

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111920\
 Data File : VY003554.D
 Acq On : 19 Nov 2020 17:37
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 10:23:06 AM

Quant Time: Nov 20 03:10:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 01:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	226264	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	207199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	95693	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.26	65	53504	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
7) Chloroethane-d5	2.77	69	49324	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
10) 1,1-Dichloroethene-d2	3.86	63	99722	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	6.91	46	63491	50.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.98%
24) Chloroform-d	7.49	84	138688	24.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	8.14	65	79864	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	8.11	84	289165	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.13	67	86853	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.18	98	256704	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.44	79	42653	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.79	63	45641	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	72506	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.72	152	76641	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.92	85	1192m	0.994	ug/L	
3) Chloromethane	2.12	50	3426	1.357	ug/L	89
5) Vinyl chloride	2.26	62	4380	1.453	ug/L #	45
6) Bromomethane	2.67	94	3036	1.297	ug/L	91
8) Chloroethane	2.81	64	2652	1.295	ug/L #	82
9) Trichlorofluoromethane	3.13	101	3278	1.134	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	4922m	1.643	ug/L	
12) 1,1-Dichloroethene	3.87	96	5107	1.630	ug/L #	1
13) Acetone	3.98	43	3496m	3.872	ug/L	
14) Carbon disulfide	4.20	76	13102	1.262	ug/L	98
15) Methyl Acetate	4.49	43	2729	1.191	ug/L #	79
16) Methylene chloride	4.73	84	12673	3.267	ug/L	87
17) Methyl tert-butyl Ether	5.24	73	6963m	1.422	ug/L	
18) trans-1,2-Dichloroethene	5.23	96	4647	1.407	ug/L #	89
19) 1,1-Dichloroethane	6.04	63	7349m	1.318	ug/L	
21) 2-Butanone	7.00	43	5736	3.773	ug/L	88
22) cis-1,2-Dichloroethene	6.99	96	4737	1.396	ug/L	88

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.35	128	2265	1.379	ug/L	95
25) Chloroform	7.51	83	8257	1.489	ug/L	76
27) 1,2-Dichloroethane	8.24	62	5366	1.432	ug/L #	89
30) Cyclohexane	7.78	56	5786	1.148	ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	5560	1.233	ug/L	98
32) Carbon tetrachloride	7.90	117	5409	1.263	ug/L	96
34) Benzene	8.17	78	17124	1.310	ug/L	100
35) Trichloroethene	8.94	95	4407	1.332	ug/L	95
36) Methylcyclohexane	9.19	83	6214	1.201	ug/L	97
40) 1,2-Dichloropropane	9.22	63	4378	1.359	ug/L	99
41) Bromodichloromethane	9.50	83	5396	1.312	ug/L #	88
42) cis-1,3-Dichloropropene	9.93	75	6444	1.268	ug/L	90
43) 4-Methyl-2-pentanone	10.07	43	6501	2.411	ug/L	99
44) Toluene	10.24	91	17952	1.303	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	7980	1.705	ug/L	96
46) 1,1,2-Trichloroethane	10.64	97	3733	1.450	ug/L	93
47) Tetrachloroethene	10.72	164	3930	1.366	ug/L #	72
49) 2-Hexanone	10.83	43	5496	2.581	ug/L #	97
50) Dibromochloromethane	10.98	129	3789	1.220	ug/L	88
51) 1,2-Dibromoethane	11.08	107	3355	1.307	ug/L #	95
52) Chlorobenzene	11.52	112	11507	1.308	ug/L	94
53) Ethylbenzene	11.59	91	16875	1.193	ug/L	94
54) m,p-Xylene	11.70	106	6764	1.242	ug/L	83
55) o-xylene	12.03	106	5114	1.125	ug/L	93
56) Styrene	12.05	104	10277	1.154	ug/L	91
57) Isopropylbenzene	12.33	105	10996	1.069	ug/L #	95
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	4012	1.321	ug/L #	94
59) 1,2,3-Trichloropropane	12.63	75	2961	1.252	ug/L	98
62) Bromoform	12.20	173	2557	1.316	ug/L	96
63) 1,3-Dichlorobenzene	13.36	146	7698	1.275	ug/L	99
64) 1,4-Dichlorobenzene	13.44	146	8410	1.353	ug/L	95
65) 1,2-Dichlorobenzene	13.73	146	6803	1.368	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.34	75	629m	1.486	ug/L	
67) 1,3,5-Trichlorobenzene	14.50	180	4021	1.255	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	3304	1.197	ug/L	93
69) Naphthalene	15.23	128	5553	1.141	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	2548	1.221	ug/L	93

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

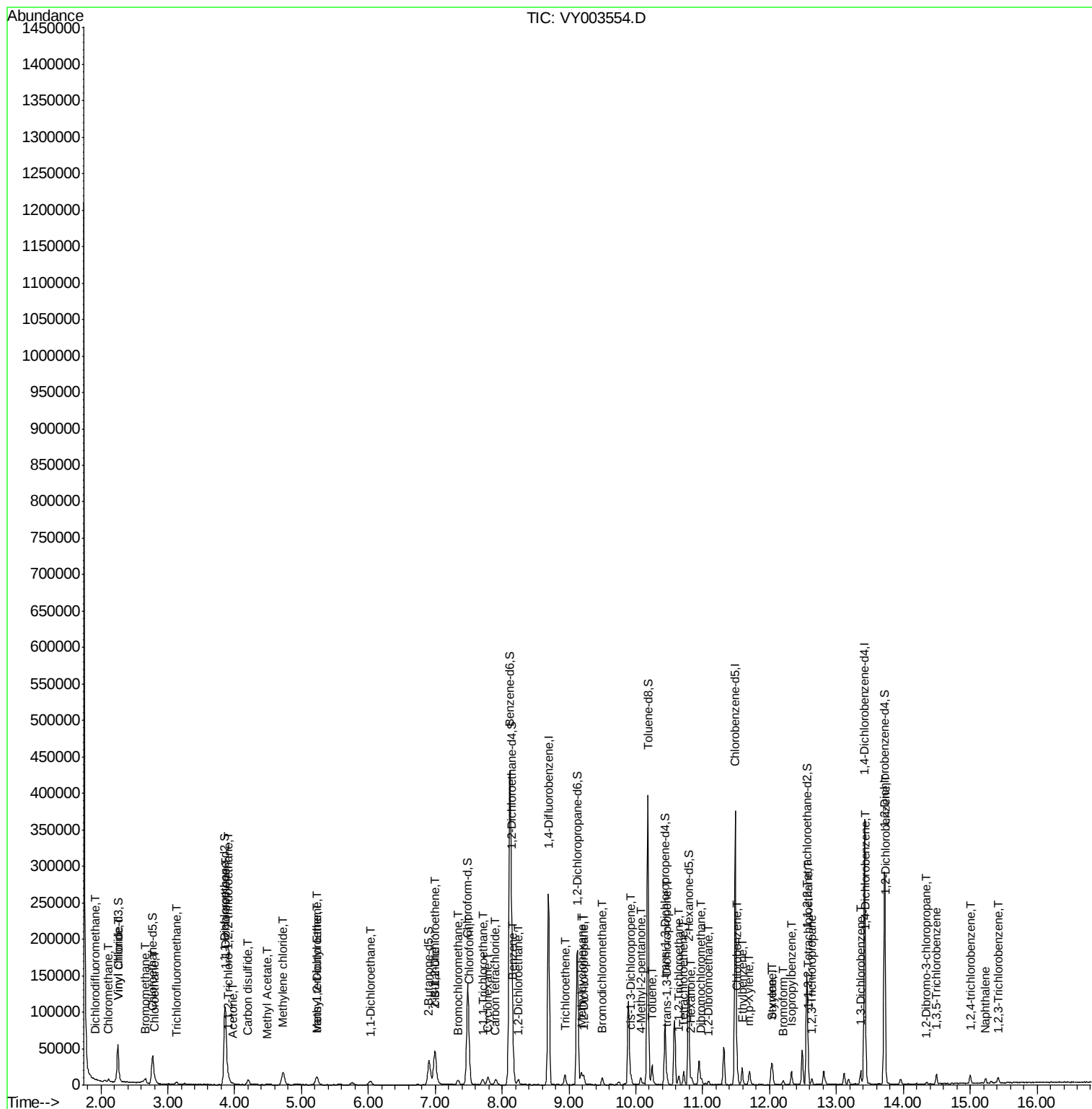
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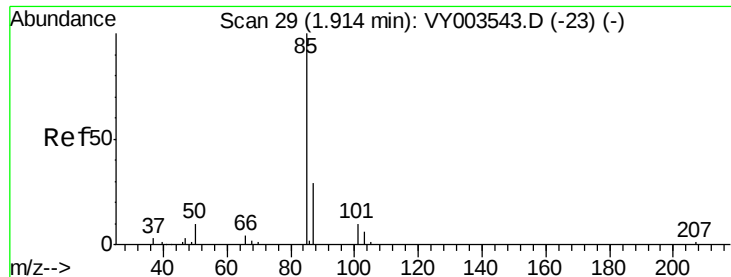
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#2

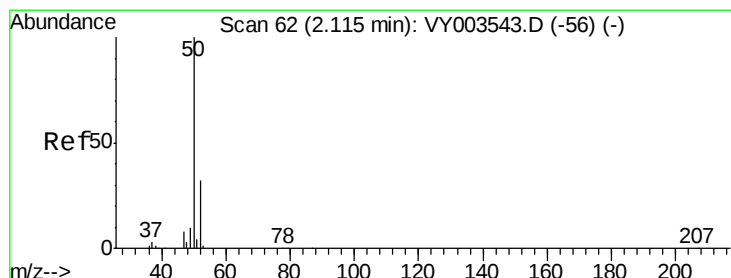
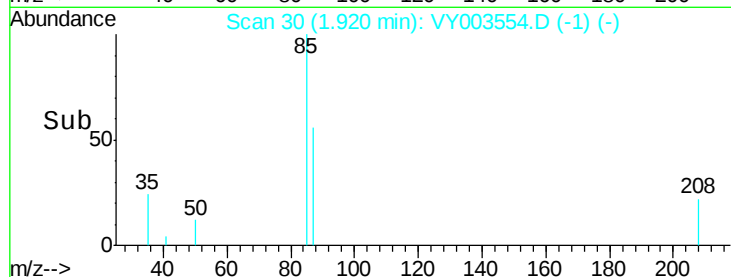
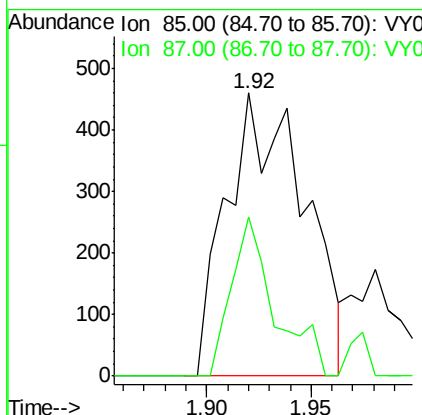
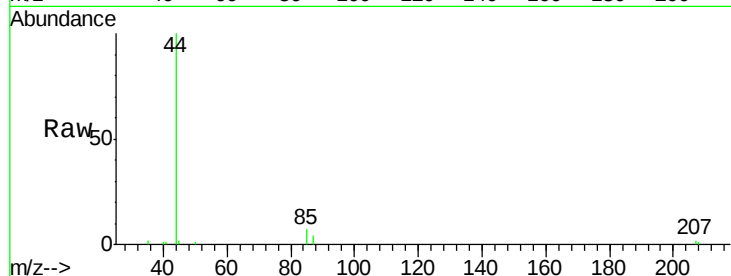
Dichlorodifluoromethane
Concen: 0.994 ug/L
RT: 1.92 min Scan# 30
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	85	87	Ratio	Lower	Upper
1192	100	3.8		21.3	39.5#

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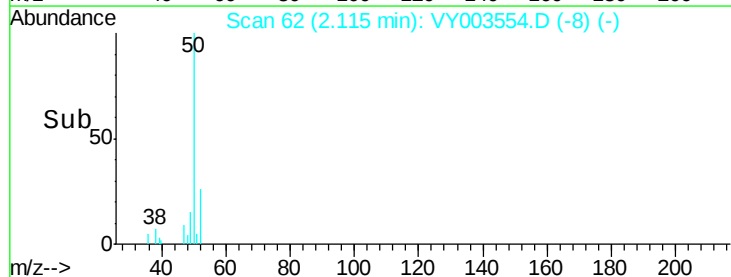
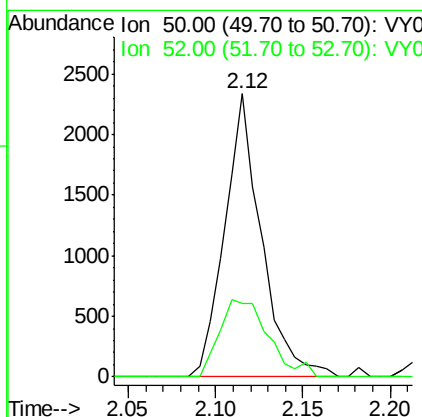
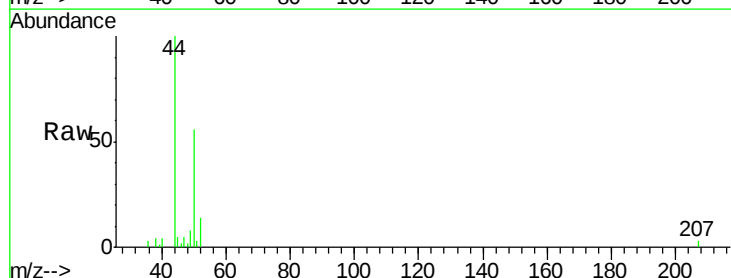
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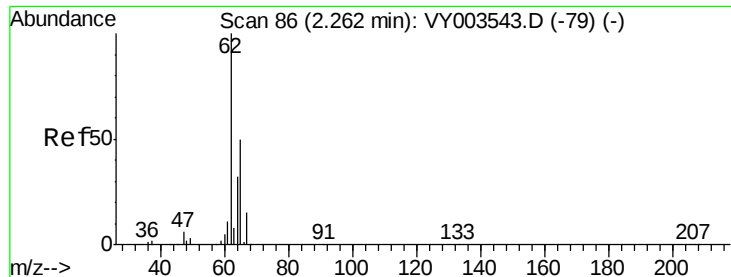


#3

Chloromethane
Concen: 1.357 ug/L
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	50	52	Ratio	Lower	Upper
3426	100	25.8		22.4	41.6





#5

Vinyl chloride

Concen: 1.453 ug/L

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion: 62 Resp: 4380

Ion Ratio Lower Upper

62 100

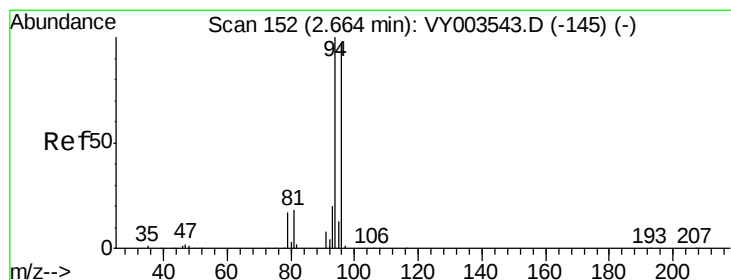
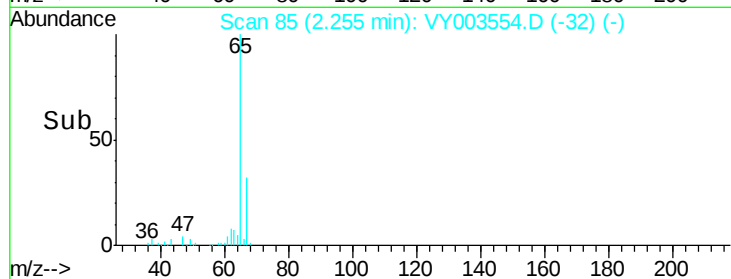
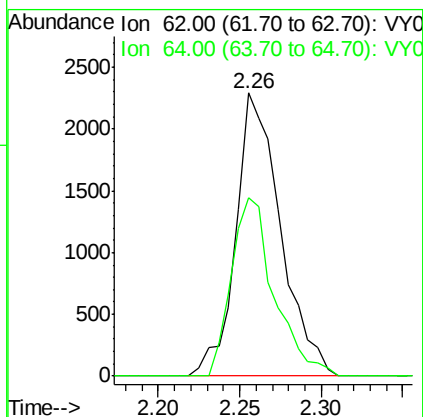
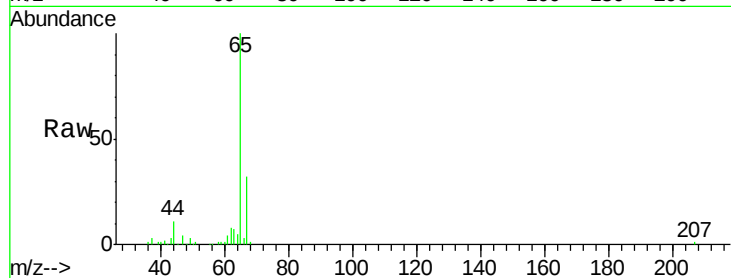
64 63.2 22.7 42.1#

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#6

Bromomethane

Concen: 1.297 ug/L

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY003554.D

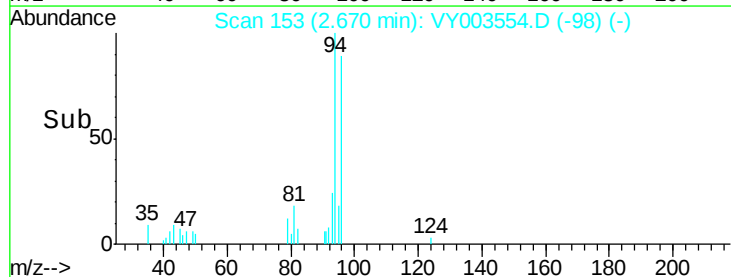
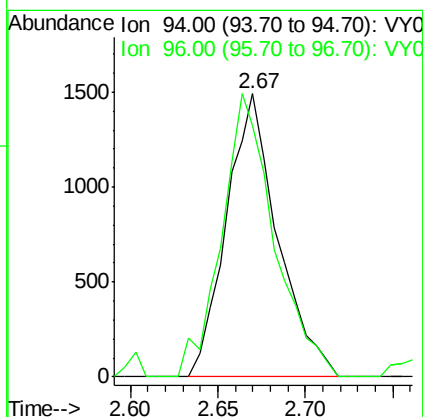
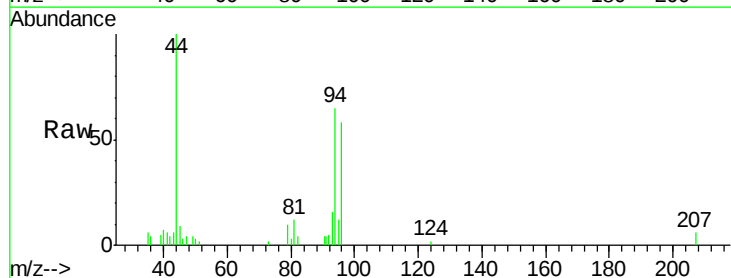
Acq: 19 Nov 2020 17:37

