

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003004.D
 Acq On : 29 Jun 2020 13:03
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 12:54:12 PM

Quant Time: Jun 30 04:08:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	479094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	702743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	642945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	684822	143.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.84%	
35) Dibromofluoromethane	7.72	113	643782	146.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.70%	
50) Toluene-d8	10.18	98	2421364	148.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.52%	
62) 4-Bromofluorobenzene	12.48	95	837606	145.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	508228	140.072	ug/l	98
3) Chloromethane	2.12	50	680131	128.007	ug/l	99
4) Vinyl Chloride	2.26	62	735517	141.917	ug/l	96
5) Bromomethane	2.63	94	522683	148.536	ug/l	97
6) Chloroethane	2.79	64	467459	141.784	ug/l	97
7) Trichlorofluoromethane	3.13	101	1024732	140.085	ug/l	99
8) Diethyl Ether	3.53	74	339680	135.453	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	607930	139.186	ug/l	100
10) Methyl Iodide	4.10	142	804965	148.627	ug/l	99
11) Tert butyl alcohol	4.97	59	276703	570.601	ug/l	100
12) 1,1-Dichloroethene	3.88	96	585352	140.852	ug/l	96
13) Acrolein	3.73	56	268995	617.613	ug/l	99
14) Allyl chloride	4.49	41	1055323	145.445	ug/l	98
15) Acrylonitrile	5.18	53	847327	655.605	ug/l	100
16) Acetone	3.95	43	736089	655.905	ug/l	99
17) Carbon Disulfide	4.20	76	1863149	140.320	ug/l	99
18) Methyl Acetate	4.48	43	386119	127.705	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1690752	139.573	ug/l	100
20) Methylene Chloride	4.72	84	660027	105.373	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	661412	140.703	ug/l	96
22) Diisopropyl ether	6.13	45	2212466	142.267	ug/l	98
23) Vinyl Acetate	6.07	43	7212362	693.680	ug/l	100
24) 1,1-Dichloroethane	6.03	63	1209460	142.371	ug/l	99
25) 2-Butanone	6.99	43	1142266	640.750	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1063095	137.737	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	750459	142.334	ug/l	99
28) Bromochloromethane	7.34	49	561534	148.560	ug/l	97
29) Tetrahydrofuran	7.35	42	757389	638.877	ug/l	100
30) Chloroform	7.52	83	1185813	140.900	ug/l	97
31) Cyclohexane	7.79	56	1102582	131.748	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	1084234	141.139	ug/l	100
36) 1,1-Dichloropropene	7.93	75	956683	141.331	ug/l	99
37) Ethyl Acetate	7.08	43	522617	128.409	ug/l	100
38) Carbon Tetrachloride	7.91	117	996348	141.470	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1176812	140.218	ug/l	98
40) Benzene	8.16	78	2625281	141.662	ug/l	98
41) Methacrylonitrile	7.32	41	280390m	56.168	ug/l	
42) 1,2-Dichloroethane	8.24	62	814206	138.880	ug/l	99
43) Isopropyl Acetate	8.28	43	1044343	134.977	ug/l	99
44) Trichloroethene	8.94	130	764751	141.978	ug/l	98
45) 1,2-Dichloropropane	9.22	63	701435	140.687	ug/l	97
46) Dibromomethane	9.31	93	378326	135.862	ug/l	99
47) Bromodichloromethane	9.50	83	965586	141.612	ug/l	98
48) Methyl methacrylate	9.30	41	482562	137.023	ug/l	99
49) 1,4-Dioxane	9.30	88	89994	2647.496	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	2601233	650.469	ug/l	100
52) Toluene	10.24	92	1650159	141.451	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1017928	142.392	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	1160323	141.923	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	527786	136.396	ug/l	97
56) Ethyl methacrylate	10.51	69	771806	137.790	ug/l	97
57) 1,3-Dichloropropane	10.79	76	931816	137.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	2087437	726.631	ug/l	100
59) 2-Hexanone	10.83	43	1784755	638.514	ug/l	99
60) Dibromochloromethane	10.99	129	687804	138.896	ug/l	100
61) 1,2-Dibromoethane	11.09	107	514685	134.918	ug/l	99
64) Tetrachloroethene	10.72	164	775528	142.520	ug/l	98
65) Chlorobenzene	11.52	112	1793414	141.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	712730	143.996	ug/l	100
67) Ethyl Benzene	11.59	91	3327188	143.457	ug/l	99
68) m/p-Xylenes	11.70	106	2480104	287.316	ug/l	100
69) o-Xylene	12.03	106	1166003	143.347	ug/l	99
70) Styrene	12.04	104	2016712	145.127	ug/l	100
71) Bromoform	12.20	173	449438	136.176	ug/l	99
73) Isopropylbenzene	12.33	105	3137736	148.397	ug/l	99
74) N-amyl acetate	12.14	43	953942	138.586	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	577684	135.385	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	433222m	78.450	ug/l	
77) Bromobenzene	12.61	156	792783	146.233	ug/l	98
78) n-propylbenzene	12.67	91	3685431	144.931	ug/l	100
79) 2-Chlorotoluene	12.75	91	2071135	145.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2597912	146.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	229872	139.870	ug/l	96
82) 4-Chlorotoluene	12.85	91	2154623	145.799	ug/l	100
83) tert-Butylbenzene	13.08	119	2247804	144.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2603308	145.608	ug/l	100
85) sec-Butylbenzene	13.25	105	3076339	143.257	ug/l	100
86) p-Isopropyltoluene	13.37	119	2893421	145.409	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1477816	146.008	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1415499	141.826	ug/l	99
89) n-Butylbenzene	13.70	91	2695815	141.598	ug/l	99
90) Hexachloroethane	13.96	117	572362	144.856	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	1276761	140.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	97233	128.725	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	935618	138.654	ug/l	100
94) Hexachlorobutadiene	15.11	225	590234	138.672	ug/l	99
95) Naphthalene	15.23	128	1660978	134.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	812724	138.704	ug/l	99

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

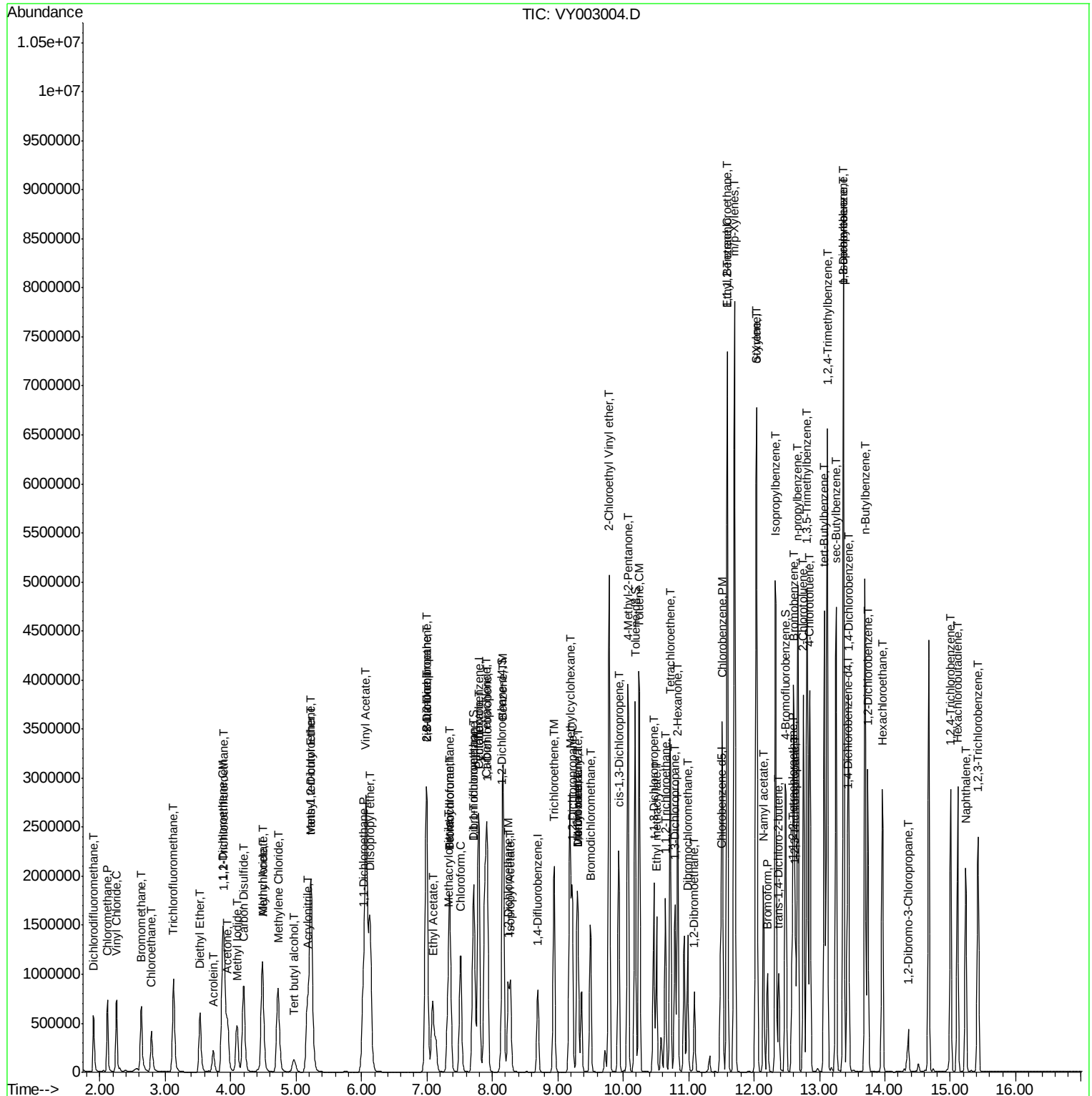
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003004.D
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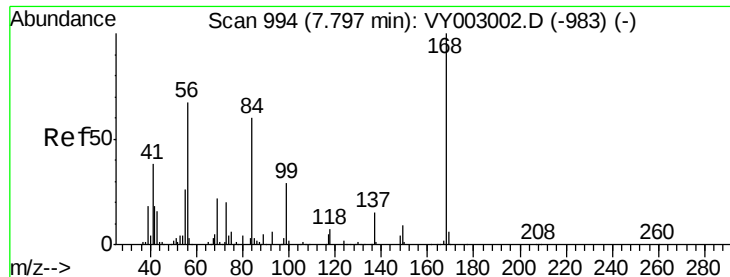
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 479094

Ion Ratio Lower Upper

168 100

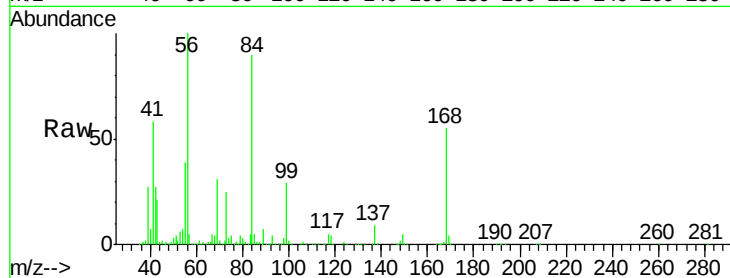
99 51.5 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

300000

250000

200000

150000

100000

50000

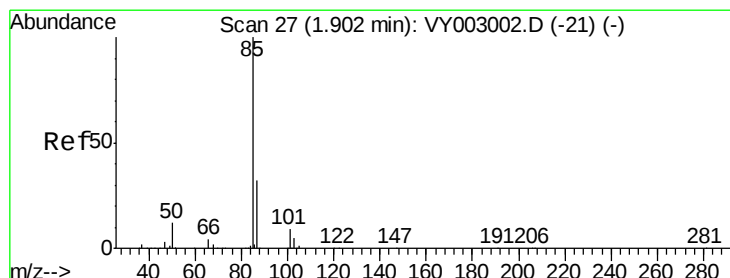
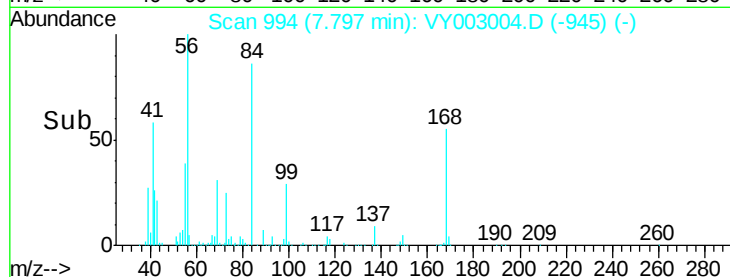
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 140.072 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003004.D

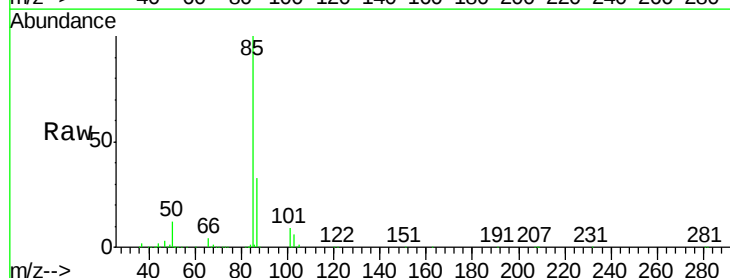
Acq: 29 Jun 2020 13:03

Tgt Ion: 85 Resp: 508228

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

300000

200000

100000

0

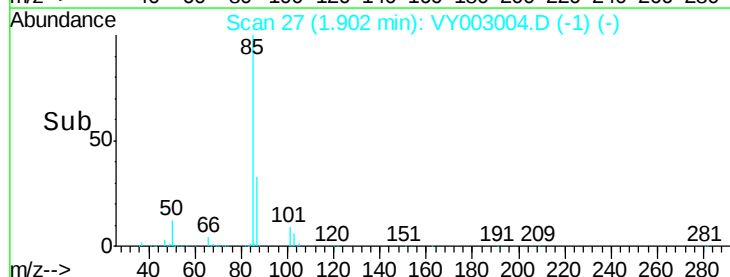
1.80

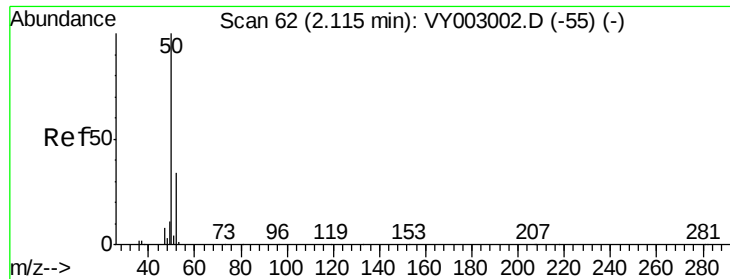
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 128.007 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 680131

Ion Ratio Lower Upper

50 100

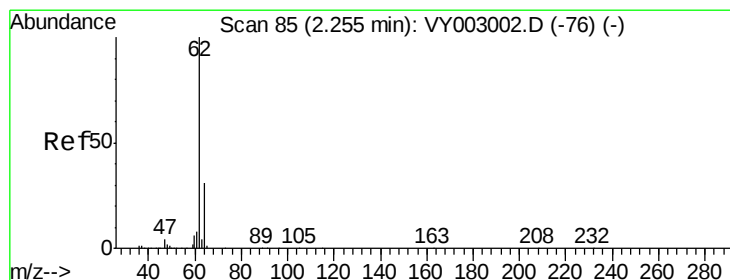
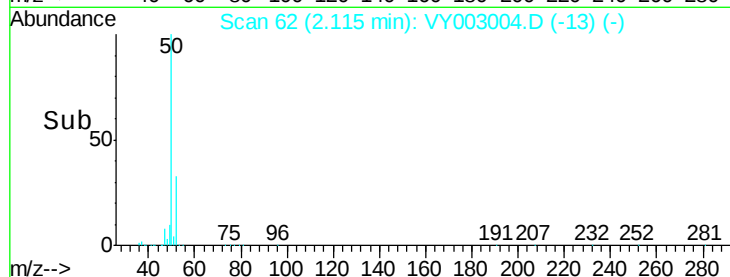
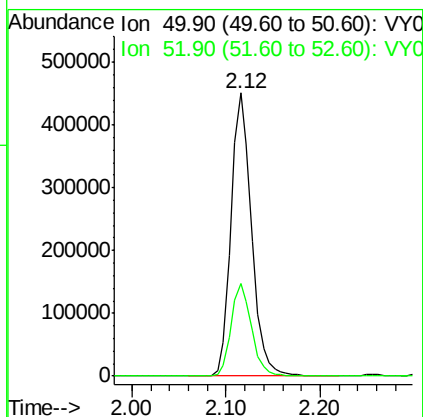
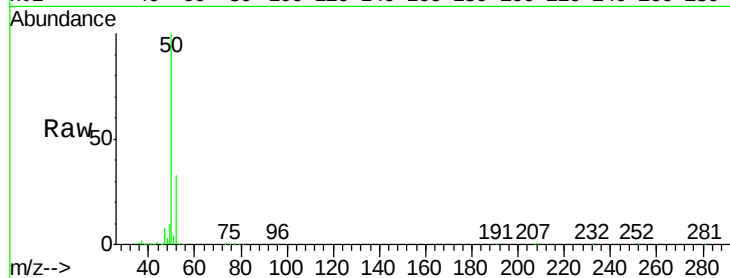
52 32.8 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 141.917 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003004.D

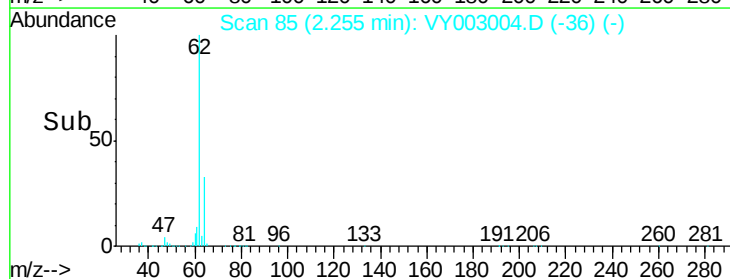
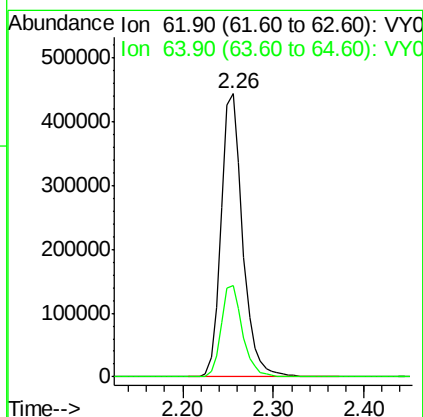
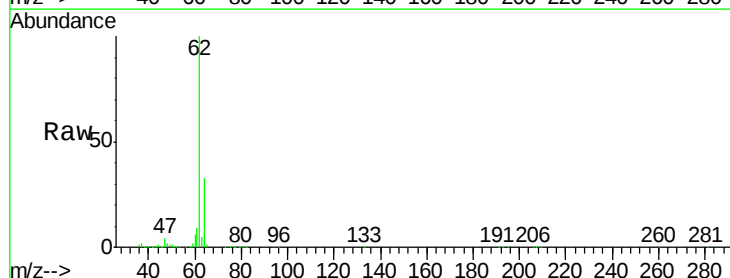
Acq: 29 Jun 2020 13:03

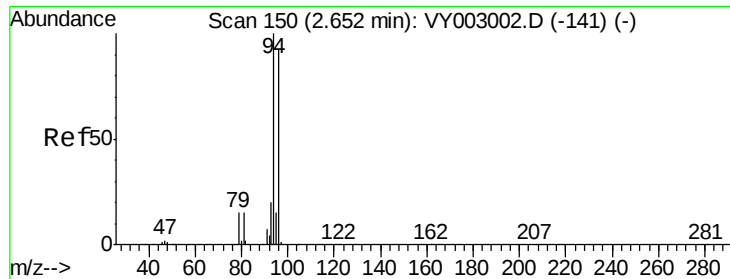
Tgt Ion: 62 Resp: 735517

Ion Ratio Lower Upper

62 100

64 32.5 24.4 36.6





#5

Bromomethane

Concen: 148.536 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 522683

Ion Ratio Lower Upper

94 100

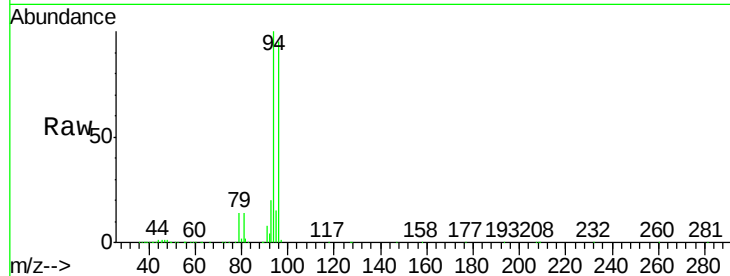
96 94.9 73.4 110.2

Manual Integrations

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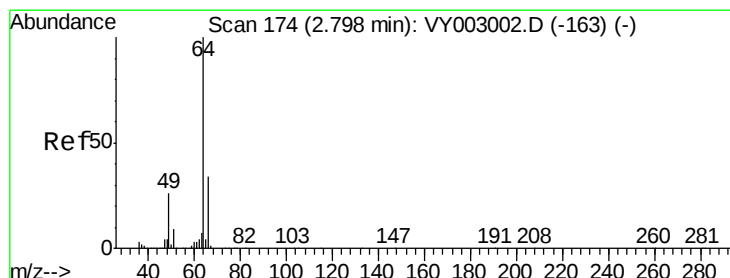
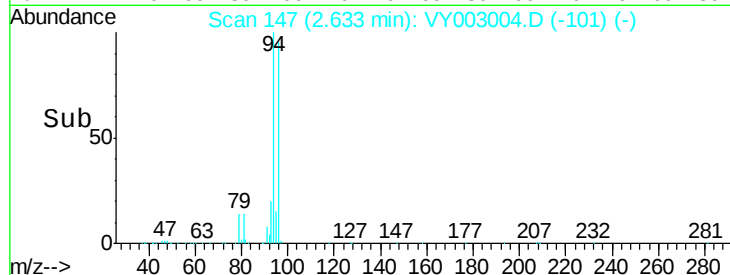
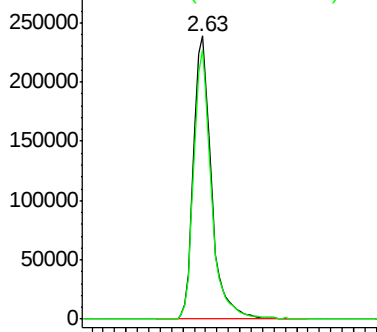
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 141.784 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003004.D

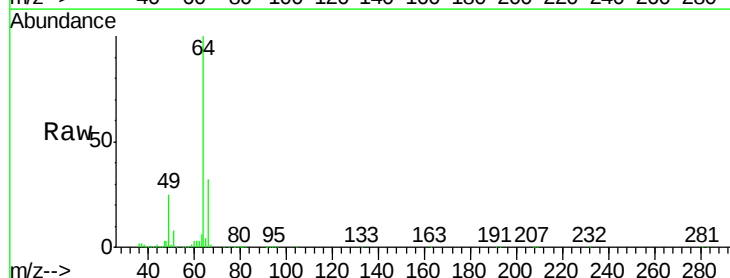
Acq: 29 Jun 2020 13:03

Tgt Ion: 64 Resp: 467459

Ion Ratio Lower Upper

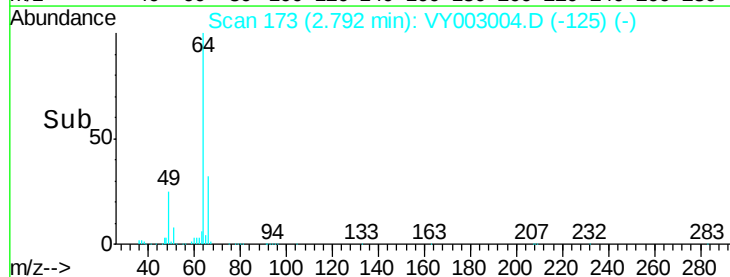
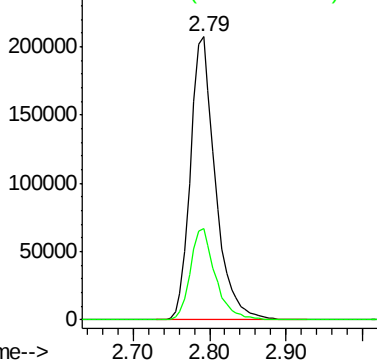
64 100

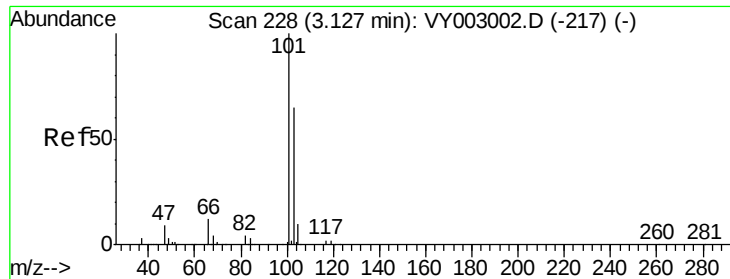
66 32.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

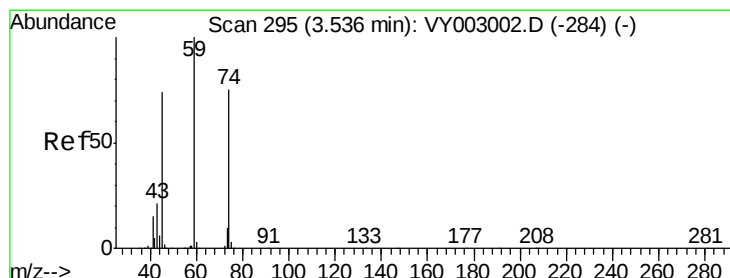
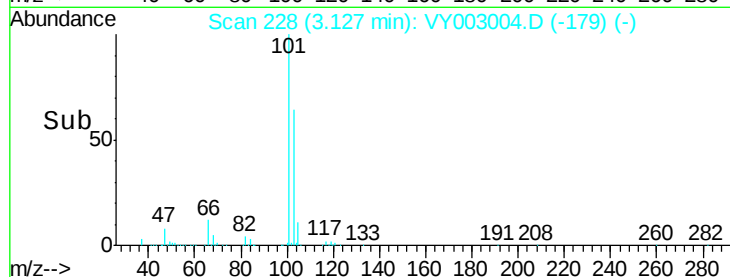
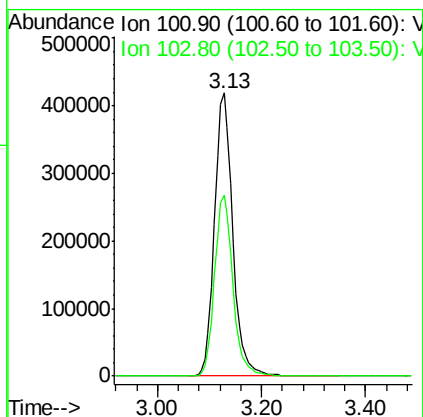
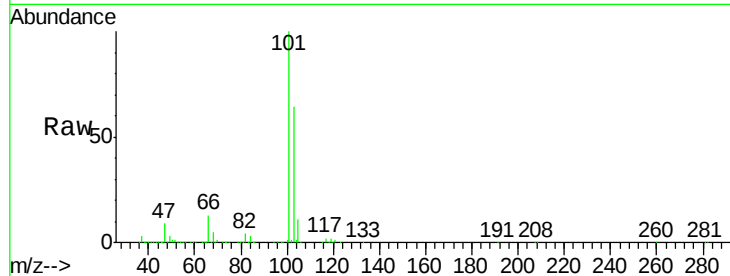
Trichlorofluoromethane
 Concen: 140.085 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.6	77.4

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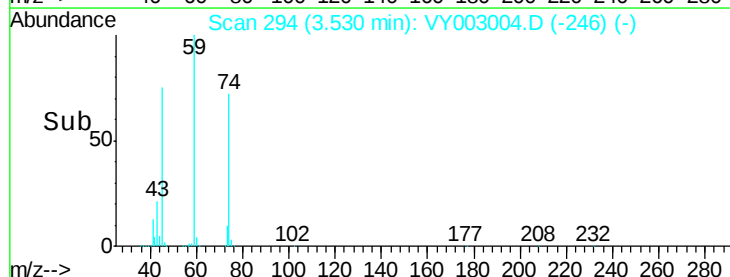
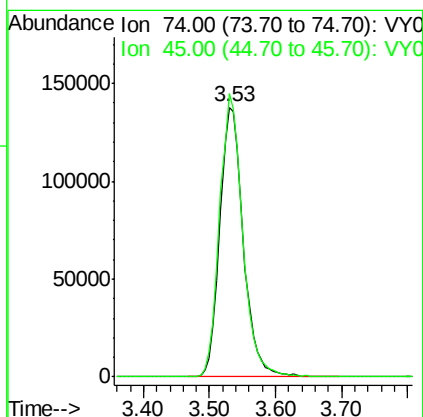
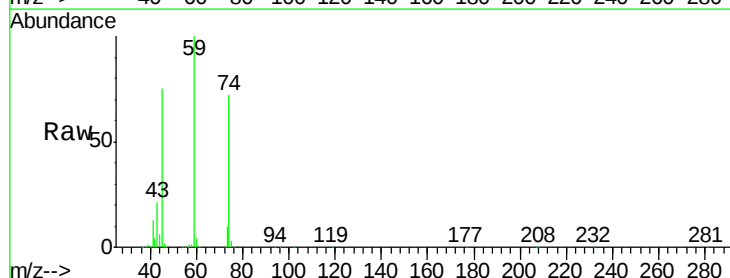
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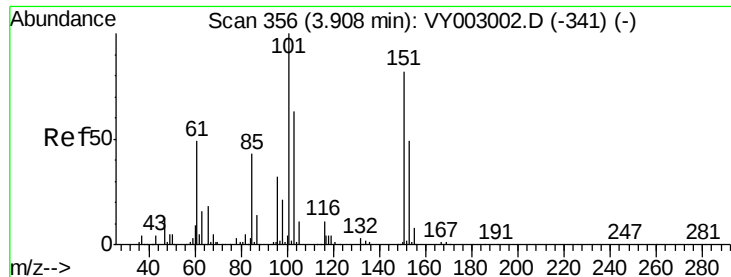


#8

Diethyl Ether
 Concen: 135.453 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.186 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

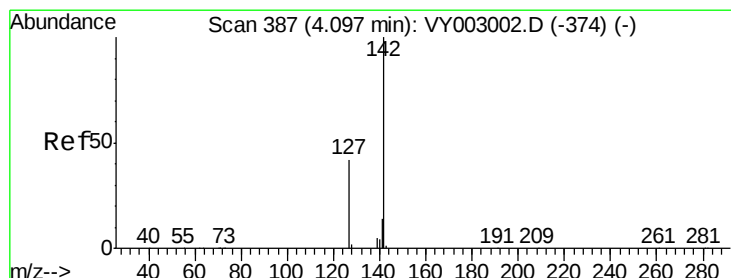
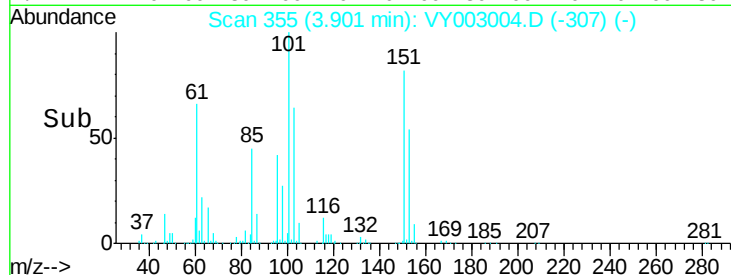
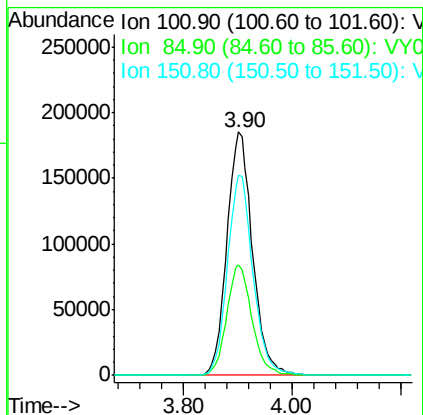
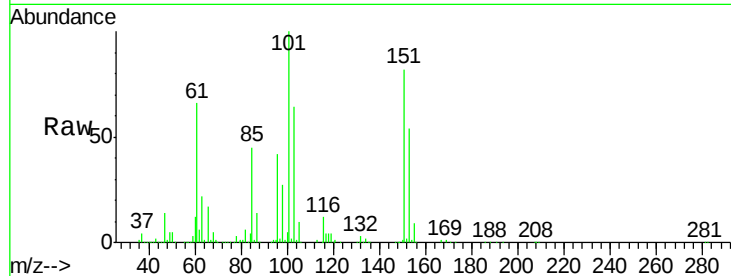
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	607930
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.5	53.3
151	81.9	65.5	98.3

