

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022296.D
 Acq On : 23 Sep 2021 20:10
 Operator : SY/MD
 Sample : M3873-18MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7Y6MS

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:55:17 AM

Quant Time: Sep 24 03:47:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	120021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	28984	4.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.564	69	34834	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.104	63	71050	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.908	46	135574	55.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.460%
24) Chloroform-d	4.349	84	88814	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.037	65	41987	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.050	84	169952	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.072	67	55183	5.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.316	98	157315	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.625	79	15785	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.091	63	111692	55.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.600%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	46483	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	59655	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48920	5.318	ug/L	97
3) Chloromethane	1.240	50	50081	5.448	ug/L	98
5) Vinyl chloride	1.307	62	48541	5.490	ug/L	97
6) Bromomethane	1.519	94	30671	5.412	ug/L	100
8) Chloroethane	1.580	64	31155	5.596	ug/L	99
9) Trichlorofluoromethane	1.748	101	66714	5.455	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	39428	5.410	ug/L	98
12) 1,1-Dichloroethene	2.114	96	37096	5.588	ug/L	81
13) Acetone	2.214	43	75807m	54.965	ug/L	
14) Carbon disulfide	2.288	76	118710	5.258	ug/L	100
15) Methyl Acetate	2.445	43	15646	5.112	ug/L #	85
16) Methylene chloride	2.503	84	46233	4.002	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	97358	5.514	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	43983	5.546	ug/L	98
19) 1,1-Dichloroethane	3.188	63	78055	5.579	ug/L	97
21) 2-Butanone	3.995	43	127792	61.248	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	43337	5.498	ug/L	98
23) Bromochloromethane	4.252	128	21196	5.696	ug/L	100
25) Chloroform	4.378	83	79944	5.591	ug/L	95

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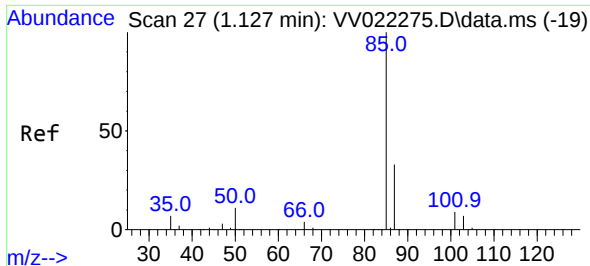
Manual Integrations
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Quant Time: Sep 24 03:47:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	45670	5.470	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	67128	5.370	ug/L	99
30) Cyclohexane	4.677	56	65387	5.239	ug/L	99
31) Carbon tetrachloride	4.828	117	57105	5.378	ug/L	100
33) Benzene	5.101	78	174020	5.512	ug/L	100
34) Trichloroethene	5.915	95	44259	5.517	ug/L	96
35) Methylcyclohexane	6.130	83	67901	5.300	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45987	5.770	ug/L	98
38) Bromodichloromethane	6.513	83	52357	5.452	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	53624	5.087	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	299999	58.404	ug/L	99
42) Toluene	7.390	91	189991	5.681	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48830	5.420	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	33234	5.515	ug/L	97
47) Tetrachloroethene	7.976	164	36741	5.400	ug/L	95
48) 2-Hexanone	8.143	43	218306	60.483	ug/L	99
49) Dibromochloromethane	8.249	129	35379	5.459	ug/L	100
50) 1,2-Dibromoethane	8.355	107	30781	5.494	ug/L	95
51) Chlorobenzene	8.886	112	118538	5.396	ug/L	98
52) Ethylbenzene	9.014	91	189519	5.447	ug/L	99
53) m,p-xylene	9.140	106	72167	5.371	ug/L	97
54) o-xylene	9.545	106	70679	5.398	ug/L	97
55) Styrene	9.564	104	123046	5.664	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	41550	5.552	ug/L	99
59) Bromoform	9.734	173	18208	5.142	ug/L	95
60) Isopropylbenzene	9.934	105	190478	5.385	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27769	5.044	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	148991	5.158	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	151801	5.272	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	92109	5.291	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	91862	5.207	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	90172	5.434	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	5507	5.031	ug/L	89
69) 1,3,5-Trichlorobenzene	12.647	180	67677	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	52285	4.970	ug/L	97
71) Naphthalene	13.506	128	93969	4.915	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	52367	5.327	ug/L	97

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



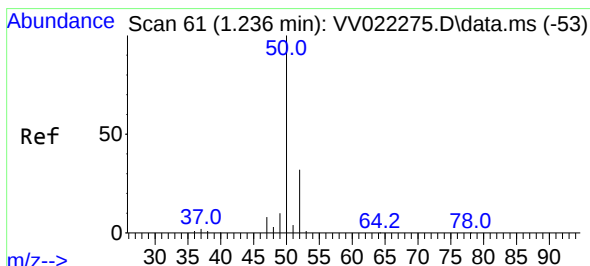
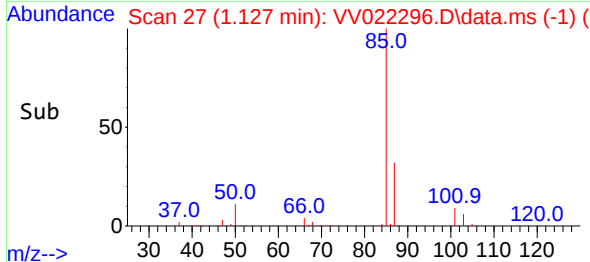
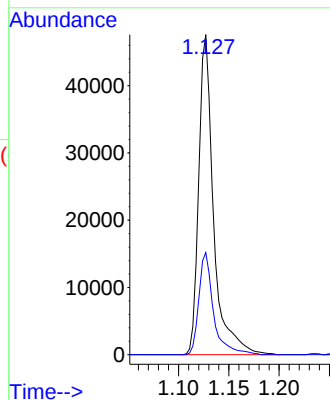
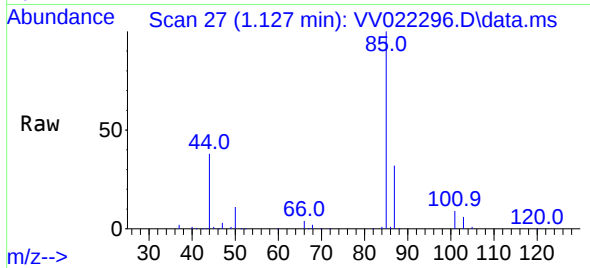
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 Dichlorodifluoromethane
 Concen: 5.318 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022296.D
 Acq: 23 Sep 2021 20:10

Tgt Ion: 85 Resp: 48920
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.4 39.6

Instrument :
 MSVOA_V
 ClientSampled :
 EW7Y6MS

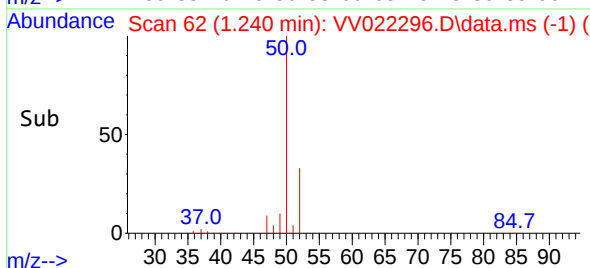
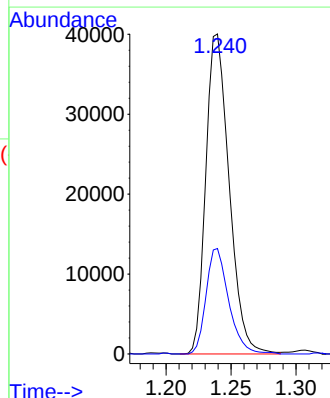
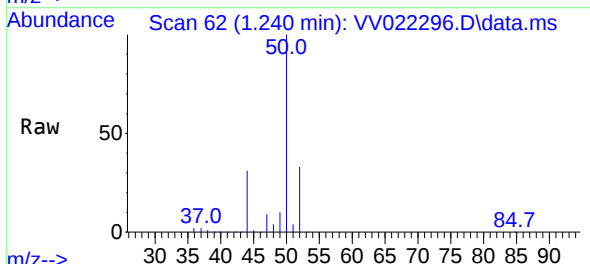
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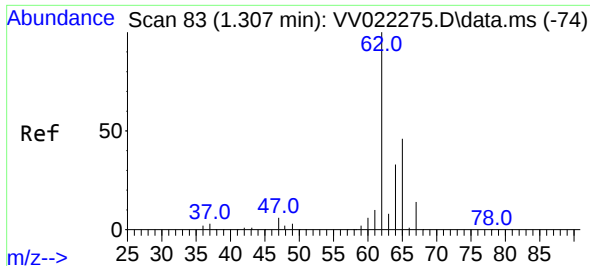
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#3
 Chloromethane
 Concen: 5.448 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022296.D
 Acq: 23 Sep 2021 20:10

Tgt Ion: 50 Resp: 50081
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.2 41.2





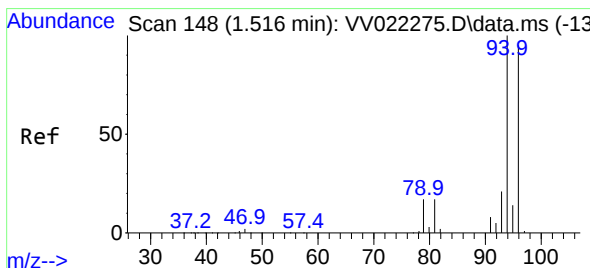
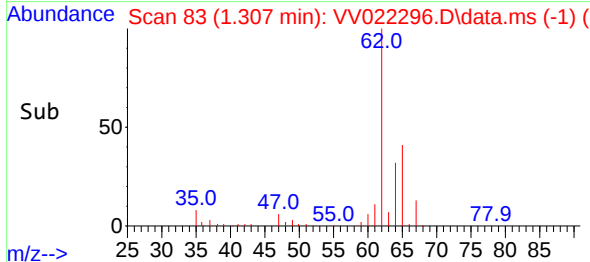
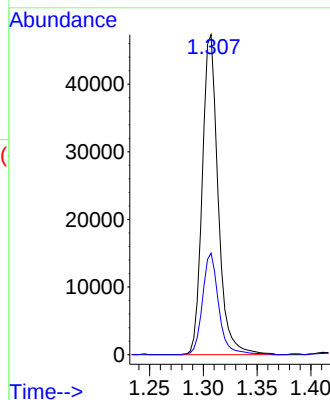
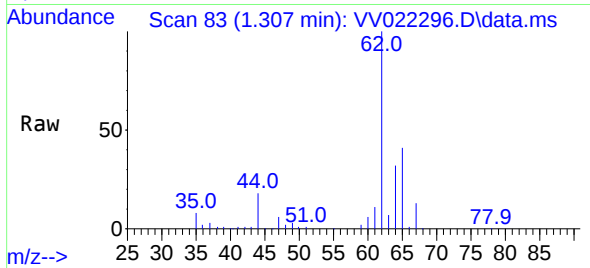
#5
 Vinyl chloride
 Concen: 5.490 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022296.D
 Acq: 23 Sep 2021 20:10

Tgt Ion: 62 Resp: 48541
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.4

Instrument :
 MSVOA_V
 ClientSampled :
 EW7Y6MS

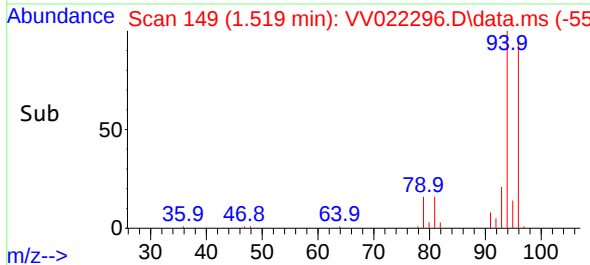
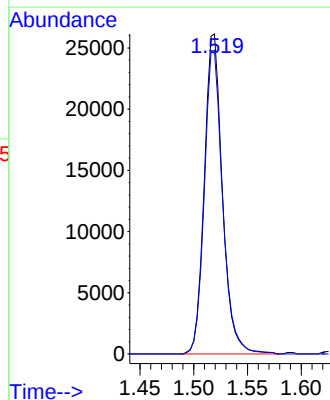
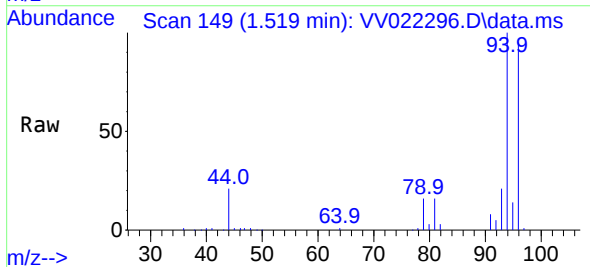
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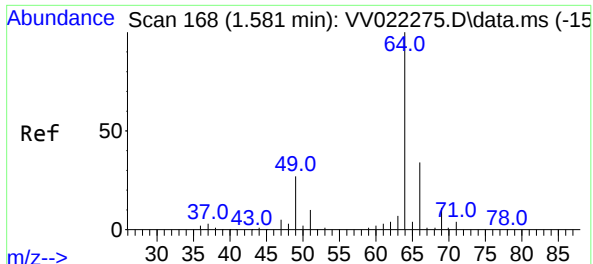
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#6
 Bromomethane
 Concen: 5.412 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022296.D
 Acq: 23 Sep 2021 20:10

Tgt Ion: 94 Resp: 30671
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.6 123.8





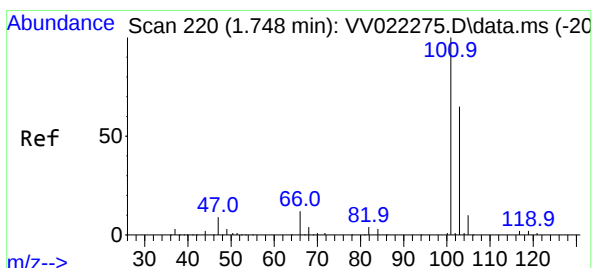
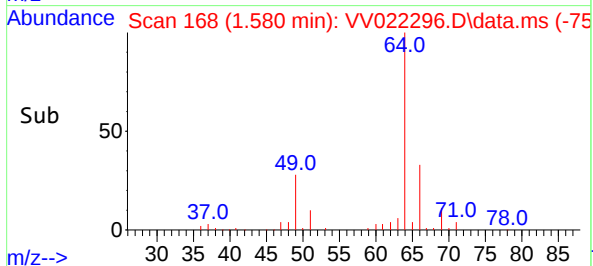
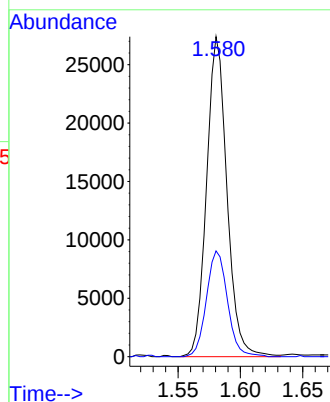
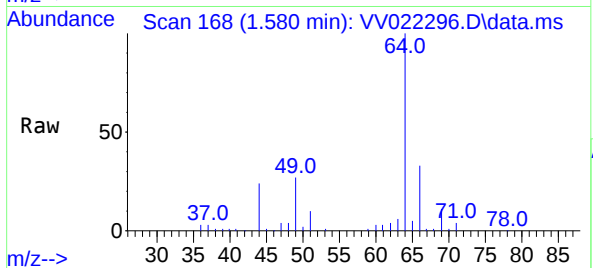
#8
Chloroethane
Concen: 5.596 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

