

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100721\
 Data File : VY006325.D
 Acq On : 07 Oct 2021 12:31
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

apatel
 10/14/2021 10:56:35 AM

Quant Time: Oct 08 01:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	205986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	193403	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	94848	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	74059	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.72%		
7) Chloroethane-d5	2.771	69	60266	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.96%		
11) 1,1-Dichloroethene-d2	3.857	63	94181	16.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.36%		
21) 2-Butanone-d5	6.899	46	44386	46.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.00%		
24) Chloroform-d	7.484	84	117570	22.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.64%		
26) 1,2-Dichloroethane-d4	8.149	65	80110	23.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.04%		
32) Benzene-d6	8.118	84	251155	23.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.40%		
36) 1,2-Dichloropropane-d6	9.124	67	74038	23.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.84%		
41) Toluene-d8	10.185	98	235956	23.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.12%		
43) trans-1,3-Dichloroprop...	10.441	79	37678	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.76%		
47) 2-Hexanone-d5	10.788	63	32211	46.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.26%		
56) 1,1,2,2-Tetrachloroeth...	12.562	84	55597	22.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.20%		
66) 1,2-Dichlorobenzene-d4	13.721	152	81876	25.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	3681	0.96	ug/L	99
3) Chloromethane	2.119	50	3689	0.98	ug/L	92
5) Vinyl chloride	2.253	62	4372	0.99	ug/L #	72
6) Bromomethane	2.662	94	2447	1.22	ug/L	88
8) Chloroethane	2.808	64	2447	0.98	ug/L	87
9) Trichlorofluoromethane	3.137	101	5109	0.94	ug/L	97
12) 1,1-Dichloroethene	3.875	96	3065	1.15	ug/L #	1
13) Acetone	3.960	43	1627m	1.49	ug/L	
14) Carbon disulfide	4.204	76	8310	0.86	ug/L #	94
15) Methyl Acetate	4.491	43	1596	0.94	ug/L #	74
16) Methylene chloride	4.728	84	9262	2.55	ug/L	93
17) trans-1,2-Dichloroethene	5.234	96	2593	0.93	ug/L	98
18) Methyl tert-butyl Ether	5.228	73	6512	0.89	ug/L #	81
19) 1,1-Dichloroethane	6.033	63	4683	0.93	ug/L	97
20) cis-1,2-Dichloroethene	6.990	96	2765	0.95	ug/L	80
22) 2-Butanone	6.996	43	2095	1.73	ug/L	82
23) Bromochloromethane	7.344	128	1252	0.94	ug/L	83
25) Chloroform	7.508	83	12867	2.32	ug/L	92
27) 1,2-Dichloroethane	8.240	62	3791	0.96	ug/L	100

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 ClientSampleId :
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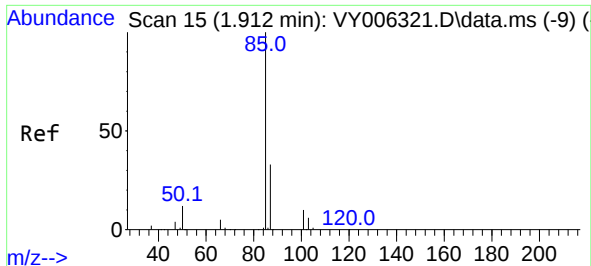
Manual Integrations
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Quant Time: Oct 08 01:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.789	56	4068	0.82	ug/L	95
30) 1,1,1-Trichloroethane	7.710	97	4581	0.93	ug/L	99
31) Carbon tetrachloride	7.911	117	4036	0.91	ug/L	99
33) Benzene	8.167	78	11434	0.97	ug/L	100
34) Trichloroethene	8.947	95	2893	0.96	ug/L	86
35) Methylcyclohexane	9.185	83	4150	0.79	ug/L	90
37) 1,2-Dichloropropane	9.215	63	2656	0.94	ug/L #	97
38) Bromodichloromethane	9.502	83	4000	1.03	ug/L #	87
39) cis-1,3-Dichloropropene	9.929	75	4055	0.90	ug/L	92
40) 4-Methyl-2-pentanone	10.075	43	4021	1.77	ug/L	98
42) Toluene	10.246	91	15352	1.20	ug/L	95
44) trans-1,3-Dichloropropene	10.465	75	5750	1.36	ug/L	99
45) 1,1,2-Trichloroethane	10.654	97	1941	0.93	ug/L	86
46) Tetrachloroethene	10.727	164	2391	0.97	ug/L	86
48) 2-Hexanone	10.831	43	2927	1.65	ug/L	97
49) Dibromochloromethane	10.989	129	2516	0.96	ug/L	95
50) 1,2-Dibromoethane	11.087	107	1920	0.99	ug/L #	90
51) Chlorobenzene	11.514	112	7555	0.98	ug/L	97
52) Ethylbenzene	11.593	91	12318	0.90	ug/L	99
53) m,p-Xylene	11.697	106	4793	0.92	ug/L	83
54) o-Xylene	12.026	106	4494	0.90	ug/L	89
55) Styrene	12.044	104	7408	0.85	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.587	83	2396	1.05	ug/L #	98
59) Bromoform	12.209	173	1486	0.93	ug/L #	97
60) Isopropylbenzene	12.331	105	11147	0.87	ug/L	95
61) 1,2,3-Trichloropropane	12.636	75	1825	0.98	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	8993	0.86	ug/L	95
63) 1,2,4-Trimethylbenzene	13.123	105	9347	0.91	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	5622	0.98	ug/L	96
65) 1,4-Dichlorobenzene	13.446	146	5762	1.00	ug/L	88
67) 1,2-Dichlorobenzene	13.739	146	4986	0.96	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.361	75	469m	1.05	ug/L	
69) 1,3,5-Trichlorobenzene	14.501	180	3644	0.90	ug/L	95
70) 1,2,4-trichlorobenzene	15.007	180	3188	0.97	ug/L	98
71) Naphthalene	15.233	128	5698	0.89	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.422	180	2725	0.96	ug/L	98

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



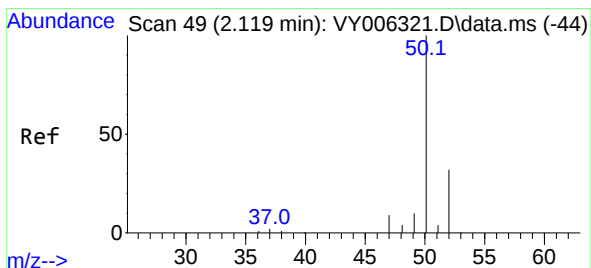
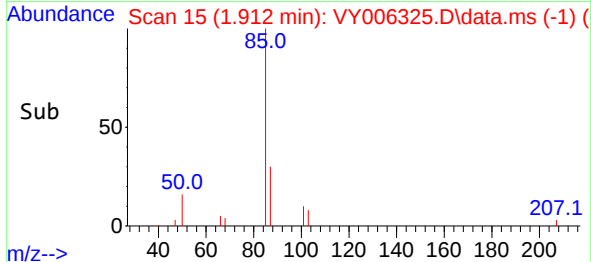
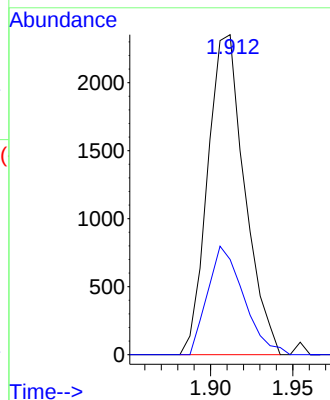
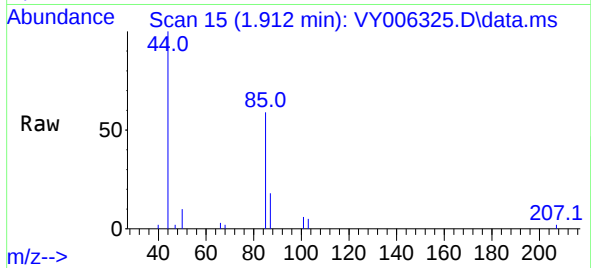
#2
Dichlorodifluoromethane
Concen: 0.96 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 85 Resp: 3681
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.2

Instrument :
MSVOA_Y
ClientSampled :
MDL04

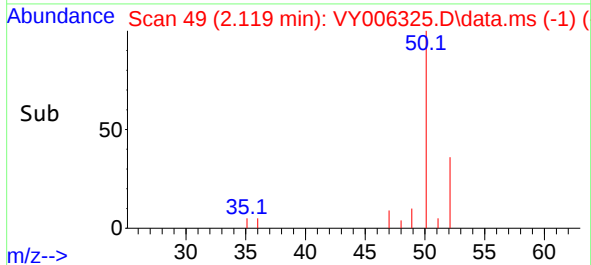
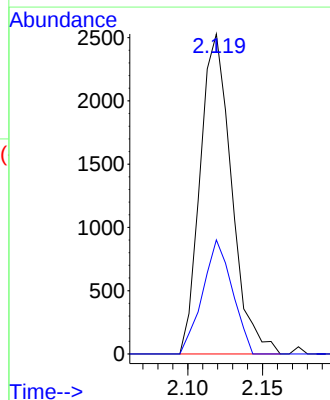
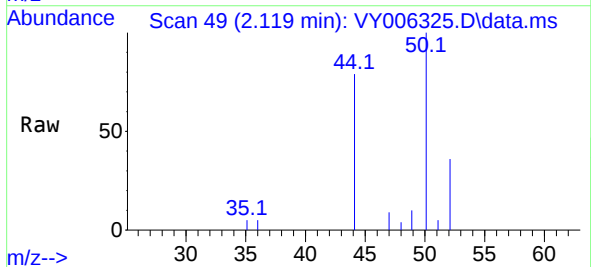
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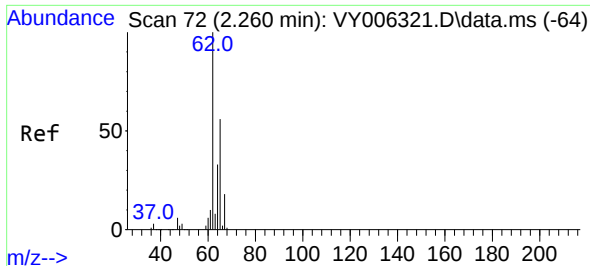
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#3
Chloromethane
Concen: 0.98 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 50 Resp: 3689
Ion Ratio Lower Upper
50 100
52 35.6 21.8 40.4





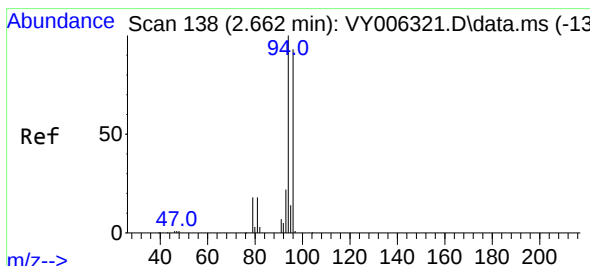
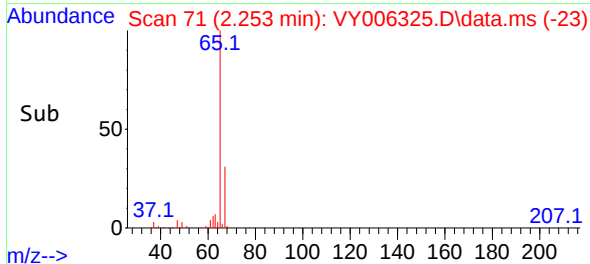
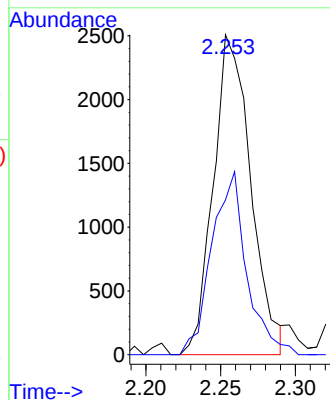
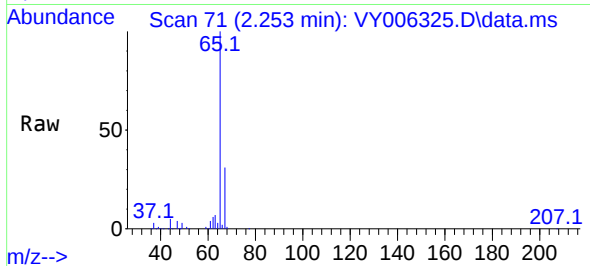
#5
 Vinyl chloride
 Concen: 0.99 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY006325.D
 Acq: 07 Oct 2021 12:31

Tgt Ion: 62 Resp: 4372
 Ion Ratio Lower Upper
 62 100
 64 48.3 22.8 42.4#

Instrument :
 MSVOA_Y
 ClientSampled :
 MDL04

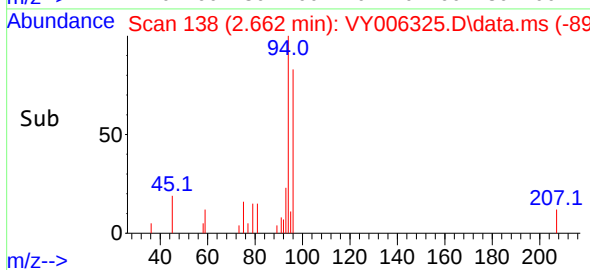
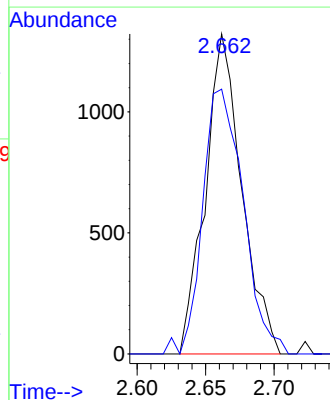
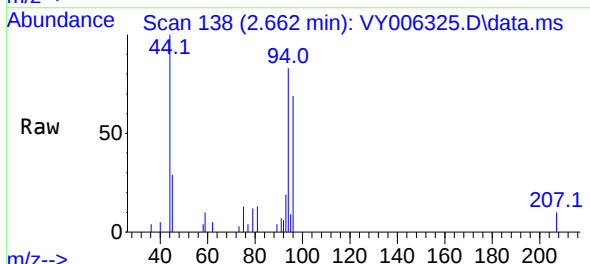
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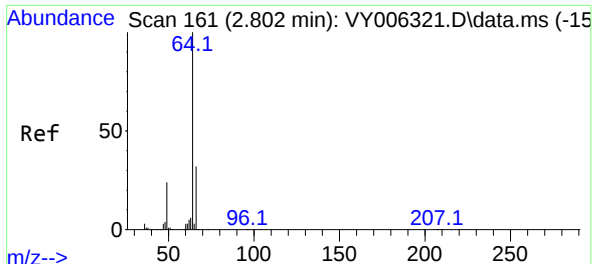
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#6
 Bromomethane
 Concen: 1.22 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006325.D
 Acq: 07 Oct 2021 12:31

Tgt Ion: 94 Resp: 2447
 Ion Ratio Lower Upper
 94 100
 96 82.8 65.9 122.5





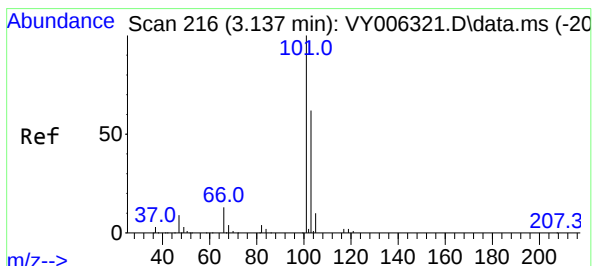
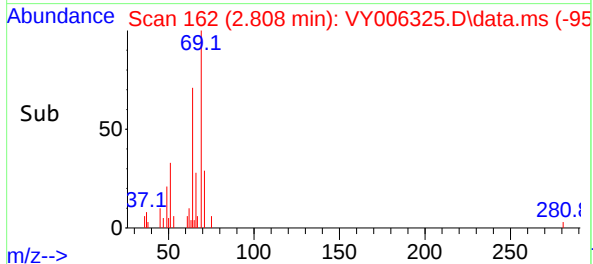
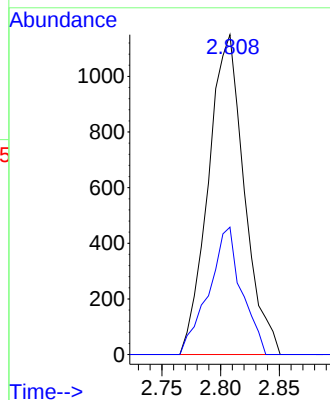
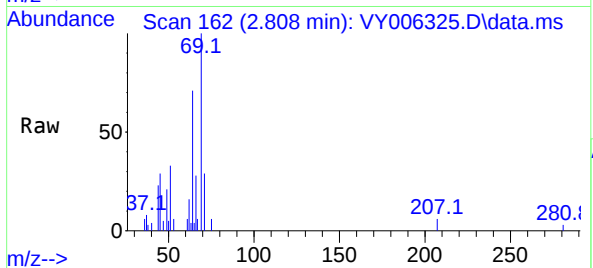
#8
Chloroethane
Concen: 0.98 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 64 Resp: 2447
Ion Ratio Lower Upper
64 100
66 39.8 22.7 42.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL04

