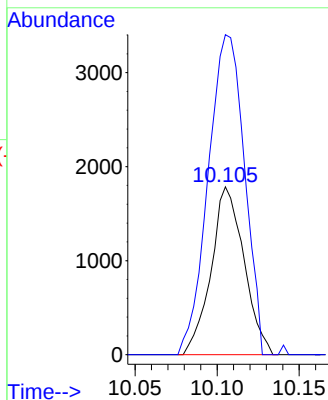
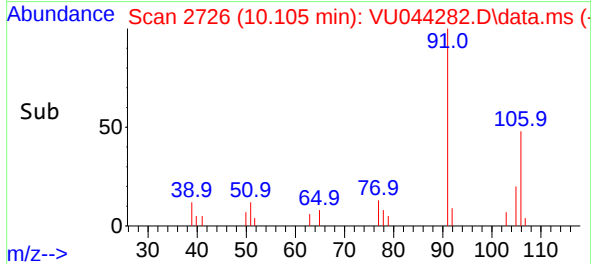
Instrument :
MSVOA_U
ClientSampleID :
DBK24DL



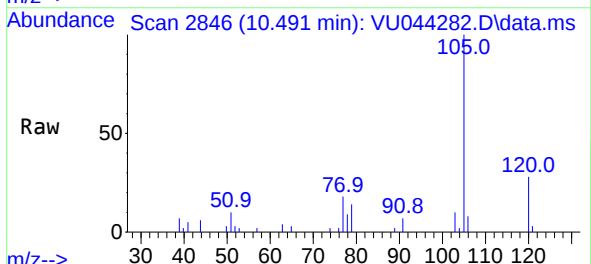
Tgt Ion:106 Resp: 2488
Ion Ratio Lower Upper
106 100
91 190.7 154.8 287.4

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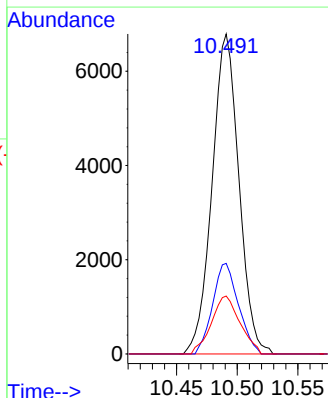
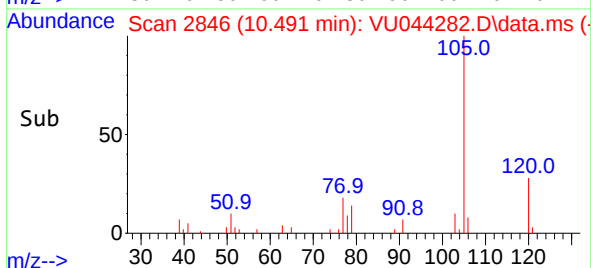
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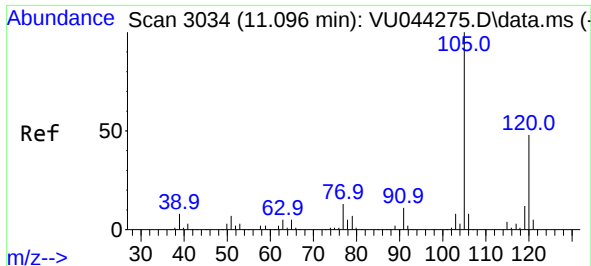


#60
Isopropylbenzene
Concen: 0.230 ug/L m
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32



Tgt Ion:105 Resp: 10442
Ion Ratio Lower Upper
105 100
120 31.0 20.7 31.1
77 15.4 12.9 19.3