Tgt Ion: 64 Resp: 31155
Ion Ratio Lower Upper
64 100
66 33.0 23.6 43.8

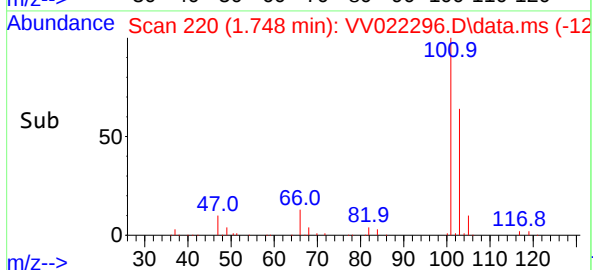
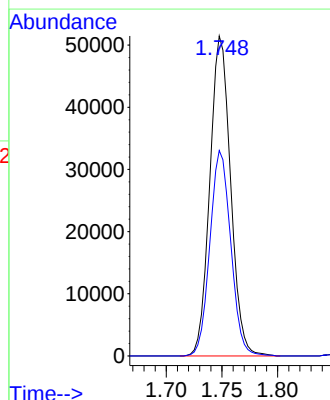
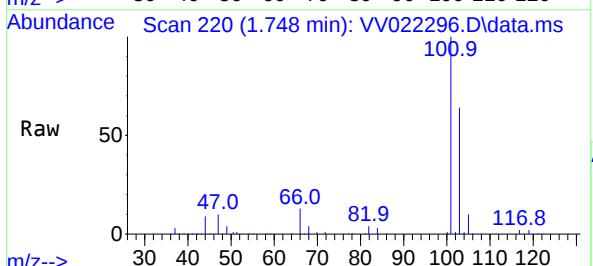
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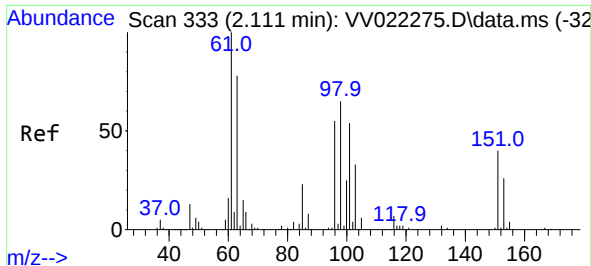
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#9
Trichlorofluoromethane
Concen: 5.455 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 101 Resp: 66714
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9





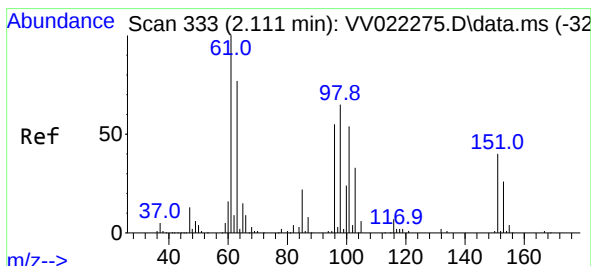
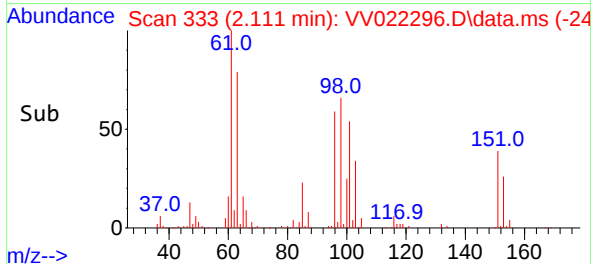
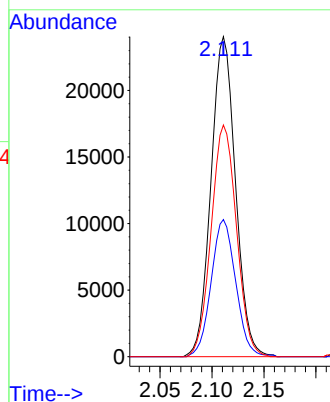
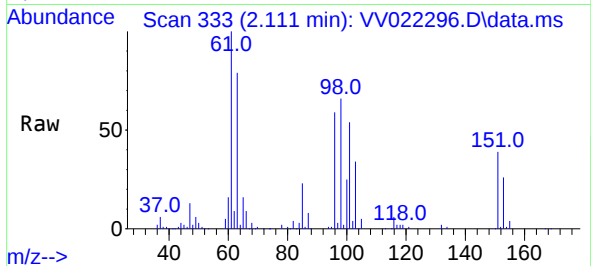
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.410 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

Tgt Ion:101 Resp: 39428
Ion Ratio Lower Upper
101 100
85 43.0 35.2 52.8
151 74.8 58.8 88.2

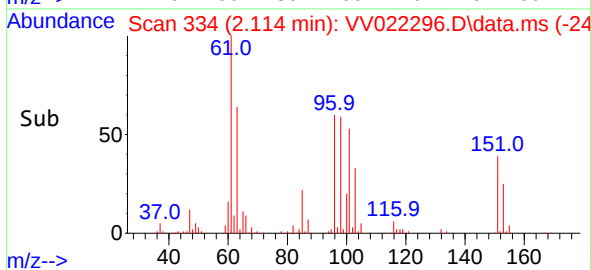
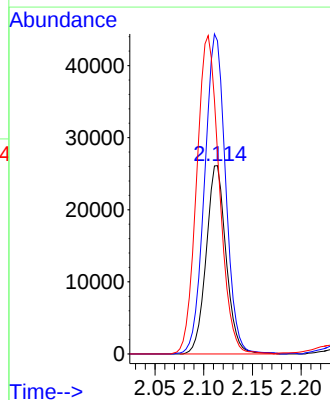
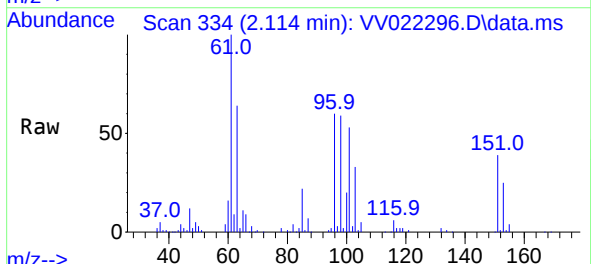
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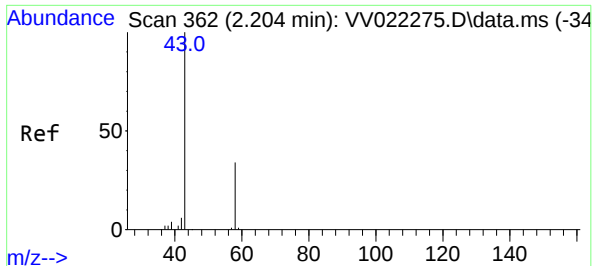
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#12
1,1-Dichloroethene
Concen: 5.588 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

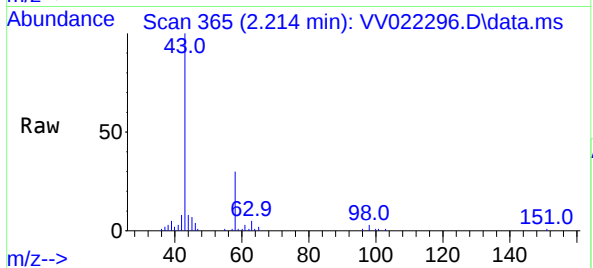
Tgt Ion: 96 Resp: 37096
Ion Ratio Lower Upper
96 100
61 166.3 127.4 236.6
63 107.2 100.0 185.6





#13
Acetone
Concen: 54.965 ug/L m
RT: 2.214 min Scan# 365
Delta R.T. 0.010 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

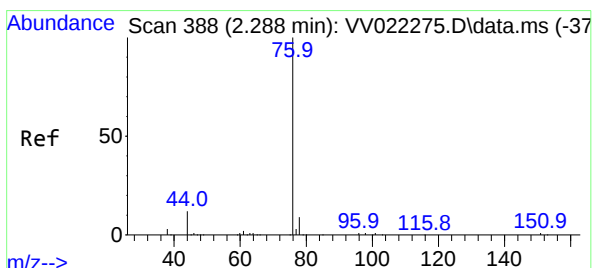
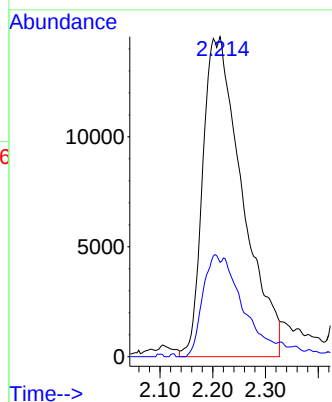
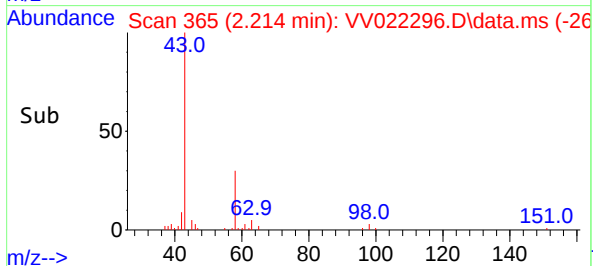
Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS



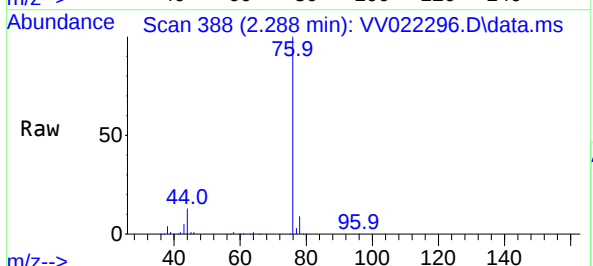
Tgt Ion: 43 Resp: 75807
Ion Ratio Lower Upper
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Manual Integrations
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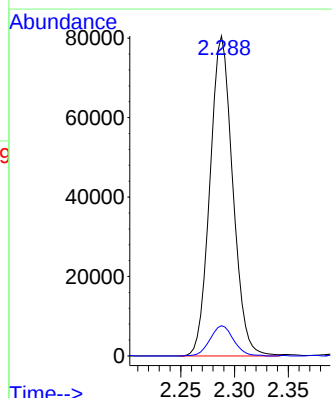
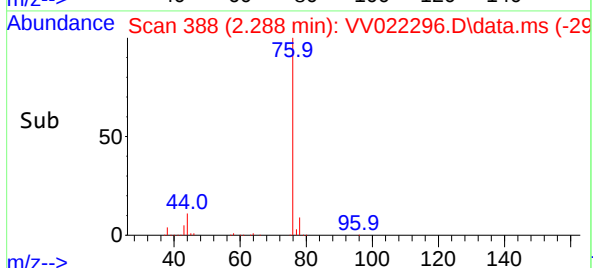
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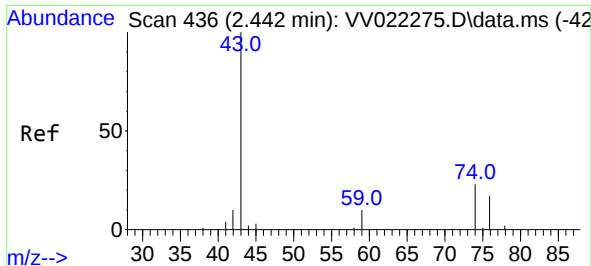


#14
Carbon disulfide
Concen: 5.258 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10



Tgt Ion: 76 Resp: 118710
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





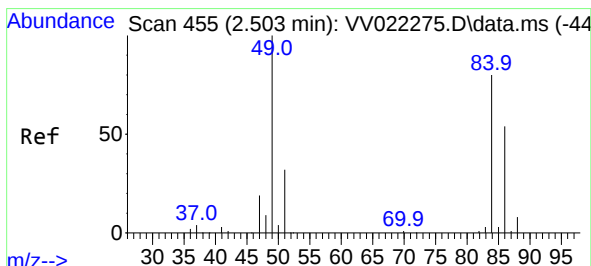
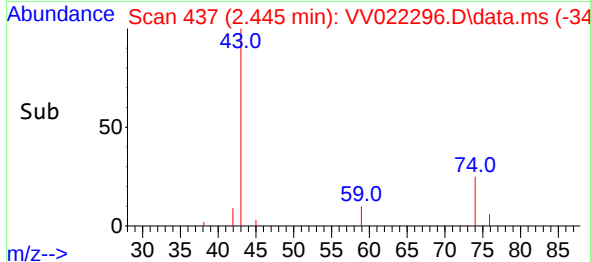
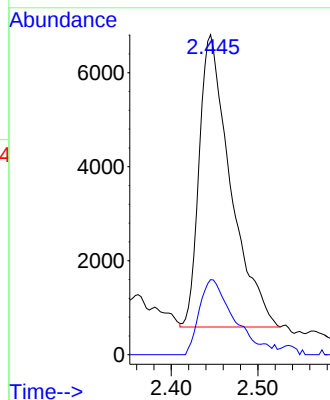
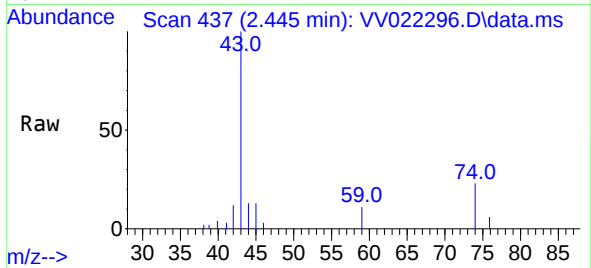
#15
Methyl Acetate
Concen: 5.112 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 43 Resp: 15646
Ion Ratio Lower Upper
43 100
74 29.0 17.5 26.3#

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

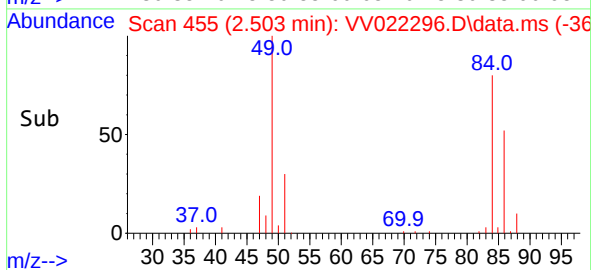
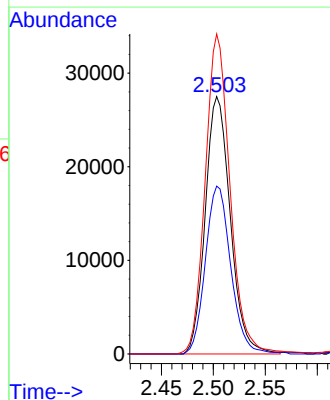
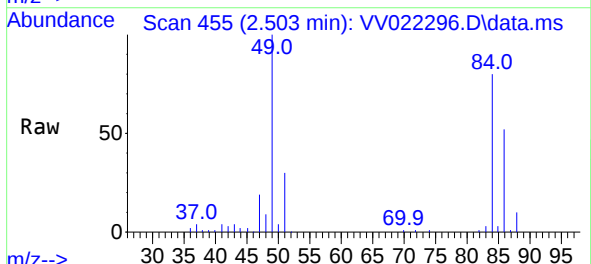
Manual Integrations
APPROVED

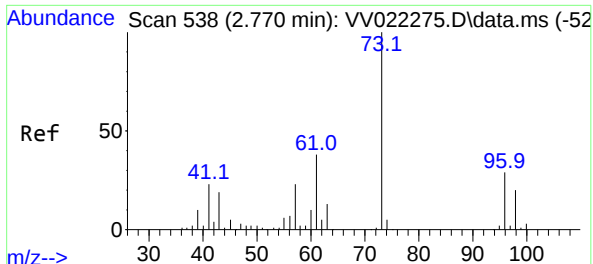
MMDadoda
9/27/2021 10:55:17 AM



#16
Methylene chloride
Concen: 4.002 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 84 Resp: 46233
Ion Ratio Lower Upper
84 100
86 65.2 47.1 87.5
49 124.3 86.9 161.5