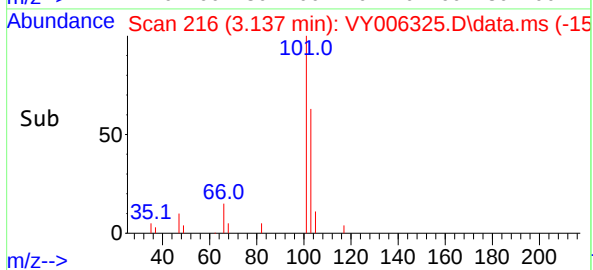
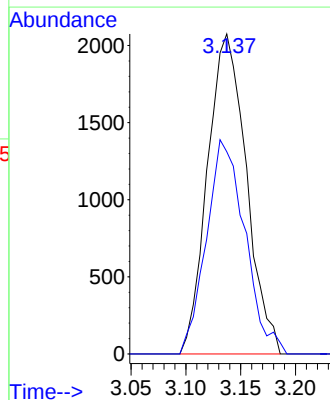
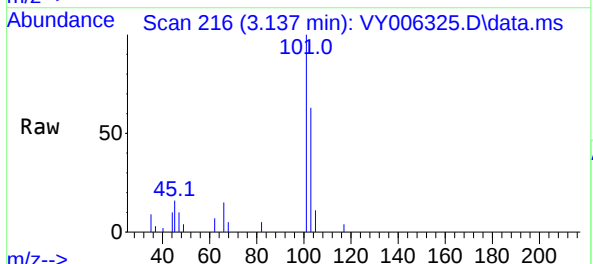
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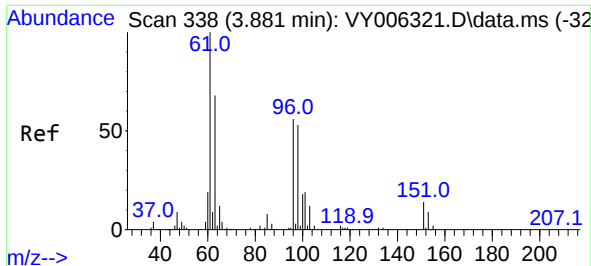
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#9
Trichlorofluoromethane
Concen: 0.94 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

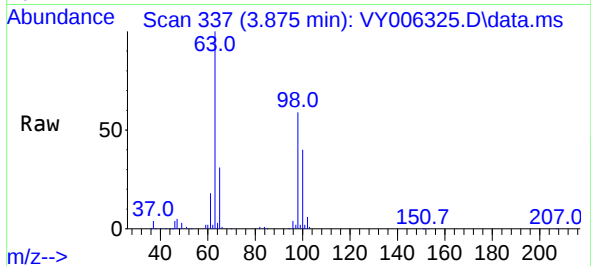
Tgt Ion: 101 Resp: 5109
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.2





#12
1,1-Dichloroethene
Concen: 1.15 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

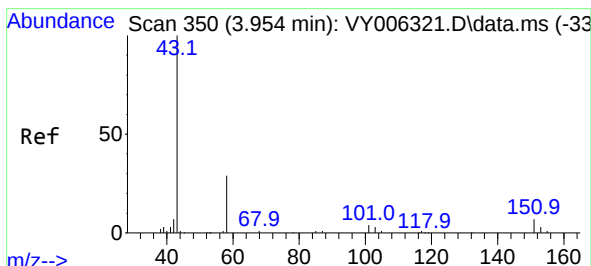
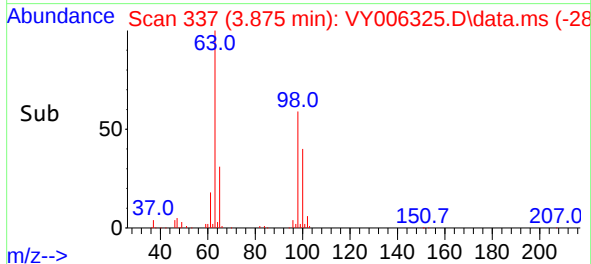
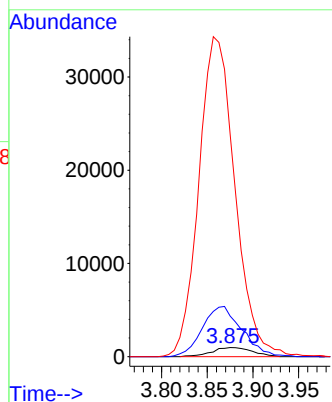
Instrument :
MSVOA_Y
ClientSampled :
MDL04



Tgt Ion: 96 Resp: 3065
Ion Ratio Lower Upper
96 100
61 443.1 121.2 225.2#
63 2430.9 86.9 161.3#

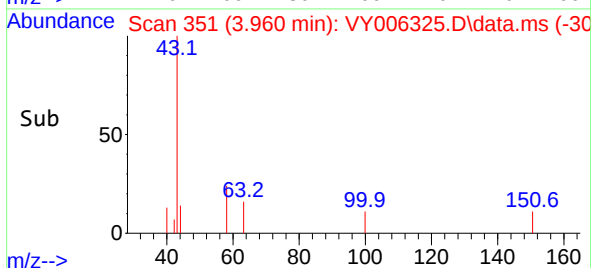
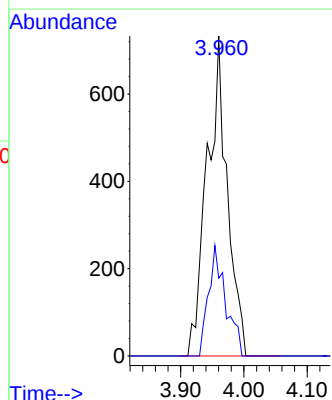
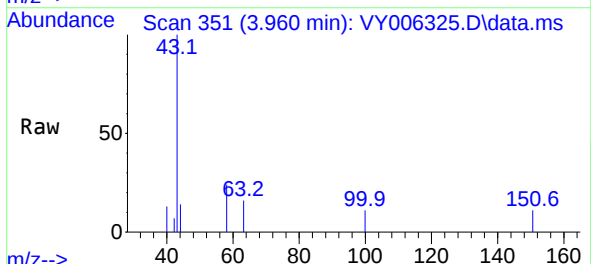
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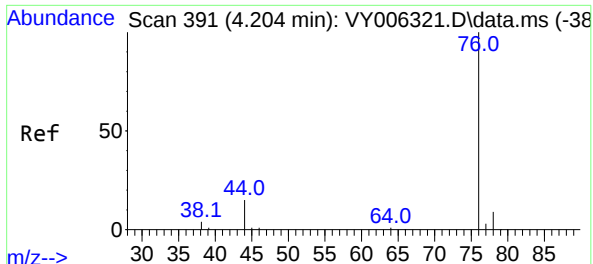
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#13
Acetone
Concen: 1.49 ug/L m
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

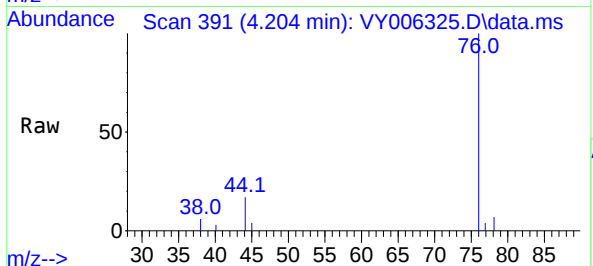
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 24.2 0.0 61.0



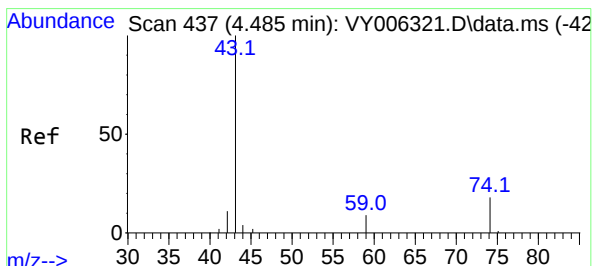
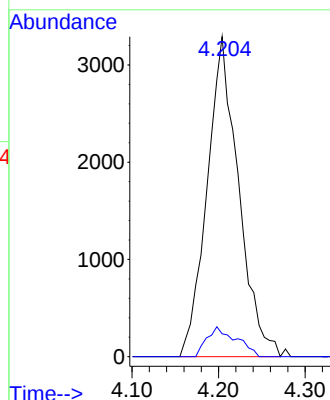
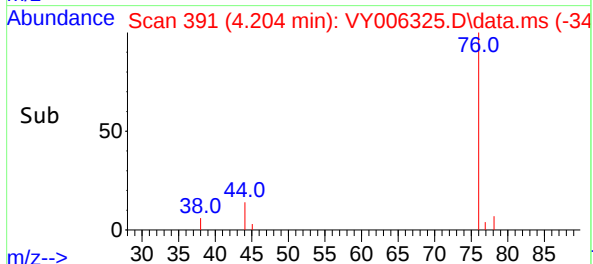


#14
Carbon disulfide
Concen: 0.86 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

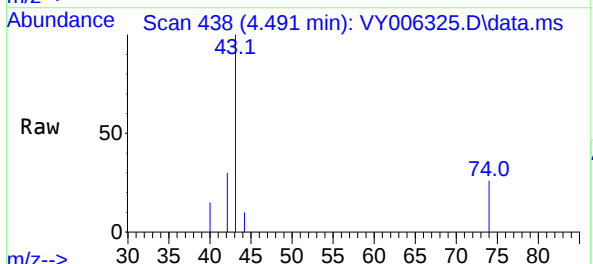
Instrument :
MSVOA_Y
ClientSampled :
MDL04



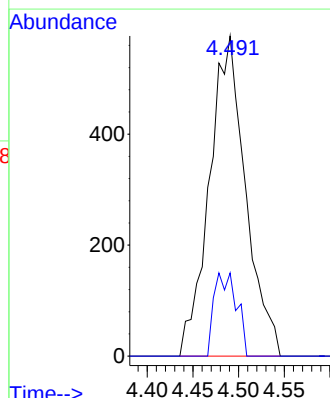
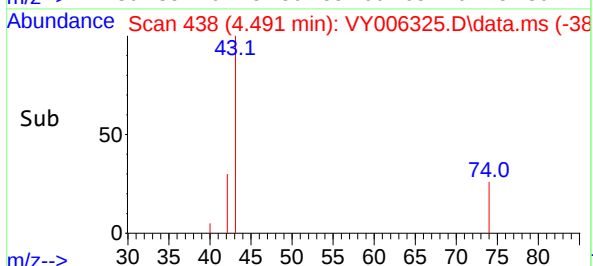
Tgt Ion: 76 Resp: 8310
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.2#

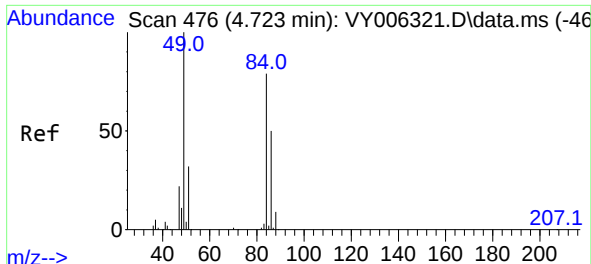


#15
Methyl Acetate
Concen: 0.94 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



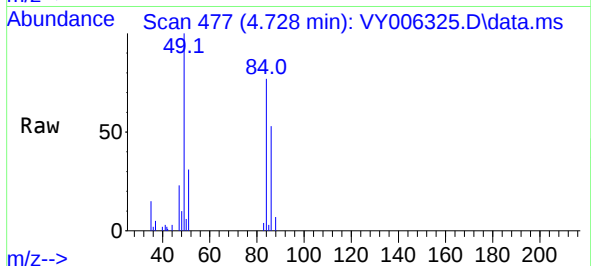
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Ion Ratio Lower Upper
43 100
74 8.6 16.7 25.1#





#16
Methylene chloride
Concen: 2.55 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.005 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

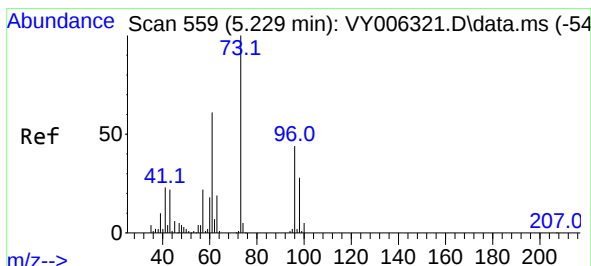
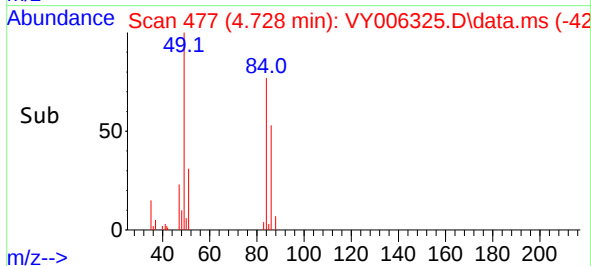
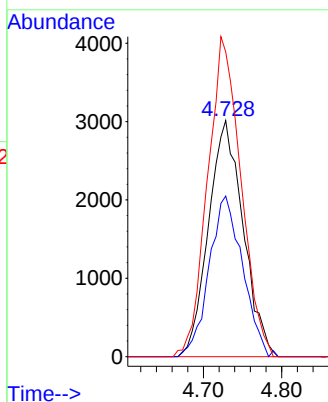
Instrument :
MSVOA_Y
ClientSampled :
MDL04



Tgt Ion: 84 Resp: 9262
Ion Ratio Lower Upper
84 100
86 68.0 43.2 80.2
49 129.1 96.0 178.4

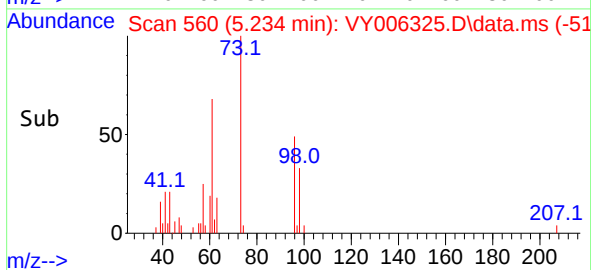
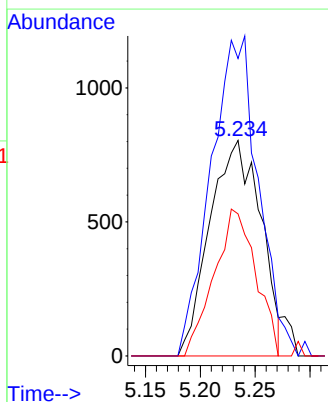
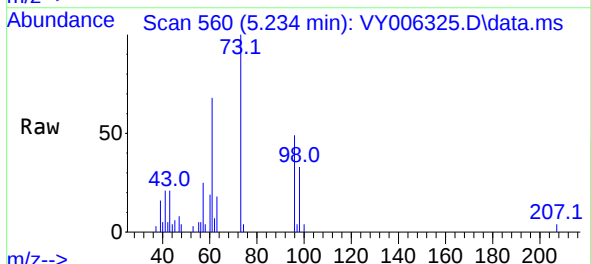
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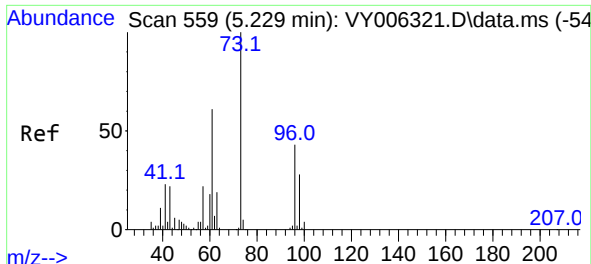
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#17
trans-1,2-Dichloroethene
Concen: 0.93 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