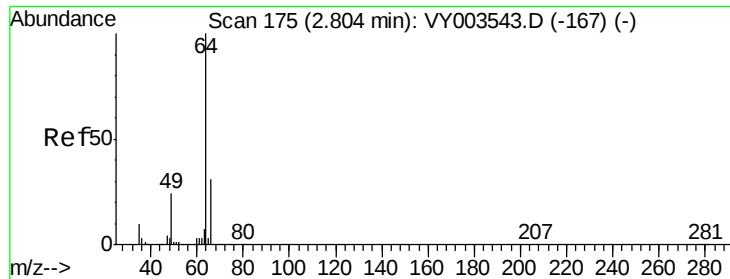
Tgt Ion: 94 Resp: 3036

Ion Ratio Lower Upper

94 100

96 102.6 9.4 178.6





#8

Chloroethane

Concen: 1.295 ug/L

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion: 64 Resp: 2652

Ion Ratio Lower Upper

64 100

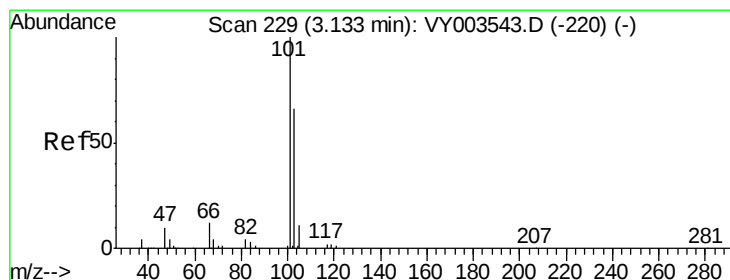
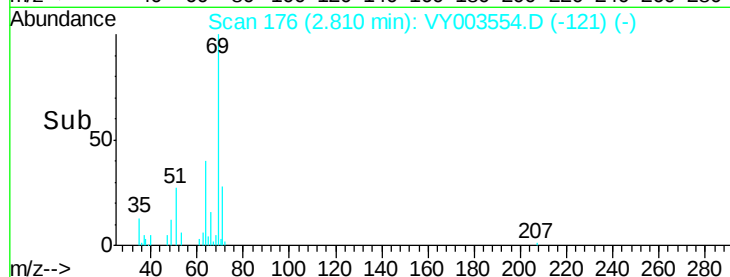
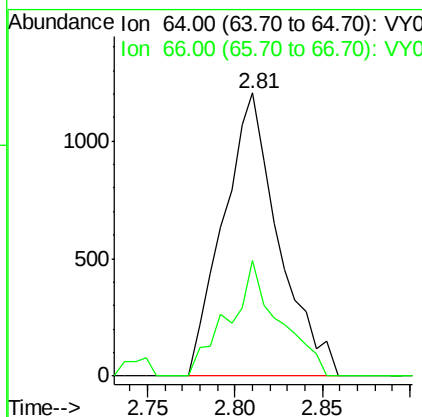
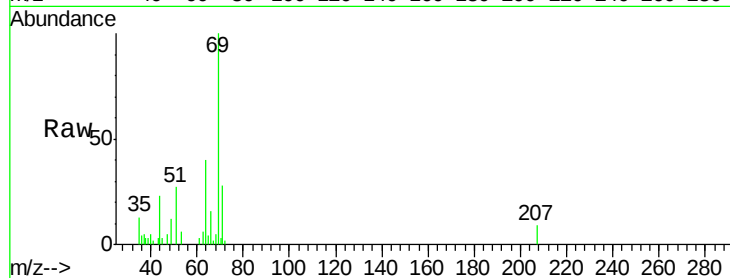
66 40.9 21.8 40.6#

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 1.134 ug/L

RT: 3.13 min Scan# 228

Delta R.T. -0.01 min

Lab File: VY003554.D

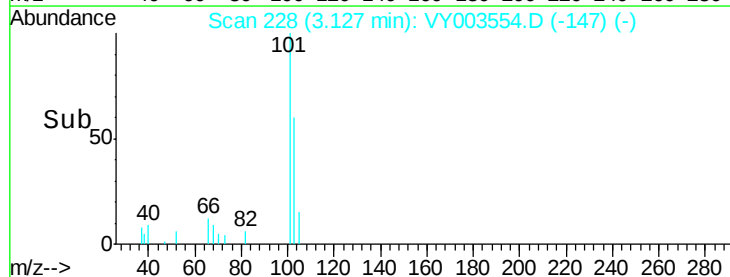
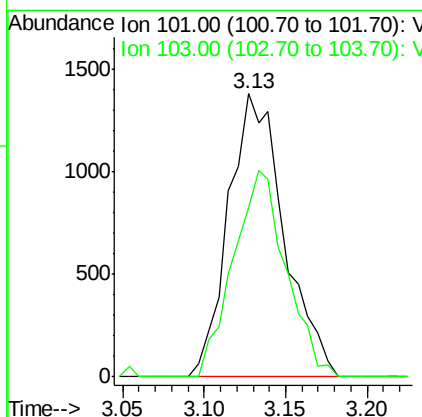
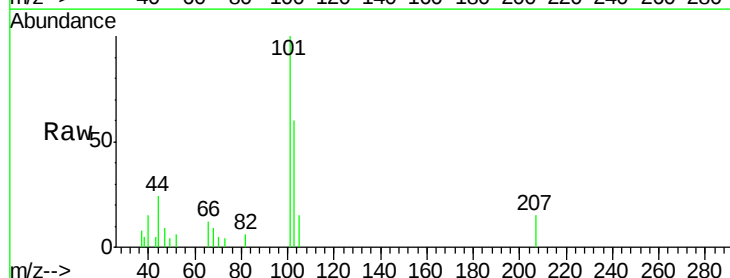
Acq: 19 Nov 2020 17:37

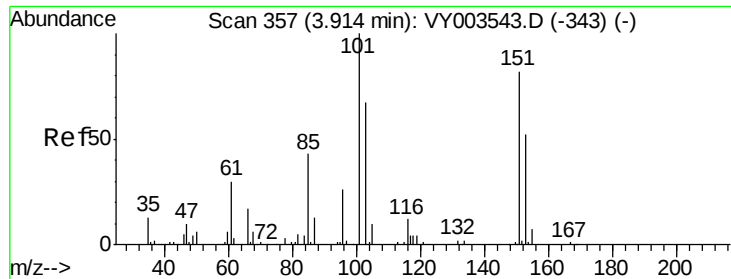
Tgt Ion: 101 Resp: 3278

Ion Ratio Lower Upper

101 100

103 69.2 45.6 84.6





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.643 ug/L m

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

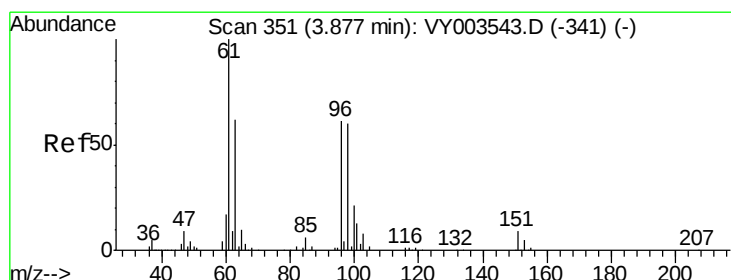
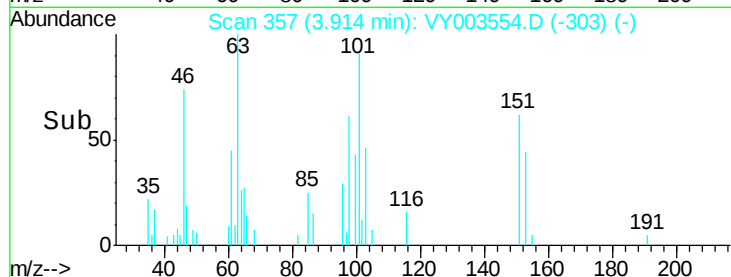
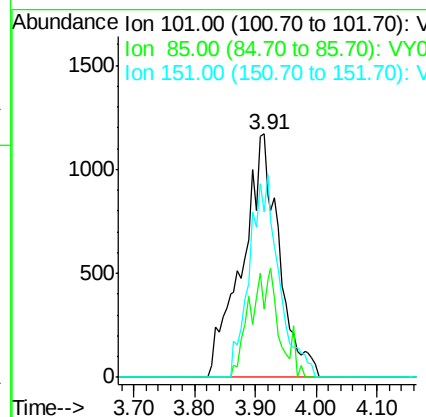
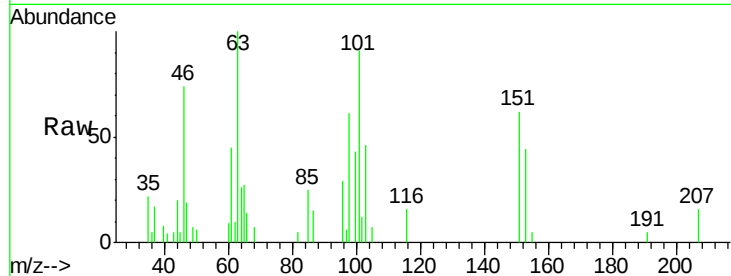
ClientSampleId :

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Tot Ion:	101	Resp:	4922
Ion Ratio	Lower	Upper	
101	100		
85	14.3	35.0	52.4#
151	66.5	65.4	98.0

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#12

1,1-Dichloroethene

Concen: 1.630 ug/L

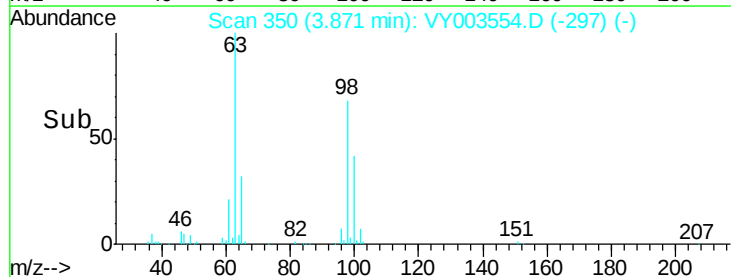
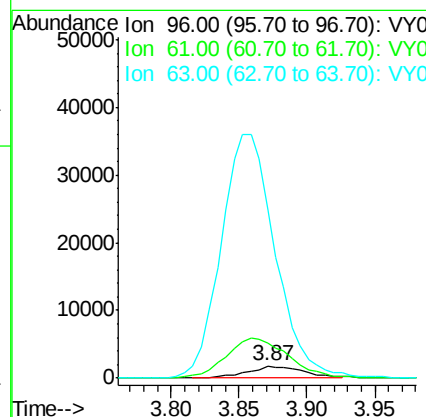
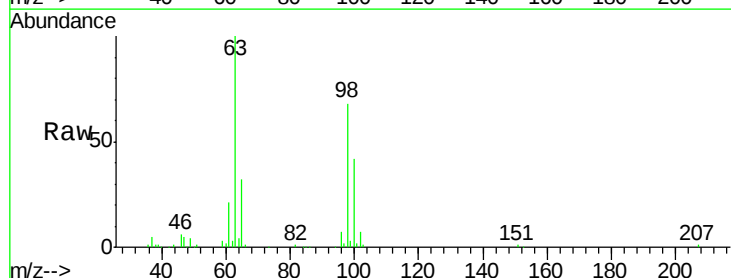
RT: 3.87 min Scan# 350

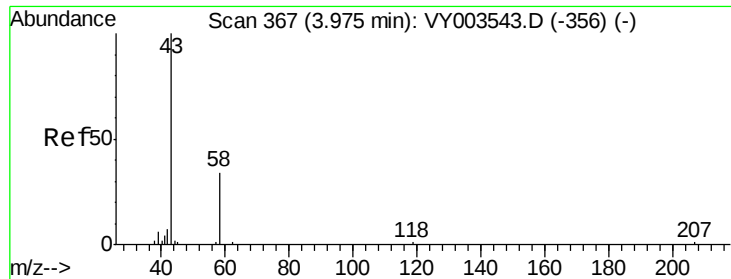
Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Tgt Ion:	96	Resp:	5107
Ion Ratio	Lower	Upper	
96	100		
61	288.3	116.6	216.6#
63	1393.7	77.5	143.9#





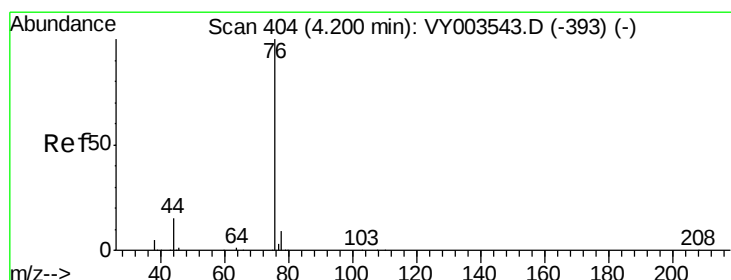
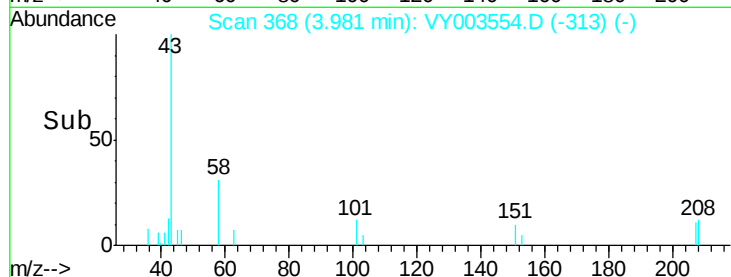
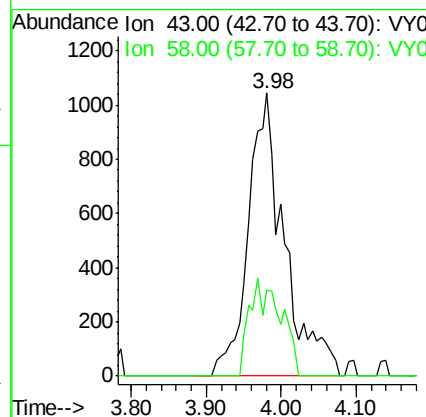
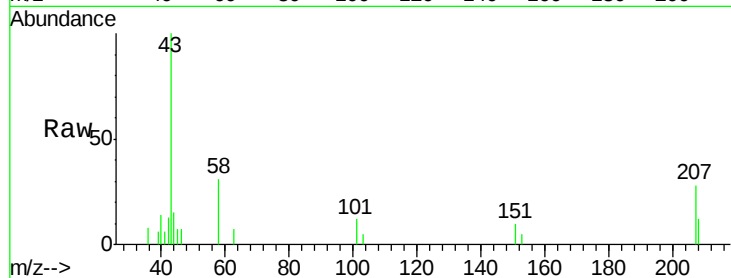
#13
Acetone
Concen: 3.872 ug/L m
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
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Tot Ion: 43 Resp: 3496
Ion Ratio Lower Upper
43 100
58 4.9 0.0 66.2

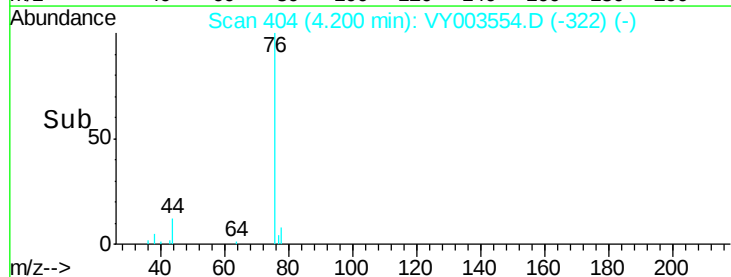
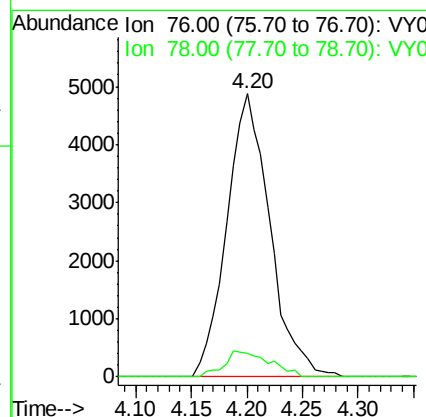
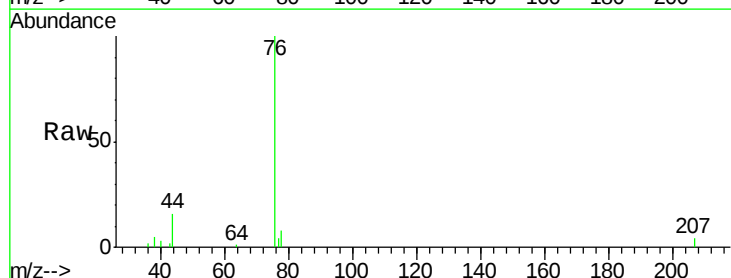
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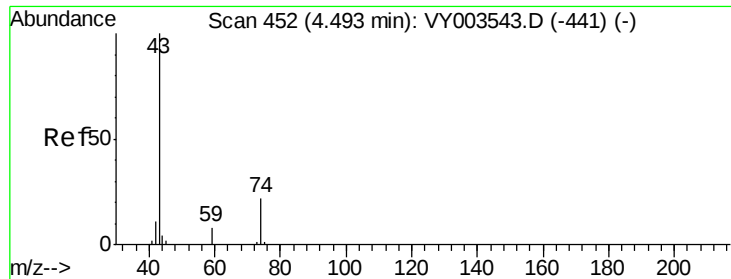
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#14
Carbon disulfide
Concen: 1.262 ug/L
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 76 Resp: 13102
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





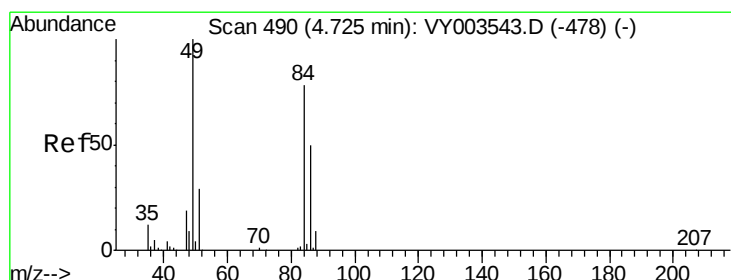
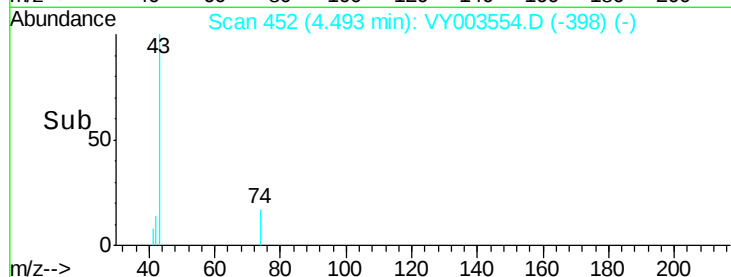
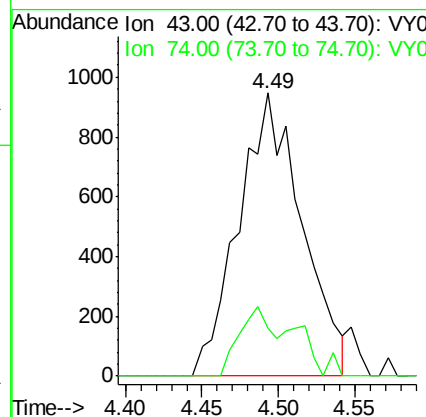
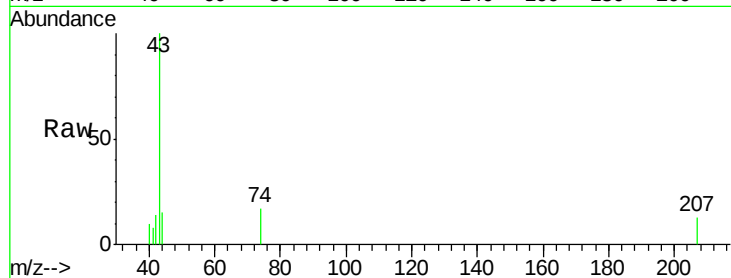
#15
Methyl Acetate
Concen: 1.191 ug/L
RT: 4.49 min Scan# 452
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
74 12.6 18.2 27.2#