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#10

Methyl Iodide

Concen: 148.627 ug/l

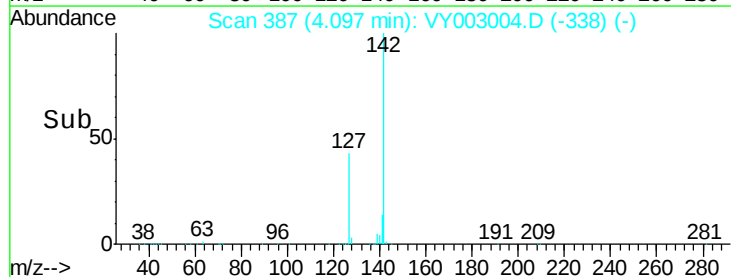
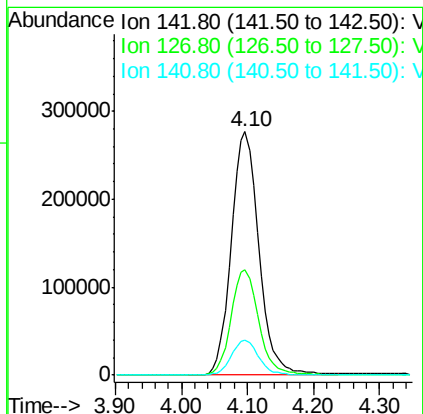
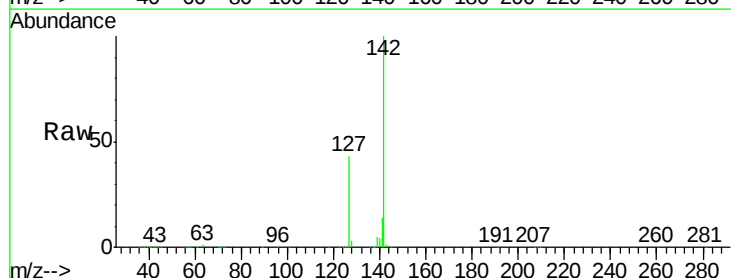
RT: 4.10 min Scan# 387

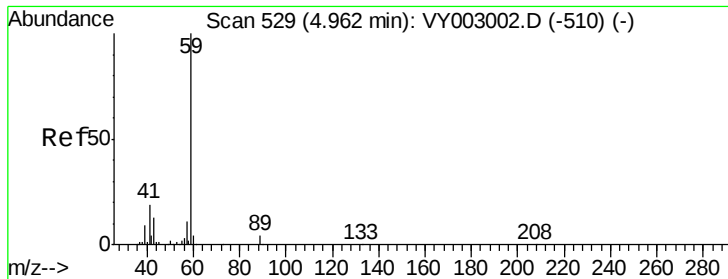
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	142	Resp:	804965
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.2	51.2
141	14.3	11.7	17.5





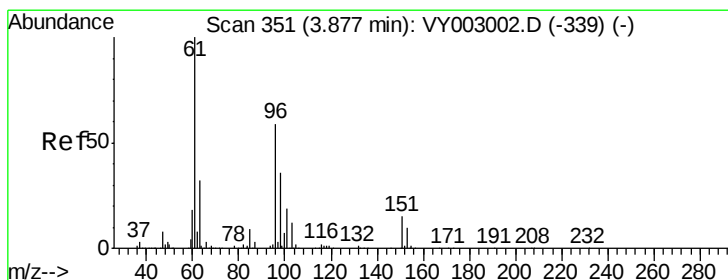
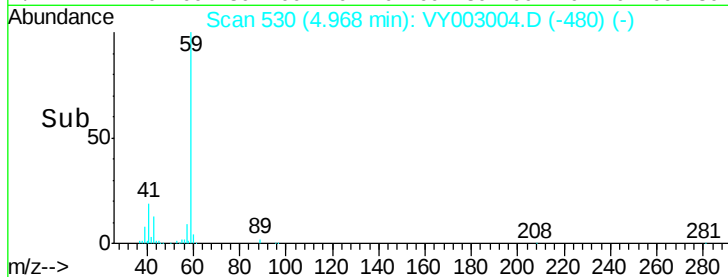
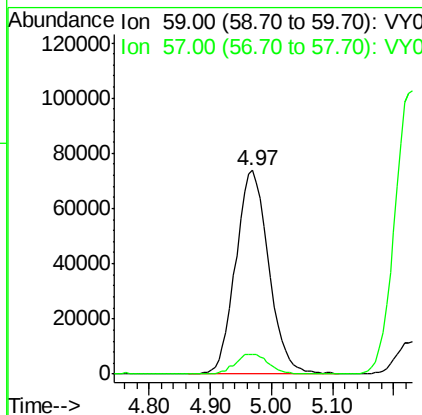
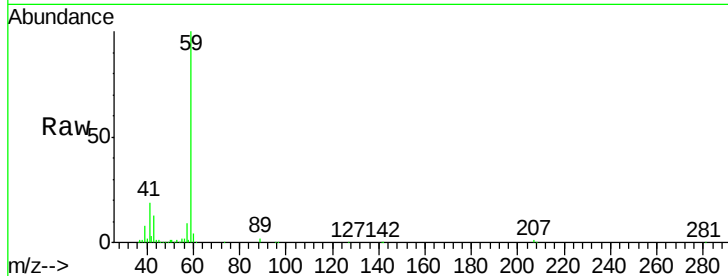
#11
Tert butyl alcohol
Concen: 570.601 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 276703
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

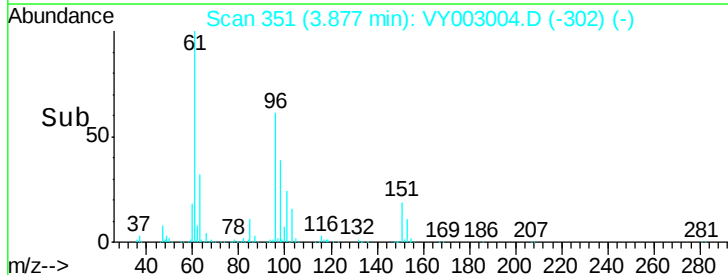
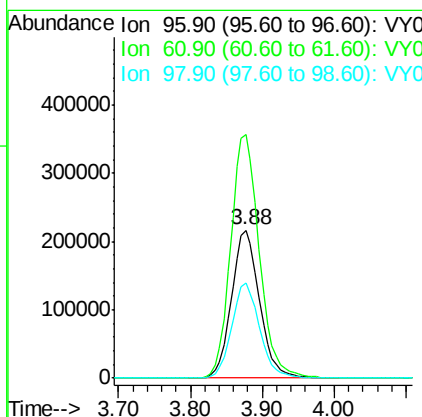
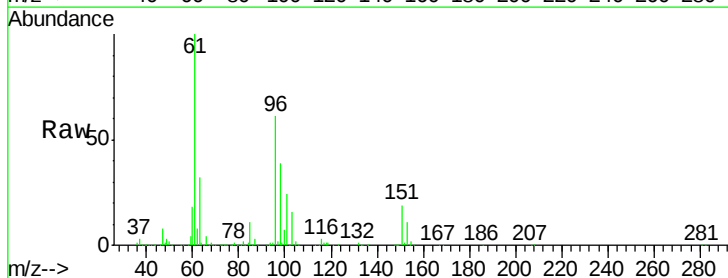
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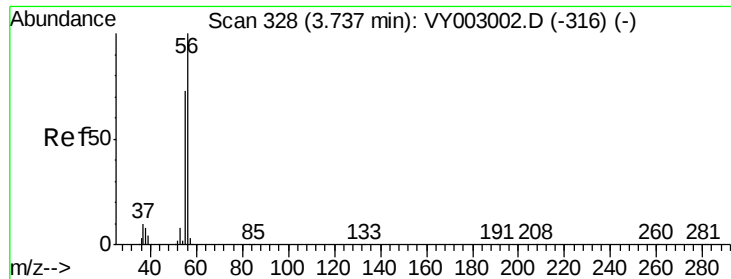
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#12
1,1-Dichloroethene
Concen: 140.852 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion: 96 Resp: 585352
Ion Ratio Lower Upper
96 100
61 164.9 136.7 205.1
98 64.7 49.7 74.5





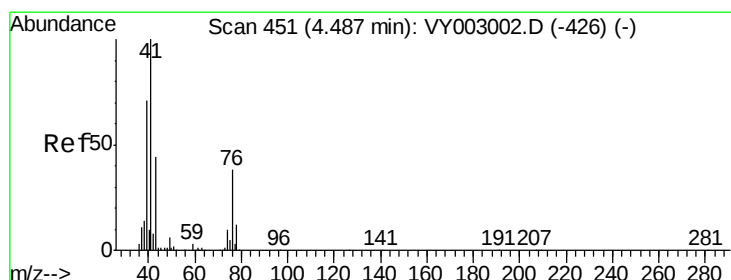
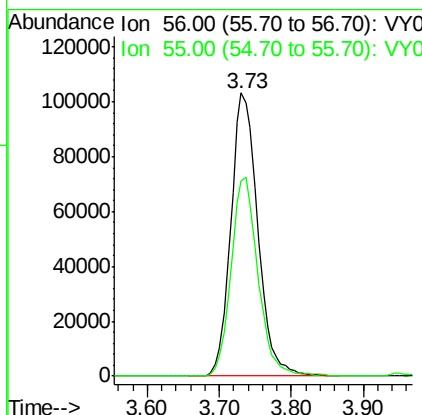
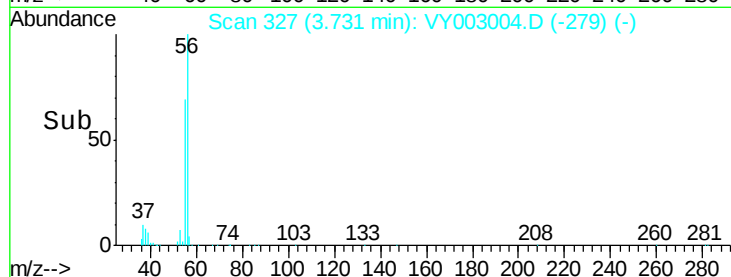
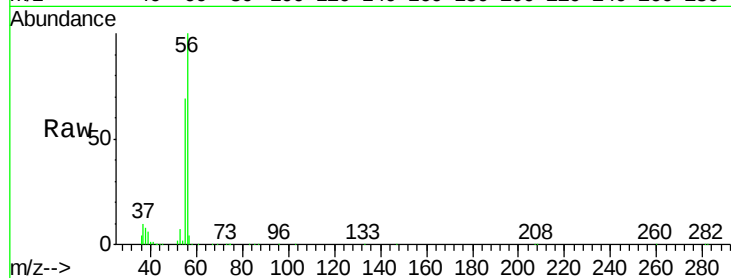
#13
Acrolein
Concen: 617.613 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.4	84.6

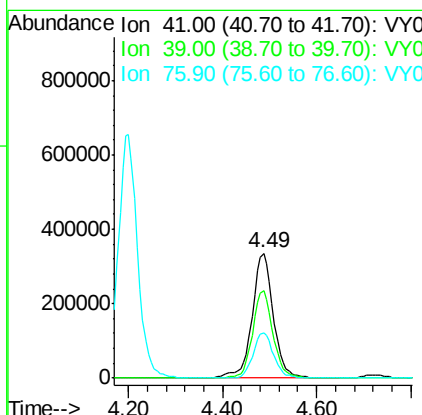
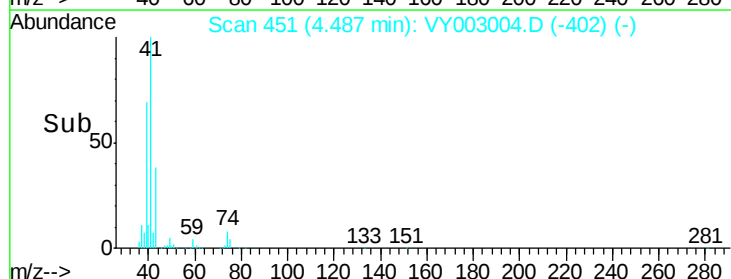
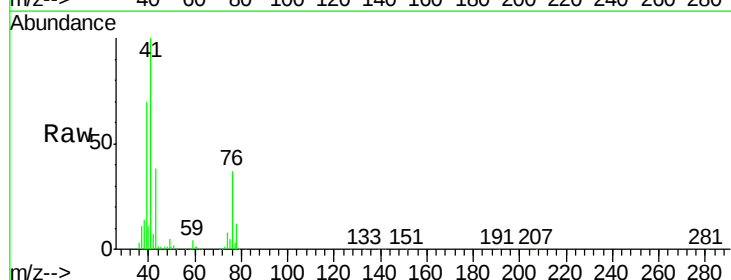
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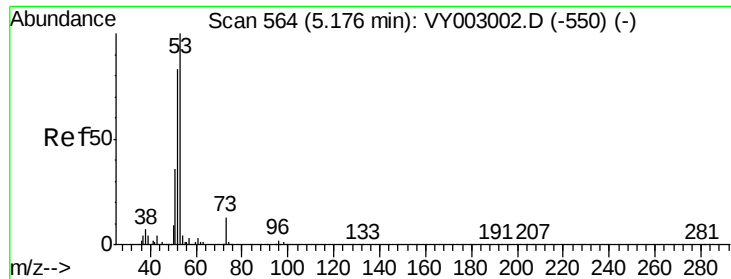
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#14
Allyl chloride
Concen: 145.445 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.5	55.6	83.4
76	34.9	28.6	43.0





#15

Acrylonitrile

Concen: 655.605 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

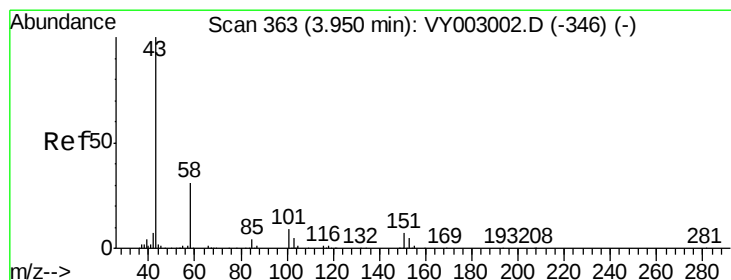
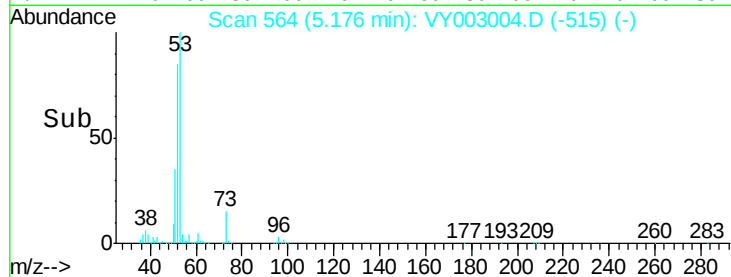
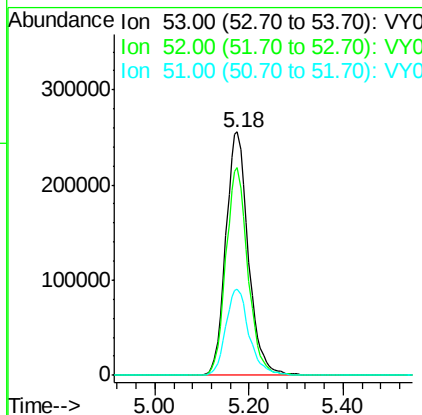
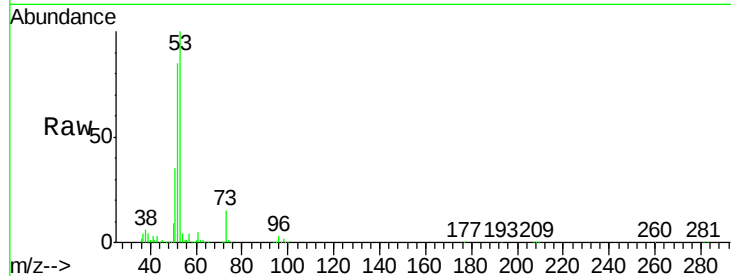
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	847327
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 655.905 ug/l

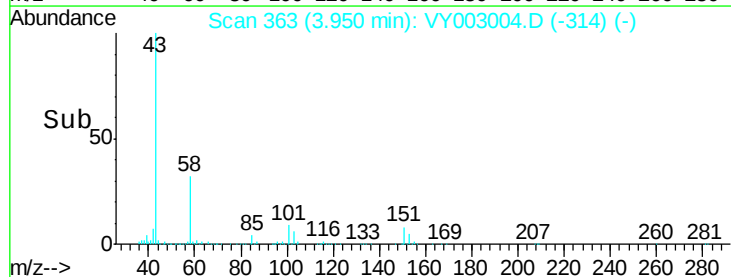
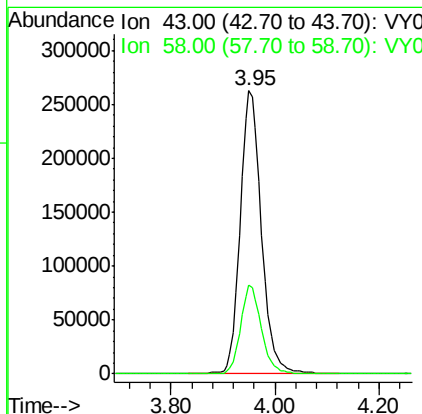
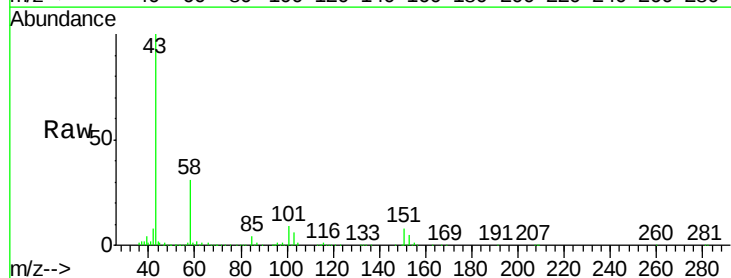
RT: 3.95 min Scan# 363

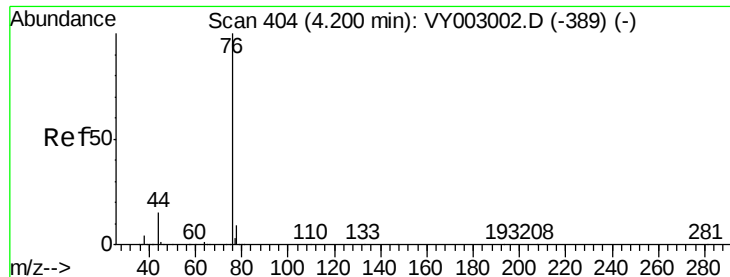
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	43	Resp:	736089
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.7	37.1





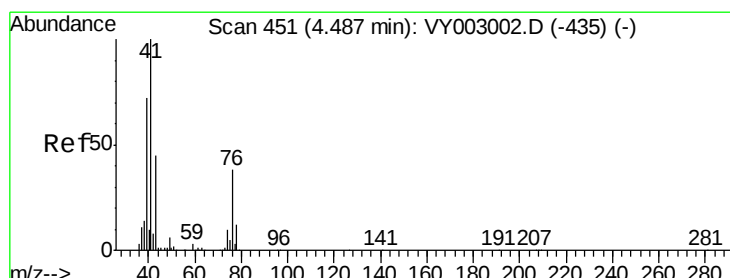
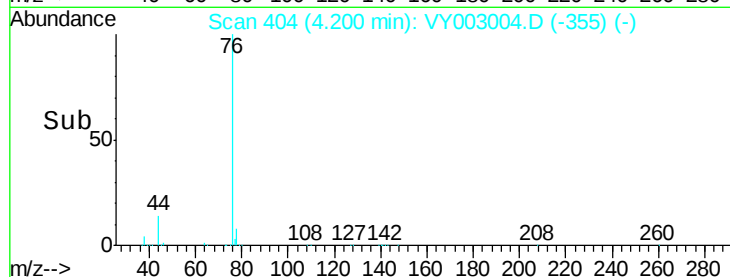
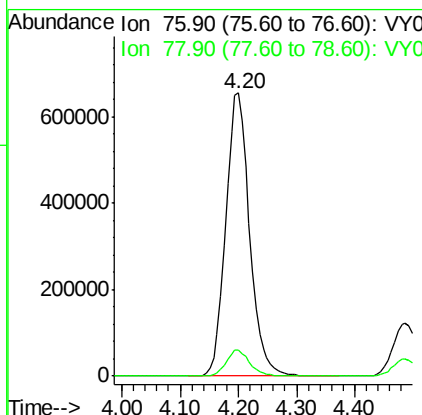
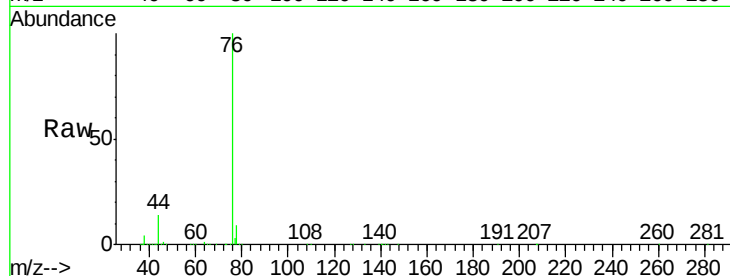
#17
Carbon Disulfide
Concen: 140.320 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1863149
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

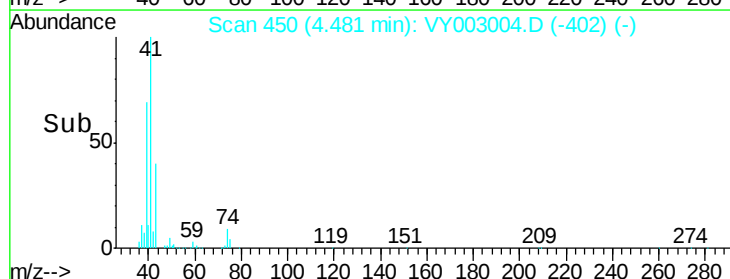
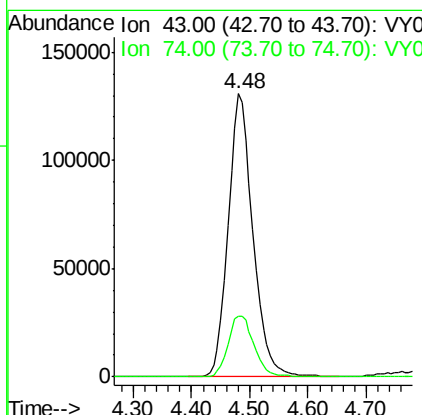
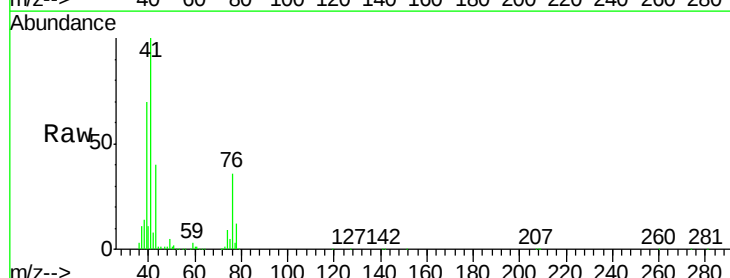
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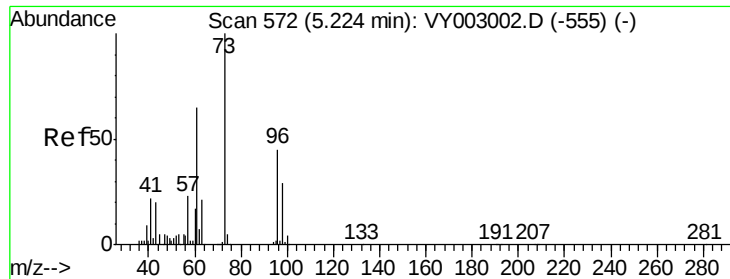
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#18
Methyl Acetate
Concen: 127.705 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion: 43 Resp: 386119
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.4





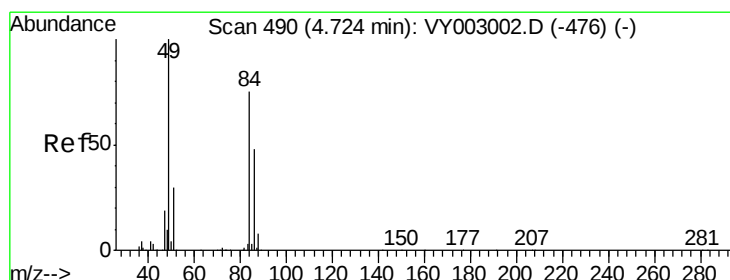
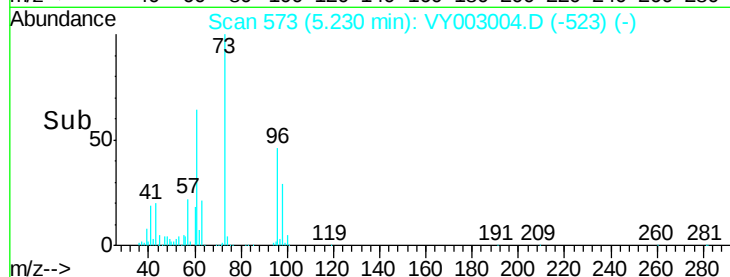
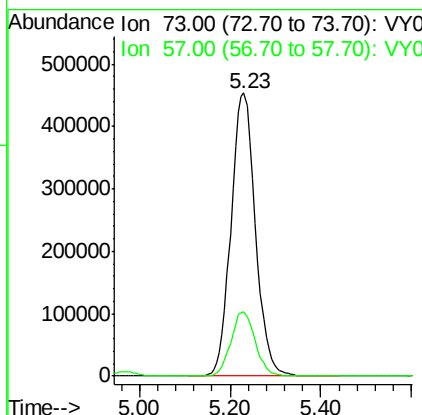
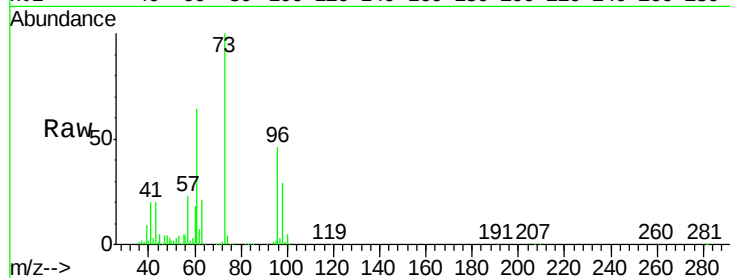
#19
Methvl tert-butvl Ether
Concen: 139.573 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1690752
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2

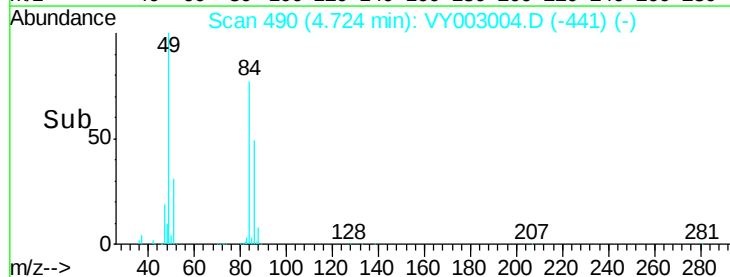
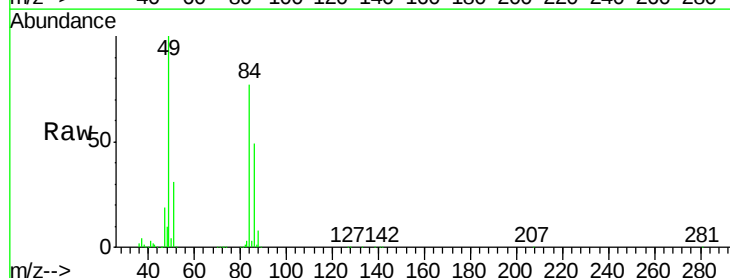
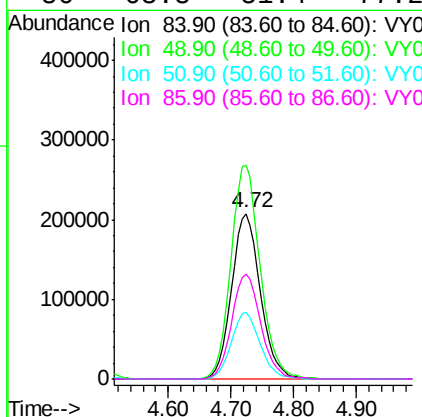
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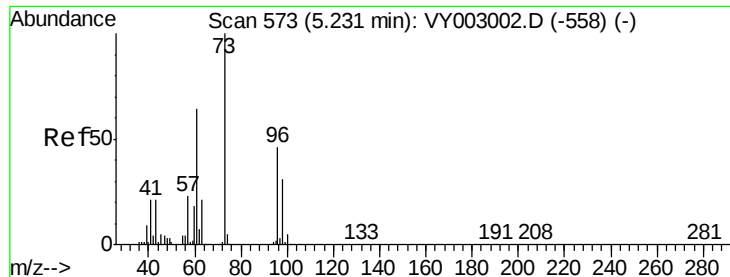
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#20
Methylene Chloride
Concen: 105.373 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion: 84 Resp: 660027
Ion Ratio Lower Upper
84 100
49 129.1 106.8 160.2
51 40.4 32.0 48.0
86 63.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 140.703 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

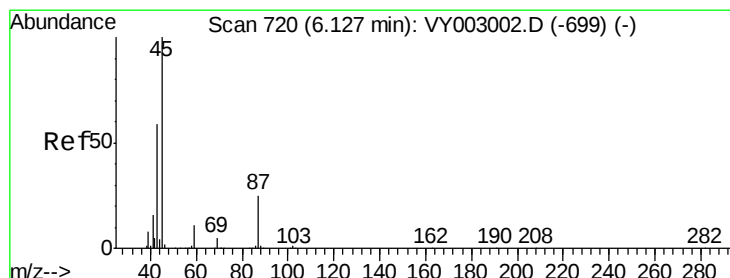
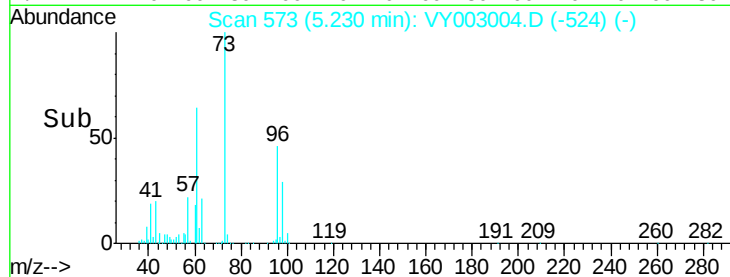
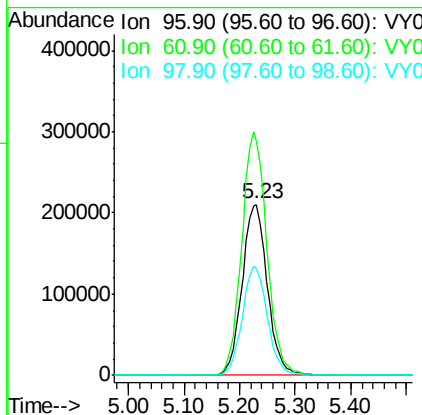
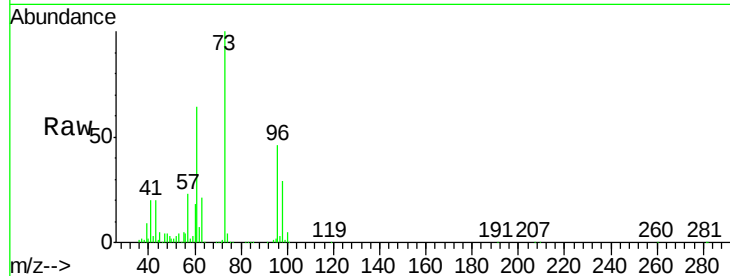
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	661412
Ion	Ratio	Lower	Upper
96	100		
61	137.4	112.3	168.5
98	62.7	53.8	80.8