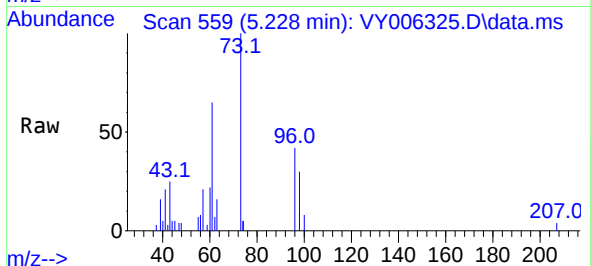
Tgt Ion: 96 Resp: 2593
Ion Ratio Lower Upper
96 100
61 138.1 97.6 181.2
98 65.9 44.8 83.2





#18
Methyl tert-butyl Ether
Concen: 0.89 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

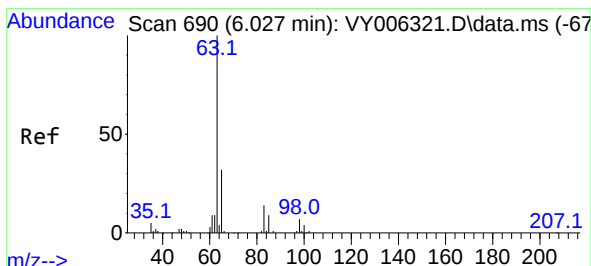
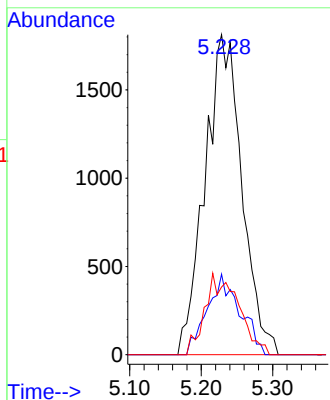
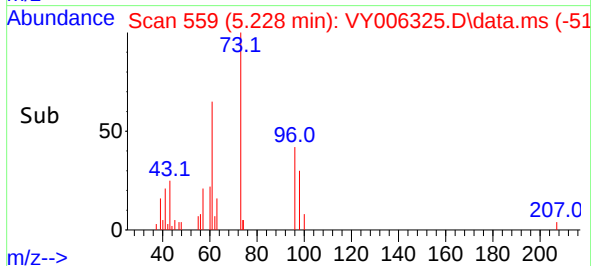
Instrument :
MSVOA_Y
ClientSampled :
MDL04



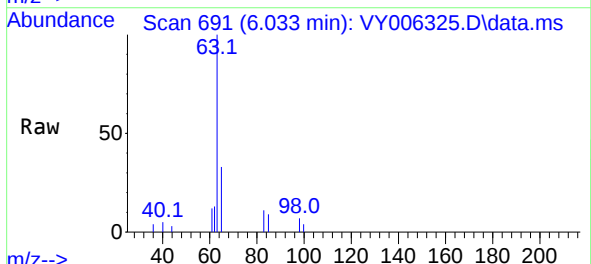
Tgt Ion: 73 Resp: 6512
Ion Ratio Lower Upper
73 100
43 12.9 16.8 25.2#
57 13.7 18.7 28.1#

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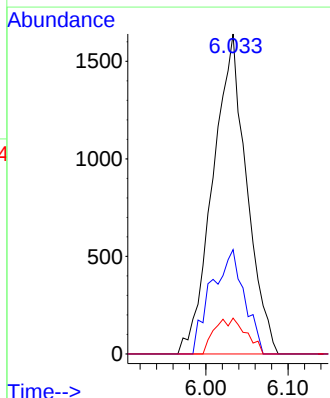
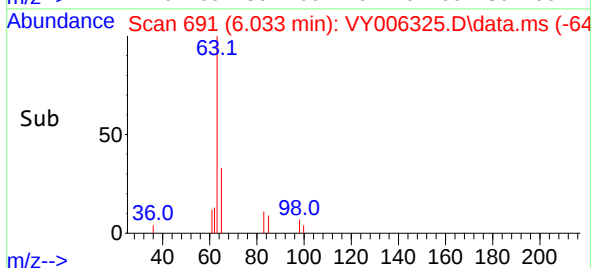
apatel
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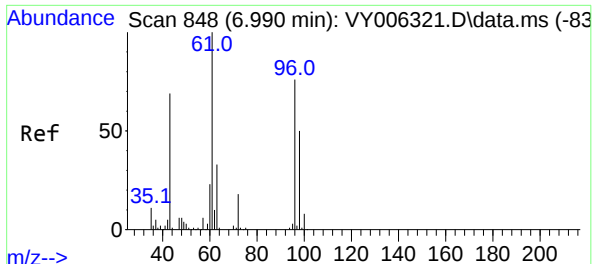


#19
1,1-Dichloroethane
Concen: 0.93 ug/L
RT: 6.033 min Scan# 691
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

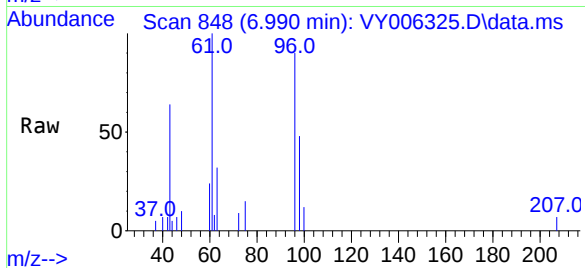


Tgt Ion: 63 Resp: 4683
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 11.2 9.5 17.7



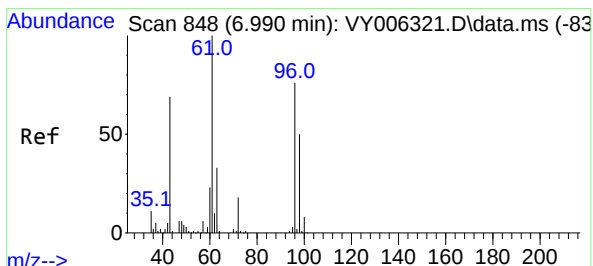
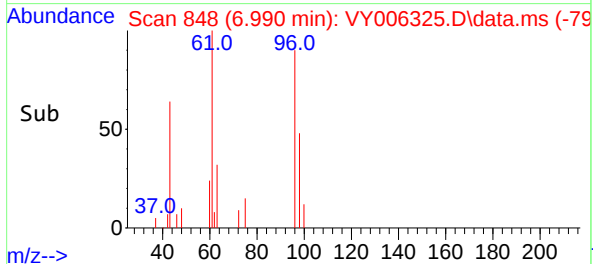
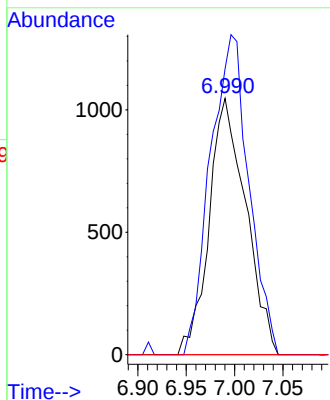


#20
cis-1,2-Dichloroethene
Concen: 0.95 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

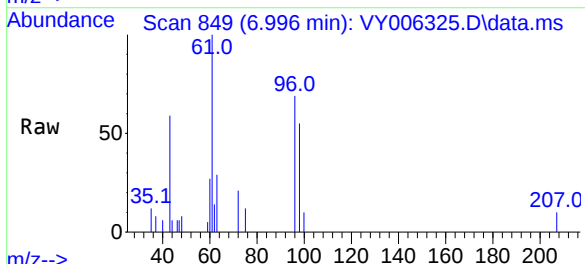


Tgt Ion: 96 Resp: 2765

Ion	Ratio	Lower	Upper
96	100		
61	111.6	94.8	176.2
68	0.0	0.0	0.0

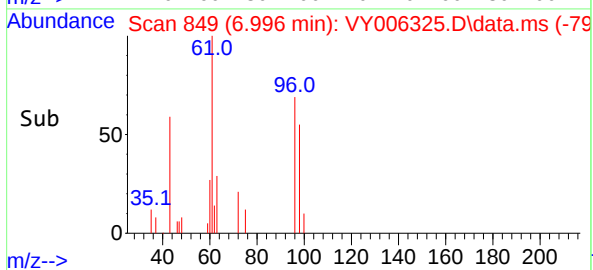
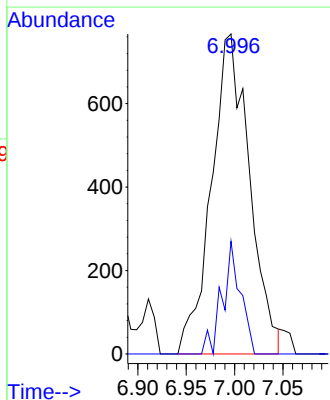


#22
2-Butanone
Concen: 1.73 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion: 43 Resp: 2095

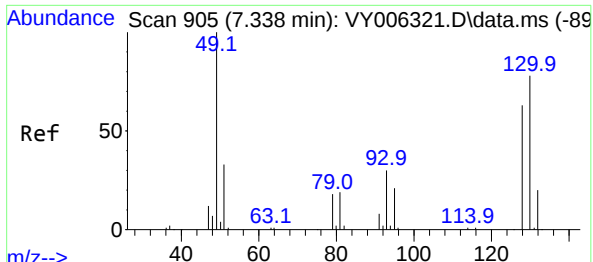
Ion	Ratio	Lower	Upper
43	100		
72	15.7	12.2	36.6



Instrument :
MSVOA_Y
ClientSampleId :
MDL04

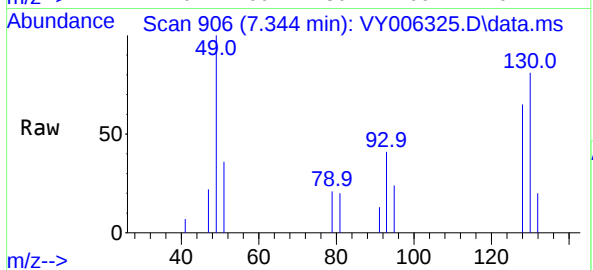
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#23
Bromochloromethane
Concen: 0.94 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Instrument :
MSVOA_Y
ClientSampled :
MDL04

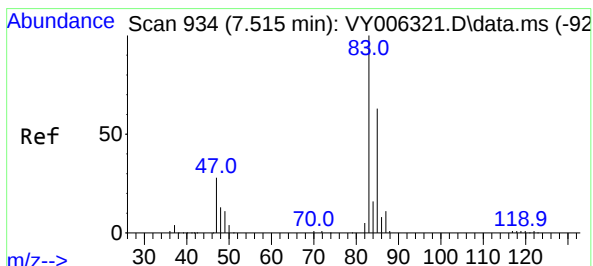
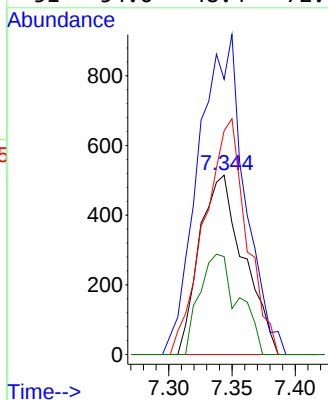
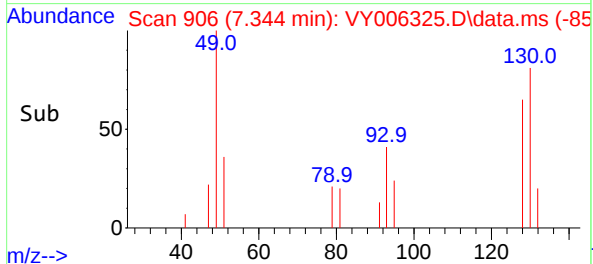


Tgt Ion: 128 Resp: 1252

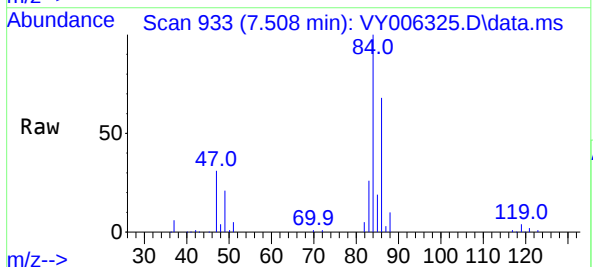
Ion	Ratio	Lower	Upper
128	100		
49	153.4	138.9	258.1
130	124.7	88.3	164.1
51	54.6	48.4	72.6

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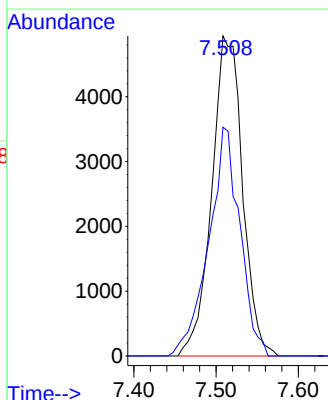
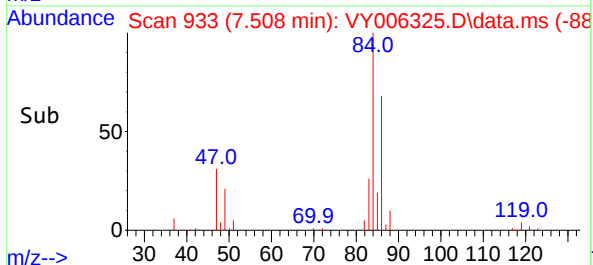


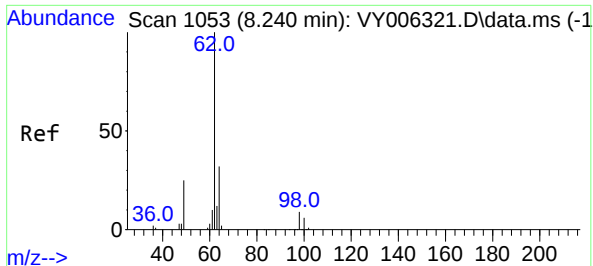
#25
Chloroform
Concen: 2.32 ug/L
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion: 83 Resp: 12867

Ion	Ratio	Lower	Upper
83	100		
85	71.5	45.4	84.4





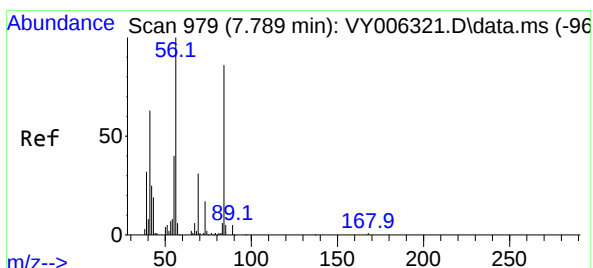
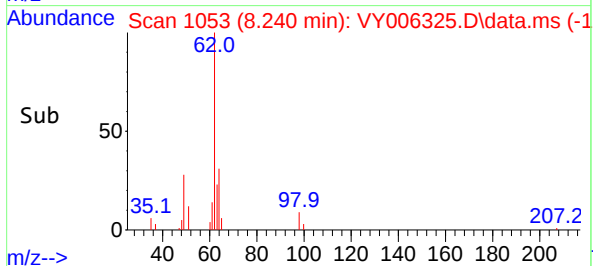
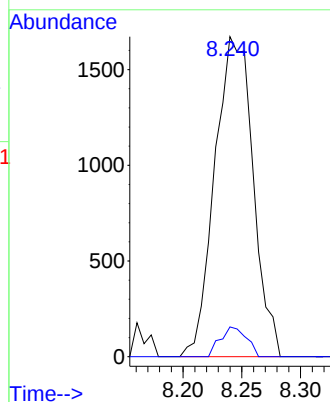
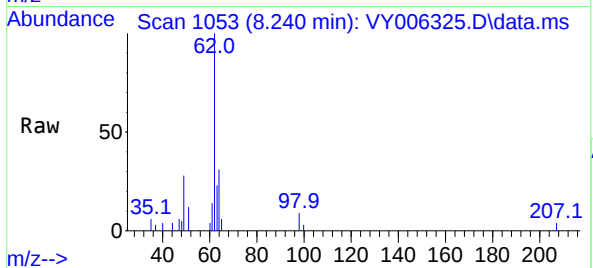
#27
1,2-Dichloroethane
Concen: 0.96 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 62 Resp: 3791
Ion Ratio Lower Upper
62 100
98 9.3 7.5 11.3