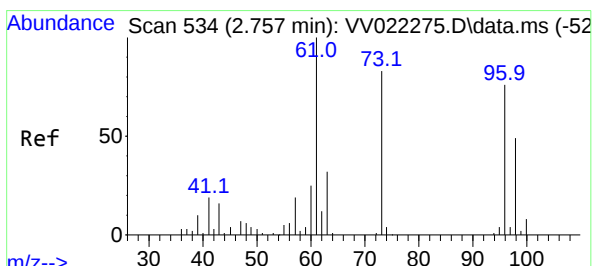
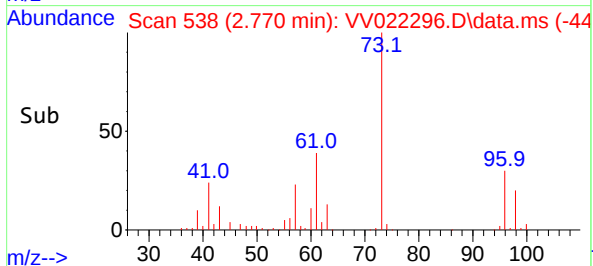
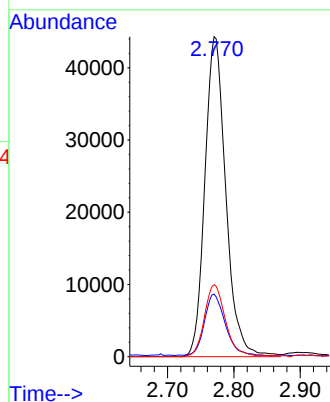
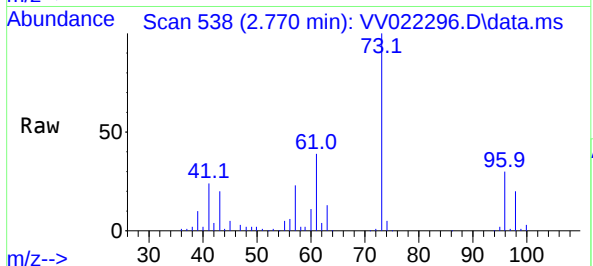
#17
Methyl tert-butyl Ether
Concen: 5.514 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 73	Resp: 97358
Ion Ratio	Lower Upper
73 100	
43 19.3	15.0 22.6
57 22.6	18.3 27.5

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

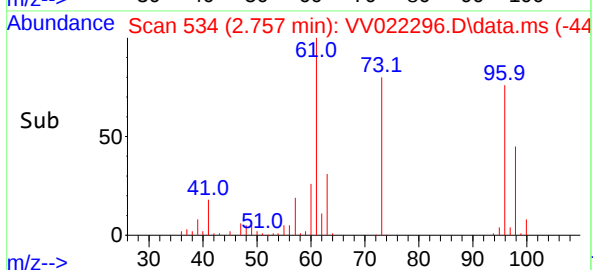
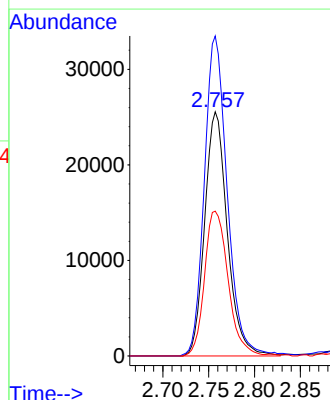
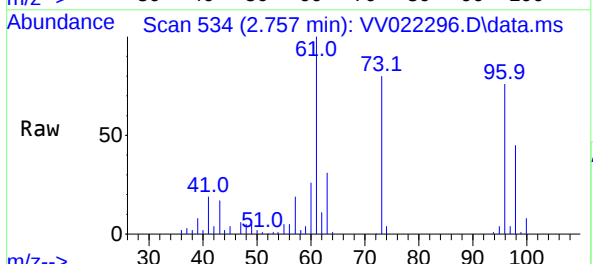
Manual Integrations
APPROVED

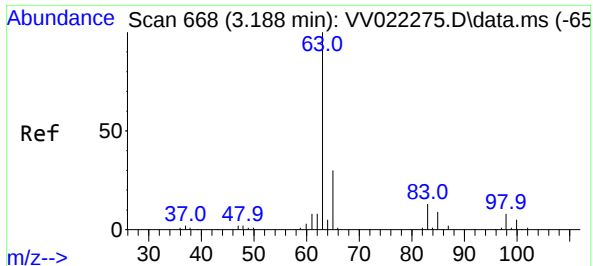
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 5.546 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 96	Resp: 43983
Ion Ratio	Lower Upper
96 100	
61 131.0	92.0 170.9
98 59.3	44.7 83.1





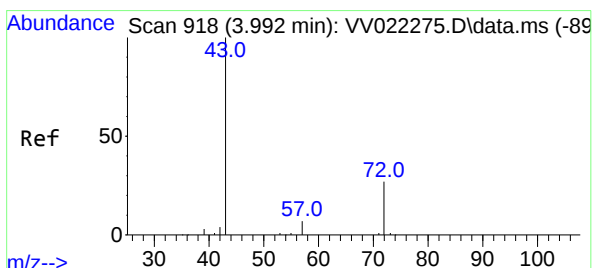
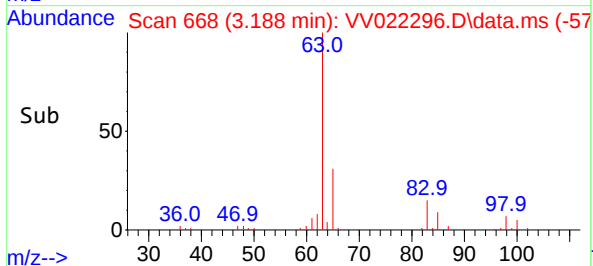
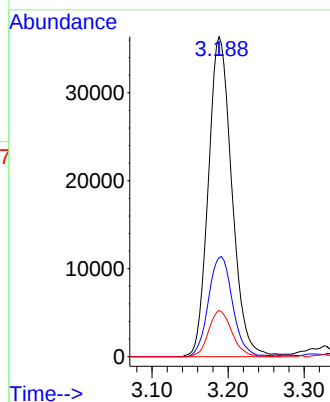
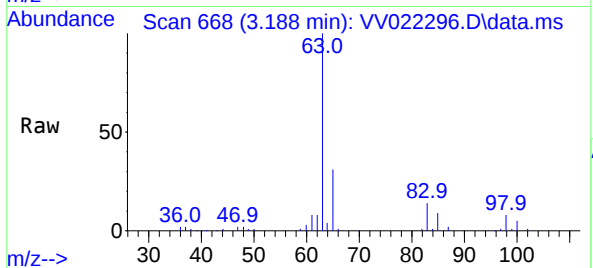
#19
1,1-Dichloroethane
Concen: 5.579 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	63	Resp:	78055
Ion	Ratio	Lower	Upper
63	100		
65	31.0	20.6	38.4
83	14.4	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

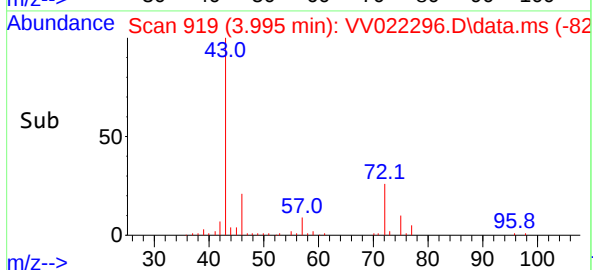
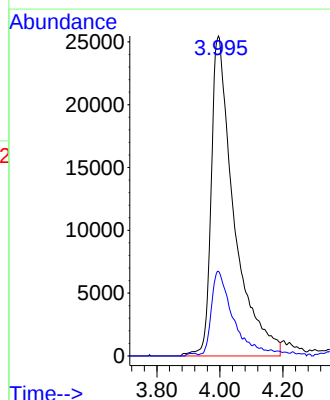
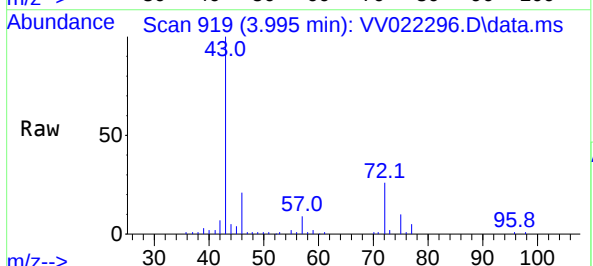
Manual Integrations
APPROVED

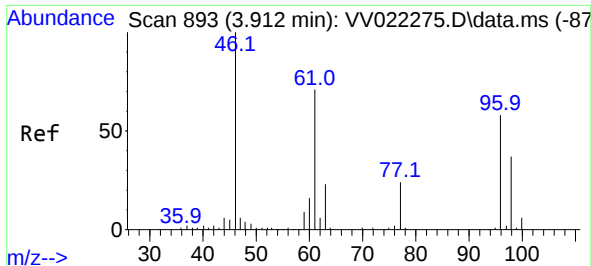
MMDadoda
9/27/2021 10:55:17 AM



#21
2-Butanone
Concen: 61.248 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

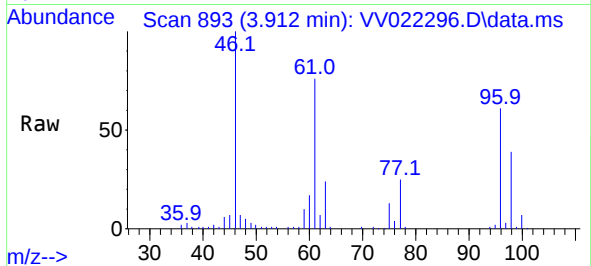
Tgt Ion:	43	Resp:	127792
Ion	Ratio	Lower	Upper
43	100		
72	21.4	12.4	37.2





#22
cis-1,2-Dichloroethene
Concen: 5.498 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

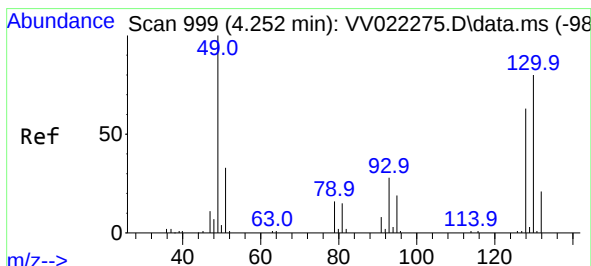
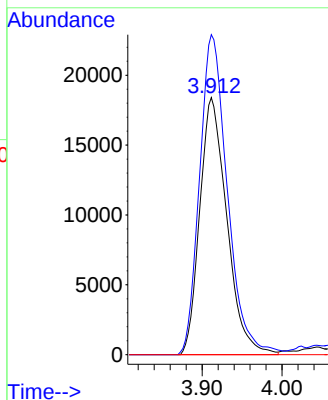
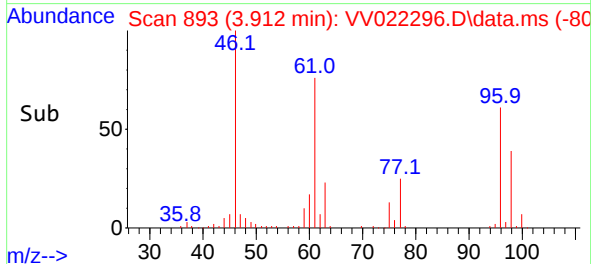
Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS



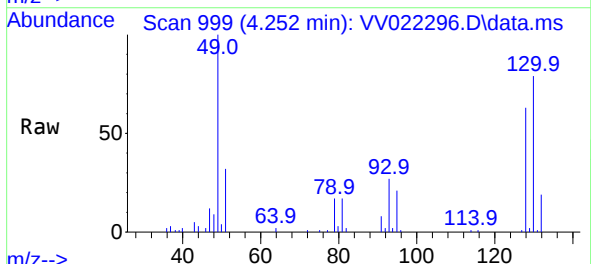
Tgt Ion: 96 Resp: 43337
Ion Ratio Lower Upper
96 100
61 124.5 85.8 159.3
68 0.0 0.0 0.0

Manual Integrations
APPROVED

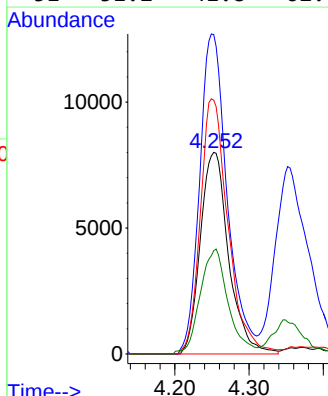
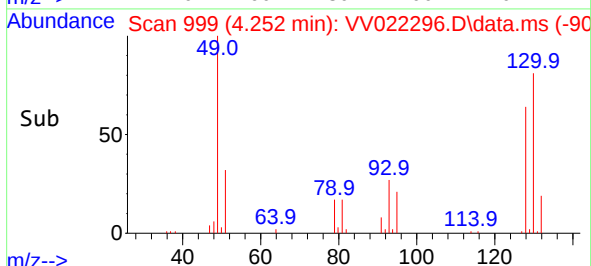
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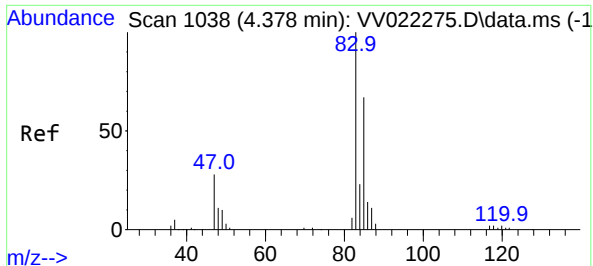


#23
Bromochloromethane
Concen: 5.696 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10



Tgt Ion: 128 Resp: 21196
Ion Ratio Lower Upper
128 100
49 158.4 110.9 205.9
130 125.9 88.3 163.9
51 51.2 41.8 62.6





#25

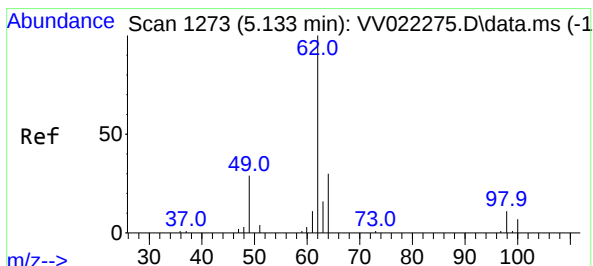
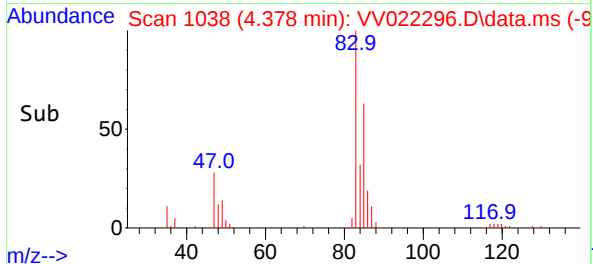
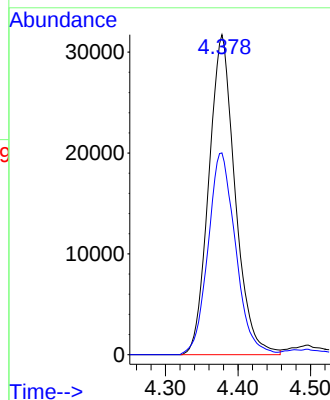
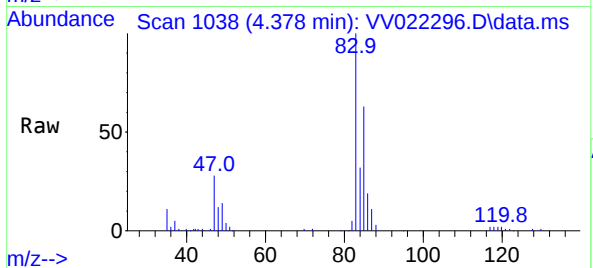
Chloroform
Concen: 5.591 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

