

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102721\
 Data File : VY006501.D
 Acq On : 27 Oct 2021 17:04
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:37:16 PM

Quant Time: Oct 28 06:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 05:46:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	204317	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	190430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	92338	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	80148	22.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.765	69	55035	20.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	3.857	63	102676	17.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.720%
21) 2-Butanone-d5	6.893	46	48710	51.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.900%
24) Chloroform-d	7.484	84	117230	22.777	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	8.149	65	81428	24.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.118	84	255761	24.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	9.124	67	77602	25.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.185	98	237816	23.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.441	79	38030	23.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.788	63	33946	49.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.820%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	55857	23.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	13.721	152	79647	25.005	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	3421	0.896	ug/L	97
3) Chloromethane	2.119	50	3438	0.920	ug/L	94
5) Vinyl chloride	2.259	62	4505	1.030	ug/L #	77
6) Bromomethane	2.662	94	2046	1.032	ug/L	89
8) Chloroethane	2.802	64	1970	0.796	ug/L	89
9) Trichlorofluoromethane	3.137	101	5104	0.945	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.899	101	3417m	1.252	ug/L	
12) 1,1-Dichloroethene	3.881	96	3336	1.267	ug/L #	1
13) Acetone	3.954	43	2240	2.071	ug/L	87
14) Carbon disulfide	4.204	76	8070	0.847	ug/L	98
15) Methyl Acetate	4.497	43	1782m	1.055	ug/L	
16) Methylene chloride	4.728	84	8549	2.373	ug/L	95
17) trans-1,2-Dichloroethene	5.234	96	2647	0.957	ug/L	93
18) Methyl tert-butyl Ether	5.222	73	6315	0.873	ug/L #	75
19) 1,1-Dichloroethane	6.033	63	4901	0.978	ug/L	95
20) cis-1,2-Dichloroethene	7.002	96	2661	0.918	ug/L	69
22) 2-Butanone	6.984	43	2116	1.757	ug/L #	63
23) Bromochloromethane	7.350	128	1192	0.904	ug/L	86
25) Chloroform	7.515	83	15811	2.880	ug/L	96

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 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	8.246	62	3786	0.970	ug/L	95
29) Cyclohexane	7.789	56	4619	0.943	ug/L	98
30) 1,1,1-Trichloroethane	7.704	97	4724	0.977	ug/L	99
31) Carbon tetrachloride	7.911	117	4074	0.931	ug/L	98
33) Benzene	8.167	78	11038	0.949	ug/L	100
34) Trichloroethene	8.941	95	2841	0.962	ug/L	90
35) Methylcyclohexane	9.185	83	4879	0.946	ug/L	98
37) 1,2-Dichloropropane	9.222	63	2946	1.059	ug/L #	95
38) Bromodichloromethane	9.502	83	3805	0.996	ug/L	89
39) cis-1,3-Dichloropropene	9.929	75	4421m	1.000	ug/L	
40) 4-Methyl-2-pentanone	10.075	43	3847	1.724	ug/L	99
42) Toluene	10.246	91	15050	1.197	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	4488m	1.075	ug/L	
45) 1,1,2-Trichloroethane	10.648	97	1939	0.943	ug/L	89
46) Tetrachloroethene	10.721	164	2307	0.946	ug/L	95
48) 2-Hexanone	10.837	43	3154	1.811	ug/L	98
49) Dibromochloromethane	10.983	129	2324	0.901	ug/L	94
50) 1,2-Dibromoethane	11.087	107	1740	0.908	ug/L #	89
51) Chlorobenzene	11.520	112	6857	0.900	ug/L	96
52) Ethylbenzene	11.593	91	12241	0.913	ug/L	97
53) m,p-Xylene	11.703	106	4674	0.910	ug/L	87
54) o-Xylene	12.032	106	4281	0.870	ug/L	87
55) Styrene	12.044	104	6862	0.800	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	2034	0.908	ug/L #	94
59) Bromoform	12.203	173	1396	0.896	ug/L	92
60) Isopropylbenzene	12.331	105	11252	0.903	ug/L	97
61) 1,2,3-Trichloropropane	12.642	75	1747	0.964	ug/L	95
62) 1,3,5-Trimethylbenzene	12.812	105	8925	0.879	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	9212	0.919	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	5508	0.986	ug/L	96
65) 1,4-Dichlorobenzene	13.446	146	5433	0.967	ug/L	85
67) 1,2-Dichlorobenzene	13.739	146	5118	1.008	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.349	75	439m	1.006	ug/L	
69) 1,3,5-Trichlorobenzene	14.501	180	4021	1.018	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	2975	0.931	ug/L	93
71) Naphthalene	15.233	128	5492	0.880	ug/L	96
72) 1,2,3-Trichlorobenzene	15.428	180	2742	0.988	ug/L	98

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

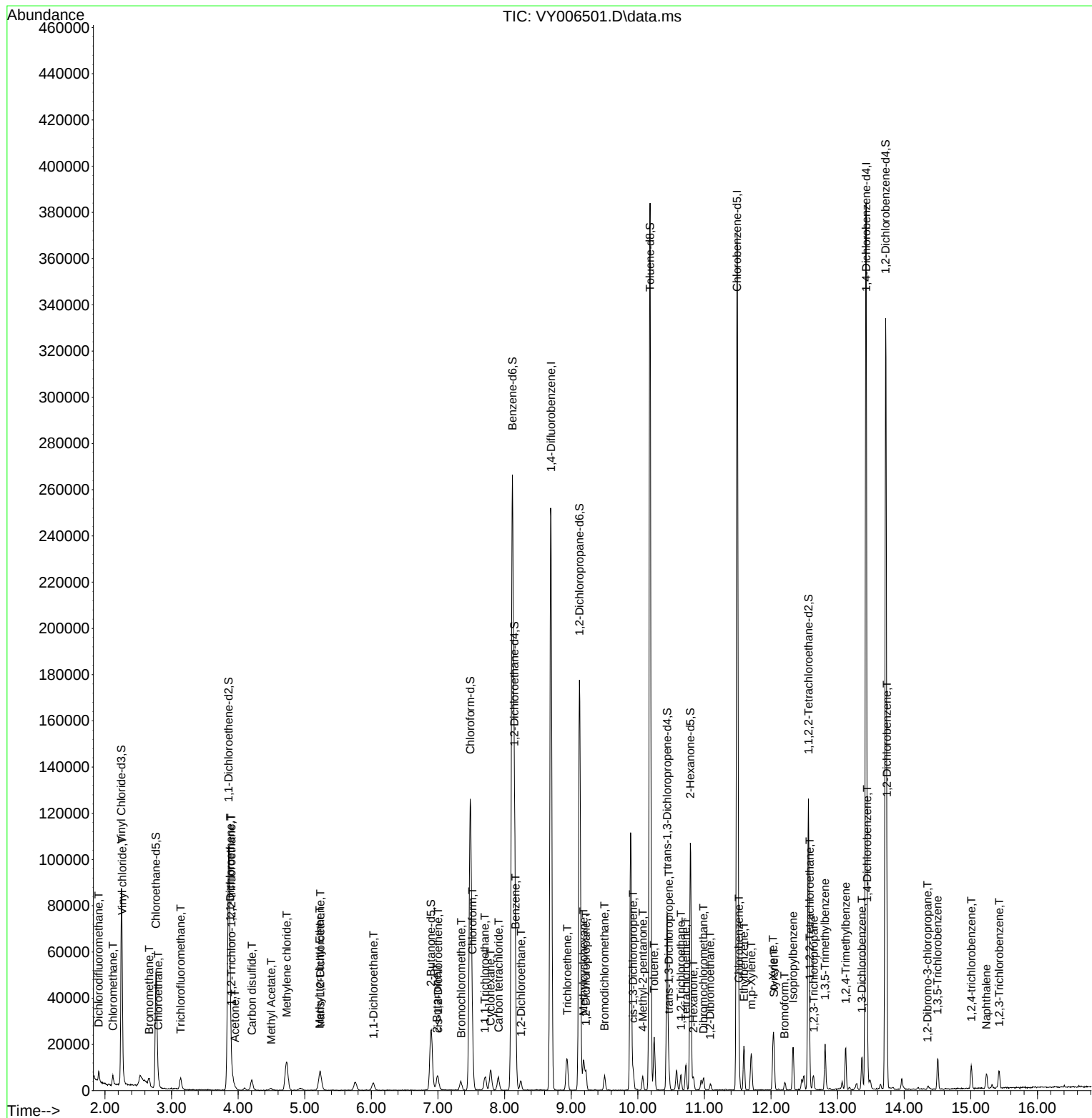
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102721\
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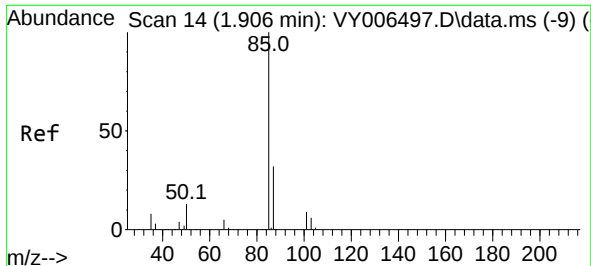
Instrument :
MSVOA_Y
ClientSampled :
MDL02

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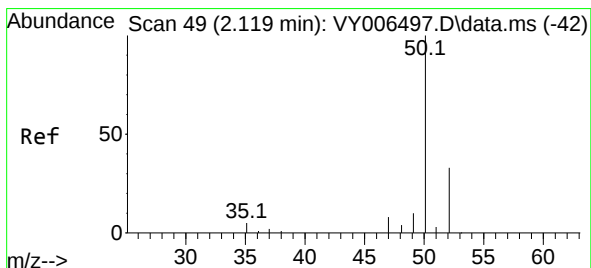
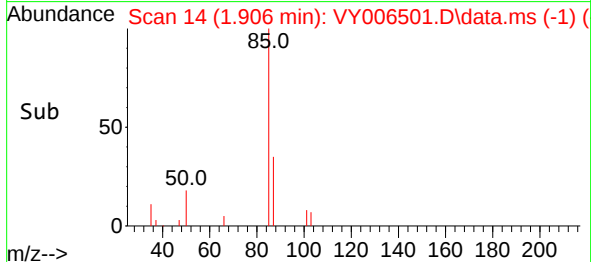
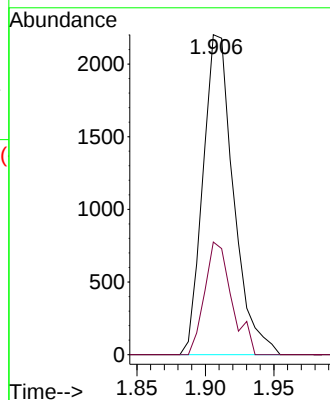
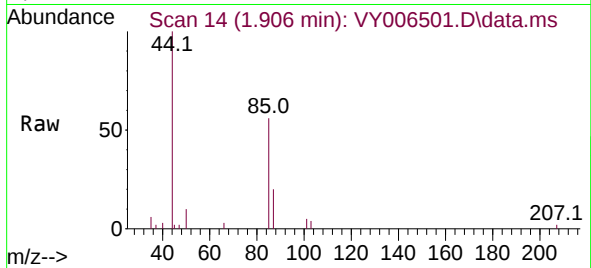
#2
Dichlorodifluoromethane
Concen: 0.896 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 85 Resp: 3421
Ion Ratio Lower Upper
85 100
87 31.1 26.2 39.2

Instrument :
MSVOA_Y
ClientSampled :
MDL02

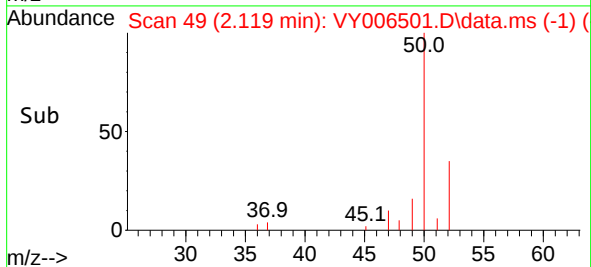
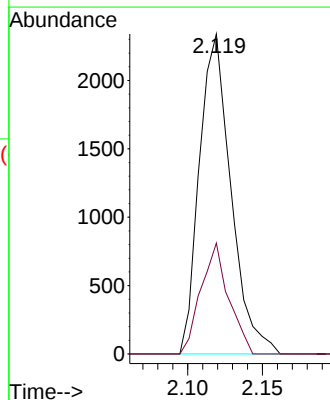
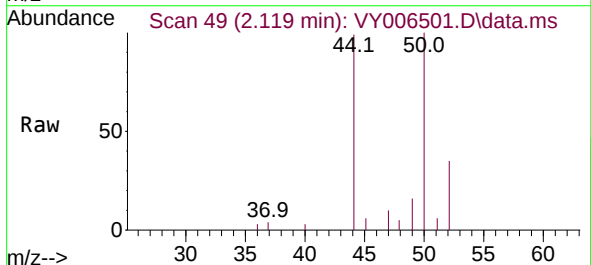
Manual Integrations
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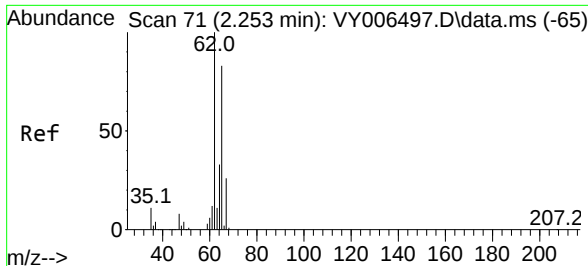
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#3
Chloromethane
Concen: 0.920 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

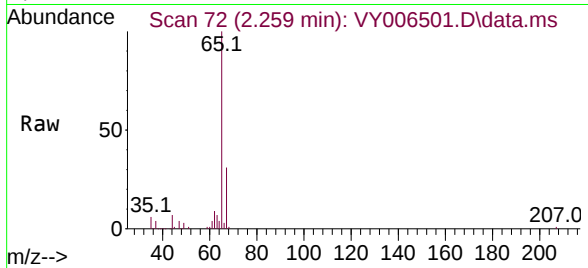
Tgt Ion: 50 Resp: 3438
Ion Ratio Lower Upper
50 100
52 34.7 21.8 40.4





#5
 Vinyl chloride
 Concen: 1.030 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY006501.D
 Acq: 27 Oct 2021 17:04

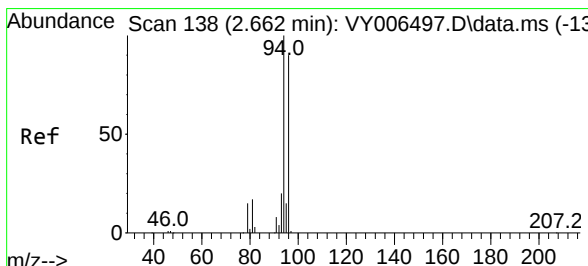
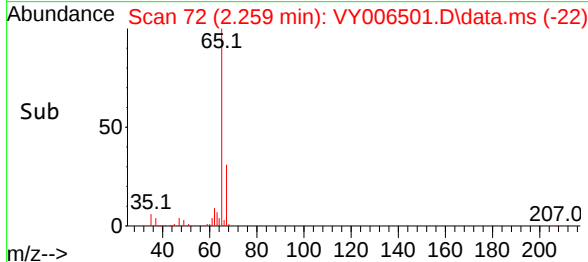
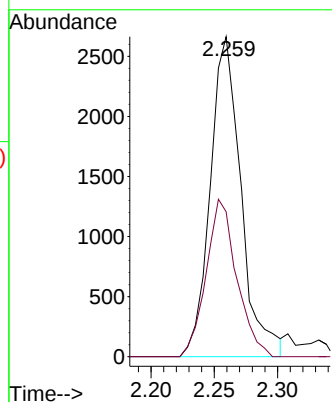
Instrument :
 MSVOA_Y
 ClientSampled :
 MDL02



Tgt Ion: 62 Resp: 4505
 Ion Ratio Lower Upper
 62 100
 64 45.3 22.8 42.4#

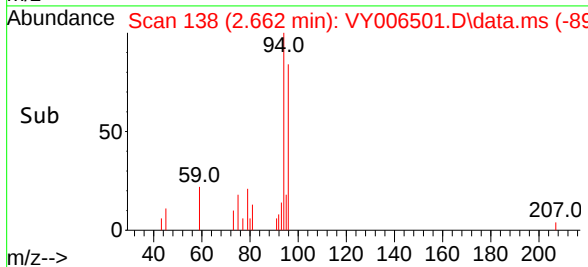
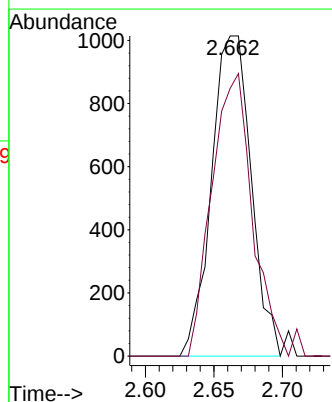
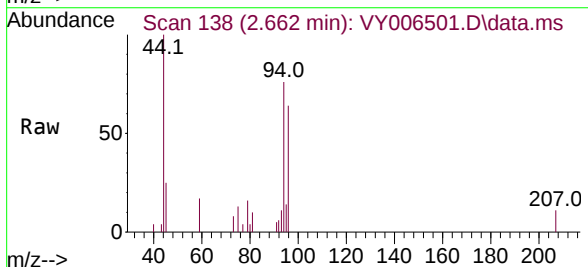
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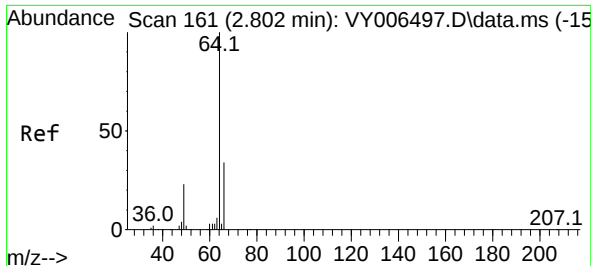
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#6
 Bromomethane
 Concen: 1.032 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006501.D
 Acq: 27 Oct 2021 17:04

