

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022458.D
 Acq On : 01 Oct 2021 02:06
 Operator : SY/MD
 Sample : M3996-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A28

Manual Integrations
 APPROVED

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 10/1/2021 11:51:15 AM

Quant Time: Oct 01 04:47:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	260238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	246837	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122603	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86255	39.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.12%		
7) Chloroethane-d5	1.561	69	71717	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.12%		
11) 1,1-Dichloroethene-d2	2.105	63	118241	30.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.58%		
21) 2-Butanone-d5	3.870	46	135189	86.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.74%		
24) Chloroform-d	4.349	84	150573	37.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.52%		
26) 1,2-Dichloroethane-d4	5.034	65	95554	39.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.14%		
32) Benzene-d6	5.050	84	325218	41.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.76%		
36) 1,2-Dichloropropane-d6	6.069	67	101391	40.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.62%		
41) Toluene-d8	7.317	98	290626	40.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.78%		
43) trans-1,3-Dichloroprop...	7.622	79	40679	35.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.72%		
47) 2-Hexanone-d5	8.088	63	86627	85.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.82%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	140790	39.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.08%		
66) 1,2-Dichlorobenzene-d4	11.625	152	121446	44.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.10%		
Target Compounds						Qvalue
13) Acetone	2.153	43	4774m	3.90	ug/L	
17) trans-1,2-Dichloroethene	2.757	96	28423	14.40	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	7900	3.76	ug/L	89
29) Cyclohexane	4.677	56	226682	78.37	ug/L	99
33) Benzene	5.098	78	4734490	628.51	ug/L	100
34) Trichloroethene	5.921	95	12584	6.50	ug/L	95
35) Methylcyclohexane	6.133	83	93802	31.43	ug/L #	87
42) Toluene	7.391	91	31342	3.90	ug/L	97
46) Tetrachloroethene	7.976	164	41266	25.87	ug/L	98
52) Ethylbenzene	9.014	91	328206	38.97	ug/L	100
53) m,p-Xylene	9.140	106	56074	17.29	ug/L	100
54) o-Xylene	9.548	106	12469	3.96	ug/L	98
60) Isopropylbenzene	9.934	105	50577	6.70	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	22980	3.69	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	247412	39.40	ug/L	100

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

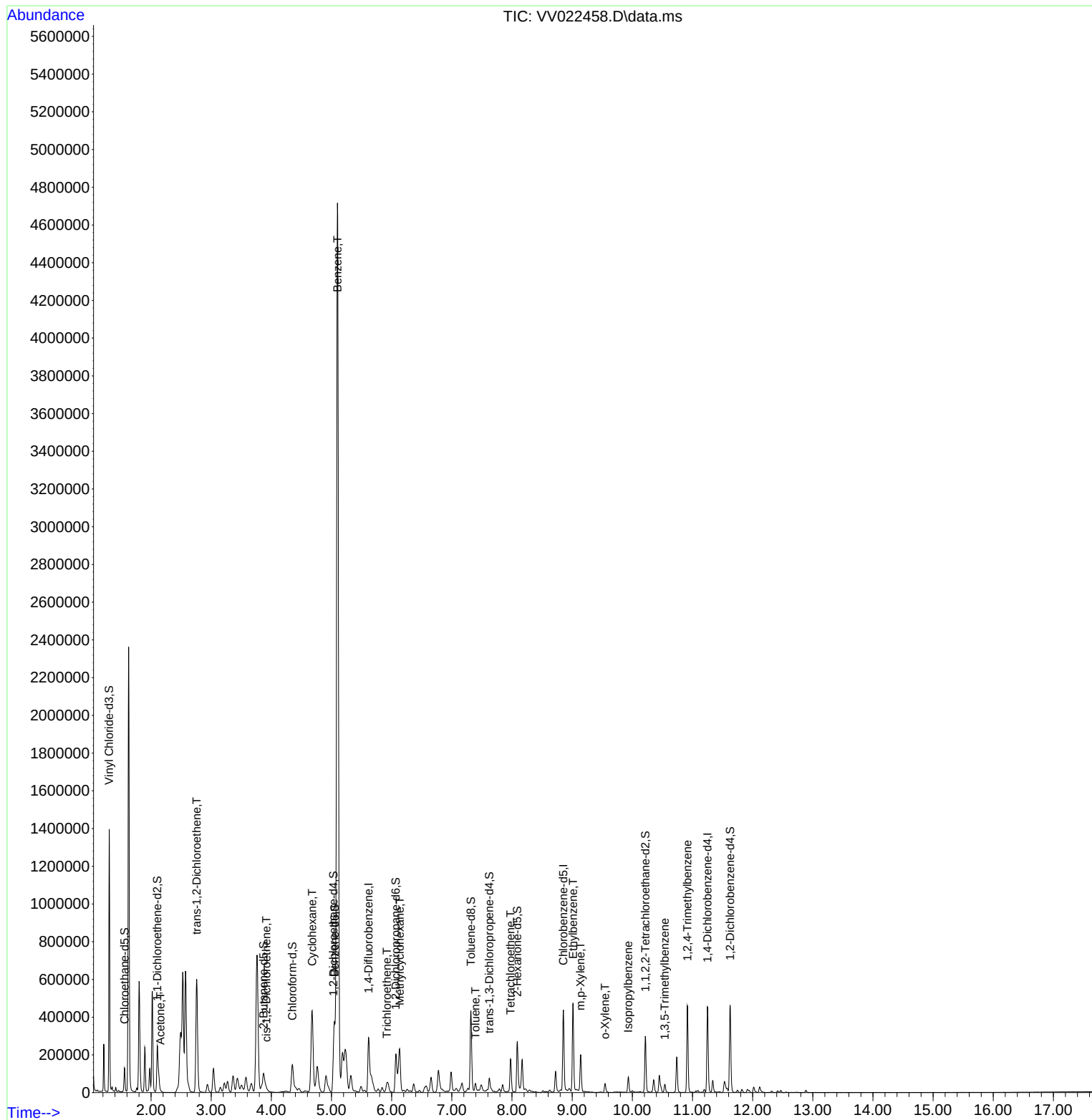
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
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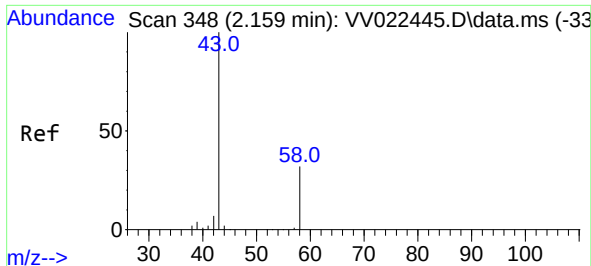
Instrument :
MSVOA_V
ClientSampleId :
F4A28