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#22

Diisopropyl ether

Concen: 142.267 ug/l

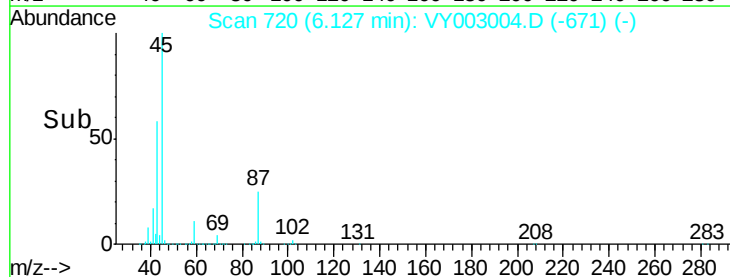
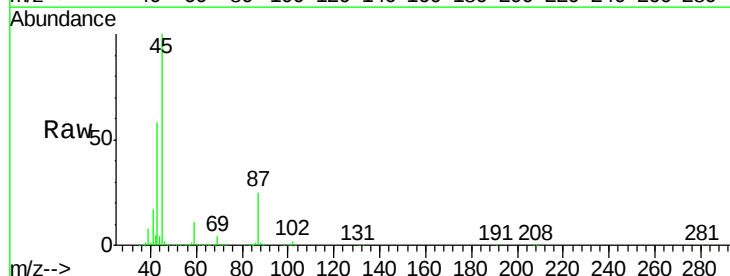
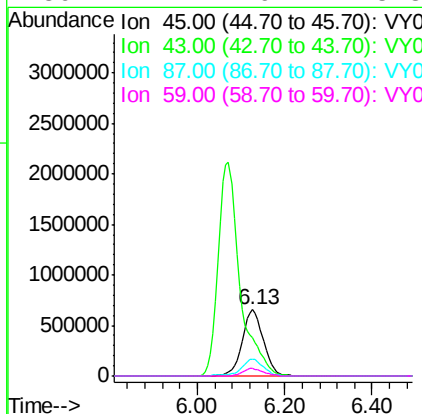
RT: 6.13 min Scan# 720

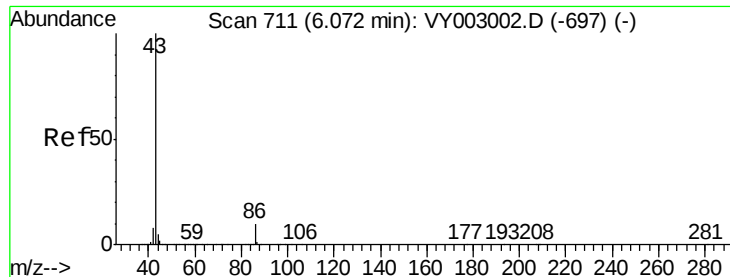
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	45	Resp:	2212466
Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.4	71.2
87	25.0	20.2	30.2
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 693.680 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tot Ion: 43 Resp: 7212362

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1

Instrument :

MSVOA_Y

ClientSampleId :

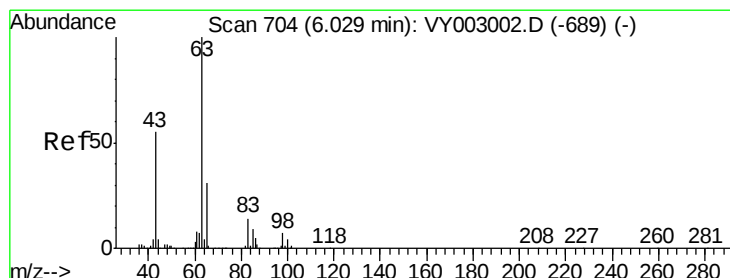
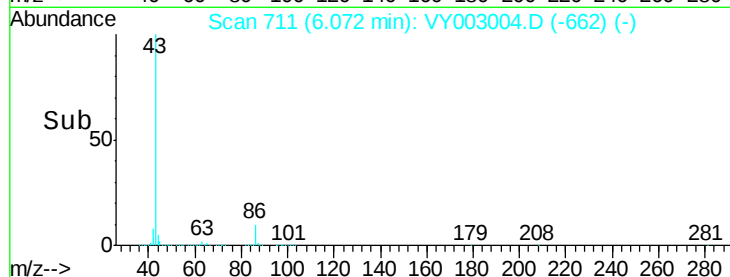
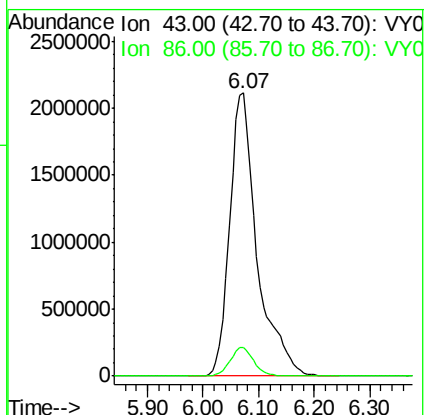
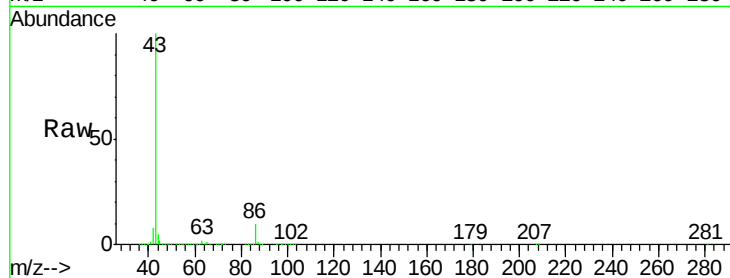
VSTDIC150

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#24

1,1-Dichloroethane

Concen: 142.371 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

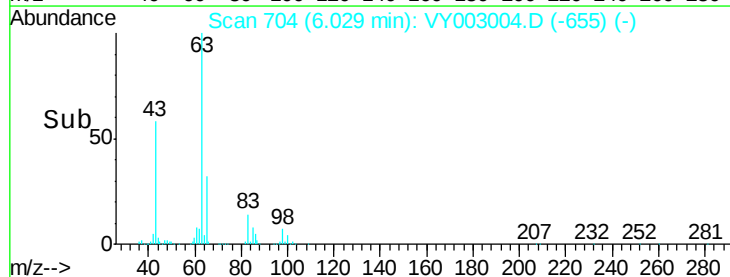
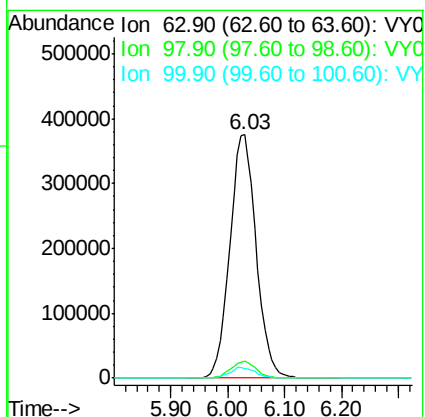
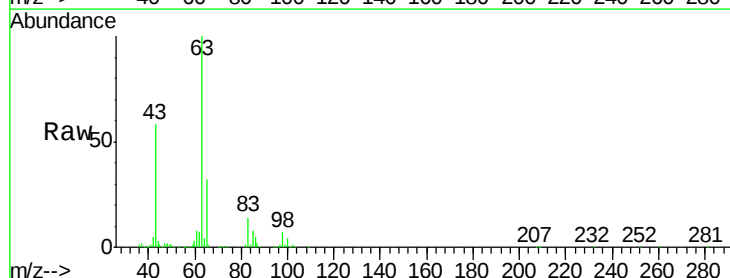
Tgt Ion: 63 Resp: 1209460

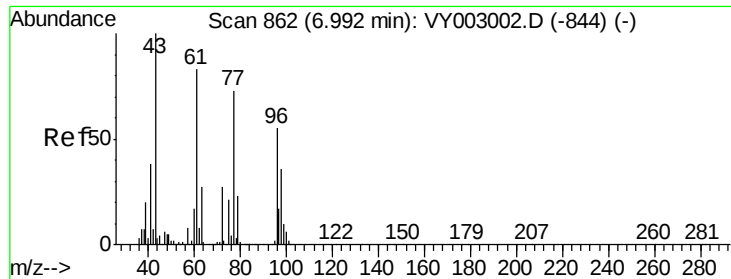
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 640.750 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 1142266

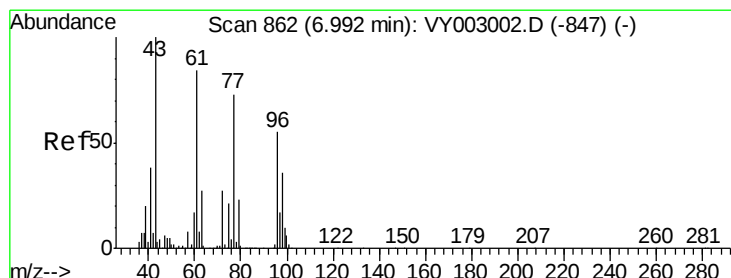
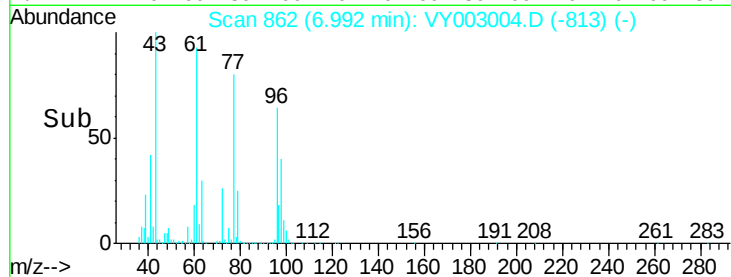
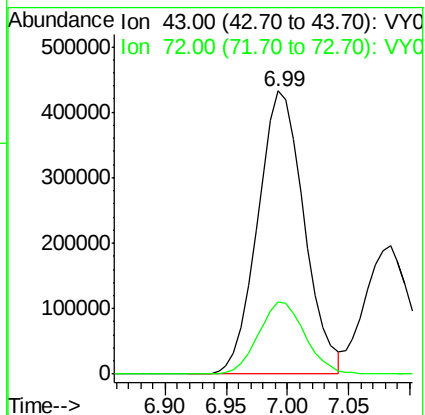
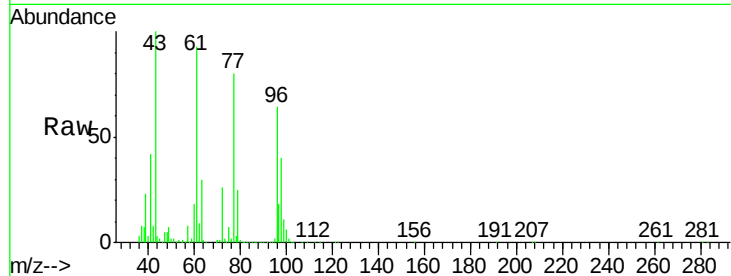
Ion Ratio Lower Upper

43 100

72 25.6 21.4 32.0

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#26

2,2-Dichloropropane

Concen: 137.737 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003004.D

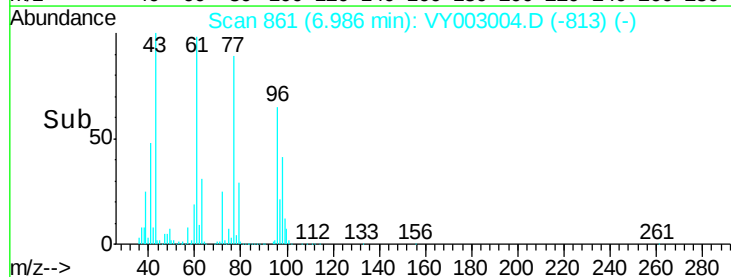
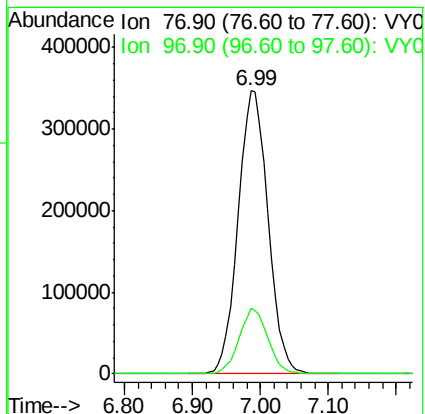
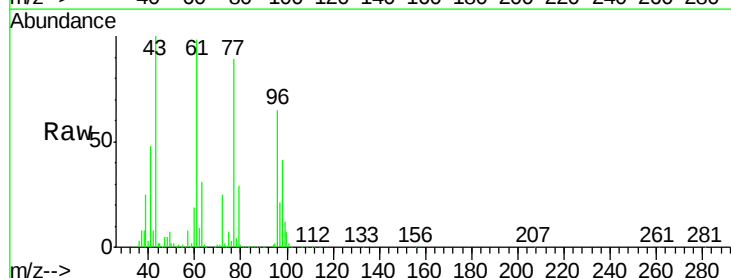
Acq: 29 Jun 2020 13:03

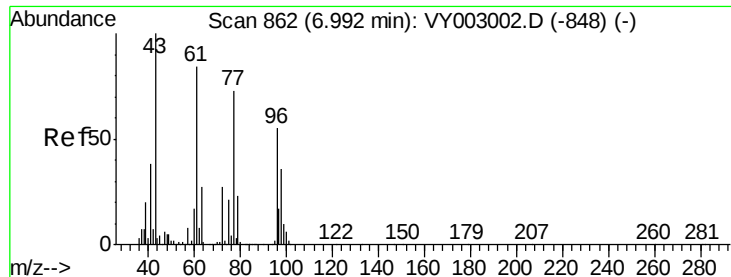
Tgt Ion: 77 Resp: 1063095

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

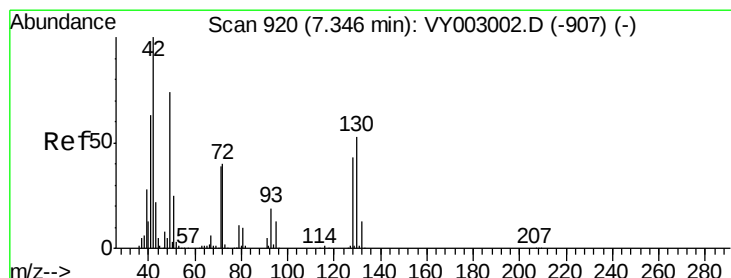
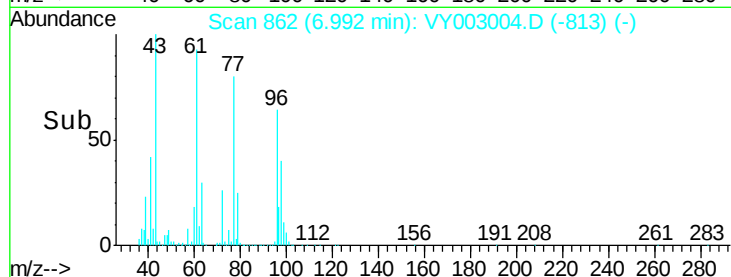
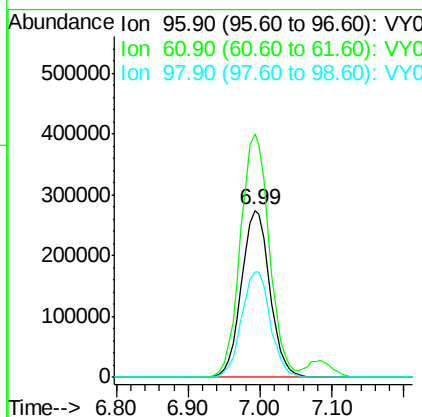
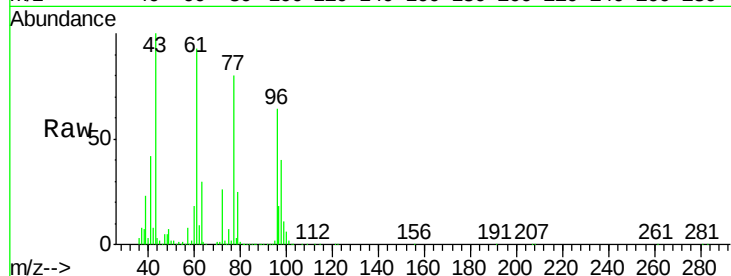
cis-1,2-Dichloroethene
Concen: 142.334 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.3	0.0	301.2	
98	64.1	0.0	129.0	

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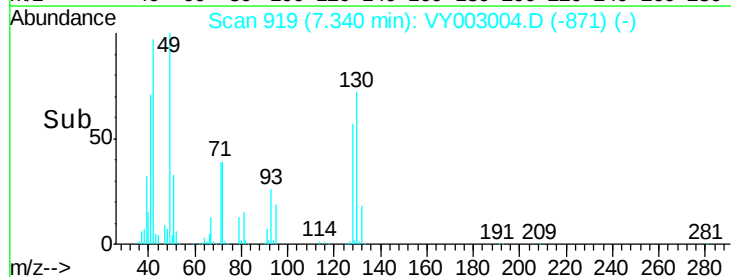
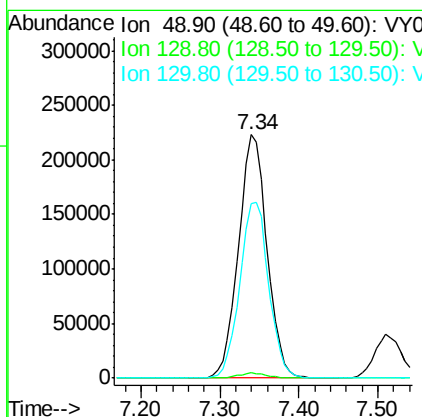
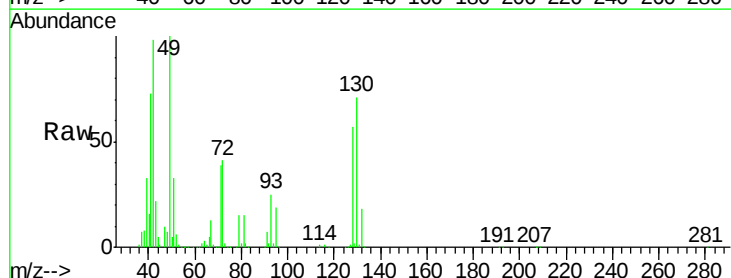
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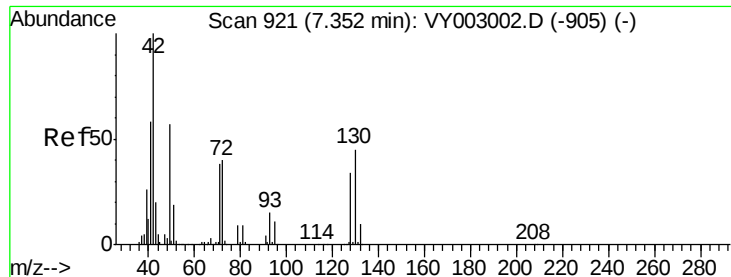


#28

Bromochloromethane
Concen: 148.560 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.4	
130	73.5	57.0	85.6	





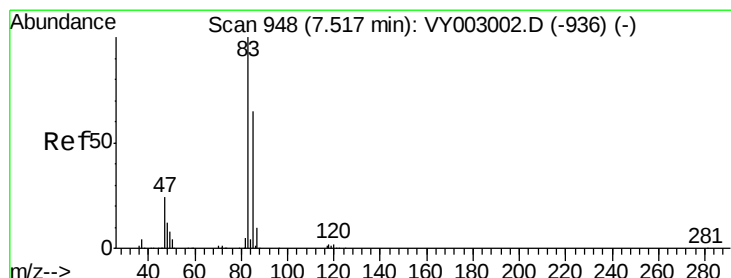
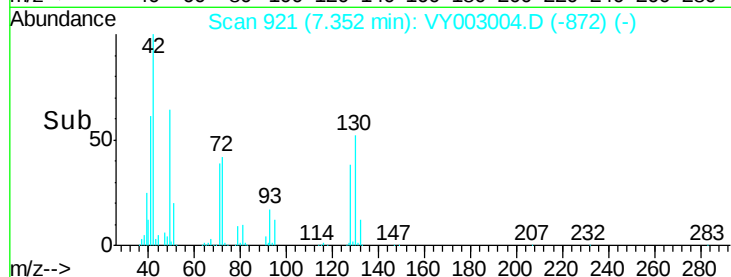
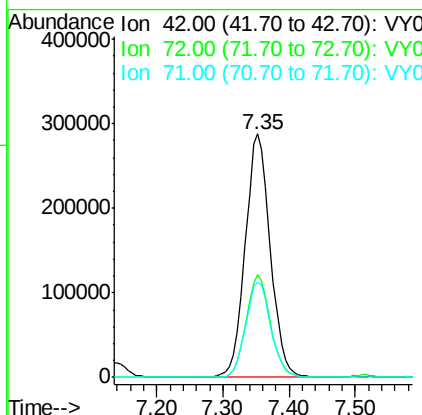
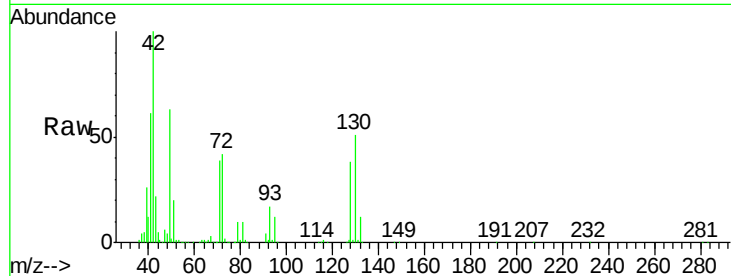
#29
Tetrahydrofuran
Concen: 638.877 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.9	49.3
71	39.3	31.2	46.8

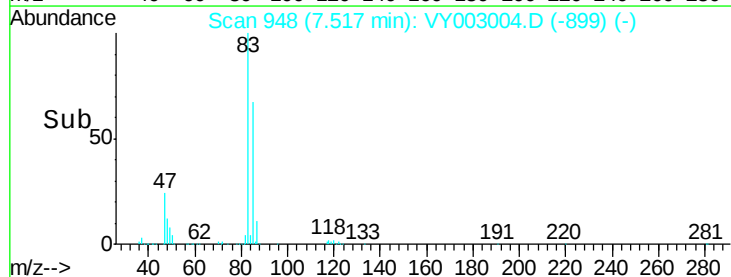
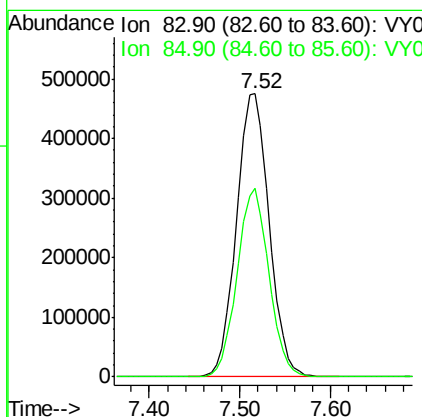
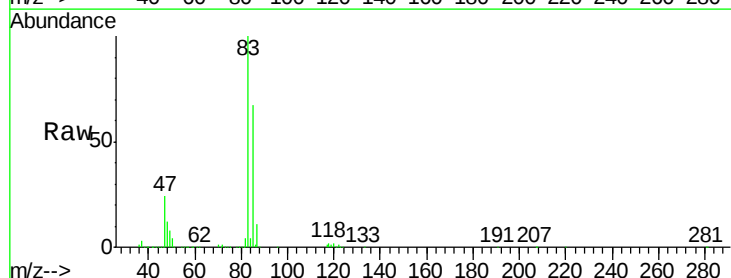
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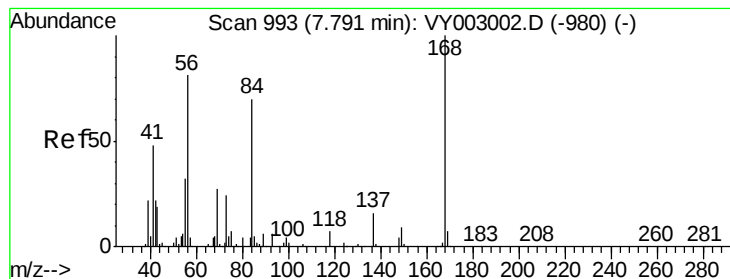
MMDadoda
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#30
Chloroform
Concen: 140.900 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.7	77.5





#31

Cyclohexane

Concen: 131.748 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1102582

Ion Ratio Lower Upper

56 100

69 29.8 27.0 40.4

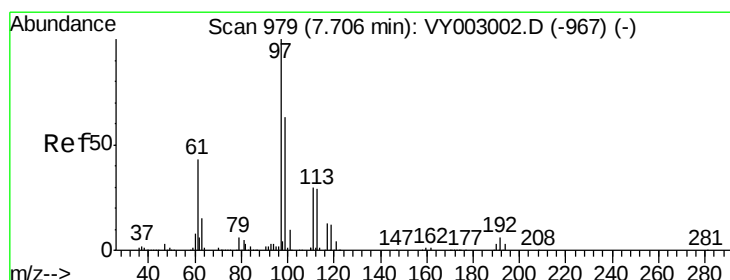
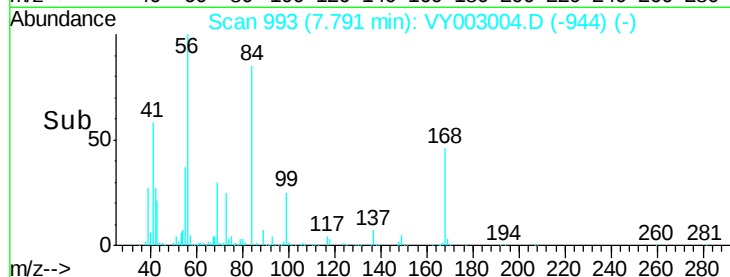
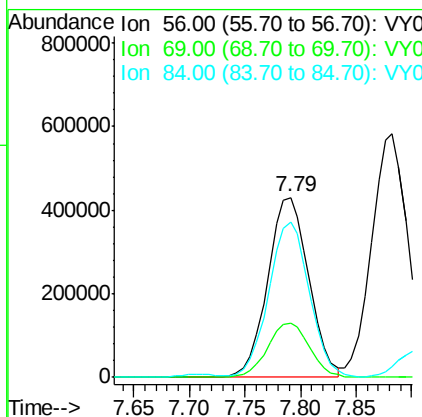
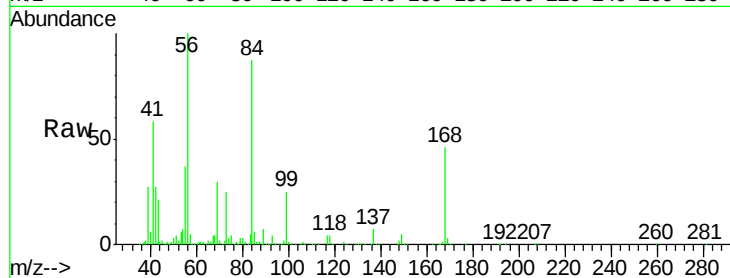
84 85.1 68.1 102.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 141.139 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

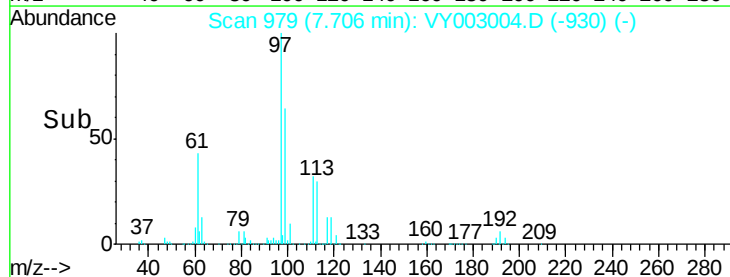
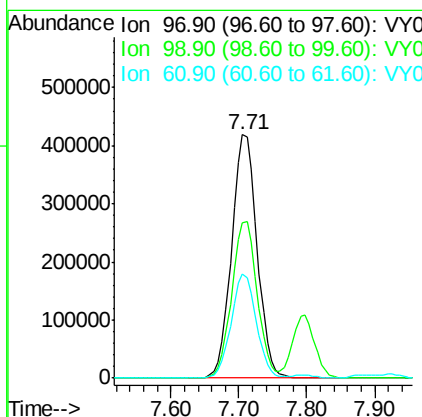
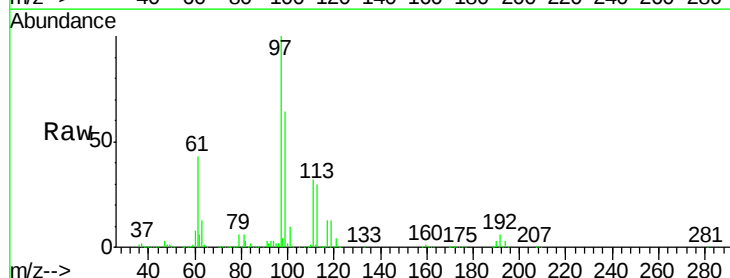
Tgt Ion: 97 Resp: 1084234

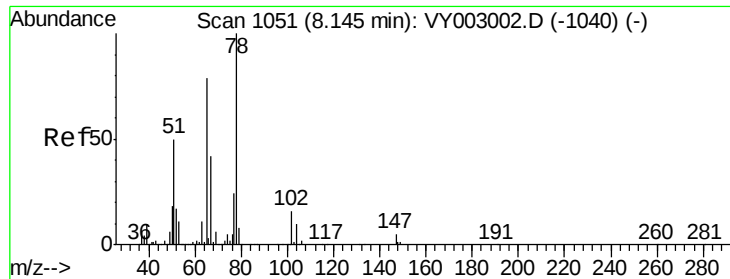
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 42.4 33.9 50.9





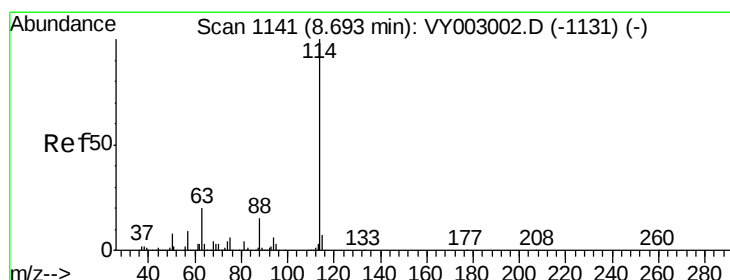
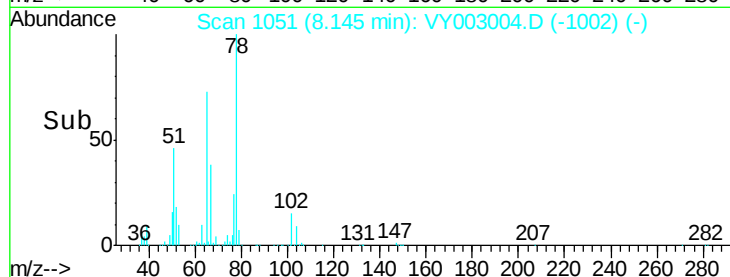
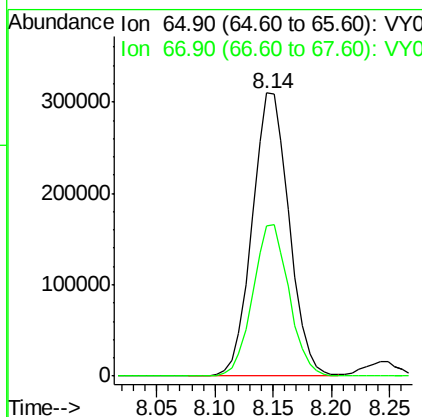
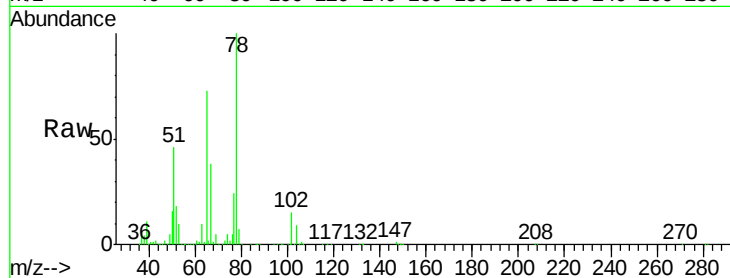
#33
 1,2-Dichloroethane-d4
 Concen: 143.919 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	684822		
67	52.6	0.0	105.6	