Instrument :
MSVOA_Y
ClientSampled :
MDL04

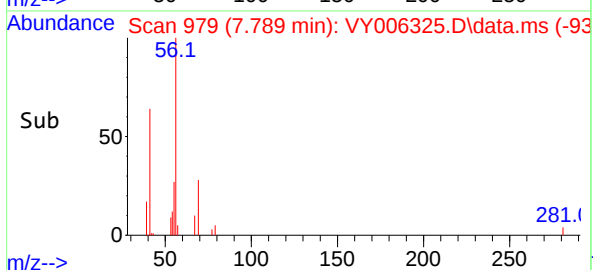
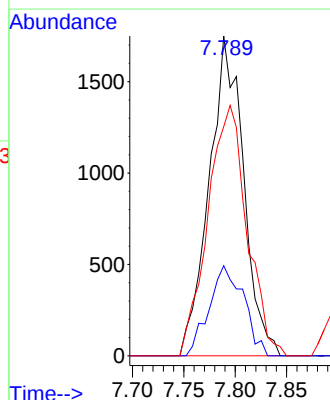
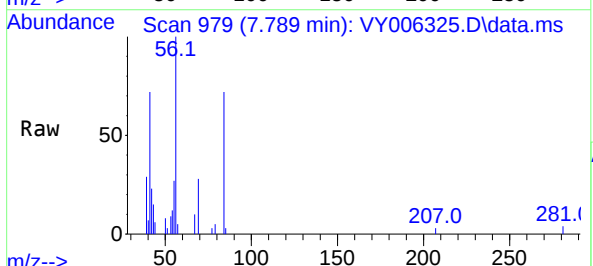
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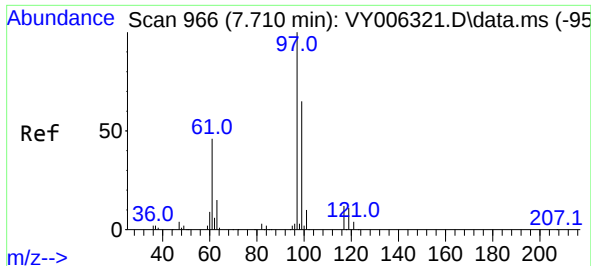
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#29
Cyclohexane
Concen: 0.82 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

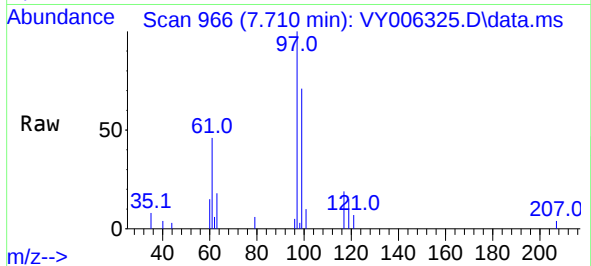
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 28.3 22.6 33.8
84 89.1 66.1 99.1





#30
1,1,1-Trichloroethane
Concen: 0.93 ug/L
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Instrument :
MSVOA_Y
ClientSampled :
MDL04

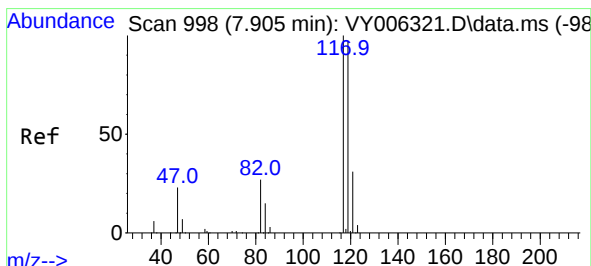
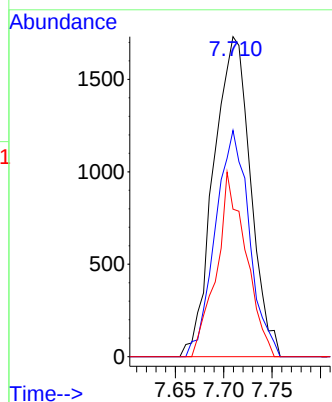


Tgt Ion: 97 Resp: 4581

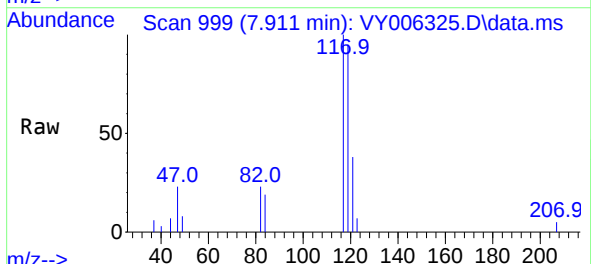
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.6
61	46.0	37.3	55.9

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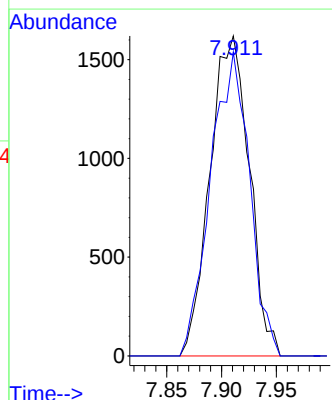
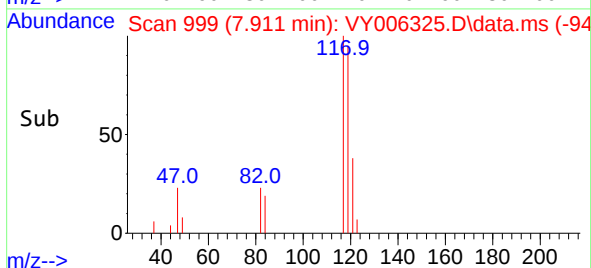


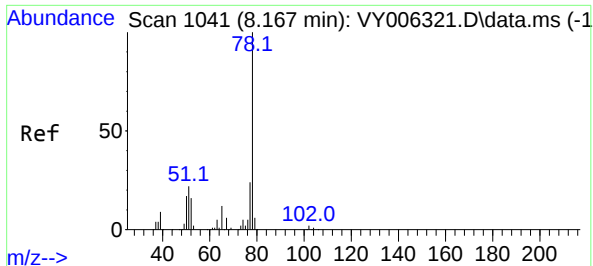
#31
Carbon tetrachloride
Concen: 0.91 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion: 117 Resp: 4036

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2





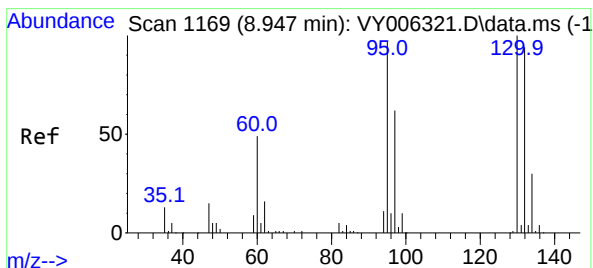
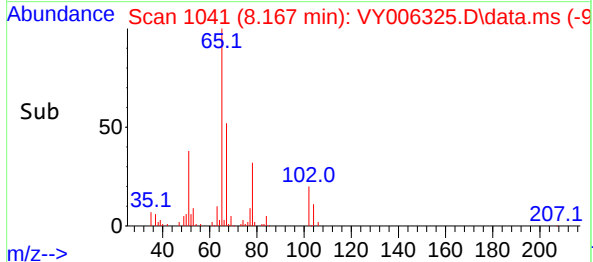
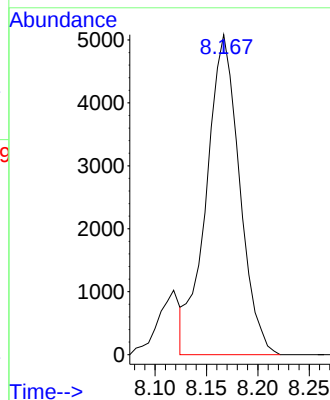
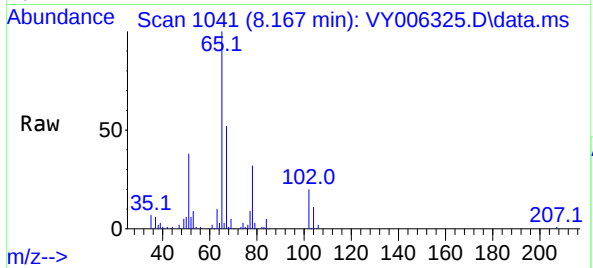
#33
Benzene
Concen: 0.97 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 78 Resp: 11434

Instrument :
MSVOA_Y
ClientSampled :
MDL04

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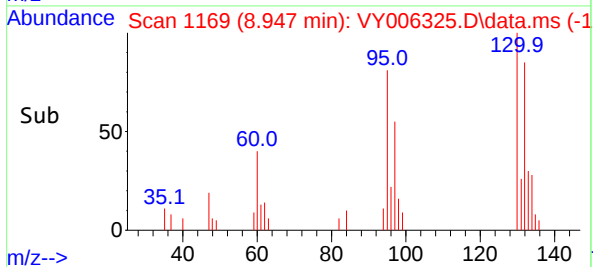
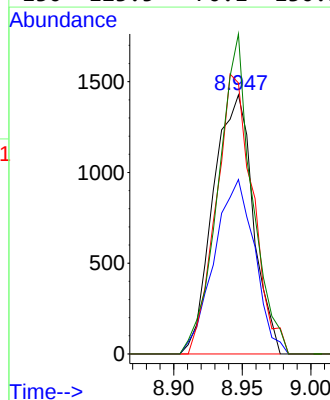
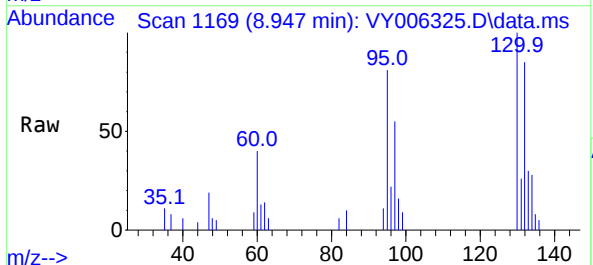
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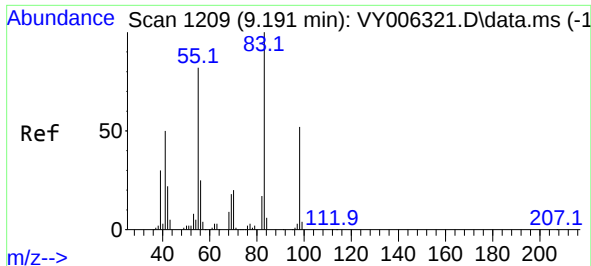


#34
Trichloroethene
Concen: 0.96 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

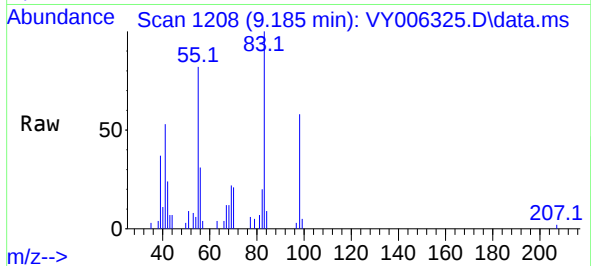
Tgt Ion: 95 Resp: 2893

Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.2	82.2
132	104.6	66.8	124.0
130	123.5	70.1	130.1

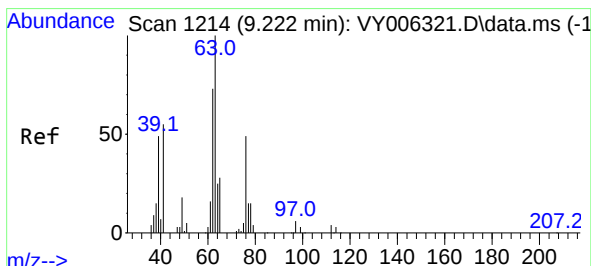
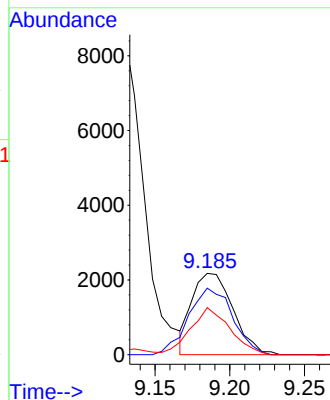
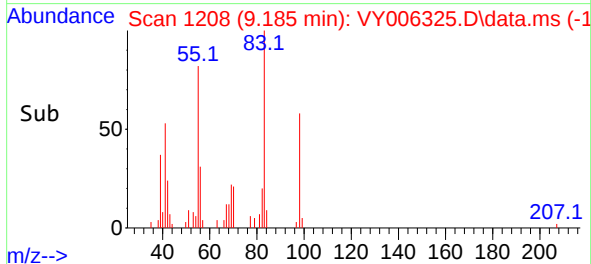




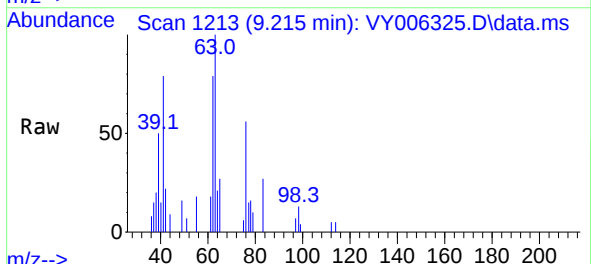
#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



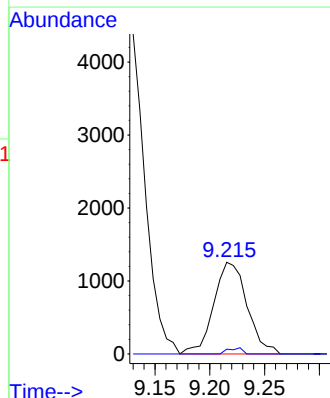
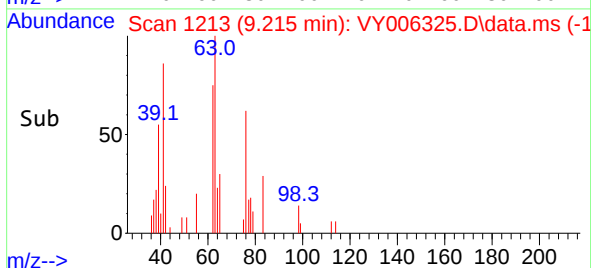
Tgt Ion: 83 Resp: 4150
Ion Ratio Lower Upper
83 100
55 88.3 63.9 95.9
98 55.6 38.7 58.1



#37
1,2-Dichloropropane
Concen: 0.94 ug/L
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



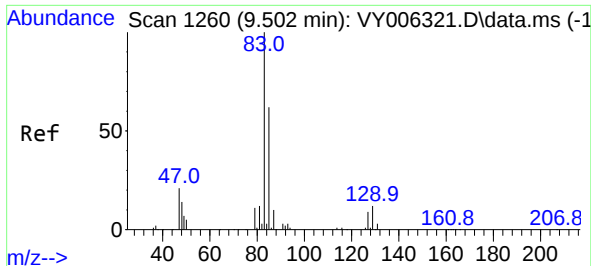
Tgt Ion: 63 Resp: 2656
Ion Ratio Lower Upper
63 100
112 2.9 3.1 4.7#



Instrument :
MSVOA_Y
ClientSampled :
MDL04

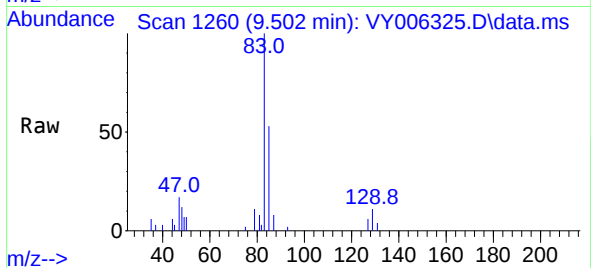
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#38
Bromodichloromethane
Concen: 1.03 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