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Quant Time: Oct 01 04:47:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
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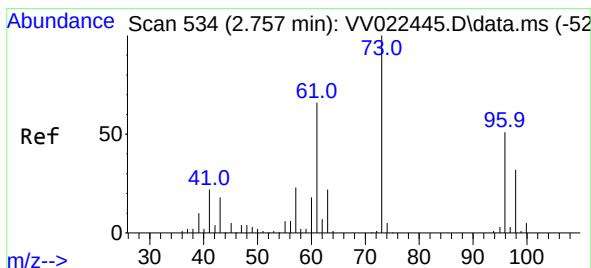
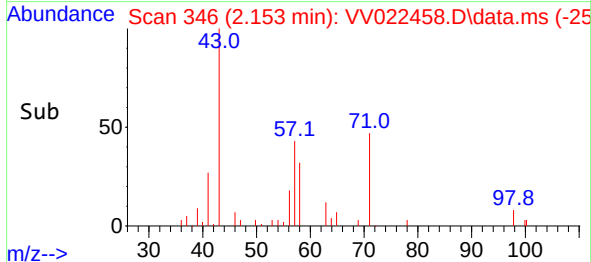
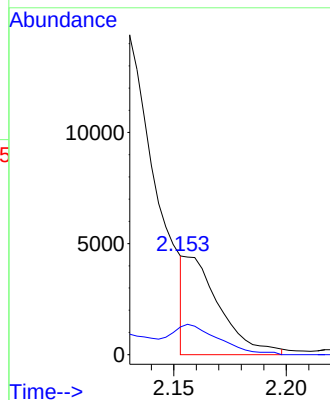
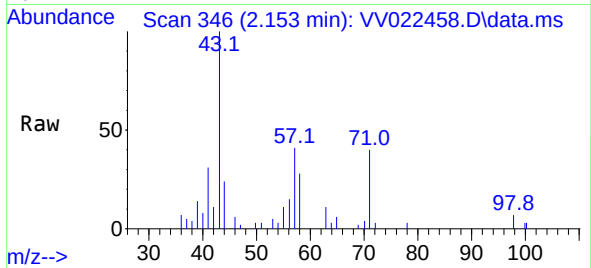
#13
Acetone
Concen: 3.90 ug/L m
RT: 2.153 min Scan# 346
Delta R.T. -0.006 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 43 Resp: 4774
Ion Ratio Lower Upper
43 100
58 33.6 0.0 67.2