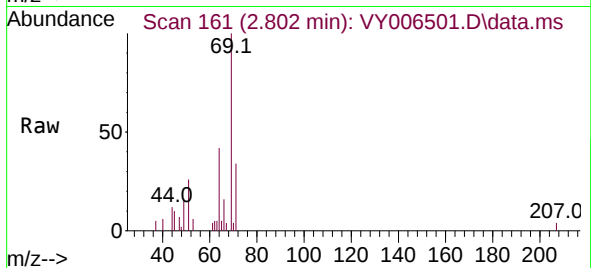
Tgt Ion: 94 Resp: 2046
 Ion Ratio Lower Upper
 94 100
 96 83.6 65.9 122.5





#8
Chloroethane
Concen: 0.796 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

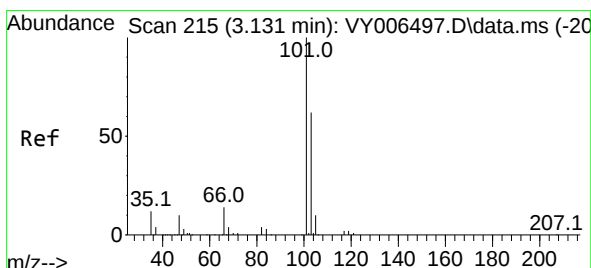
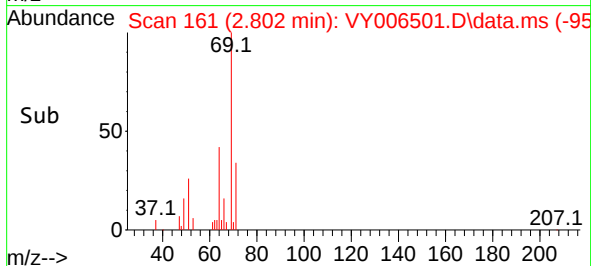
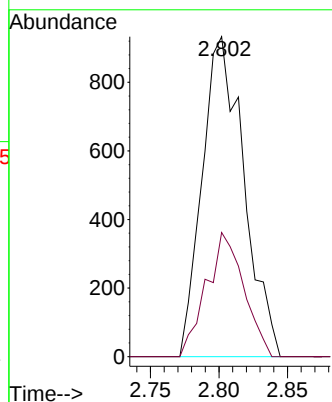
Instrument :
MSVOA_Y
ClientSampleId :
MDL02



Tgt Ion: 64 Resp: 1970
Ion Ratio Lower Upper
64 100
66 38.8 22.7 42.3

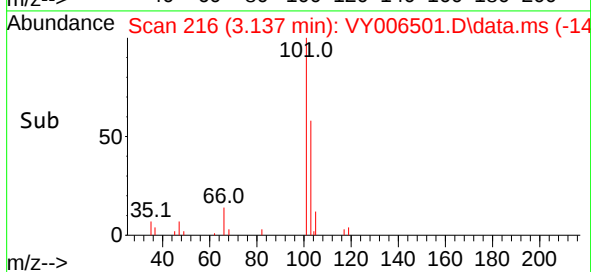
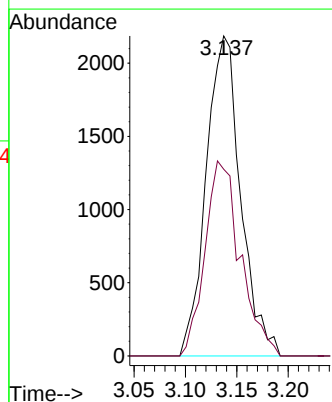
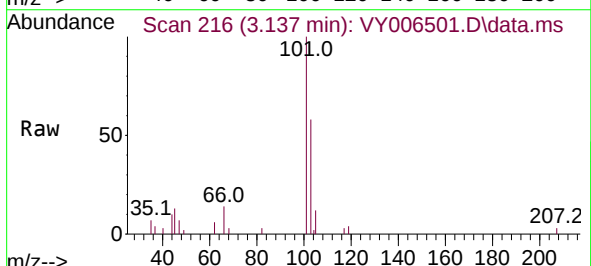
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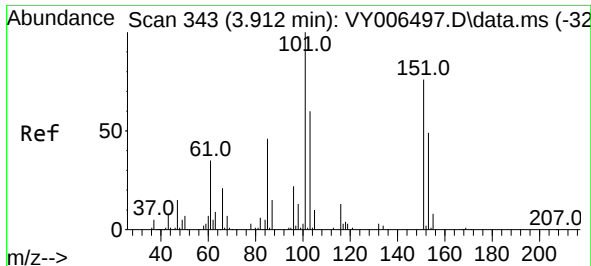
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#9
Trichlorofluoromethane
Concen: 0.945 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

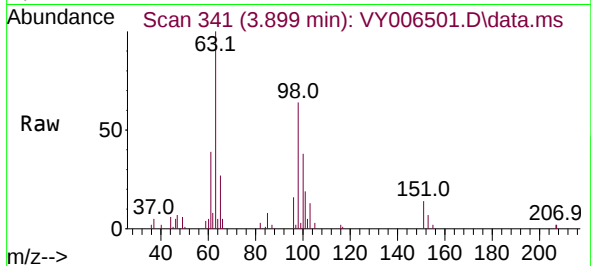
Tgt Ion: 101 Resp: 5104
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.252 ug/L m
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

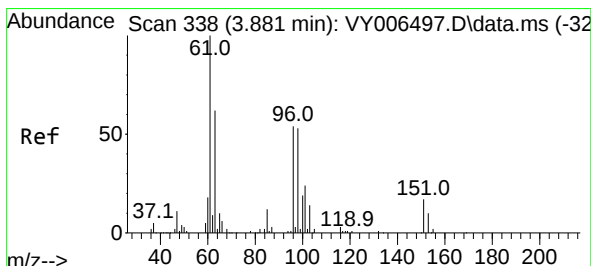
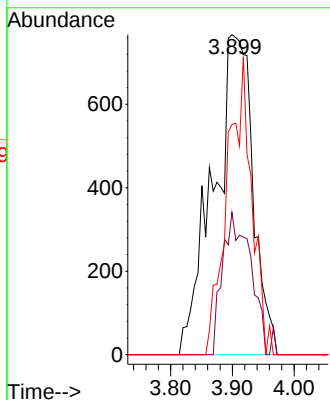
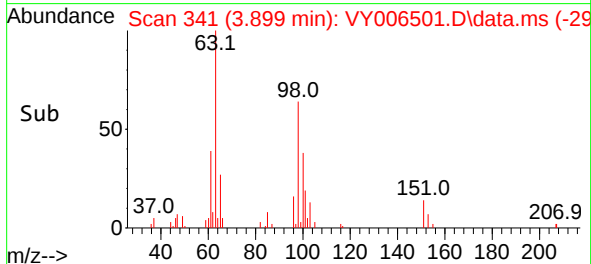
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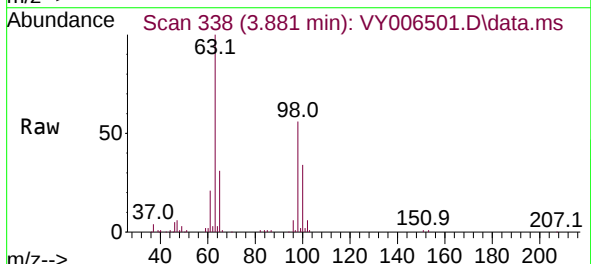
Tgt Ion:101 Resp: 3417
Ion Ratio Lower Upper
101 100
85 15.7 36.6 54.8#
151 32.3 59.0 88.4#

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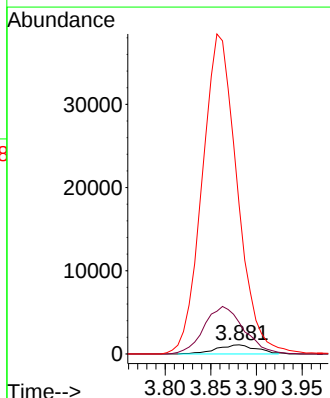
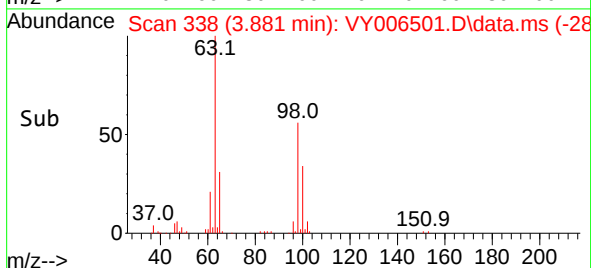
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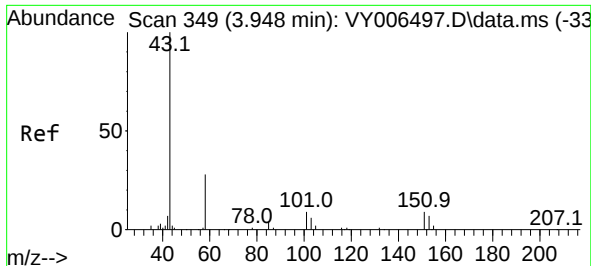


#12
1,1-Dichloroethene
Concen: 1.267 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



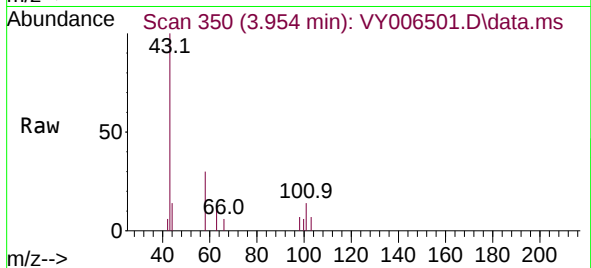
Tgt Ion: 96 Resp: 3336
Ion Ratio Lower Upper
96 100
61 342.9 121.2 225.2#
63 1615.9 86.9 161.3#



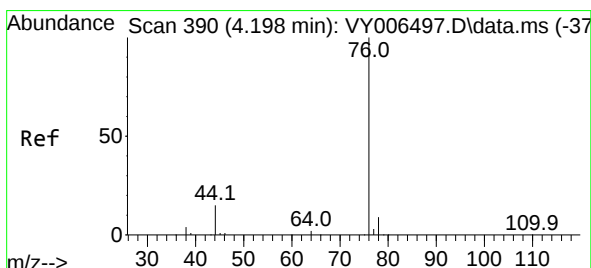
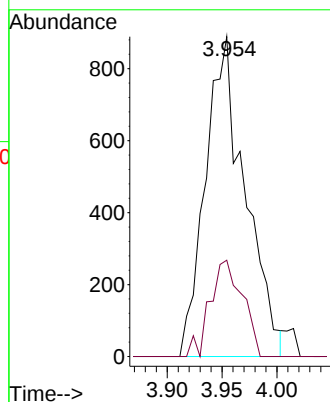
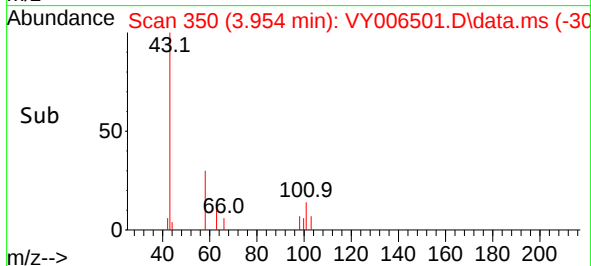


#13
Acetone
Concen: 2.071 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY006501.D
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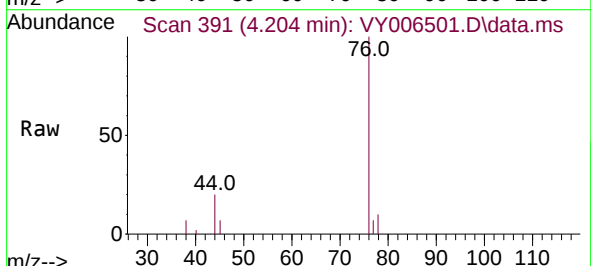
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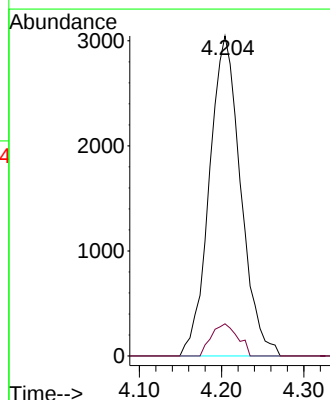
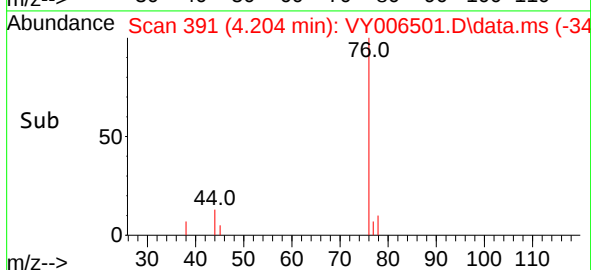
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Ion Ratio Lower Upper
43 100
58 23.6 0.0 61.0

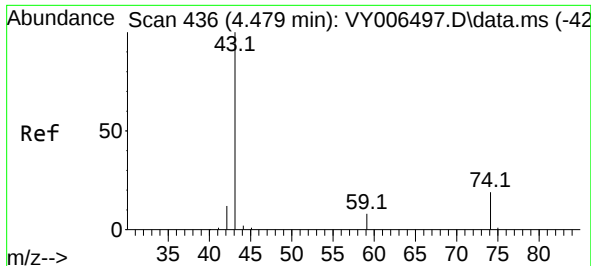


#14
Carbon disulfide
Concen: 0.847 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



Tgt Ion: 76 Resp: 8070
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2





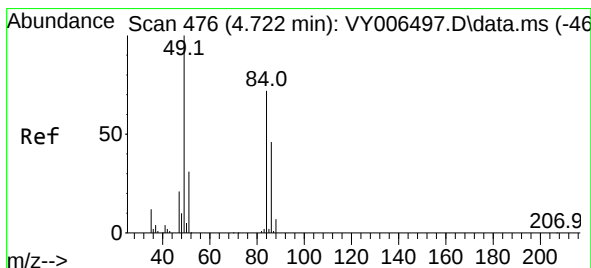
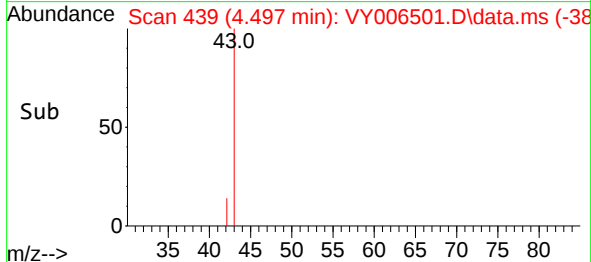
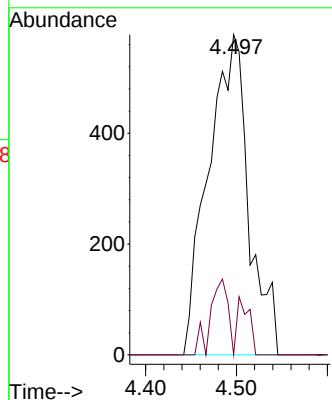
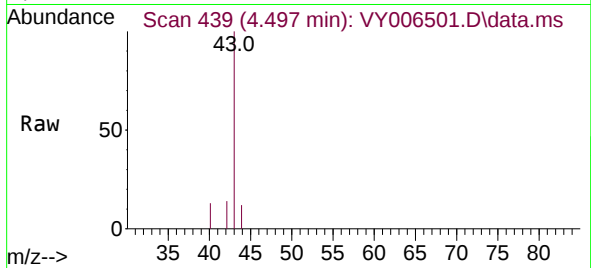
#15
Methyl Acetate
Concen: 1.055 ug/L m
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
74 9.0 16.7 25.1#