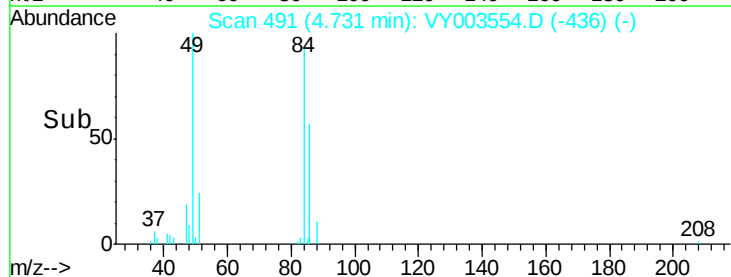
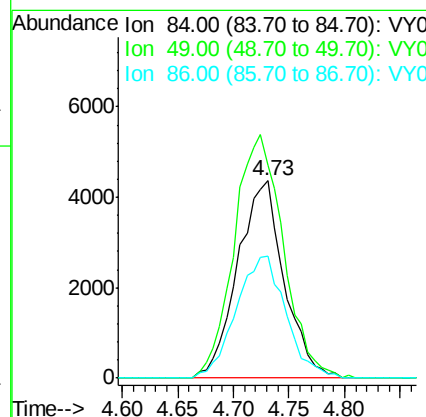
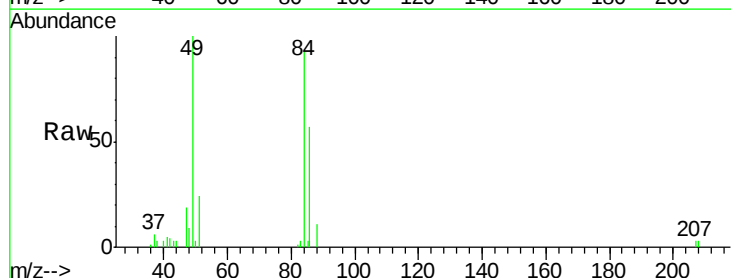
Manual Integrations
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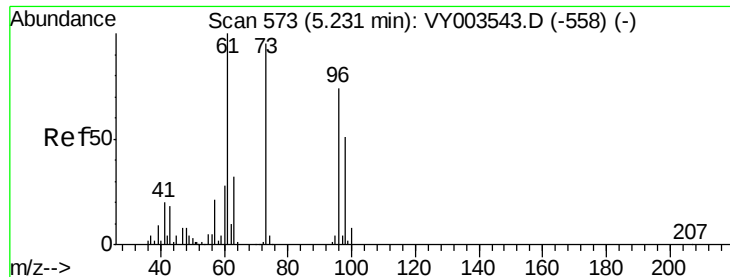
MMDadoda
11/20/2020 10:23:06 AM



#16
Methylene chloride
Concen: 3.267 ug/L
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion: 84 Resp: 12673
Ion Ratio Lower Upper
84 100
49 107.7 90.3 167.7
86 61.7 44.7 83.1





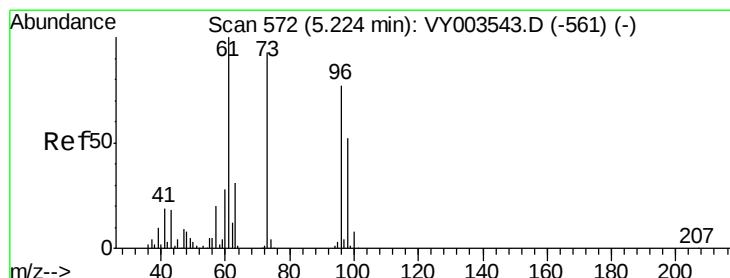
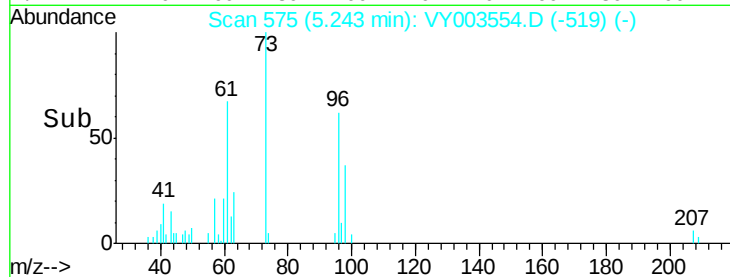
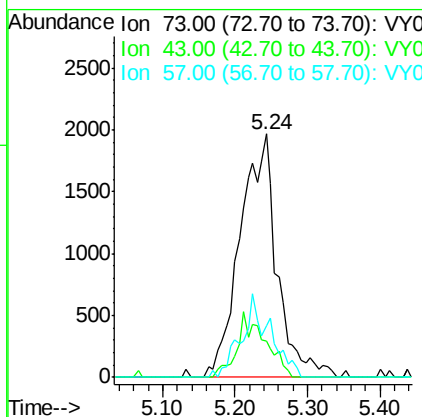
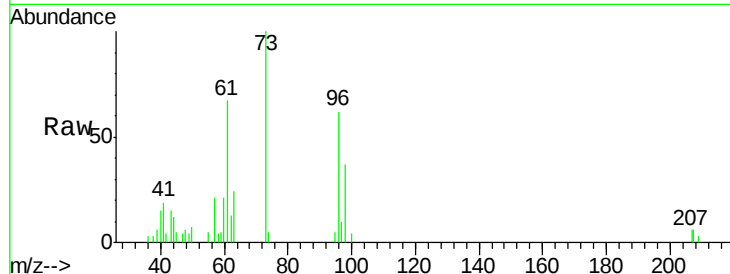
#17
Methvl tert-butvl Ether
Concen: 1.422 ug/L m
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampled :
MDL07

Tot Ion	Ratio	Lower	Upper
73	100		
43	5.4	15.9	23.9#
57	11.3	10.5	15.7

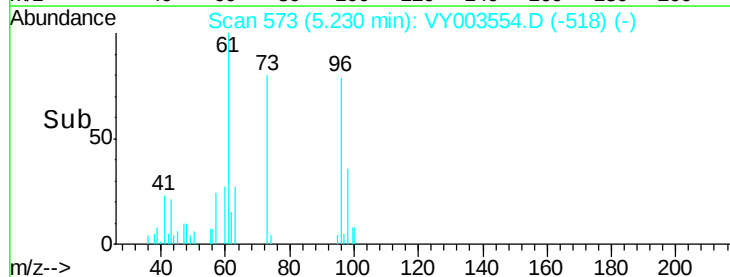
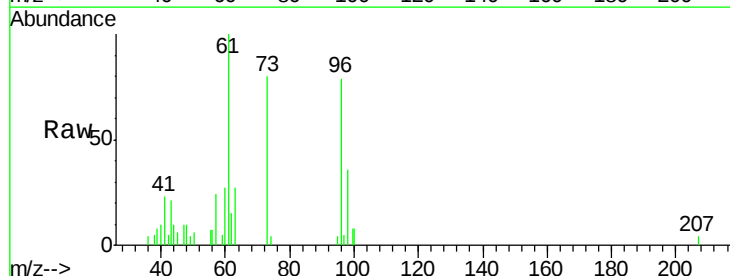
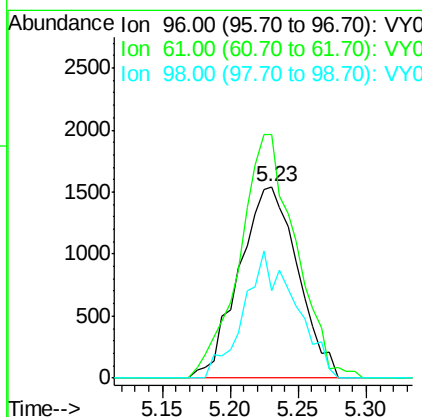
Manual Integrations
APPROVED

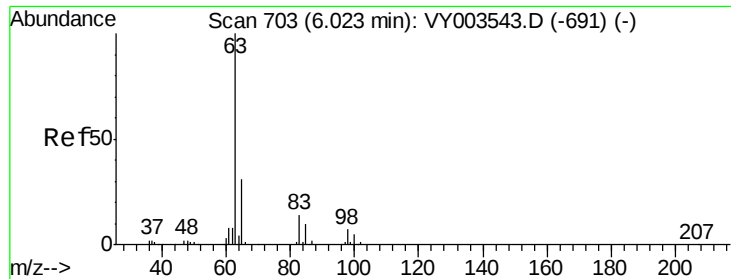
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 1.407 ug/L
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.2	90.8	168.6
98	45.5	46.8	87.0#





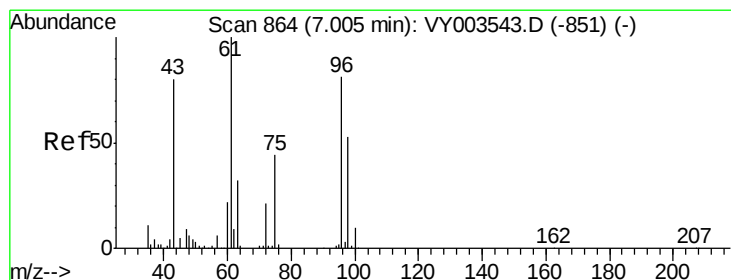
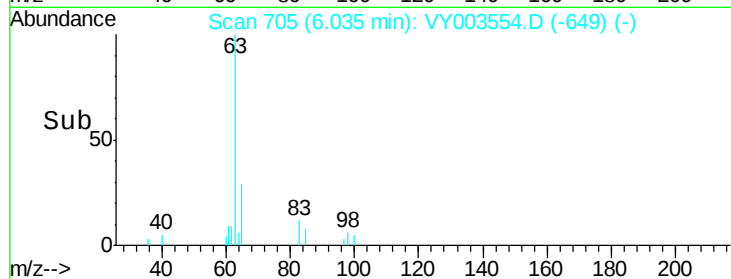
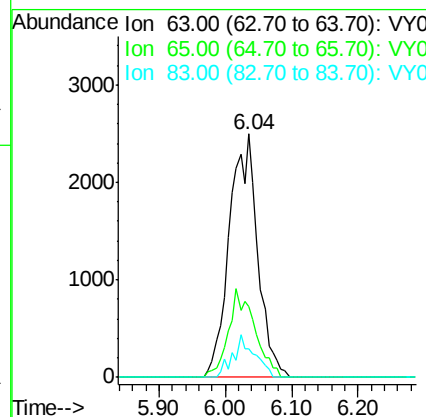
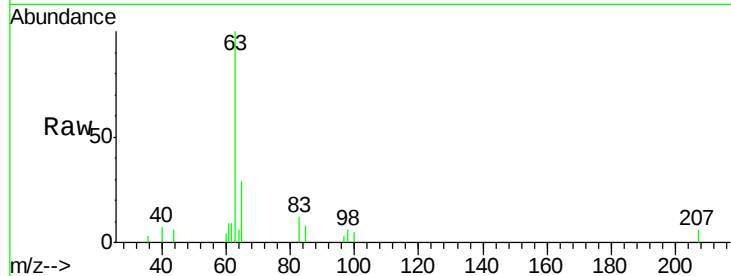
#19
 1,1-Dichloroethane
 Concen: 1.318 ug/L m
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	22.0	40.8
83	12.0	9.9	18.5

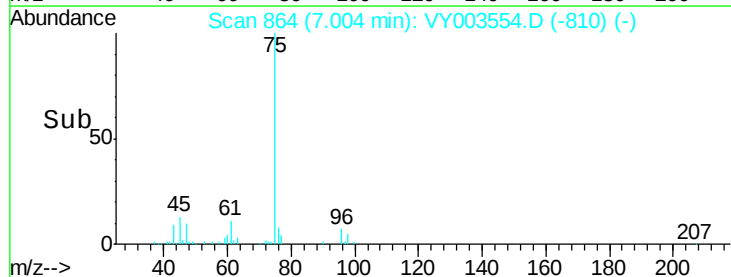
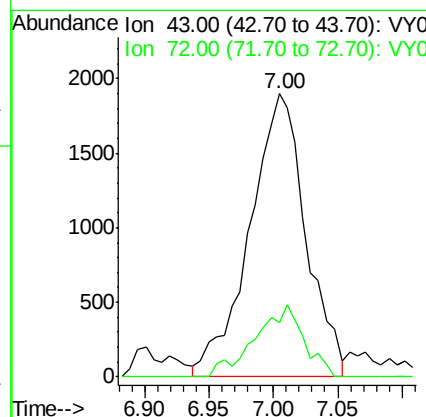
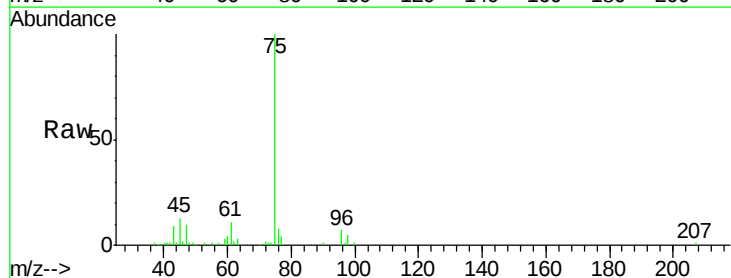
Manual Integrations
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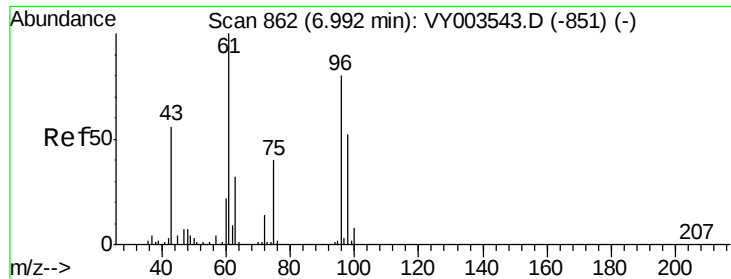
MMDadoda
 11/20/2020 10:23:06 AM



#21
 2-Butanone
 Concen: 3.773 ug/L
 RT: 7.00 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.4	13.2	39.6





#22

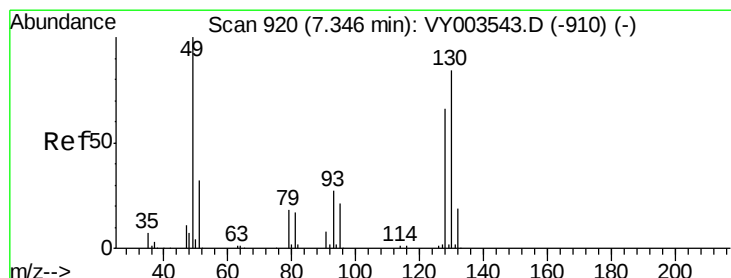
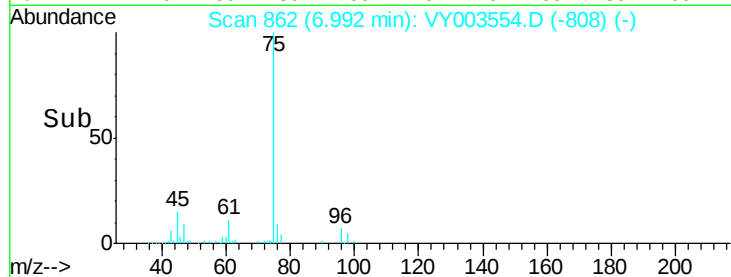
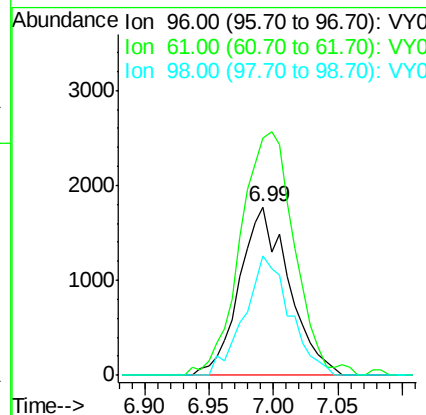
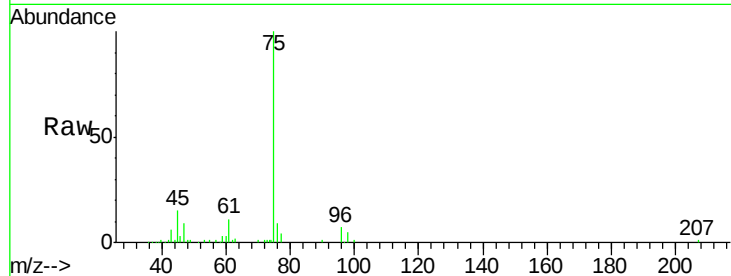
cis-1,2-Dichloroethene
Concen: 1.396 ug/L
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	88.1	163.5
98	71.4	45.6	84.6

Manual Integrations
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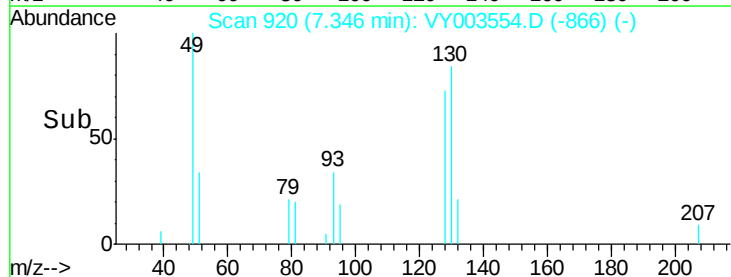
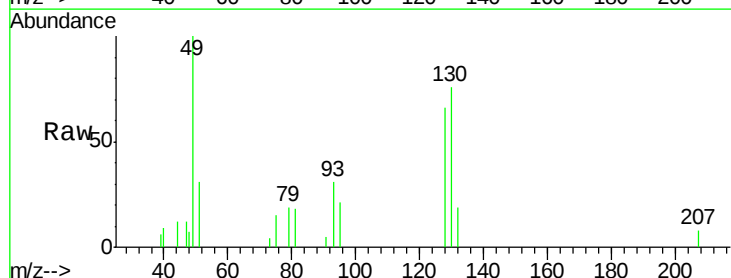
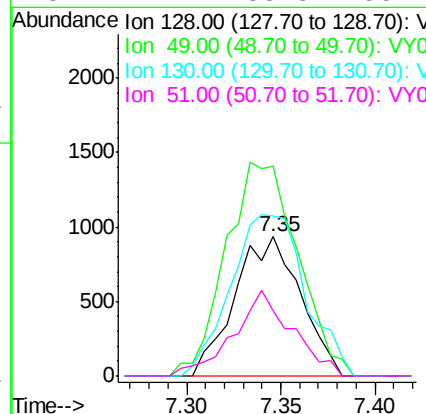
MMDadoda
11/20/2020 10:23:06 AM