Tgt Ion: 83 Resp: 79944
Ion Ratio Lower Upper
83 100
85 63.0 47.0 87.2

Manual Integrations
APPROVED

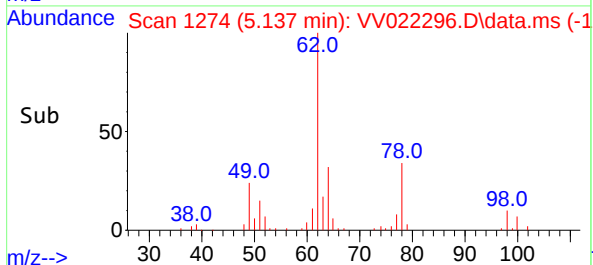
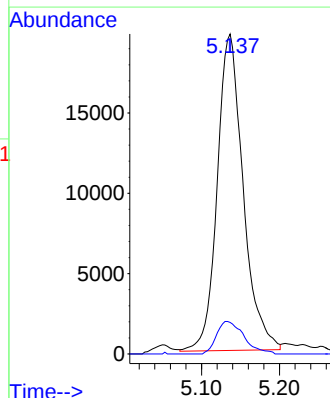
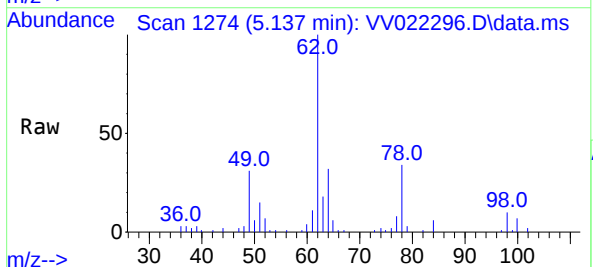
MMDadoda
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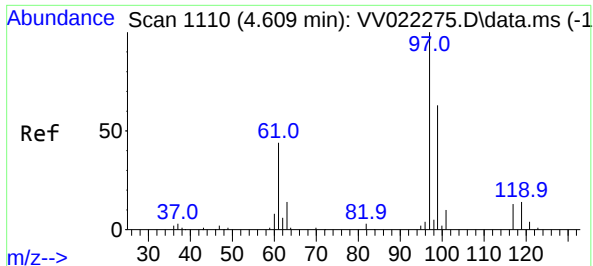


#27

1,2-Dichloroethane
Concen: 5.470 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 62 Resp: 45670
Ion Ratio Lower Upper
62 100
98 9.9 8.8 13.2





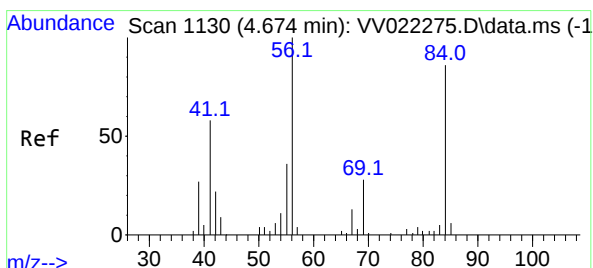
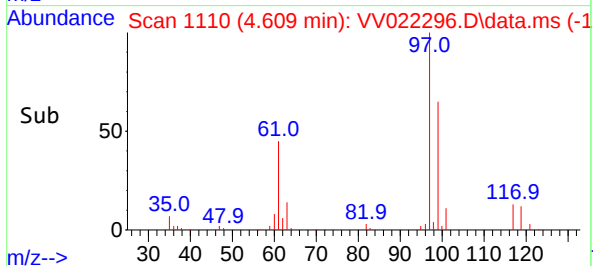
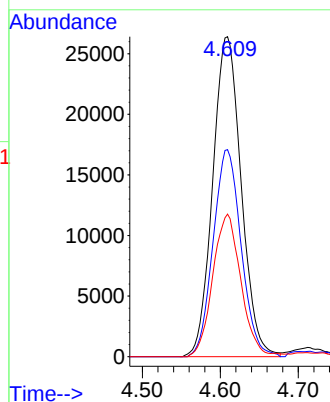
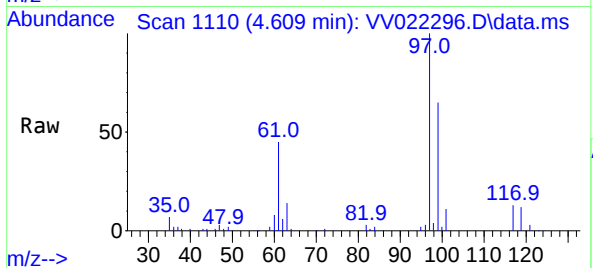
#29
1,1,1-Trichloroethane
Concen: 5.370 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

Tgt Ion:	97	Resp:	67128
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	43.6	35.5	53.3

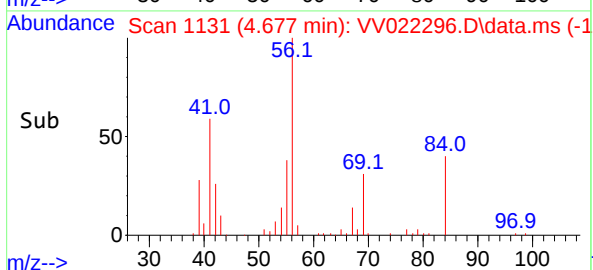
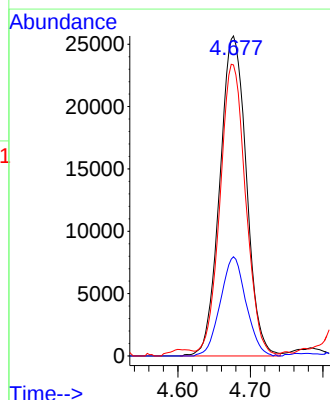
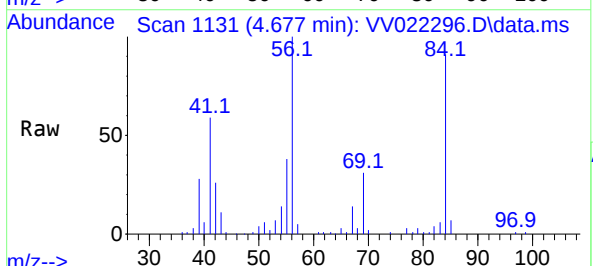
Manual Integrations
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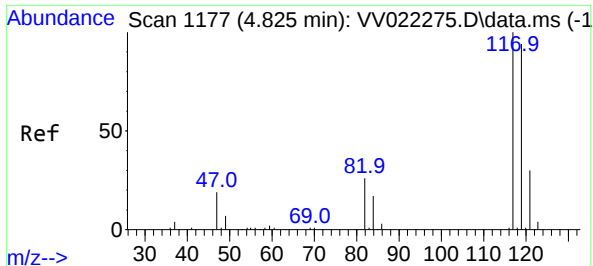
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#30
Cyclohexane
Concen: 5.239 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

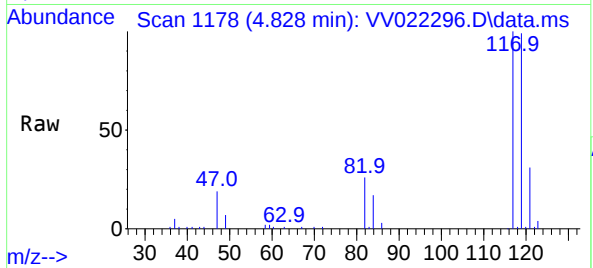
Tgt Ion:	56	Resp:	65387
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.1	36.1
84	87.2	70.8	106.2





#31
Carbon tetrachloride
Concen: 5.378 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

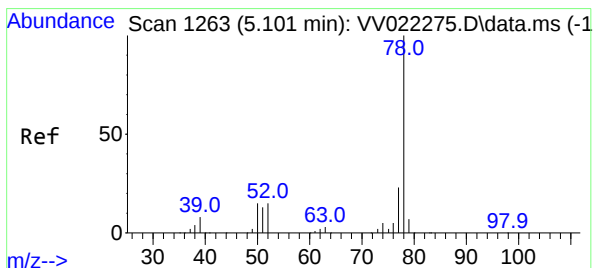
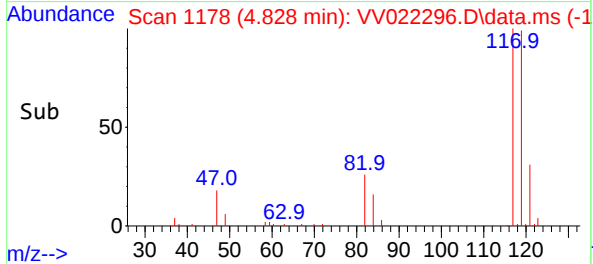
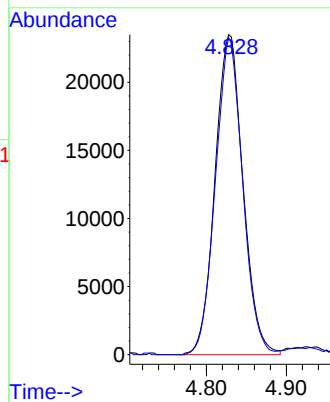
Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS



Tgt Ion:117 Resp: 57105
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7

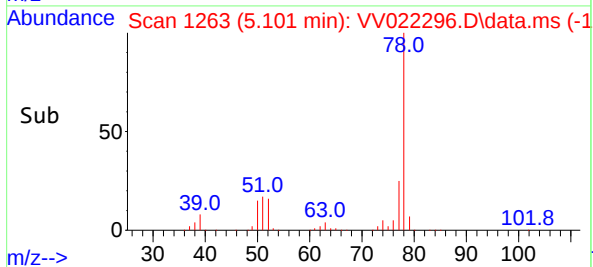
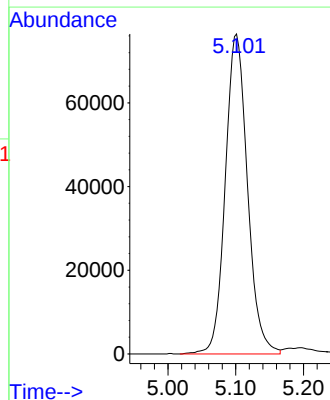
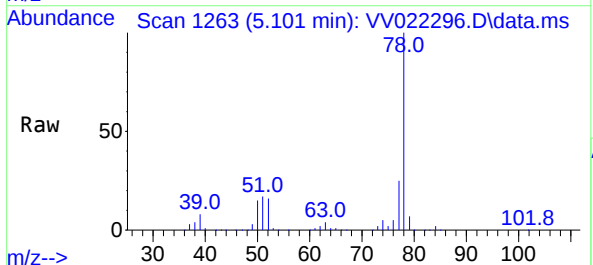
Manual Integrations
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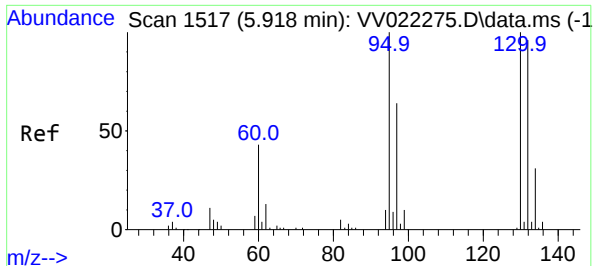
MMDadoda
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#33
Benzene
Concen: 5.512 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 78 Resp: 174020





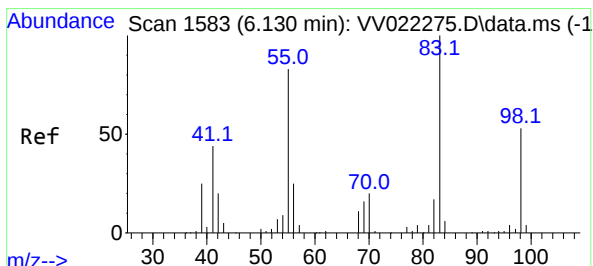
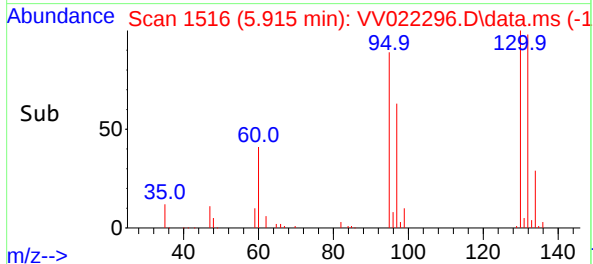
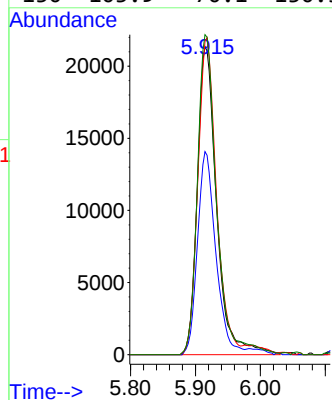
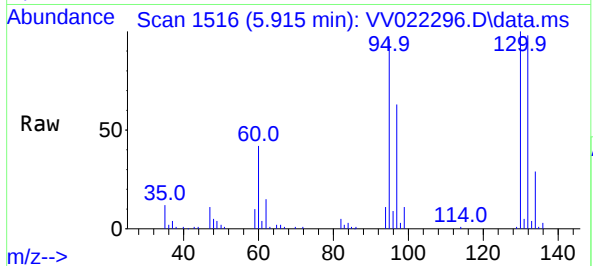
#34
Trichloroethene
Concen: 5.517 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 95 Resp: 44259
Ion Ratio Lower Upper
95 100
97 65.9 44.7 82.9
132 101.7 67.5 125.3
130 103.9 70.1 130.3

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

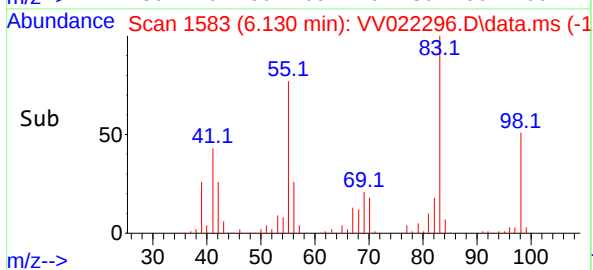
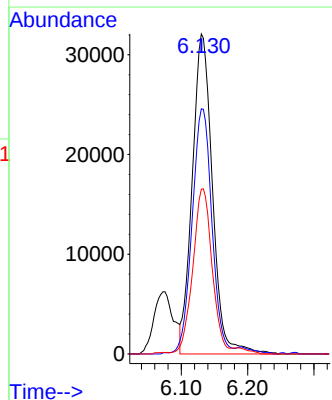
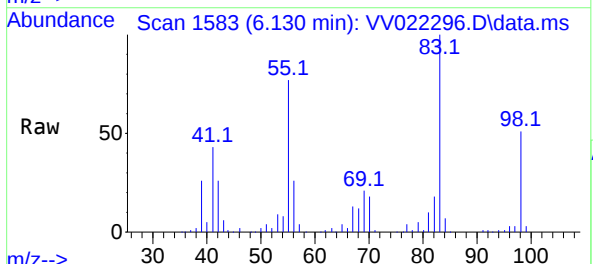
Manual Integrations
APPROVED

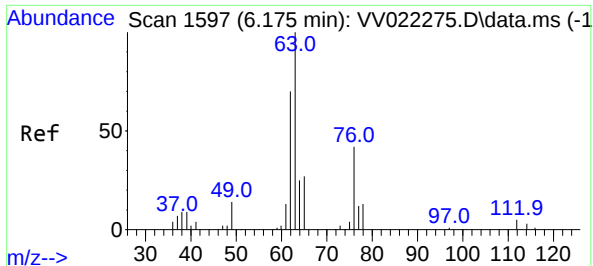
MMDadoda
9/27/2021 10:55:17 AM



#35
Methylcyclohexane
Concen: 5.300 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 83 Resp: 67901
Ion Ratio Lower Upper
83 100
55 75.2 60.2 90.2
98 48.4 39.5 59.3