Instrument :
MSVOA_Y
ClientSampled :
MDL02

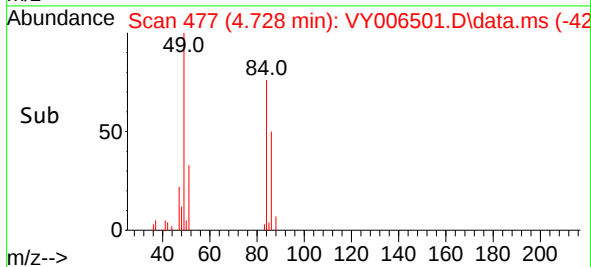
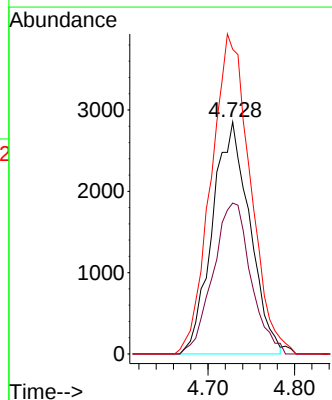
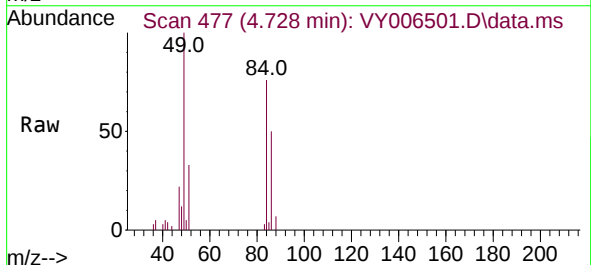
Manual Integrations
APPROVED

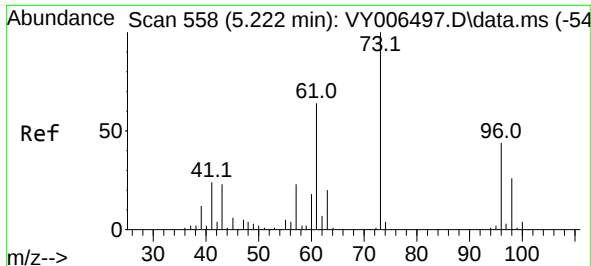
MMDadoda
10/29/2021 4:37:16 PM



#16
Methylene chloride
Concen: 2.373 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 84 Resp: 8549
Ion Ratio Lower Upper
84 100
86 65.1 43.2 80.2
49 131.4 96.0 178.4





#17

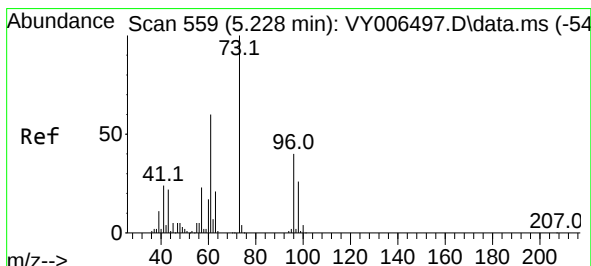
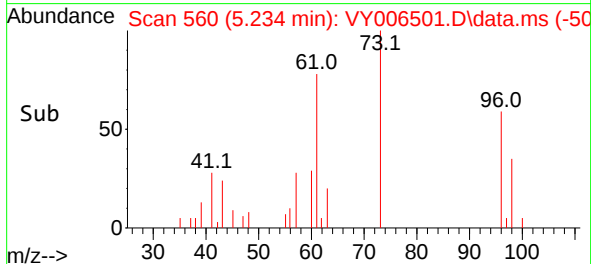
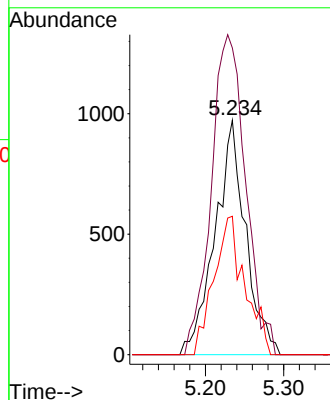
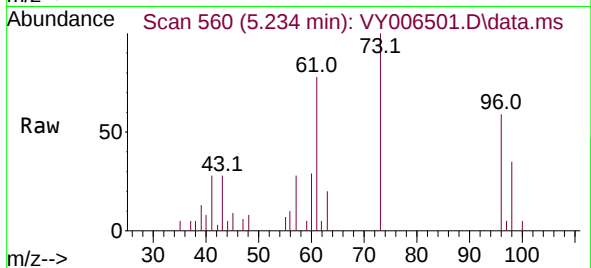
trans-1,2-Dichloroethene
Concen: 0.957 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.012 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 96	Resp: 2647		
Ion Ratio	Lower	Upper	
96	100		
61	130.8	97.6	181.2
98	59.0	44.8	83.2

Instrument :
MSVOA_Y
ClientSampled :
MDL02

Manual Integrations
APPROVED

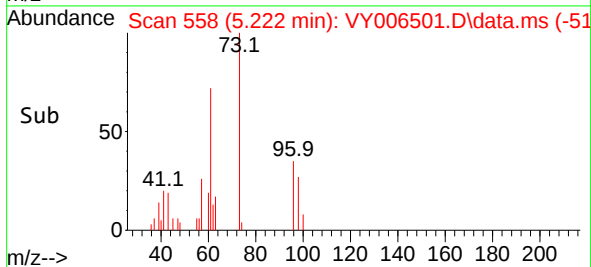
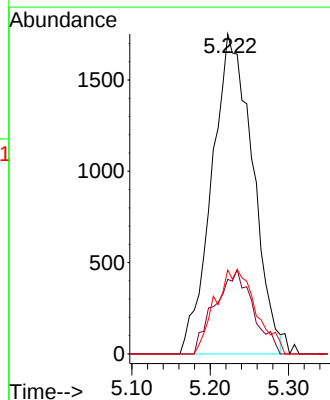
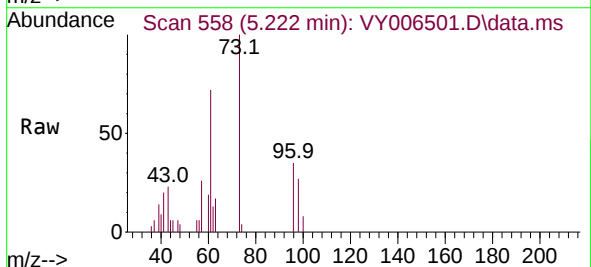
MMDadoda
10/29/2021 4:37:16 PM

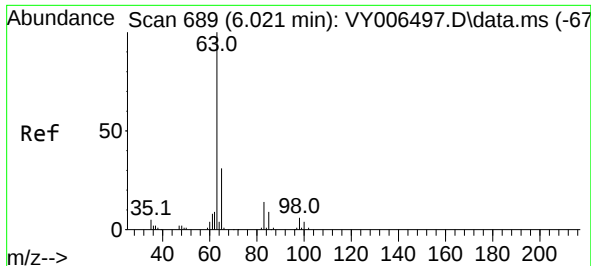


#18

Methyl tert-butyl Ether
Concen: 0.873 ug/L
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 73	Resp: 6315
Ion Ratio	Lower Upper
73 100	
43 23.5	16.8 25.2
57 2.4	18.7 28.1#





#19

1,1-Dichloroethane

Concen: 0.978 ug/L

RT: 6.033 min Scan# 691

Delta R.T. 0.012 min

Lab File: VY006501.D

Acq: 27 Oct 2021 17:04

Tgt Ion:	63	Resp:	4901
Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.4	41.6
83	12.5	9.5	17.7

Instrument :

MSVOA_Y

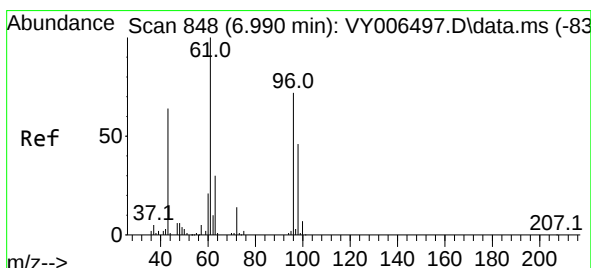
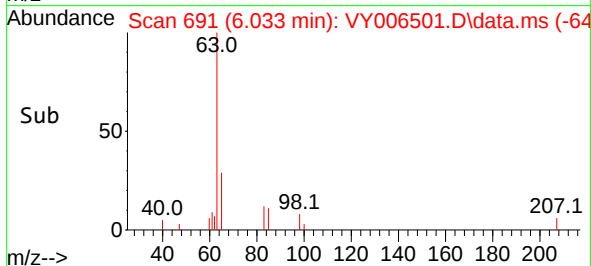
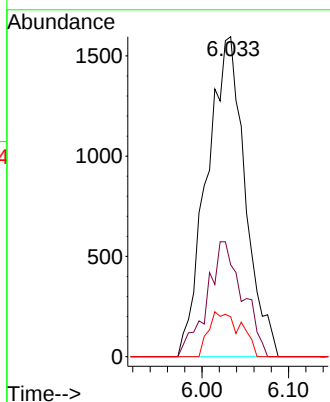
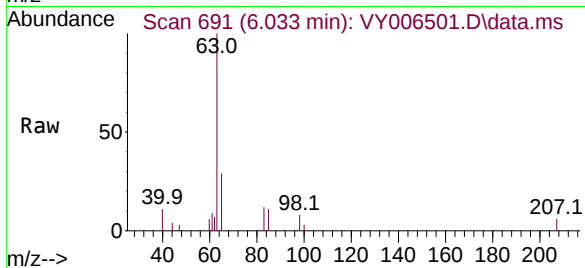
ClientSampled :

MDL02

Manual Integrations
APPROVED

MMDadoda

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#20

cis-1,2-Dichloroethene

Concen: 0.918 ug/L

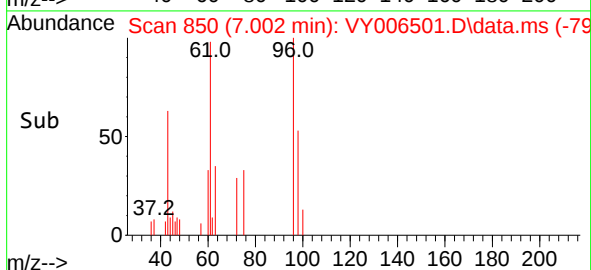
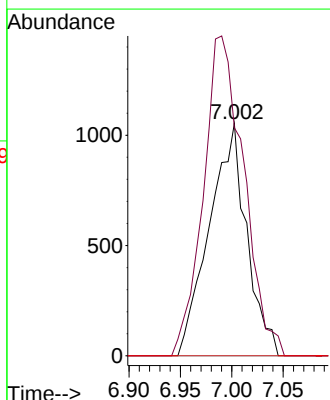
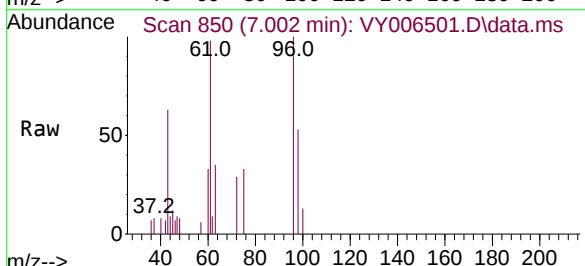
RT: 7.002 min Scan# 850

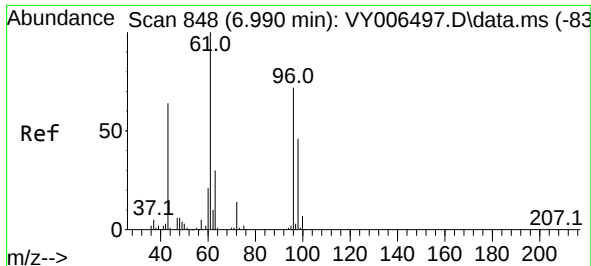
Delta R.T. 0.012 min

Lab File: VY006501.D

Acq: 27 Oct 2021 17:04

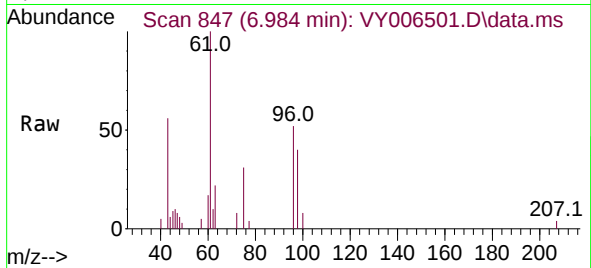
Tgt Ion:	96	Resp:	2661
Ion	Ratio	Lower	Upper
96	100		
61	98.1	94.8	176.2
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 1.757 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

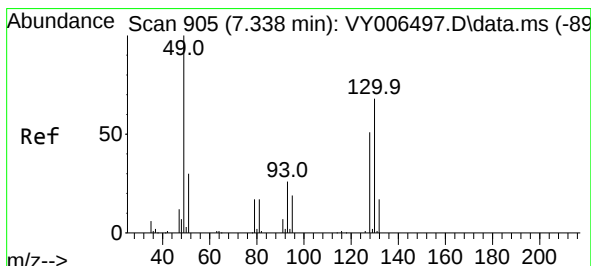
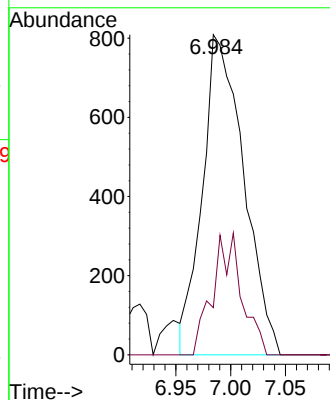
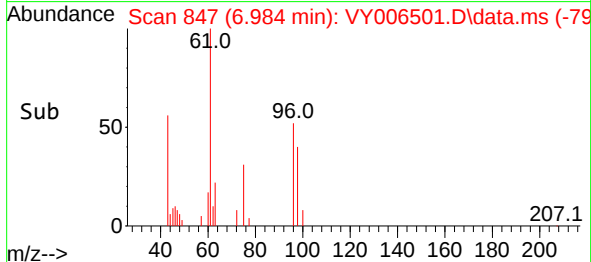
Instrument :
MSVOA_Y
ClientSampled :
MDL02



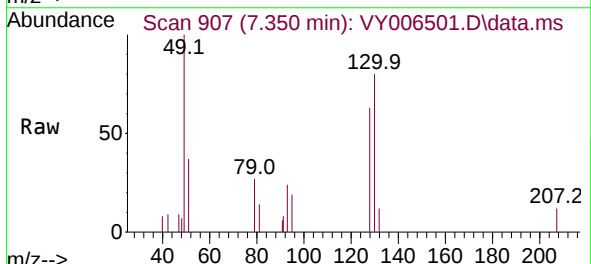
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
72 6.0 12.2 36.6#

Manual Integrations
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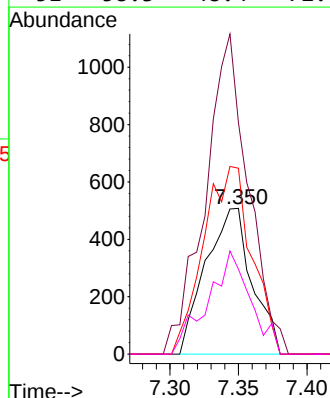
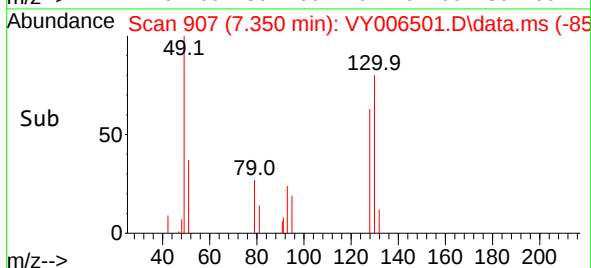
MMDadoda
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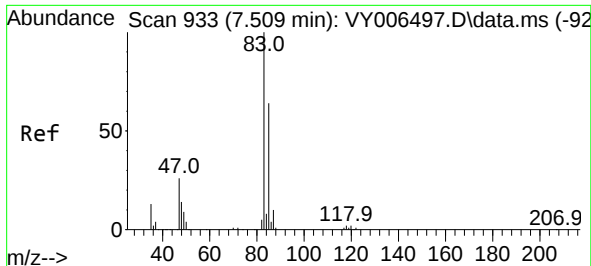


#23
Bromochloromethane
Concen: 0.904 ug/L
RT: 7.350 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



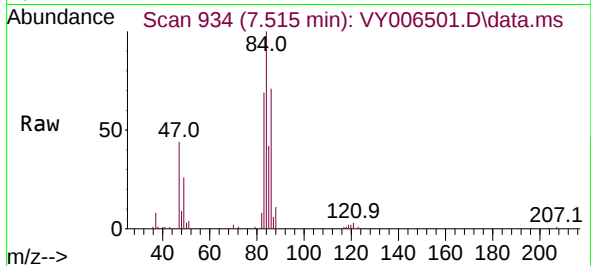
Tgt Ion: 128 Resp: 1192
Ion Ratio Lower Upper
128 100
49 158.9 138.9 258.1
130 127.6 88.3 164.1
51 58.3 48.4 72.6





#25
Chloroform
Concen: 2.880 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