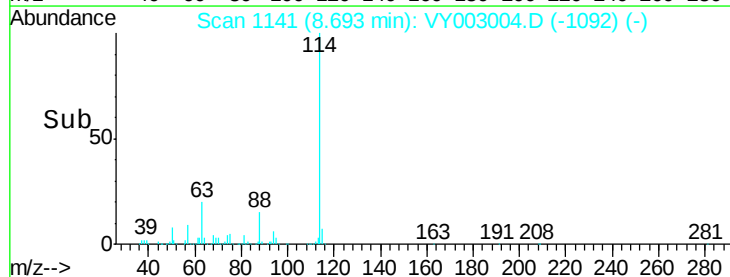
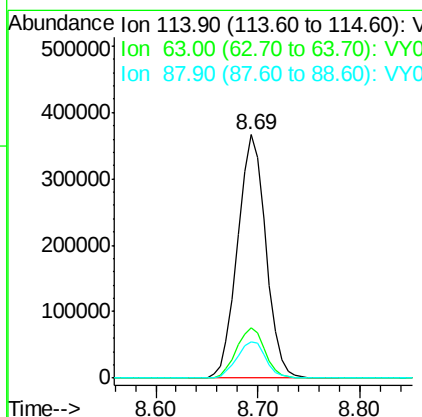
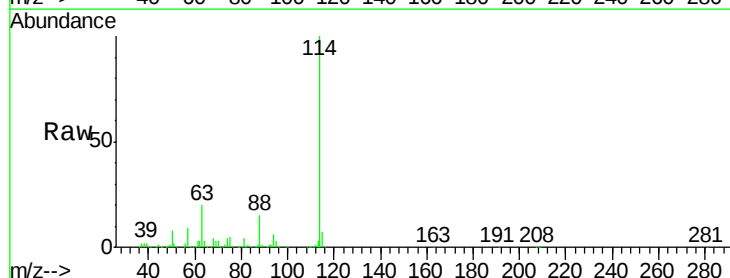
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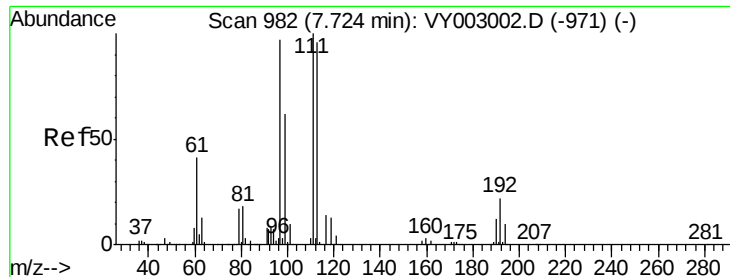
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	702743		
63	20.4	0.0	40.6	
88	14.8	0.0	30.0	





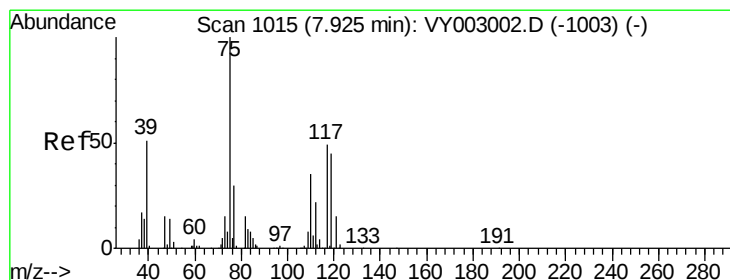
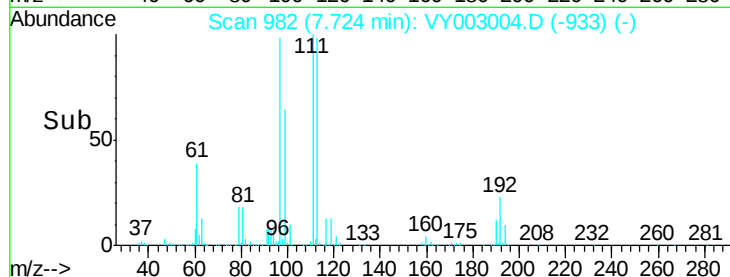
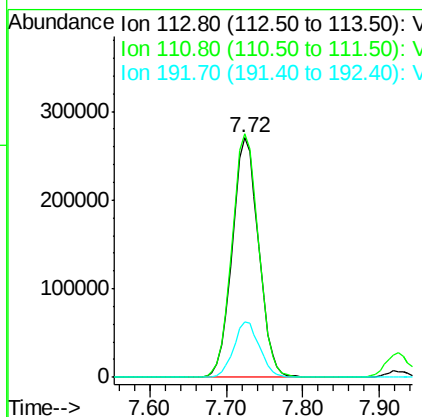
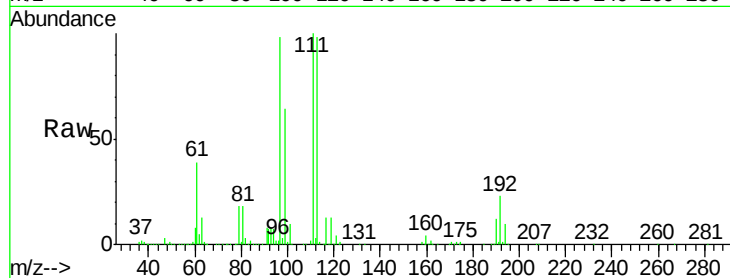
#35
Dibromofluoromethane
Concen: 146.854 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	643782		
111	102.5	82.6	123.8	
192	22.8	18.1	27.1	

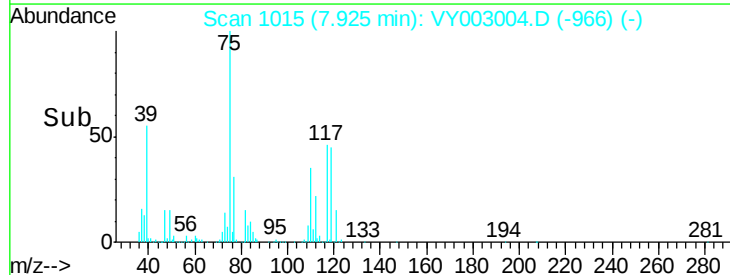
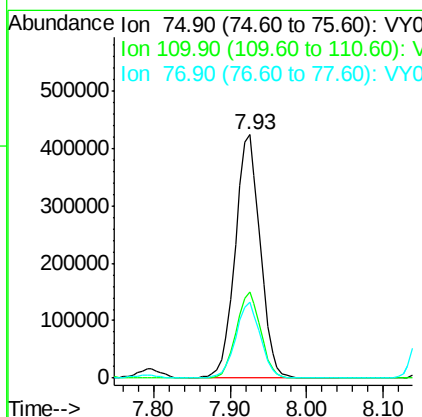
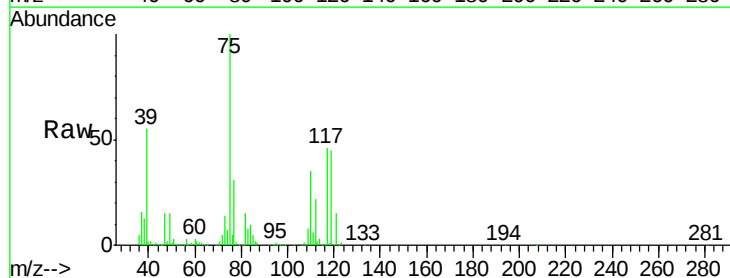
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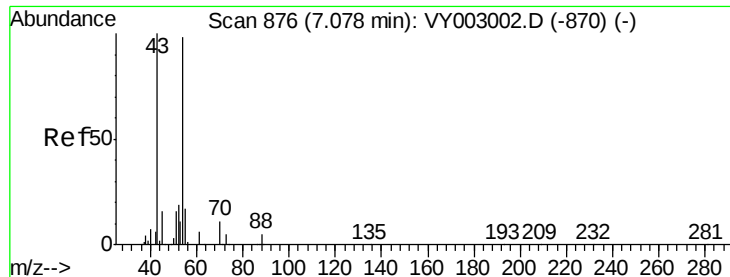
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#36
1,1-Dichloropropene
Concen: 141.331 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	956683		
110	34.8	17.1	51.2	
77	30.7	24.9	37.3	





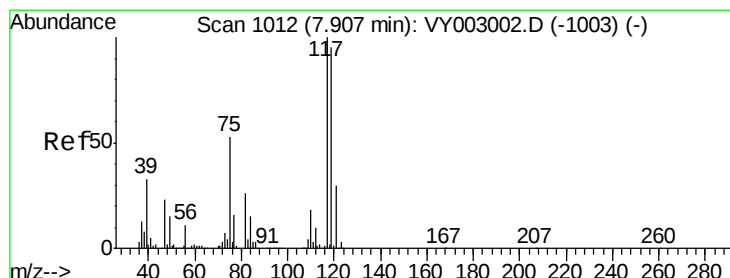
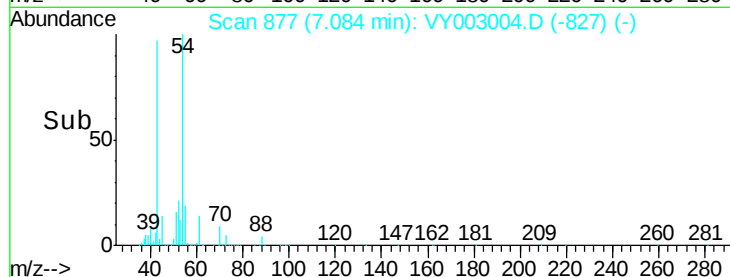
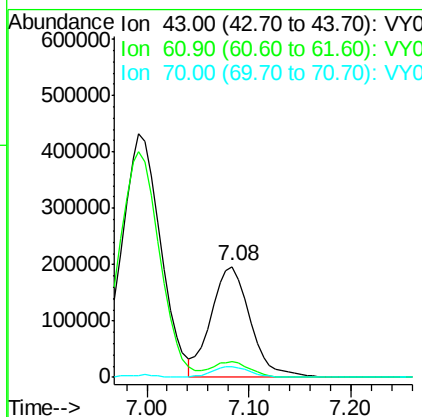
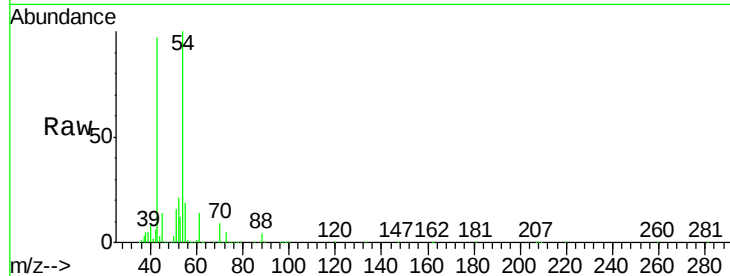
#37
Ethyl Acetate
Concen: 128.409 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:	43	Resp:	522617
Ion Ratio	Lower	Upper	
43	100		
61	13.0	10.4	15.6
70	9.5	7.7	11.5

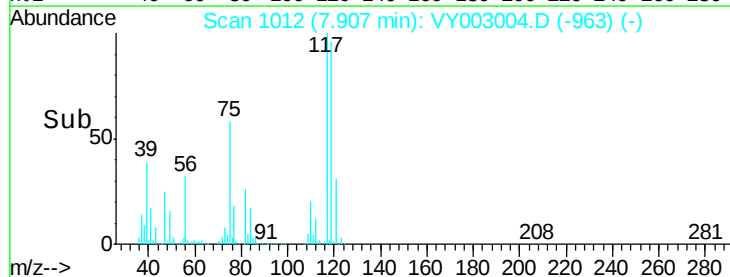
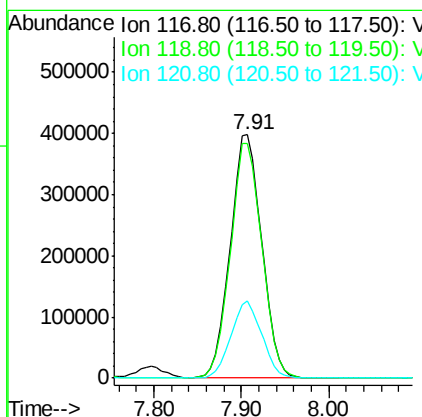
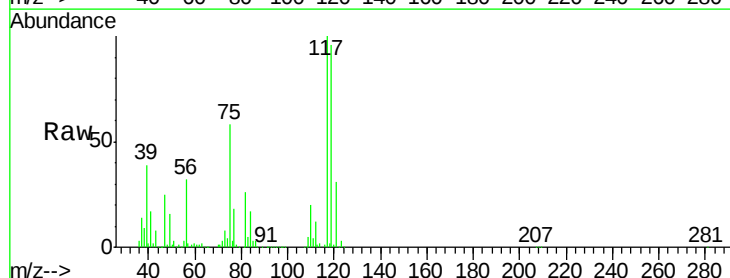
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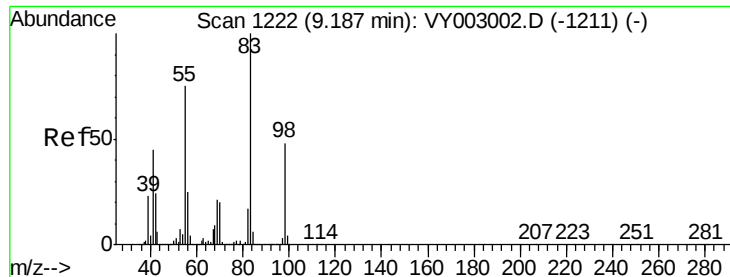
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#38
Carbon Tetrachloride
Concen: 141.470 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion:	117	Resp:	996348
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.7	113.5
121	31.5	23.9	35.9





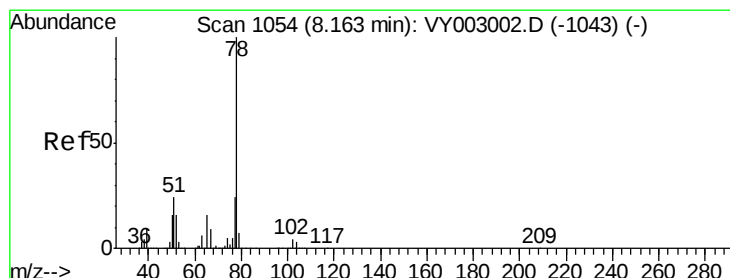
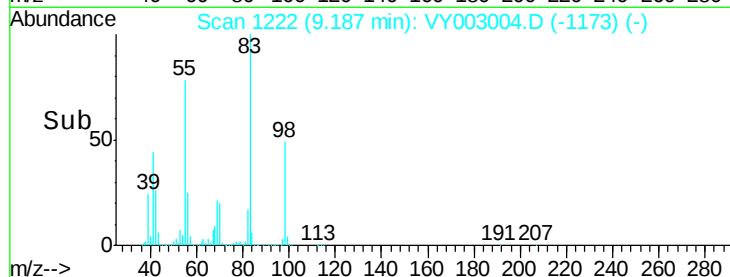
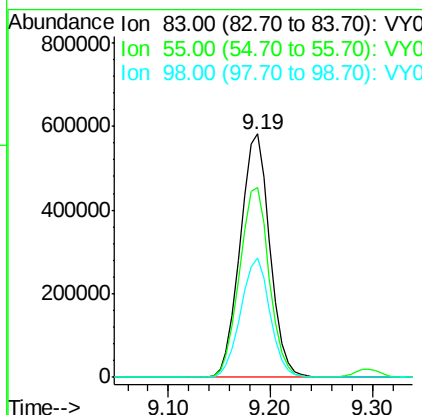
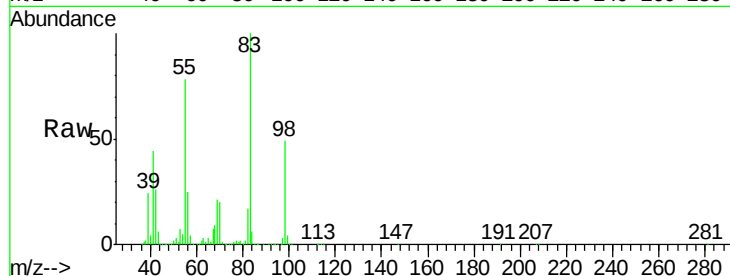
#39
Methvlcvclohexane
Concen: 140.218 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.9	89.9
98	49.1	38.7	58.1

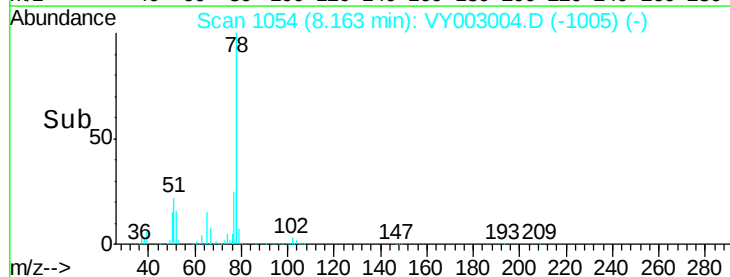
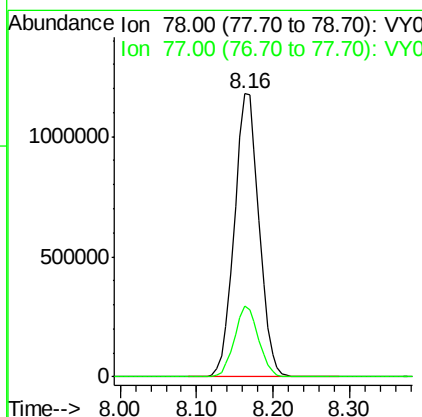
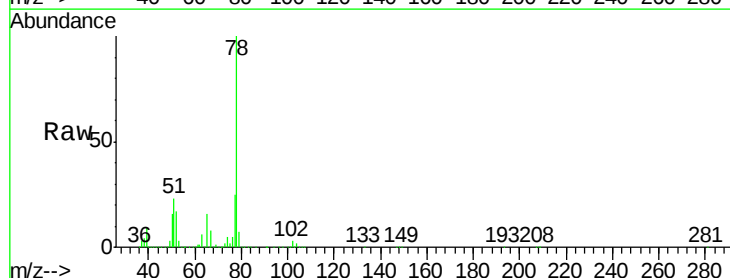
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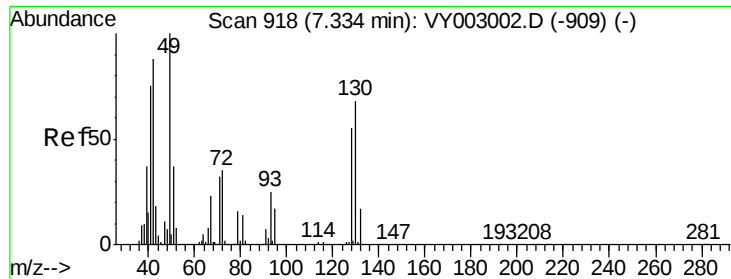
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#40
Benzene
Concen: 141.662 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





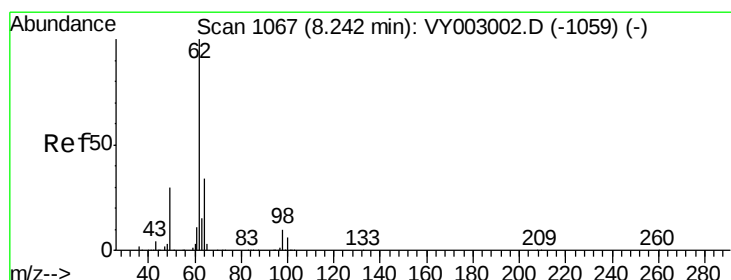
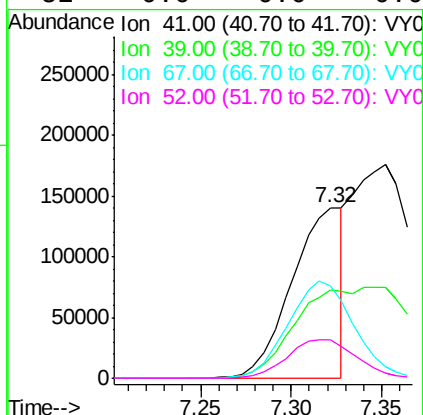
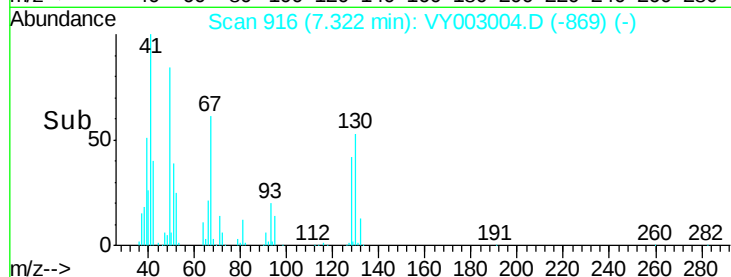
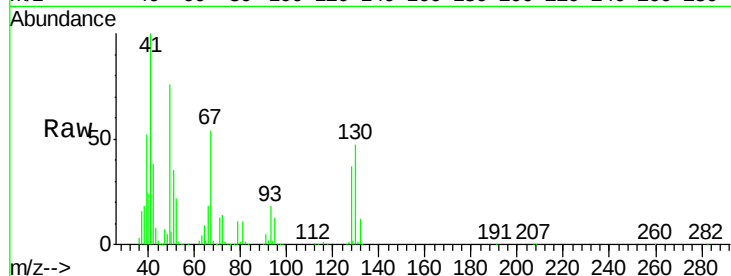
#41
Methacrylonitrile
Concen: 56.168 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	280390
Ion	Ratio	Lower	Upper
41	100		
39	118.6	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

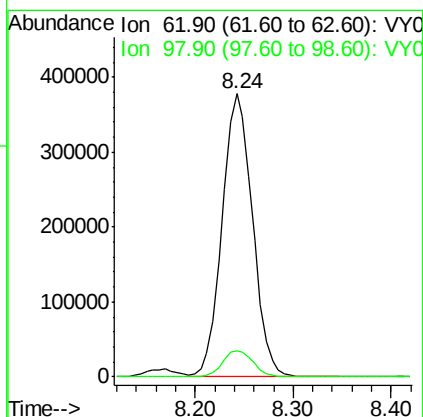
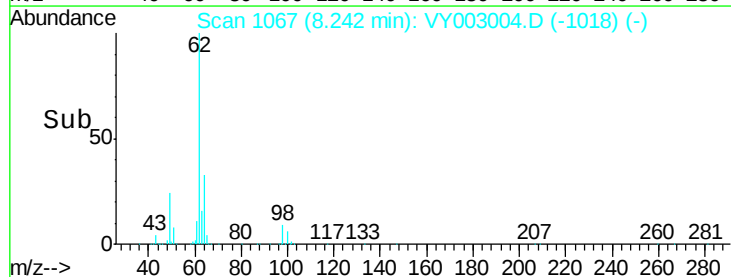
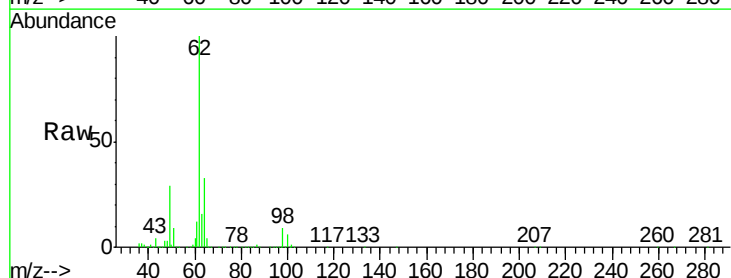
Manual Integrations
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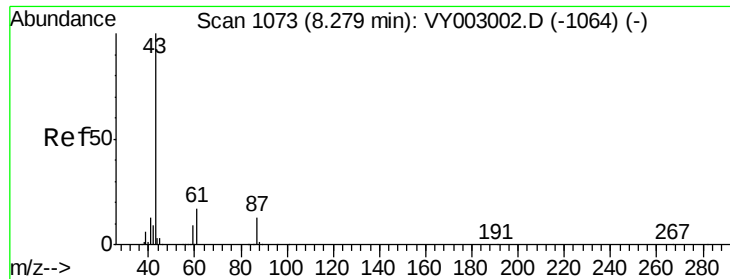
MMDadoda
6/30/2020 12:54:12 PM



#42
1,2-Dichloroethane
Concen: 138.880 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	62	Resp	814206
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

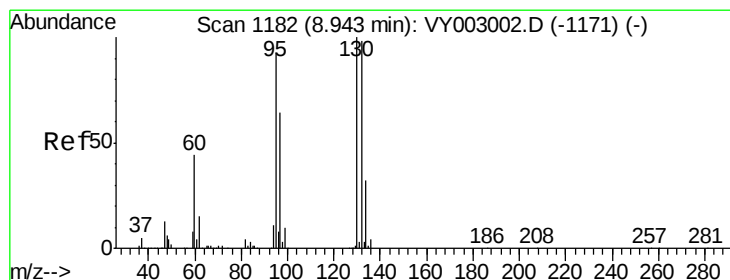
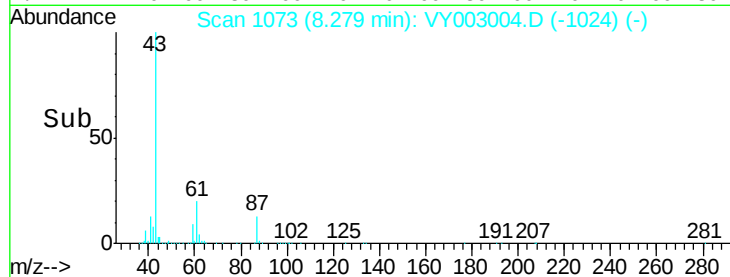
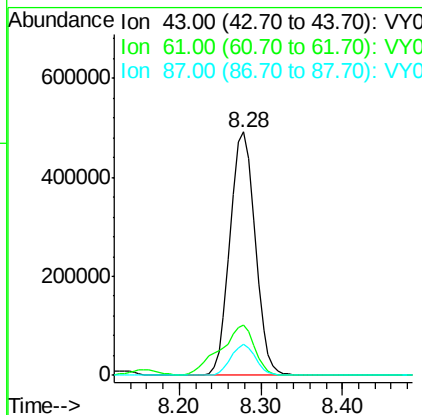
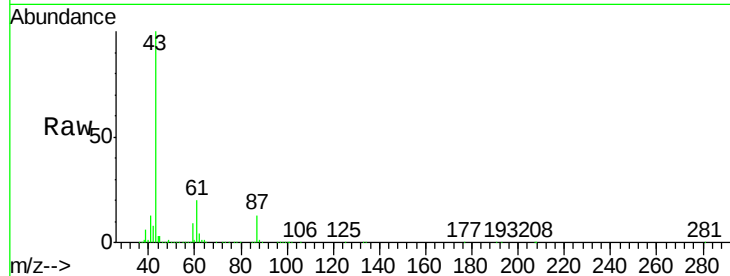
Isopropyl Acetate
 Concen: 134.977 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	43	Resp	1044343
Ion Ratio	Lower	Upper	
43	100		
61	28.2	21.8	32.6
87	12.5	10.1	15.1

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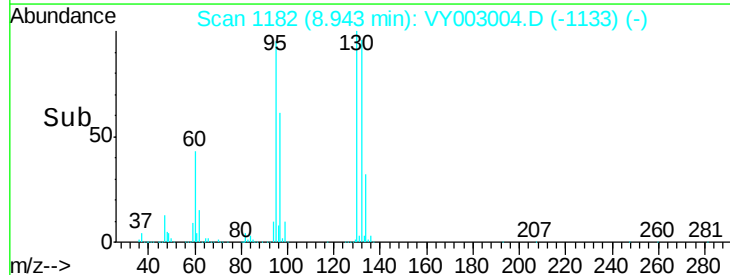
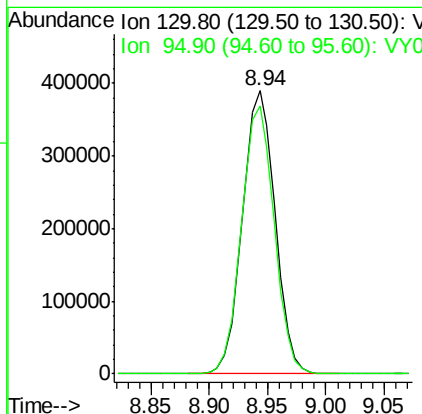
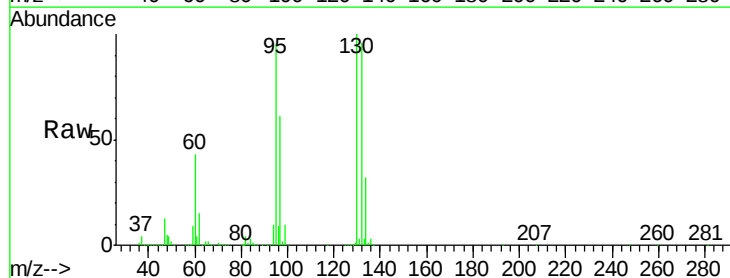
MMDadoda
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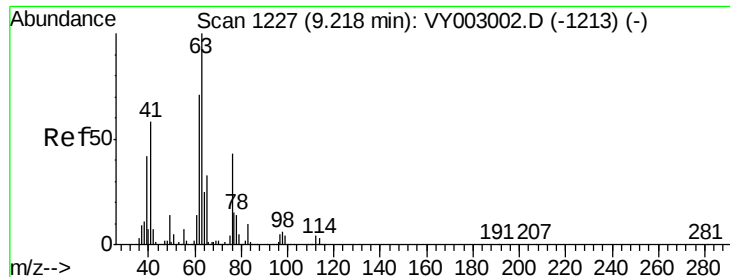


#44

Trichloroethene
 Concen: 141.978 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion	130	Resp	764751
Ion Ratio	Lower	Upper	
130	100		
95	94.7	0.0	186.4





#45

1,2-Dichloropropane

Concen: 140.687 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 701435

Ion Ratio Lower Upper

63 100

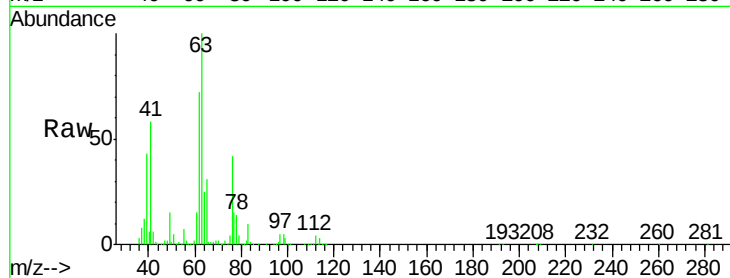
65 31.2 26.2 39.4

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

400000

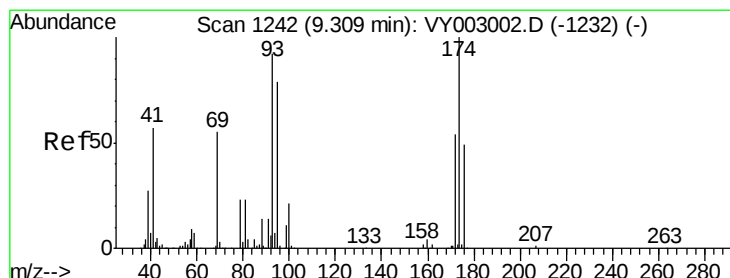
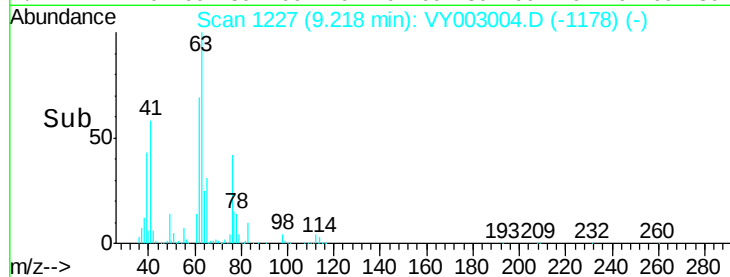
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 135.862 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