Instrument :
MSVOA_V
ClientSampled :
F4A28

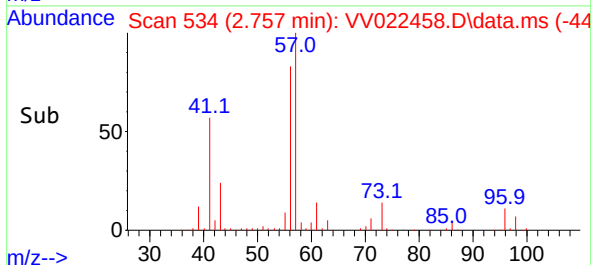
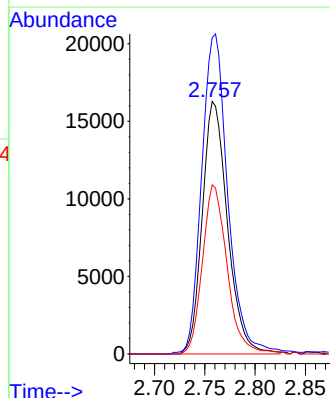
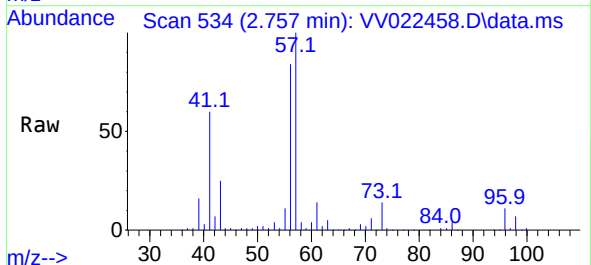
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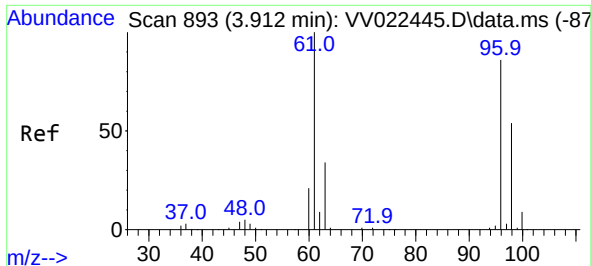
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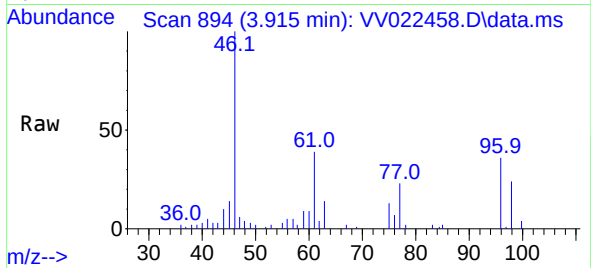
#17
trans-1,2-Dichloroethene
Concen: 14.40 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 96 Resp: 28423
Ion Ratio Lower Upper
96 100
61 125.3 92.7 172.1
98 67.0 44.4 82.5

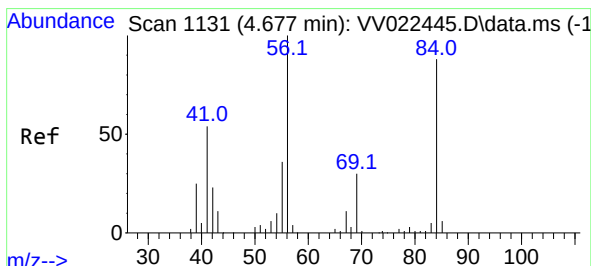
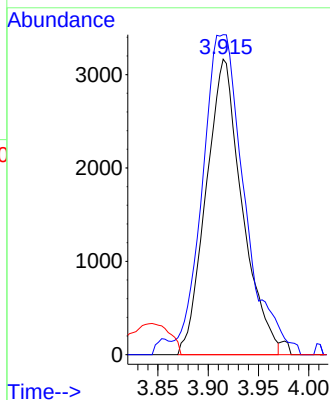
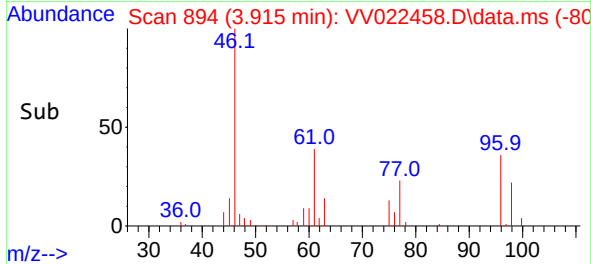




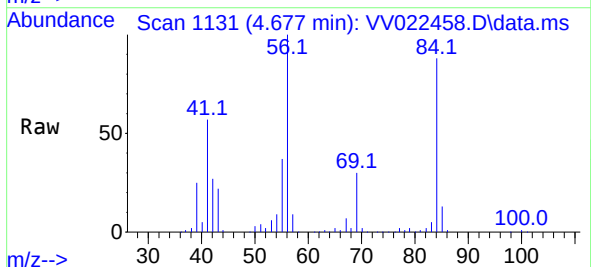
#20
cis-1,2-Dichloroethene
Concen: 3.76 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06



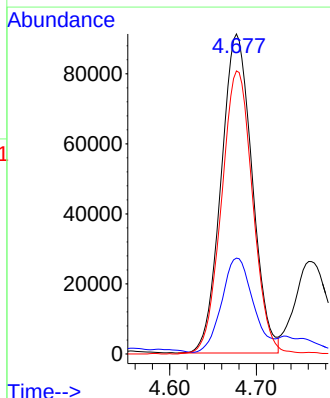
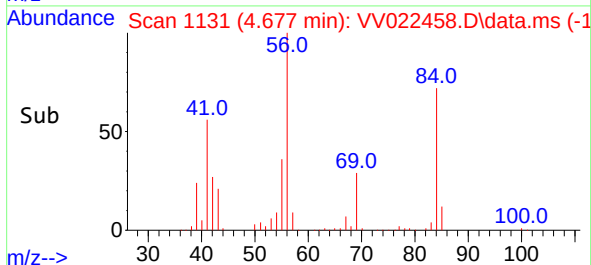
Tgt Ion: 96 Resp: 7900
Ion Ratio Lower Upper
96 100
61 108.3 84.6 157.0
68 0.0 0.0 0.0