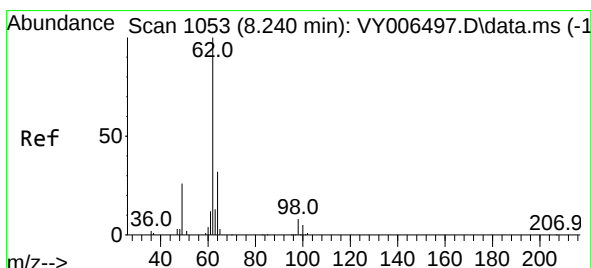
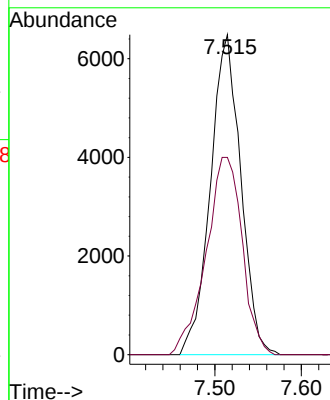
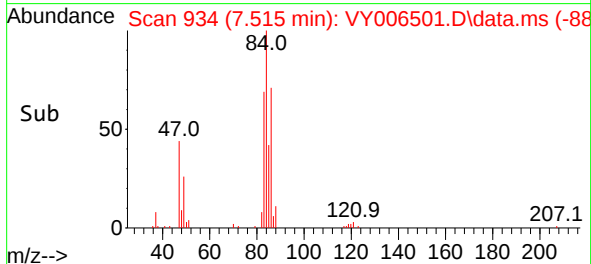
Instrument :
MSVOA_Y
ClientSampled :
MDL02



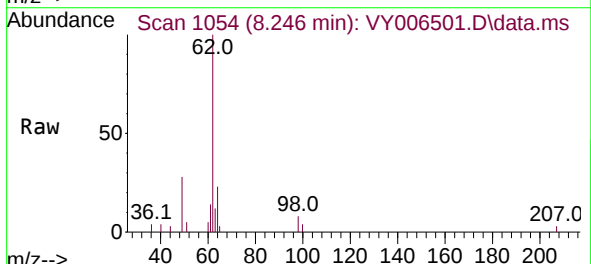
Tgt Ion: 83 Resp: 15811
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.4

Manual Integrations
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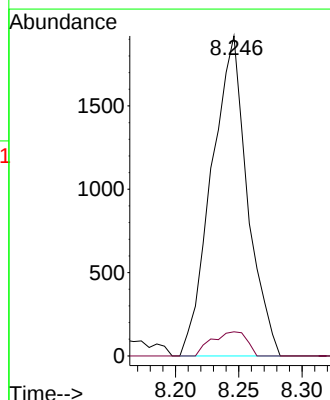
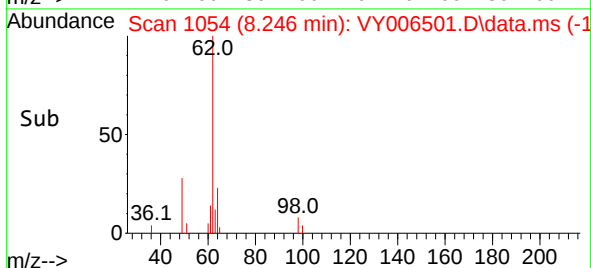
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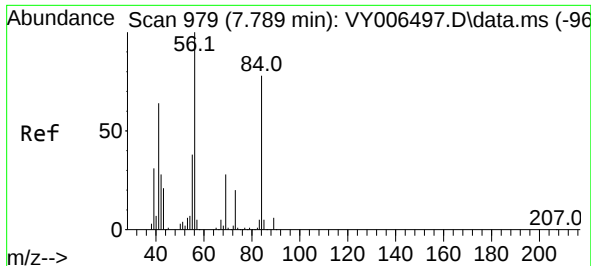


#27
1,2-Dichloroethane
Concen: 0.970 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



Tgt Ion: 62 Resp: 3786
Ion Ratio Lower Upper
62 100
98 7.6 7.5 11.3





#29

Cyclohexane

Concen: 0.943 ug/L

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY006501.D

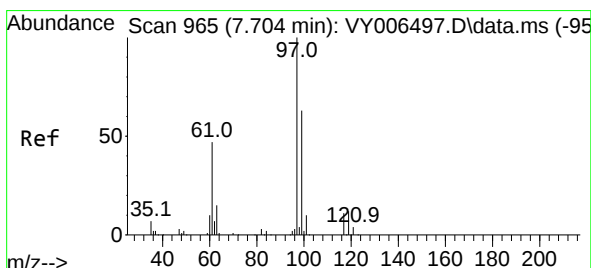
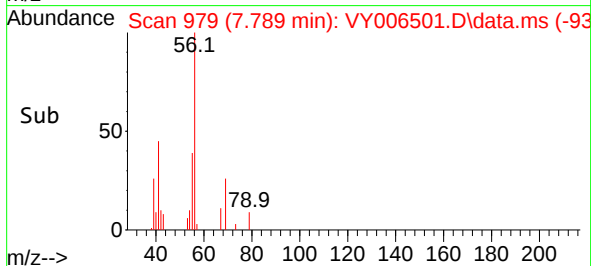
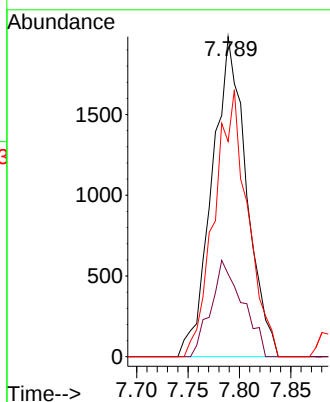
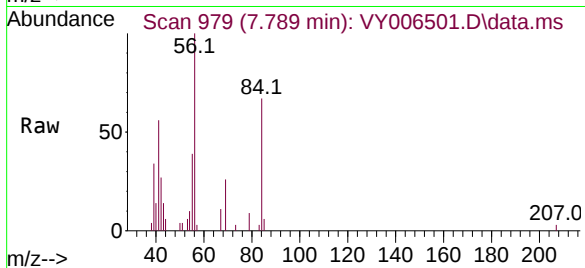
Acq: 27 Oct 2021 17:04

Tgt Ion:	56	Resp:	4619
Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.6	33.8
84	80.9	66.1	99.1

Instrument :
MSVOA_Y
ClientSampled :
MDL02

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 0.977 ug/L

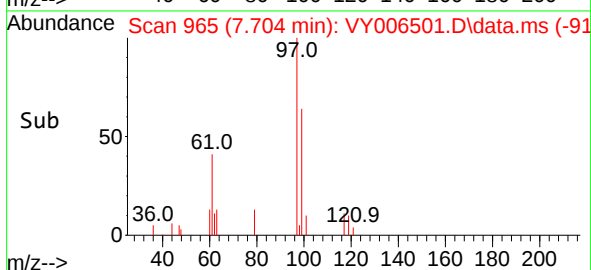
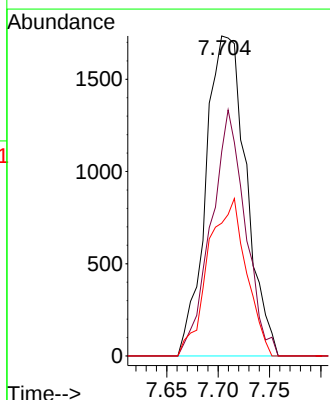
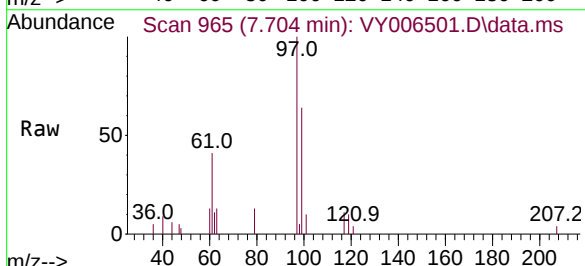
RT: 7.704 min Scan# 965

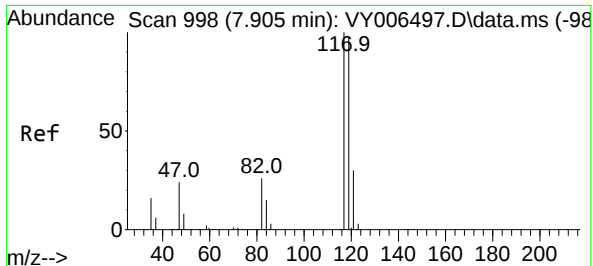
Delta R.T. -0.000 min

Lab File: VY006501.D

Acq: 27 Oct 2021 17:04

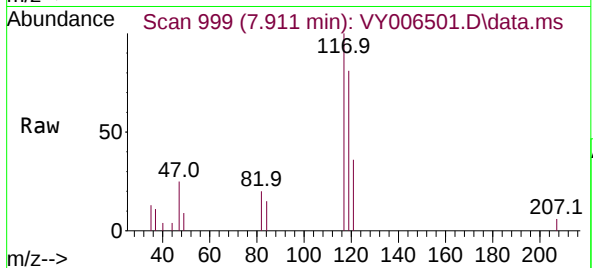
Tgt Ion:	97	Resp:	4724
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.6
61	46.7	37.3	55.9





#31
Carbon tetrachloride
Concen: 0.931 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

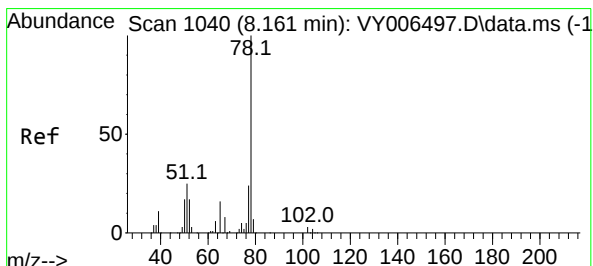
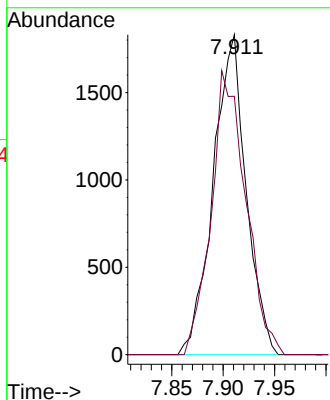
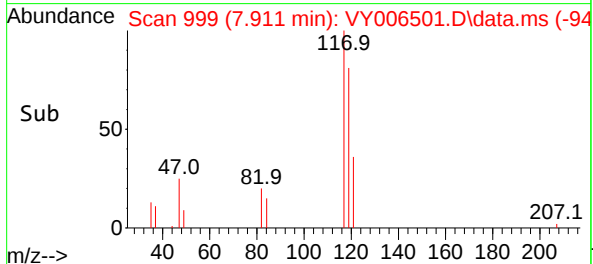
Instrument :
MSVOA_Y
ClientSampled :
MDL02



Tgt Ion: 117 Resp: 4074
Ion Ratio Lower Upper
117 100
119 93.4 76.2 114.2

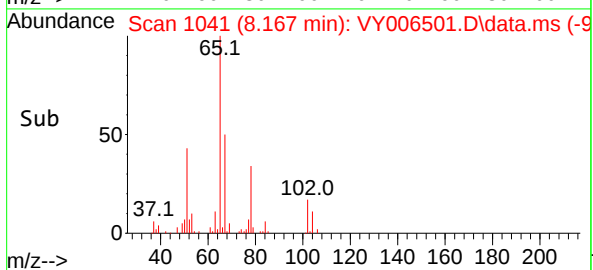
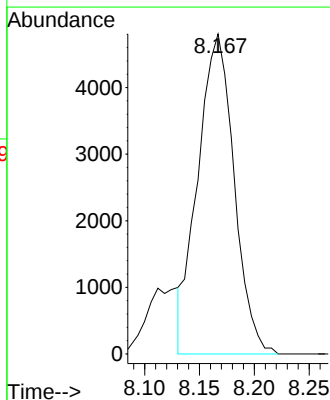
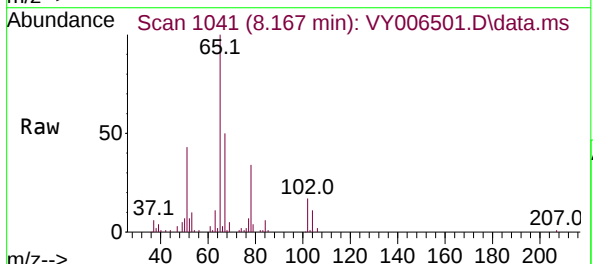
Manual Integrations
APPROVED

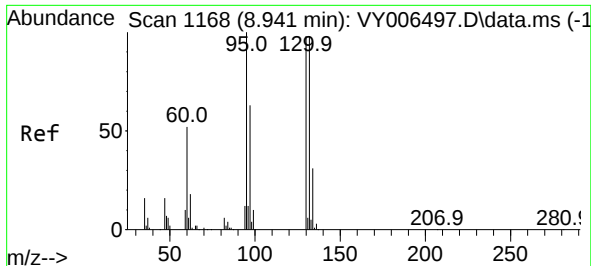
MMDadoda
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#33
Benzene
Concen: 0.949 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

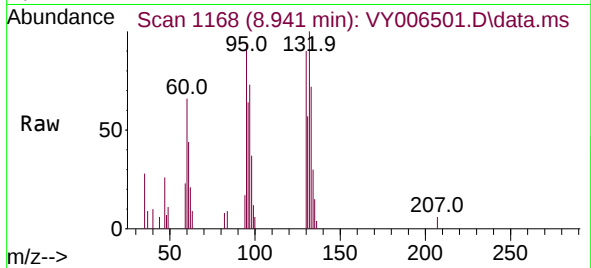
Tgt Ion: 78 Resp: 11038



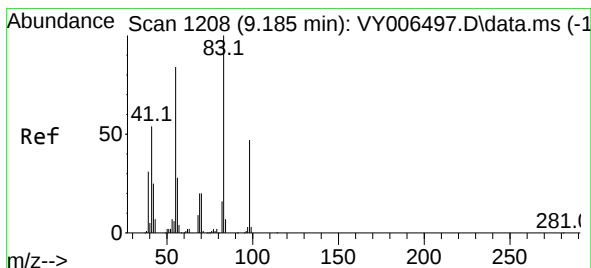
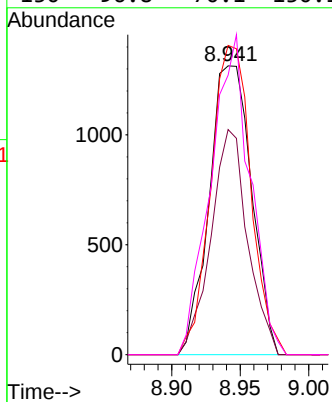
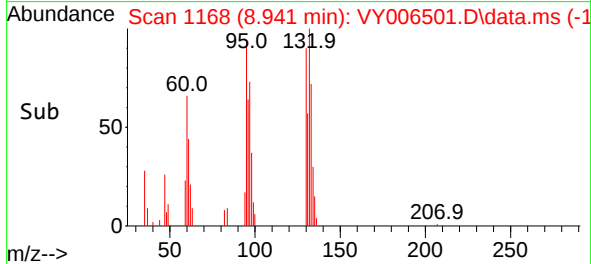


#34
Trichloroethene
Concen: 0.962 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

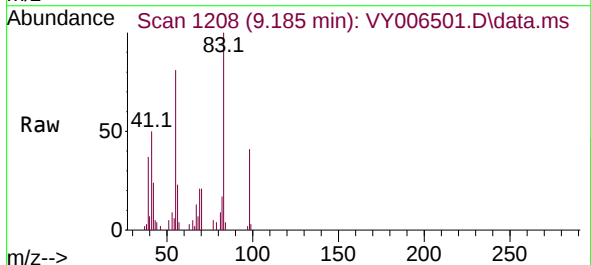
Instrument :
MSVOA_Y
ClientSampleId :
MDL02



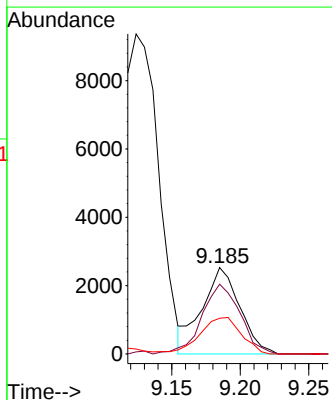
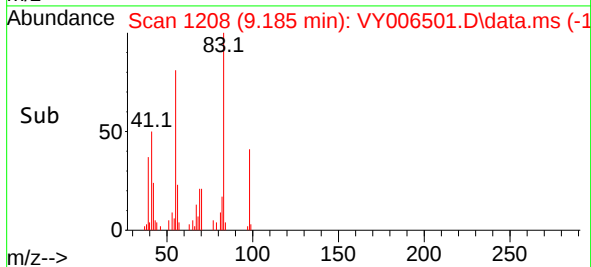
Tgt Ion: 95 Resp: 2841
Ion Ratio Lower Upper
95 100
97 77.9 44.2 82.2
132 107.1 66.8 124.0
130 96.8 70.1 130.1

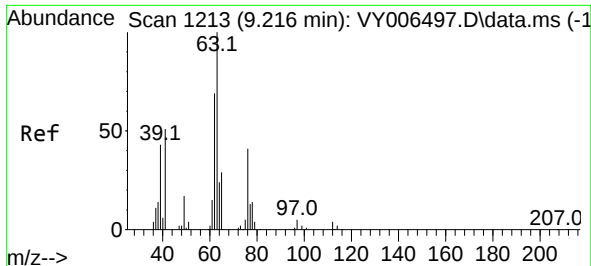


#35
Methylcyclohexane
Concen: 0.946 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



