

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002083.D
 Acq On : 25 Mar 2020 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 3/26/2020 10:59:15 AM

Quant Time: Mar 26 09:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	130487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	245906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	73095	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
35) Dibromofluoromethane	7.75	113	67050	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.20	98	265381	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.50	95	99544	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	46854	38.900	ug/l	96
3) Chloromethane	2.13	50	70500	43.413	ug/l	99
4) Vinyl Chloride	2.27	62	70827	42.878	ug/l	98
5) Bromomethane	2.66	94	52314	54.784	ug/l	99
6) Chloroethane	2.81	64	49295	47.508	ug/l	96
7) Trichlorofluoromethane	3.15	101	100826	45.008	ug/l	92
8) Diethyl Ether	3.55	74	48220	54.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69505	48.239	ug/l	100
10) Methyl Iodide	4.12	142	76479	45.899	ug/l	99
11) Tert butyl alcohol	4.99	59	40866	285.068	ug/l	96
12) 1,1-Dichloroethene	3.90	96	67332	46.411	ug/l	92
13) Acrolein	3.76	56	52410	267.733	ug/l	96
14) Allyl chloride	4.51	41	133690	51.980	ug/l	98
15) Acrylonitrile	5.20	53	137244	290.893	ug/l	100
16) Acetone	3.97	43	99449	245.108	ug/l	97
17) Carbon Disulfide	4.22	76	197098	40.414	ug/l	99
18) Methyl Acetate	4.51	43	61670	59.155	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	224043	56.986	ug/l	96
20) Methylene Chloride	4.75	84	88403	50.838	ug/l	95
21) trans-1,2-Dichloroethene	5.26	96	80037	48.605	ug/l	98
22) Diisopropyl ether	6.16	45	298126	56.548	ug/l	98
23) Vinyl Acetate	6.10	43	998436	288.884	ug/l	100
24) 1,1-Dichloroethane	6.06	63	150518	52.721	ug/l	99
25) 2-Butanone	7.02	43	173568	281.304	ug/l	100
26) 2,2-Dichloropropane	7.02	77	113889	48.602	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	94934	53.000	ug/l	99
28) Bromochloromethane	7.36	49	72306	56.188	ug/l	98
29) Tetrahydrofuran	7.38	42	120709	294.602	ug/l	99
30) Chloroform	7.53	83	146499	54.616	ug/l	99
31) Cyclohexane	7.82	56	135319	44.205	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	117752	52.085	ug/l	98
36) 1,1-Dichloropropene	7.94	75	112225	47.425	ug/l	99
37) Ethyl Acetate	7.11	43	77278	56.189	ug/l	100
38) Carbon Tetrachloride	7.93	117	97788	48.375	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	141573	45.107	ug/l	96
40) Benzene	8.19	78	349421	49.818	ug/l	99
41) Methacrylonitrile	7.34	41	33002m	53.319	ug/l	
42) 1,2-Dichloroethane	8.27	62	98613	54.562	ug/l	99
43) Isopropyl Acetate	8.30	43	150144	57.661	ug/l	98
44) Trichloroethene	8.96	130	83788	49.051	ug/l	98
45) 1,2-Dichloropropane	9.24	63	94554	53.627	ug/l	100
46) Dibromomethane	9.33	93	47826	52.637	ug/l	99
47) Bromodichloromethane	9.52	83	115786	54.781	ug/l	99
48) Methyl methacrylate	9.32	41	66207	57.301	ug/l	96
49) 1,4-Dioxane	9.32	88	13302	1068.422	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	393129	293.119	ug/l	99
52) Toluene	10.26	92	215841	50.657	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	127732	55.470	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	146828	53.562	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	73008	54.904	ug/l	97
56) Ethyl methacrylate	10.53	69	110338	56.611	ug/l	94
57) 1,3-Dichloropropane	10.81	76	130069	54.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	178379	263.544	ug/l	99
59) 2-Hexanone	10.85	43	274050	286.280	ug/l	100
60) Dibromochloromethane	11.00	129	78830	56.260	ug/l	99
61) 1,2-Dibromoethane	11.11	107	68683	54.528	ug/l	100
64) Tetrachloroethene	10.74	164	68420	48.206	ug/l	97
65) Chlorobenzene	11.53	112	226693	50.269	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	79888	54.020	ug/l	99
67) Ethyl Benzene	11.61	91	416936	49.574	ug/l	98
68) m/p-Xylenes	11.72	106	311424	100.155	ug/l	99
69) o-Xylene	12.05	106	151243	51.606	ug/l	98
70) Styrene	12.06	104	266219	53.037	ug/l	100
71) Bromoform	12.22	173	45177	56.330	ug/l #	97
73) Isopropylbenzene	12.35	105	399424	47.056	ug/l	100
74) N-amyl acetate	12.16	43	140077	53.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	94473	51.611	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	58074m	44.015	ug/l	
77) Bromobenzene	12.63	156	119426m	66.406	ug/l	
78) n-propylbenzene	12.69	91	494991	47.267	ug/l	100
79) 2-Chlorotoluene	12.77	91	277893	48.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	333482	47.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	32473	49.715	ug/l	95
82) 4-Chlorotoluene	12.87	91	290031	48.146	ug/l	99
83) tert-Butylbenzene	13.09	119	277262	47.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	336666	48.546	ug/l	100
85) sec-Butylbenzene	13.27	105	412534	48.221	ug/l	100
86) p-Isopropyltoluene	13.38	119	355287	48.143	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	171030	48.531	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	175526	49.095	ug/l	99
89) n-Butylbenzene	13.71	91	362567	47.354	ug/l	98
90) Hexachloroethane	13.97	117	68828	49.438	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	160002	49.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	15100	52.864	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	102704	49.465	ug/l	99
94) Hexachlorobutadiene	15.12	225	48547	47.958	ug/l	100
95) Naphthalene	15.25	128	257657	52.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	92457	50.548	ug/l	99

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

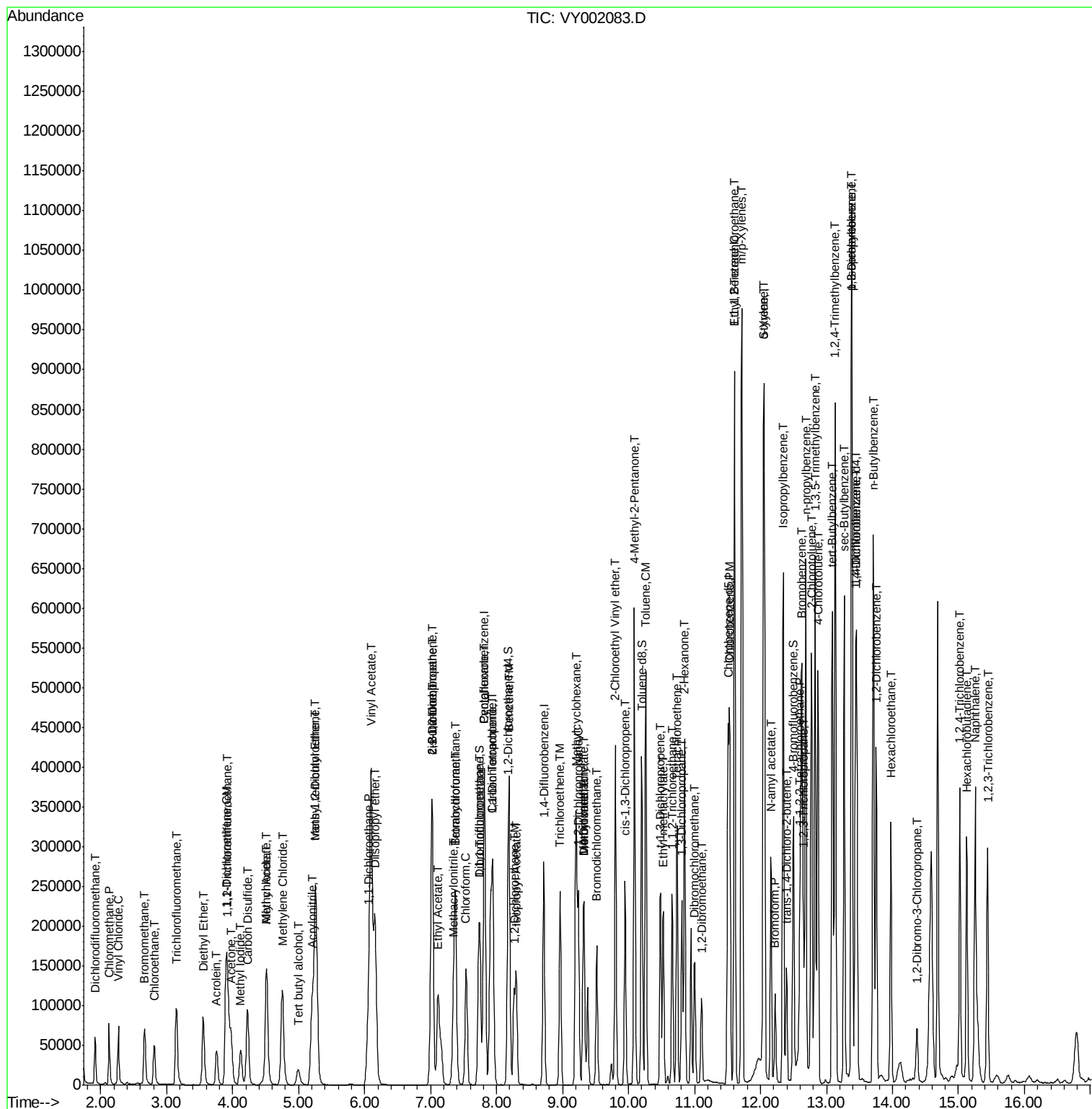
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 130487