#29
Cyclohexane
Concen: 78.37 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06



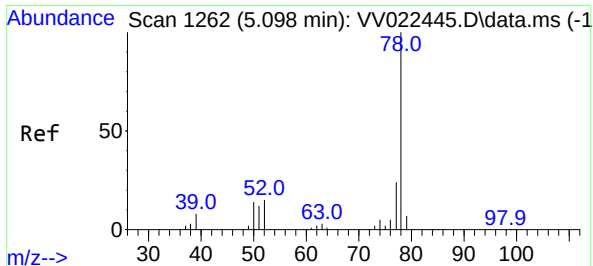
Tgt Ion: 56 Resp: 226682
Ion Ratio Lower Upper
56 100
69 30.0 24.6 37.0
84 89.3 71.8 107.8



Instrument :
MSVOA_V
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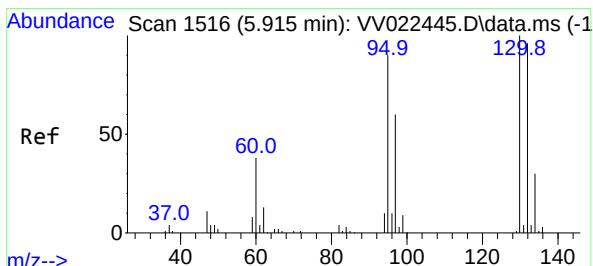
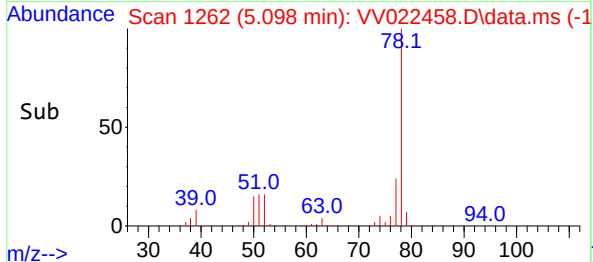
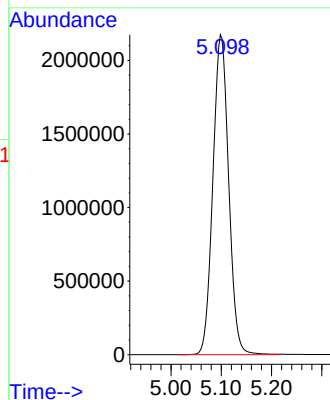
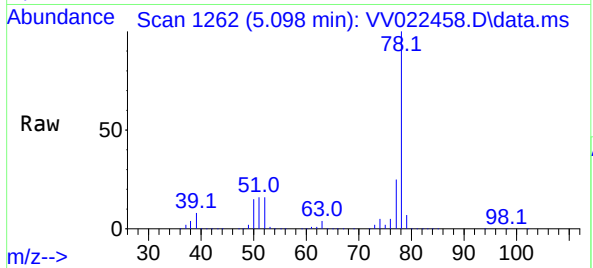
#33
Benzene
Concen: 628.51 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 78 Resp: 4734490

Instrument :
MSVOA_V
ClientSampled :
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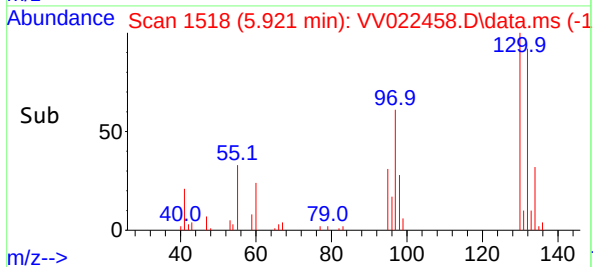
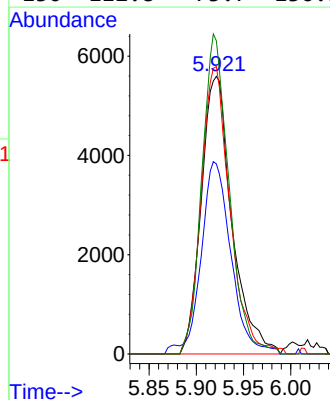
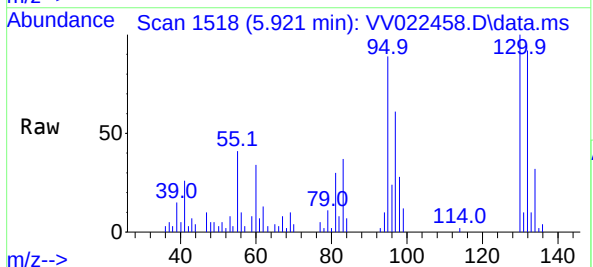
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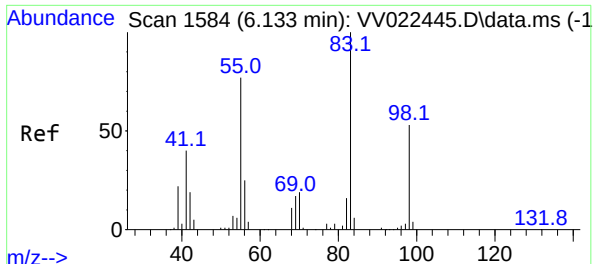