Tgt Ion: 83 Resp: 4879
Ion Ratio Lower Upper
83 100
55 80.8 63.9 95.9
98 45.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 1.059 ug/L

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY006501.D

Acq: 27 Oct 2021 17:04

Tgt Ion: 63 Resp: 2946

Ion Ratio Lower Upper

63 100

112 2.2 3.1 4.7#

Instrument :

MSVOA_Y

ClientSampled :

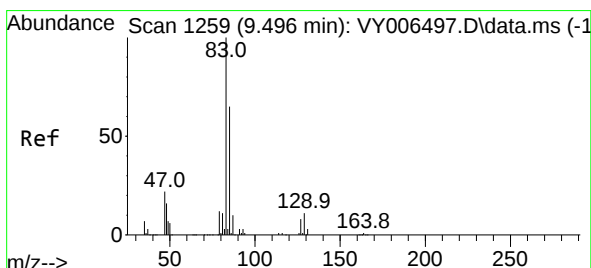
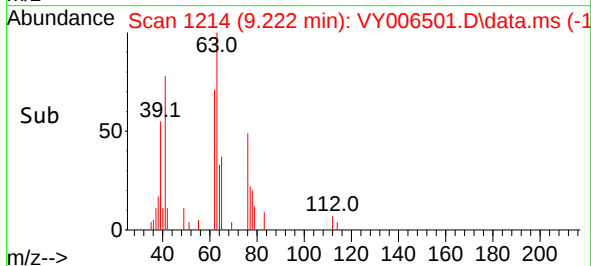
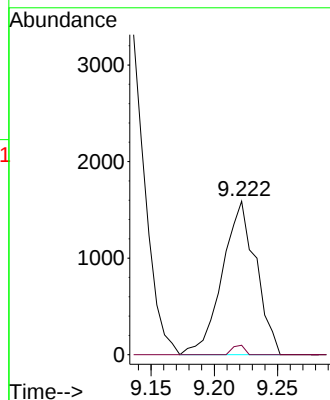
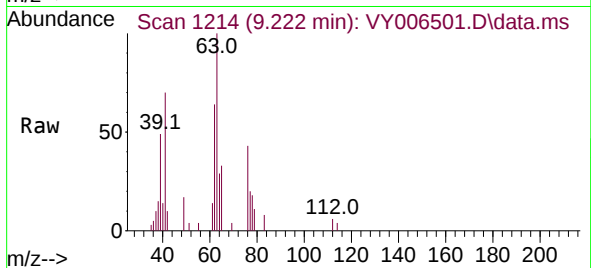
MDL02

Manual Integrations

APPROVED

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10/29/2021 4:37:16 PM



#38

Bromodichloromethane

Concen: 0.996 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY006501.D

Acq: 27 Oct 2021 17:04

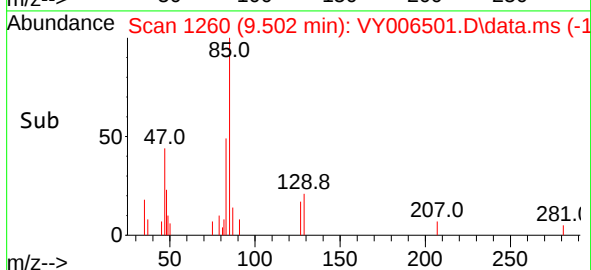
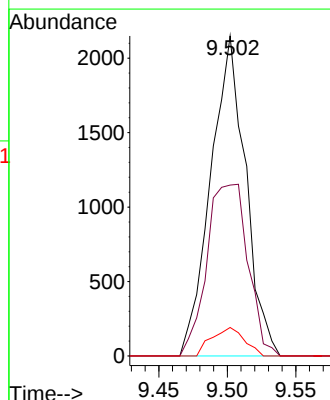
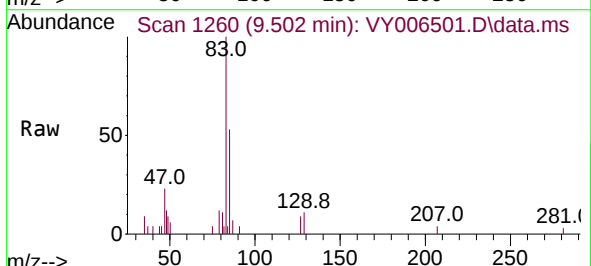
Tgt Ion: 83 Resp: 3805

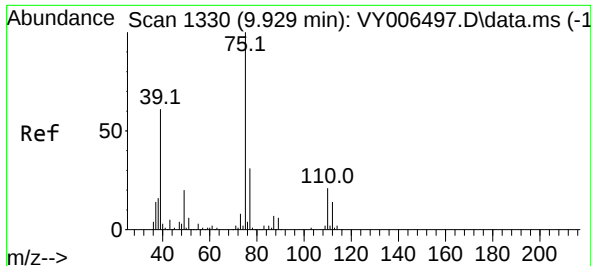
Ion Ratio Lower Upper

83 100

85 53.4 44.1 81.9

127 8.9 6.9 10.3





#39

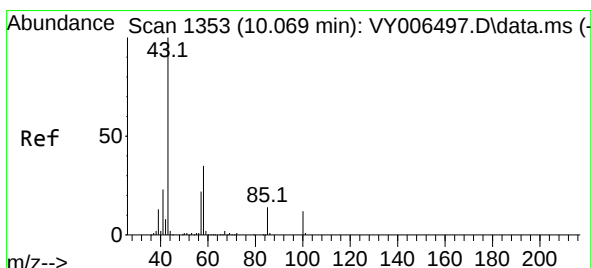
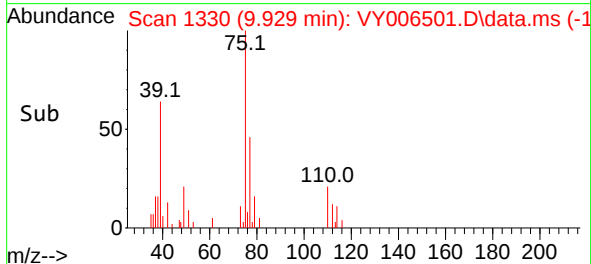
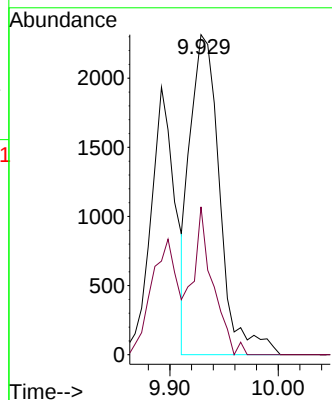
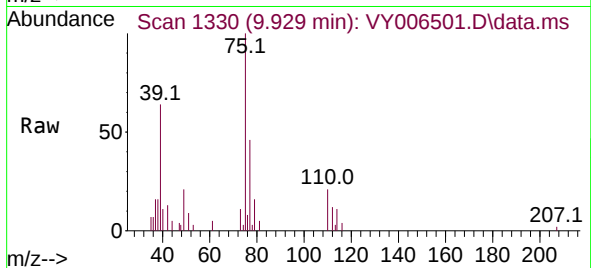
cis-1,3-Dichloropropene
Concen: 1.000 ug/L m
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 75 Resp: 4421
Ion Ratio Lower Upper
75 100
77 46.2 22.3 41.3#

Instrument :
MSVOA_Y
ClientSampled :
MDL02

Manual Integrations
APPROVED

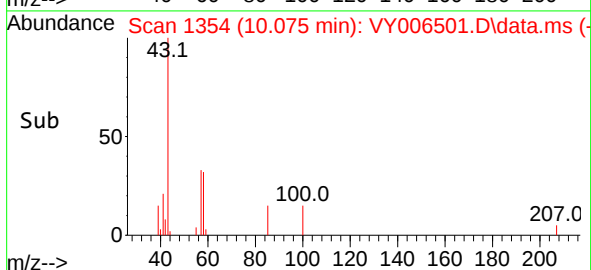
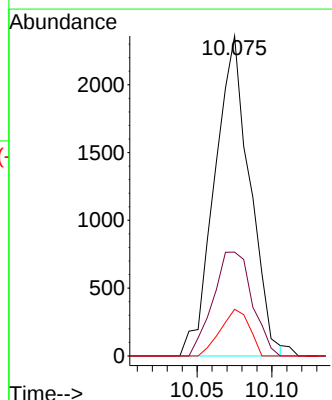
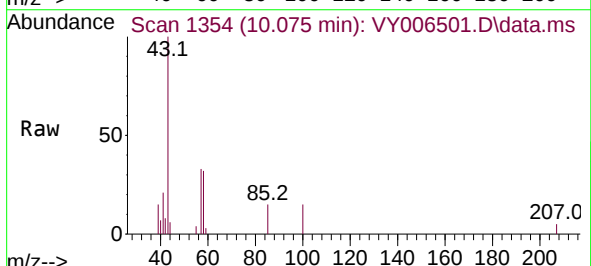
MMDadoda
10/29/2021 4:37:16 PM

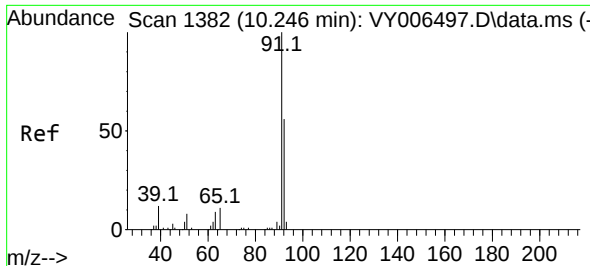


#40

4-Methyl-2-pentanone
Concen: 1.724 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 43 Resp: 3847
Ion Ratio Lower Upper
43 100
58 36.1 28.5 42.7
100 12.0 10.4 15.6





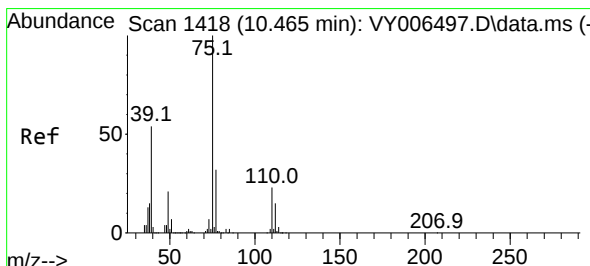
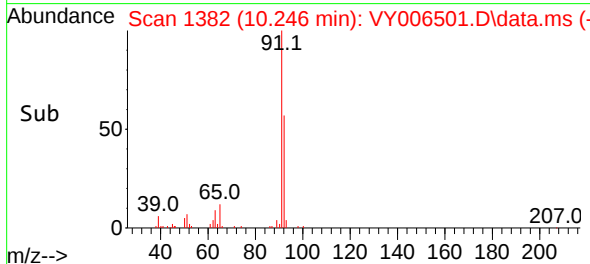
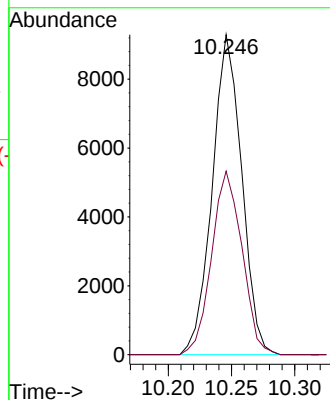
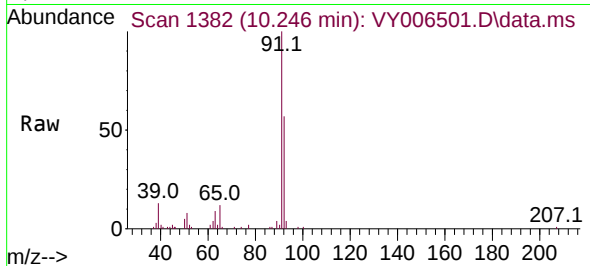
#42
Toluene
Concen: 1.197 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 91 Resp: 15050
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.1

Instrument :
MSVOA_Y
ClientSampled :
MDL02

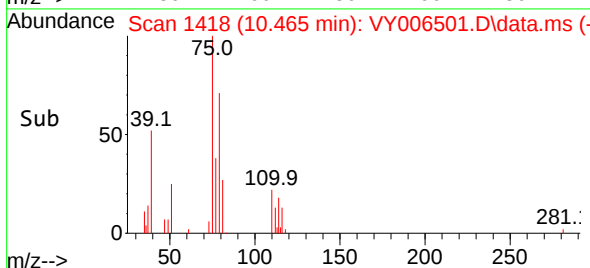
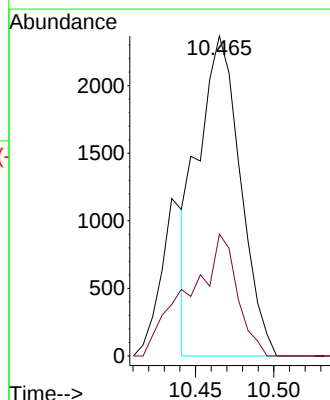
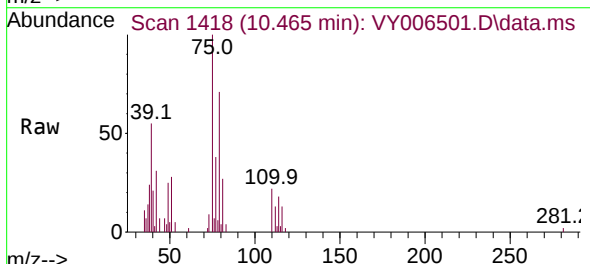
Manual Integrations
APPROVED

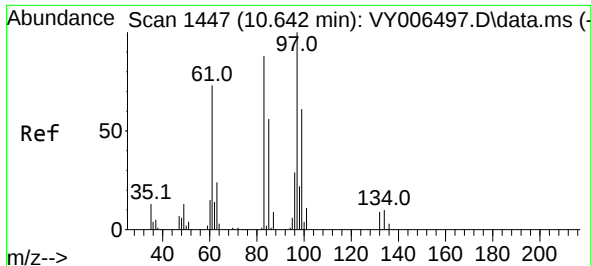
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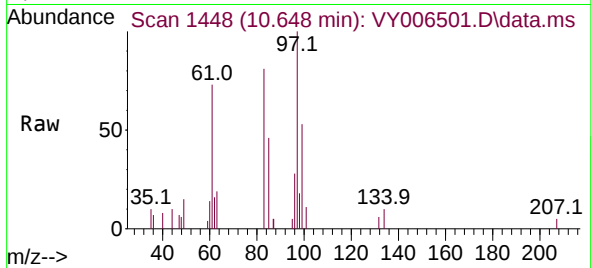
#44
trans-1,3-Dichloropropene
Concen: 1.075 ug/L m
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 75 Resp: 4488
Ion Ratio Lower Upper
75 100
77 38.0 21.8 40.4

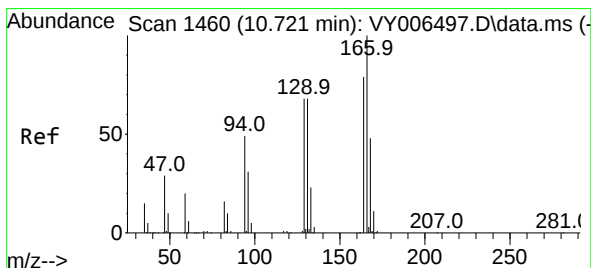
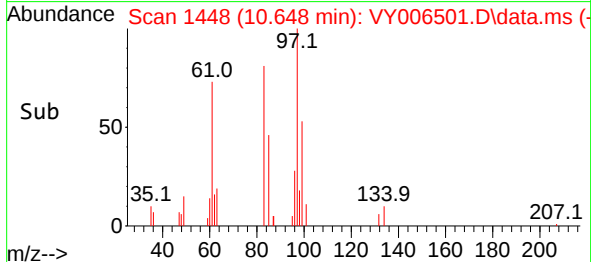
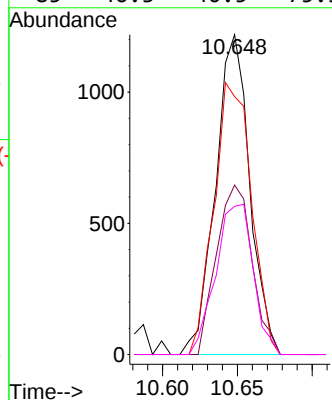




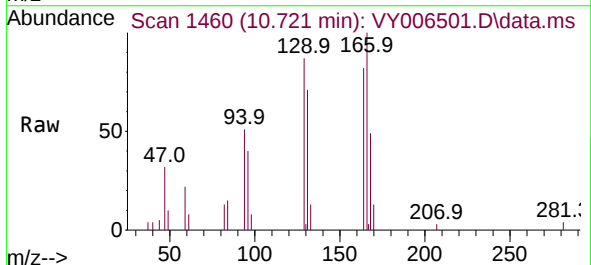
#45
1,1,2-Trichloroethane
Concen: 0.943 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