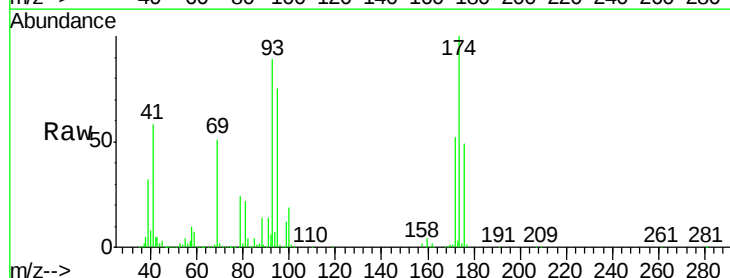
Tgt Ion: 93 Resp: 378326

Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

174 112.1 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

300000

250000

200000

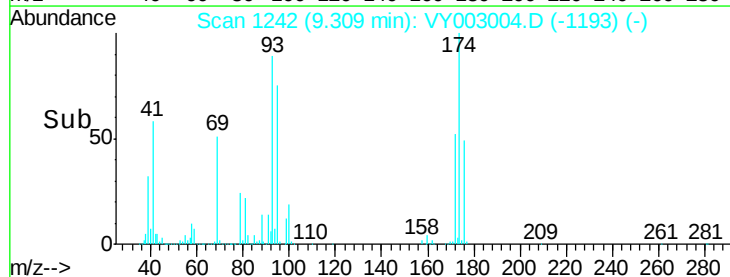
150000

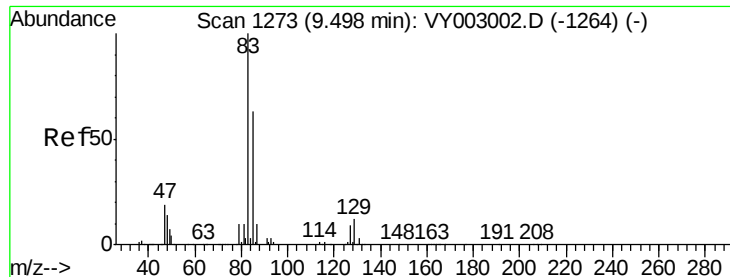
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 141.612 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

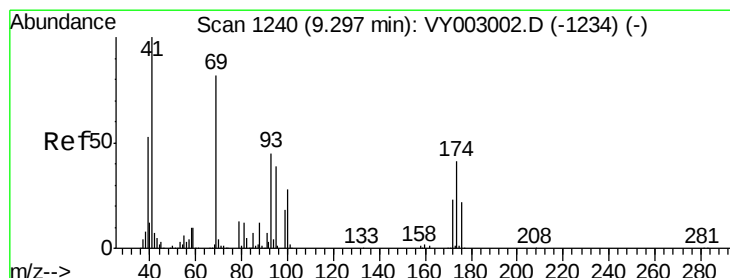
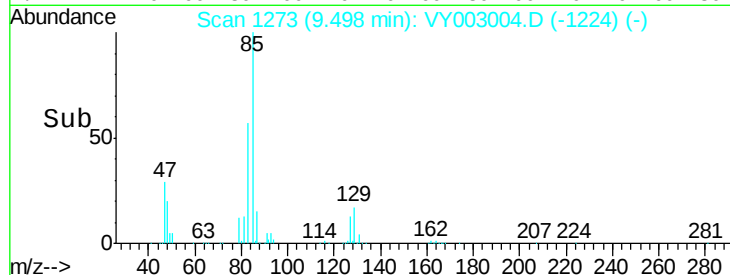
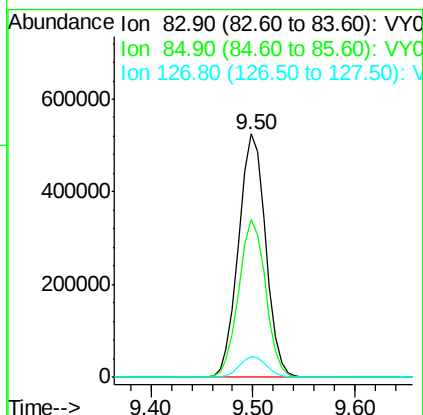
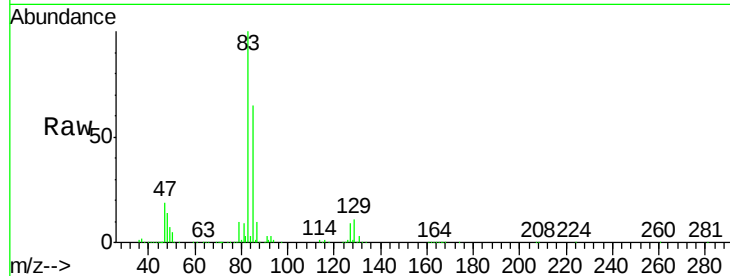
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	965586
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.5	75.7
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 137.023 ug/l

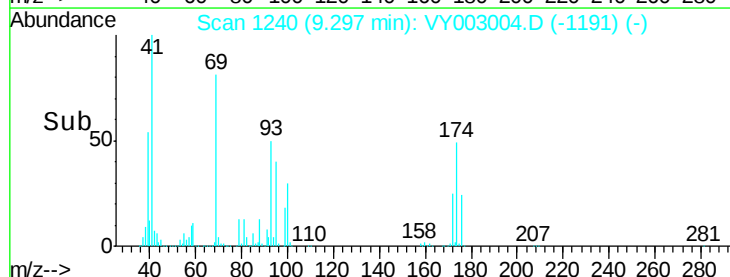
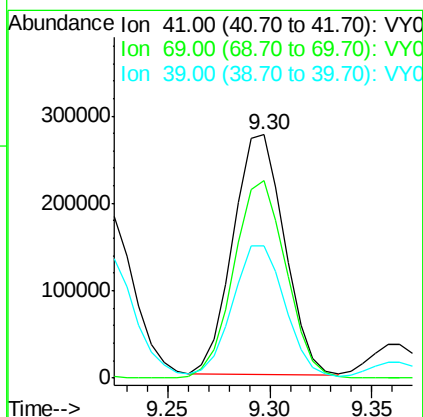
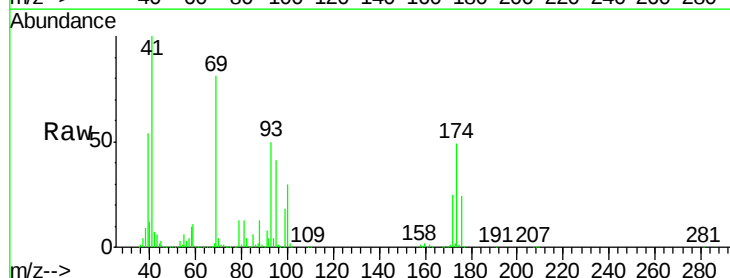
RT: 9.30 min Scan# 1240

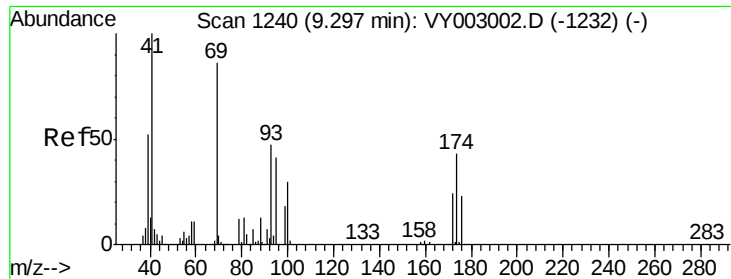
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	41	Resp:	482562
Ion Ratio	Lower	Upper	
41	100		
69	83.5	67.7	101.5
39	56.9	45.0	67.4





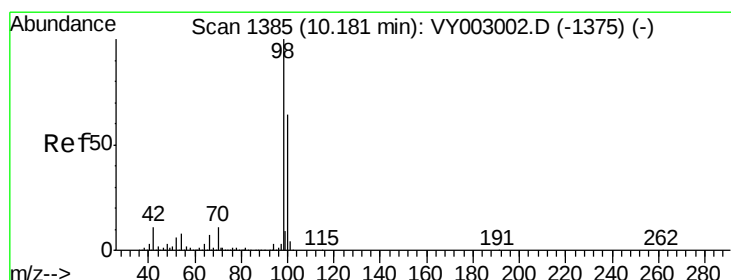
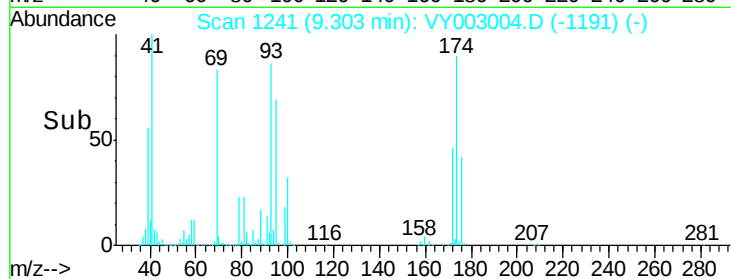
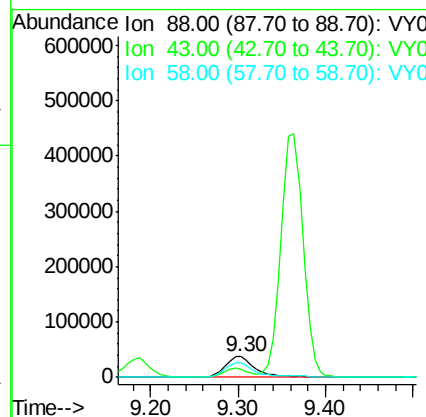
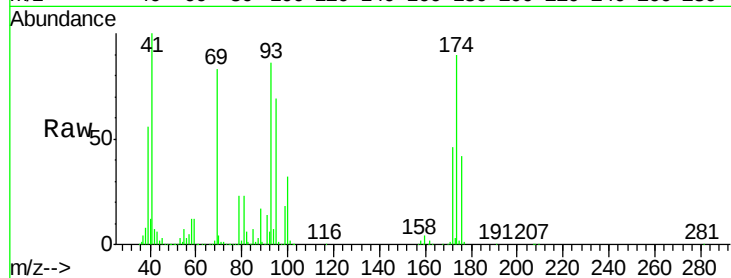
#49
1,4-Dioxane
Concen: 2647.496 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	28.6	42.8
58	67.1	56.7	85.1

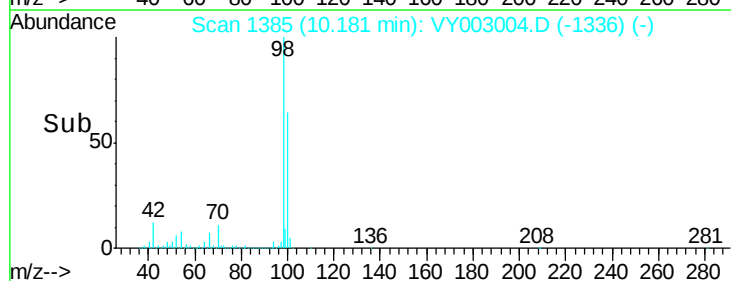
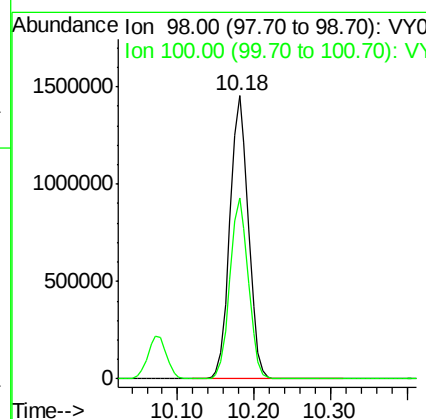
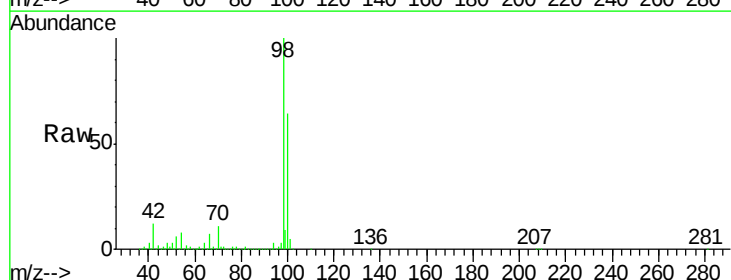
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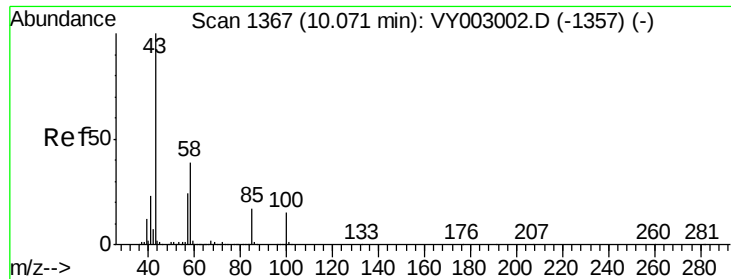
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#50
Toluene-d8
Concen: 148.261 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





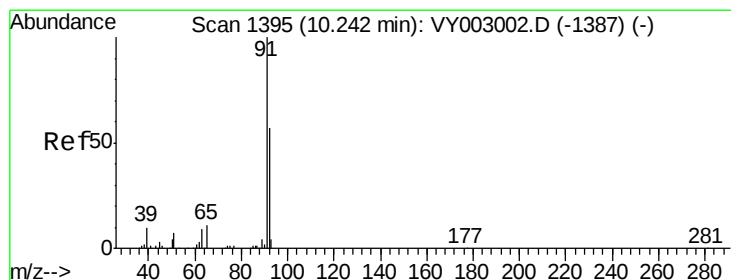
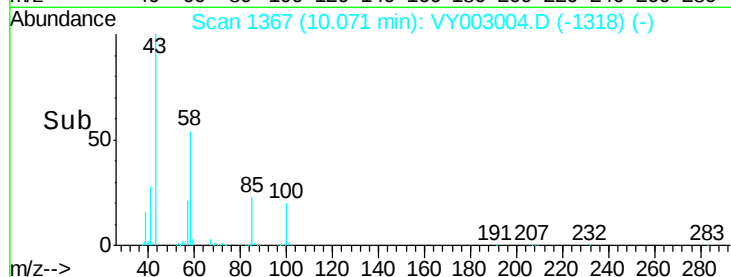
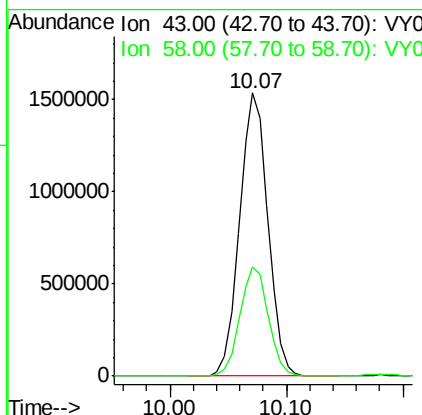
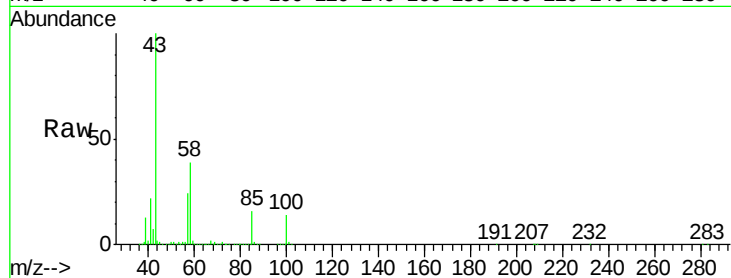
#51
4-Methyl-2-Pentanone
Concen: 650.469 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2601233
Ion Ratio Lower Upper
43 100
58 38.6 31.1 46.7

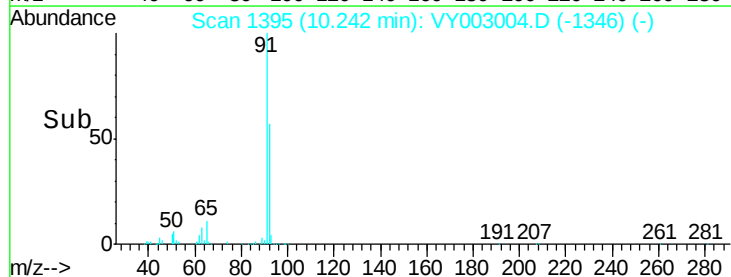
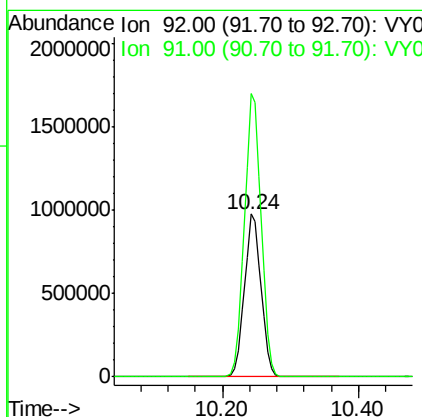
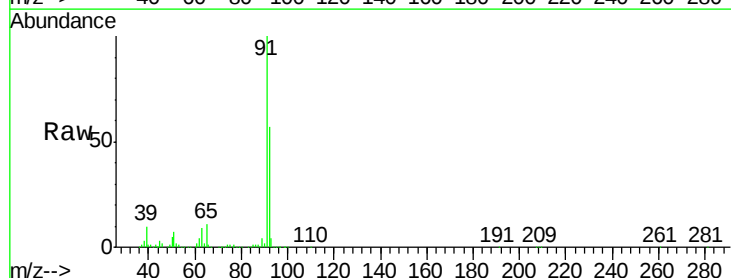
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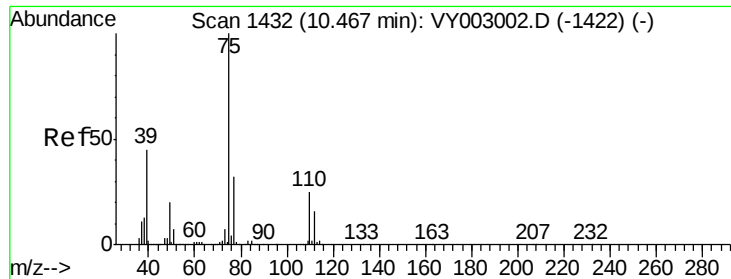
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#52
Toluene
Concen: 141.451 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion: 92 Resp: 1650159
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 142.392 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 1017928

Ion Ratio Lower Upper

75 100

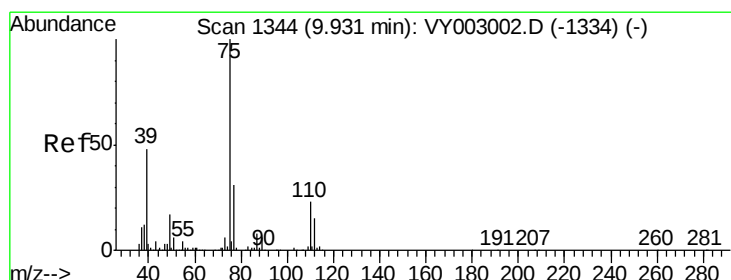
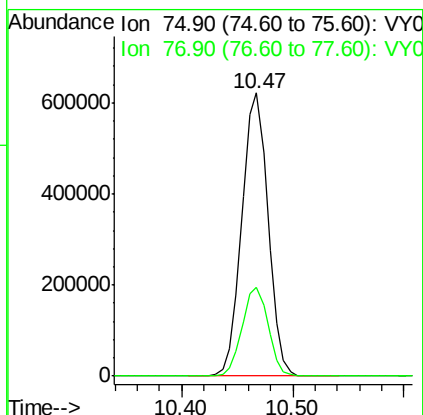
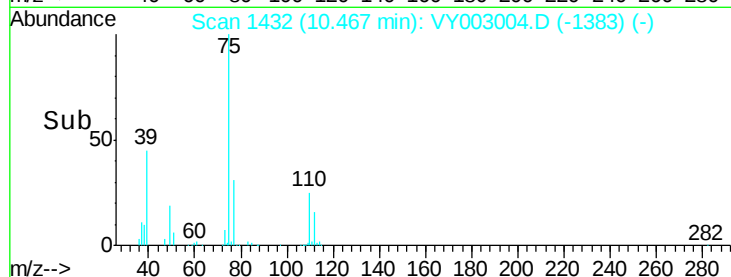
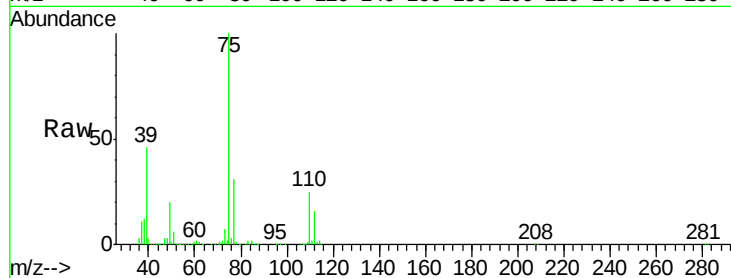
77 31.4 25.9 38.9

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#54

cis-1,3-Dichloropropene

Concen: 141.923 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

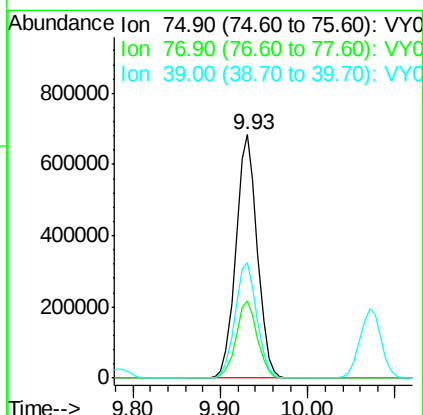
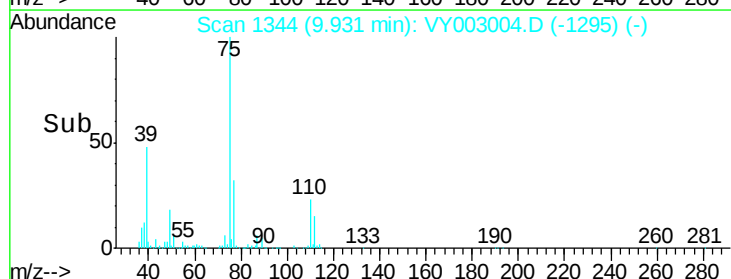
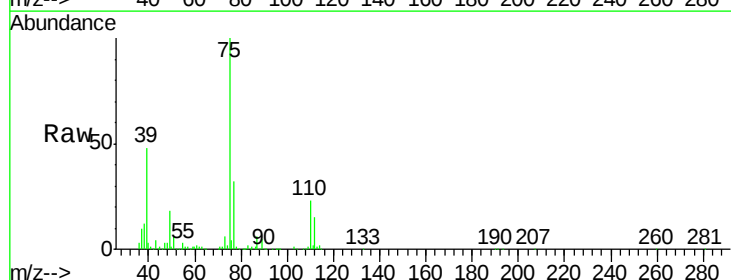
Tgt Ion: 75 Resp: 1160323

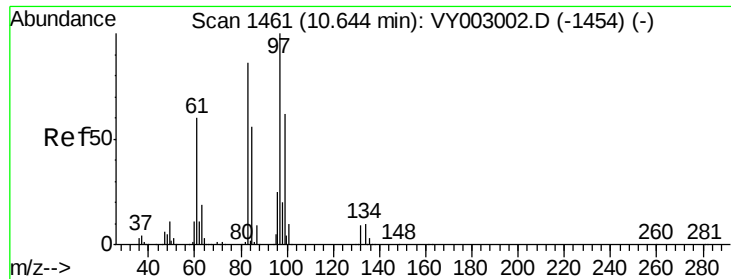
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 47.6 38.3 57.5





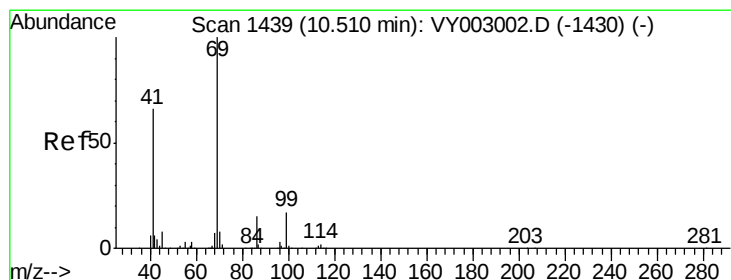
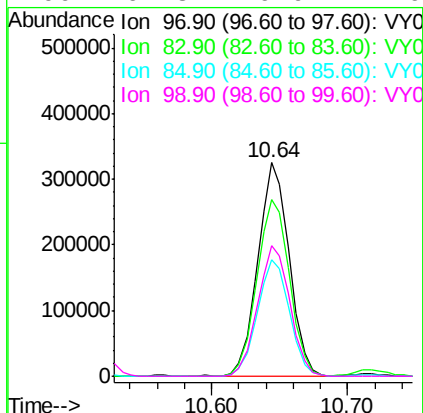
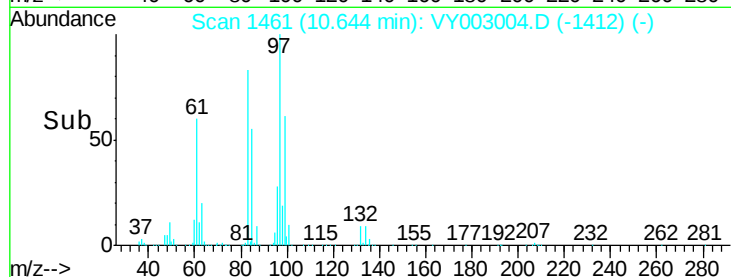
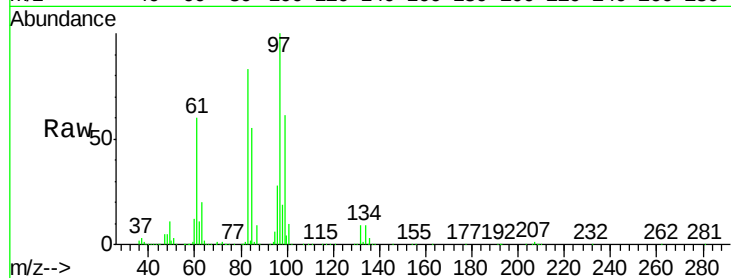
#55
 1,1,2-Trichloroethane
 Concen: 136.396 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		527786		
83	82.9	69.0	103.6		
85	54.5	44.8	67.2		
99	61.3	49.9	74.9		

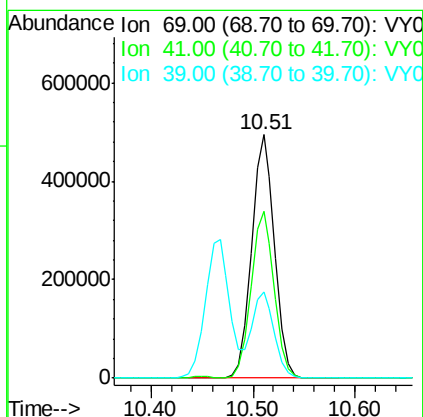
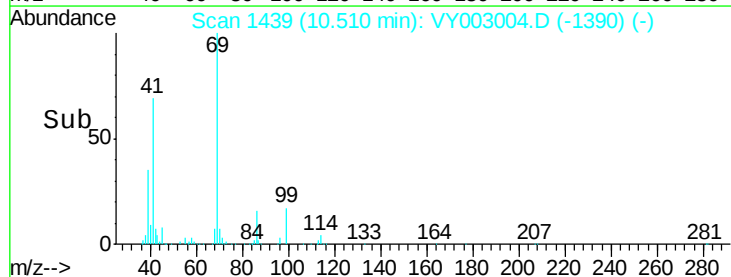
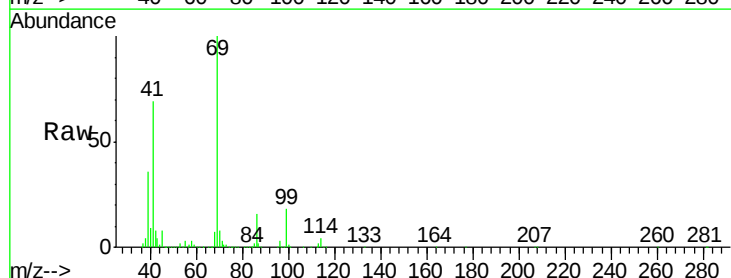
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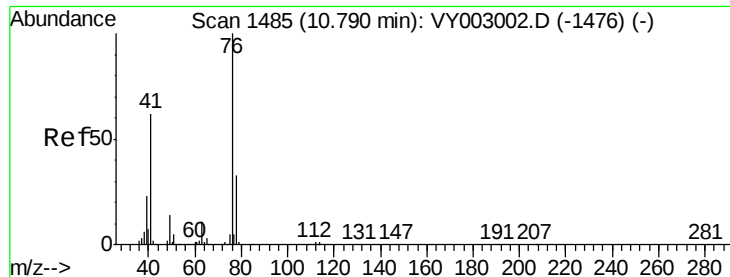
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#56
 Ethyl methacrylate
 Concen: 137.790 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		771806		
41	68.9	53.7	80.5		
39	33.3	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 137.173 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 931816

Ion Ratio Lower Upper

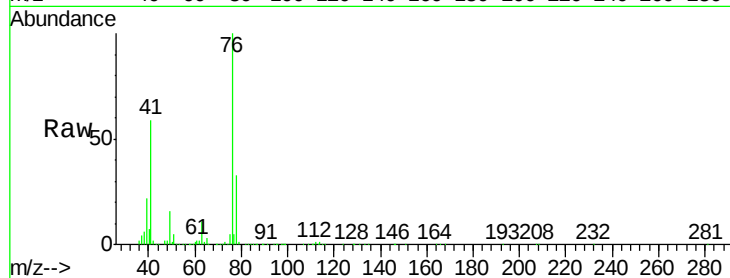
76 100

78 32.3 26.0 39.0

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

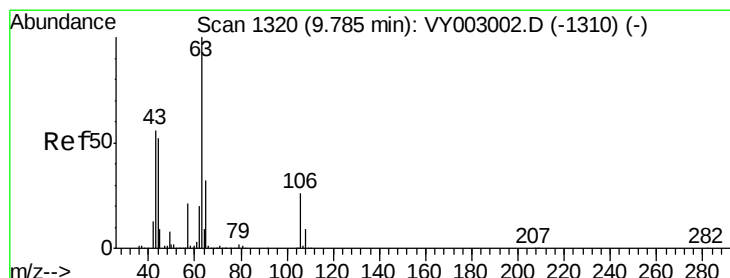
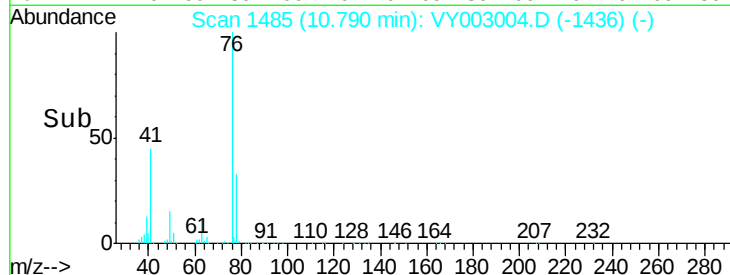
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 726.631 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003004.D