Ion Ratio Lower Upper

168 100

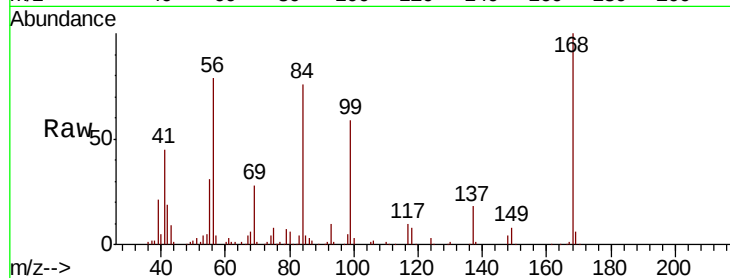
99 59.2 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

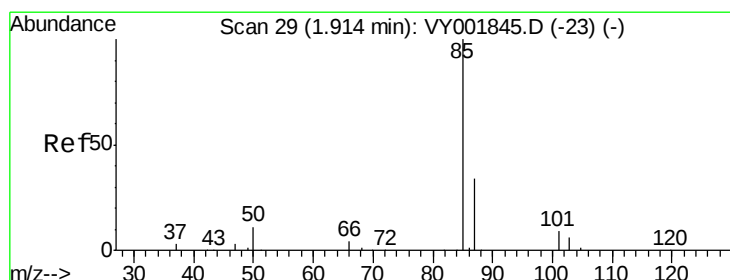
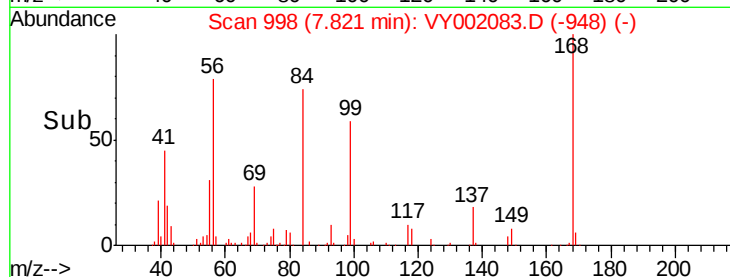
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.900 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002083.D

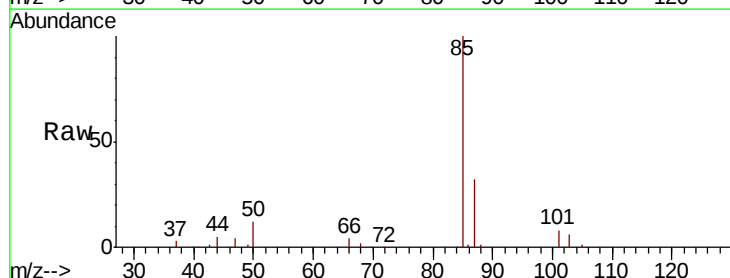
Acq: 25 Mar 2020 21:19

Tgt Ion: 85 Resp: 46854

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

40000

30000

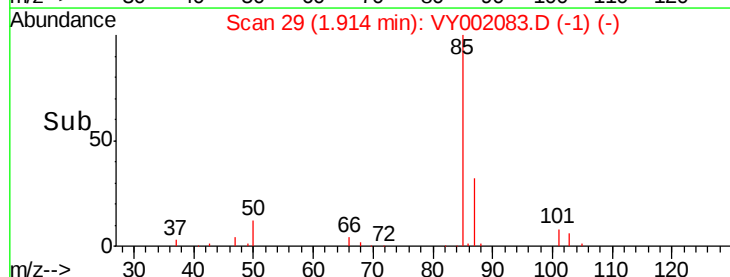
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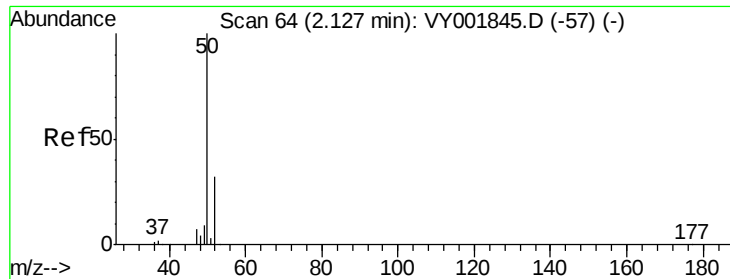
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 43.413 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tot Ion: 50 Resp: 70500

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6

Instrument :

MSVOA_Y

ClientSampleId :

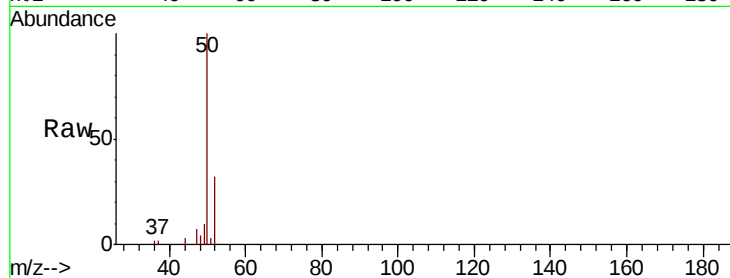
VSTDCCC050EC

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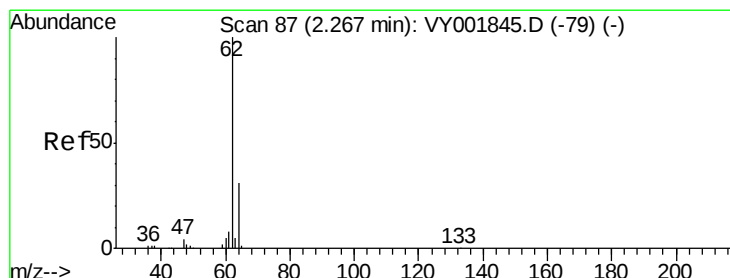
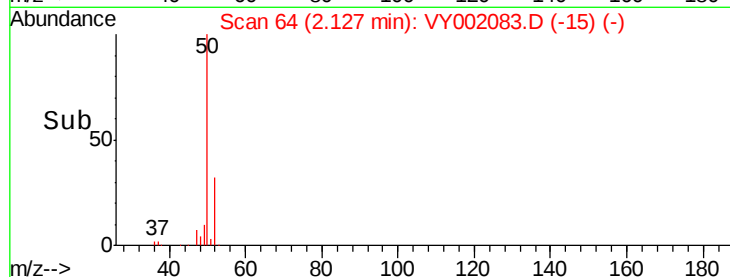
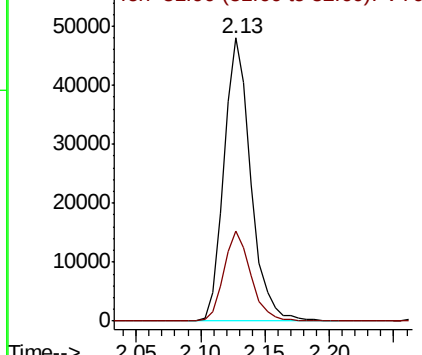
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.878 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002083.D