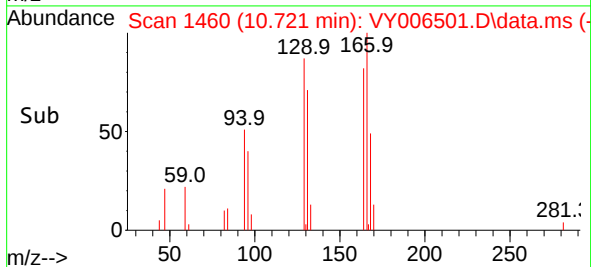
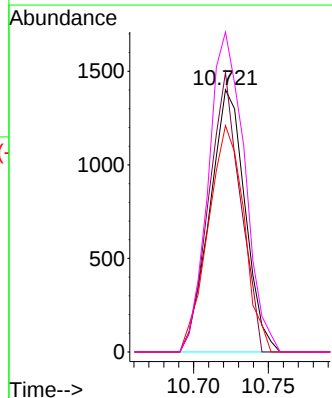
Tgt Ion: 97	Resp: 1939
Ion Ratio	Lower Upper
97 100	
99 53.0	44.2 82.0
83 80.6	61.1 113.5
85 46.3	40.5 75.3



#46
Tetrachloroethene
Concen: 0.946 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



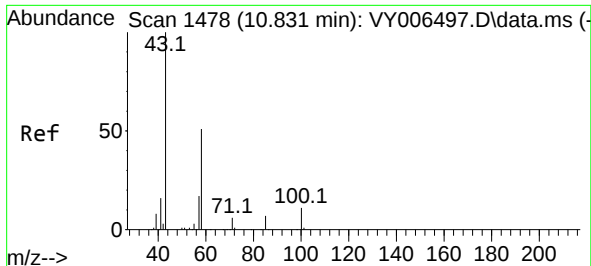
Tgt Ion: 164	Resp: 2307
Ion Ratio	Lower Upper
164 100	
129 106.6	65.9 122.3
131 86.4	61.9 115.1
166 122.1	85.3 158.3



Instrument :
MSVOA_Y
ClientSampled :
MDL02

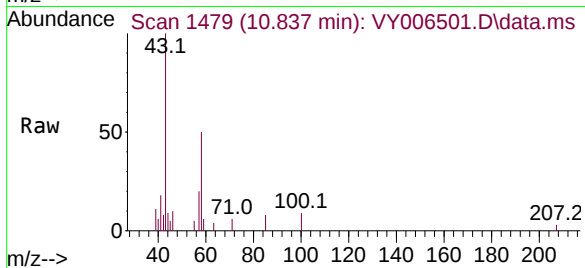
Manual Integrations
APPROVED

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#48
2-Hexanone
Concen: 1.811 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

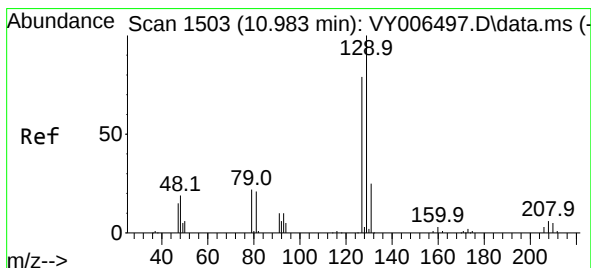
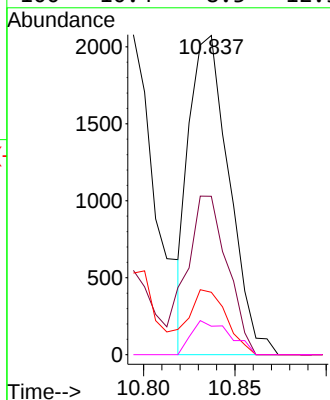
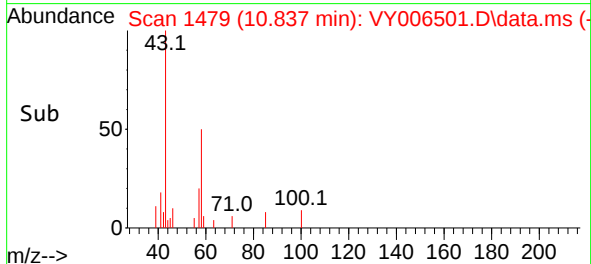
Instrument :
MSVOA_Y
ClientSampled :
MDL02



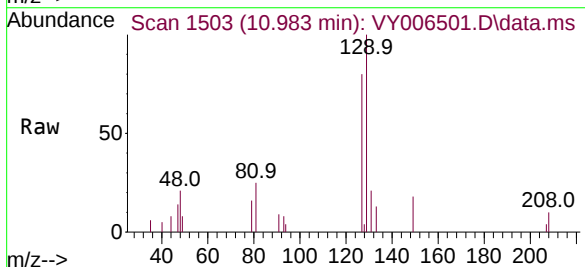
Tgt Ion: 43 Resp: 3154
Ion Ratio Lower Upper
43 100
58 50.4 41.1 61.7
57 20.3 13.8 20.6
100 10.4 8.3 12.5

Manual Integrations
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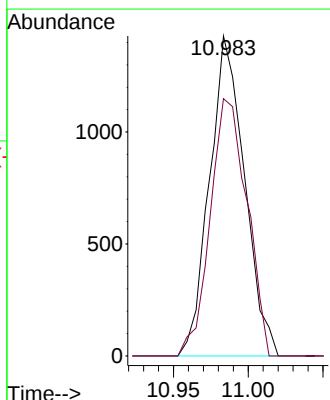
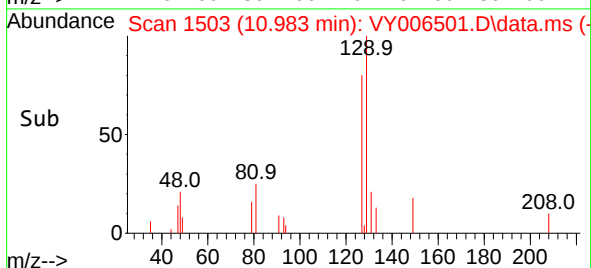
MMDadoda
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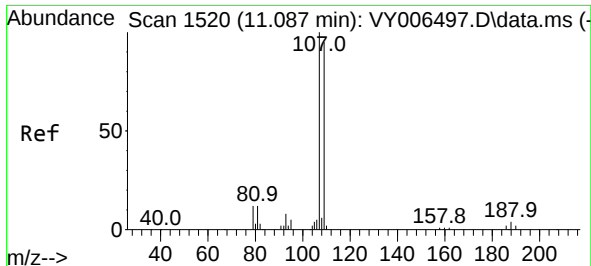


#49
Dibromochloromethane
Concen: 0.901 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



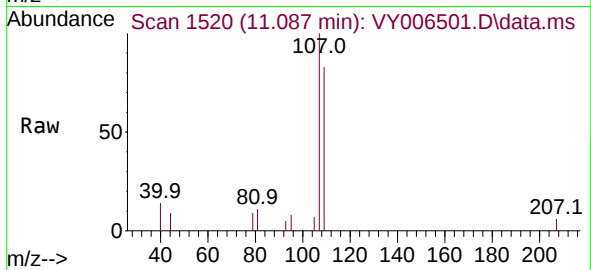
Tgt Ion: 129 Resp: 2324
Ion Ratio Lower Upper
129 100
127 80.4 52.8 98.0





#50
1,2-Dibromoethane
Concen: 0.908 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

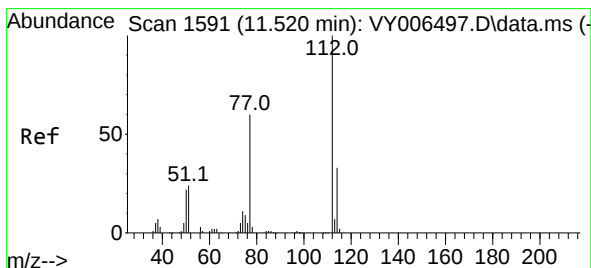
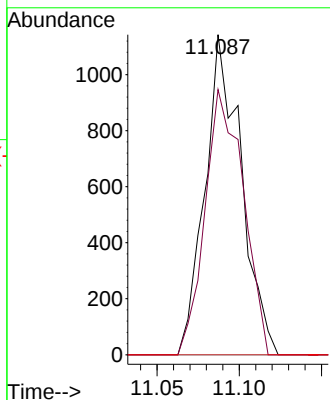
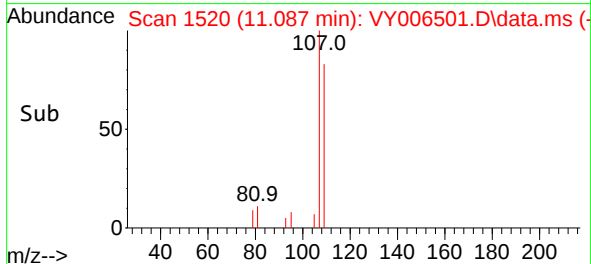
Instrument :
MSVOA_Y
ClientSampleId :
MDL02



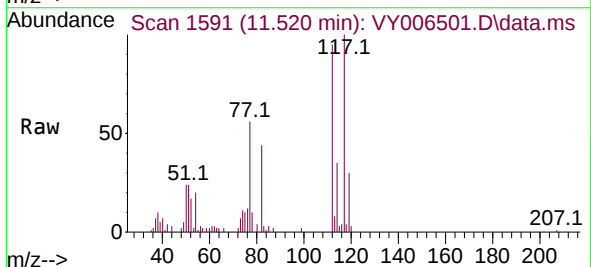
Tgt Ion:107 Resp: 1740
Ion Ratio Lower Upper
107 100
109 82.9 65.7 121.9
188 0.0 2.8 4.2#

Manual Integrations
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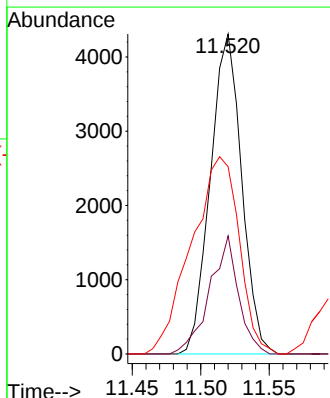
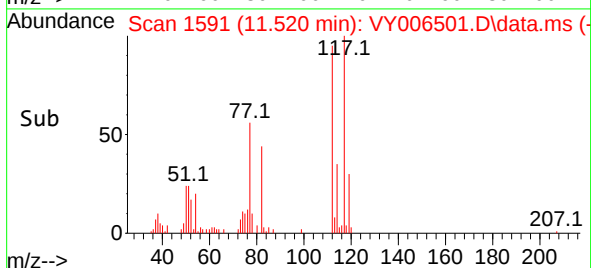
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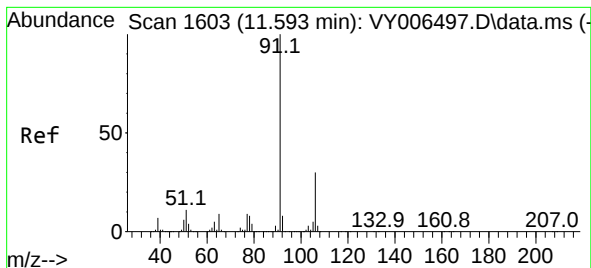


#51
Chlorobenzene
Concen: 0.900 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



Tgt Ion:112 Resp: 6857
Ion Ratio Lower Upper
112 100
114 36.9 22.3 41.5
77 58.5 46.5 69.7





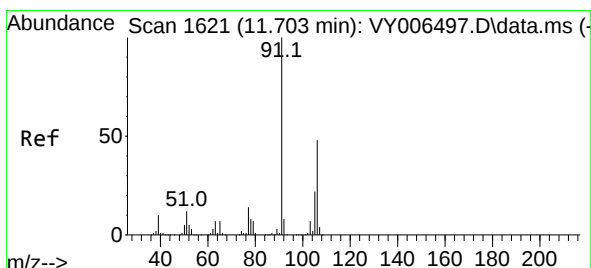
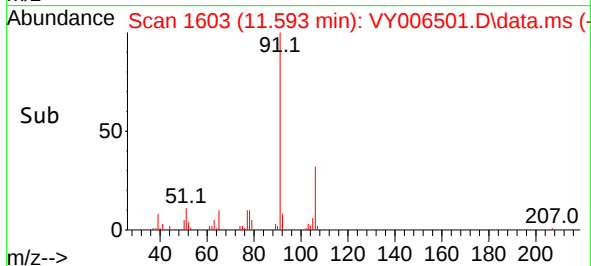
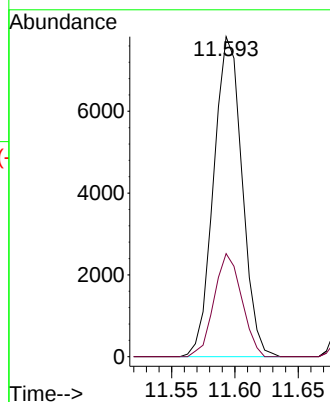
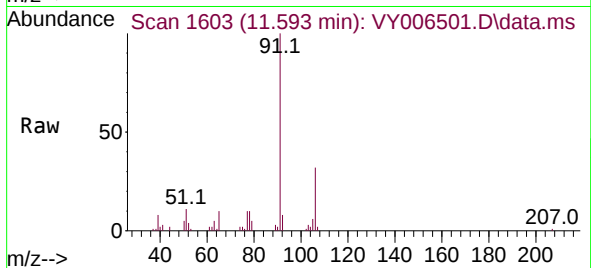
#52
Ethylbenzene
Concen: 0.913 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Instrument :
MSVOA_Y
ClientSampled :
MDL02

Tgt Ion: 91 Resp: 12241
Ion Ratio Lower Upper
91 100
106 32.2 21.2 39.4

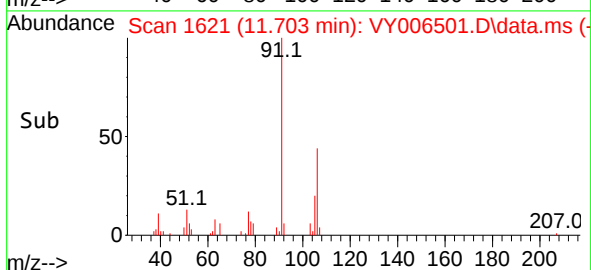
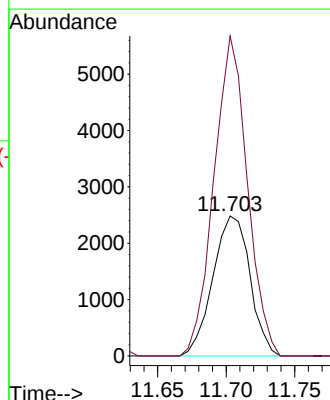
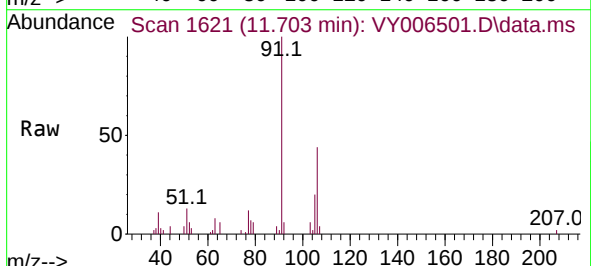
Manual Integrations
APPROVED

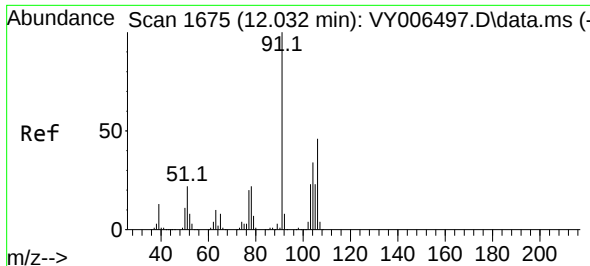
MMDadoda
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#53
m,p-Xylene
Concen: 0.910 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 106 Resp: 4674
Ion Ratio Lower Upper
106 100
91 228.7 145.7 270.5





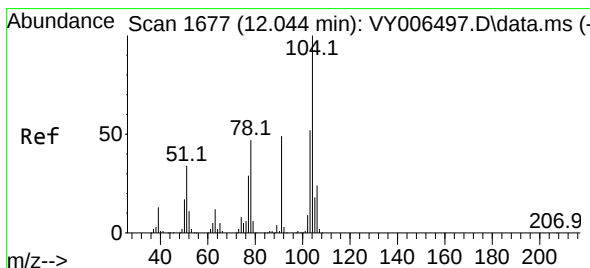
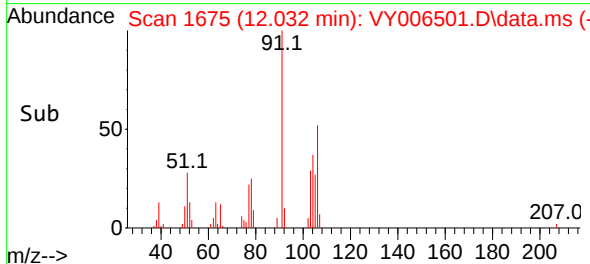
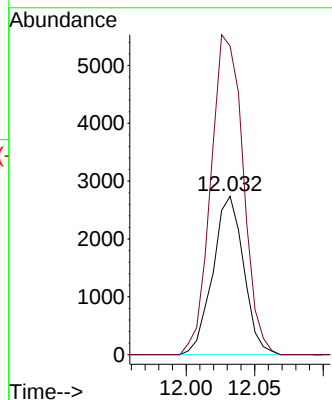
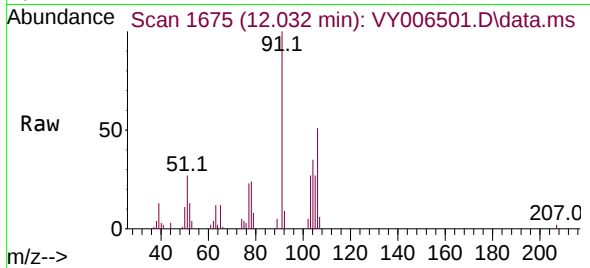
#54
o-Xylene
Concen: 0.870 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:106 Resp: 4281
Ion Ratio Lower Upper
106 100
91 194.8 150.6 279.6