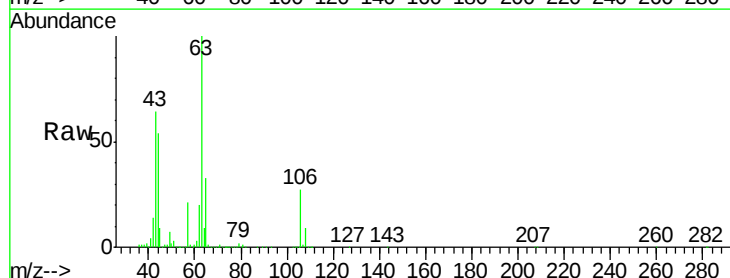
Acq: 29 Jun 2020 13:03

Tgt Ion: 63 Resp: 2087437

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

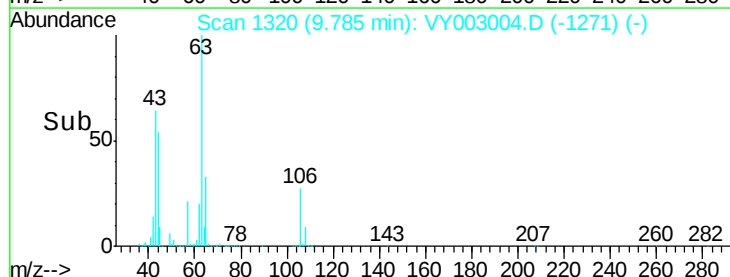
1500000

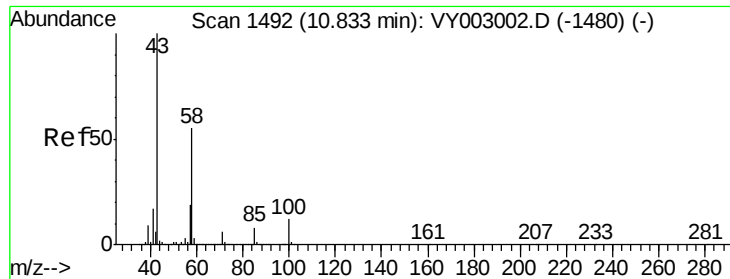
1000000

500000

0

Time-->





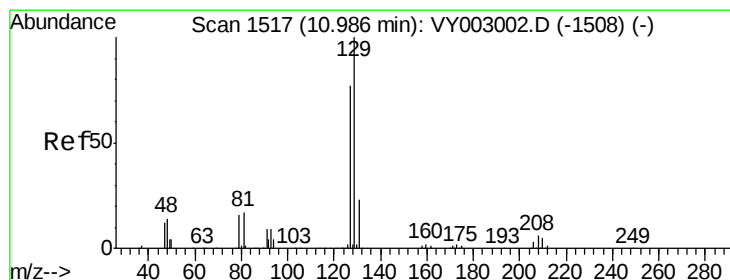
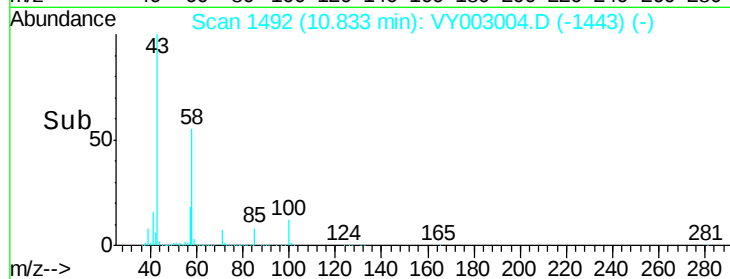
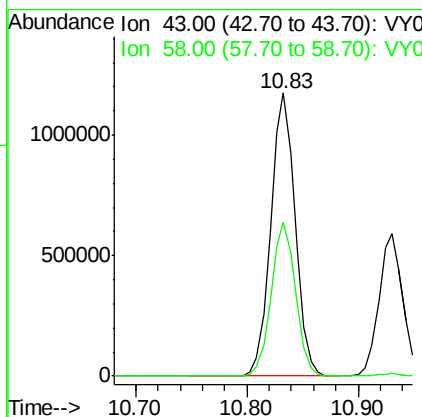
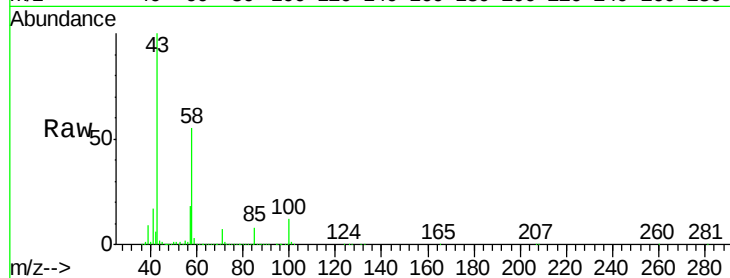
#59
2-Hexanone
Concen: 638.514 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 1784755
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4

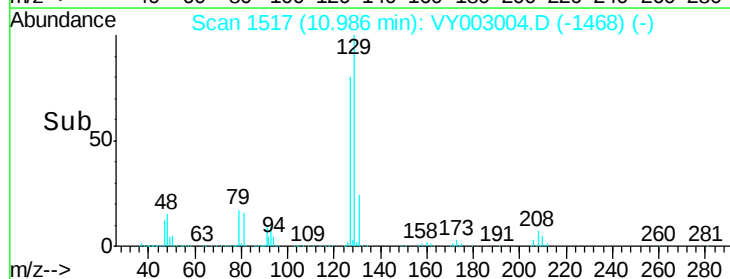
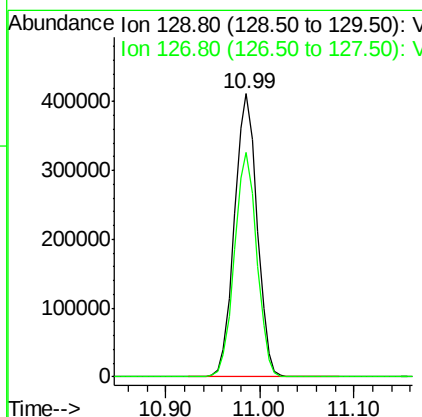
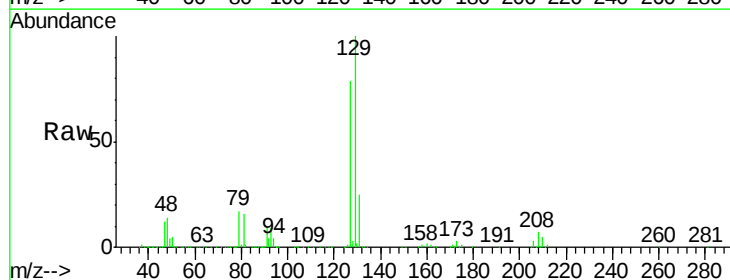
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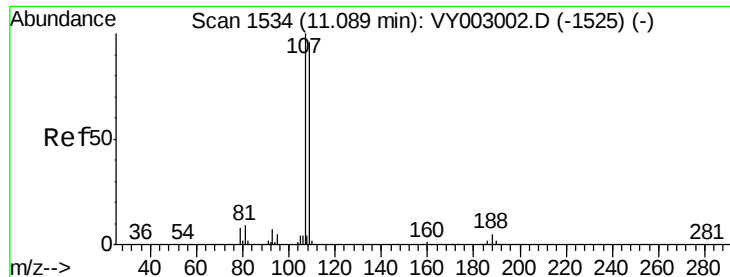
MMDadoda
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#60
Dibromochloromethane
Concen: 138.896 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion: 129 Resp: 687804
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





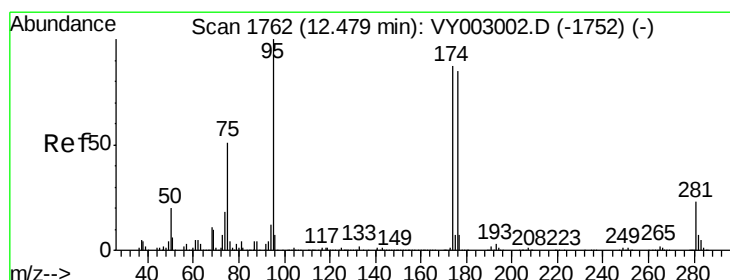
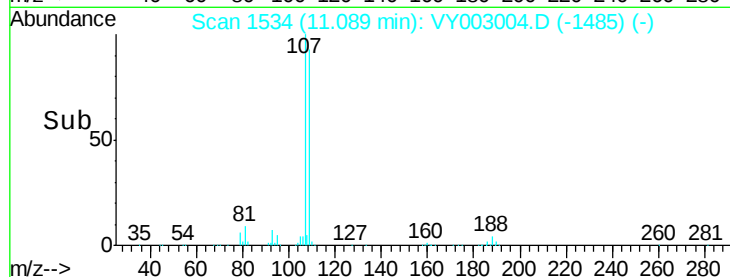
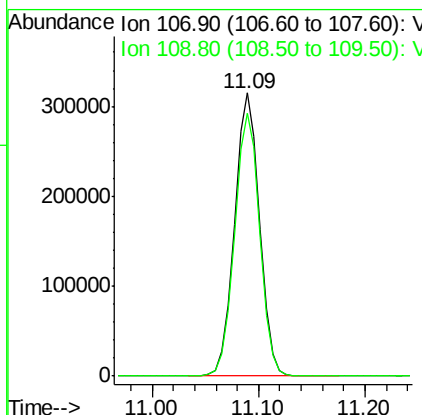
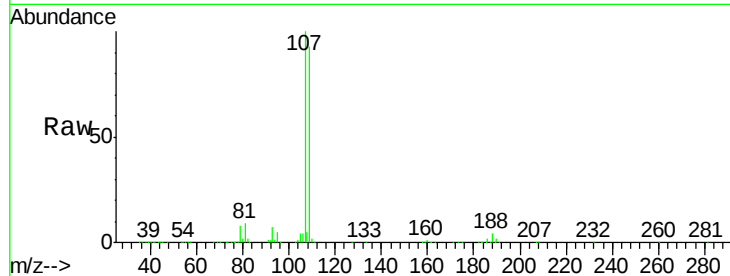
#61
1,2-Dibromoethane
Concen: 134.918 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.8

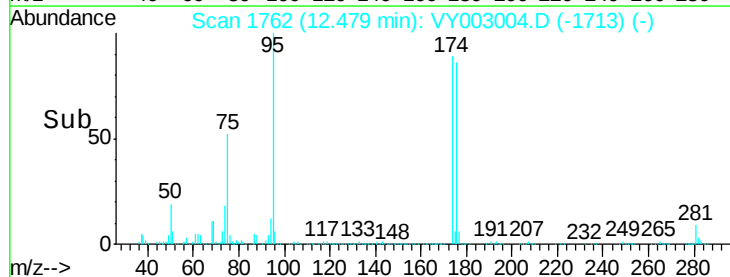
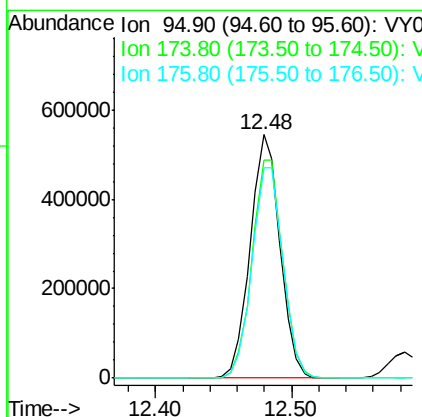
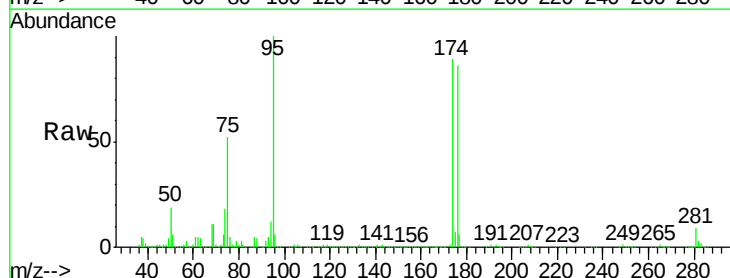
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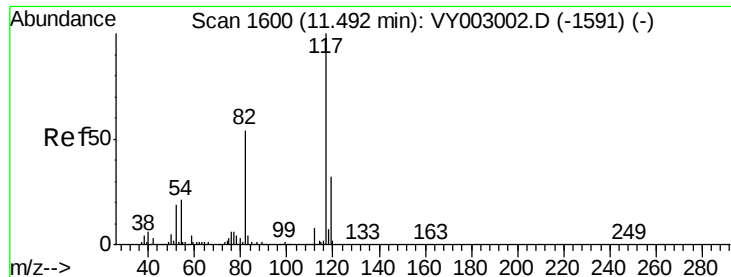
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6/30/2020 12:54:12 PM



#62
4-Bromofluorobenzene
Concen: 145.701 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	184.8
176	89.8	0.0	183.0





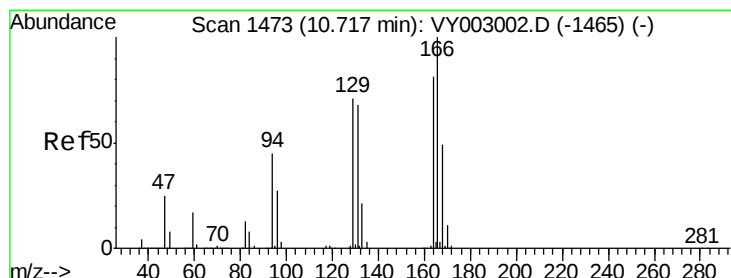
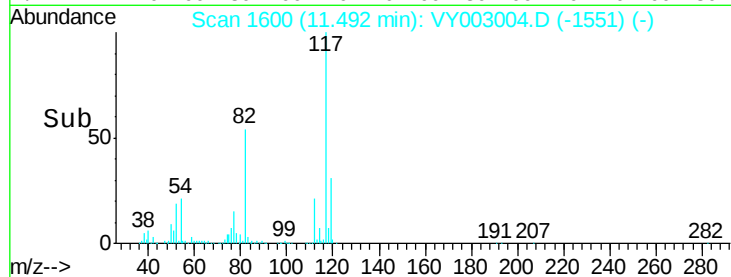
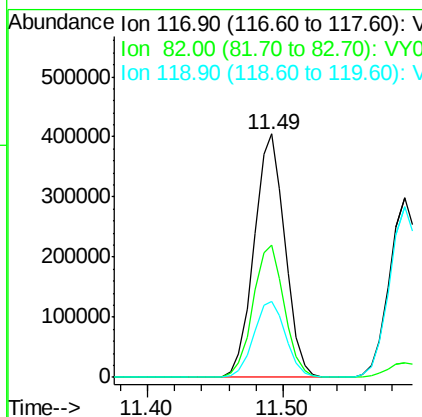
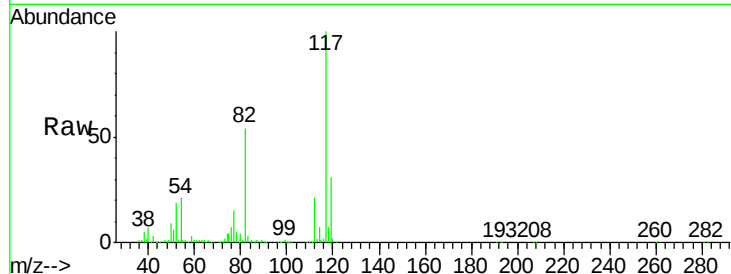
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	642945		
82	54.4		43.0	64.6
119	31.3		25.8	38.8

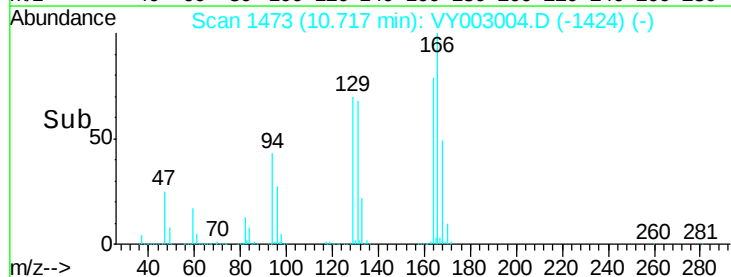
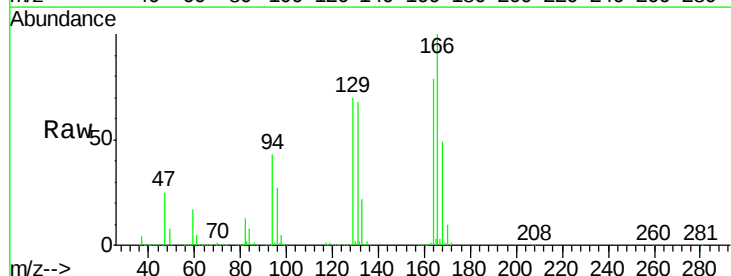
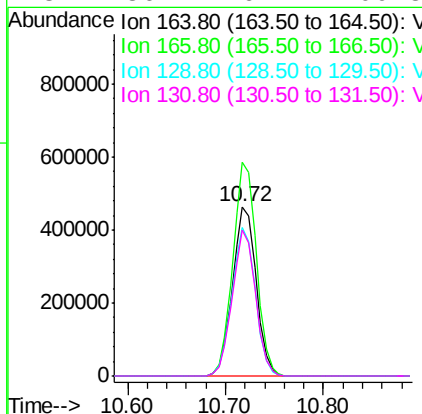
Manual Integrations
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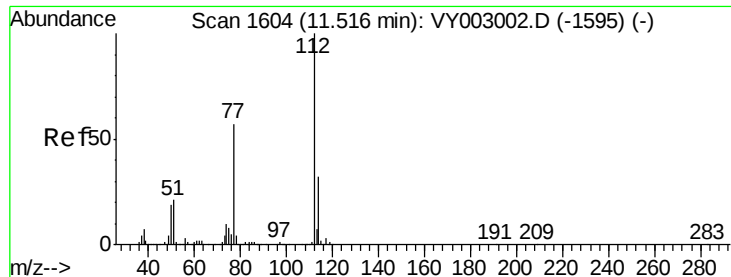
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#64
Tetrachloroethene
Concen: 142.520 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	775528		
166	126.0		98.5	147.7
129	88.0		69.7	104.5
131	86.1		67.2	100.8





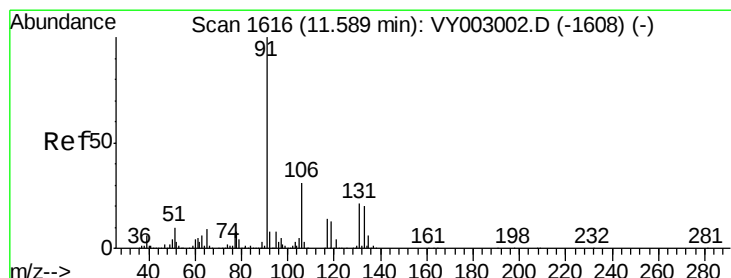
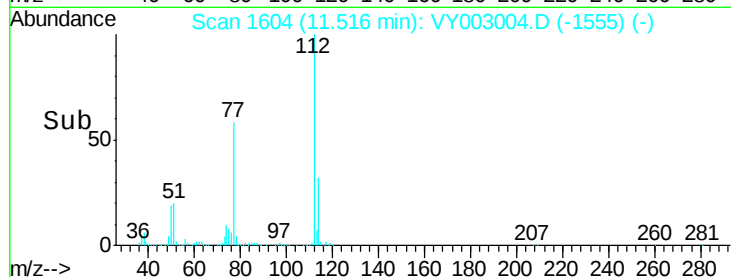
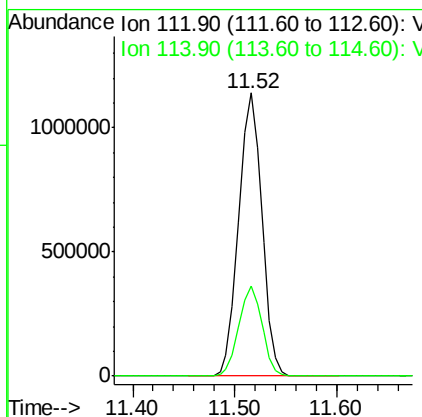
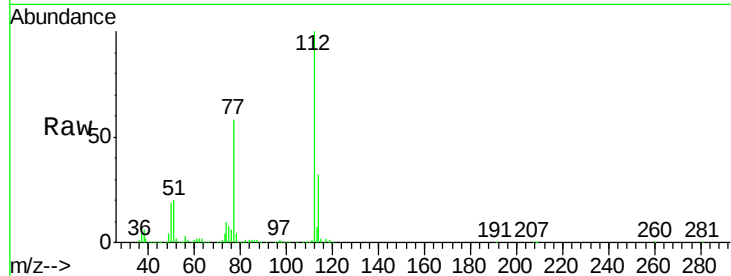
#65
Chlorobenzene
Concen: 141.463 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1793414
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

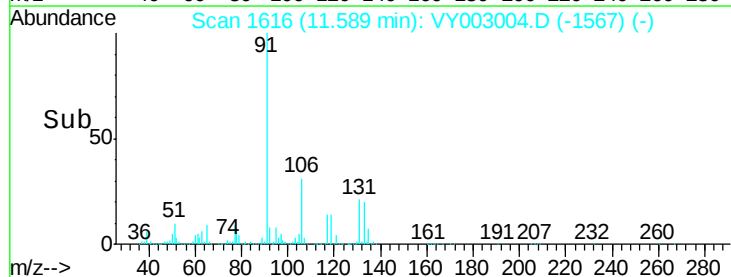
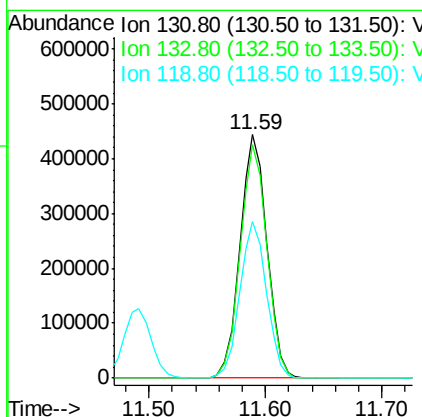
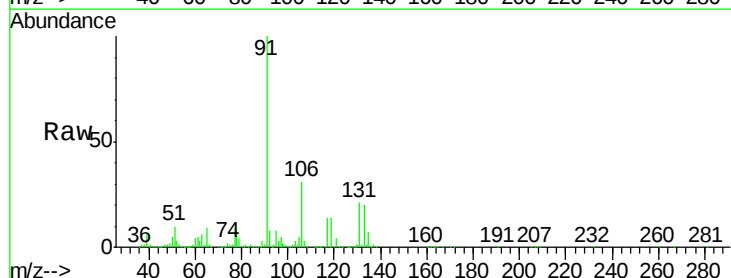
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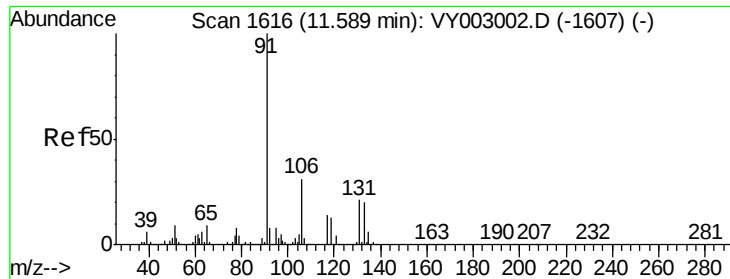
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#66
1,1,1,2-Tetrachloroethane
Concen: 143.996 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion:131 Resp: 712730
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 63.9 31.8 95.3





#67

Ethyl Benzene

Concen: 143.457 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3327188

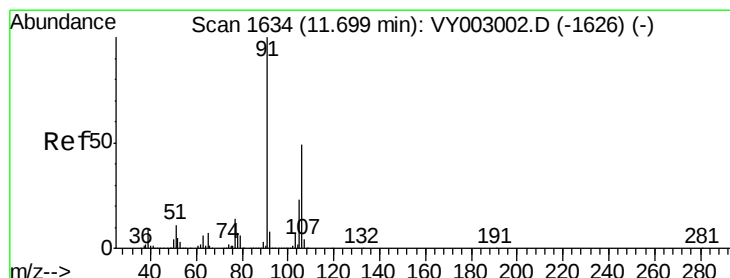
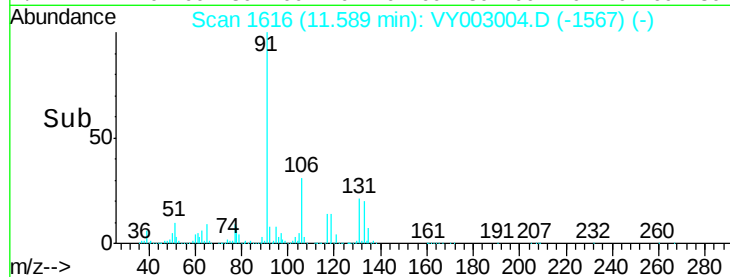
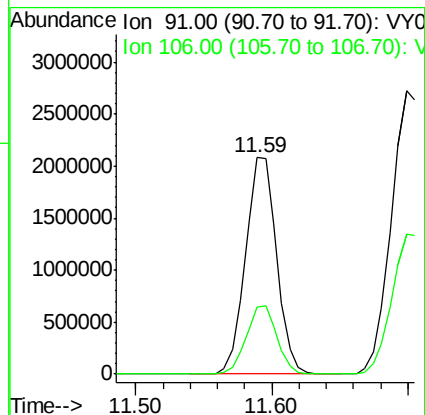
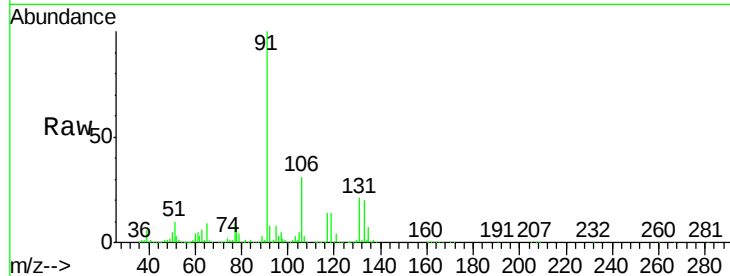
Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 287.316 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003004.D

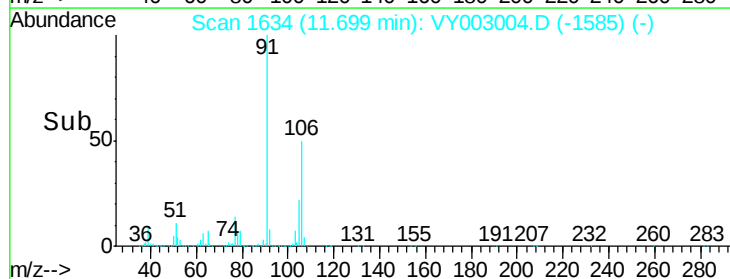
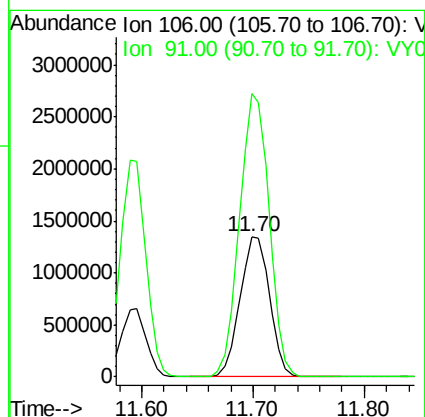
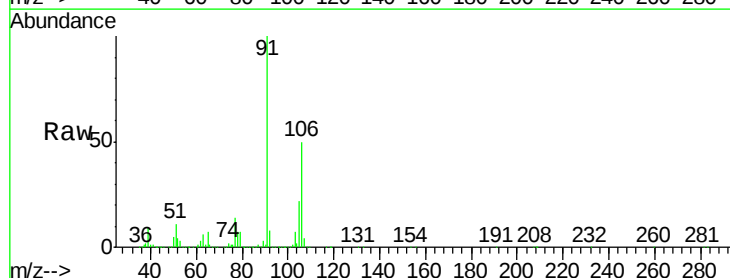
Acq: 29 Jun 2020 13:03

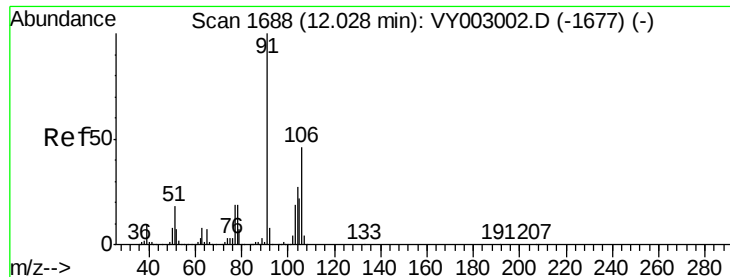
Tgt Ion: 106 Resp: 2480104

Ion Ratio Lower Upper

106 100

91 202.2 161.9 242.9





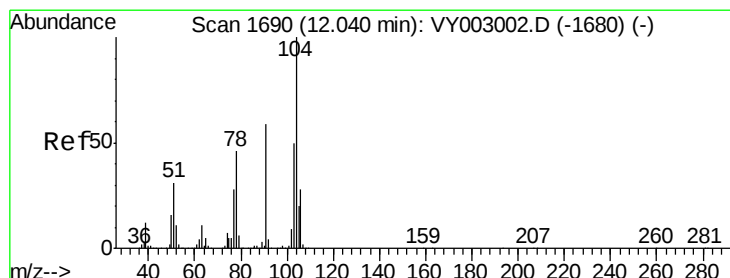
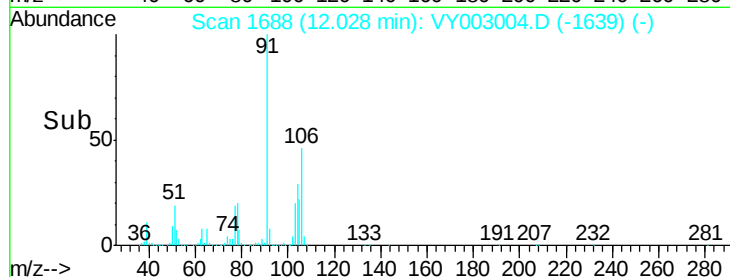
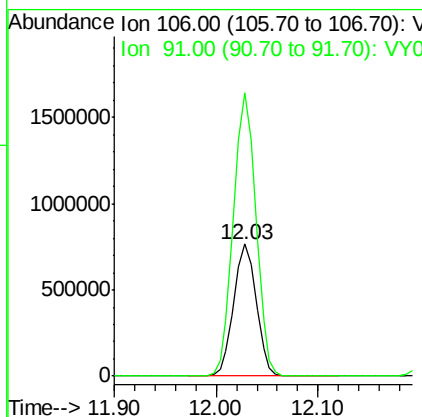
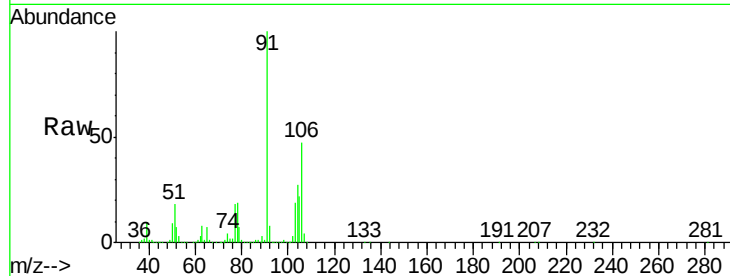
#69
o-Xylene
Concen: 143.347 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1166003
Ion Ratio Lower Upper
106 100
91 214.6 107.9 323.8

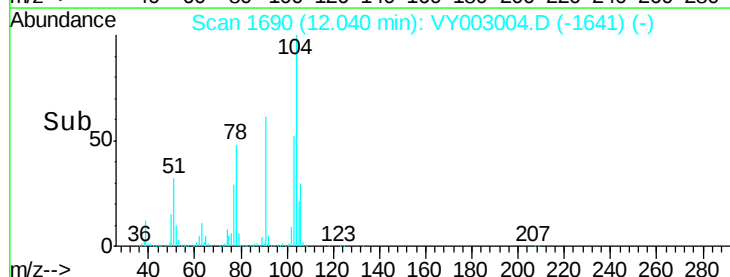
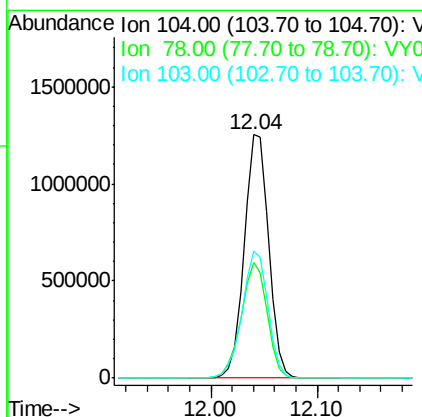
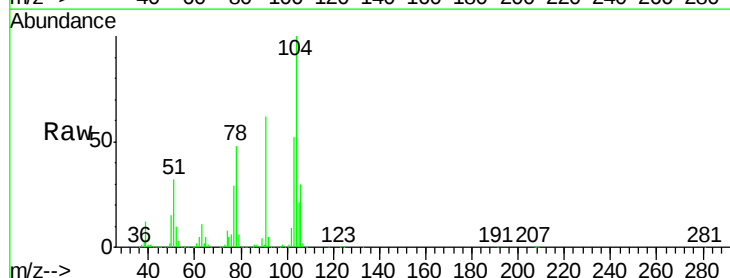
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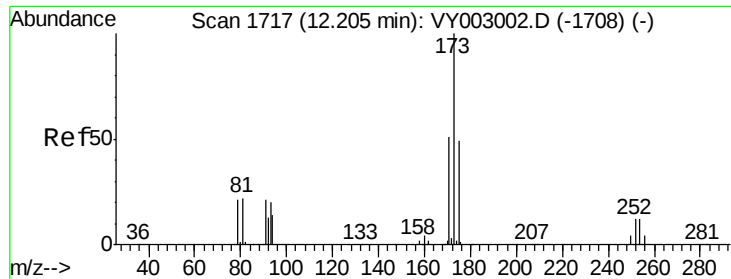
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#70
Styrene
Concen: 145.127 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion:104 Resp: 2016712
Ion Ratio Lower Upper
104 100
78 50.6 40.4 60.6
103 55.3 44.1 66.1