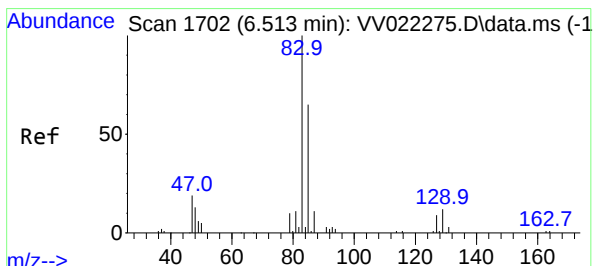
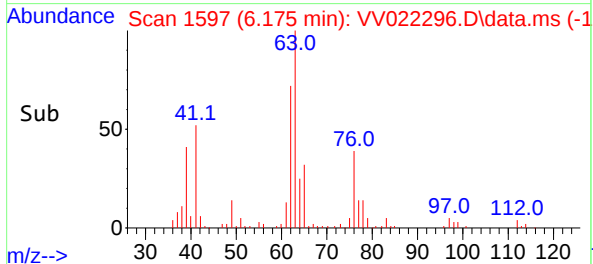
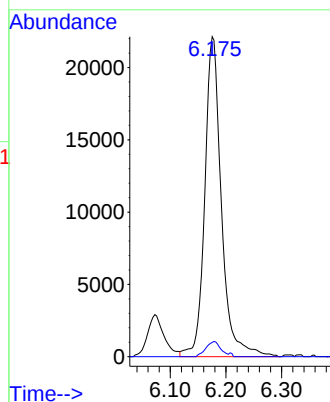
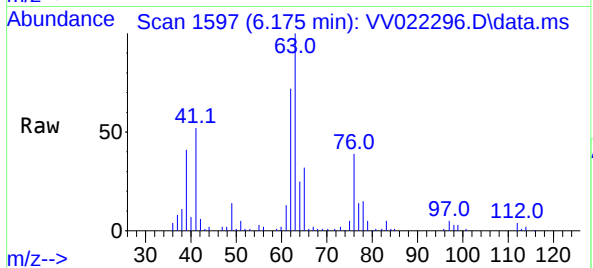
#37
1,2-Dichloropropane
Concen: 5.770 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 63 Resp: 45987
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.2

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

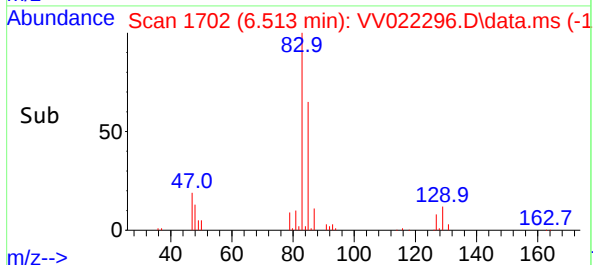
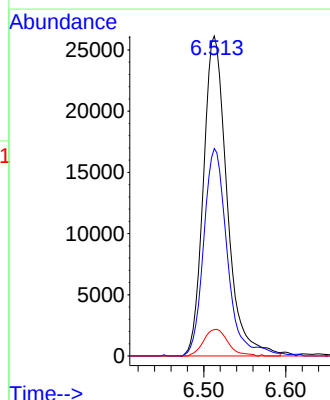
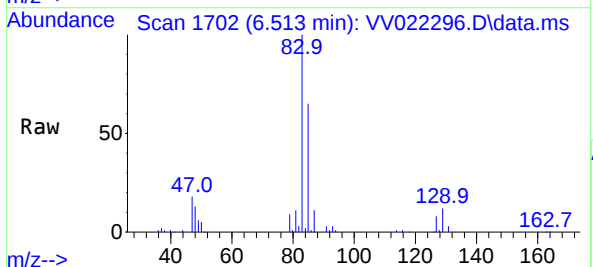
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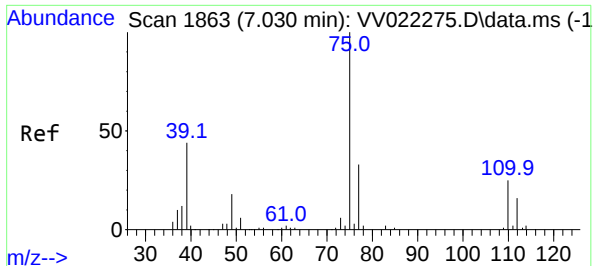
MMDadoda
9/27/2021 10:55:17 AM



#38
Bromodichloromethane
Concen: 5.452 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 83 Resp: 52357
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4
127 8.2 7.0 10.4





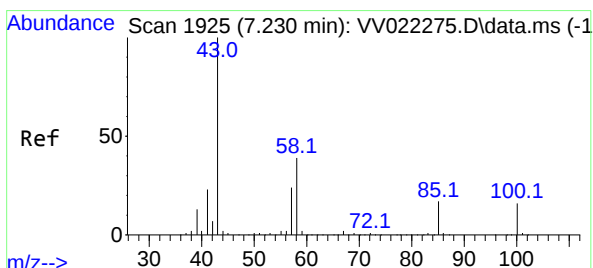
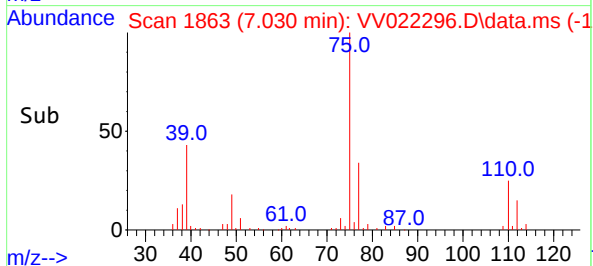
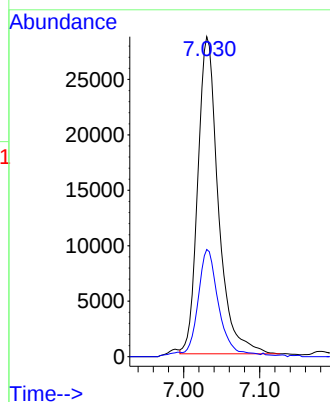
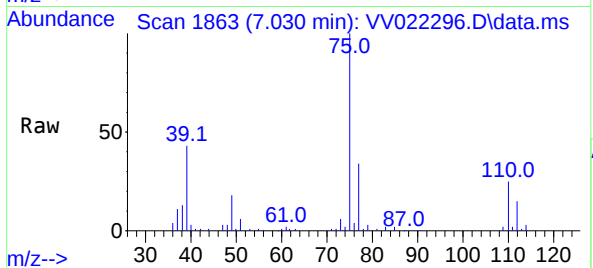
#39
cis-1,3-Dichloropropene
Concen: 5.087 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

Tgt Ion: 75 Resp: 53624
Ion Ratio Lower Upper
75 100
77 33.5 22.8 42.4

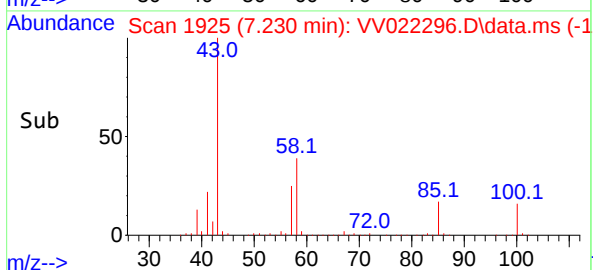
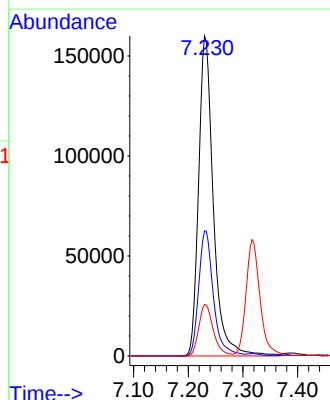
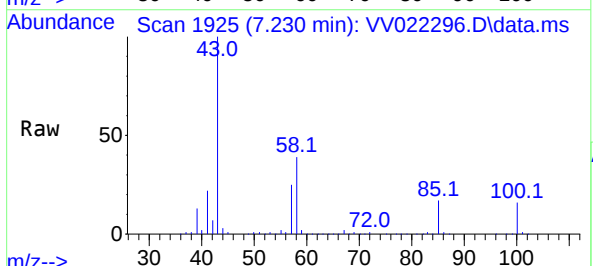
Manual Integrations
APPROVED

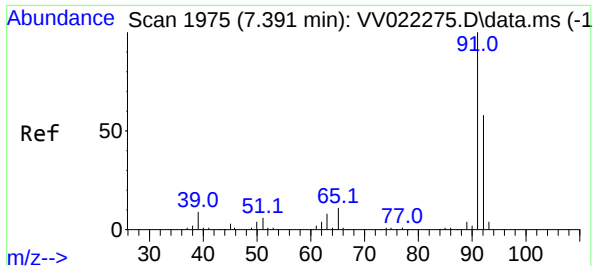
MMDadoda
9/27/2021 10:55:17 AM



#40
4-Methyl-2-pentanone
Concen: 58.404 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 43 Resp: 299999
Ion Ratio Lower Upper
43 100
58 38.9 31.7 47.5
100 15.8 12.2 18.4





#42

Toluene

Concen: 5.681 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV022296.D

Acq: 23 Sep 2021 20:10

Tgt Ion: 91 Resp: 189991

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4

Instrument :

MSVOA_V

ClientSampled :

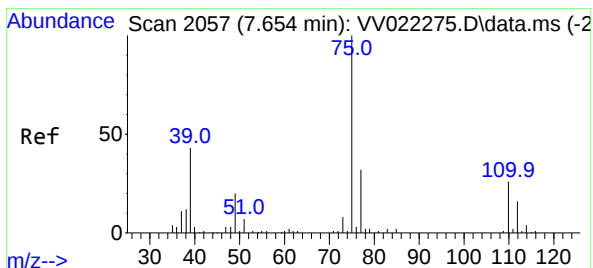
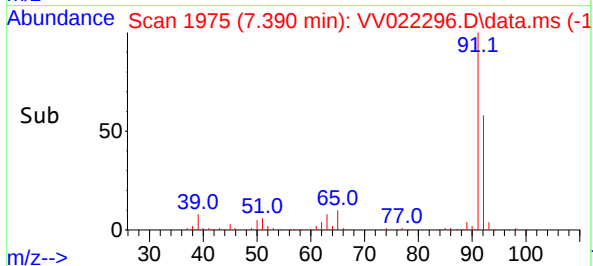
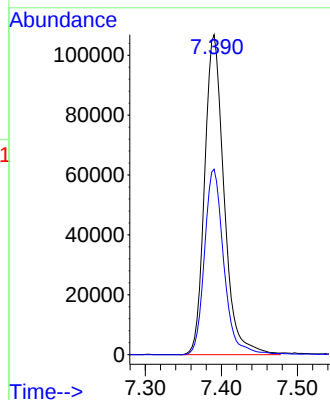
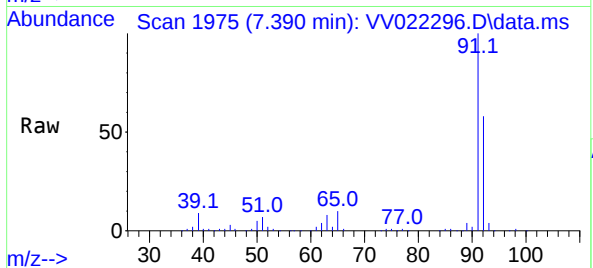
EW7Y6MS

Manual Integrations

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#44

trans-1,3-Dichloropropene

Concen: 5.420 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV022296.D

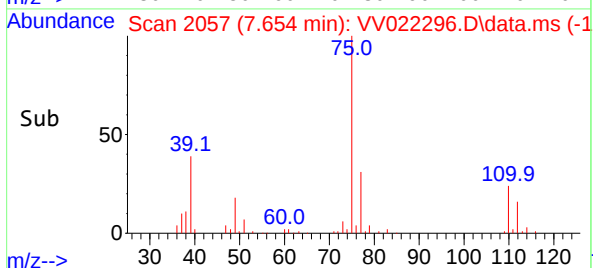
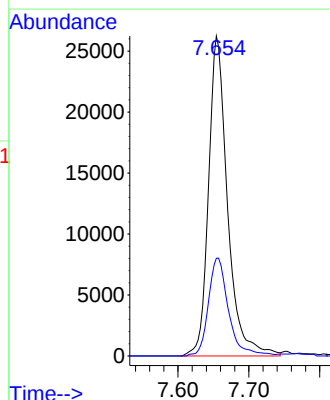
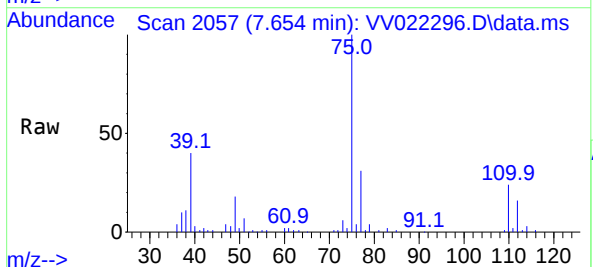
Acq: 23 Sep 2021 20:10

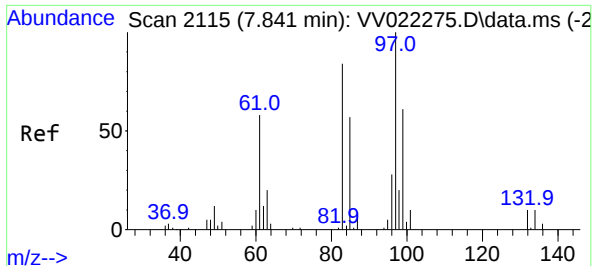
Tgt Ion: 75 Resp: 48830

Ion Ratio Lower Upper

75 100

77 30.5 22.8 42.4





#45

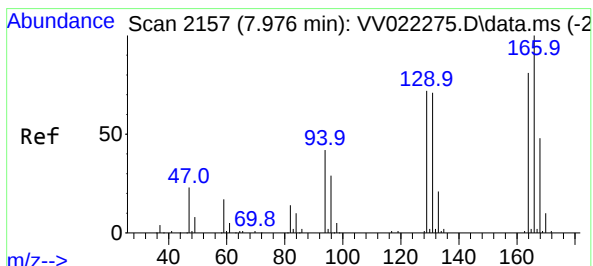
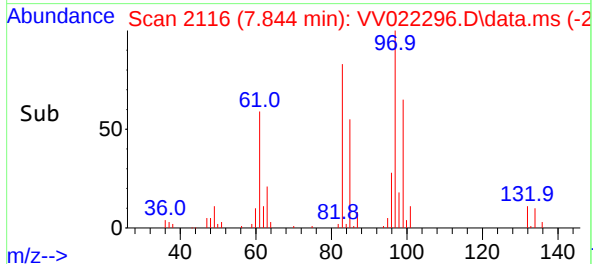
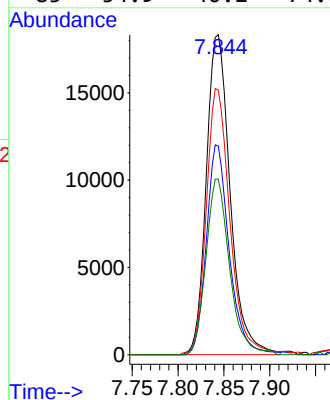
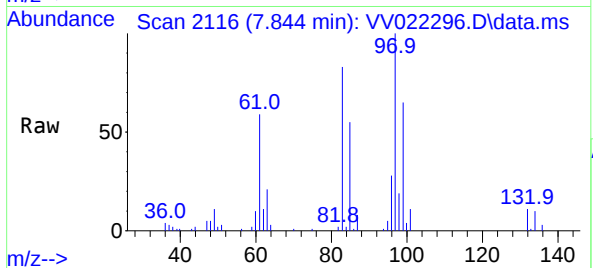
1,1,2-Trichloroethane
Concen: 5.515 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	97	Resp:	33234
Ion	Ratio	Lower	Upper
97	100		
99	65.2	42.6	79.2
83	82.7	58.9	109.5
85	54.9	40.2	74.6