Instrument :
MSVOA_Y
ClientSampled :
MDL02

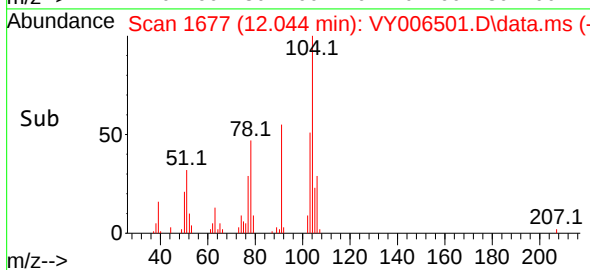
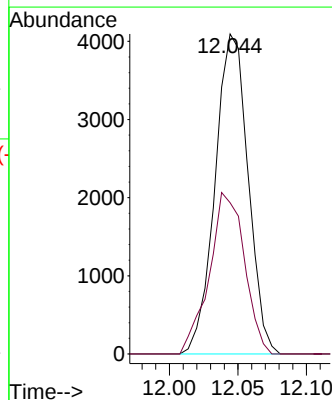
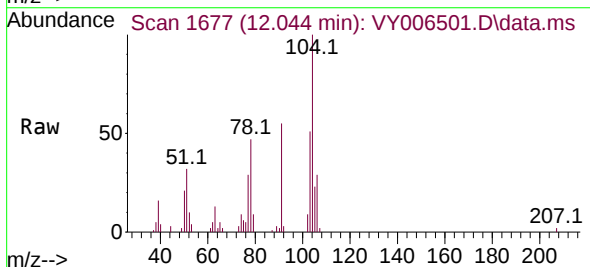
Manual Integrations
APPROVED

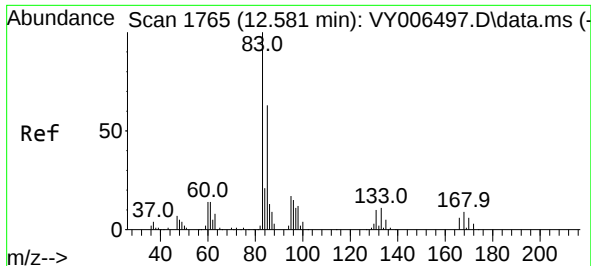
MMDadoda
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#55
Styrene
Concen: 0.800 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:104 Resp: 6862
Ion Ratio Lower Upper
104 100
78 47.3 31.8 59.0





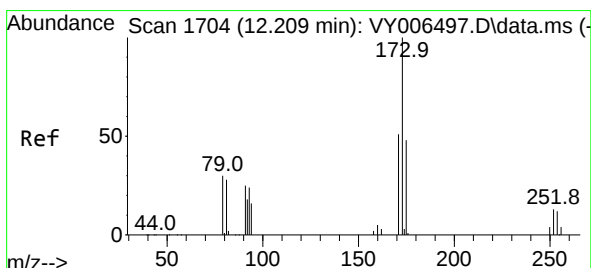
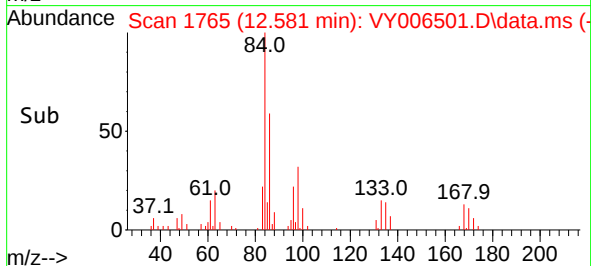
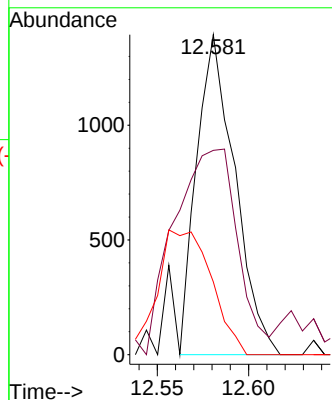
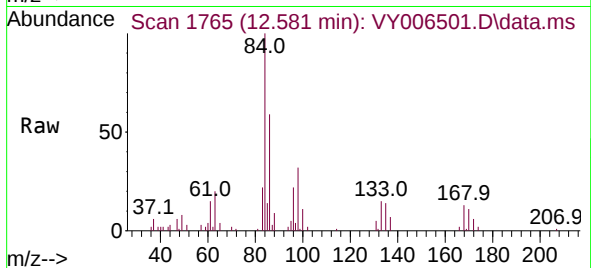
#57
1,1,2,2-Tetrachloroethane
Concen: 0.908 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion: 83	Resp:	2034
Ion Ratio	Lower	Upper
83	100	
85	63.9	45.0 83.6
131	26.4	6.9 10.3#

Instrument :
MSVOA_Y
ClientSampled :
MDL02

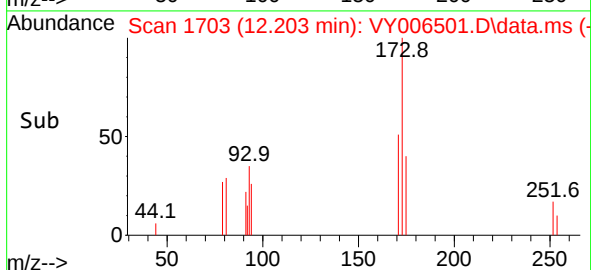
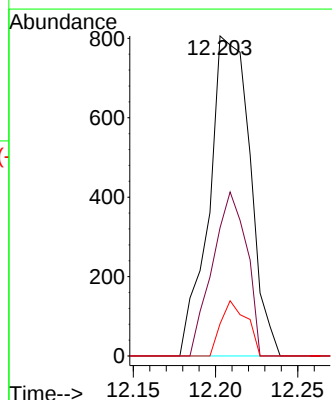
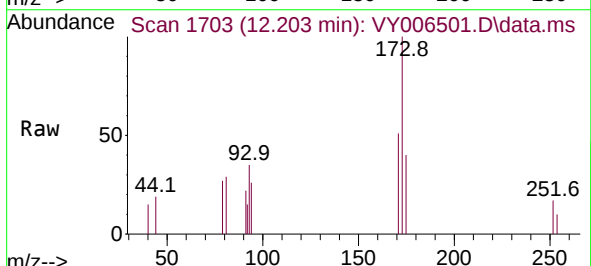
Manual Integrations
APPROVED

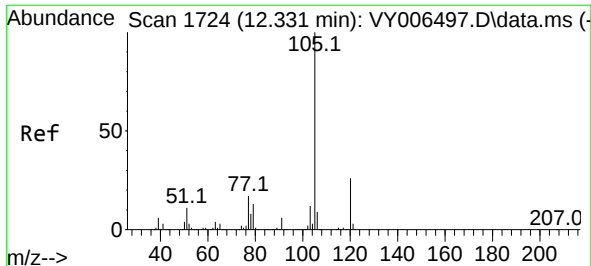
MMDadoda
10/29/2021 4:37:16 PM



#59
Bromoform
Concen: 0.896 ug/L
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

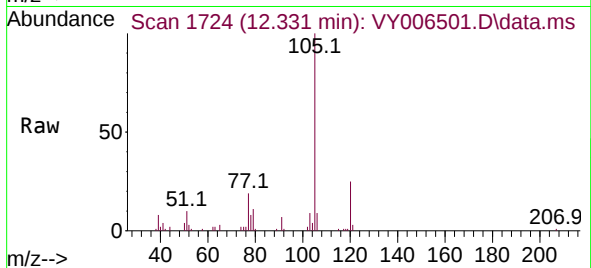
Tgt Ion: 173	Resp:	1396
Ion Ratio	Lower	Upper
173	100	
175	42.7	38.8 58.2
254	10.9	7.3 10.9





#60
Isopropylbenzene
Concen: 0.903 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

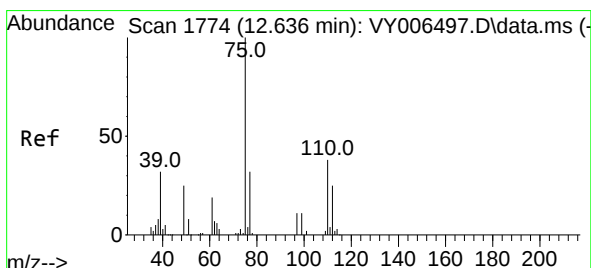
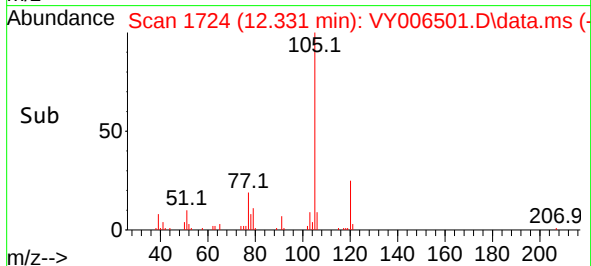
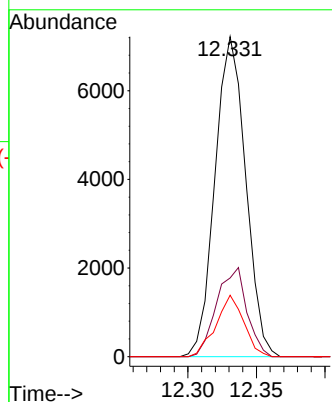
Instrument :
MSVOA_Y
ClientSampled :
MDL02



Tgt Ion:	105	Resp:	11252
Ion Ratio	Lower	Upper	
105	100		
120	27.4	21.0	31.6
77	17.5	12.7	19.1

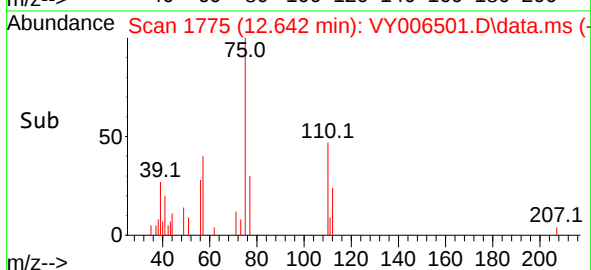
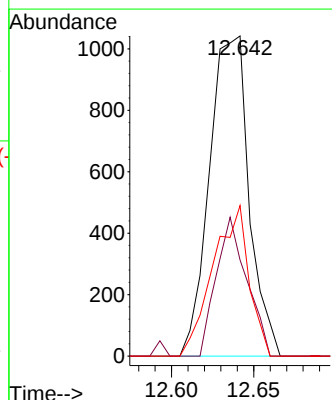
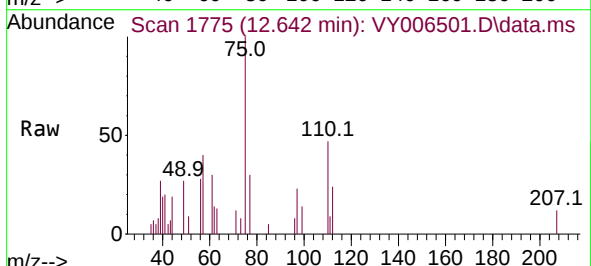
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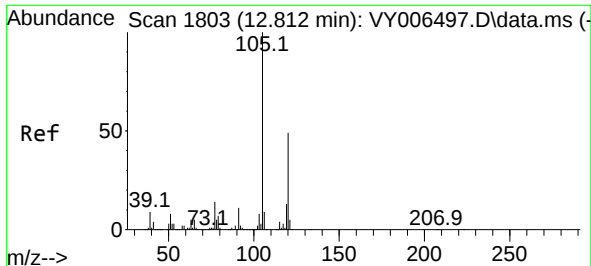
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#61
1,2,3-Trichloropropane
Concen: 0.964 ug/L
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:	75	Resp:	1747
Ion Ratio	Lower	Upper	
75	100		
77	33.5	25.7	38.5
110	42.6	30.8	46.2





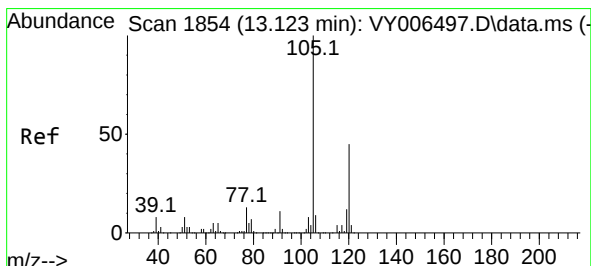
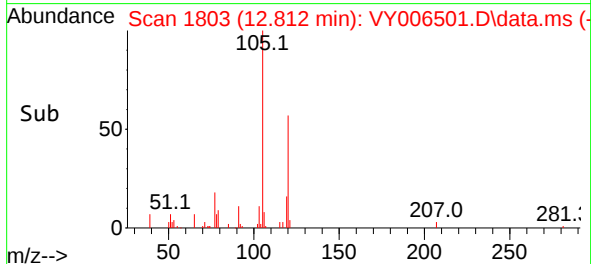
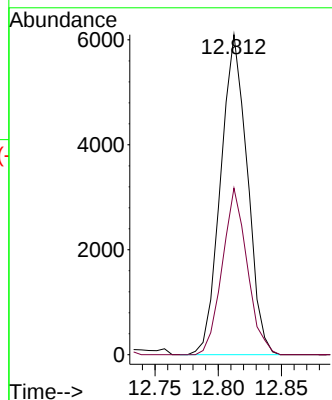
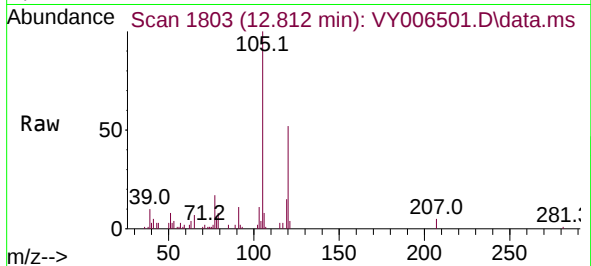
#62
1,3,5-Trimethylbenzene
Concen: 0.879 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:105 Resp: 8925
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

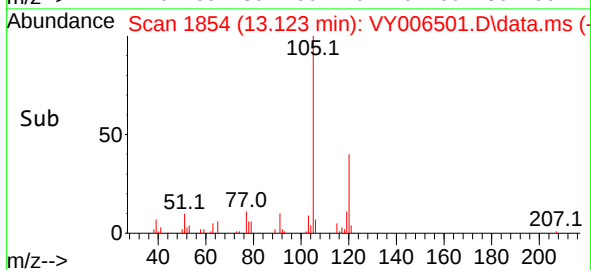
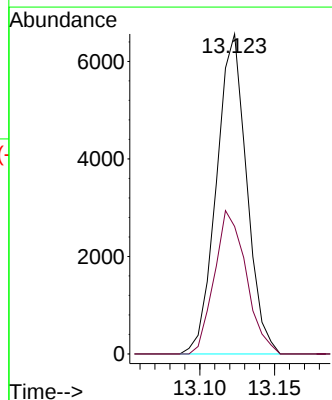
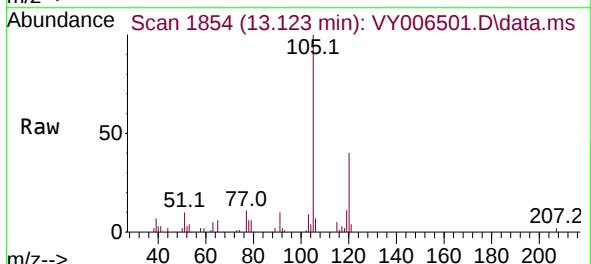
Manual Integrations
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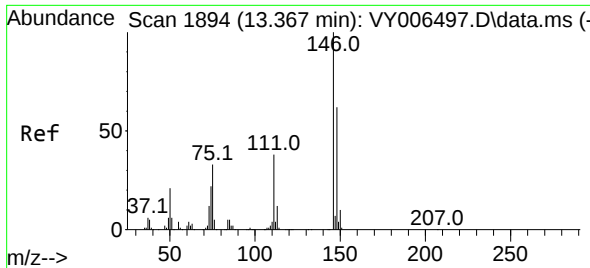
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#63
1,2,4-Trimethylbenzene
Concen: 0.919 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:105 Resp: 9212
Ion Ratio Lower Upper
105 100
120 47.1 36.2 54.4