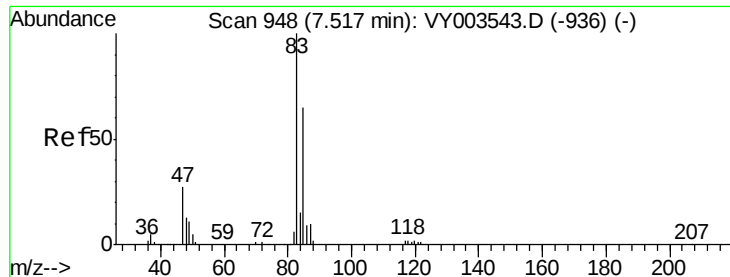


#23

Bromochloromethane
Concen: 1.379 ug/L
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
128	100		
49	151.2	107.3	199.3
130	114.8	89.3	165.9
51	47.2	38.8	58.2





#25

Chloroform

Concen: 1.489 ug/L

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion: 83 Resp: 8257

Ion Ratio Lower Upper

83 100

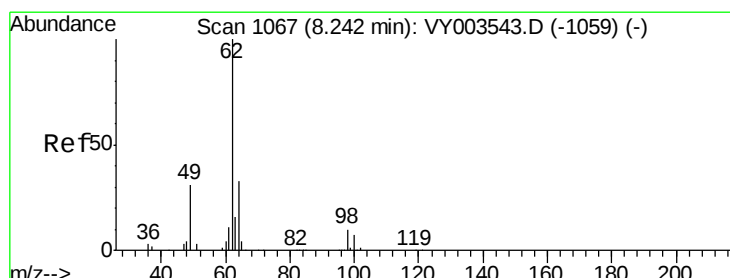
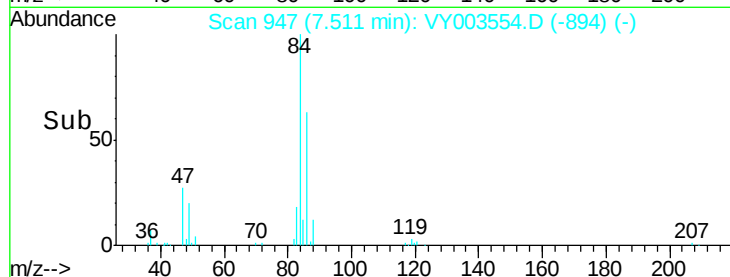
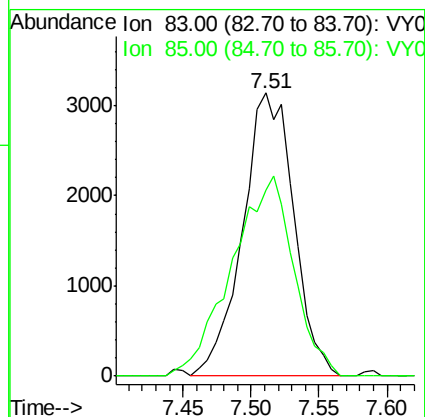
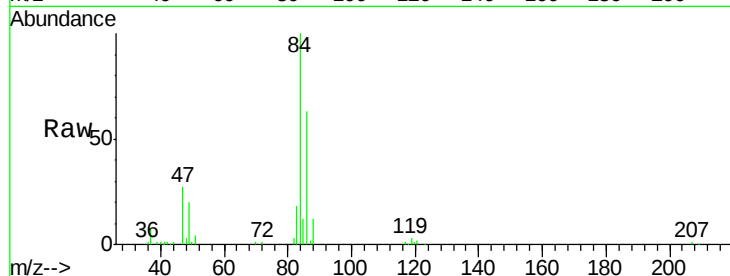
85 85.4 46.2 85.8

Manual Integrations

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MMDadoda

11/20/2020 10:23:06 AM



#27

1,2-Dichloroethane

Concen: 1.432 ug/L

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003554.D

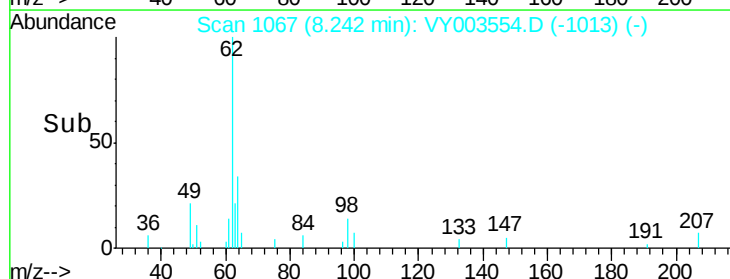
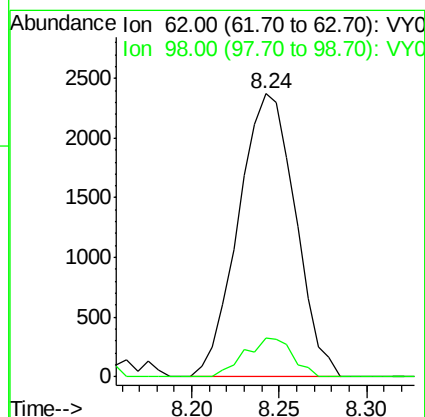
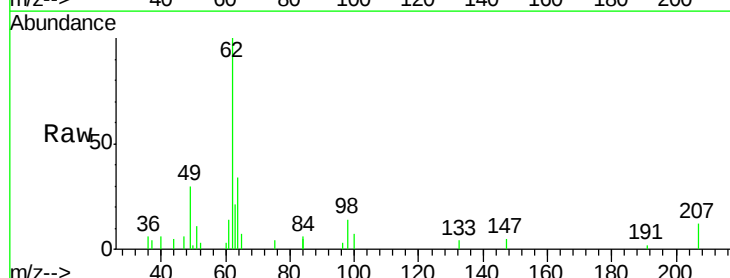
Acq: 19 Nov 2020 17:37

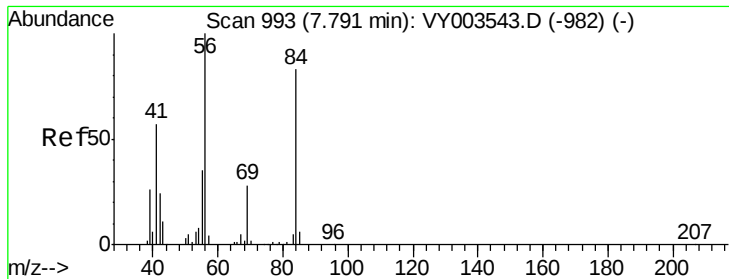
Tgt Ion: 62 Resp: 5366

Ion Ratio Lower Upper

62 100

98 13.8 7.7 11.5#





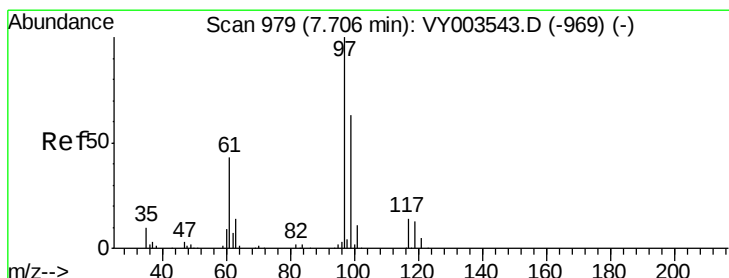
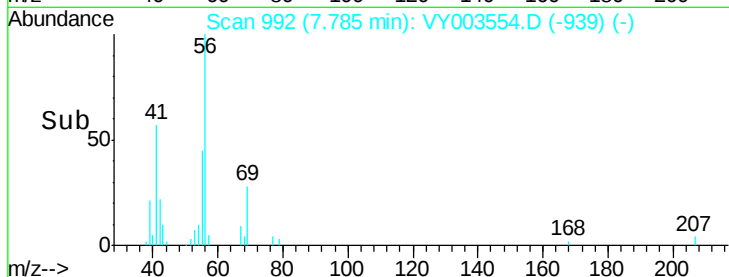
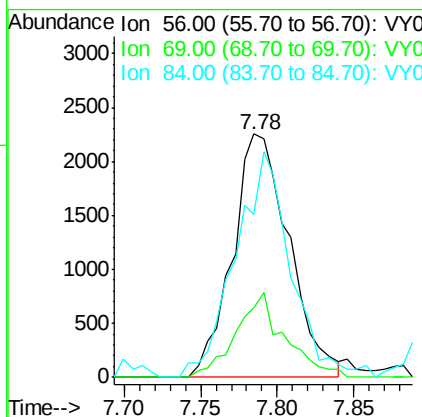
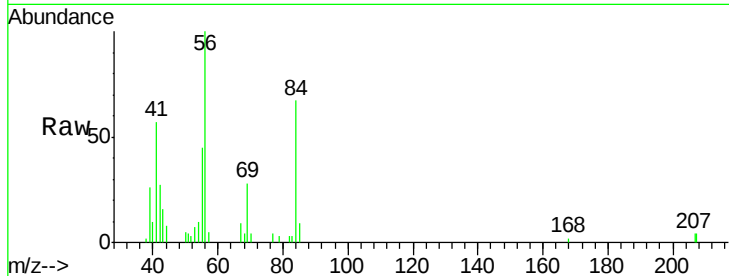
#30
Cyclohexane
Concen: 1.148 ug/L
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.3	34.9
84	87.1	69.9	104.9

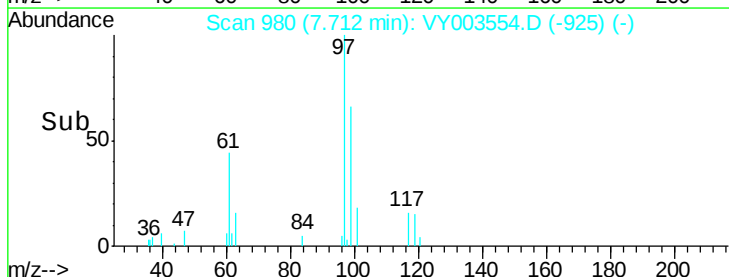
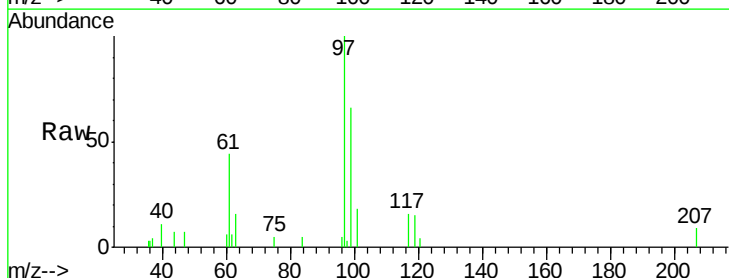
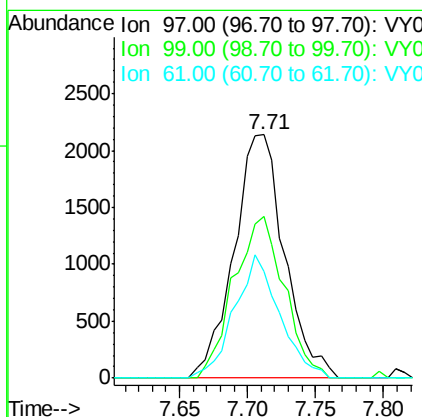
Manual Integrations
APPROVED

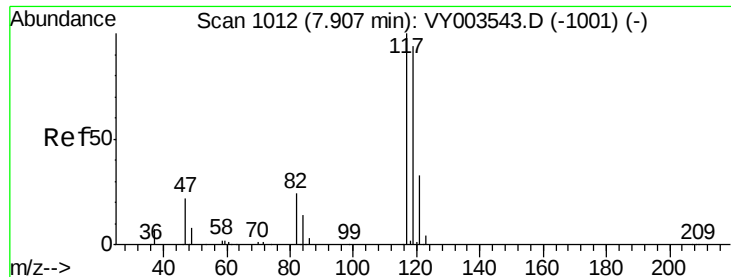
MMDadoda
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#31
1,1,1-Trichloroethane
Concen: 1.233 ug/L
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.1	78.1
61	45.2	34.9	52.3





#32

Carbon tetrachloride

Concen: 1.263 ug/L

RT: 7.90 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion:117 Resp: 5409

Ion Ratio Lower Upper

117 100

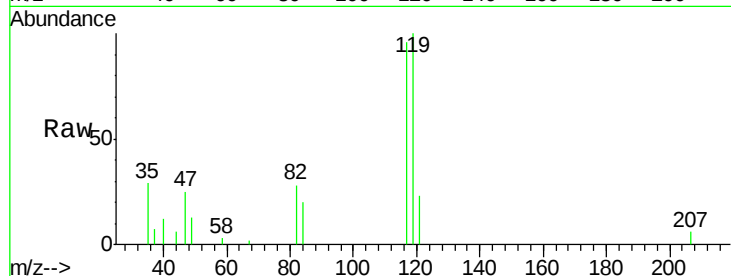
119 98.8 76.2 114.4

Manual Integrations

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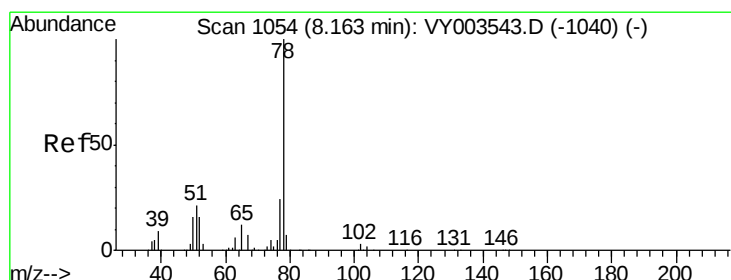
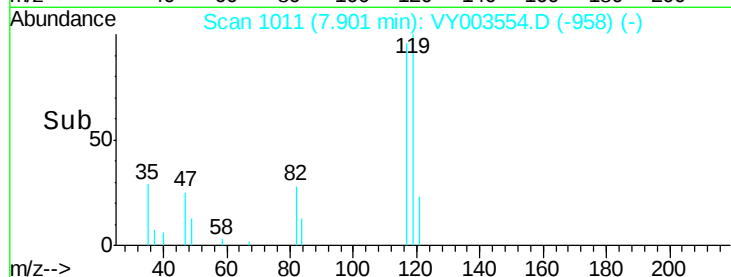
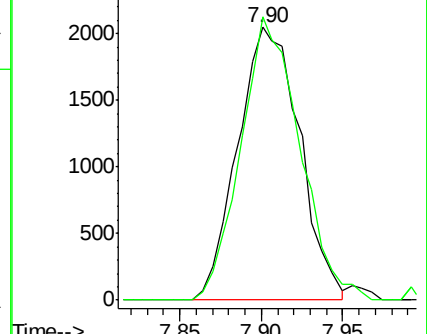
MMDadoda

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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 1.310 ug/L

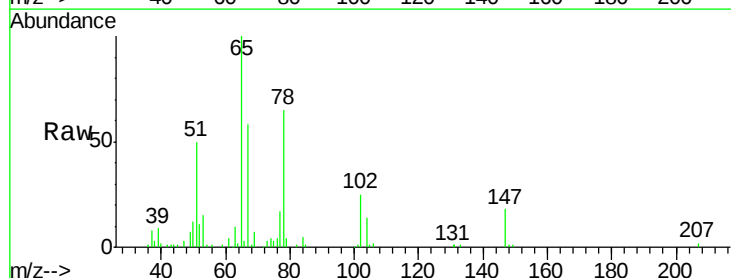
RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

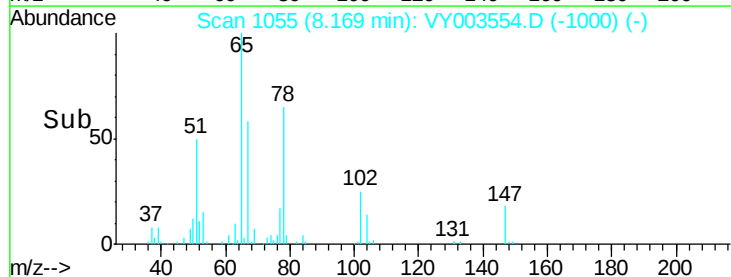
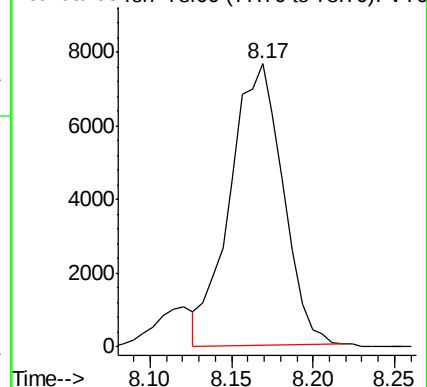
Lab File: VY003554.D

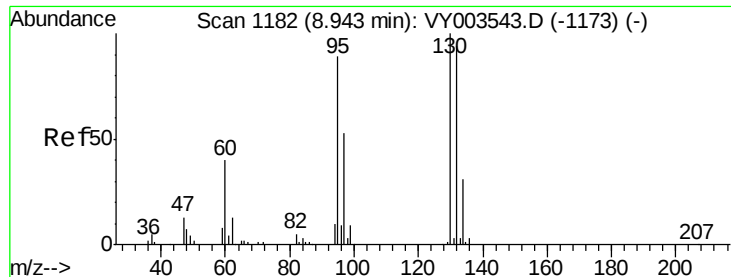
Acq: 19 Nov 2020 17:37

Tgt Ion: 78 Resp: 17124



Abundance Ion 78.00 (77.70 to 78.70): VY0





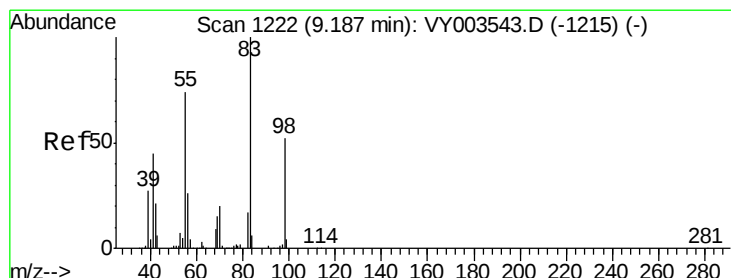
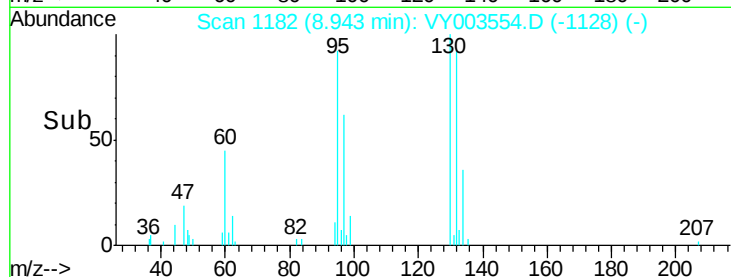
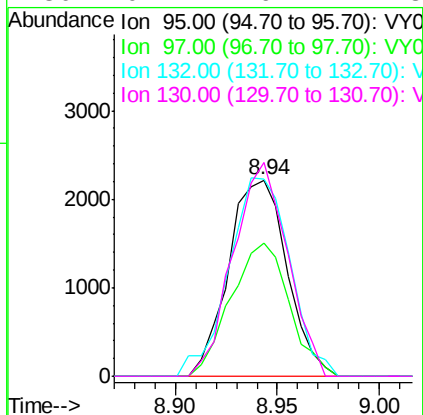
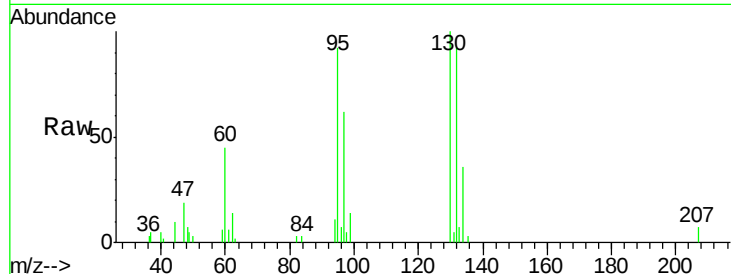
#35
 Trichloroethene
 Concen: 1.332 ug/L
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Tot Ion:	95	Resp:	4407
Ion	Ratio	Lower	Upper
95	100		
97	68.2	44.5	82.7
132	105.9	73.1	135.7
130	101.7	76.1	141.3