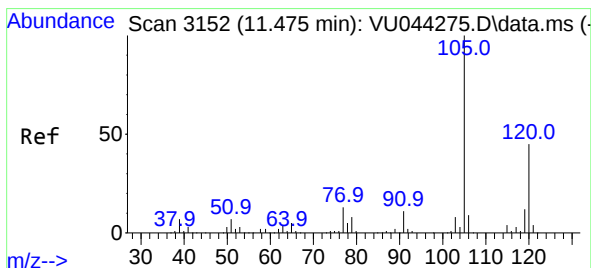
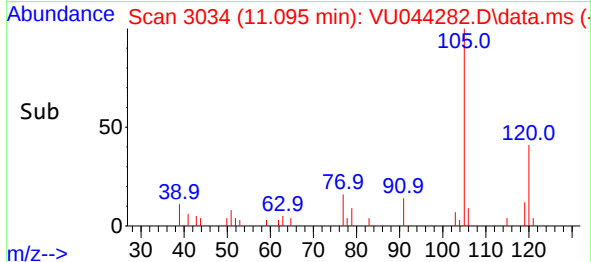
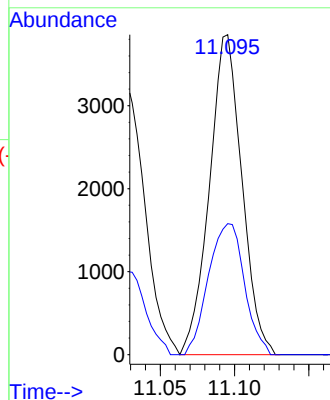
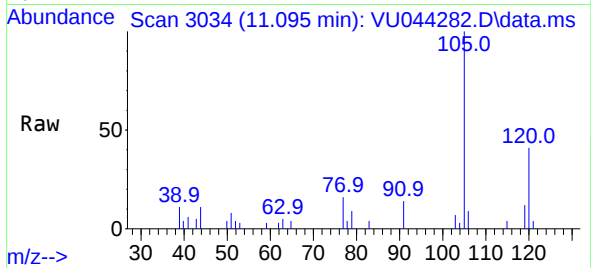
#62
1,3,5-Trimethylbenzene
Concen: 0.148 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32

Tgt Ion:105 Resp: 5865
Ion Ratio Lower Upper
105 100
120 45.3 38.0 57.0

Instrument :
MSVOA_U
ClientSampled :
DBK24DL

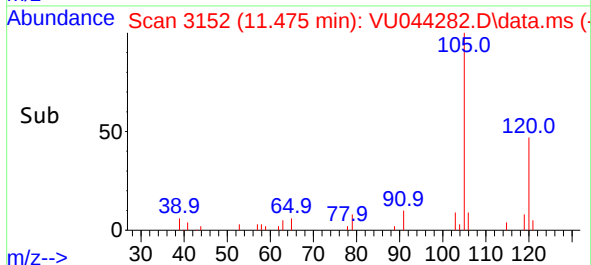
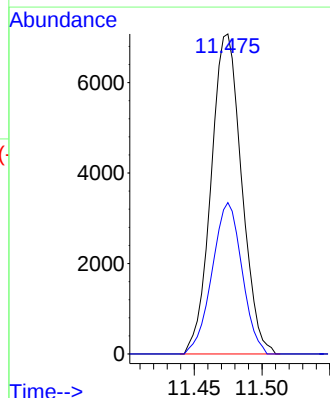
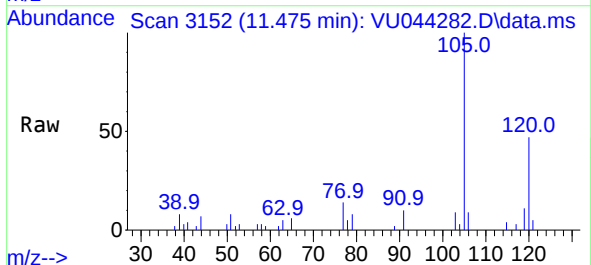
Manual Integrations
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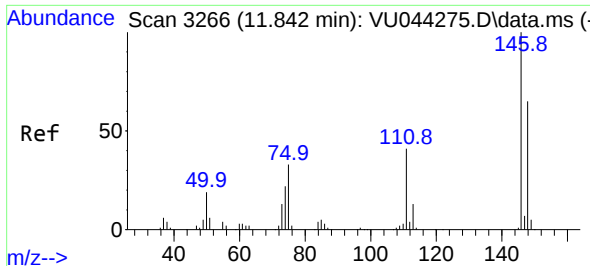
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7/6/2021 6:43:29 PM