#34
Trichloroethene
Concen: 6.50 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 95 Resp: 12584

Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.2	84.0
132	103.5	71.0	131.8
130	112.8	73.7	136.9





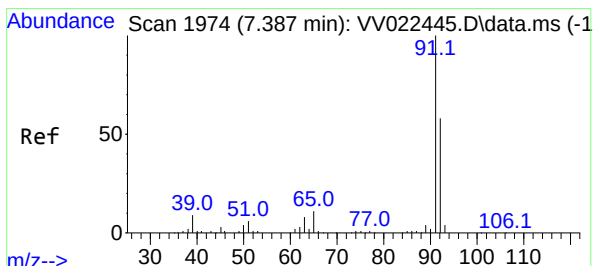
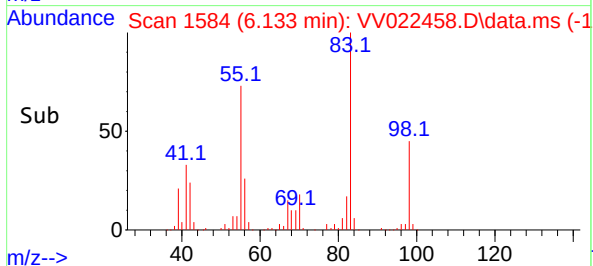
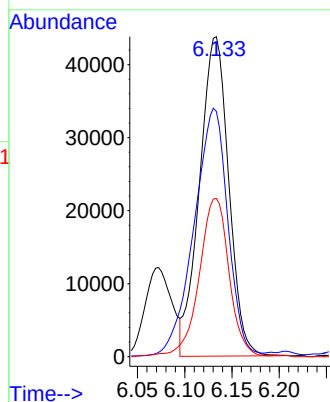
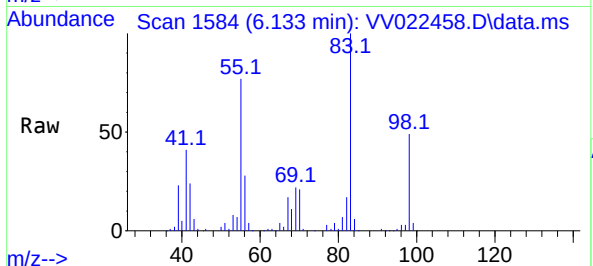
#35
Methylcyclohexane
Concen: 31.43 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 83 Resp: 93802
Ion Ratio Lower Upper
83 100
55 89.8 58.6 87.8#
98 51.0 39.2 58.8

Instrument :
MSVOA_V
ClientSampled :
F4A28

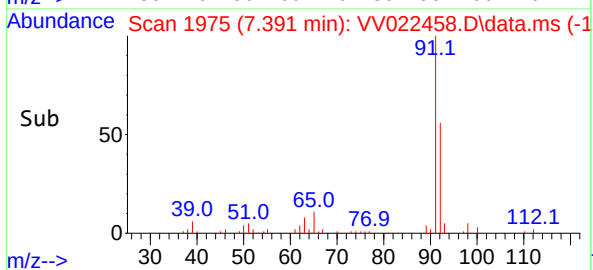
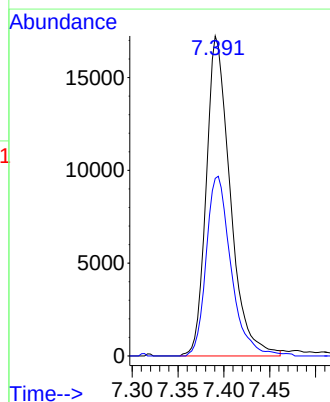
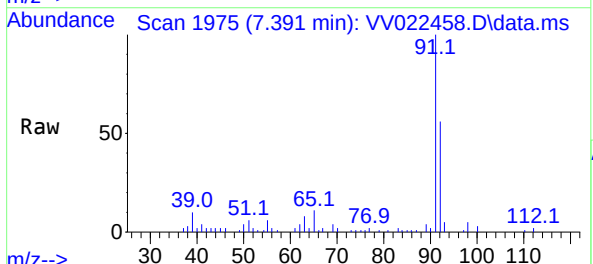
Manual Integrations
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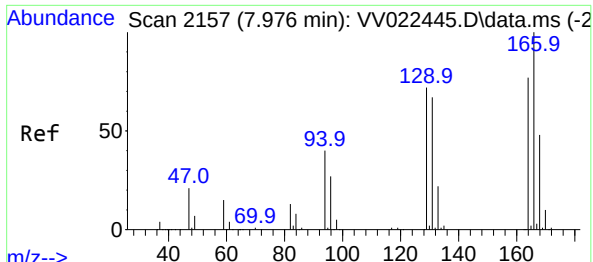
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#42
Toluene
Concen: 3.90 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 91 Resp: 31342
Ion Ratio Lower Upper
91 100
92 55.5 40.2 74.6