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

Manual Integrations
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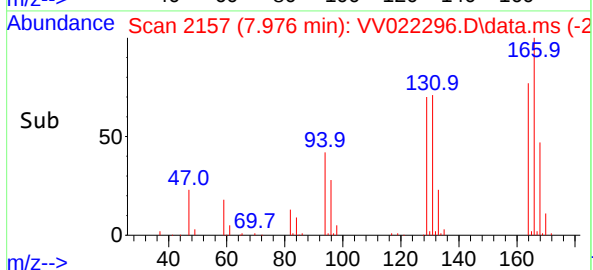
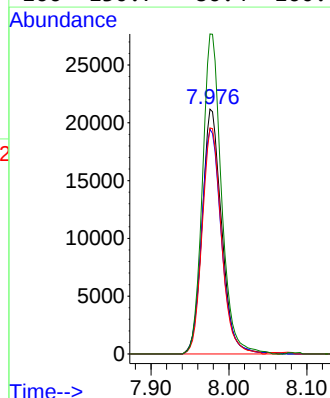
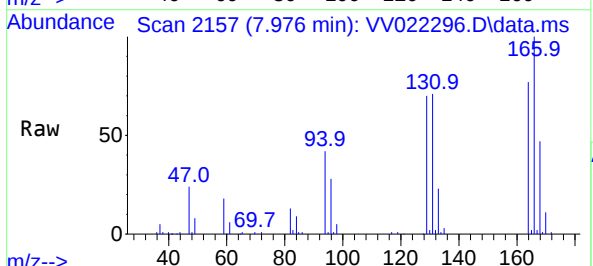
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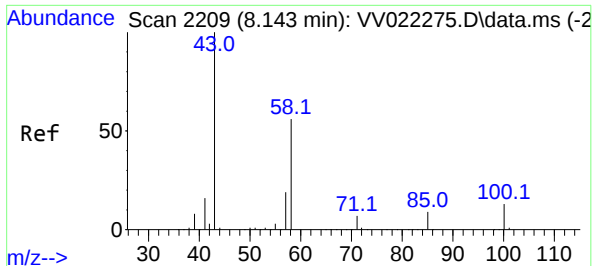


#47

Tetrachloroethene
Concen: 5.400 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	164	Resp:	36741
Ion	Ratio	Lower	Upper
164	100		
129	91.7	61.9	115.1
131	92.4	61.0	113.4
166	130.7	86.4	160.4





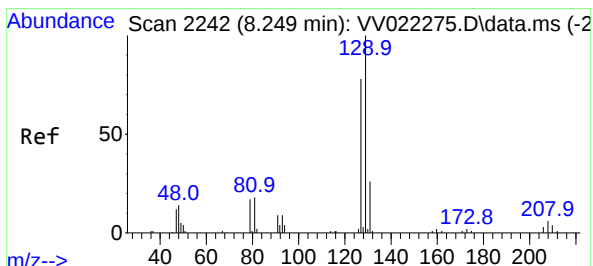
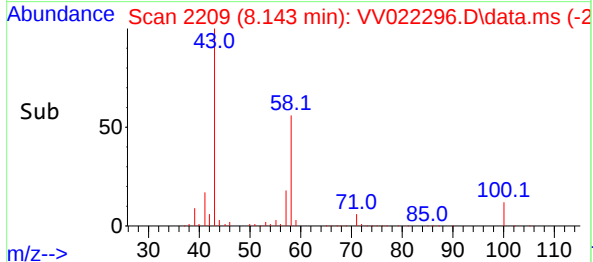
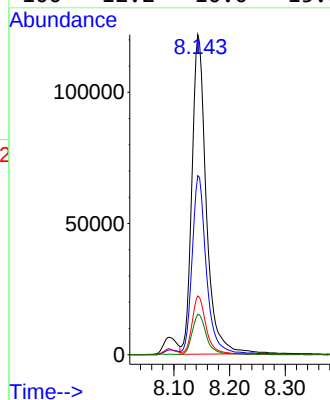
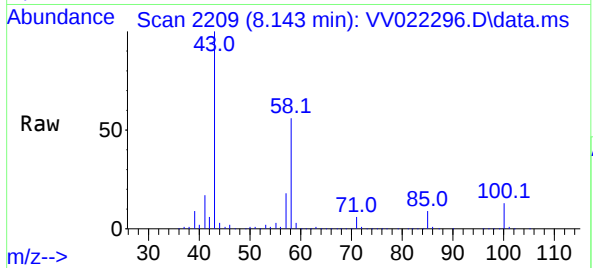
#48
2-Hexanone
Concen: 60.483 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 43 Resp: 218306
Ion Ratio Lower Upper
43 100
58 54.5 44.1 66.1
57 17.9 14.2 21.4
100 12.2 10.0 15.0

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

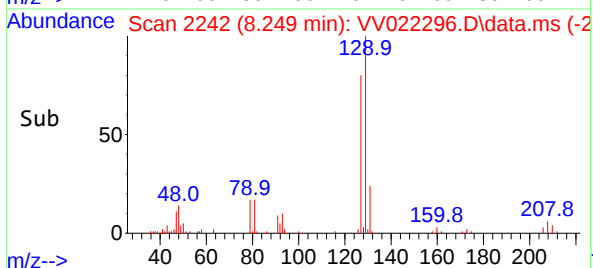
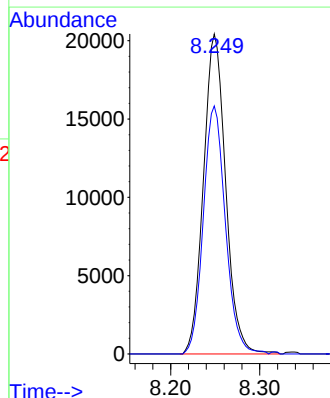
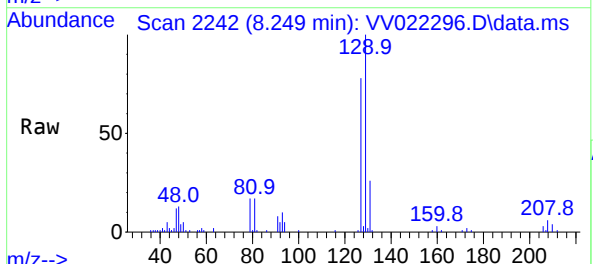
Manual Integrations
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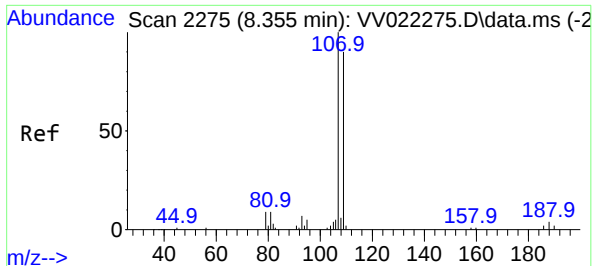
MMDadoda
9/27/2021 10:55:17 AM



#49
Dibromochloromethane
Concen: 5.459 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

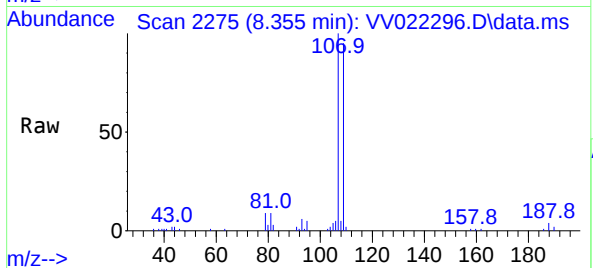
Tgt Ion: 129 Resp: 35379
Ion Ratio Lower Upper
129 100
127 77.5 54.5 101.3





#50
1,2-Dibromoethane
Concen: 5.494 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

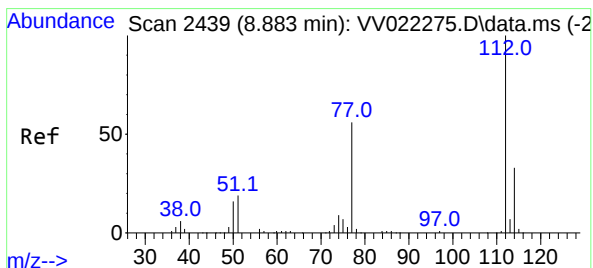
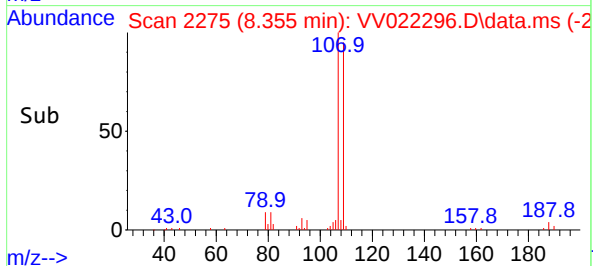
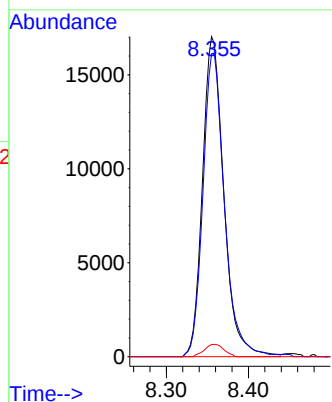
Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS



Tgt Ion:107 Resp: 30781
Ion Ratio Lower Upper
107 100
109 94.7 62.8 116.6
188 3.8 2.8 4.2

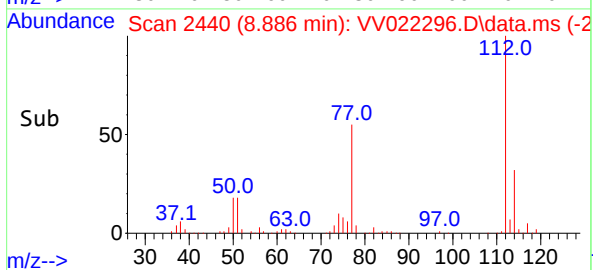
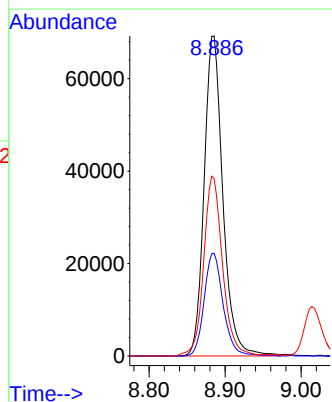
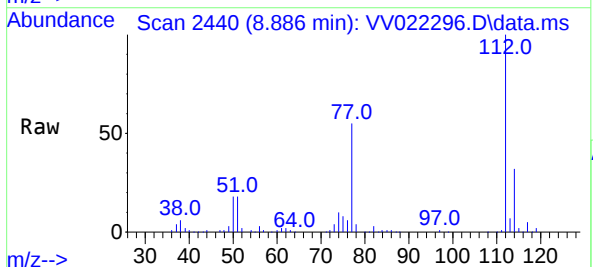
Manual Integrations
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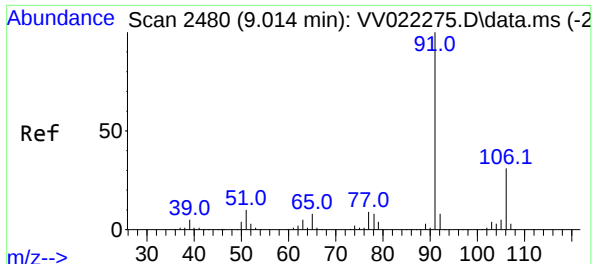
MMDadoda
9/27/2021 10:55:17 AM



#51
Chlorobenzene
Concen: 5.396 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:112 Resp: 118538
Ion Ratio Lower Upper
112 100
114 32.1 23.4 43.4
77 55.5 45.2 67.8





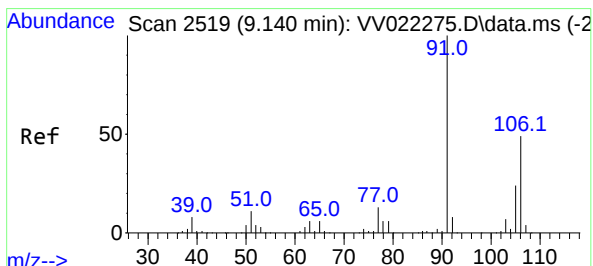
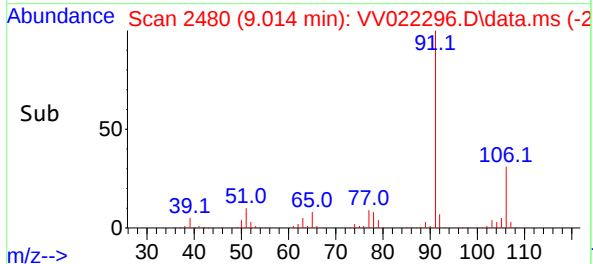
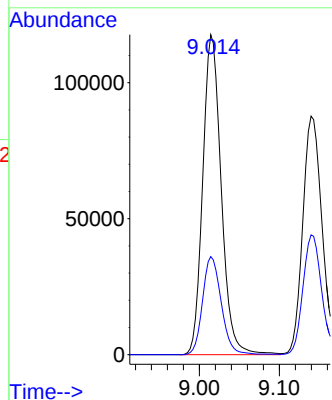
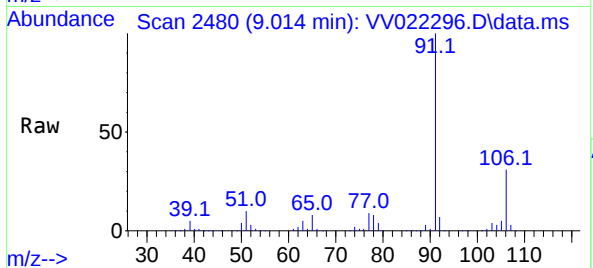
#52
Ethylbenzene
Concen: 5.447 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 91 Resp: 189519
Ion Ratio Lower Upper
91 100
106 30.7 22.0 40.8

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

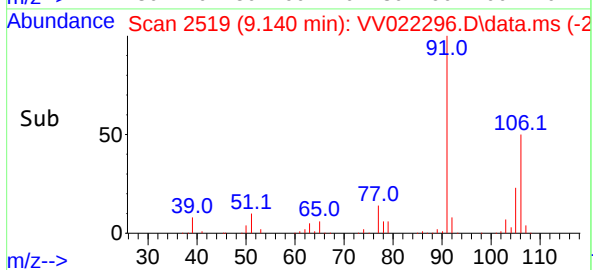
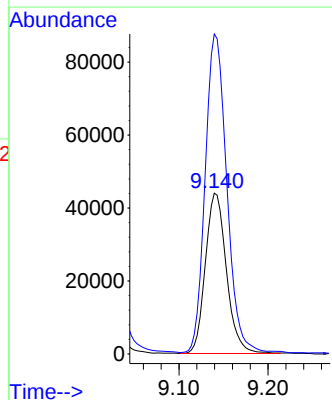
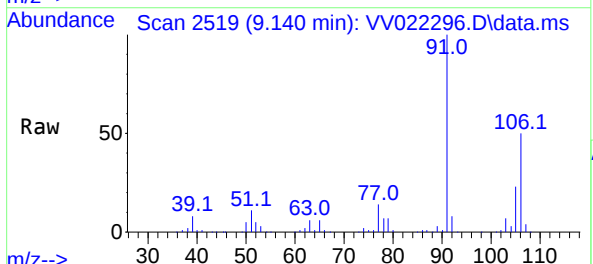
Manual Integrations
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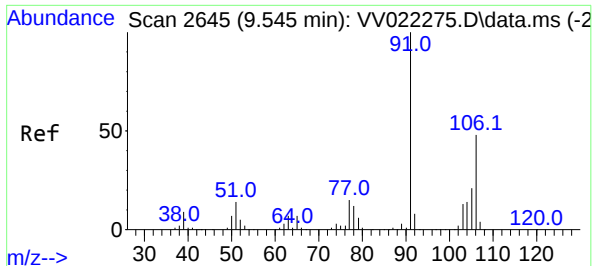
MMDadoda
9/27/2021 10:55:17 AM



#53
m,p-xylene
Concen: 5.371 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