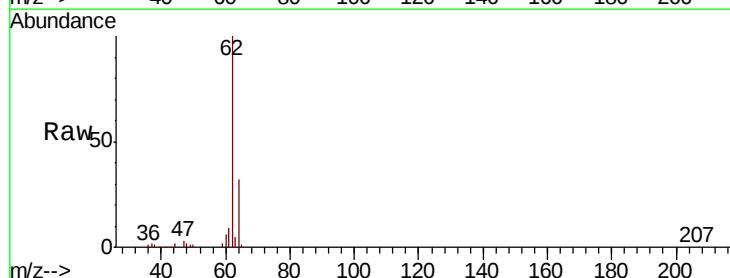
Acq: 25 Mar 2020 21:19

Tgt Ion: 62 Resp: 70827

Ion Ratio Lower Upper

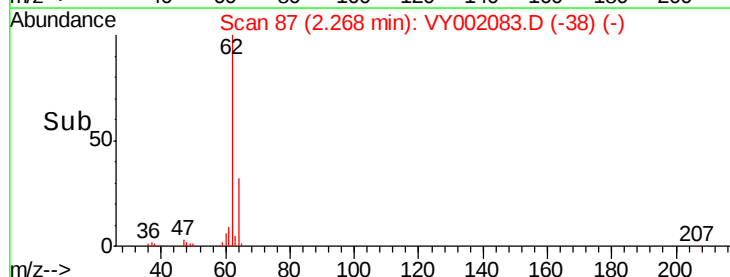
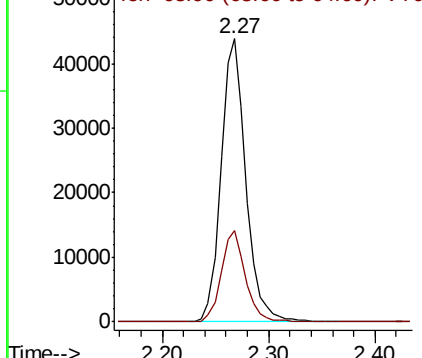
62 100

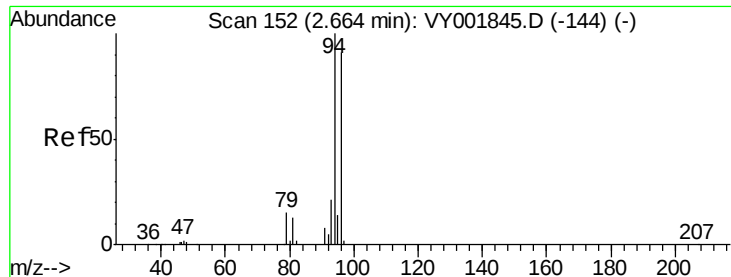
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.784 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 52314

Ion Ratio Lower Upper

94 100

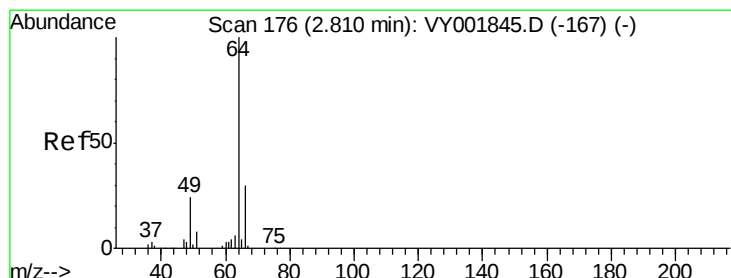
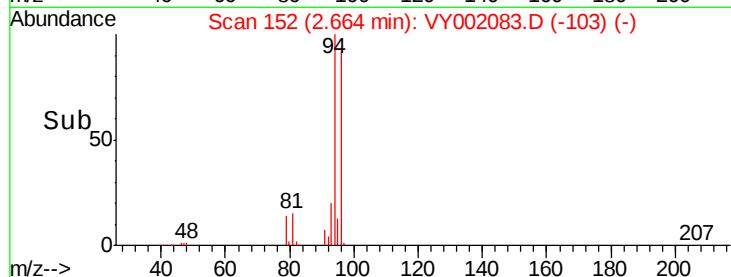
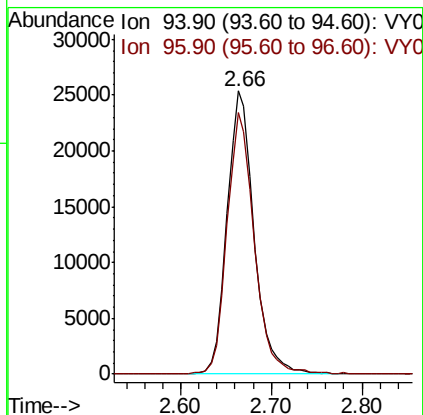
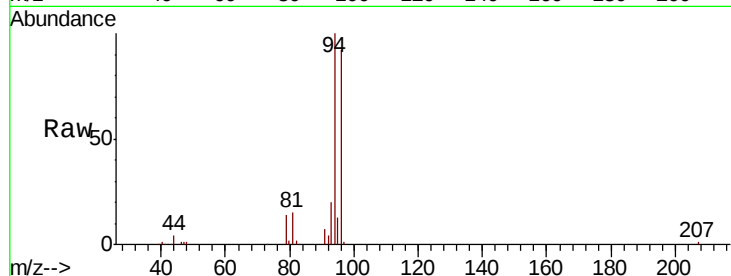
96 92.2 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 47.508 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002083.D

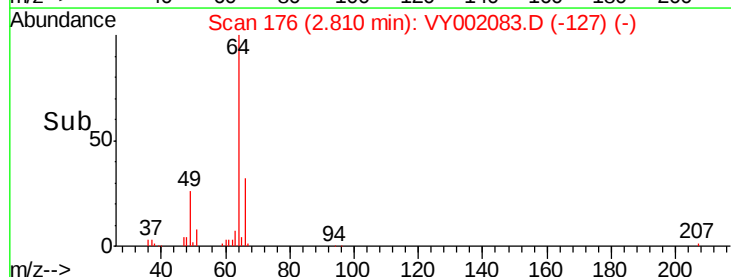
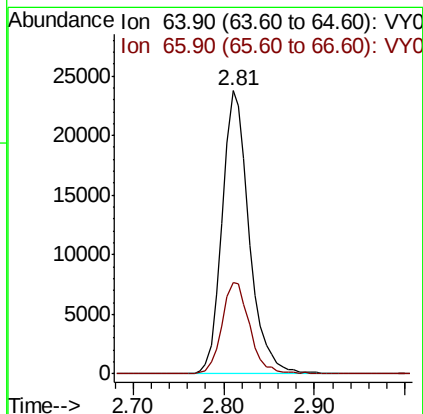
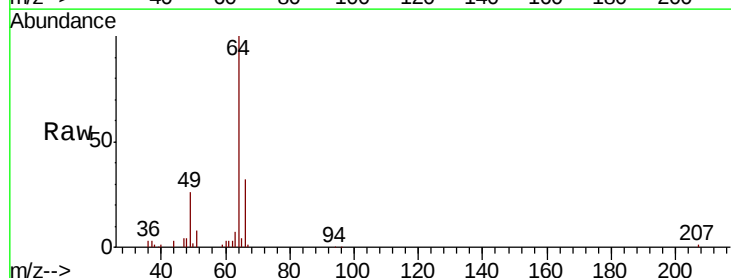
Acq: 25 Mar 2020 21:19