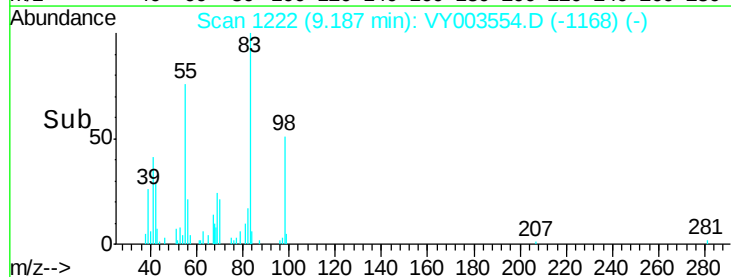
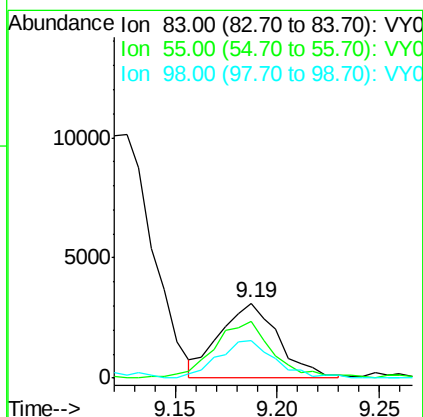
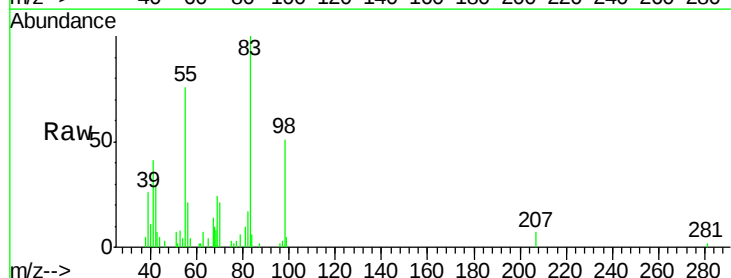
Manual Integrations
 APPROVED

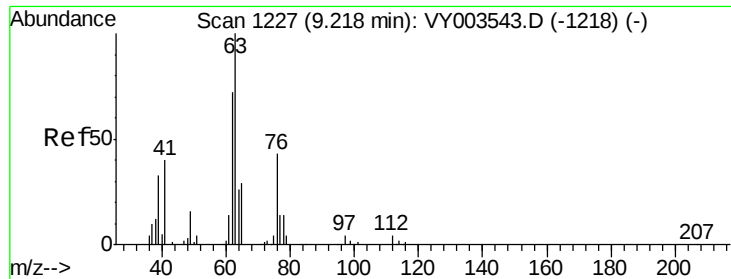
MMDadoda
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#36
 Methylcyclohexane
 Concen: 1.201 ug/L
 RT: 9.19 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion:	83	Resp:	6214
Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.8	91.2
98	47.9	40.6	61.0





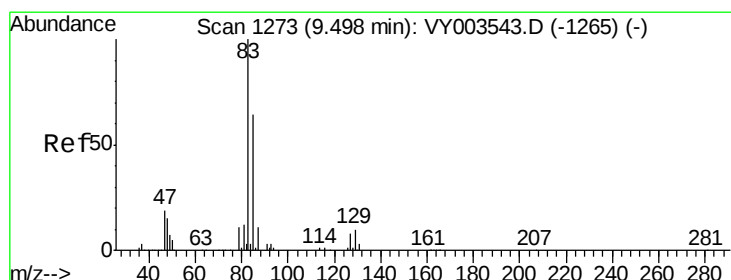
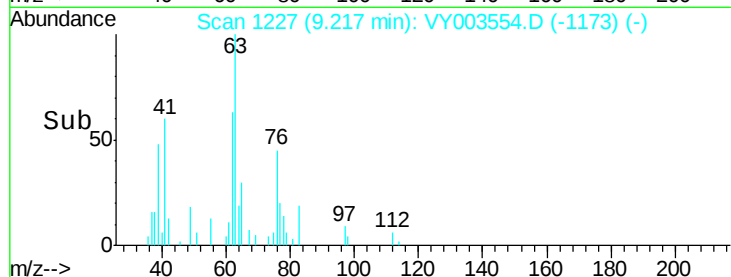
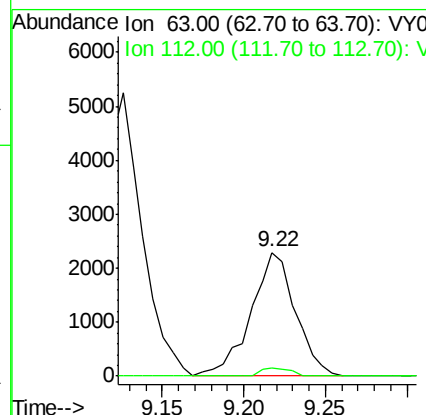
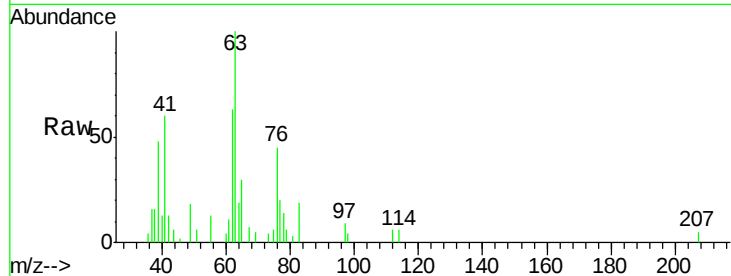
#40
 1,2-Dichloropropane
 Concen: 1.359 ug/L
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Tot Ion	63	Resp	4378
Ion Ratio	Lower	Upper	
63	100		
112	4.2	3.5	5.3

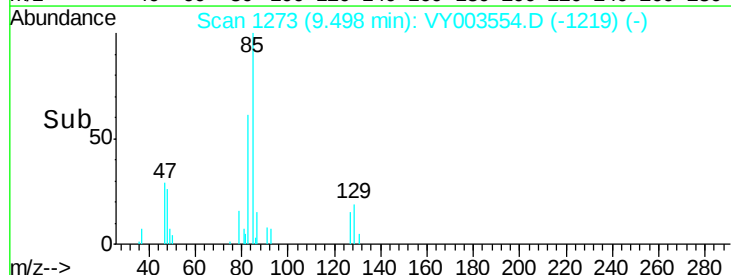
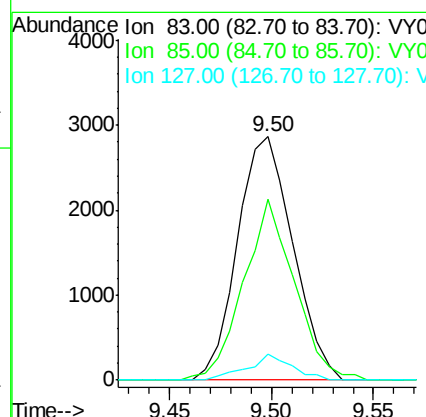
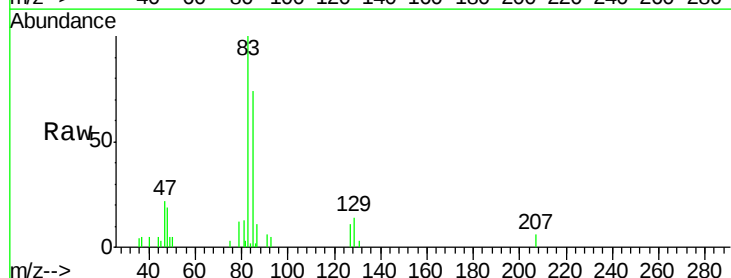
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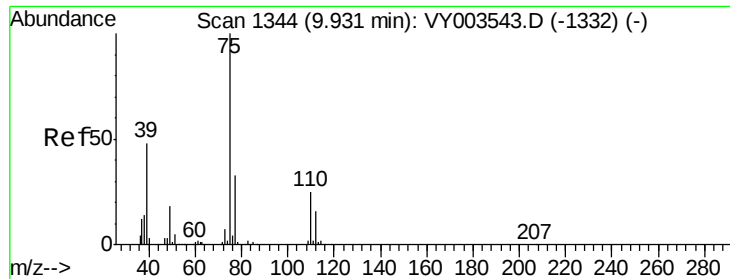
MMDadoda
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#41
 Bromodichloromethane
 Concen: 1.312 ug/L
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion	83	Resp	5396
Ion Ratio	Lower	Upper	
83	100		
85	74.2	45.1	83.7
127	10.9	6.8	10.2#





#42

cis-1,3-Dichloropropene

Concen: 1.268 ug/L

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampled :

MDL07

Tot Ion: 75 Resp: 6444

Ion Ratio Lower Upper

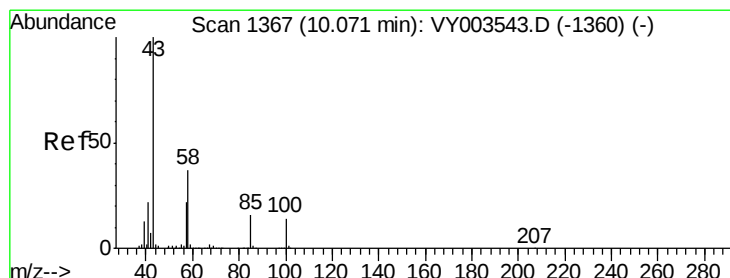
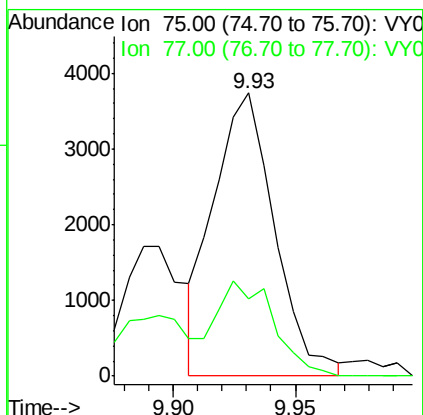
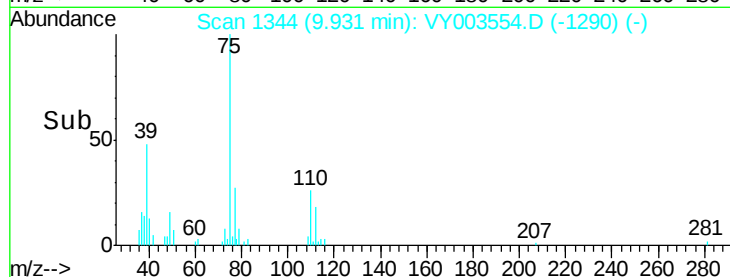
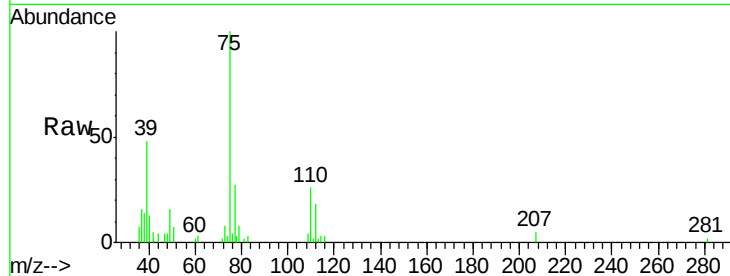
75 100

77 27.3 23.2 43.0

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#43

4-Methyl-2-pentanone

Concen: 2.411 ug/L

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

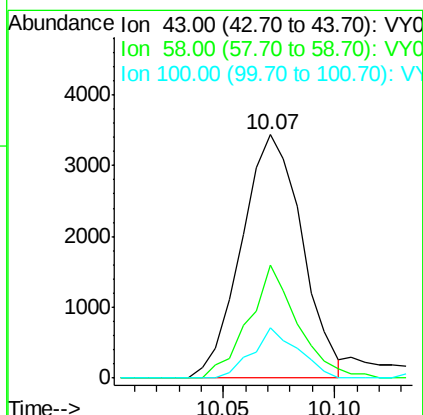
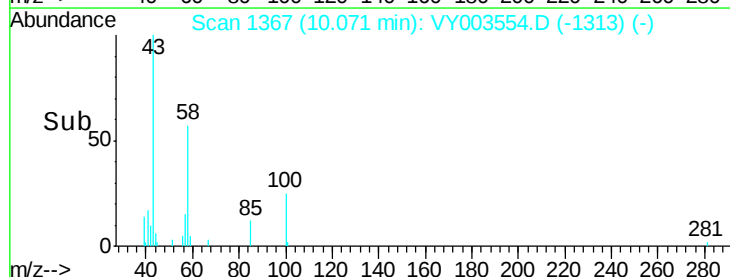
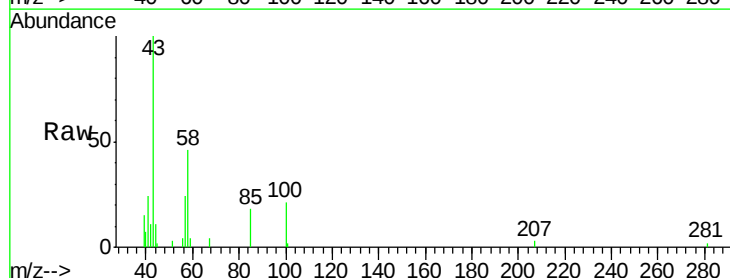
Tgt Ion: 43 Resp: 6501

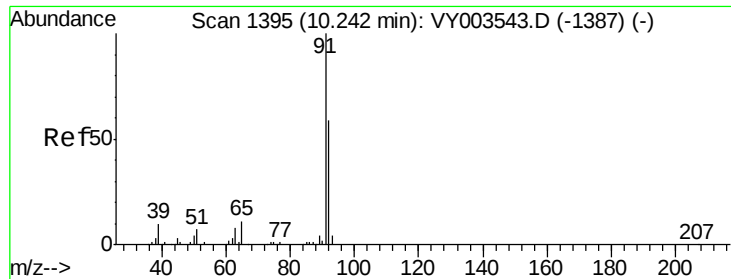
Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.2

100 15.6 11.7 17.5





#44

Toluene

Concen: 1.303 ug/L

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion: 91 Resp: 17952

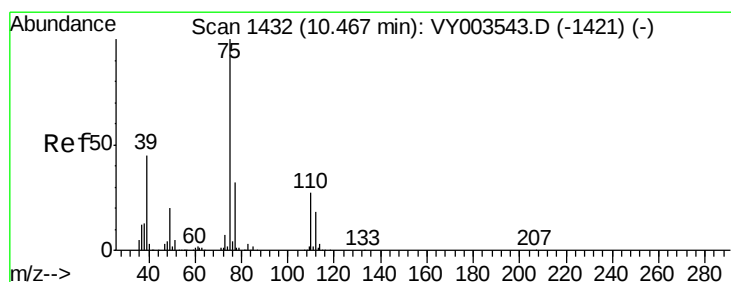
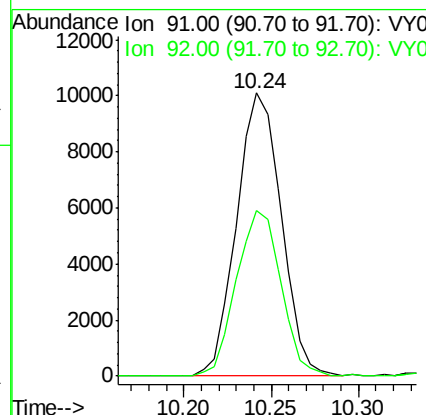
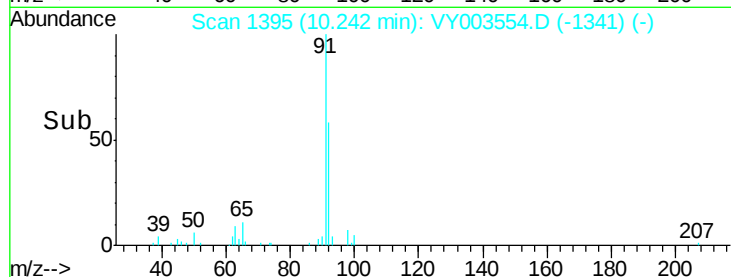
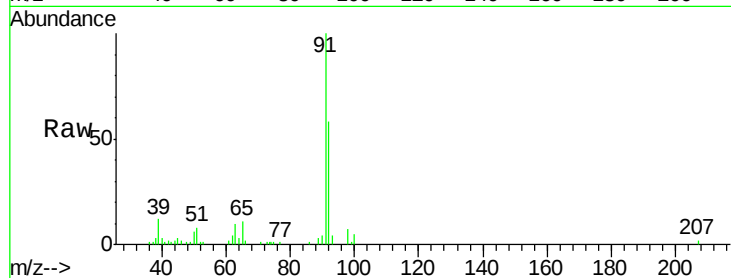
Ion Ratio Lower Upper

91 100

92 58.3 41.0 76.2

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#45

trans-1,3-Dichloropropene

Concen: 1.705 ug/L

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003554.D

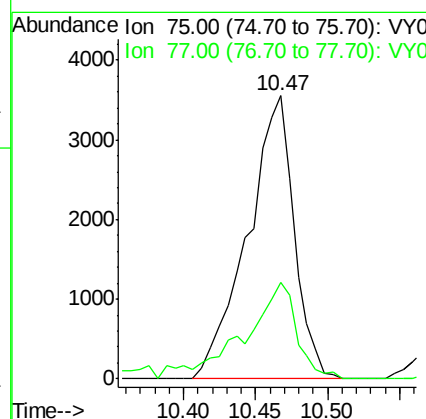
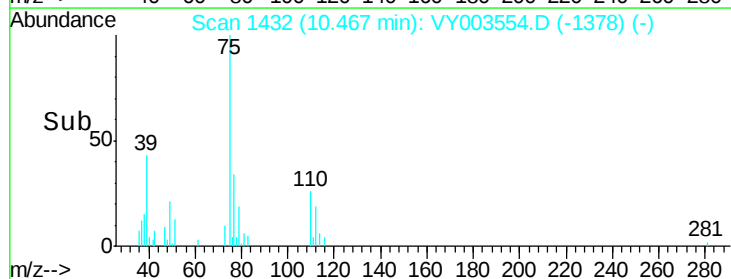
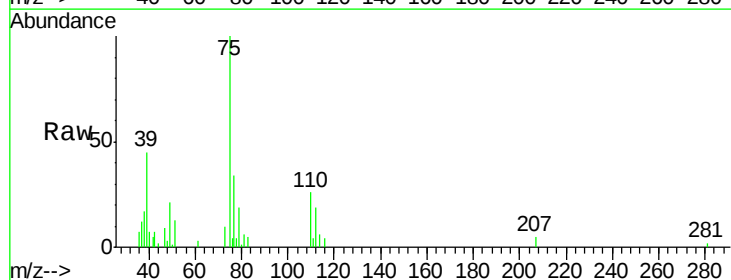
Acq: 19 Nov 2020 17:37