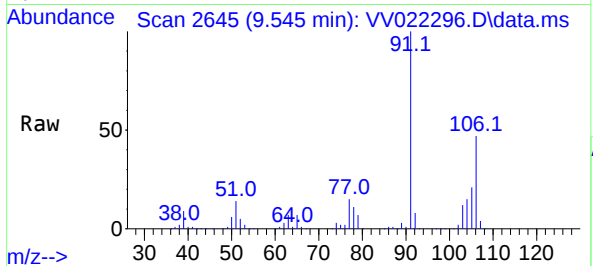
Tgt Ion: 106 Resp: 72167
Ion Ratio Lower Upper
106 100
91 199.0 142.7 264.9





#54
o-xylene
Concen: 5.398 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

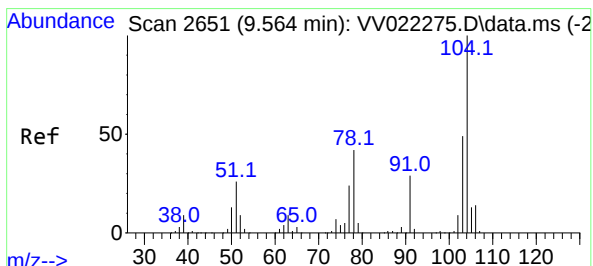
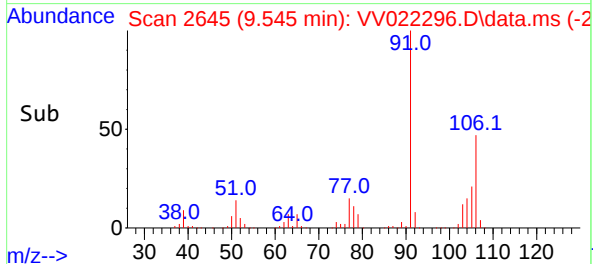
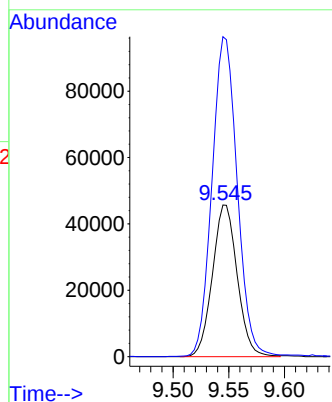
Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS



Tgt Ion:106 Resp: 70679
Ion Ratio Lower Upper
106 100
91 211.0 144.7 268.7

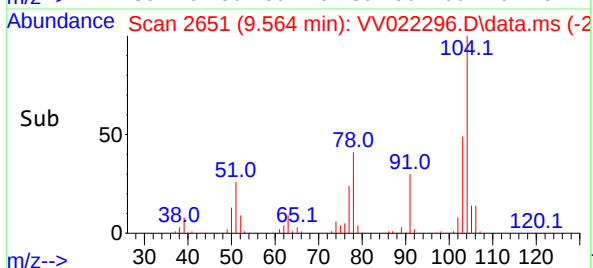
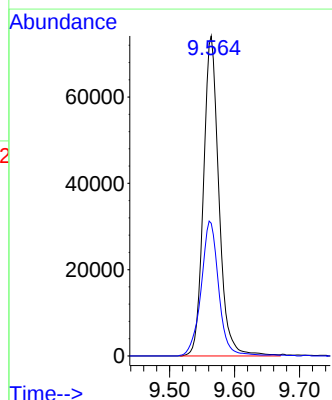
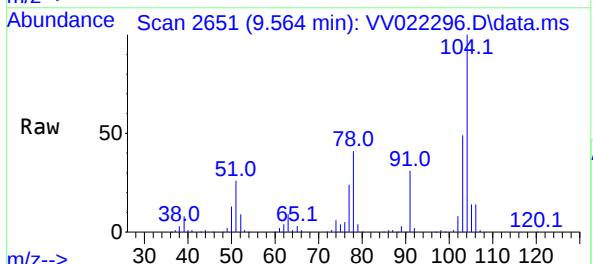
Manual Integrations
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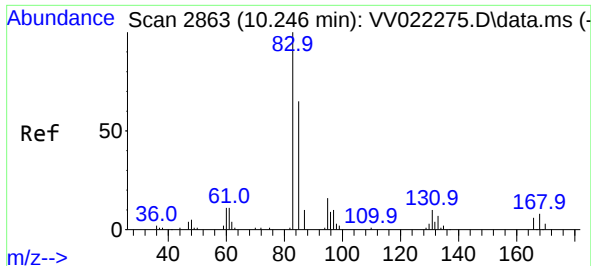
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#55
Styrene
Concen: 5.664 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:104 Resp: 123046
Ion Ratio Lower Upper
104 100
78 41.4 29.1 54.1





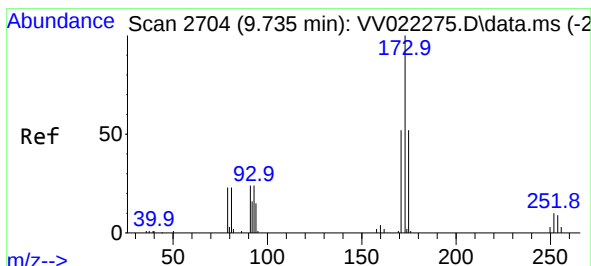
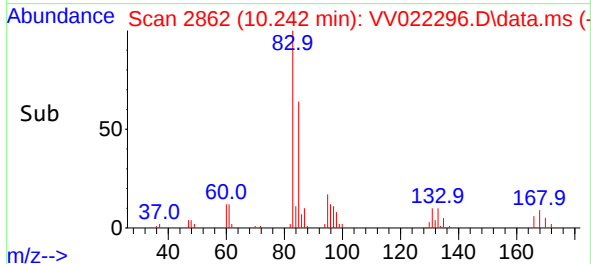
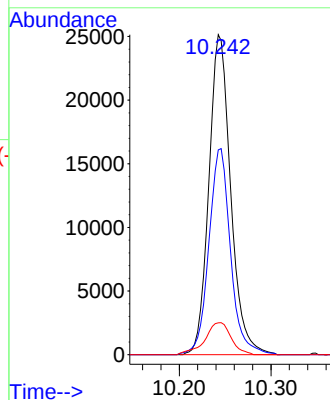
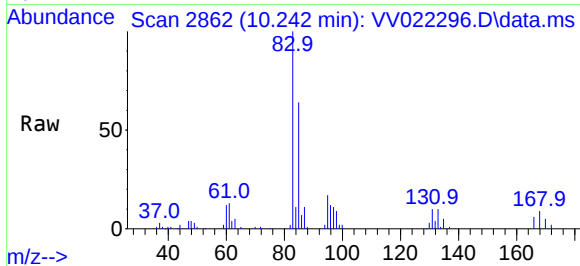
#57
1,1,2,2-Tetrachloroethane
Concen: 5.552 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	83	Resp:	41550
Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.3	84.1
131	10.0	8.9	13.3

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

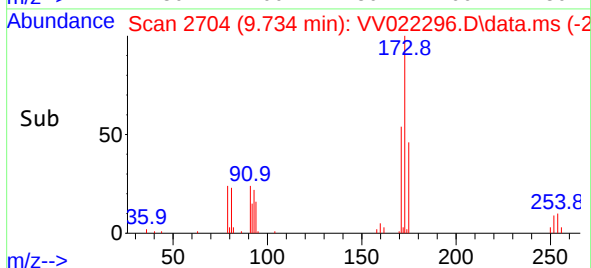
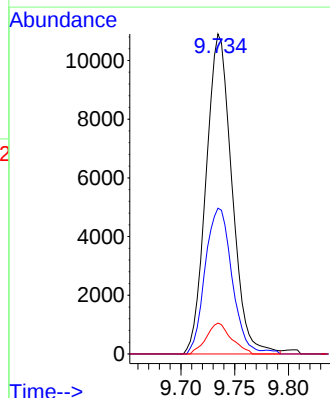
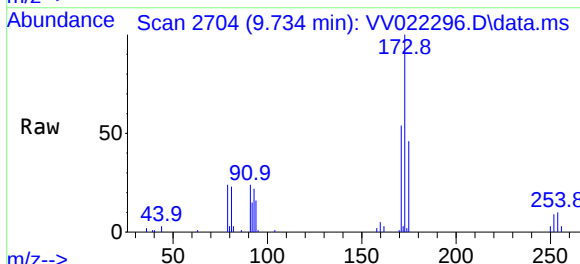
Manual Integrations
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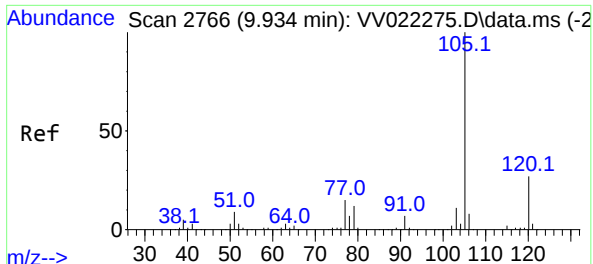
MMDadoda
9/27/2021 10:55:17 AM



#59
Bromoform
Concen: 5.142 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	173	Resp:	18208
Ion	Ratio	Lower	Upper
173	100		
175	47.1	40.9	61.3
254	9.3	7.4	11.2





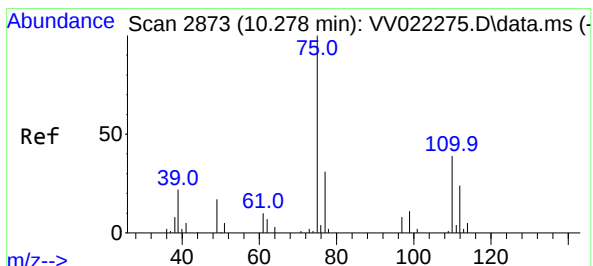
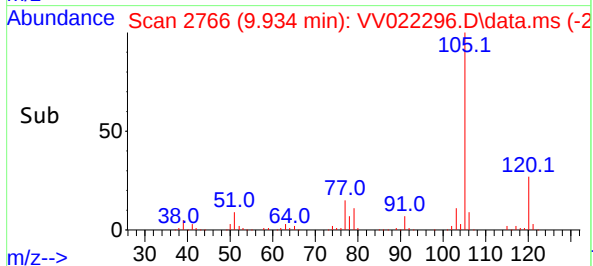
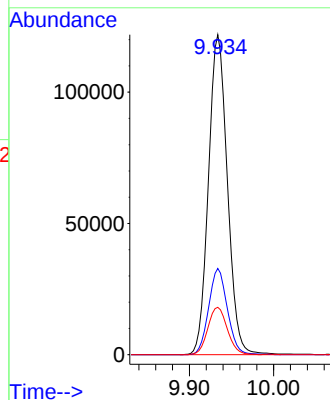
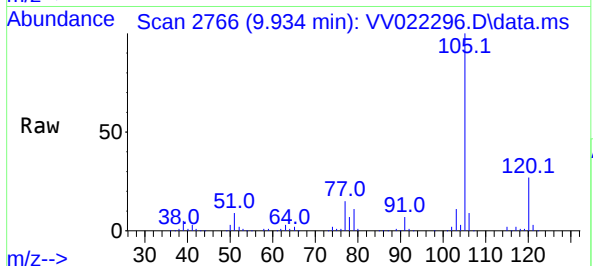
#60
Isopropylbenzene
Concen: 5.385 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 105 Resp: 190478
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.3 12.3 18.5

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

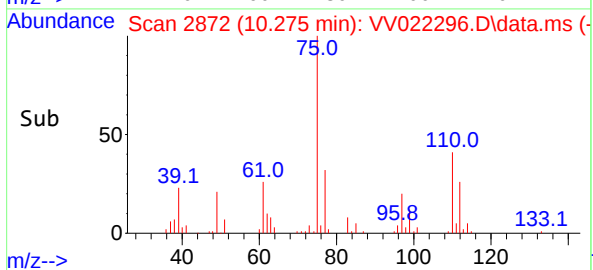
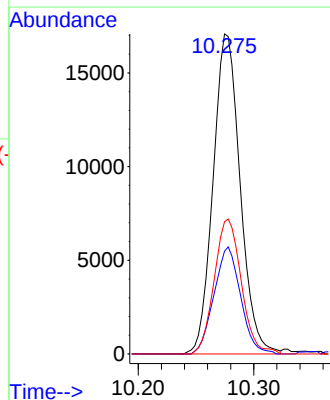
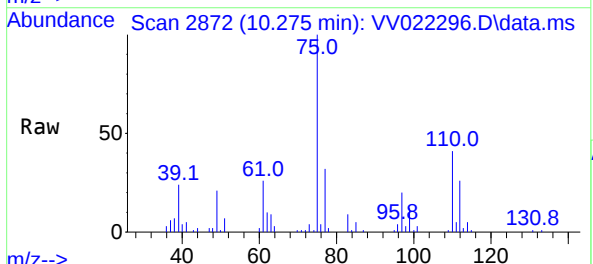
Manual Integrations
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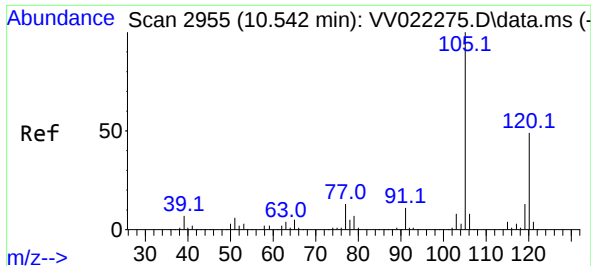
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#61
1,2,3-Trichloropropane
Concen: 5.044 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion: 75 Resp: 27769
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
110 42.1 31.7 47.5





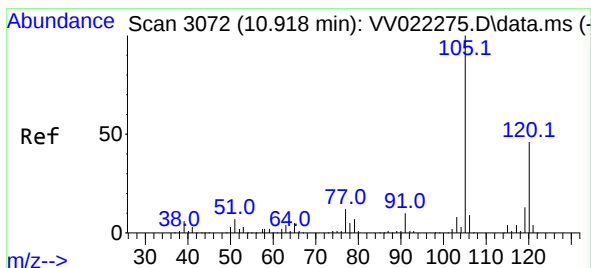
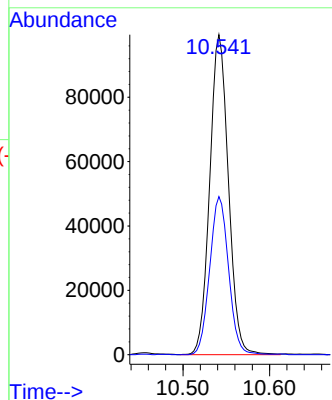
#62
1,3,5-Trimethylbenzene
Concen: 5.158 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:105 Resp: 148991
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4

Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

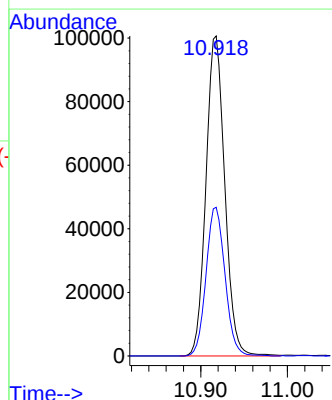
Manual Integrations
APPROVED

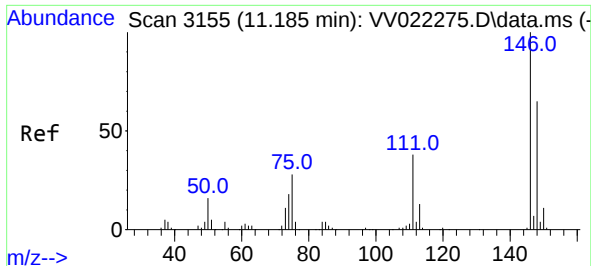
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#63
1,2,4-Trimethylbenzene
Concen: 5.272 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:105 Resp: 151801
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.6