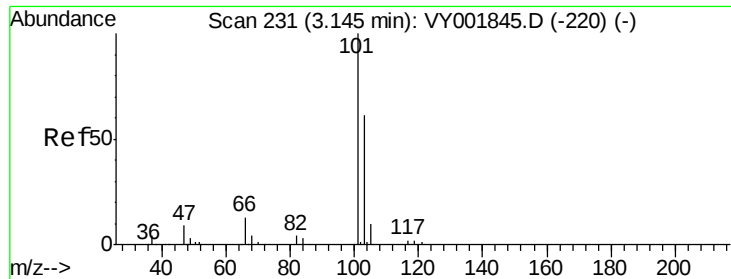
Tgt Ion: 64 Resp: 49295

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.8





#7

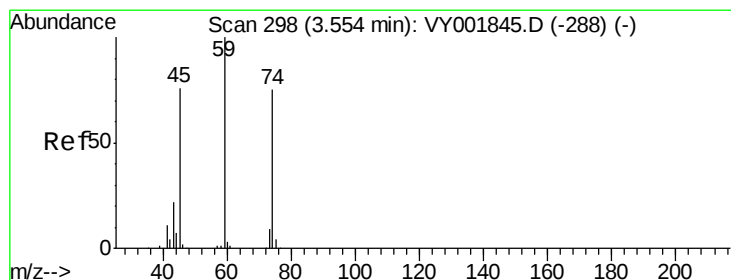
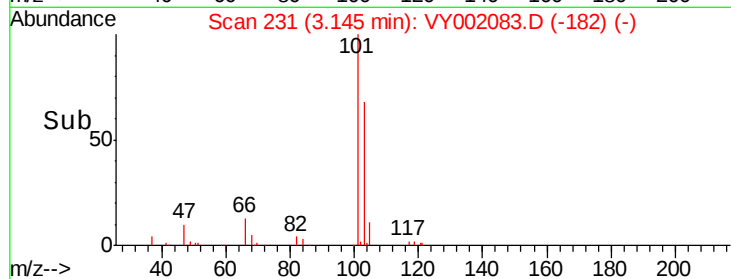
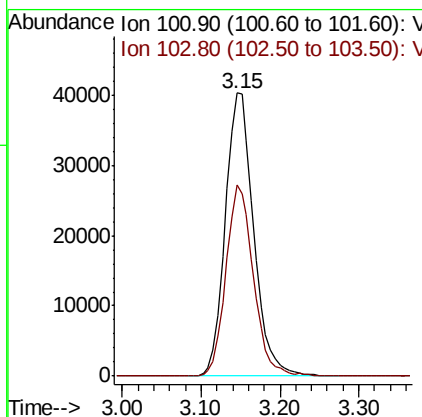
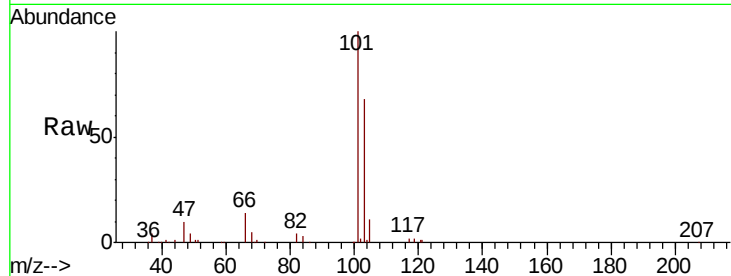
Trichlorofluoromethane
 Concen: 45.008 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002083.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	49.1	73.7

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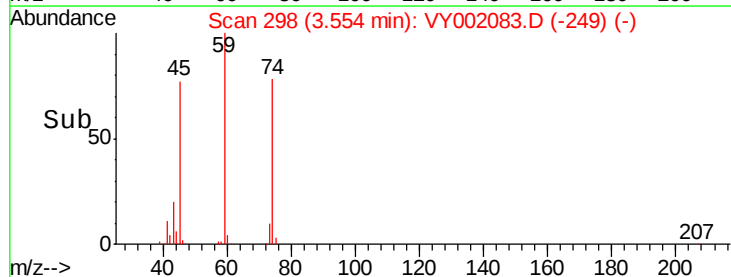
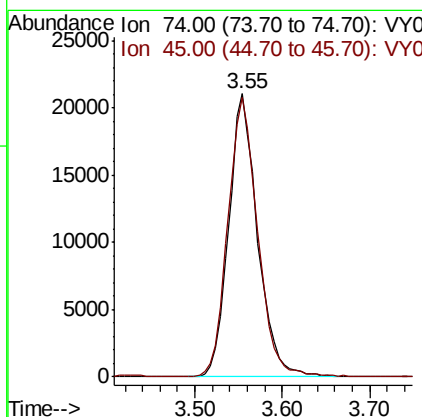
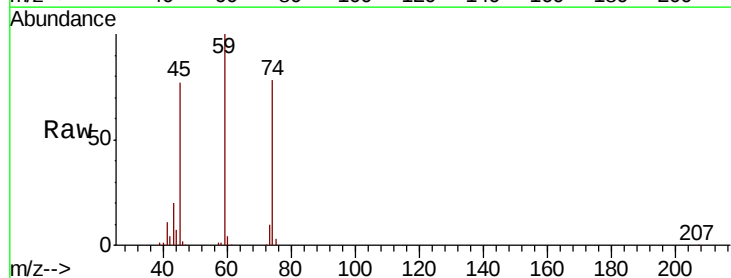
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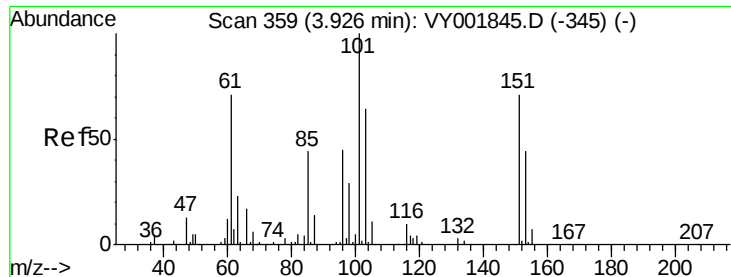


#8

Diethyl Ether
 Concen: 54.614 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002083.D

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MSVOA_Y

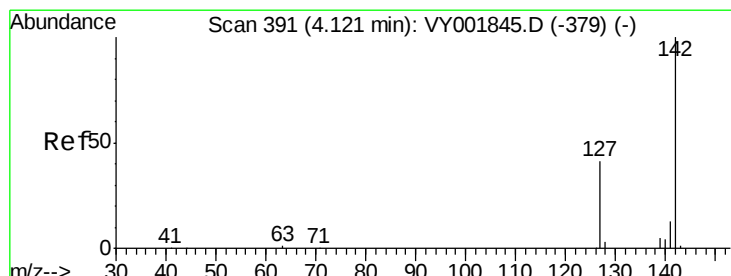
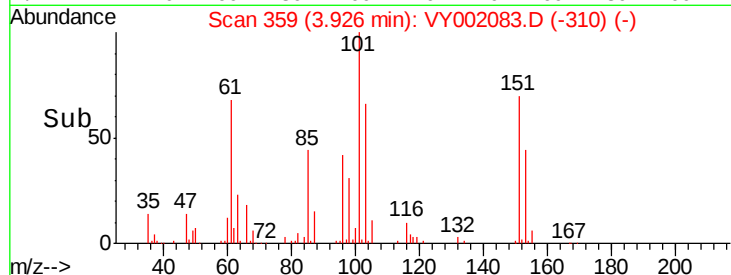
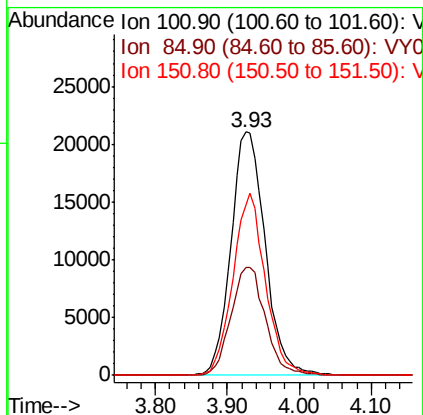
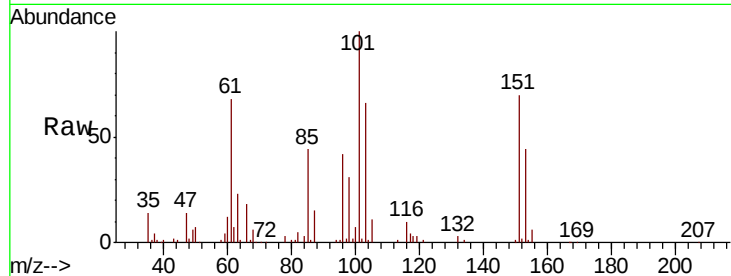
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	69505
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.3	52.9
151	71.0	57.0	85.4