#46
Tetrachloroethene
Concen: 25.87 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

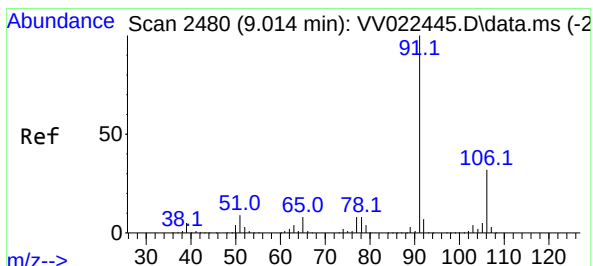
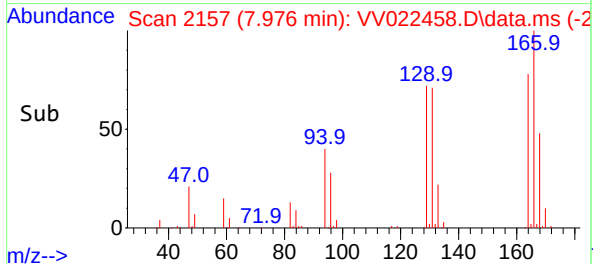
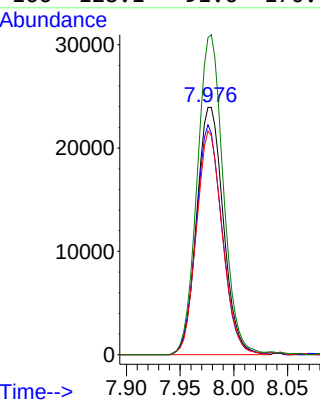
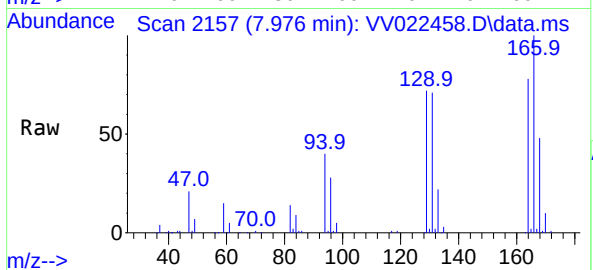
Tgt Ion:164 Resp: 41266

Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.4	123.4
131	90.4	63.6	118.0
166	128.1	91.6	170.0

Instrument :
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ClientSampled :
F4A28

Manual Integrations
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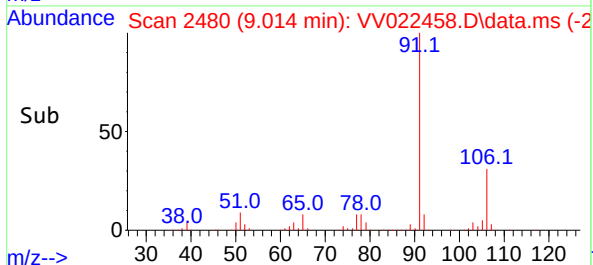
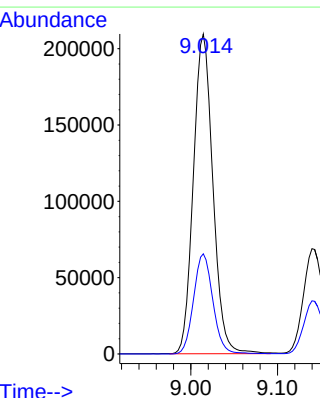
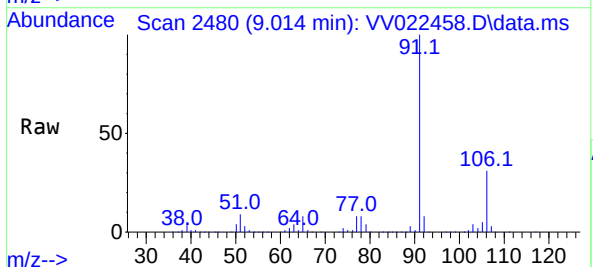
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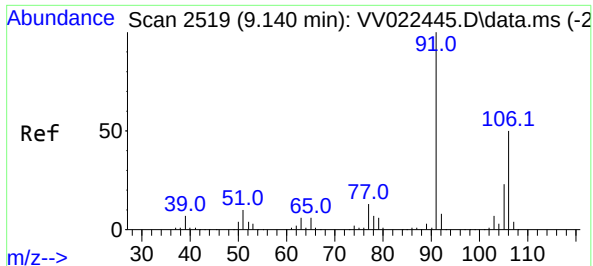