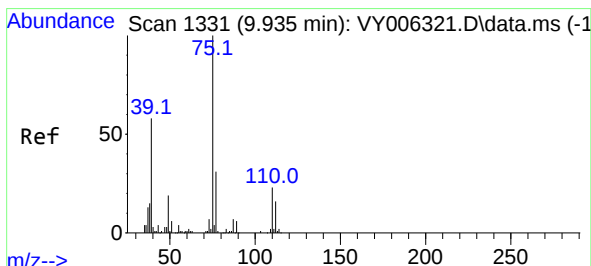
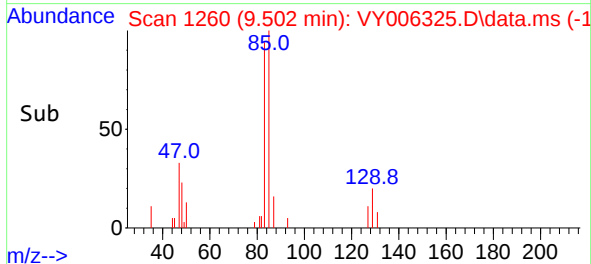
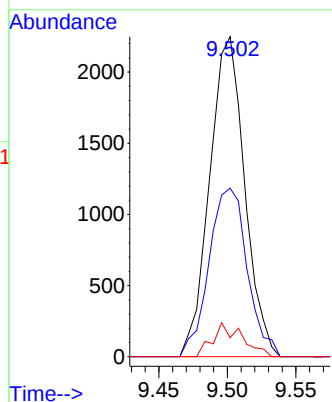
Instrument :
MSVOA_Y
ClientSampled :
MDL04



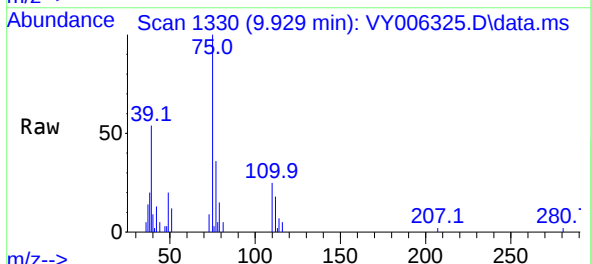
Tgt Ion: 83 Resp: 4000
Ion Ratio Lower Upper
83 100
85 52.7 44.1 81.9
127 6.0 6.9 10.3#

Manual Integrations
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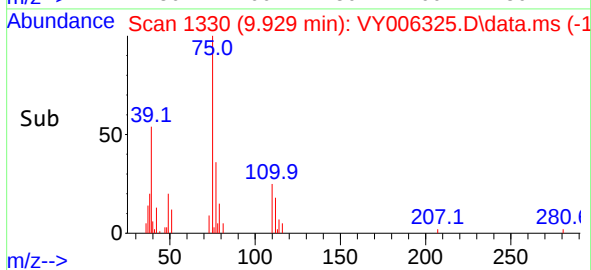
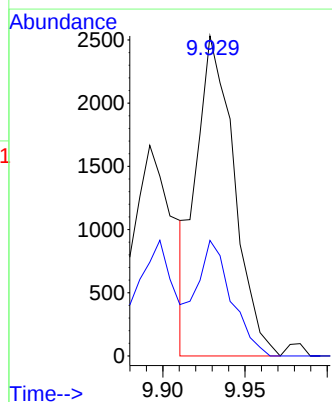
apatel
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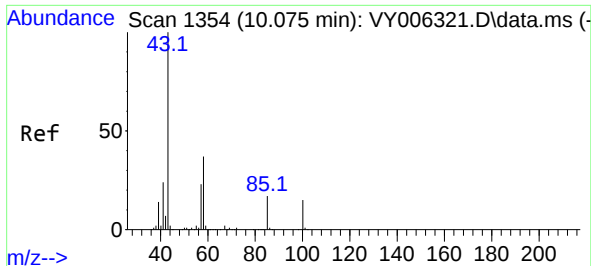


#39
cis-1,3-Dichloropropene
Concen: 0.90 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion: 75 Resp: 4055
Ion Ratio Lower Upper
75 100
77 36.1 22.3 41.3





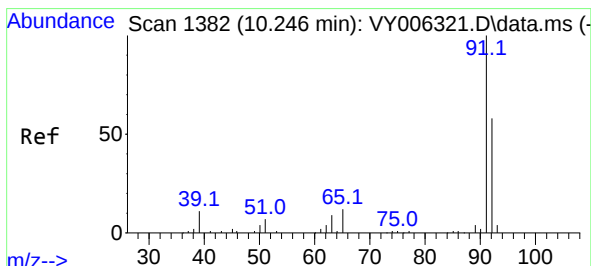
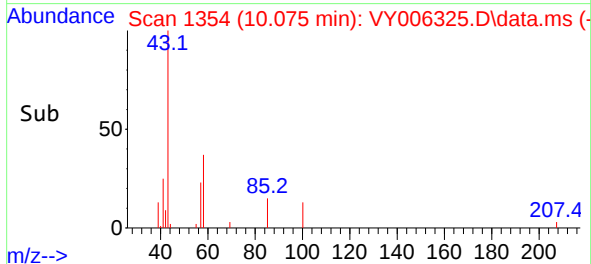
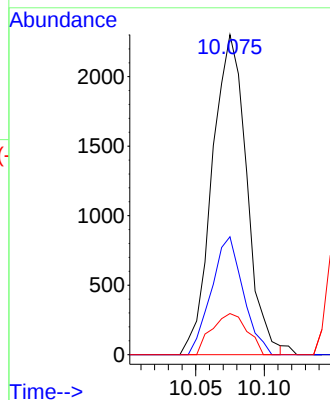
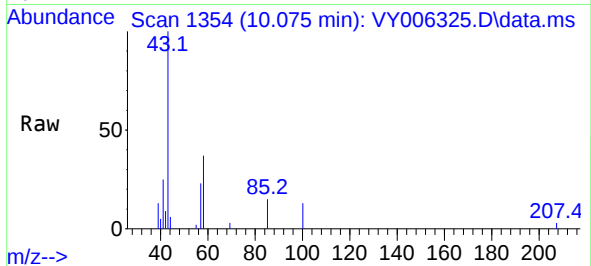
#40
4-Methyl-2-pentanone
Concen: 1.77 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion:	43	Resp:	4021
Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.5	42.7
100	13.2	10.4	15.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL04

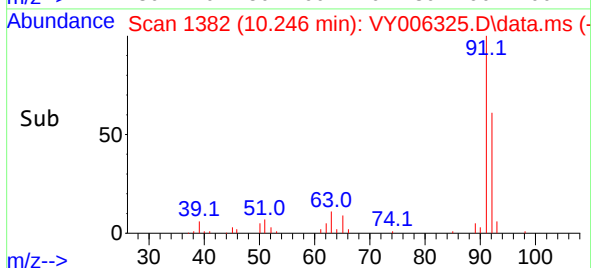
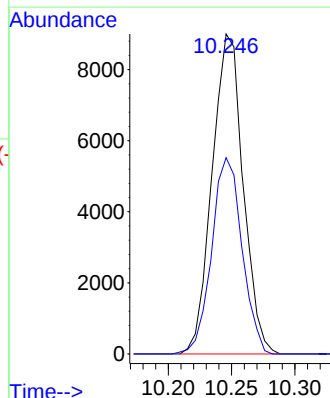
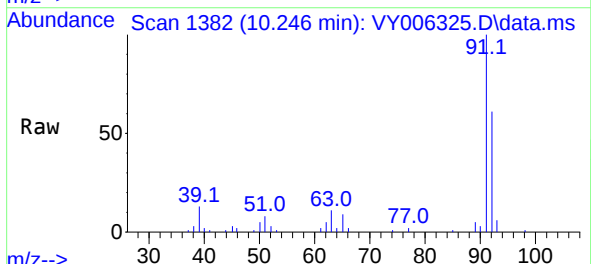
Manual Integrations
APPROVED

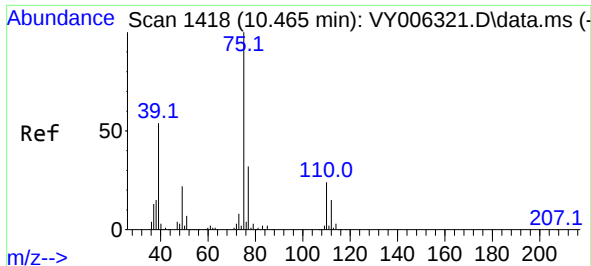
apatel
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#42
Toluene
Concen: 1.20 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

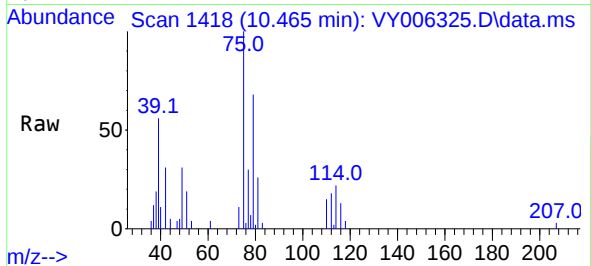
Tgt Ion:	91	Resp:	15352
Ion	Ratio	Lower	Upper
91	100		
92	61.4	40.5	75.1





#44
trans-1,3-Dichloropropene
Concen: 1.36 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

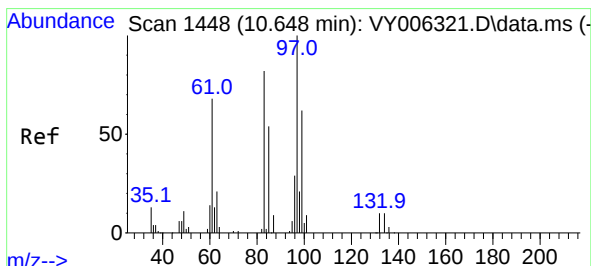
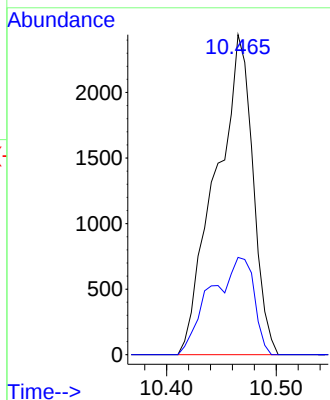
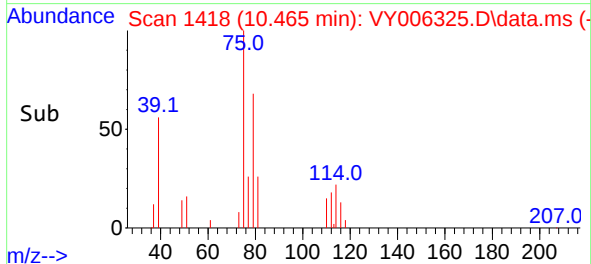
Instrument :
MSVOA_Y
ClientSampled :
MDL04



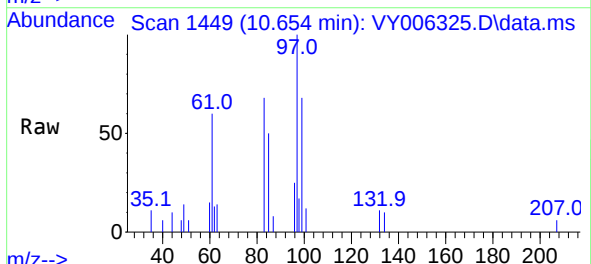
Tgt Ion: 75 Resp: 5750
Ion Ratio Lower Upper
75 100
77 30.4 21.8 40.4

Manual Integrations
APPROVED

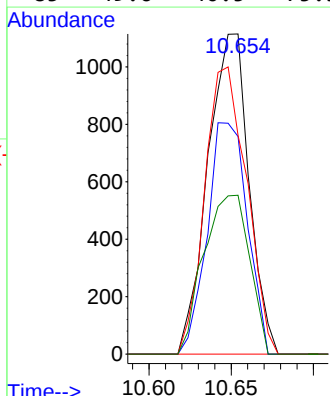
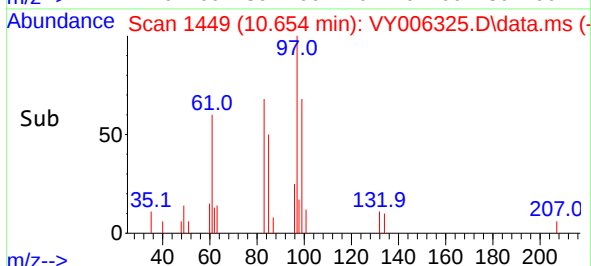
apatel
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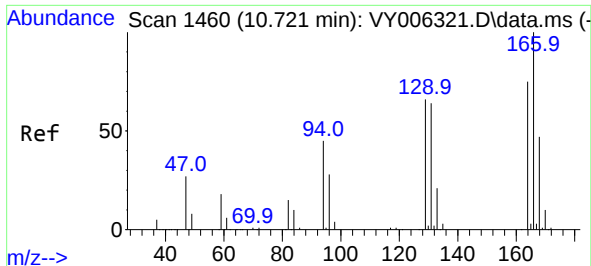


#45
1,1,2-Trichloroethane
Concen: 0.93 ug/L
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion: 97 Resp: 1941
Ion Ratio Lower Upper
97 100
99 68.0 44.2 82.0
83 68.3 61.1 113.5
85 49.6 40.5 75.3





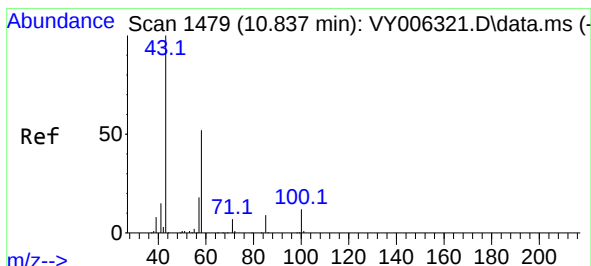
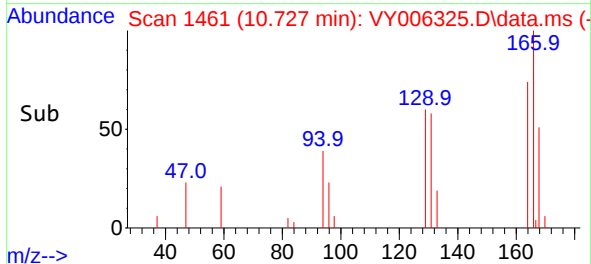
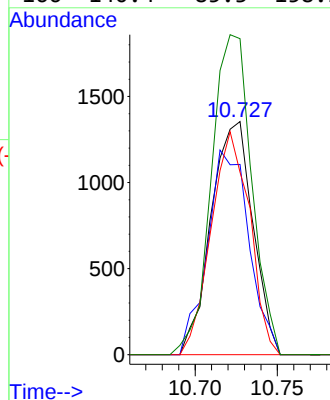
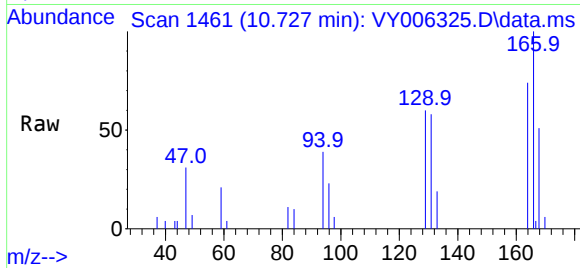
#46
Tetrachloroethene
Concen: 0.97 ug/L
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion:	164	Resp:	2391
Ion	Ratio	Lower	Upper
164	100		
129	81.6	65.9	122.3
131	78.3	61.9	115.1
166	140.4	85.3	158.3