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#10

Methyl Iodide

Concen: 45.899 ug/l

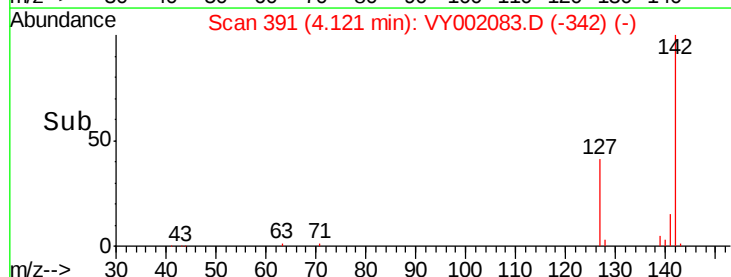
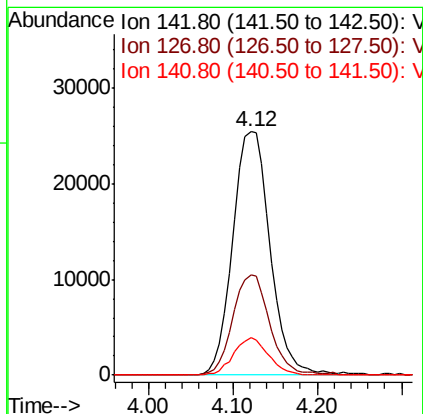
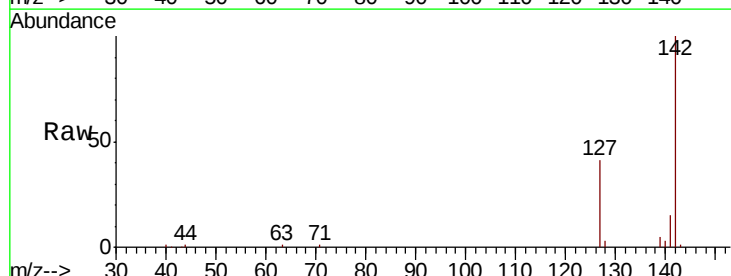
RT: 4.12 min Scan# 391

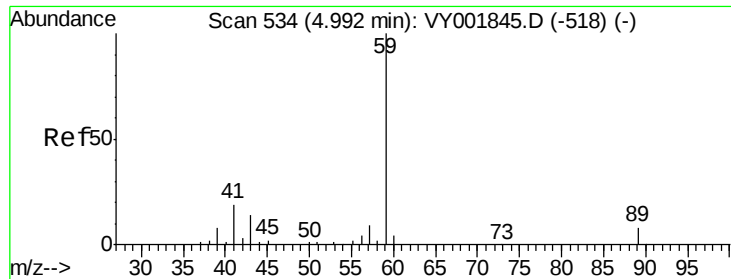
Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	142	Resp:	76479
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.7	49.1
141	14.3	11.0	16.6





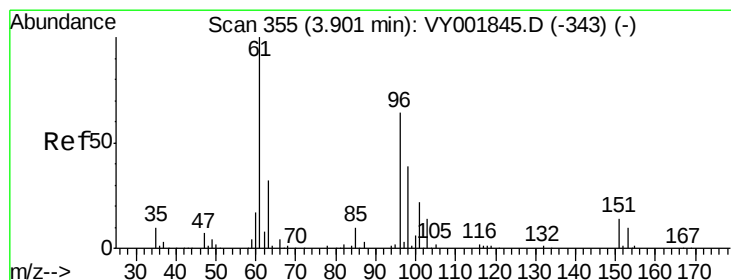
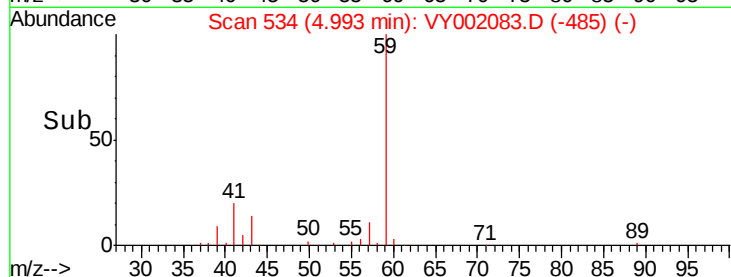
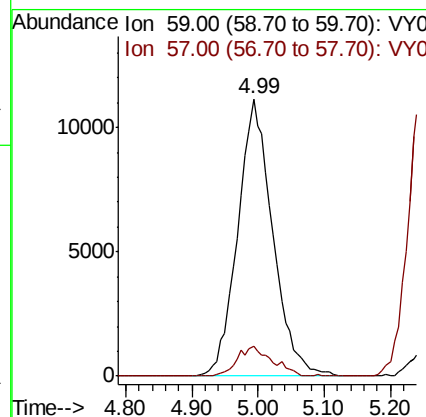
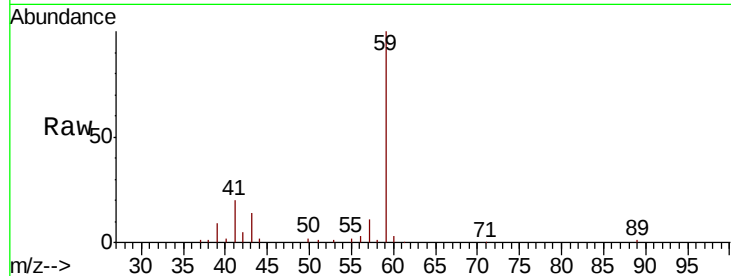
#11
Tert butyl alcohol
Concen: 285.068 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	40866
Ion Ratio	100	Lower	Upper
57	10.6	7.4	11.2

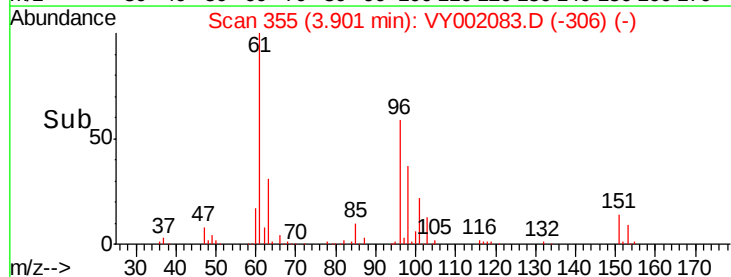
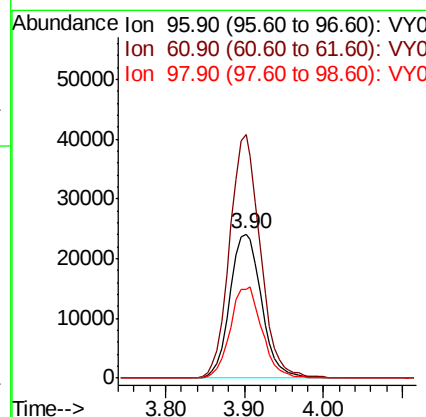
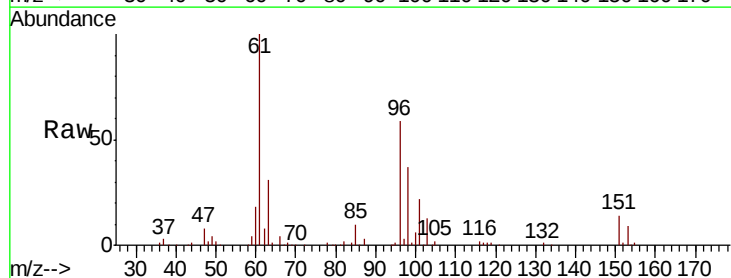
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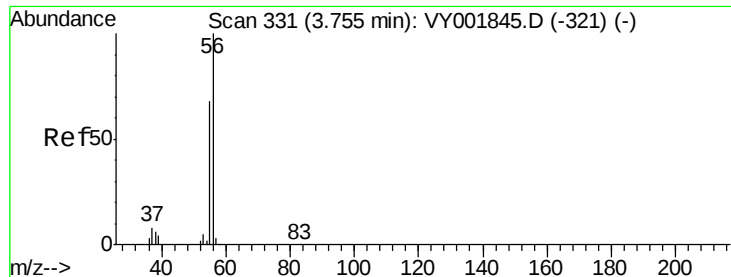
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#12
1,1-Dichloroethene
Concen: 46.411 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	96	Resp	67332
Ion Ratio	100	Lower	Upper
61	169.3	124.8	187.2
98	62.1	49.2	73.8