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Ethylbenzene
Concen: 38.97 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion: 91 Resp: 328206

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.0	40.8





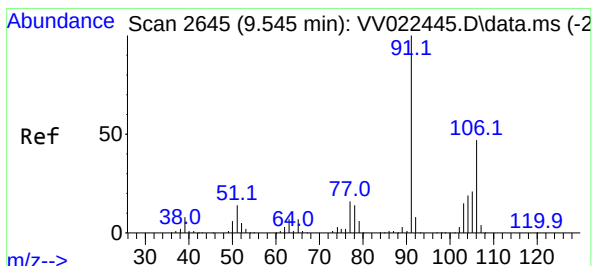
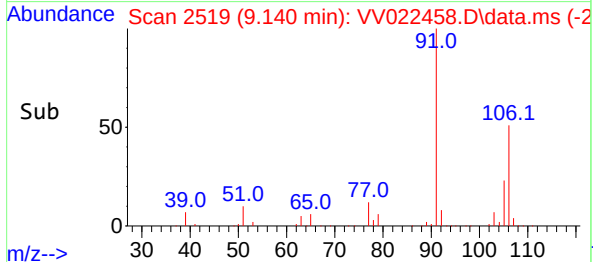
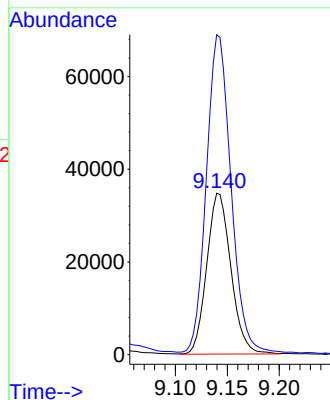
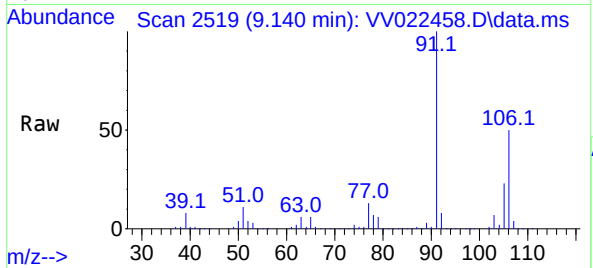
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m,p-Xylene
Concen: 17.29 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion:106 Resp: 56074
Ion Ratio Lower Upper
106 100
91 198.2 139.2 258.6

Instrument :
MSVOA_V
ClientSampled :
F4A28

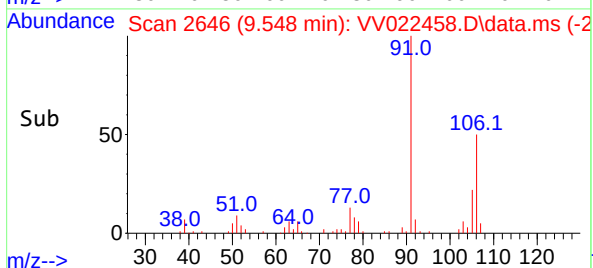
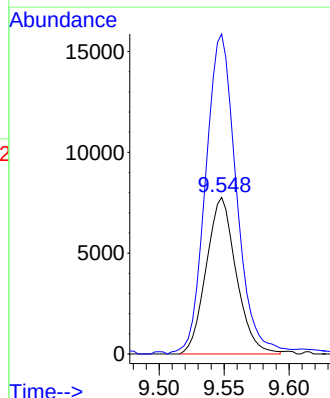
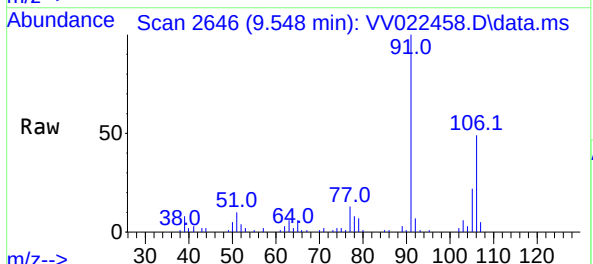
Manual Integrations
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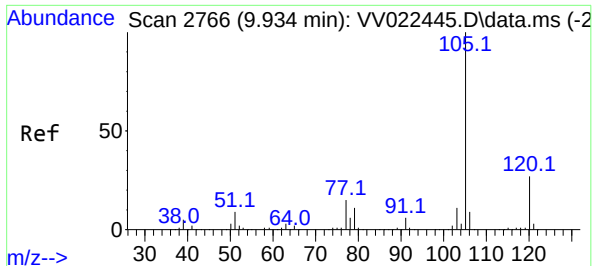
MMDadoda
10/1/2021 11:51:15 AM



#54
o-Xylene
Concen: 3.96 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion:106 Resp: 12469
Ion Ratio Lower Upper
106 100
91 204.3 144.9 269.1