Instrument :
MSVOA_Y
ClientSampled :
MDL04

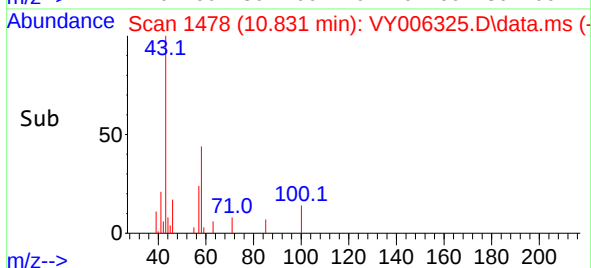
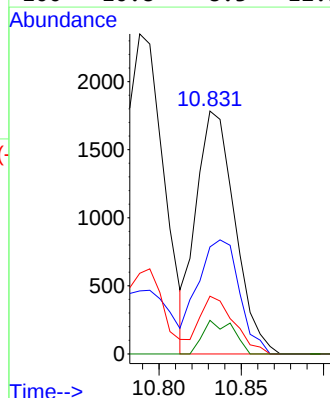
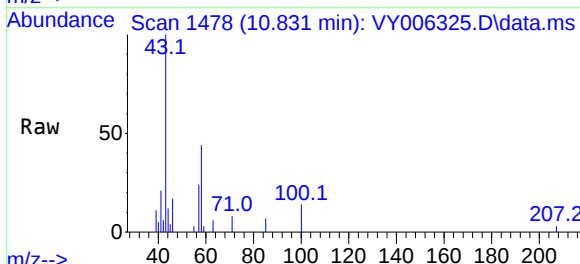
Manual Integrations
APPROVED

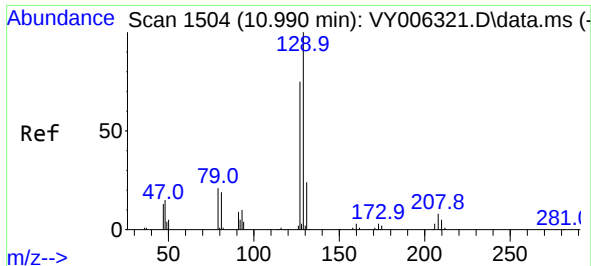
apatel
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#48
2-Hexanone
Concen: 1.65 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion:	43	Resp:	2927
Ion	Ratio	Lower	Upper
43	100		
58	50.5	41.1	61.7
57	20.6	13.8	20.6
100	10.8	8.3	12.5





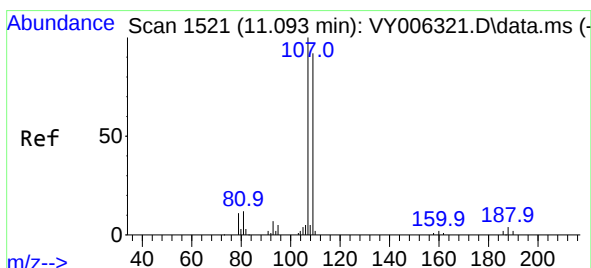
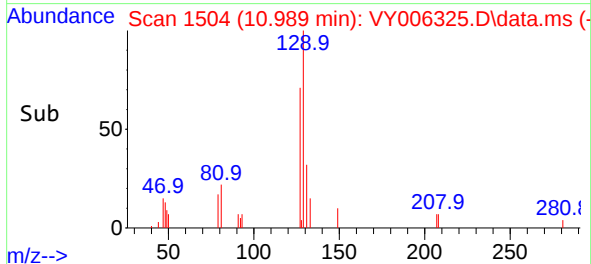
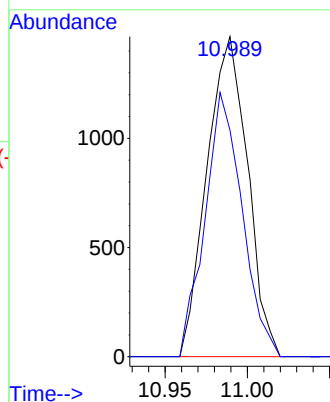
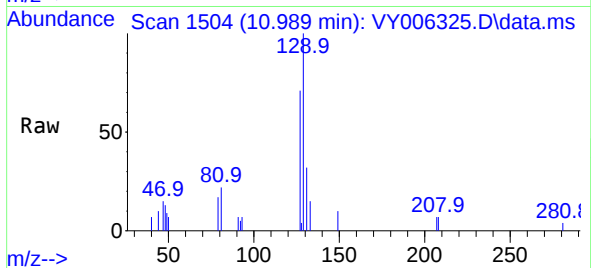
#49
Dibromochloromethane
Concen: 0.96 ug/L
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion:129 Resp: 2516
Ion Ratio Lower Upper
129 100
127 70.8 52.8 98.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL04

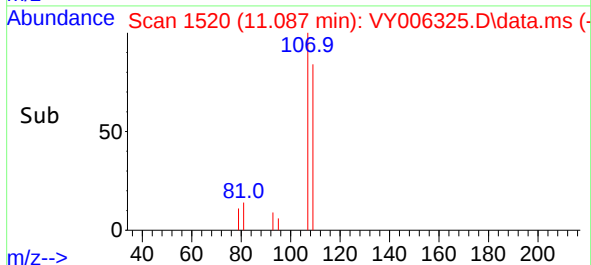
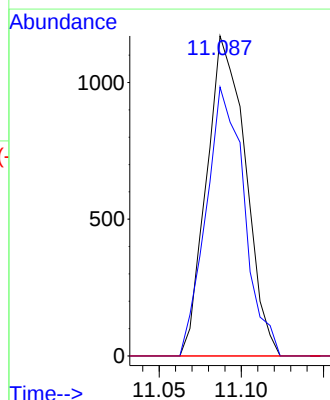
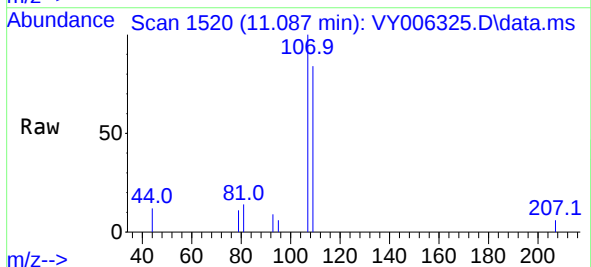
Manual Integrations
APPROVED

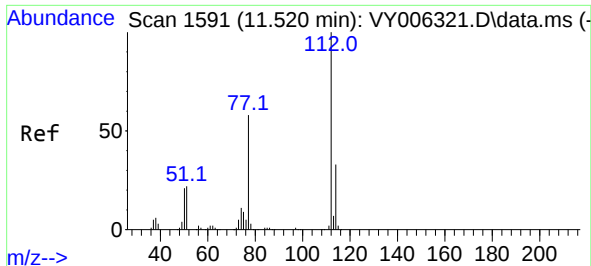
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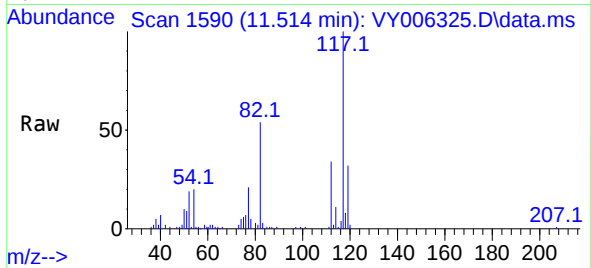
#50
1,2-Dibromoethane
Concen: 0.99 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion:107 Resp: 1920
Ion Ratio Lower Upper
107 100
109 84.0 65.7 121.9
188 0.0 2.8 4.2#

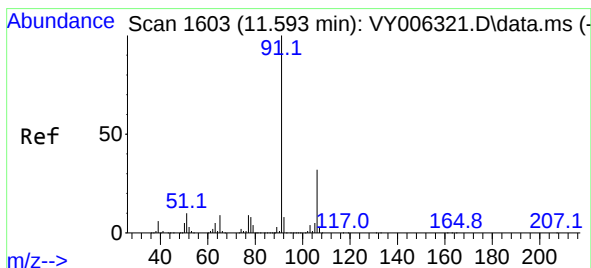
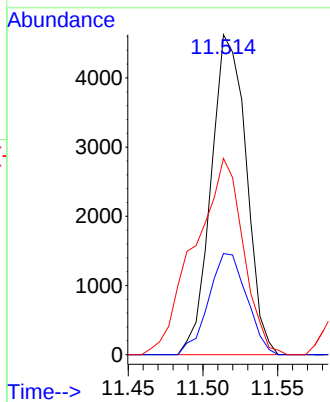
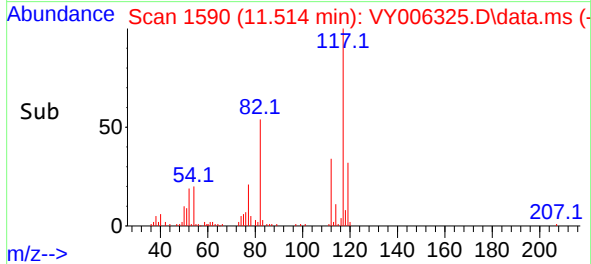




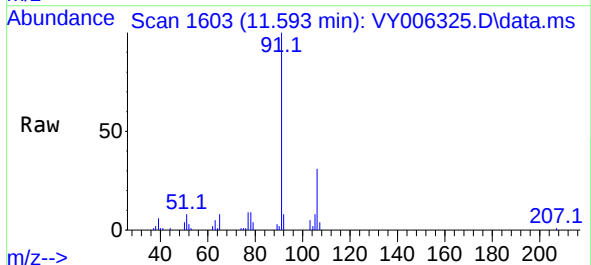
#51
Chlorobenzene
Concen: 0.98 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



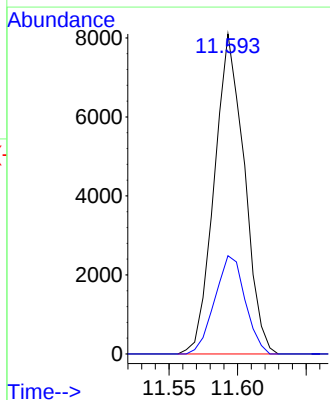
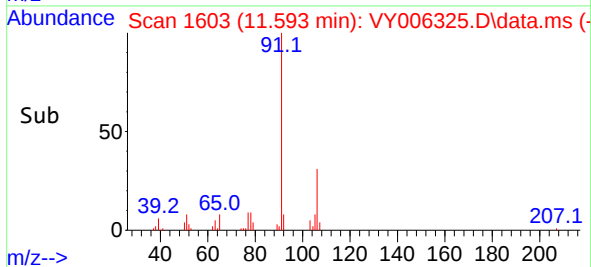
Tgt Ion:	112	Resp:	7555
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	61.4	46.5	69.7



#52
Ethylbenzene
Concen: 0.90 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



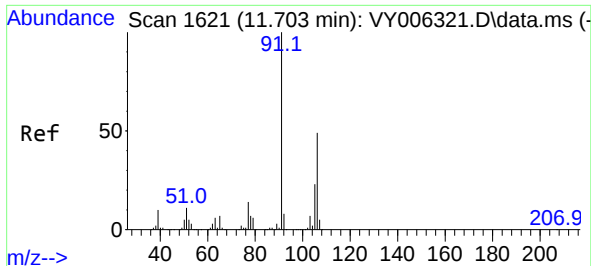
Tgt Ion:	91	Resp:	12318
Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.2	39.4



Instrument :
MSVOA_Y
ClientSampleId :
MDL04

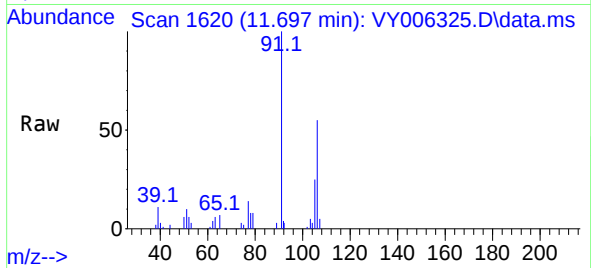
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#53
m,p-Xylene
Concen: 0.92 ug/L
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

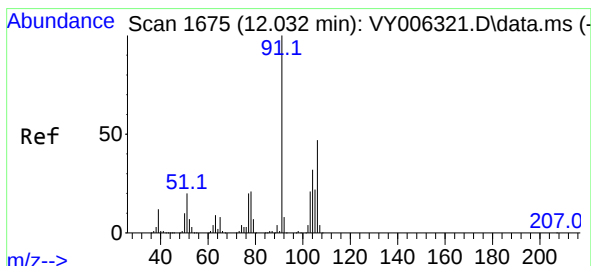
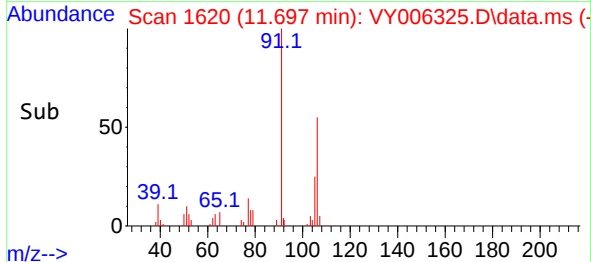
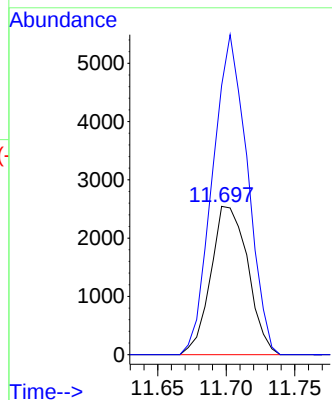
Instrument :
MSVOA_Y
ClientSampled :
MDL04



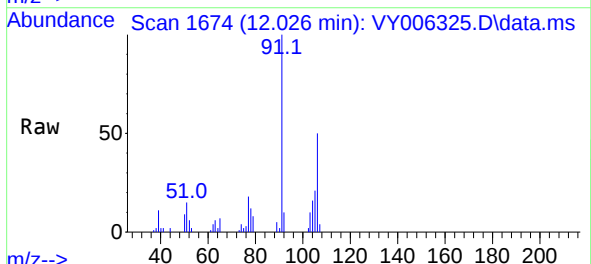
Tgt Ion:106 Resp: 4793
Ion Ratio Lower Upper
106 100
91 181.7 145.7 270.5

Manual Integrations
APPROVED

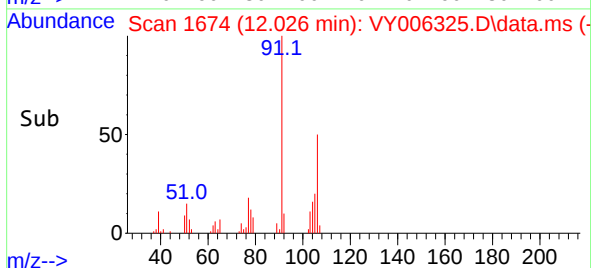
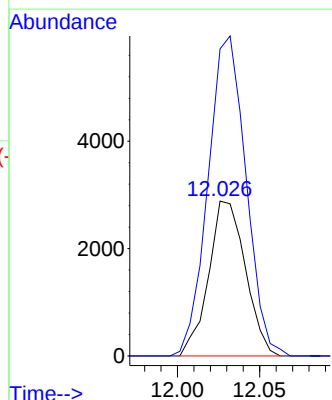
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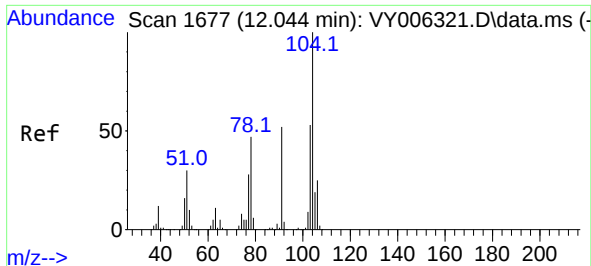