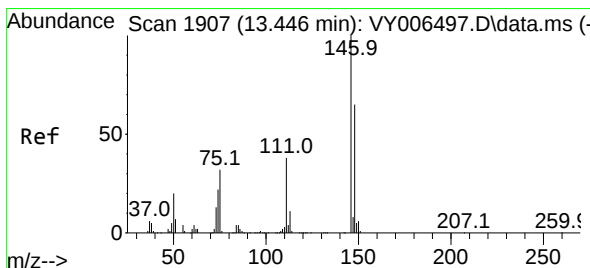
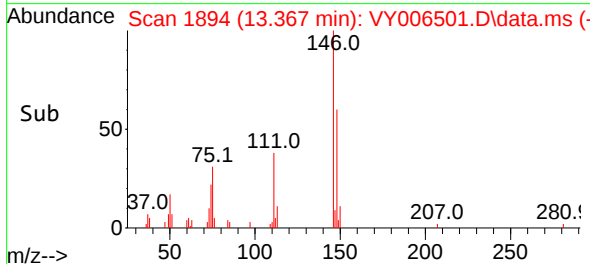
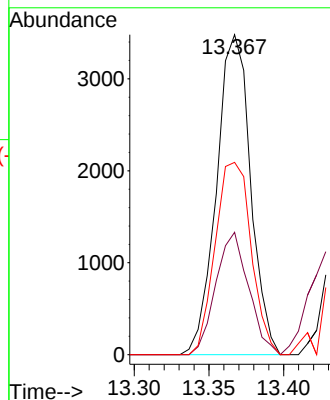
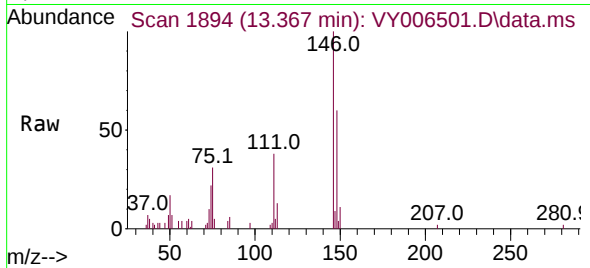
#64
1,3-Dichlorobenzene
Concen: 0.986 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion:146 Resp: 5508
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 60.1 45.1 83.7

Instrument :
MSVOA_Y
ClientSampled :
MDL02

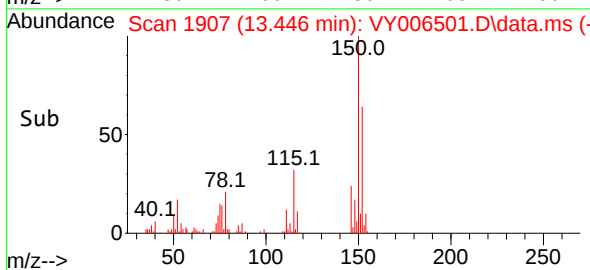
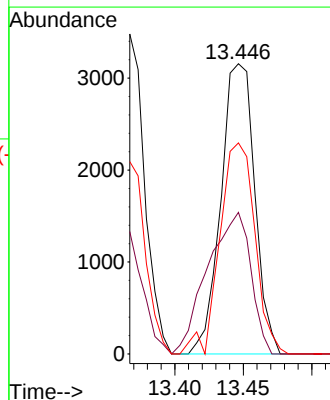
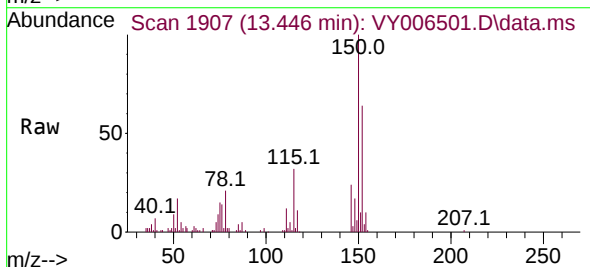
Manual Integrations
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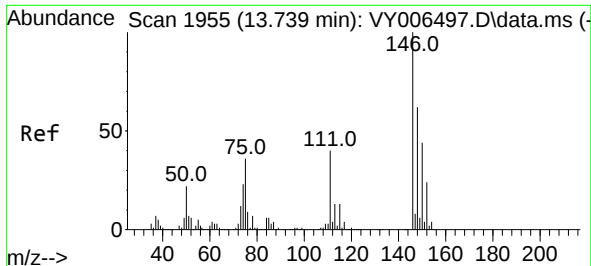
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10/29/2021 4:37:16 PM



#65
1,4-Dichlorobenzene
Concen: 0.967 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

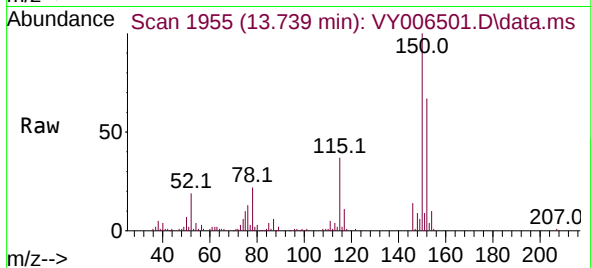
Tgt Ion:146 Resp: 5433
Ion Ratio Lower Upper
146 100
111 48.8 26.4 49.0
148 72.8 44.3 82.3





#67
1,2-Dichlorobenzene
Concen: 1.008 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

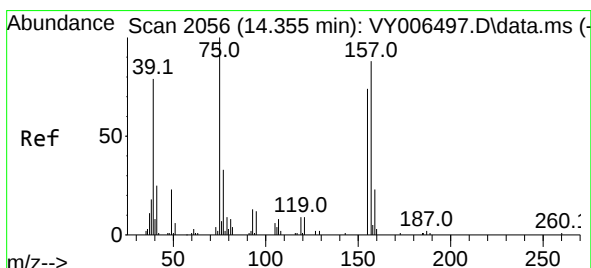
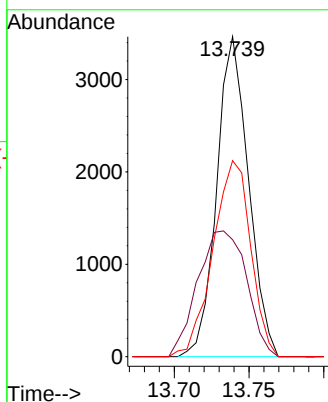
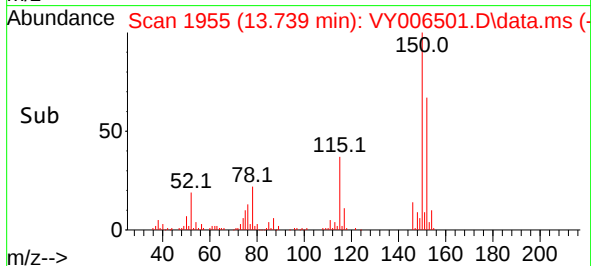
Instrument :
MSVOA_Y
ClientSampled :
MDL02



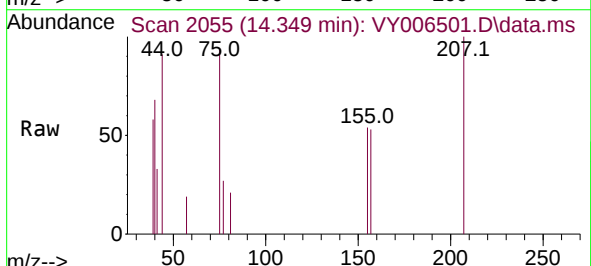
Tgt Ion:146 Resp: 5118
Ion Ratio Lower Upper
146 100
111 36.5 33.9 50.9
148 61.3 49.7 74.5

Manual Integrations
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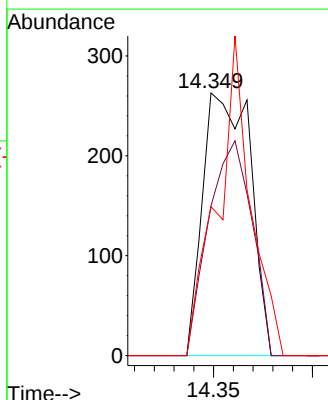
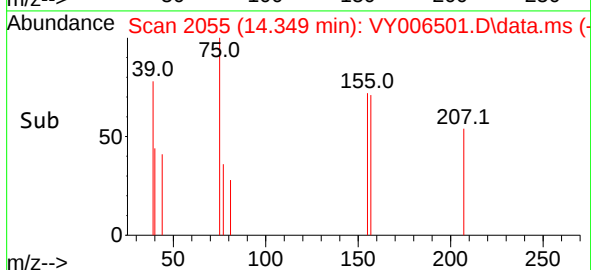
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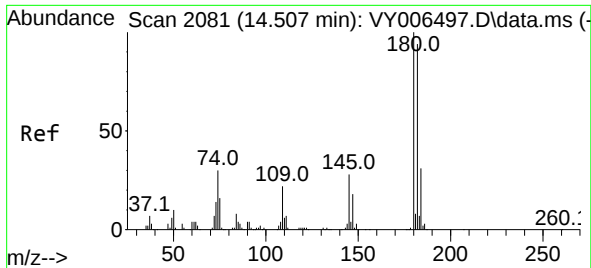


#68
1,2-Dibromo-3-chloropropane
Concen: 1.006 ug/L m
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



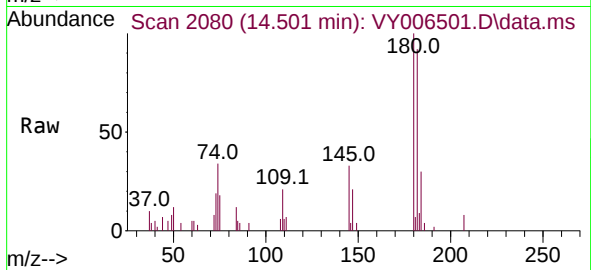
Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
155 57.0 64.5 96.7#
157 56.7 77.4 116.2#





#69
1,3,5-Trichlorobenzene
Concen: 1.018 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

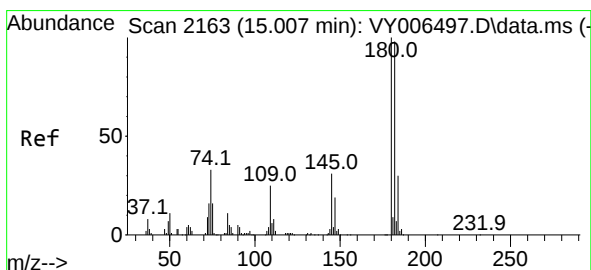
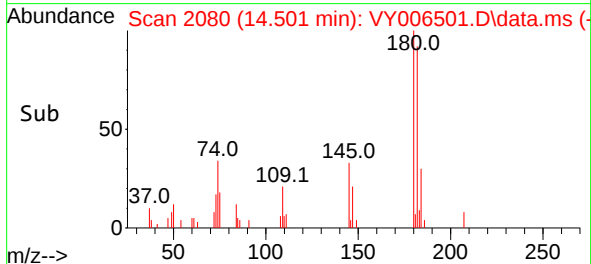
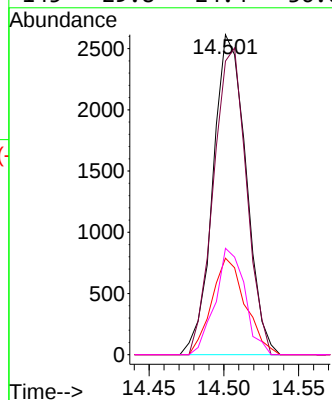
Instrument :
MSVOA_Y
ClientSampled :
MDL02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.1	114.1
184	30.8	24.6	36.8
145	29.8	24.4	36.6

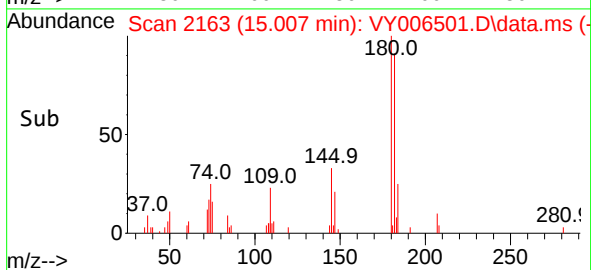
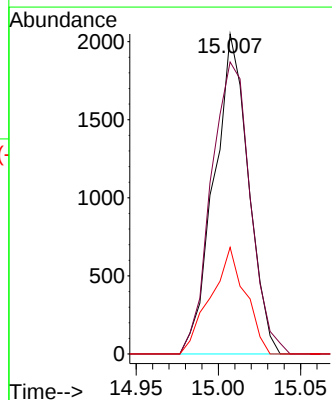
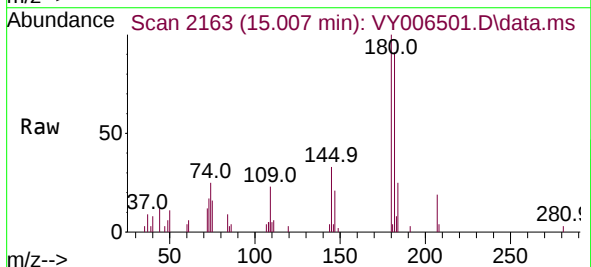
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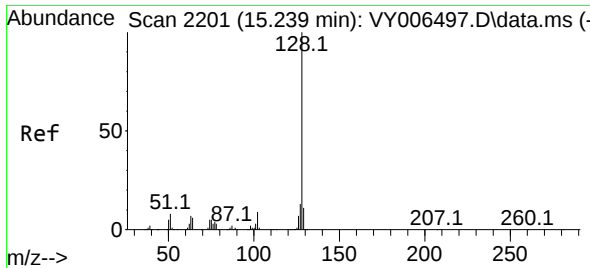
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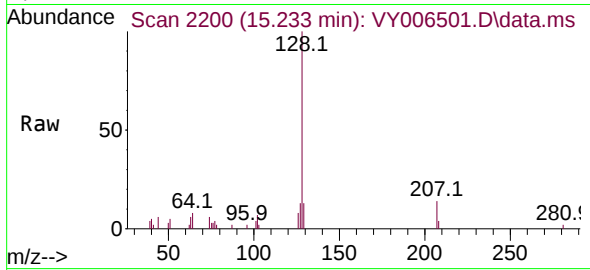
#70
1,2,4-trichlorobenzene
Concen: 0.931 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.5	76.4	114.6
145	33.9	25.0	37.6

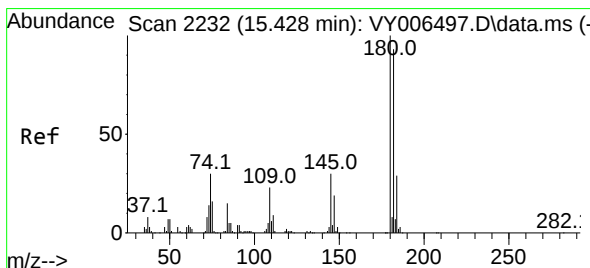
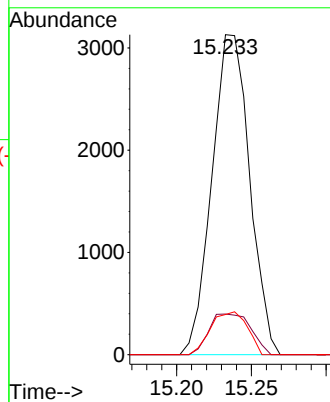
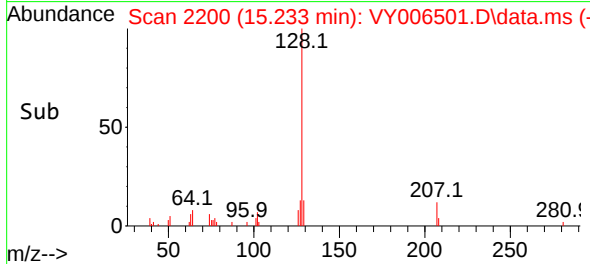




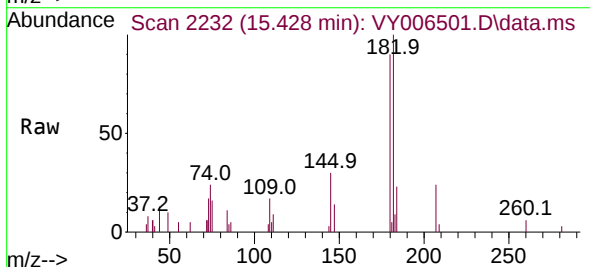
#71
Naphthalene
Concen: 0.880 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



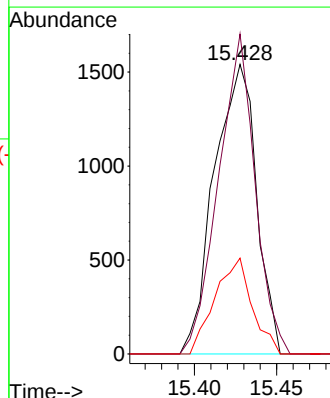
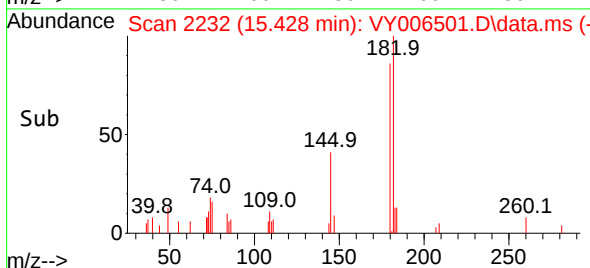
Tgt Ion:128 Resp: 5492
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 13.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 0.988 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006501.D
Acq: 27 Oct 2021 17:04



Tgt Ion:180 Resp: 2742
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 29.3 25.8 38.8



Instrument :
MSVOA_Y
ClientSampleId :
MDL02

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