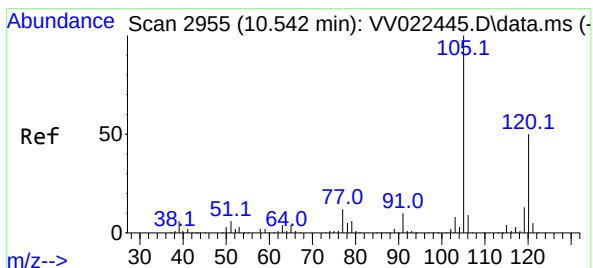
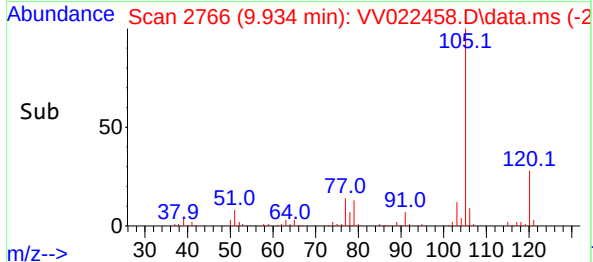
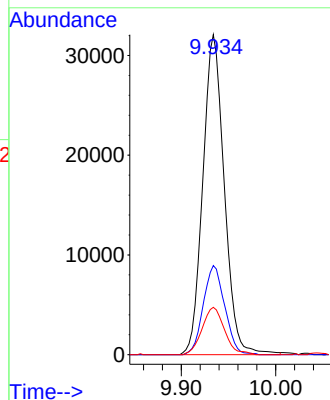
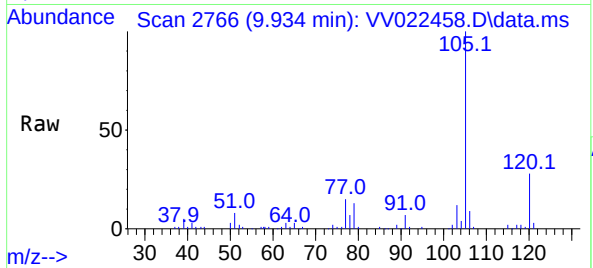
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Isopropylbenzene
Concen: 6.70 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion:105 Resp: 50577
Ion Ratio Lower Upper
105 100
120 27.8 21.5 32.3
77 15.5 12.0 18.0

Instrument :
MSVOA_V
ClientSampled :
F4A28

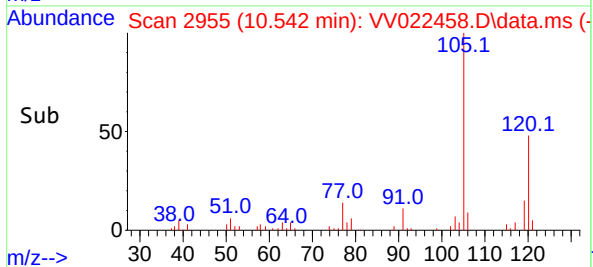
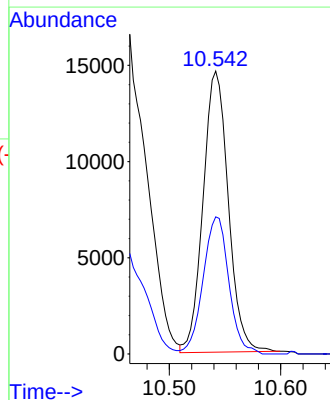
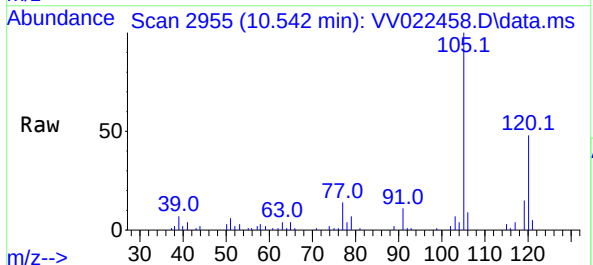
Manual Integrations
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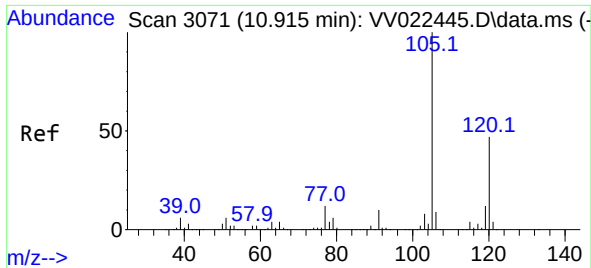
MMDadoda
10/1/2021 11:51:15 AM



#62
1,3,5-Trimethylbenzene
Concen: 3.69 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022458.D
Acq: 01 Oct 2021 02:06

Tgt Ion:105 Resp: 22980
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5





#63
 1,2,4-Trimethylbenzene
 Concen: 39.40 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV022458.D
 Acq: 01 Oct 2021 02:06

Tgt Ion:105 Resp: 247412
 Ion Ratio Lower Upper
 105 100
 120 46.3 37.3 55.9

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A28

Manual Integrations
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 10/1/2021 11:51:15 AM