#13

Acrolein

Concen: 267.733 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52410

Ion Ratio Lower Upper

56 100

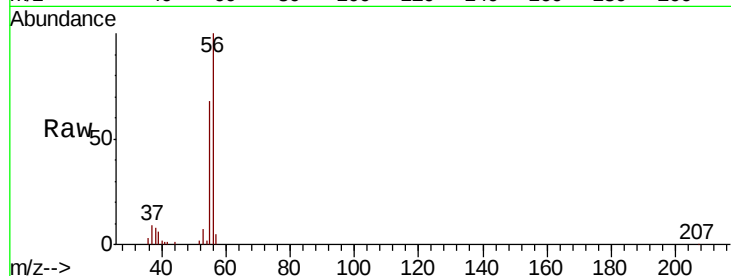
55 70.6 54.0 81.0

Manual Integrations

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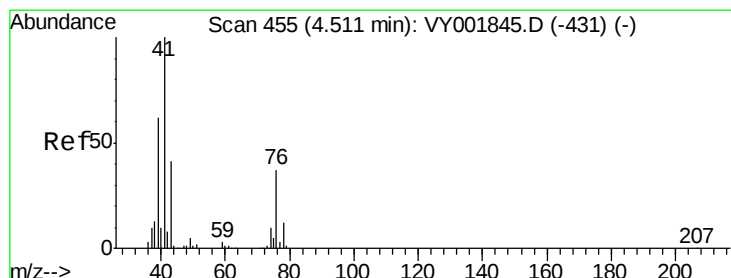
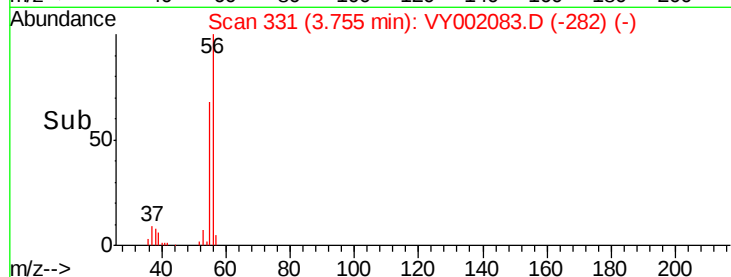
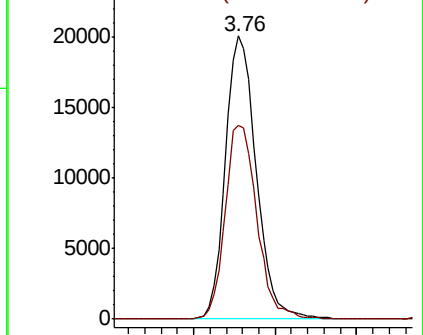
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.980 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

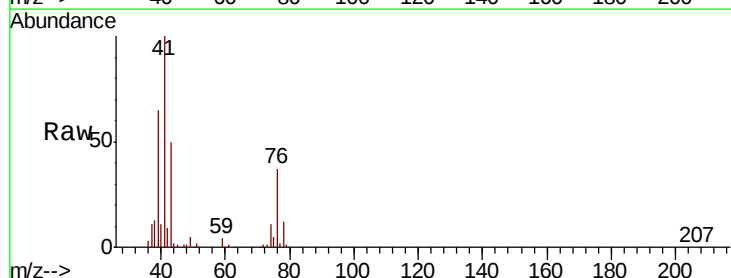
Tgt Ion: 41 Resp: 133690

Ion Ratio Lower Upper

41 100

39 61.8 49.0 73.6

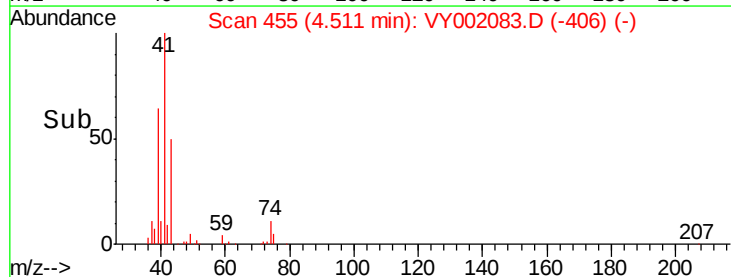
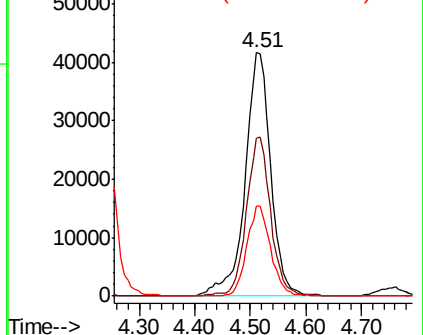
76 34.3 28.9 43.3

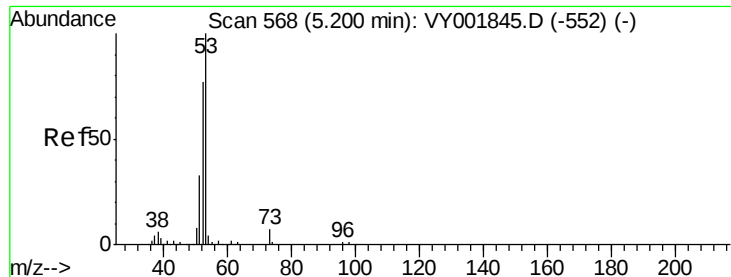


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





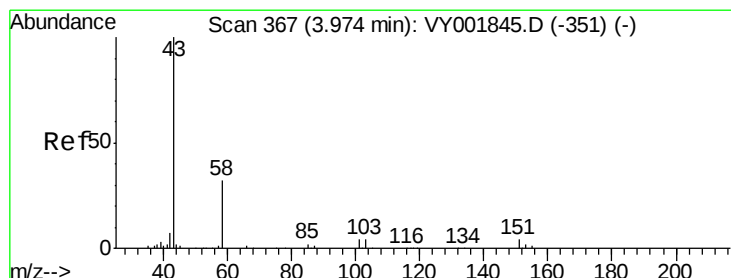
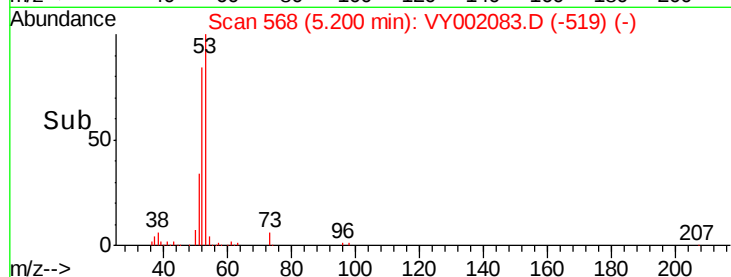
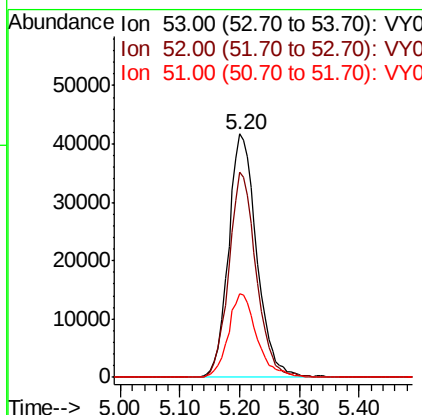
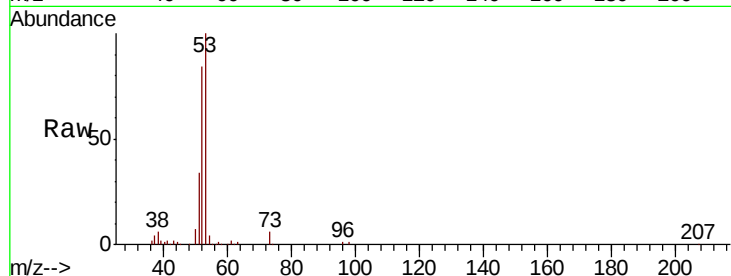
#15
 Acrylonitrile
 Concen: 290.893 ug/l
 RT: 5.20 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	34.8	27.5	41.3