#54
o-Xylene
Concen: 0.90 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



Tgt Ion:106 Resp: 4494
Ion Ratio Lower Upper
106 100
91 198.3 150.6 279.6





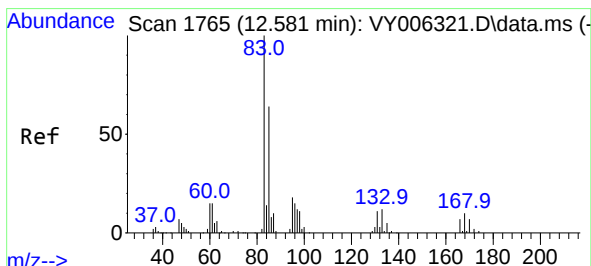
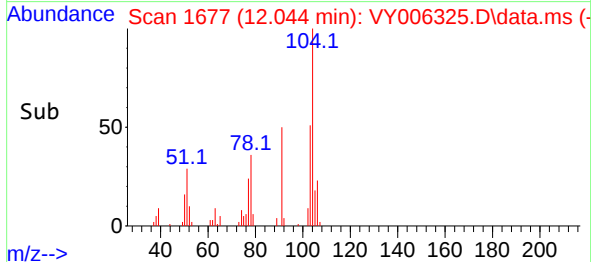
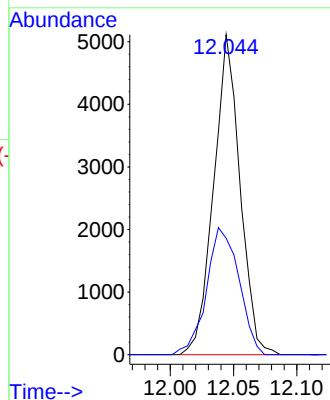
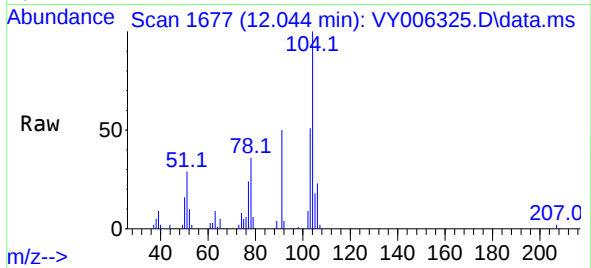
#55
Styrene
Concen: 0.85 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Instrument :
MSVOA_Y
ClientSampled :
MDL04

Tgt Ion:104 Resp: 7408
Ion Ratio Lower Upper
104 100
78 36.4 31.8 59.0

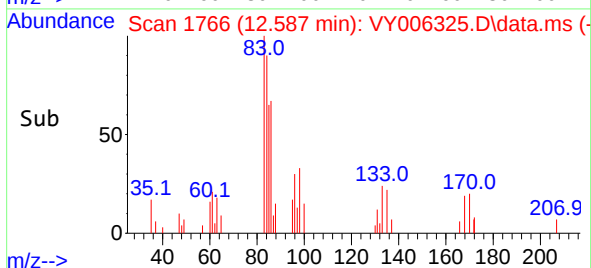
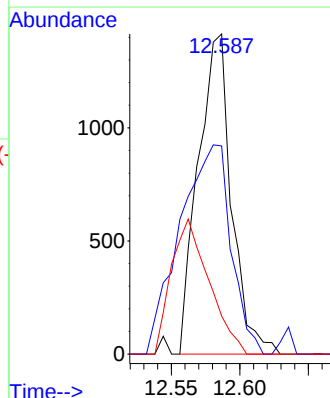
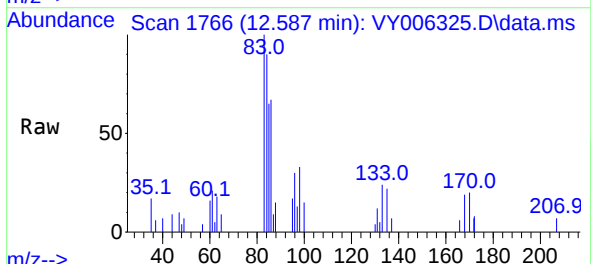
Manual Integrations
APPROVED

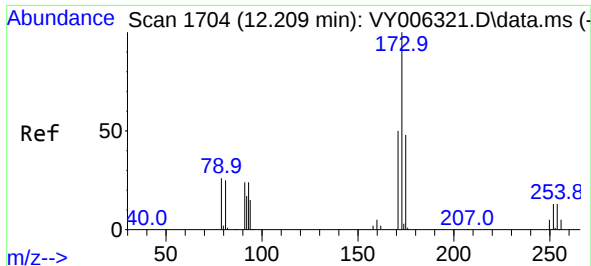
apatel
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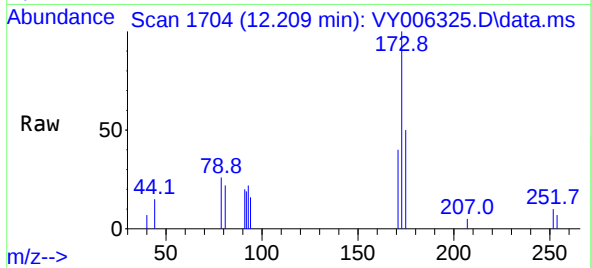
#57
1,1,2,2-Tetrachloroethane
Concen: 1.05 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

Tgt Ion: 83 Resp: 2396
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6
131 11.9 6.9 10.3#

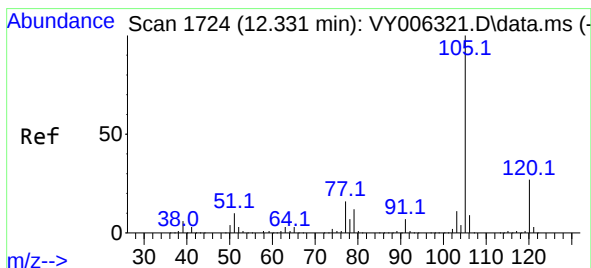
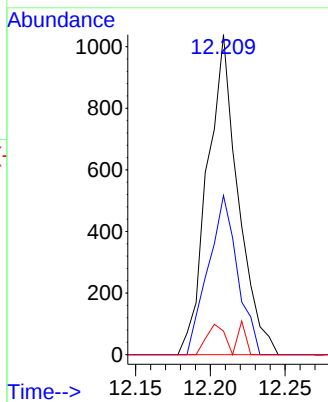
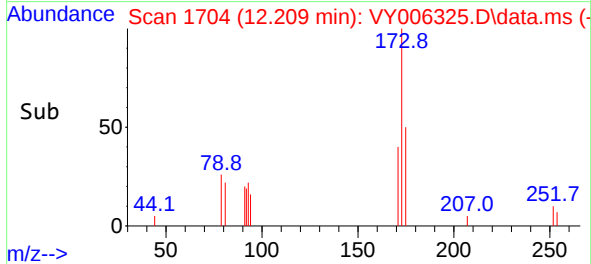




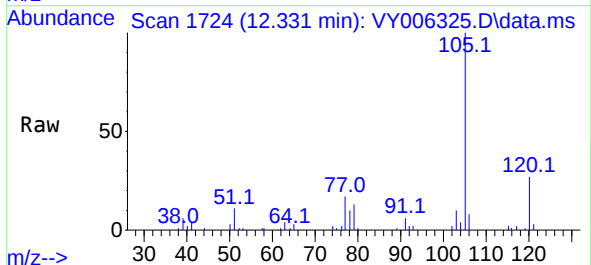
#59
Bromoform
Concen: 0.93 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



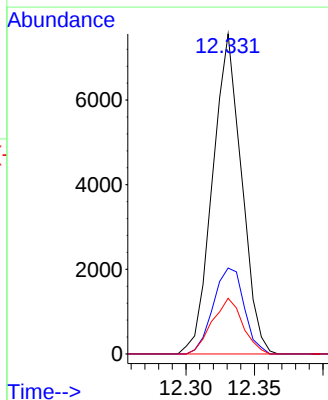
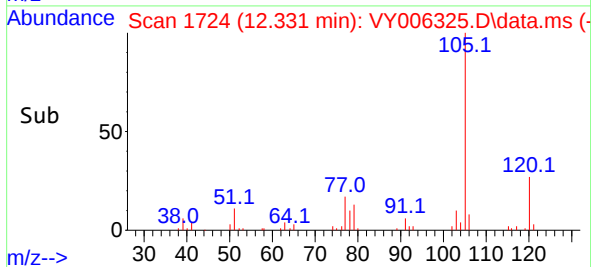
Tgt Ion:173 Resp: 1486
Ion Ratio Lower Upper
173 100
175 47.4 38.8 58.2
254 5.6 7.3 10.9#



#60
Isopropylbenzene
Concen: 0.87 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



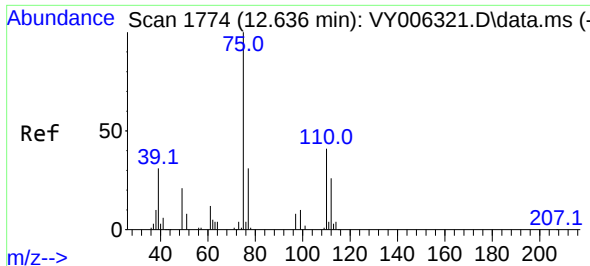
Tgt Ion:105 Resp: 11147
Ion Ratio Lower Upper
105 100
120 28.6 21.0 31.6
77 18.2 12.7 19.1



Instrument :
MSVOA_Y
ClientSampled :
MDL04

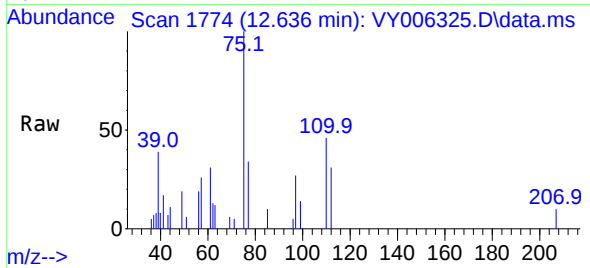
Manual Integrations
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#61
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

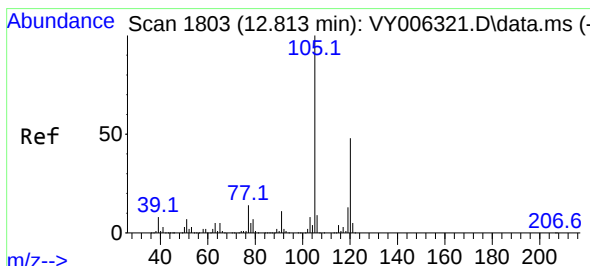
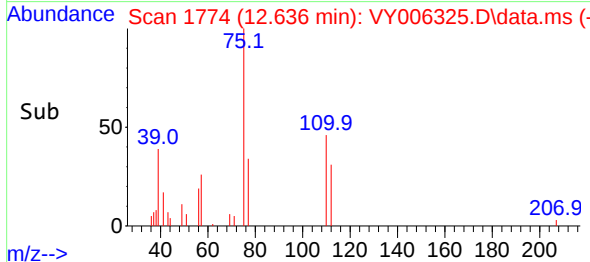
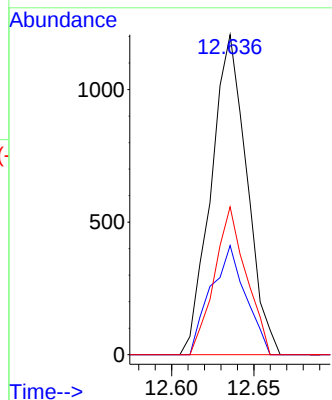
Instrument :
MSVOA_Y
ClientSampled :
MDL04



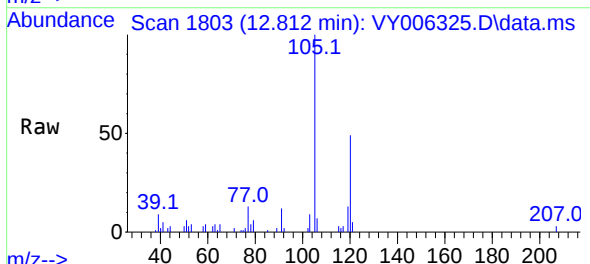
Tgt Ion: 75 Resp: 1825
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
110 41.2 30.8 46.2

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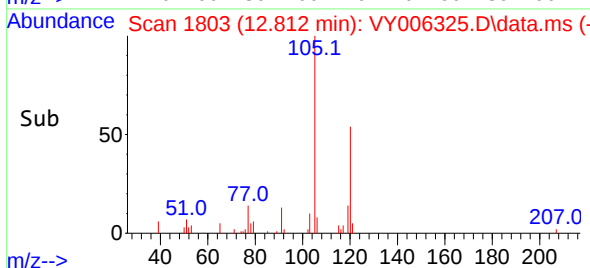
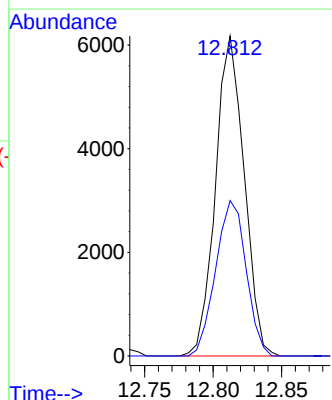
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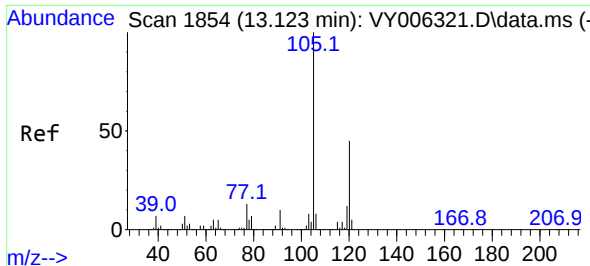


#62
1,3,5-Trimethylbenzene
Concen: 0.86 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



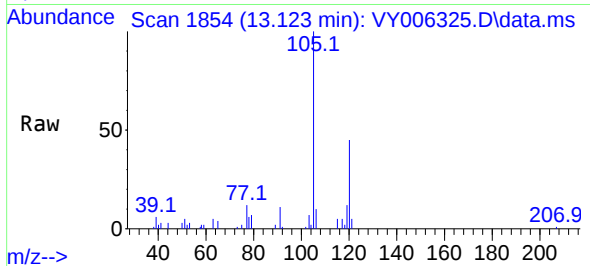
Tgt Ion: 105 Resp: 8993
Ion Ratio Lower Upper
105 100
120 51.5 38.3 57.5





#63
1,2,4-Trimethylbenzene
Concen: 0.91 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

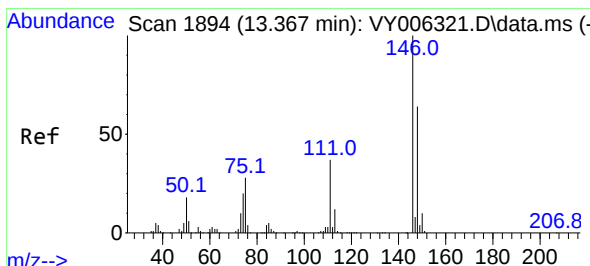
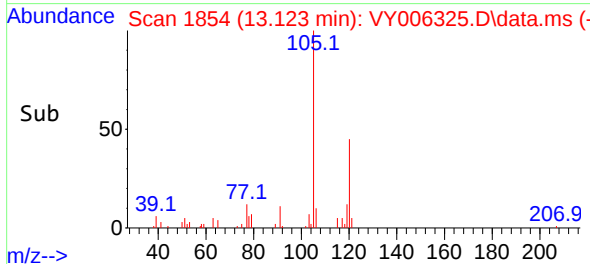
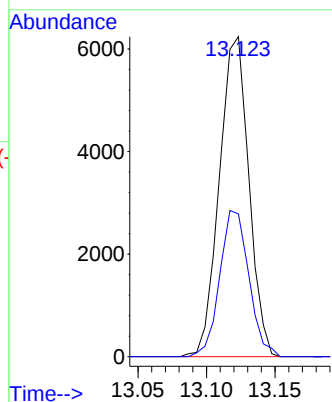
Instrument :
MSVOA_Y
ClientSampled :
MDL04



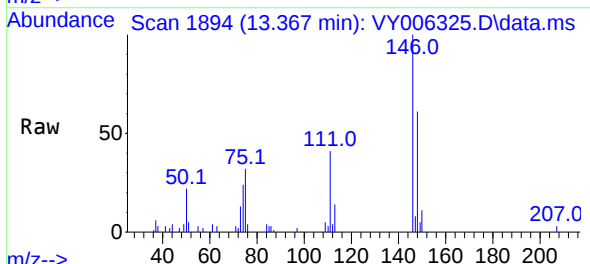
Tgt Ion:105 Resp: 9347
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4