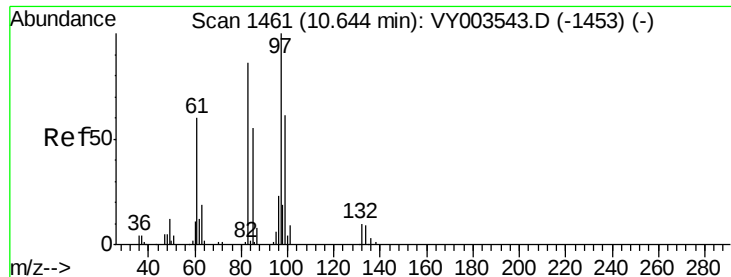
Tgt Ion: 75 Resp: 7980

Ion Ratio Lower Upper

75 100

77 34.1 22.1 41.1





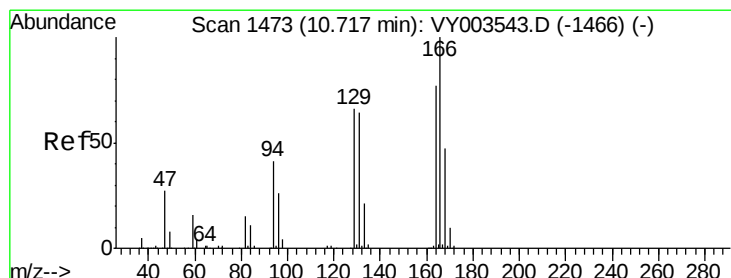
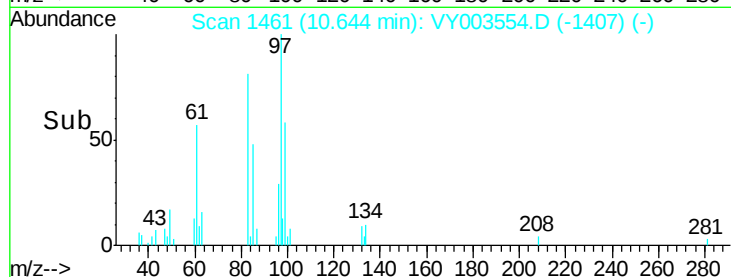
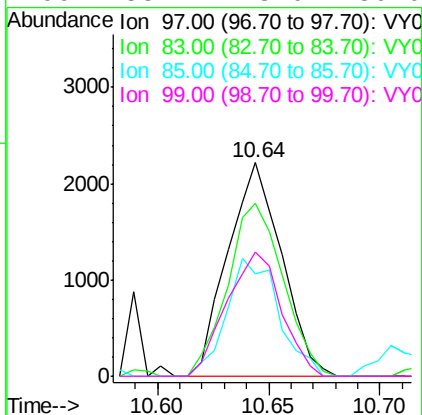
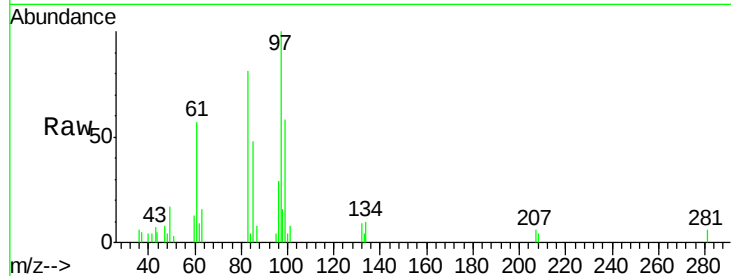
#46
1,1,2-Trichloroethane
Concen: 1.450 ug/L
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion:	97	Resp:	3733
Ion	Ratio	Lower	Upper
97	100		
83	80.8	60.1	111.5
85	47.7	38.9	72.2
99	58.2	43.0	80.0

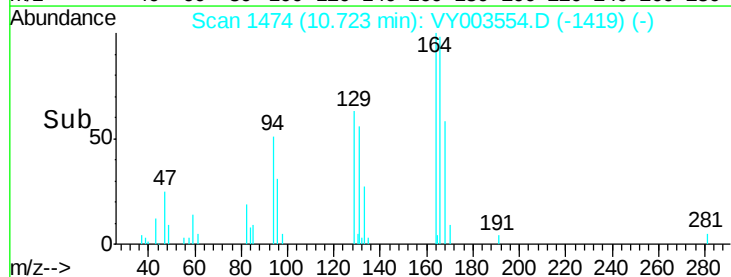
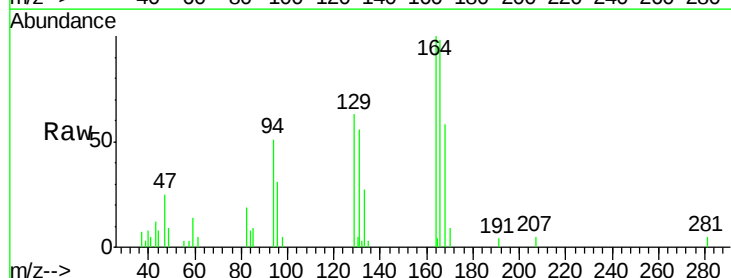
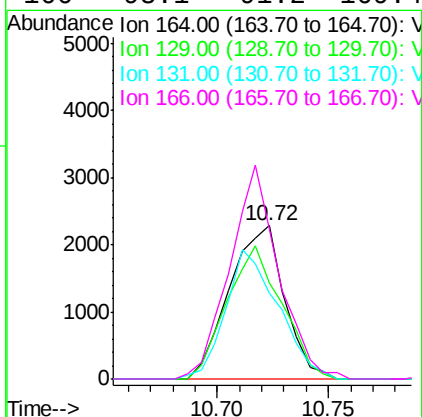
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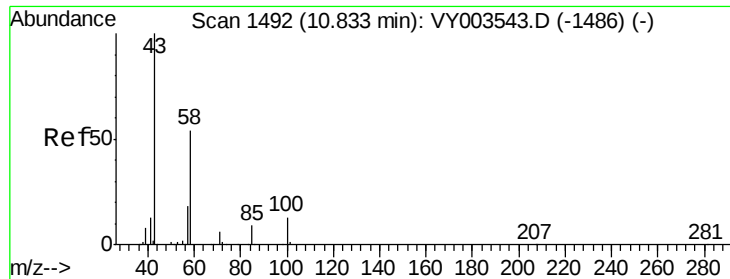
MMDadoda
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#47
Tetrachloroethene
Concen: 1.366 ug/L
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion:	164	Resp:	3930
Ion	Ratio	Lower	Upper
164	100		
129	63.0	60.6	112.6
131	55.8	58.7	109.1#
166	98.1	91.2	169.4





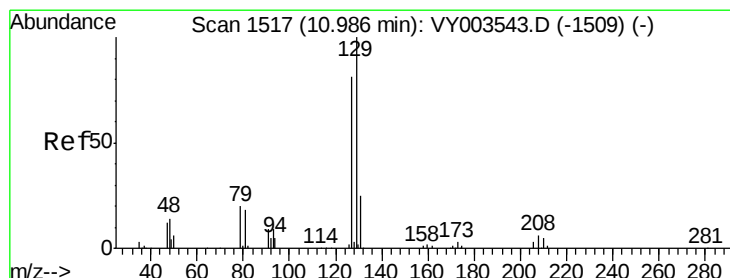
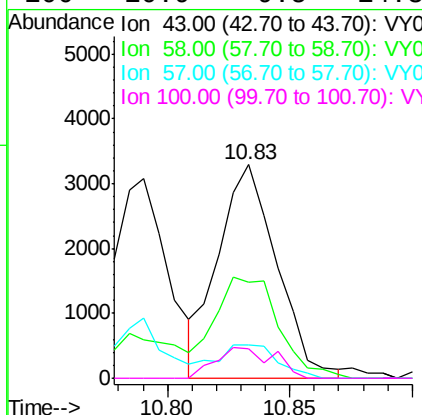
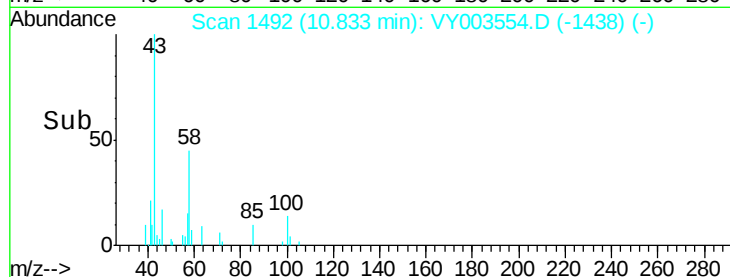
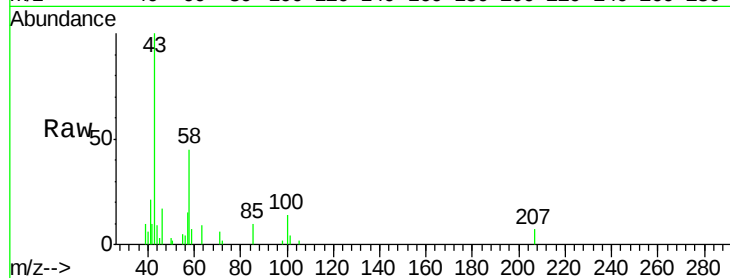
#49
2-Hexanone
Concen: 2.581 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.1	63.1
57	13.2	14.2	21.2
100	10.9	9.5	14.3

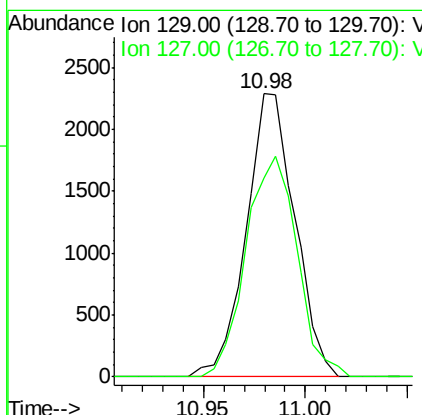
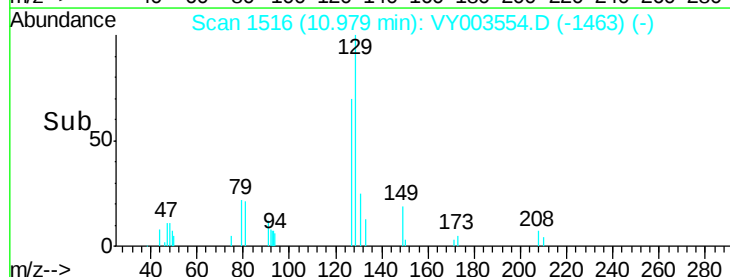
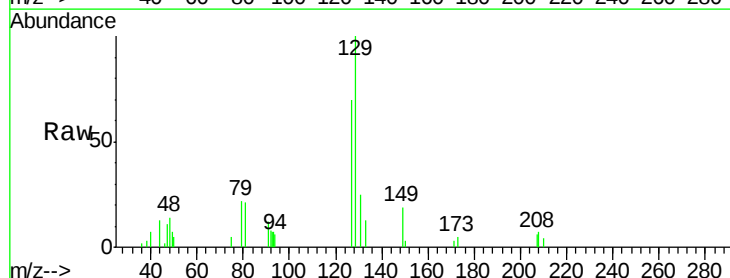
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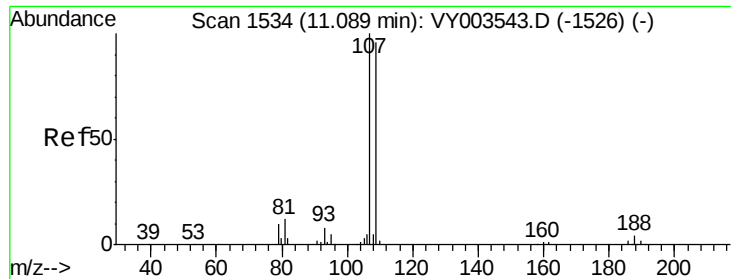
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#50
Dibromochloromethane
Concen: 1.220 ug/L
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	70.2	56.6	105.0





#51

1,2-Dibromoethane

Concen: 1.307 ug/L

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

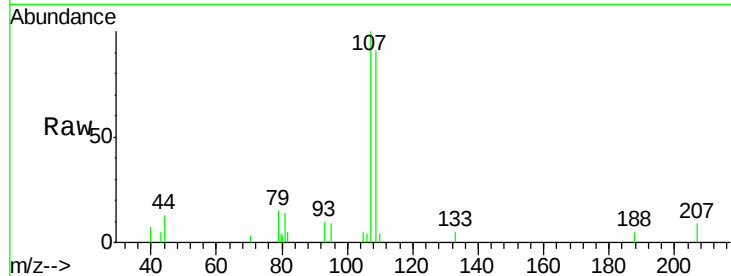
ClientSampleId :

MDL07

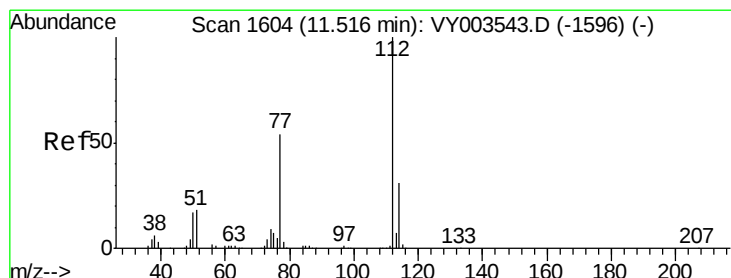
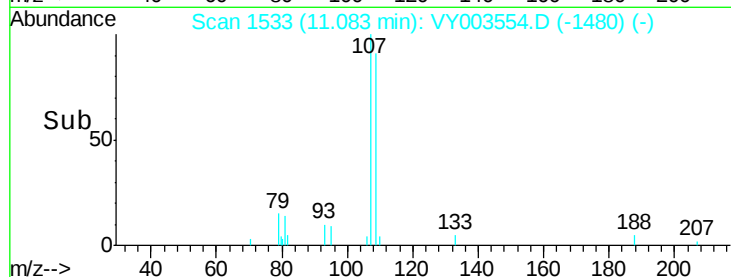
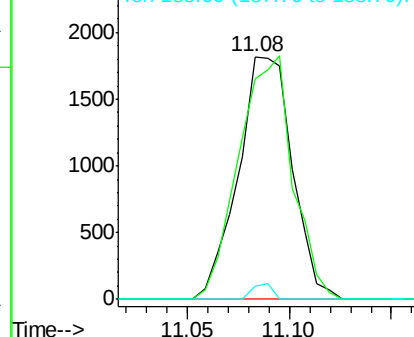
Tot Ion:	107	Resp:	3355
Ion Ratio	Lower	Upper	
107	100		
109	91.0	66.8	124.2
188	5.5	3.3	4.9#

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Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 1.308 ug/L

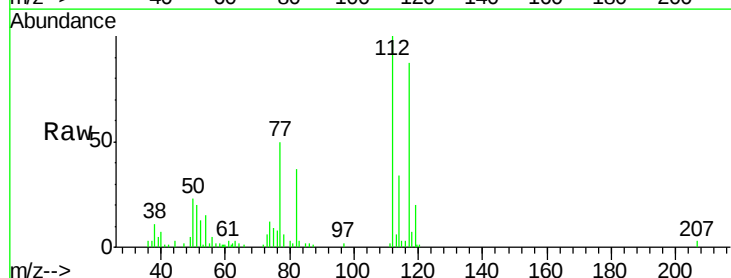
RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

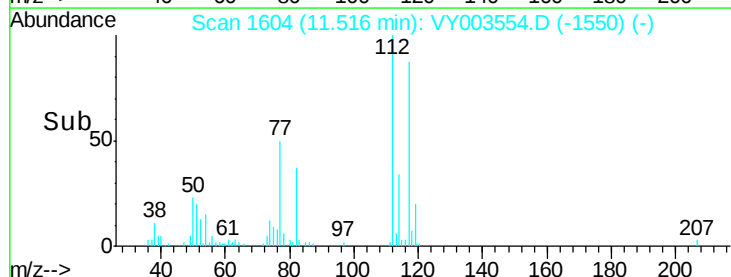
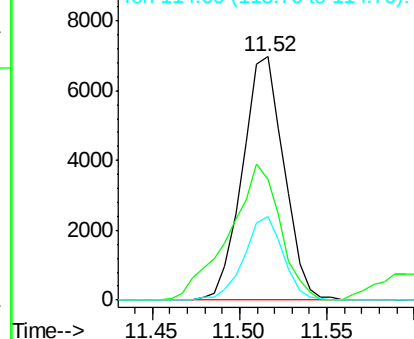
Lab File: VY003554.D

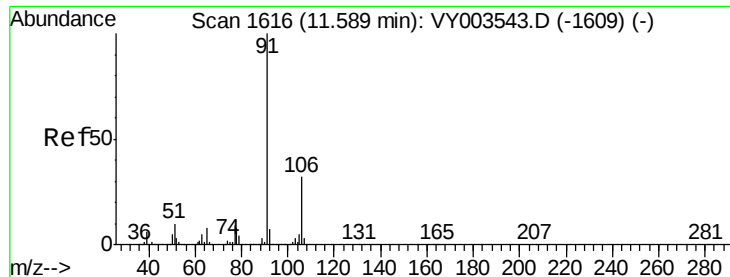
Acq: 19 Nov 2020 17:37

Tgt Ion:	112	Resp:	11507
Ion Ratio	Lower	Upper	
112	100		
77	49.8	43.3	64.9
114	34.2	21.9	40.7



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 1.193 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL07

Tot Ion: 91 Resp: 16875

Ion Ratio Lower Upper

91 100

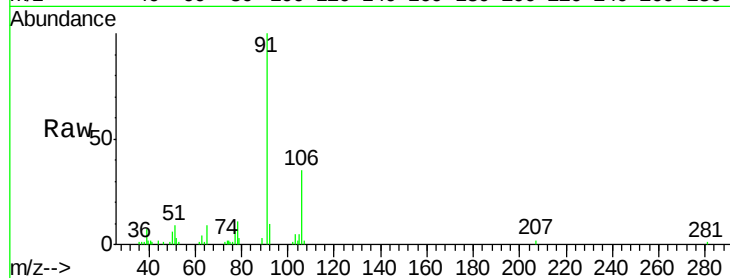
106 35.4 22.5 41.7

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Abundance Ion 91.00 (90.70 to 91.70): VY003543.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY003543.D (-1609) (-)

11.59

10000

8000

6000

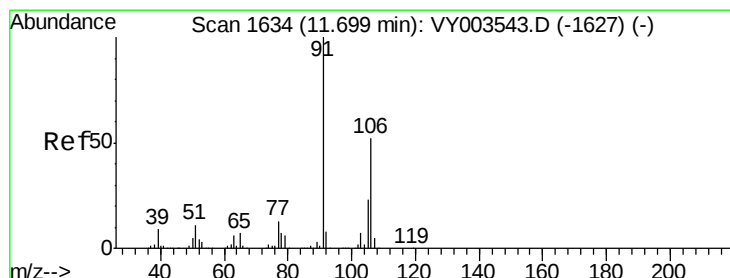
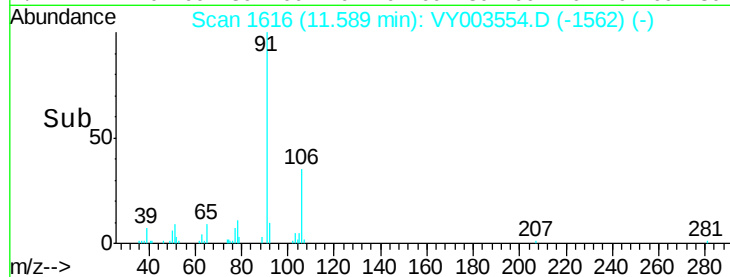
4000