#63
1,2,4-Trimethylbenzene
Concen: 0.273 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32

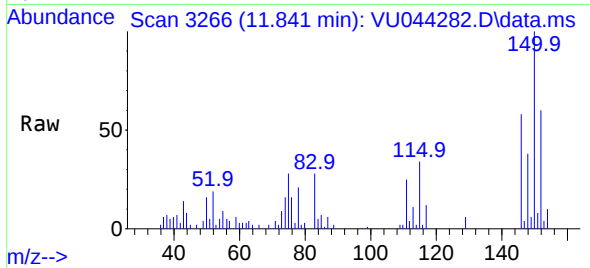
Tgt Ion:105 Resp: 11070
Ion Ratio Lower Upper
105 100
120 46.4 35.6 53.4





#65
1,4-Dichlorobenzene
Concen: 0.340 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32

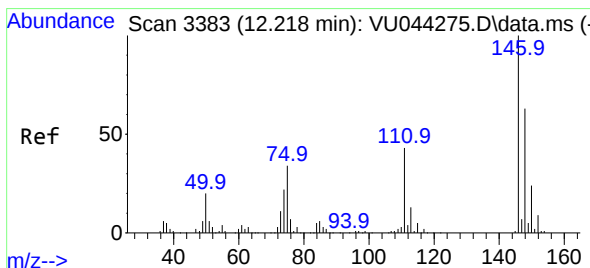
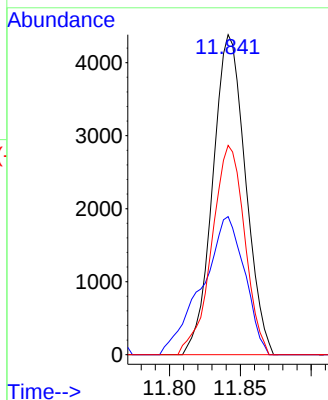
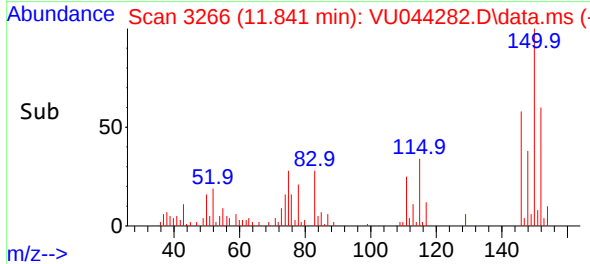
Instrument :
MSVOA_U
ClientSampled :
DBK24DL



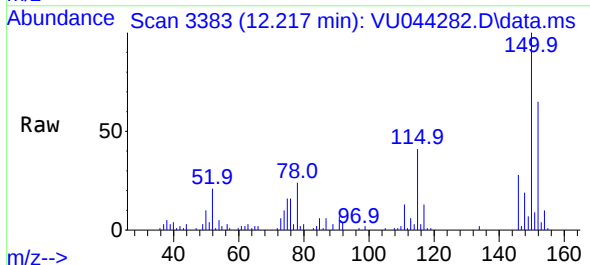
Tgt Ion:146 Resp: 7030
Ion Ratio Lower Upper
146 100
111 43.1 28.2 52.4
148 65.4 45.1 83.9

Manual Integrations
APPROVED

MMDadoda
7/6/2021 6:43:29 PM



#67
1,2-Dichlorobenzene
Concen: 0.334 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044282.D
Acq: 01 Jul 2021 13:32



Tgt Ion:146 Resp: 6443
Ion Ratio Lower Upper
146 100
111 47.3 35.0 52.6
148 66.3 51.2 76.8