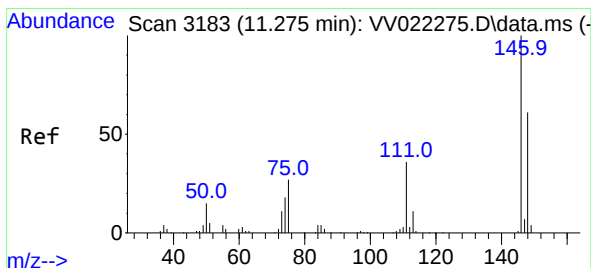
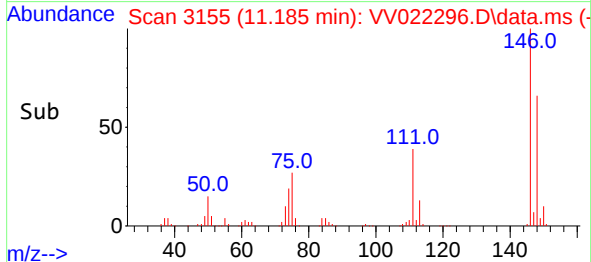
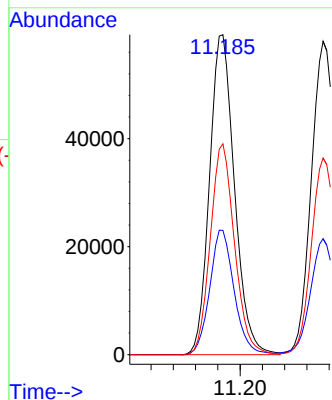
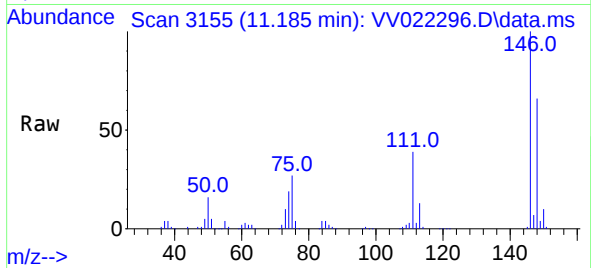
#64
1,3-Dichlorobenzene
Concen: 5.291 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:146 Resp: 92109
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 65.9 45.7 84.9

Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS

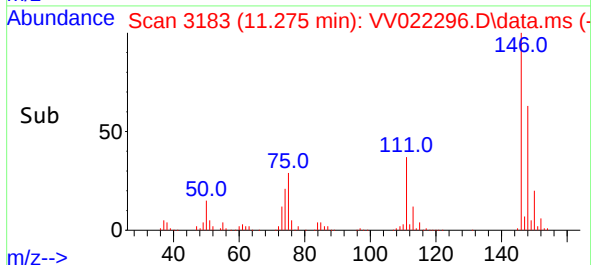
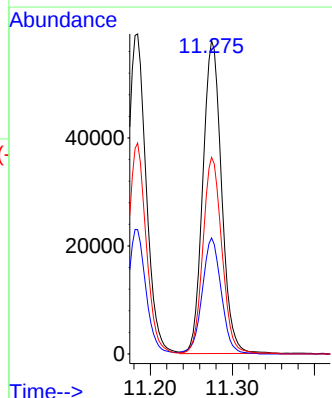
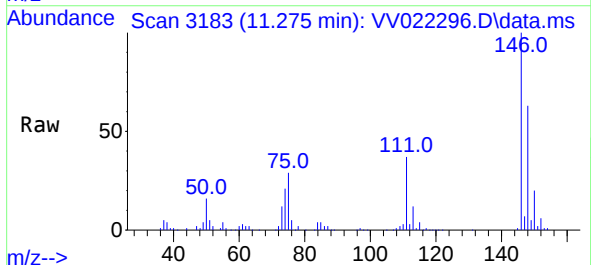
Manual Integrations
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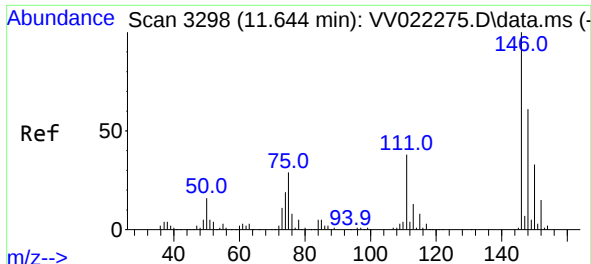
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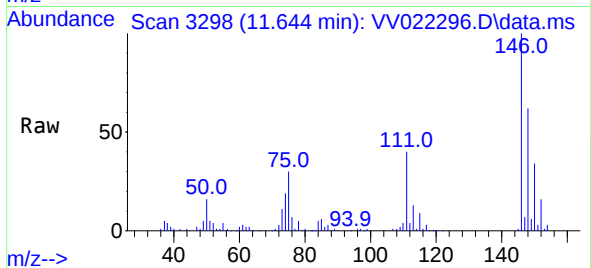
#65
1,4-Dichlorobenzene
Concen: 5.207 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:146 Resp: 91862
Ion Ratio Lower Upper
146 100
111 37.0 25.5 47.3
148 62.7 42.6 79.0

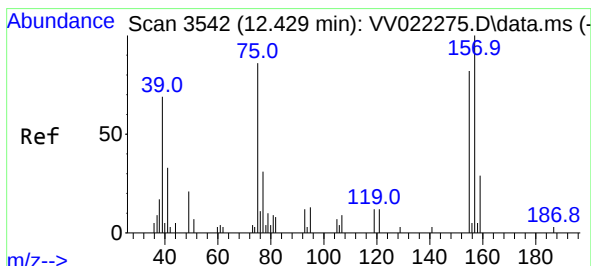
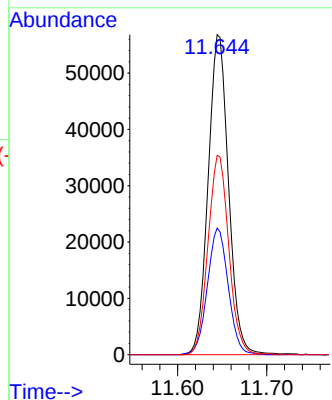
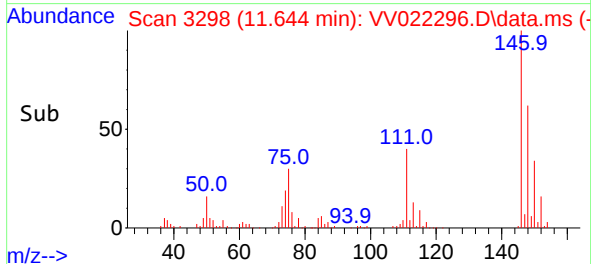




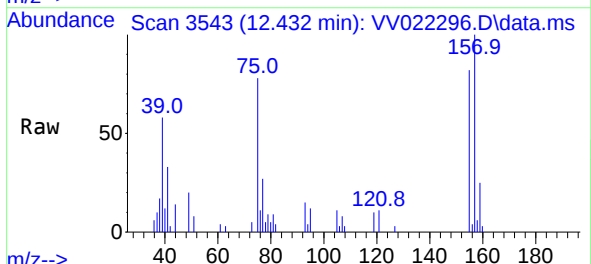
#67
1,2-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10



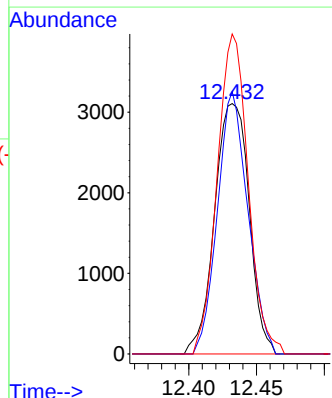
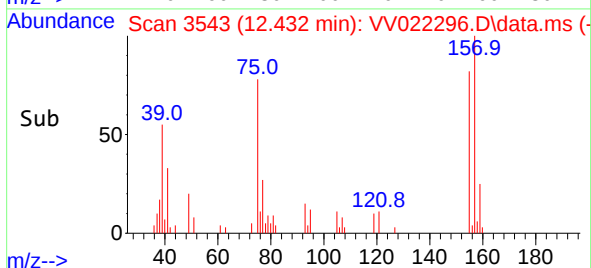
Tgt Ion:146 Resp: 90172
Ion Ratio Lower Upper
146 100
111 39.6 30.8 46.2
148 62.3 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.031 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10



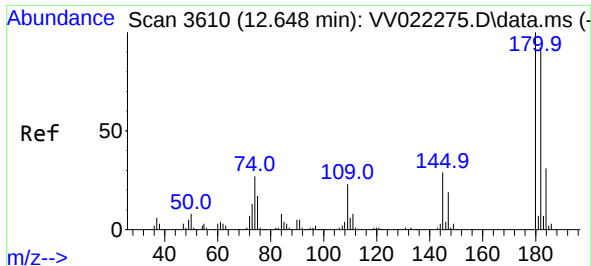
Tgt Ion: 75 Resp: 5507
Ion Ratio Lower Upper
75 100
155 104.8 75.6 113.4
157 127.8 92.6 139.0



Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS

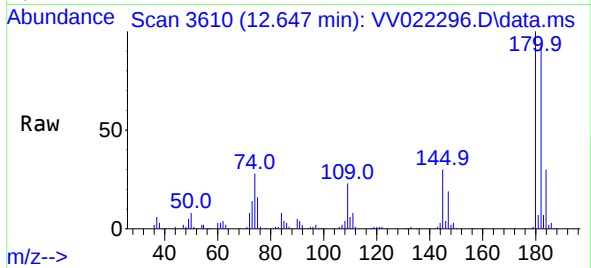
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#69
1,3,5-Trichlorobenzene
Concen: 5.125 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

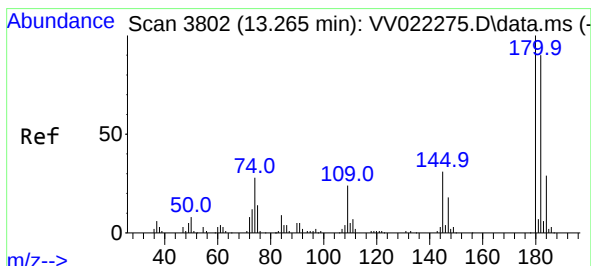
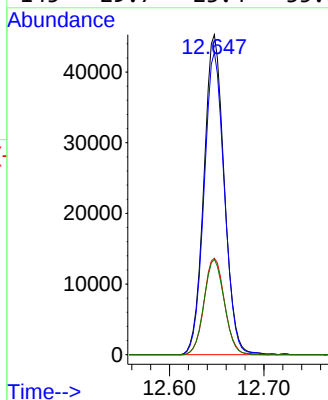
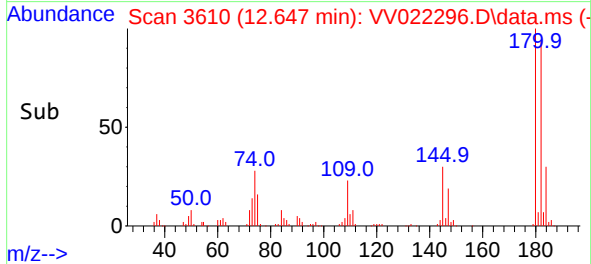
Instrument :
MSVOA_V
ClientSampled :
EW7Y6MS



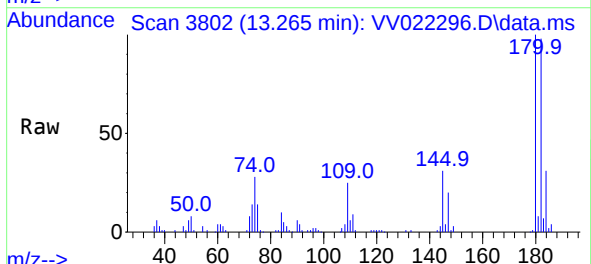
Tgt Ion:180 Resp: 67677
Ion Ratio Lower Upper
180 100
182 94.2 74.6 112.0
184 30.3 24.0 36.0
145 29.7 23.4 35.0

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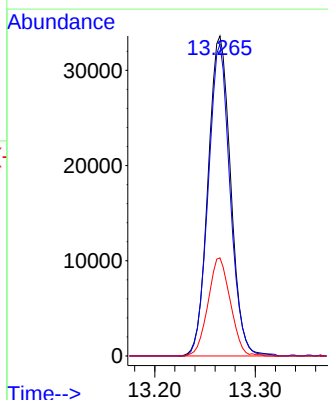
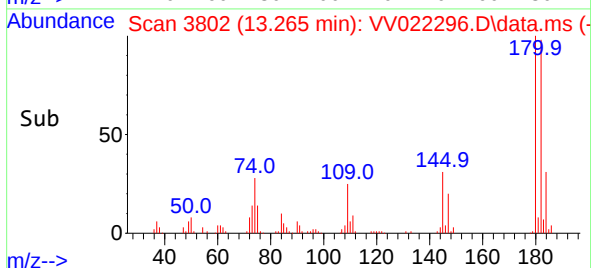
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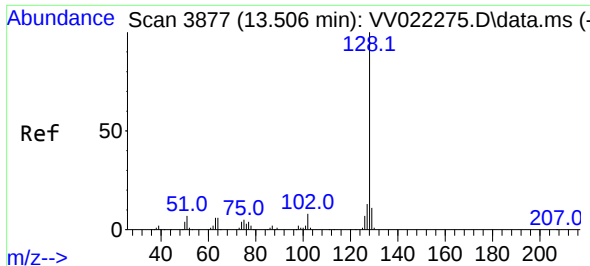


#70
1,2,4-trichlorobenzene
Concen: 4.970 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10



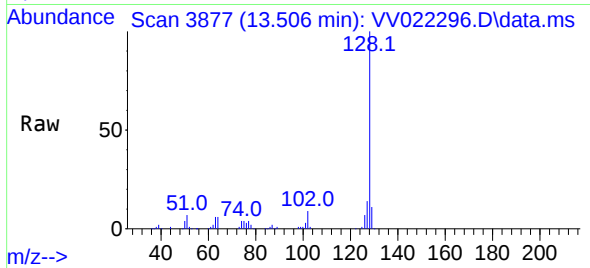
Tgt Ion:180 Resp: 52285
Ion Ratio Lower Upper
180 100
182 94.3 73.1 109.7
145 30.4 23.6 35.4





#71
Naphthalene
Concen: 4.915 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

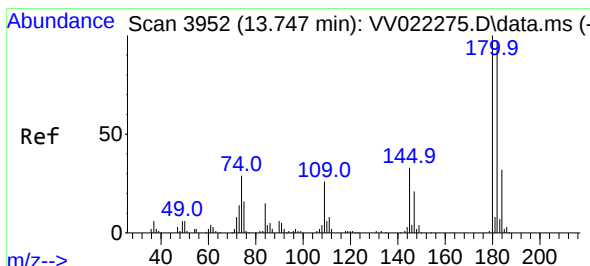
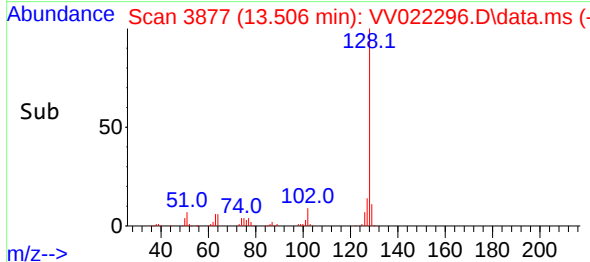
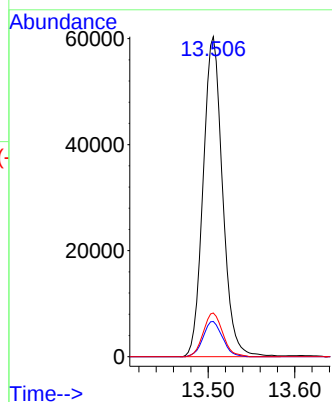
Instrument :
MSVOA_V
ClientSampleId :
EW7Y6MS



Tgt Ion:	128	Resp:	93969
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.7	9.9	14.9

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 5.327 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV022296.D
Acq: 23 Sep 2021 20:10

Tgt Ion:	180	Resp:	52367
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.9	115.3
145	31.1	26.0	39.0