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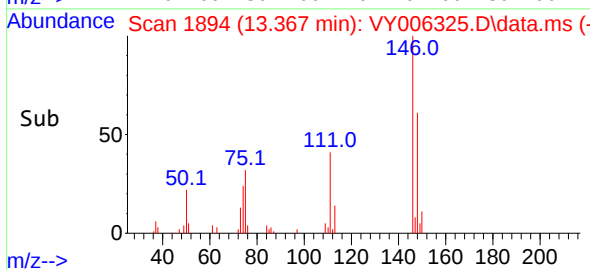
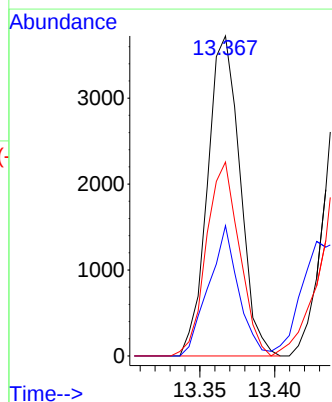
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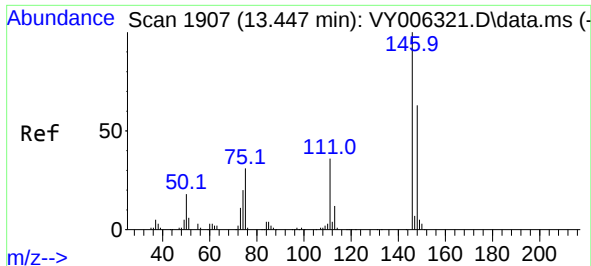


#64
1,3-Dichlorobenzene
Concen: 0.98 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

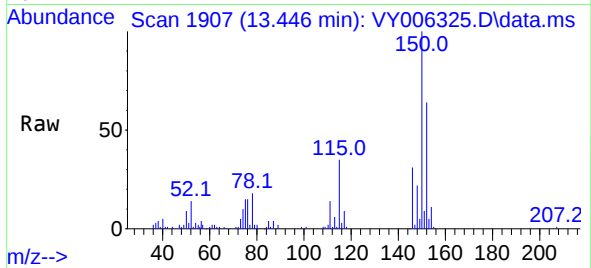


Tgt Ion:146 Resp: 5622
Ion Ratio Lower Upper
146 100
111 40.7 27.4 51.0
148 60.6 45.1 83.7

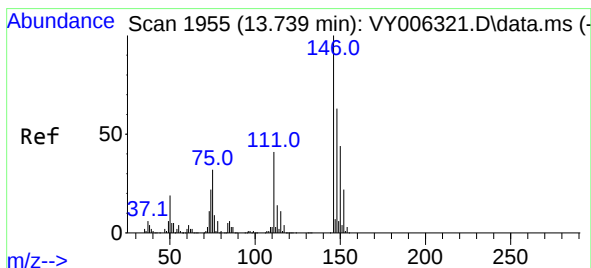
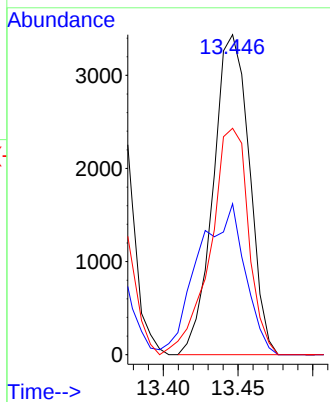
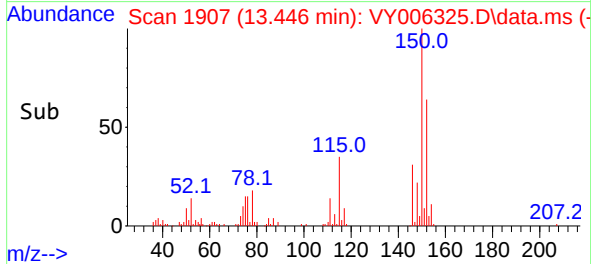




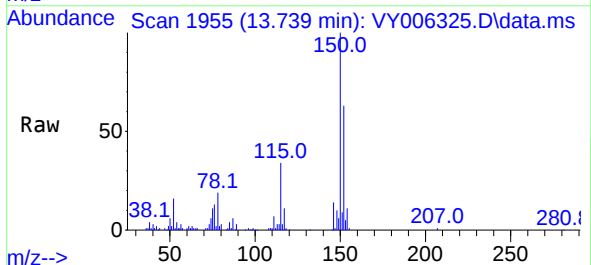
#65
1,4-Dichlorobenzene
Concen: 1.00 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



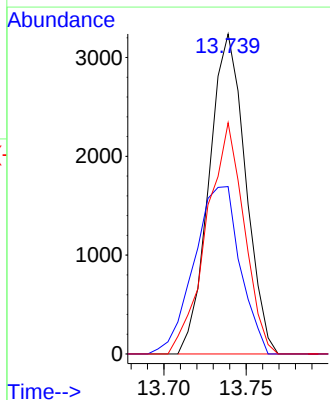
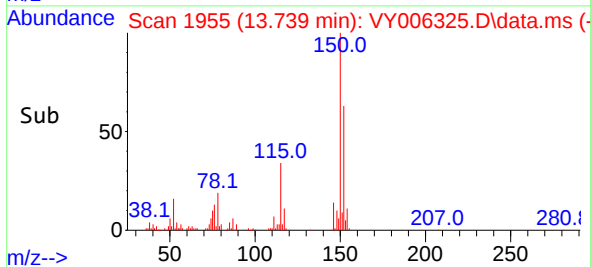
Tgt Ion:146 Resp: 5762
Ion Ratio Lower Upper
146 100
111 47.2 26.4 49.0
148 70.8 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 0.96 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



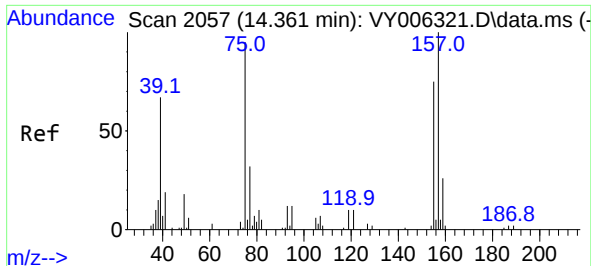
Tgt Ion:146 Resp: 4986
Ion Ratio Lower Upper
146 100
111 52.3 33.9 50.9#
148 72.2 49.7 74.5



Instrument :
MSVOA_Y
ClientSampleId :
MDL04

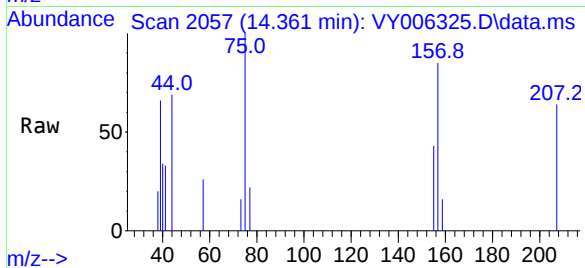
Manual Integrations
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#68
1,2-Dibromo-3-chloropropane
Concen: 1.05 ug/L m
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

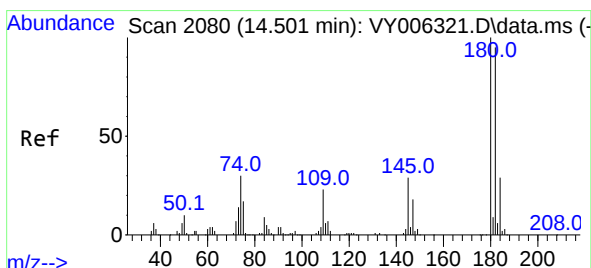
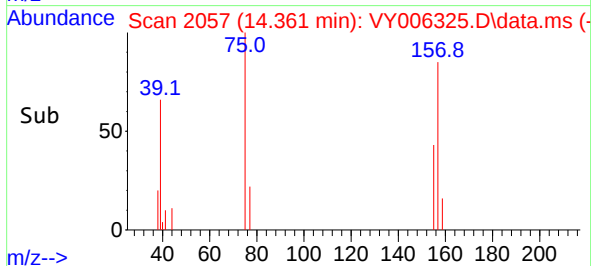
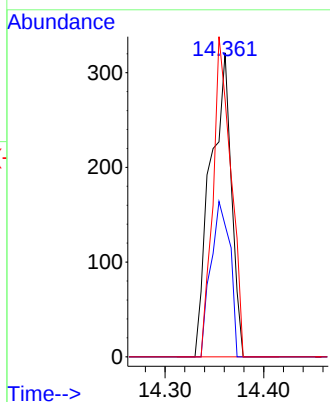
Instrument :
MSVOA_Y
ClientSampled :
MDL04



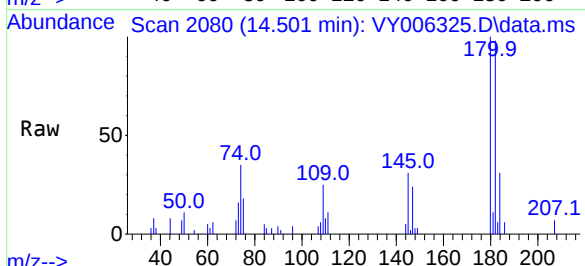
Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
155 43.3 64.5 96.7#
157 84.7 77.4 116.2

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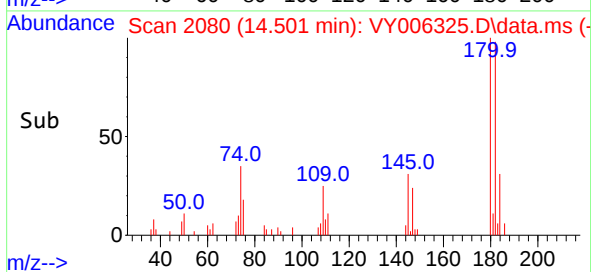
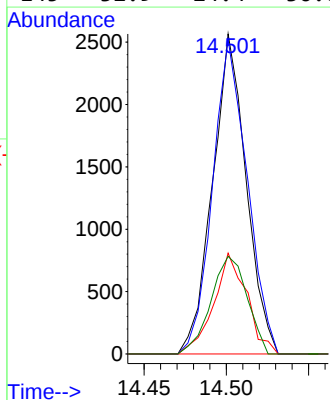
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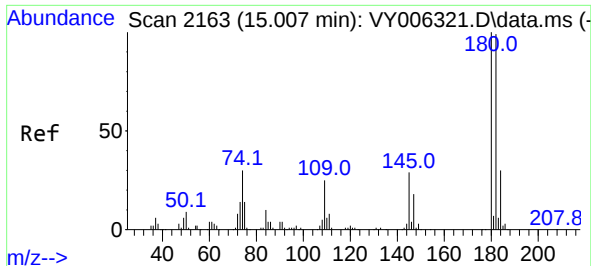


#69
1,3,5-Trichlorobenzene
Concen: 0.90 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



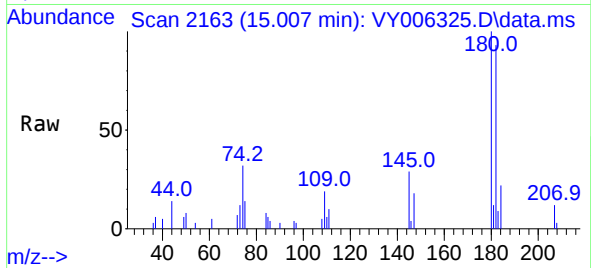
Tgt Ion: 180 Resp: 3644
Ion Ratio Lower Upper
180 100
182 100.7 76.1 114.1
184 31.0 24.6 36.8
145 32.9 24.4 36.6





#70
1,2,4-trichlorobenzene
Concen: 0.97 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31

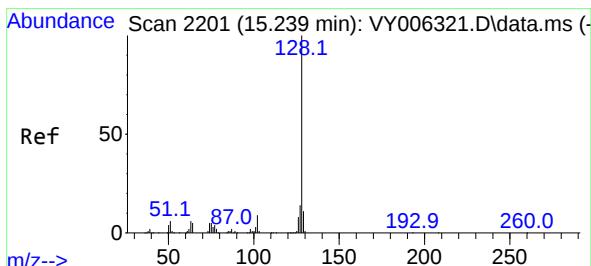
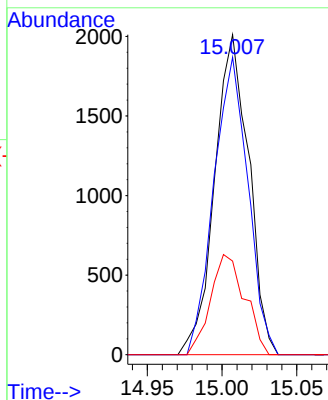
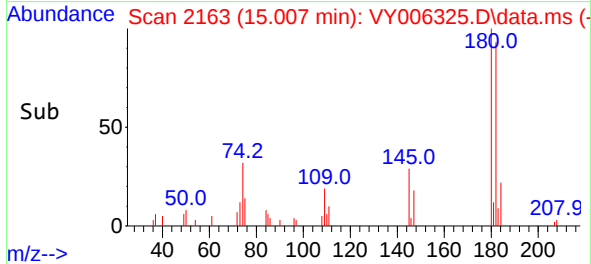
Instrument :
MSVOA_Y
ClientSampled :
MDL04



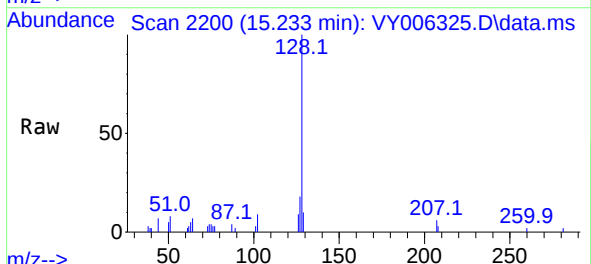
Tgt Ion:180 Resp: 3188
Ion Ratio Lower Upper
180 100
182 92.9 76.4 114.6
145 31.6 25.0 37.6

Manual Integrations
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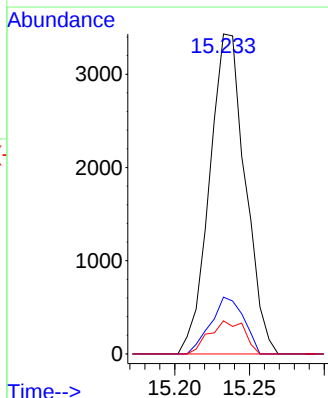
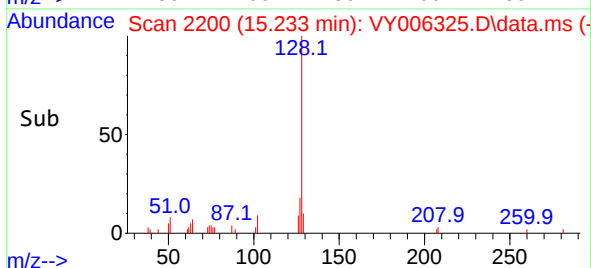
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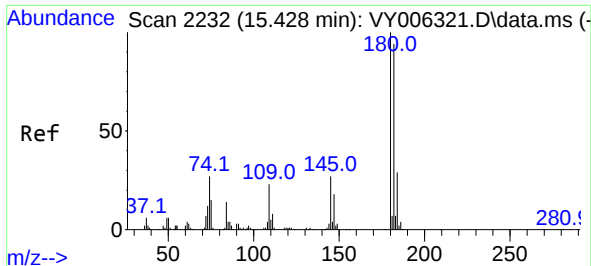


#71
Naphthalene
Concen: 0.89 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006325.D
Acq: 07 Oct 2021 12:31



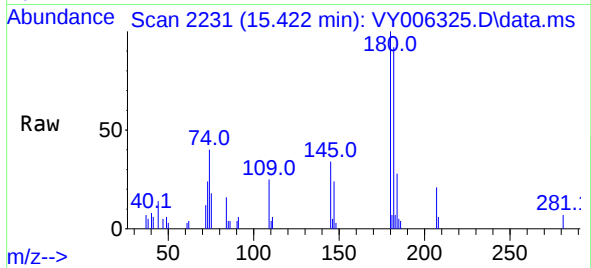
Tgt Ion:128 Resp: 5698
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 10.1 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.96 ug/L
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY006325.D
 Acq: 07 Oct 2021 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL04



Tgt Ion:	180	Resp:	2725
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.2	114.2
145	31.7	25.8	38.8

Manual Integrations
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