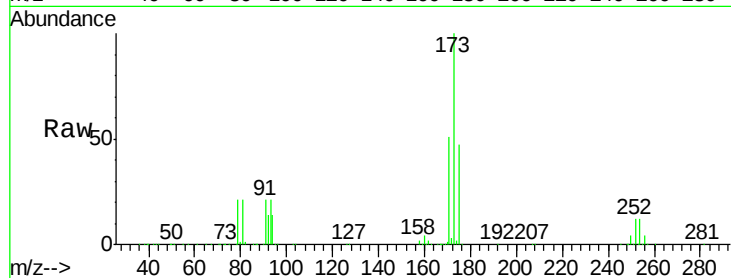
#71
Bromoform
Concen: 136.176 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

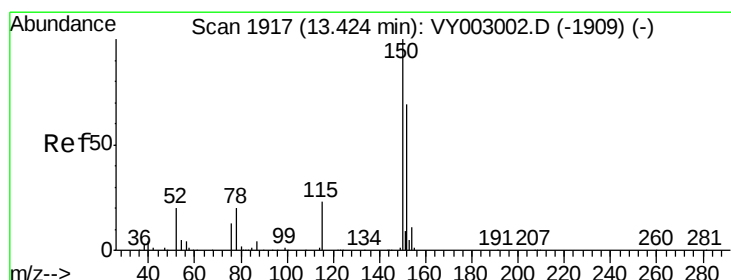
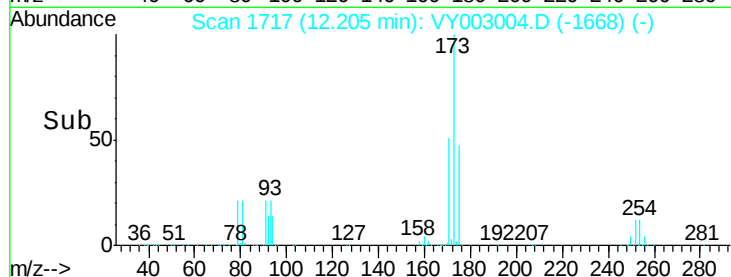
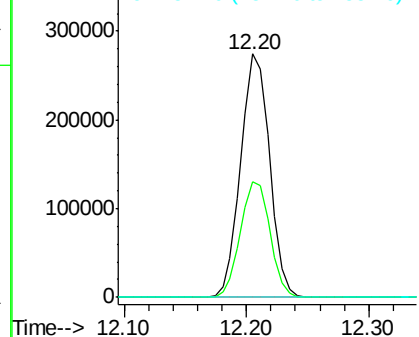
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.6
254	0.2	0.2	0.2

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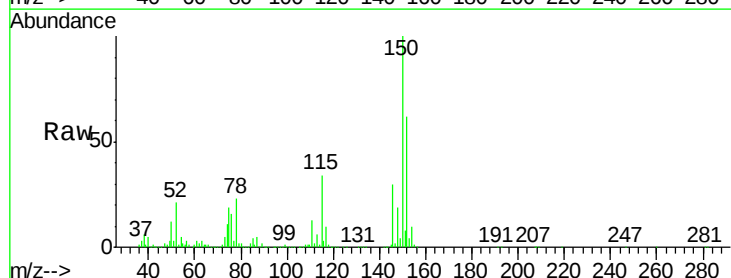


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

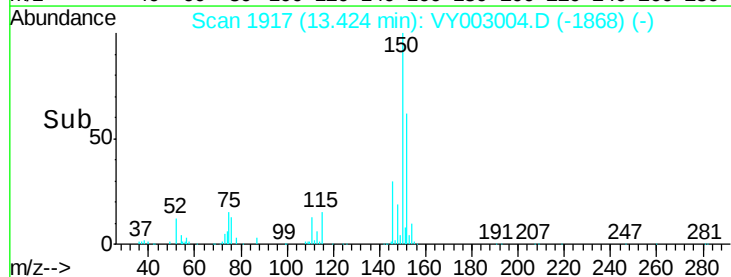
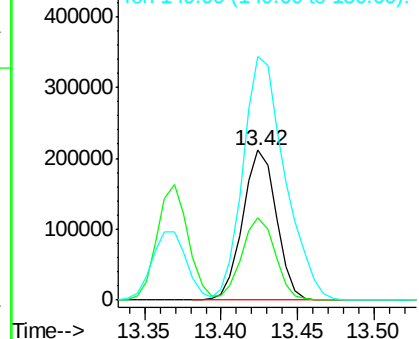


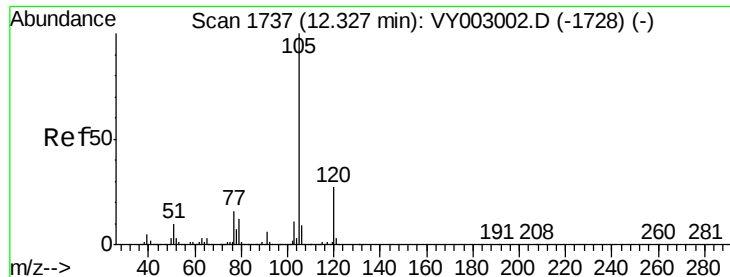
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	202.0	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.397 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3137736

Ion Ratio Lower Upper

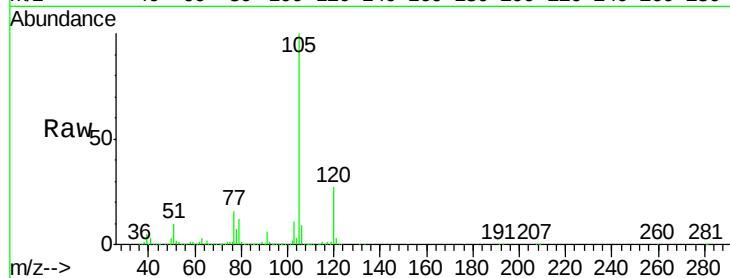
105 100

120 27.0 13.4 40.1

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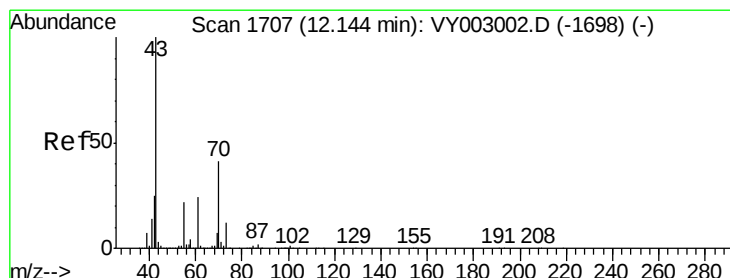
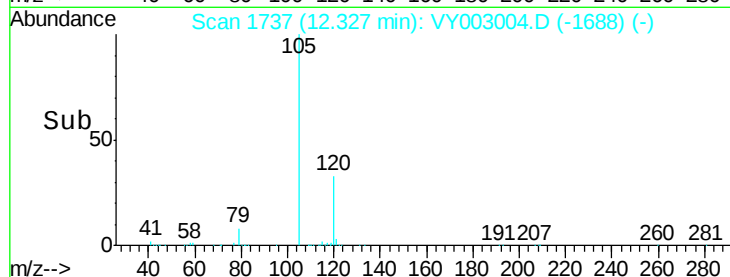
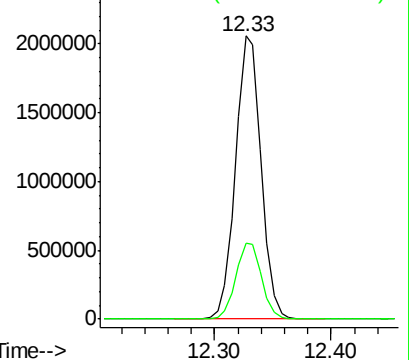
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 138.586 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion: 43 Resp: 953942

Ion Ratio Lower Upper

43 100

70 40.8 33.0 49.4

55 22.6 18.2 27.2

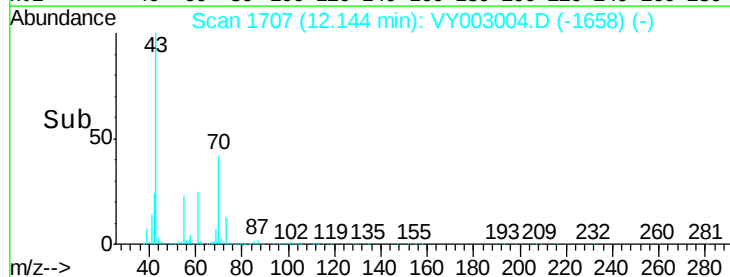
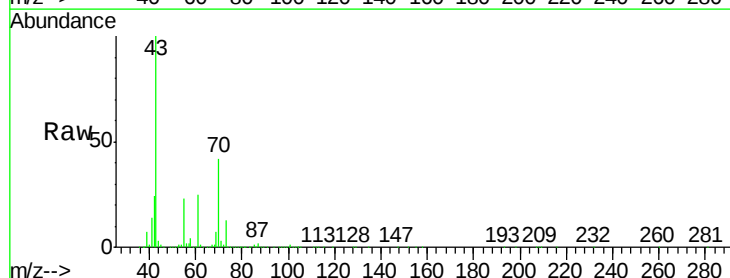
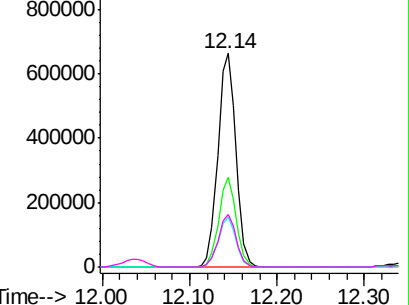
61 24.4 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 135.385 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

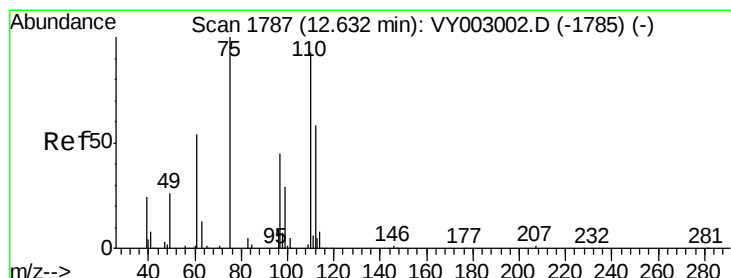
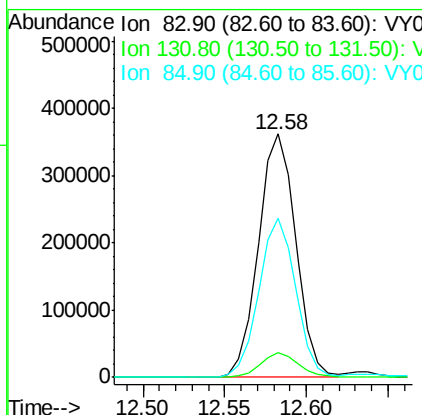
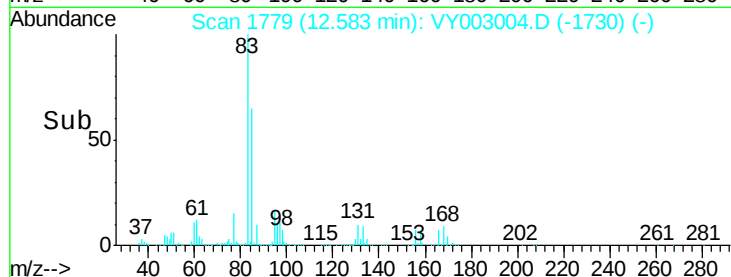
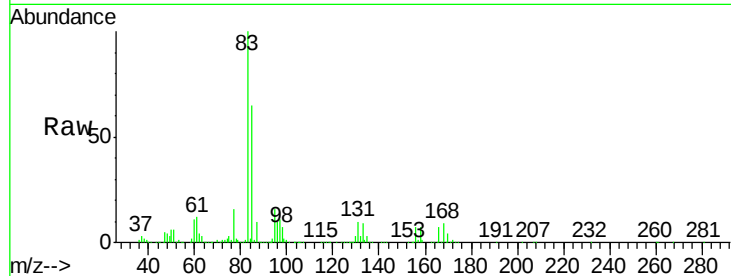
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	577684
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 78.450 ug/l m

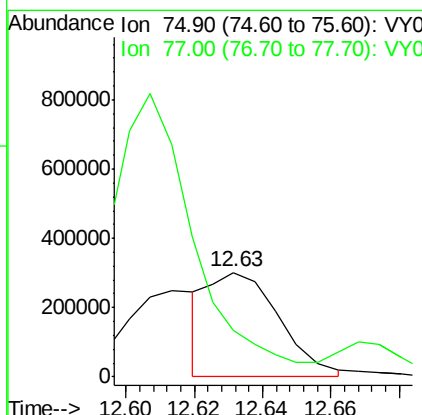
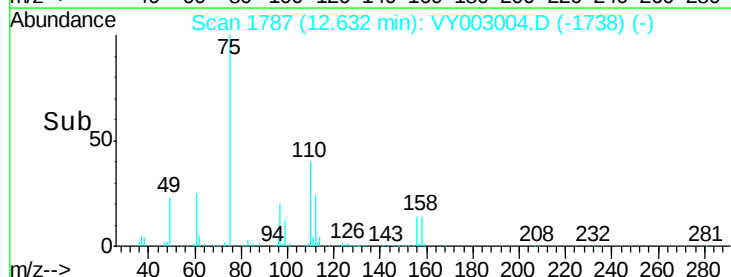
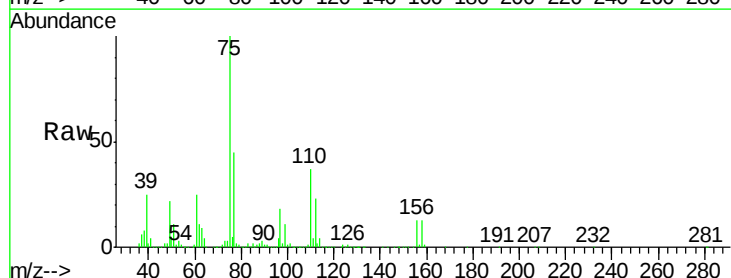
RT: 12.63 min Scan# 1787

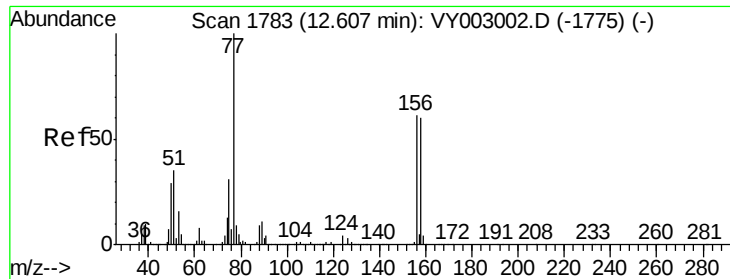
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	75	Resp:	433222
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 146.233 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

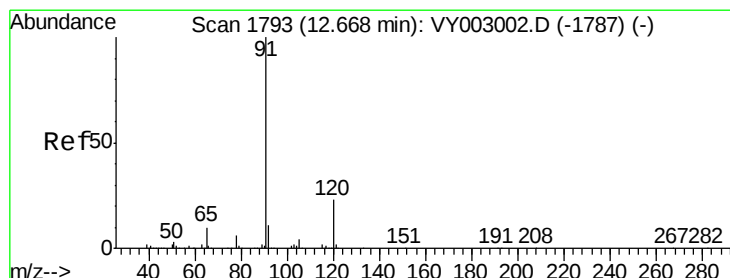
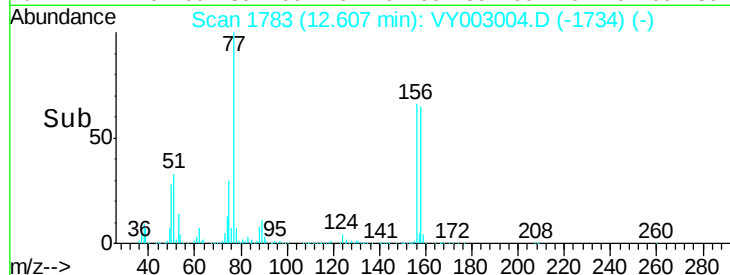
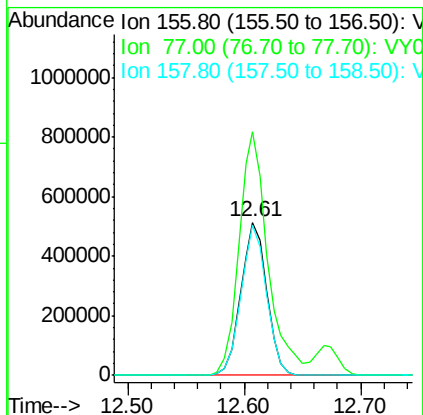
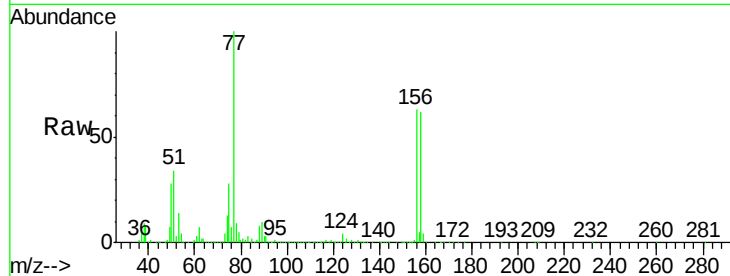
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	792783
Ion Ratio	Lower	Upper	
156	100		
77	176.3	90.0	270.0
158	96.9	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 144.931 ug/l

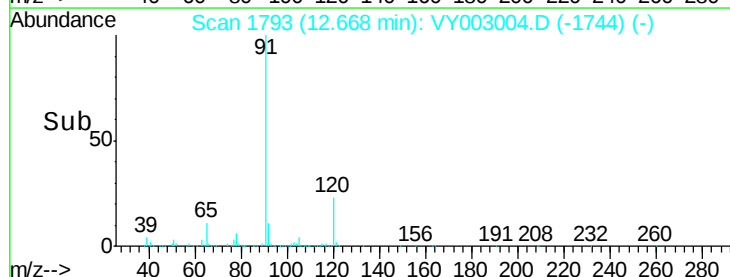
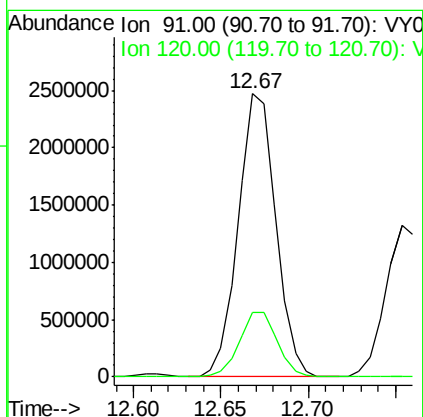
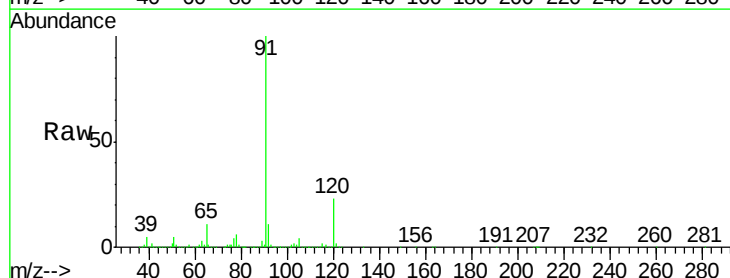
RT: 12.67 min Scan# 1793

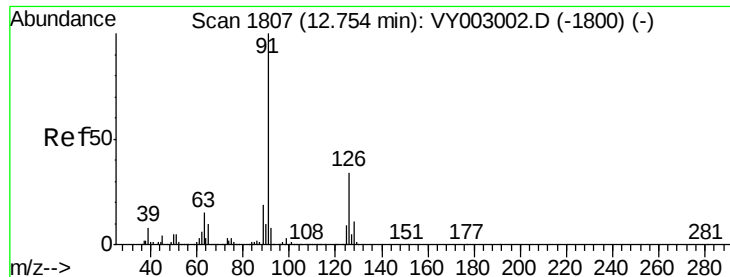
Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Tgt Ion:	91	Resp:	3685431
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 145.918 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2071135

Ion Ratio Lower Upper

91 100

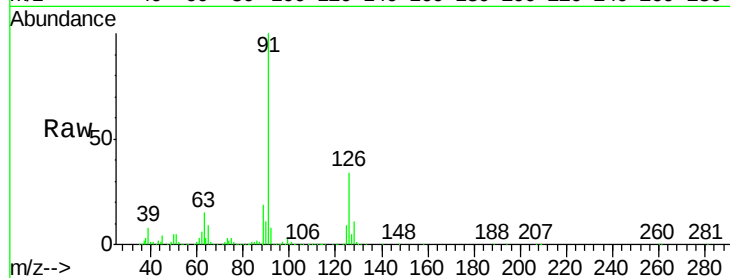
126 34.9 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003002.D (-1800) (-)

1500000

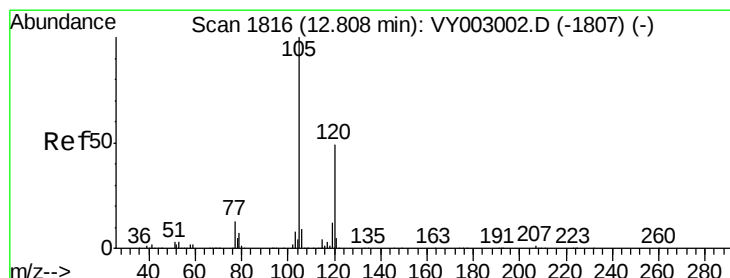
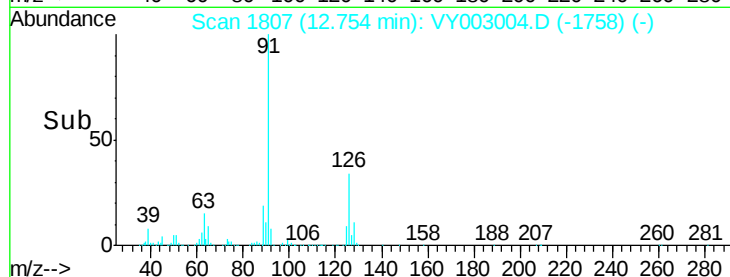
1000000

500000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 146.419 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003004.D

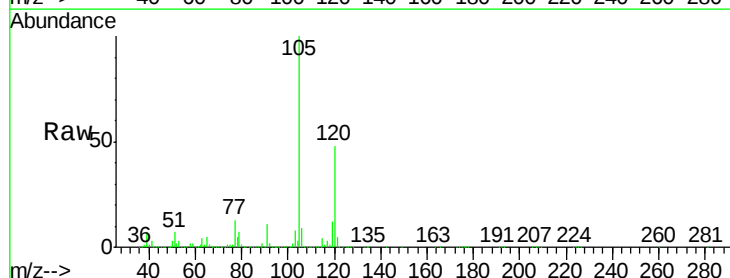
Acq: 29 Jun 2020 13:03

Tgt Ion:105 Resp: 2597912

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003002.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003002.D (-1807) (-)

2000000

1500000

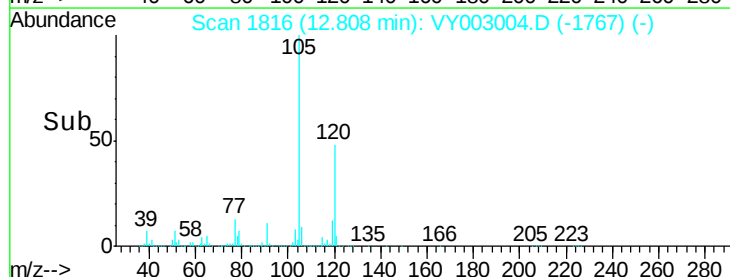
1000000

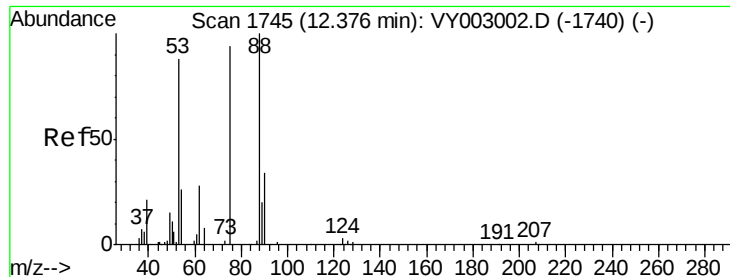
500000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 139.870 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 229872

Ion Ratio Lower Upper

75 100

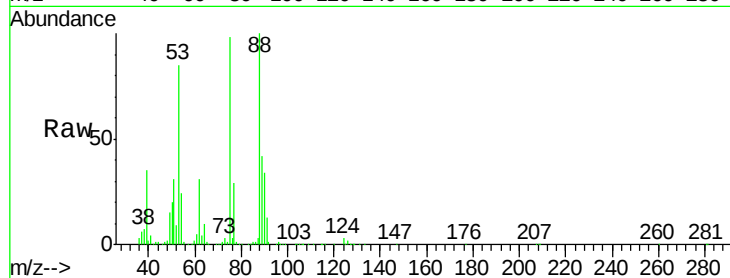
53 87.6 73.9 110.9

89 45.3 37.5 56.3

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

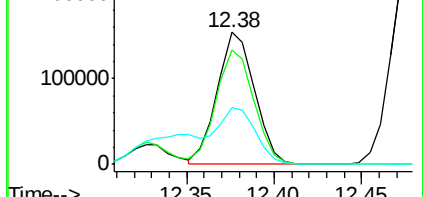
Ion 88.90 (88.60 to 89.60): VY0

300000

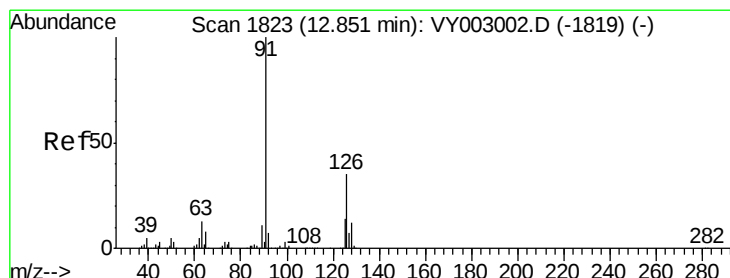
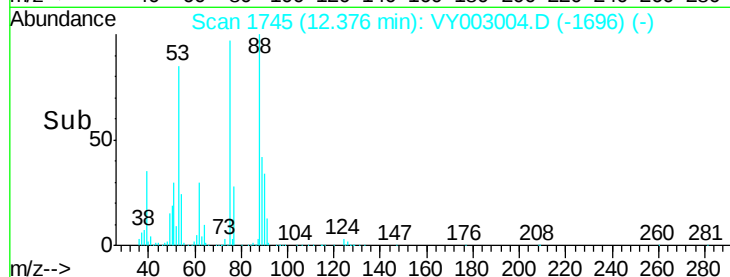
200000

100000

0



Time-->



#82

4-Chlorotoluene

Concen: 145.799 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003004.D

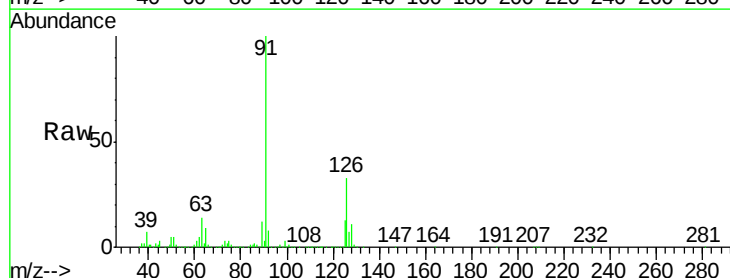
Acq: 29 Jun 2020 13:03

Tgt Ion: 91 Resp: 2154623

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

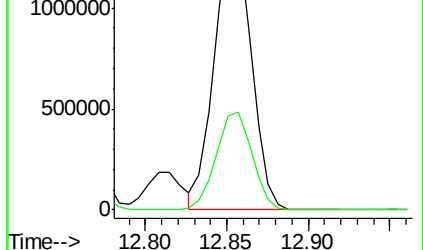
Ion 125.90 (125.60 to 126.60): V

1500000

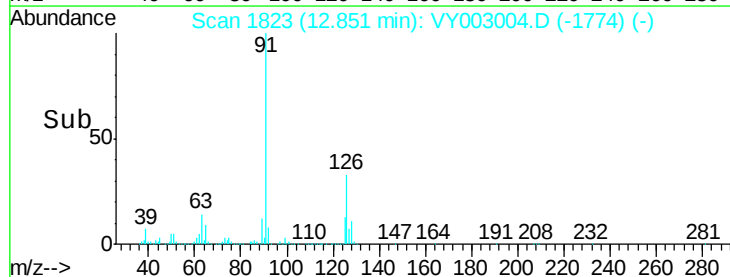
1000000

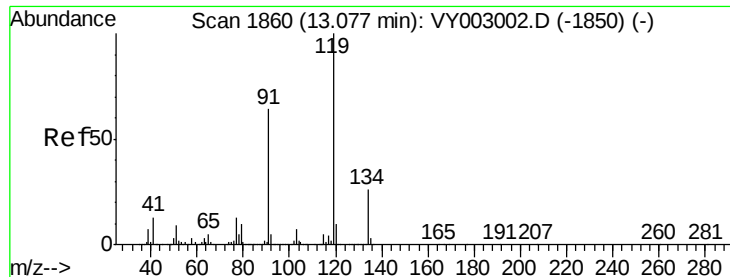
500000

0



Time-->





#83

tert-Butylbenzene

Concen: 144.277 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 2247804

Ion Ratio Lower Upper

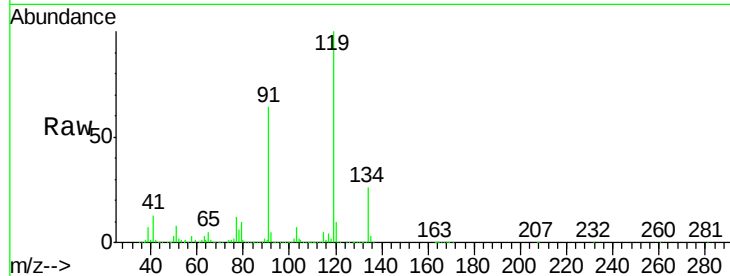
119 100

91 63.8 31.6 95.0

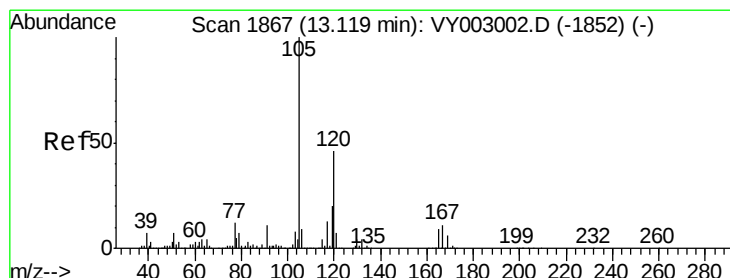
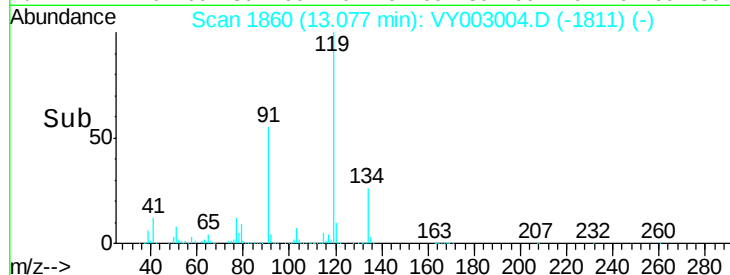
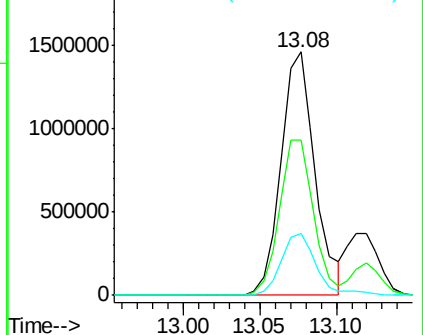
134 26.6 13.2 39.5