2000

0

11.55 11.60 11.65

Time-->



#54

m,p-Xylene

Concen: 1.242 ug/L

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003554.D

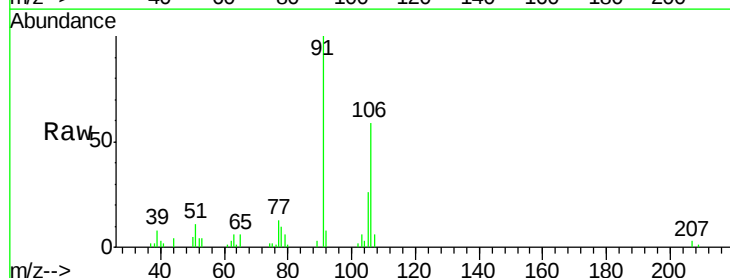
Acq: 19 Nov 2020 17:37

Tgt Ion: 106 Resp: 6764

Ion Ratio Lower Upper

106 100

91 168.1 135.6 251.8



Abundance Ion 106.00 (105.70 to 106.70): VY003543.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY003543.D (-1627) (-)

11.70

6000

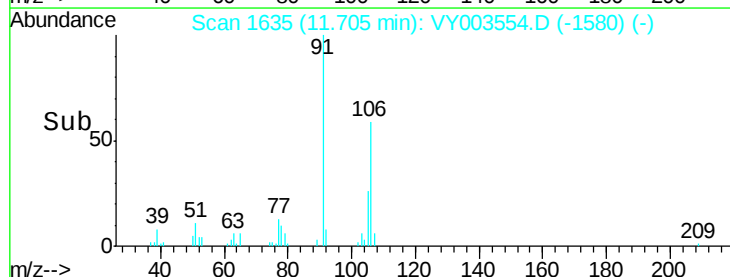
4000

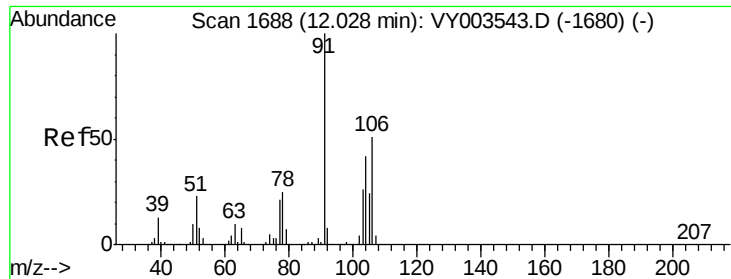
2000

0

11.65 11.70 11.75

Time-->





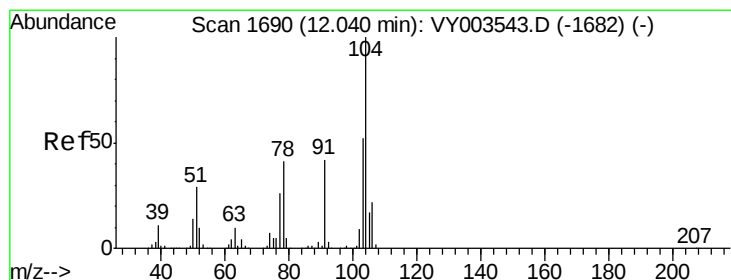
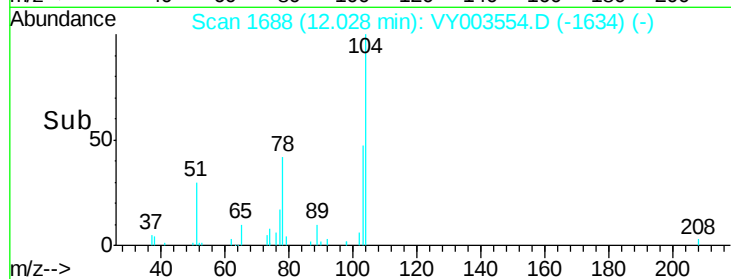
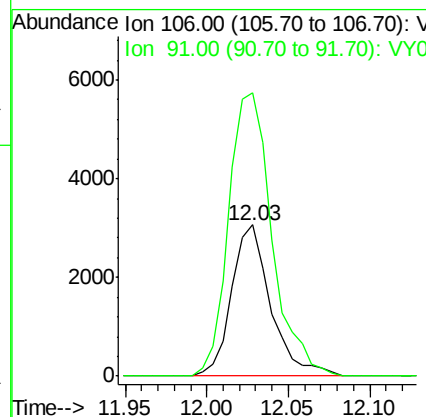
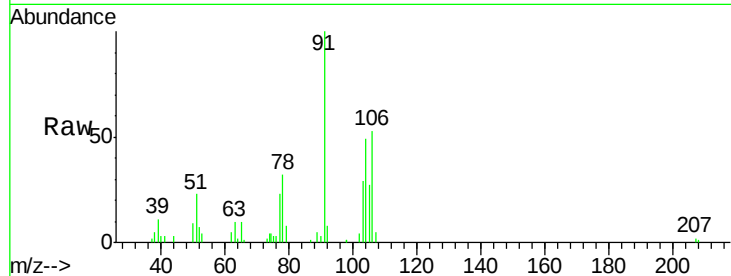
#55
o-xylene
Concen: 1.125 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
106	100		
91	187.4	138.3	256.8

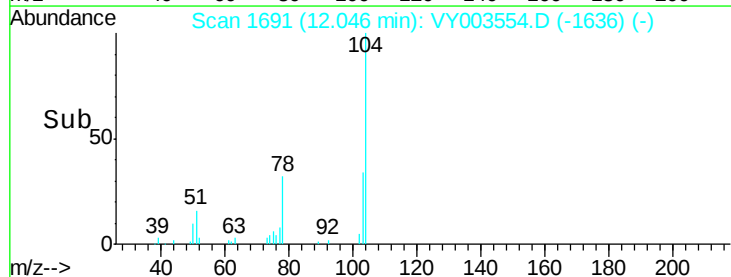
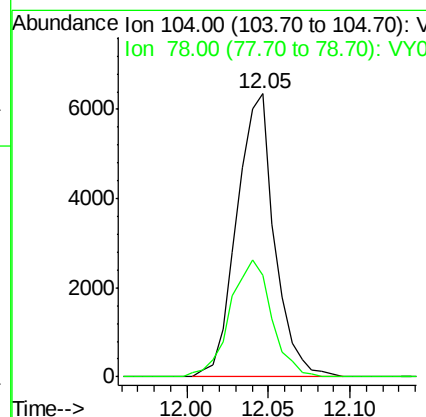
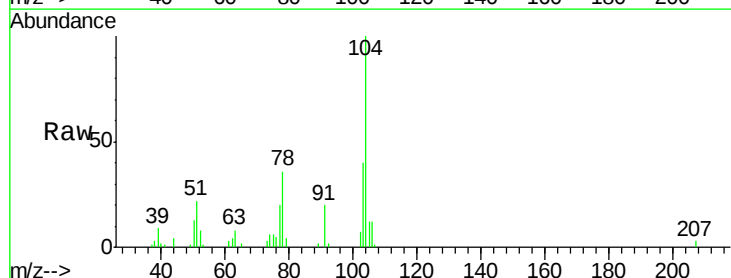
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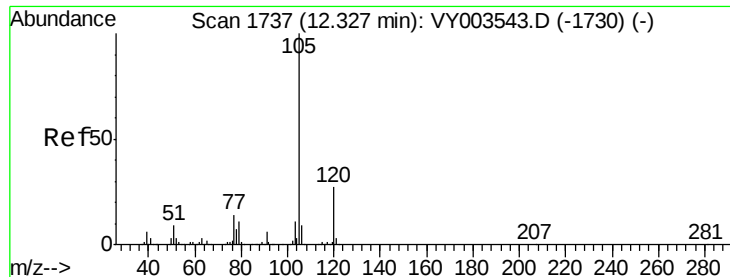
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#56
Styrene
Concen: 1.154 ug/L
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	35.9	28.8	53.6





#57

Isopropylbenzene

Concen: 1.069 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

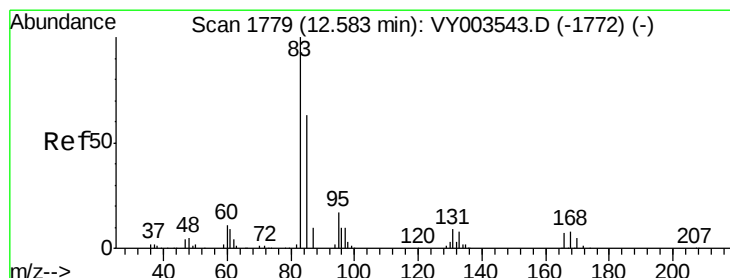
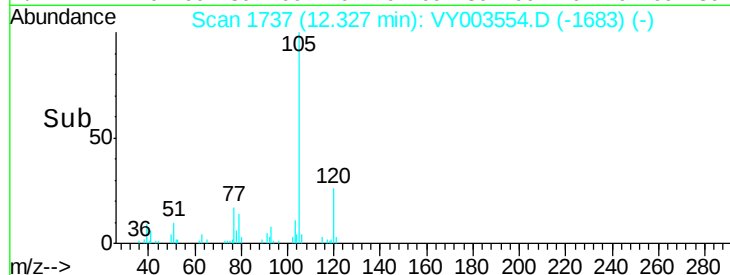
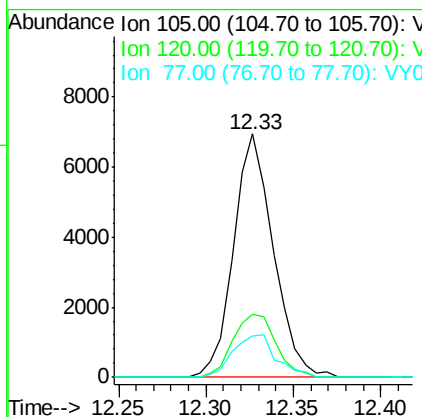
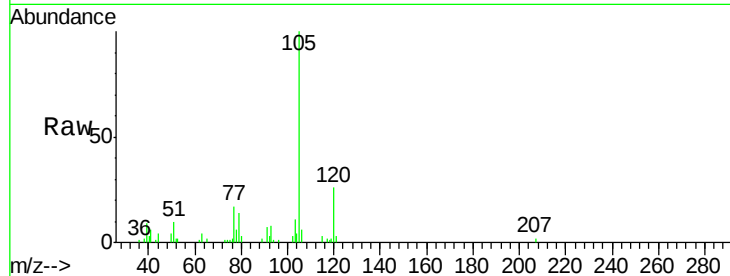
ClientSampleId :

MDL07

Tot Ion:	105	Resp:	10996
Ion Ratio	Lower	Upper	
105	100		
120	28.1	21.7	32.5
77	18.9	12.1	18.1#

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#58

1,1,2,2-Tetrachloroethane

Concen: 1.321 ug/L

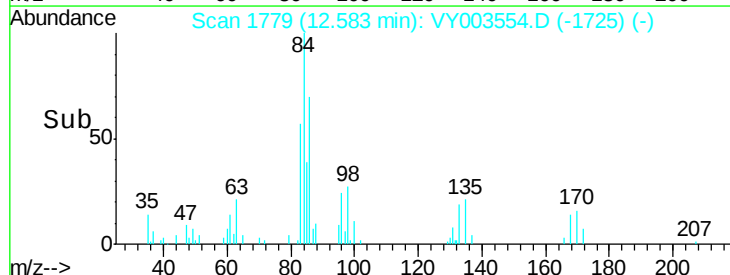
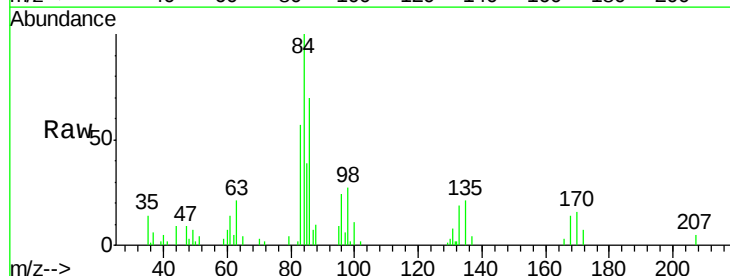
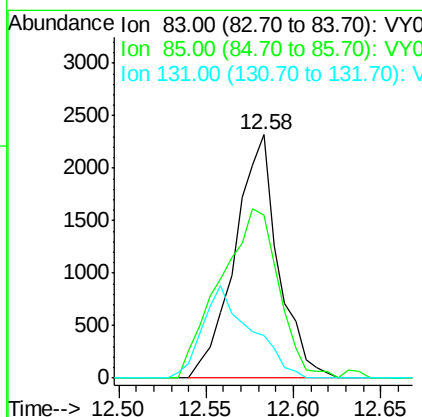
RT: 12.58 min Scan# 1779

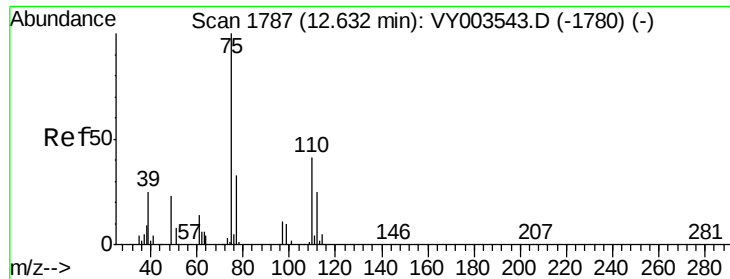
Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Tgt Ion:	83	Resp:	4012
Ion Ratio	Lower	Upper	
83	100		
85	67.1	44.8	83.2
131	17.5	7.3	10.9#





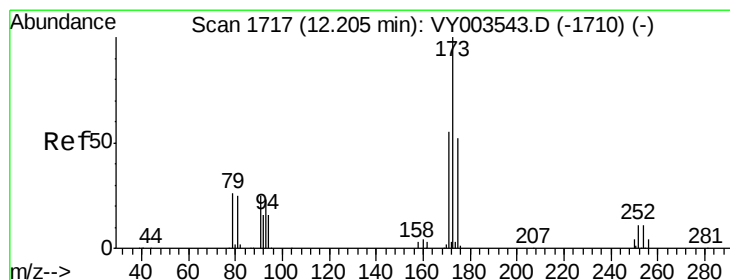
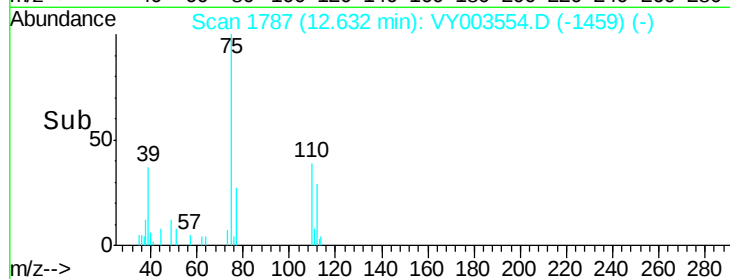
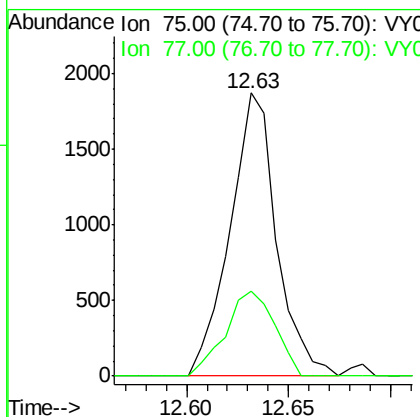
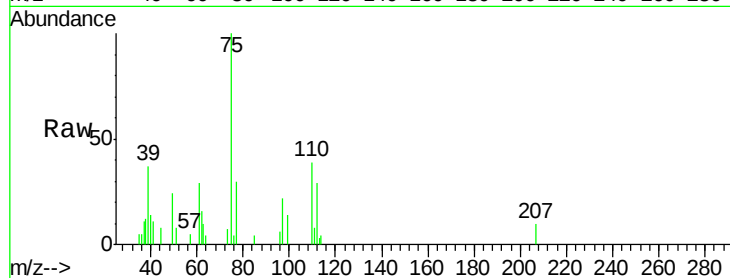
#59
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2

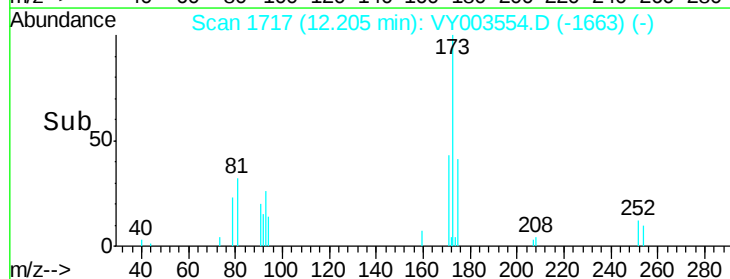
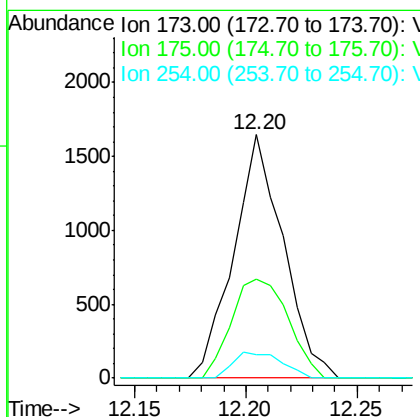
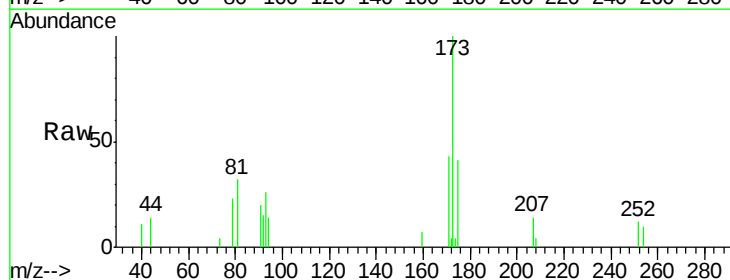
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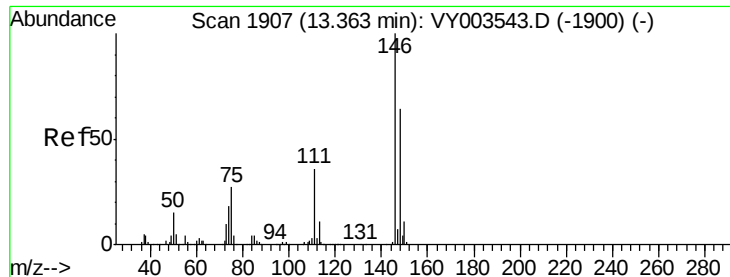
MMDadoda
 11/20/2020 10:23:06 AM



#62
 Bromoform
 Concen: 1.316 ug/L
 RT: 12.20 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.5	59.3
254	10.4	8.6	12.8