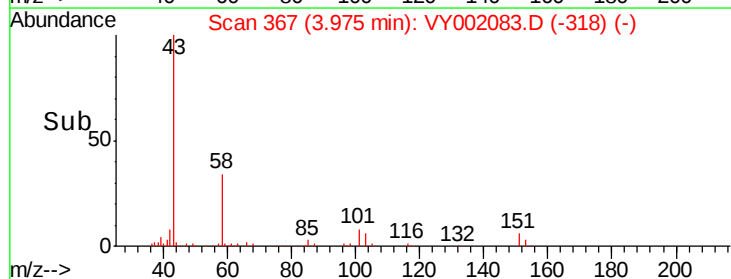
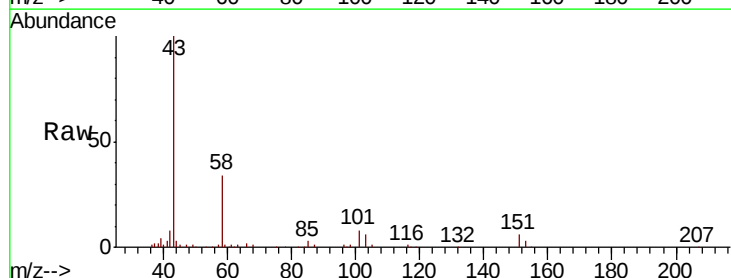
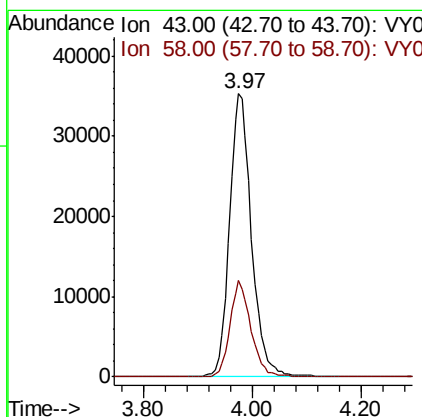
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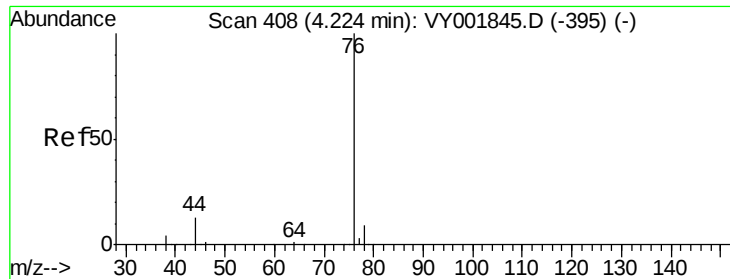
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#16
 Acetone
 Concen: 245.108 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.9	38.9





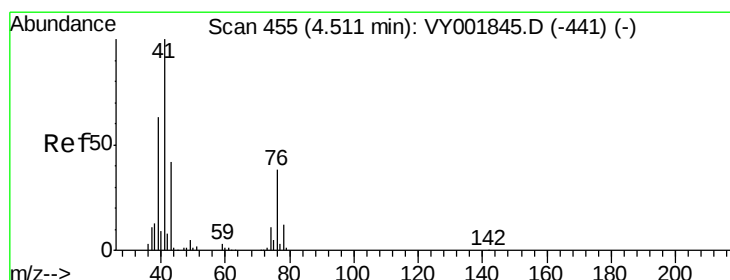
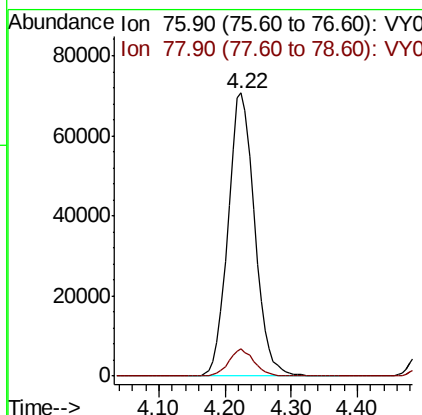
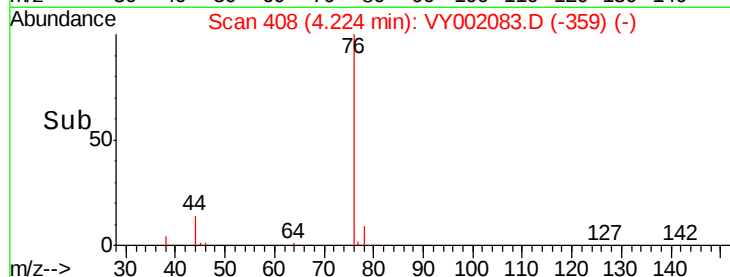
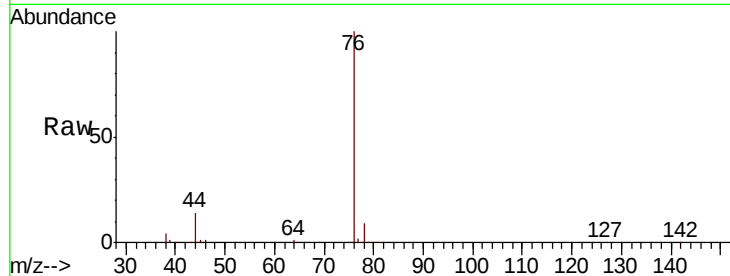
#17
Carbon Disulfide
Concen: 40.414 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

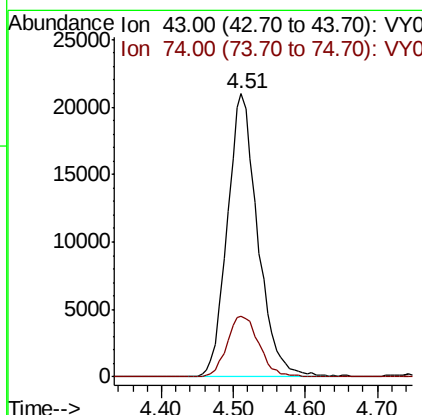
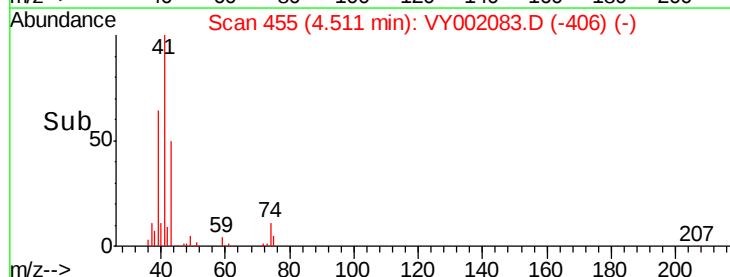
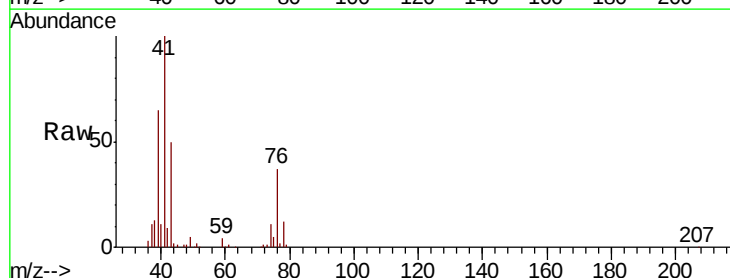
Manual Integrations
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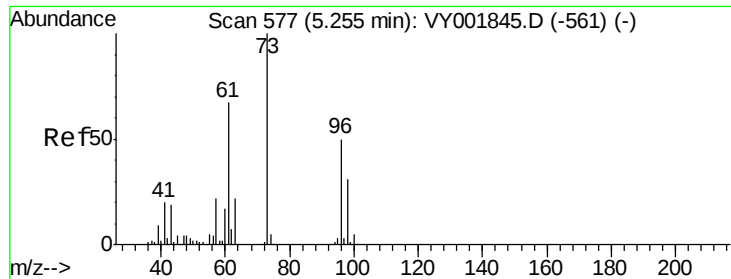
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#18
Methyl Acetate
Concen: 59.155 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.0	28.6