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 145.608 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003004.D

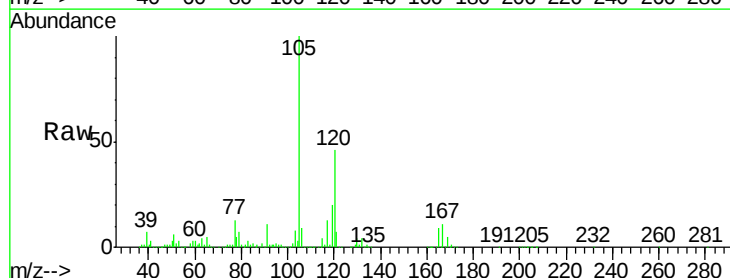
Acq: 29 Jun 2020 13:03

Tgt Ion:105 Resp: 2603308

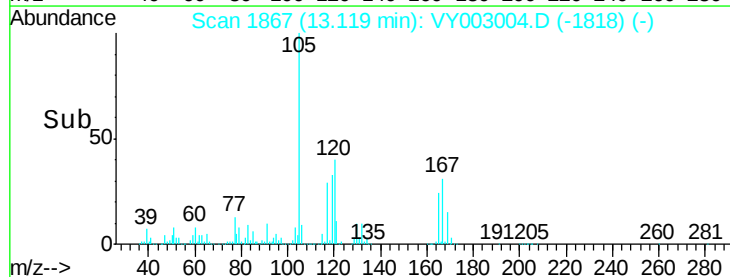
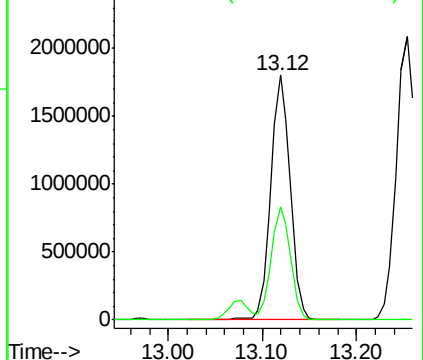
Ion Ratio Lower Upper

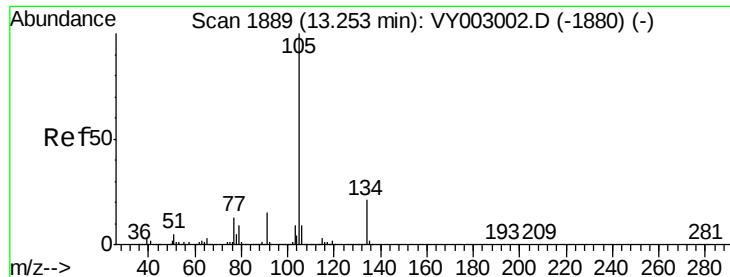
105 100

120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 143.257 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3076339

Ion Ratio Lower Upper

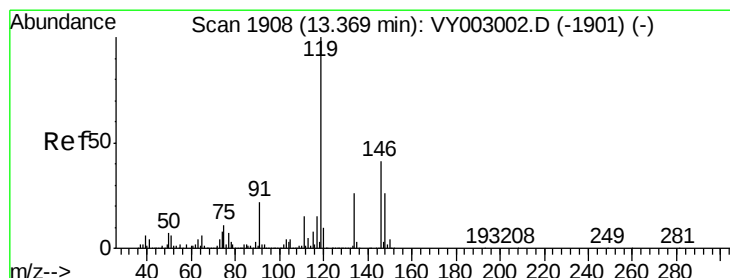
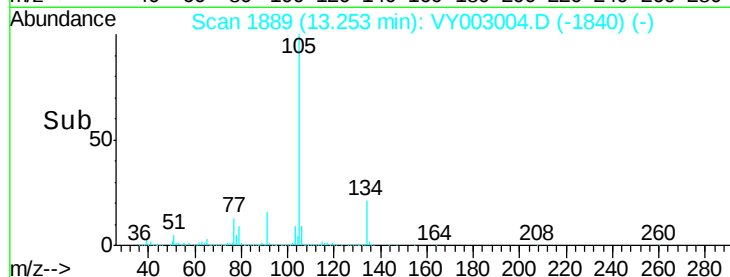
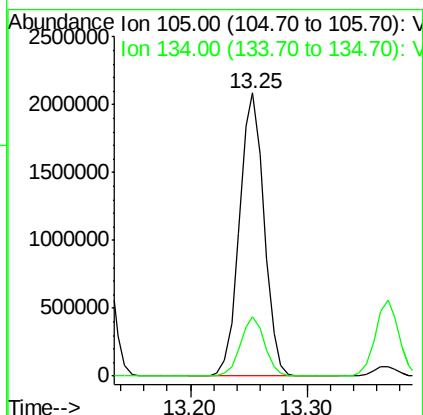
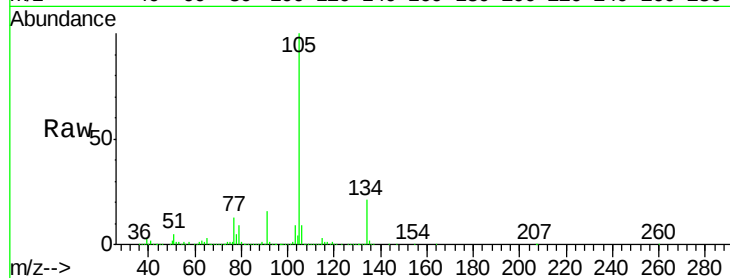
105 100

134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 145.409 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

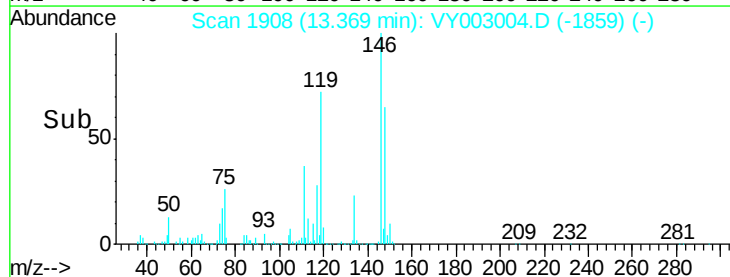
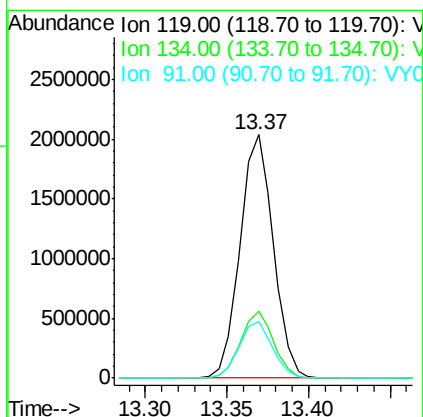
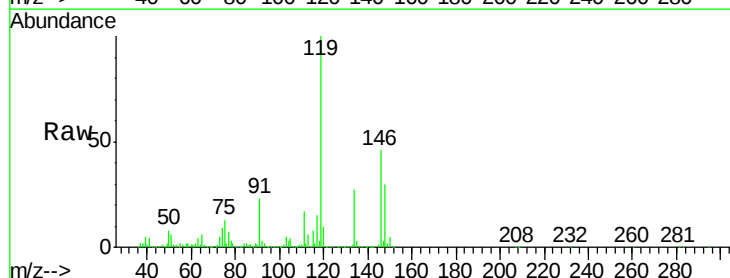
Tgt Ion:119 Resp: 2893421

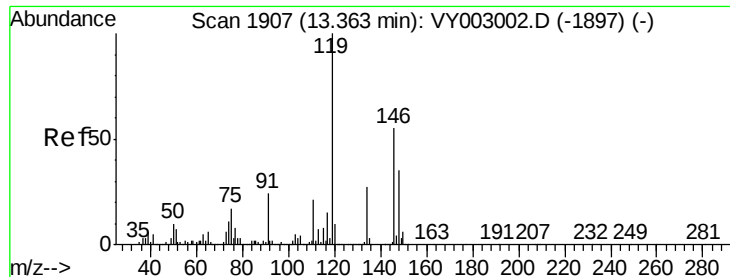
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 23.3 11.5 34.5





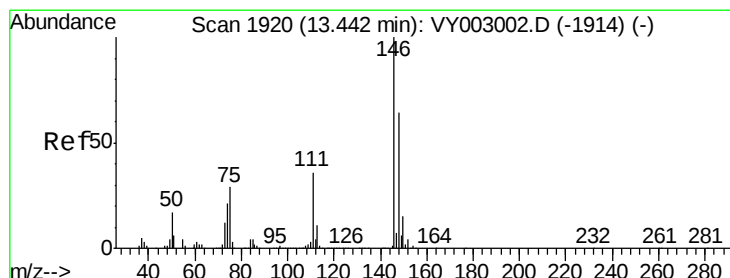
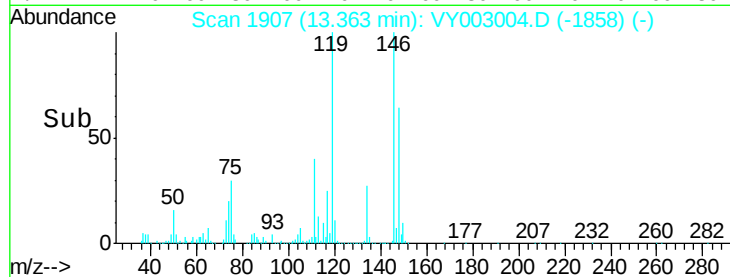
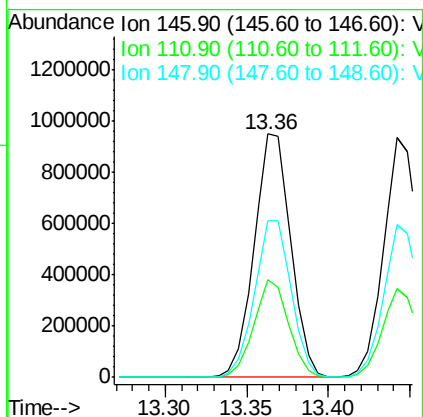
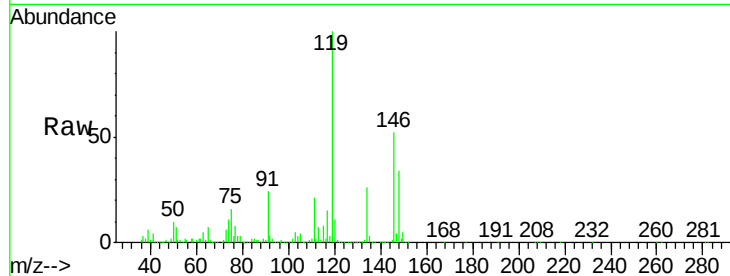
#87
 1,3-Dichlorobenzene
 Concen: 146.008 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1477816
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.3
 148 64.2 31.8 95.3

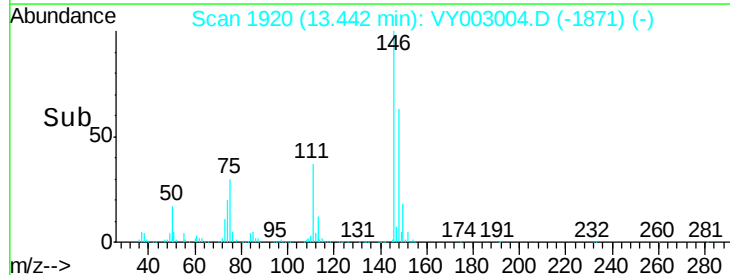
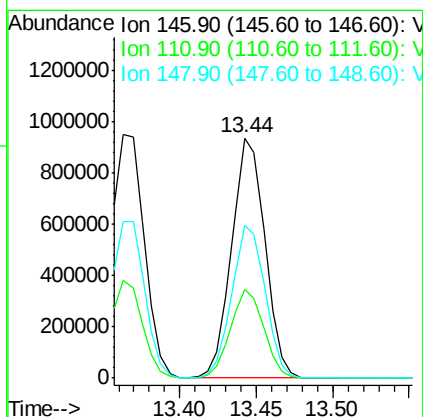
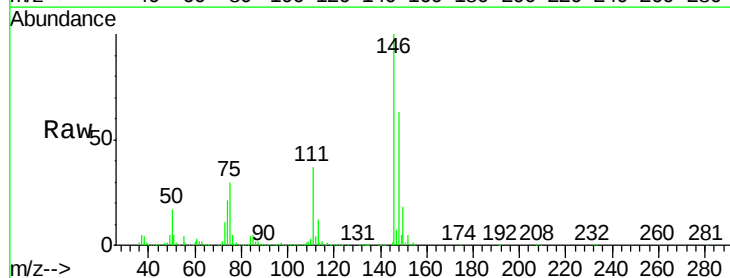
Manual Integrations
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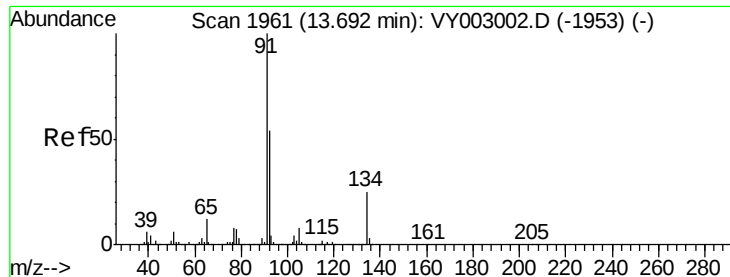
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#88
 1,4-Dichlorobenzene
 Concen: 141.826 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion:146 Resp: 1415499
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.4
 148 63.7 32.3 96.9





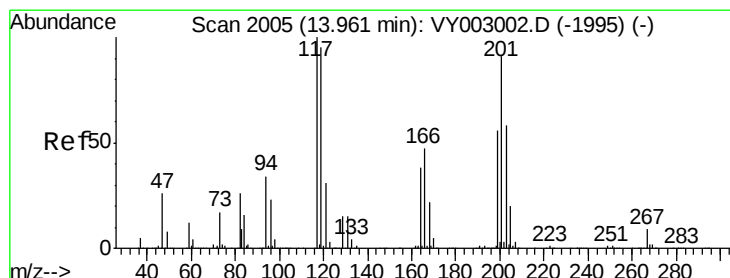
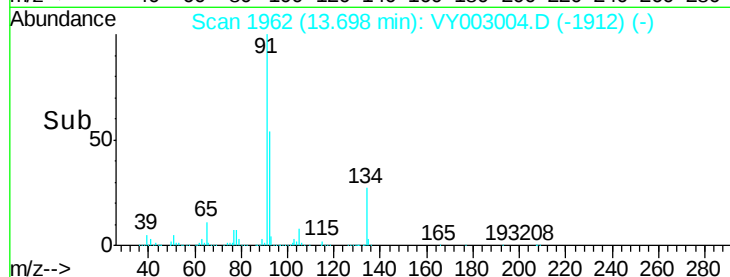
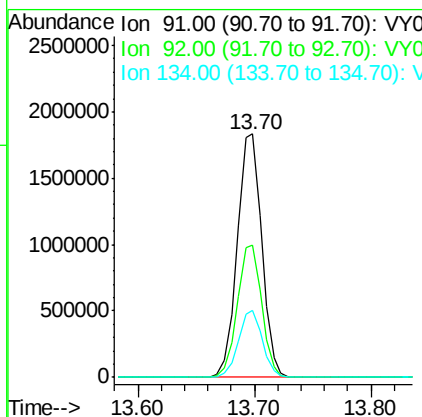
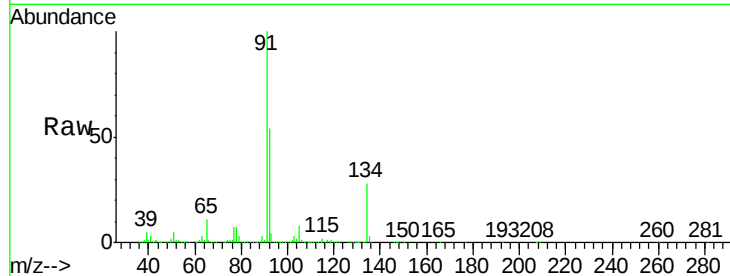
#89
n-Butylbenzene
Concen: 141.598 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.3
134	26.7	13.1	39.1

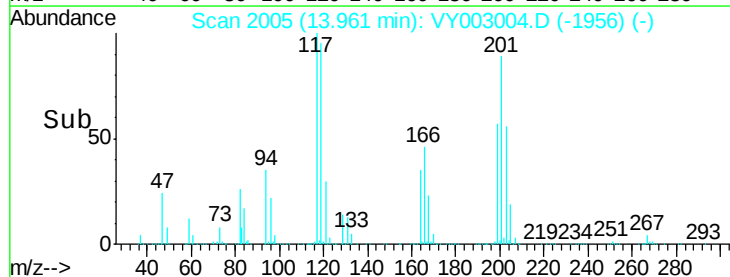
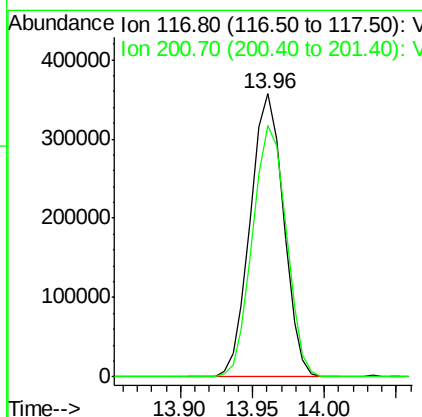
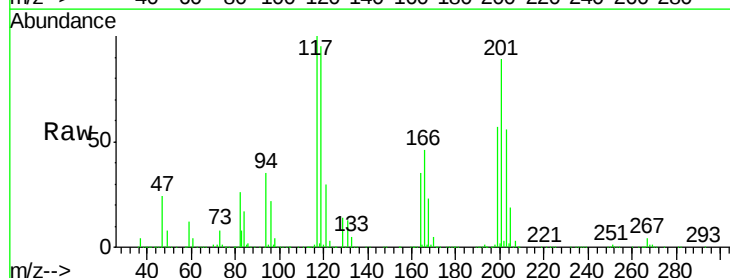
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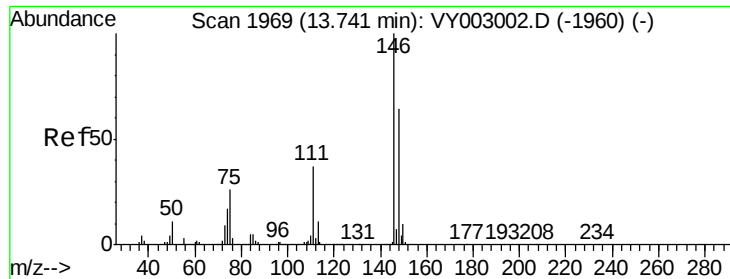
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#90
Hexachloroethane
Concen: 144.856 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 140.595 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1276761

Ion Ratio Lower Upper

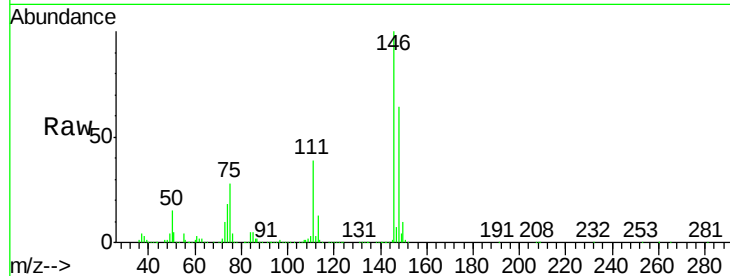
146 100

111 39.3 19.1 57.5

148 63.9 31.8 95.3

Manual Integrations
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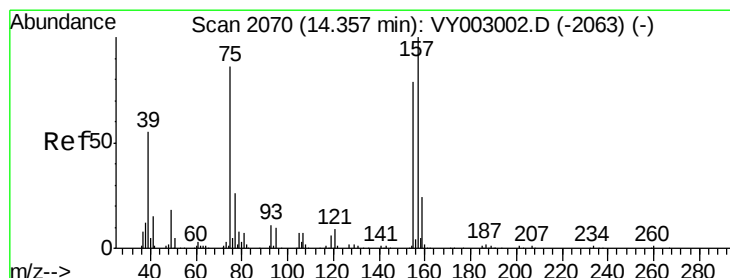
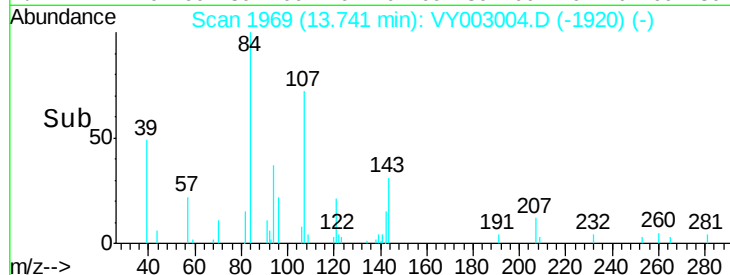
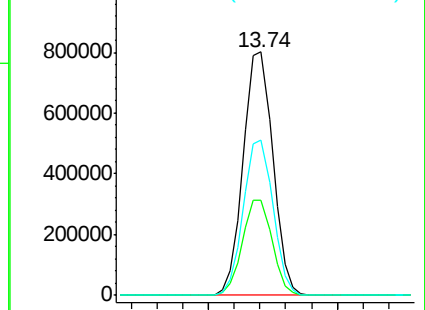
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 128.725 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003004.D

Acq: 29 Jun 2020 13:03

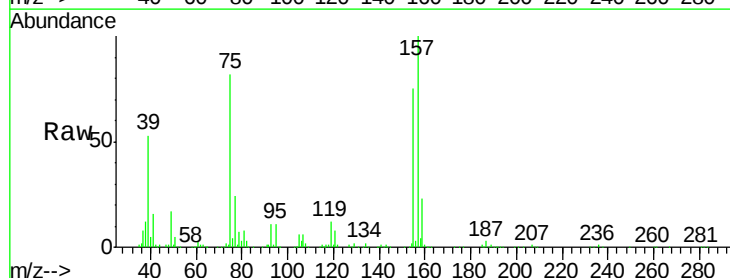
Tgt Ion: 75 Resp: 97233

Ion Ratio Lower Upper

75 100

155 93.4 46.5 139.3

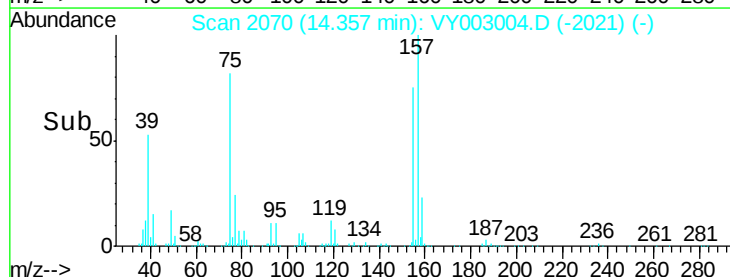
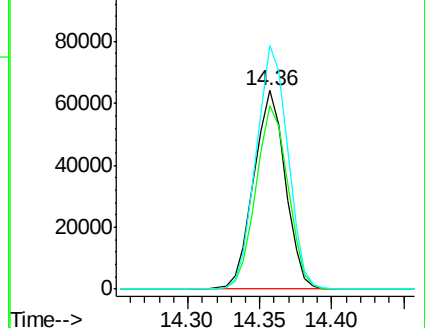
157 122.4 59.2 177.5

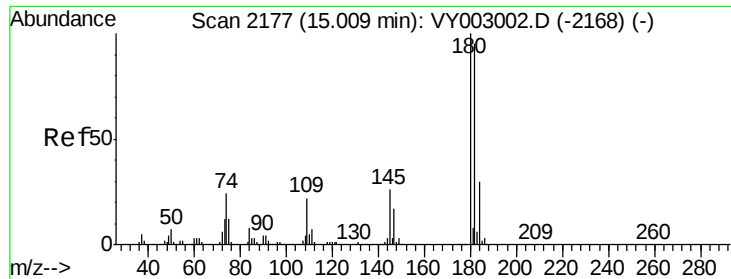


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





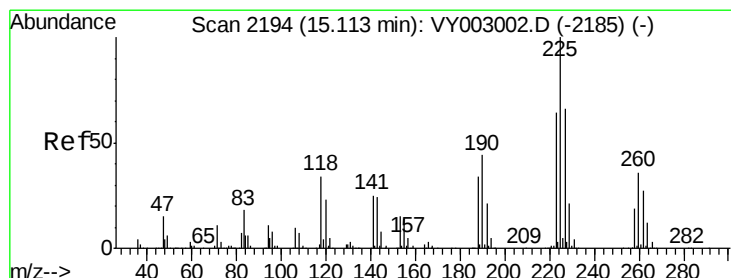
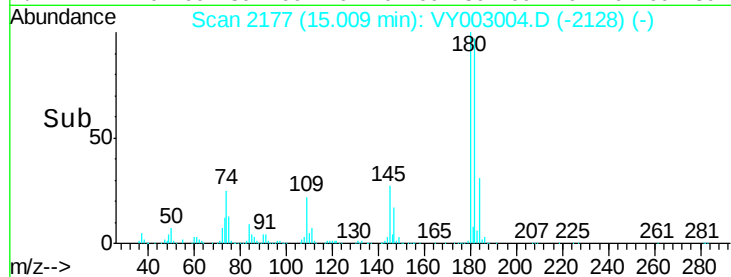
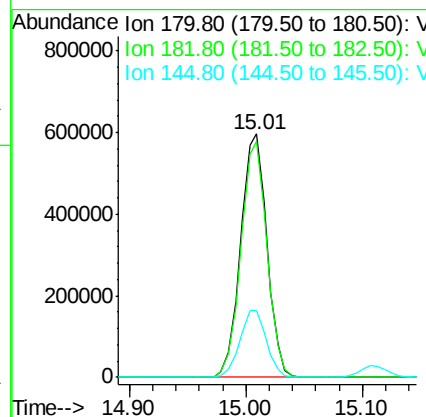
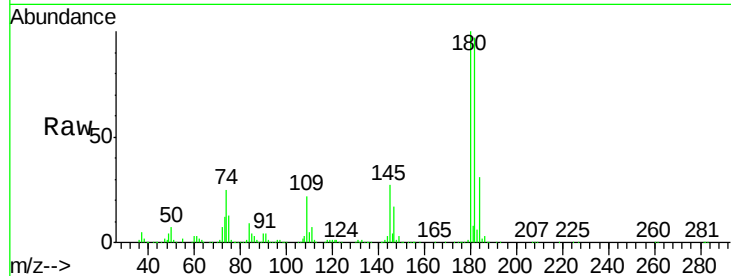
#93
 1,2,4-Trichlorobenzene
 Concen: 138.654 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	935618		
182	95.9	48.1	144.3	
145	28.0	13.9	41.6	

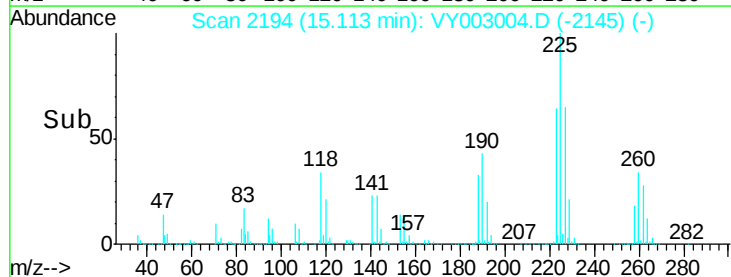
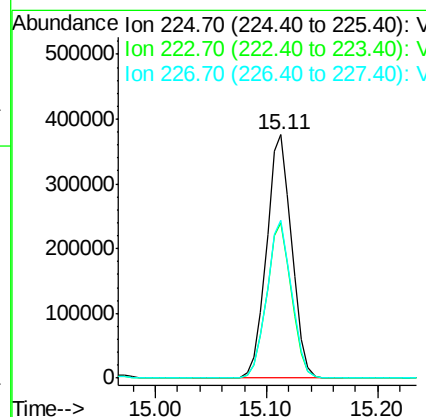
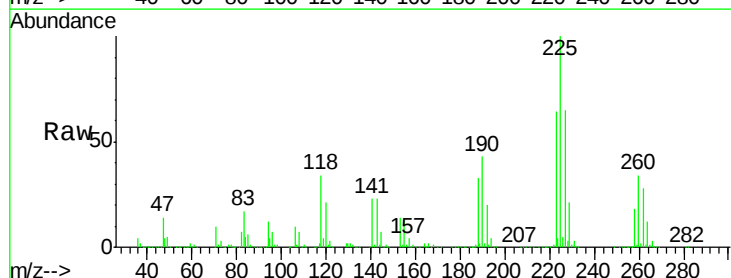
Manual Integrations
 APPROVED

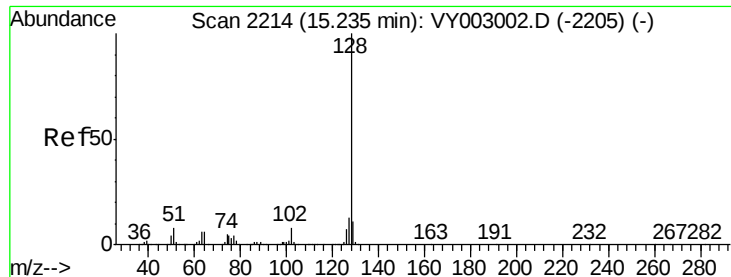
MMDadoda
 6/30/2020 12:54:12 PM



#94
 Hexachlorobutadiene
 Concen: 138.672 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003004.D
 Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	590234		
223	63.1	32.4	97.0	
227	64.2	32.4	97.2	





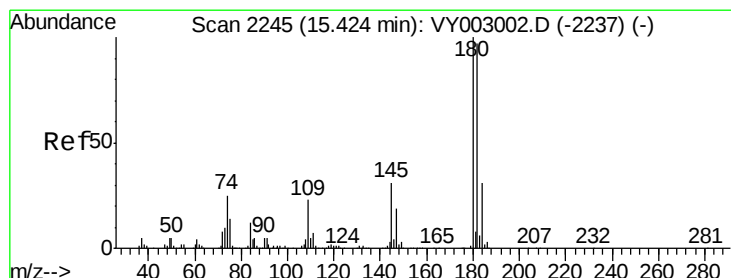
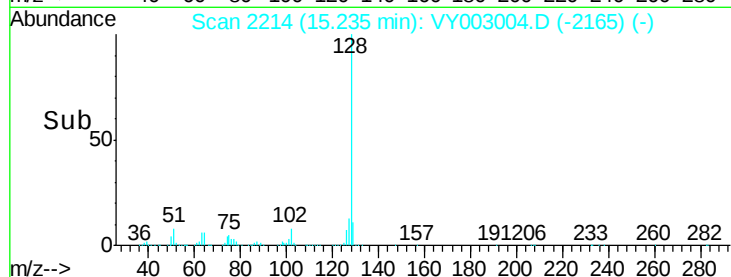
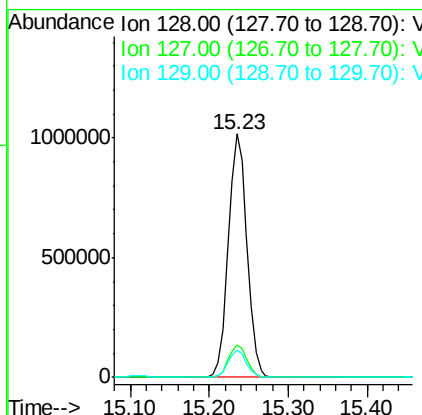
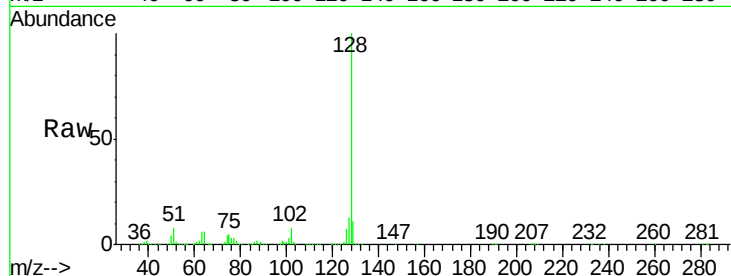
#95
Naphthalene
Concen: 134.764 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 138.704 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003004.D
Acq: 29 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	29.0	14.7	44.1