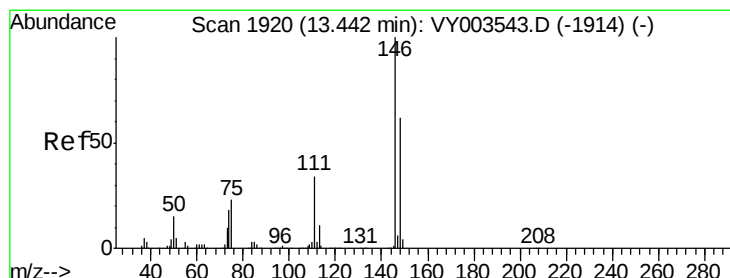
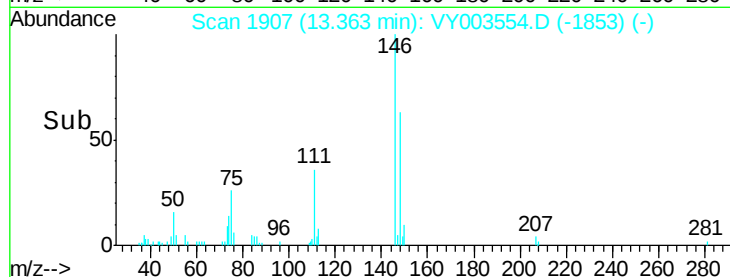
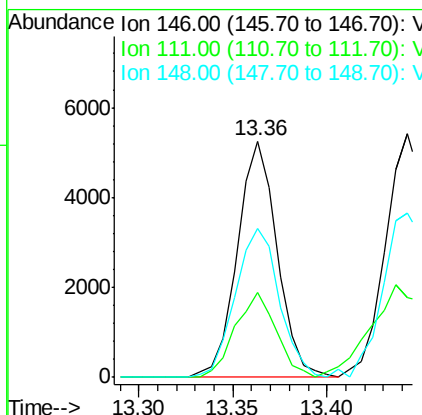
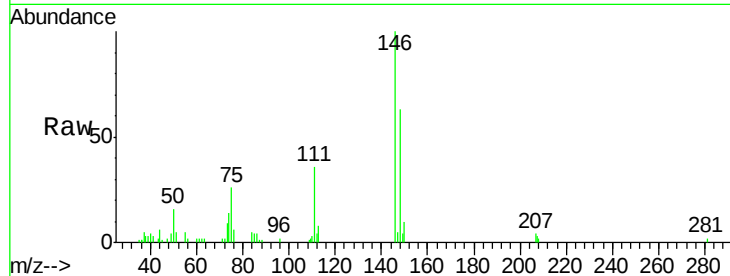
#63
 1,3-Dichlorobenzene
 Concen: 1.275 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.1	46.5
148	63.1	44.7	82.9

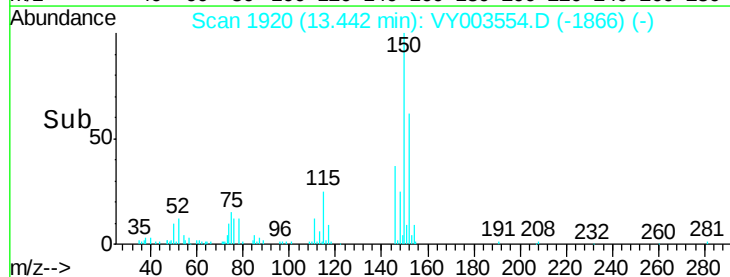
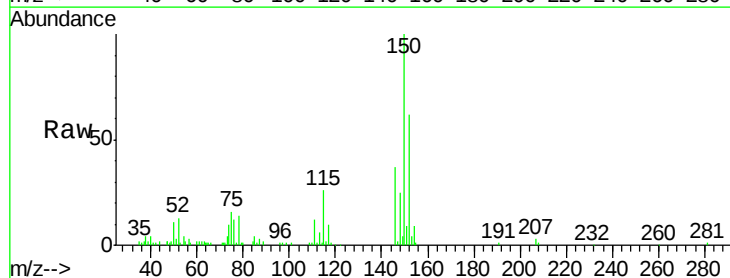
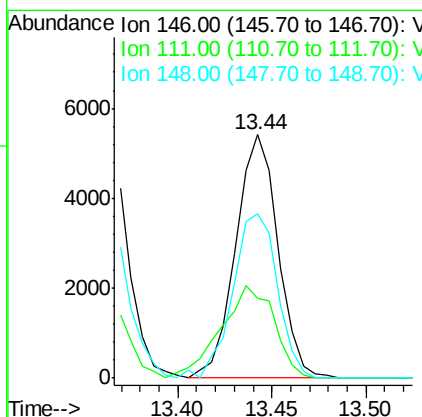
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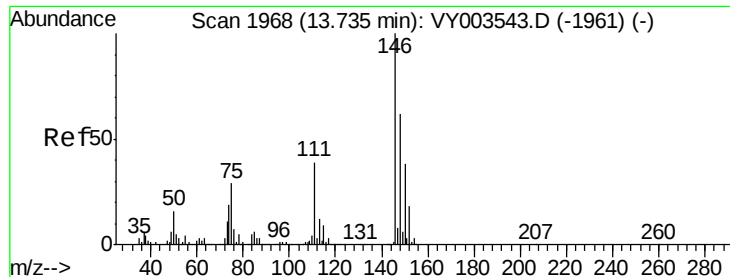
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#64
 1,4-Dichlorobenzene
 Concen: 1.353 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.0	24.1	44.8
148	67.7	43.6	81.0





#65

1,2-Dichlorobenzene

Concen: 1.368 ug/L

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Instrument :

MSVOA_Y

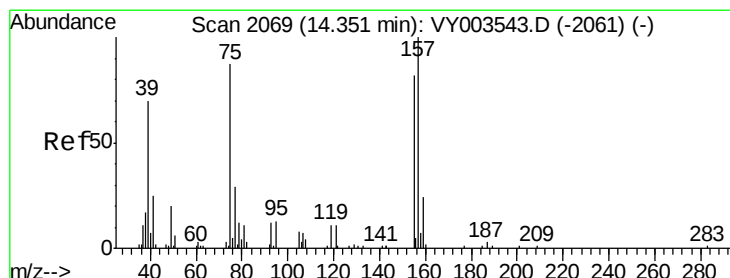
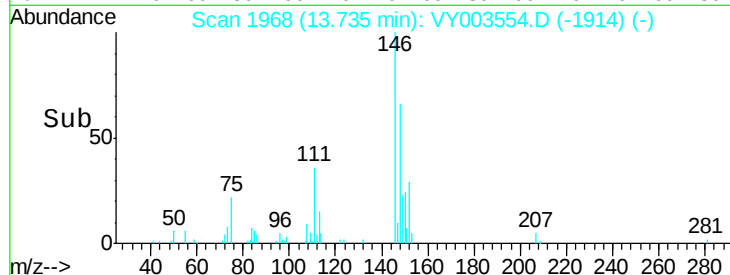
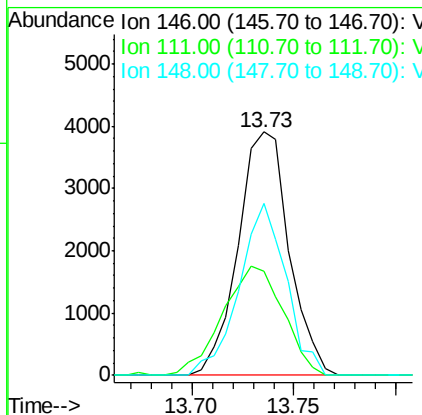
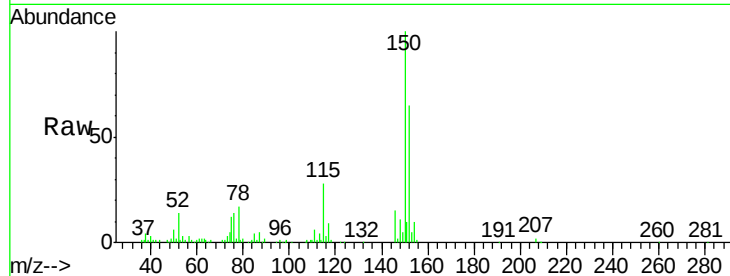
ClientSampled :

MDL07

Tot Ion:	146	Resp:	6803
Ion Ratio	Lower	Upper	
146	100		
111	42.7	31.0	46.6
148	70.5	49.8	74.8

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#66

1,2-Dibromo-3-chloropropane

Concen: 1.486 ug/L m

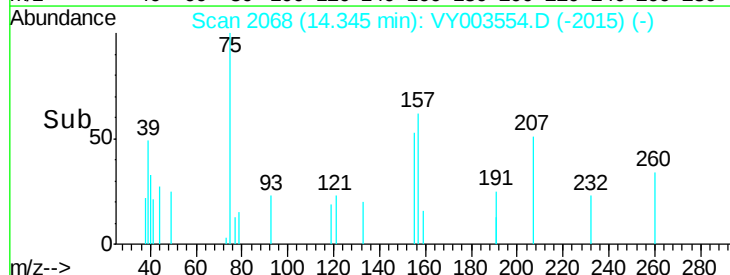
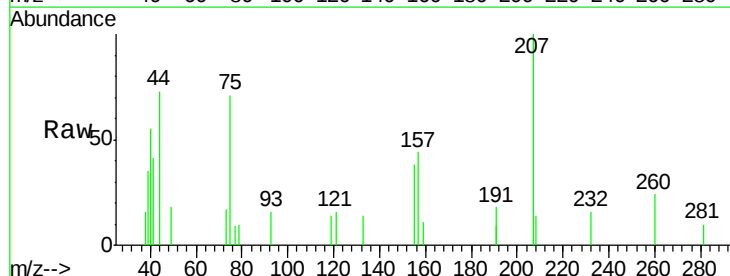
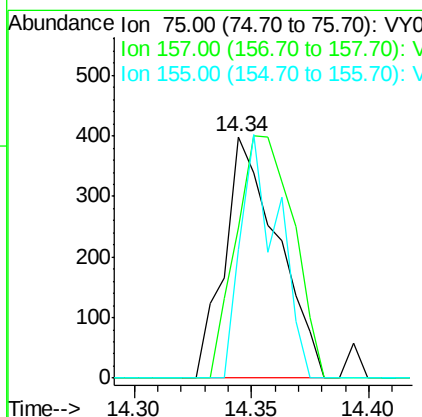
RT: 14.34 min Scan# 2068

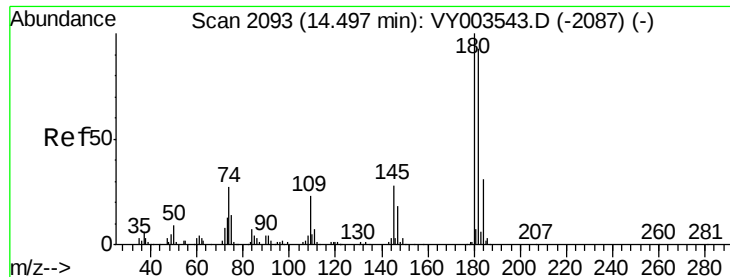
Delta R.T. -0.01 min

Lab File: VY003554.D

Acq: 19 Nov 2020 17:37

Tgt Ion:	75	Resp:	629
Ion Ratio	Lower	Upper	
75	100		
157	62.2	91.8	137.6#
155	53.4	75.7	113.5#





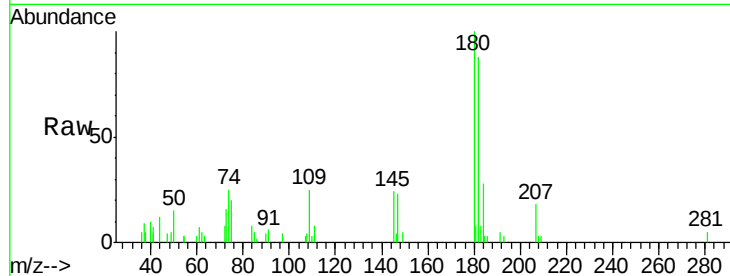
#67
 1,3,5-Trichlorobenzene
 Concen: 1.255 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL07

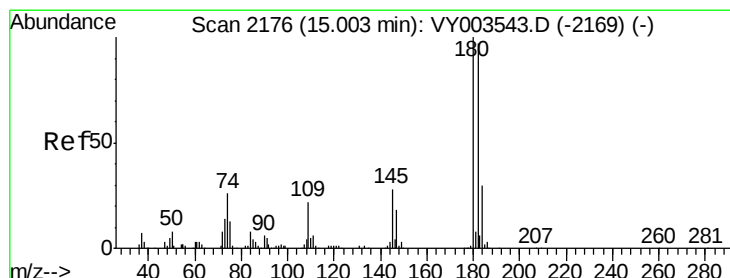
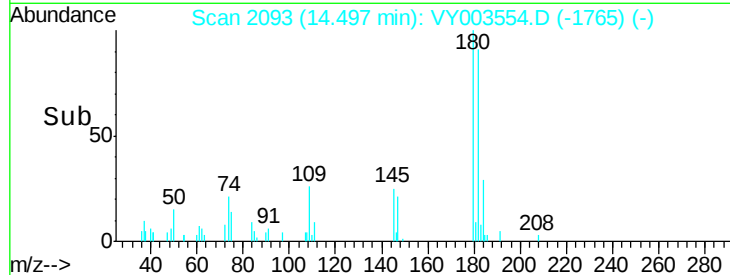
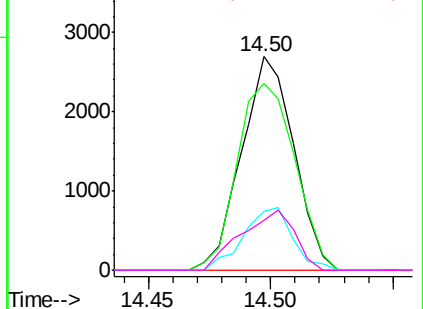
Tot Ion:180	Resp:	4021
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.3 115.9
184	27.7	24.4 36.6
145	28.9	22.4 33.6

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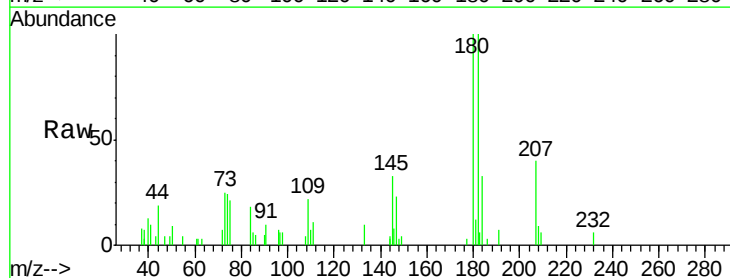


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

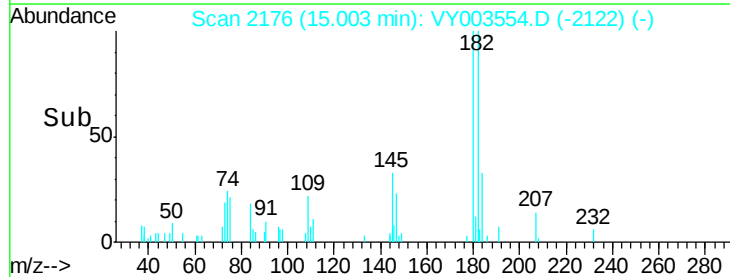
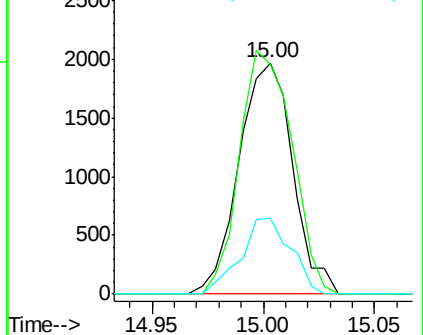


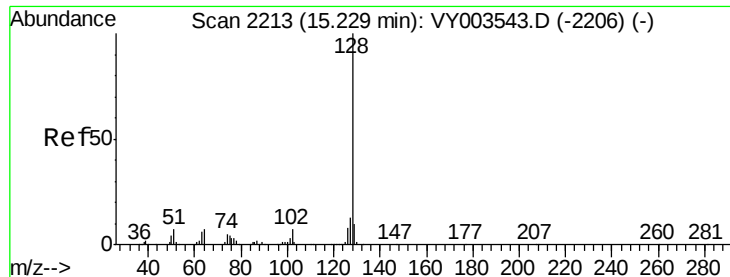
#68
 1,2,4-trichlorobenzene
 Concen: 1.197 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003554.D
 Acq: 19 Nov 2020 17:37

Tgt Ion:180	Resp:	3304
Ion Ratio	Lower	Upper
180	100	
182	103.3	76.5 114.7
145	30.7	22.8 34.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





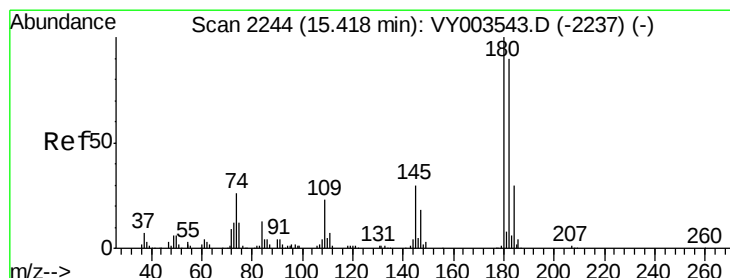
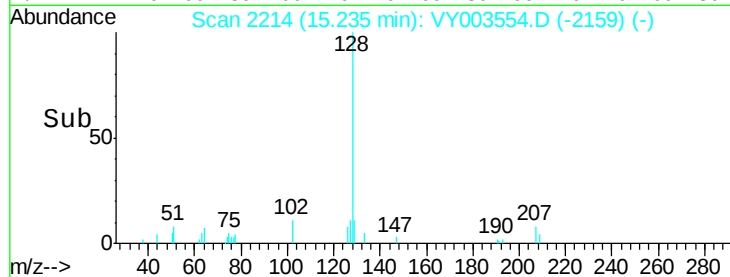
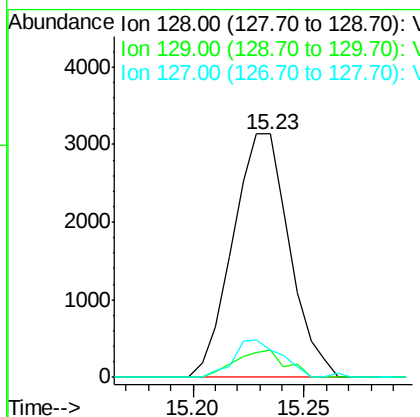
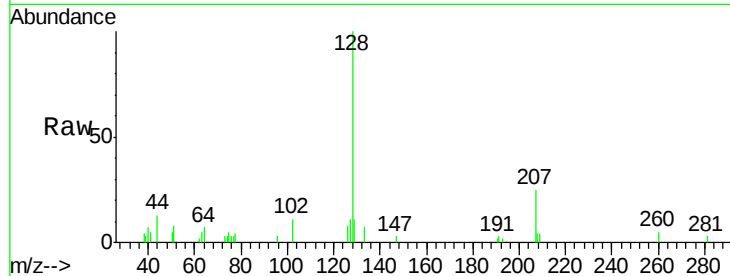
#69
Naphthalene
Concen: 1.141 ug/L
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL07

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.5	12.7
127	12.8	10.2	15.2

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#70
1,2,3-Trichlorobenzene
Concen: 1.221 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003554.D
Acq: 19 Nov 2020 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.5	114.7
145	28.9	25.2	37.8