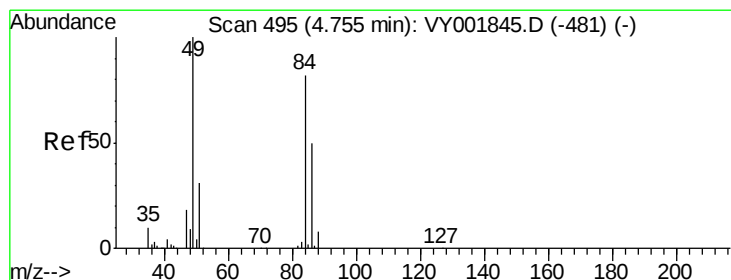
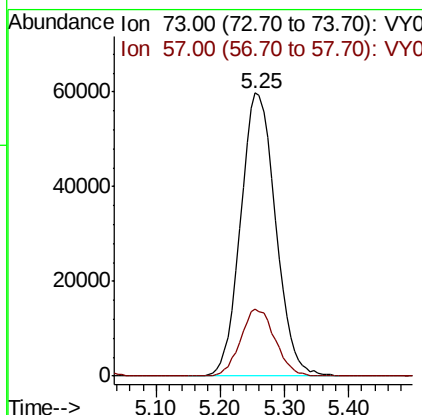
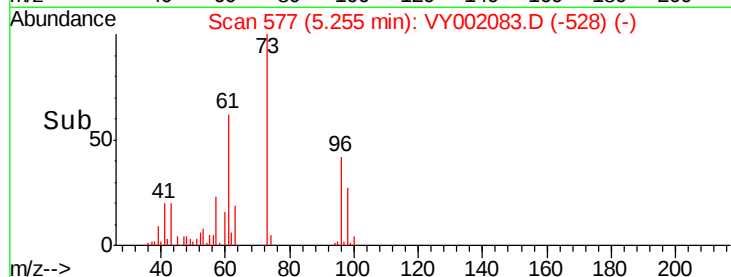
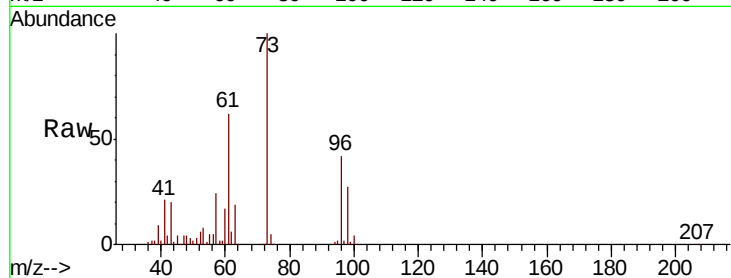
#19
Methvl tert-butvl Ether
Concen: 56.986 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 224043
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.2

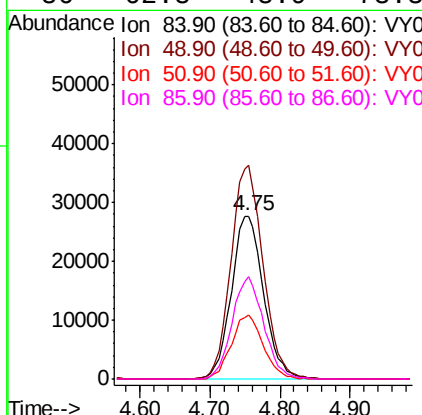
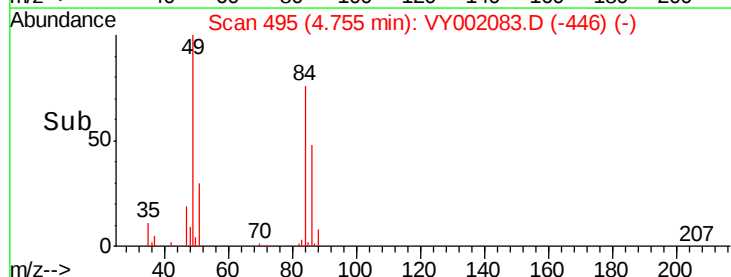
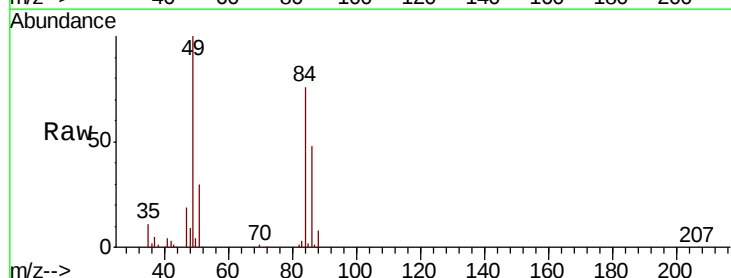
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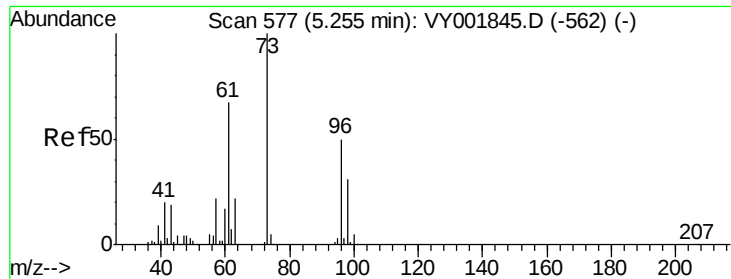
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#20
Methylene Chloride
Concen: 50.838 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 84 Resp: 88403
Ion Ratio Lower Upper
84 100
49 131.1 98.2 147.2
51 39.7 30.2 45.2
86 62.8 48.9 73.3





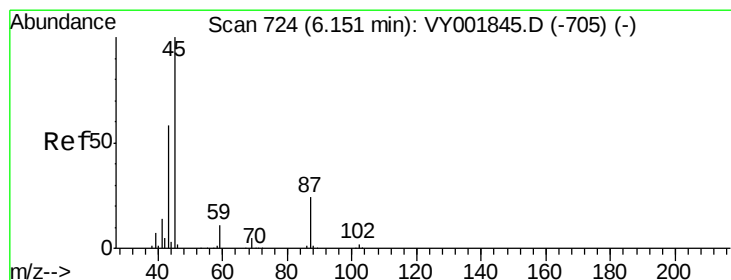
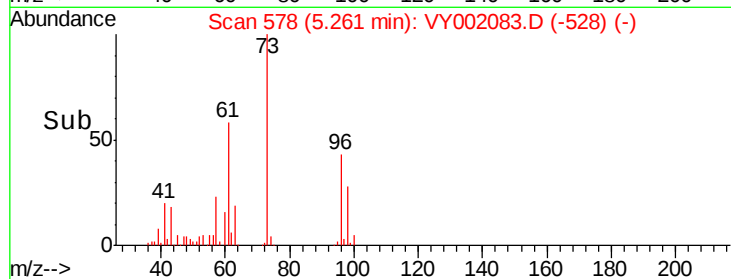
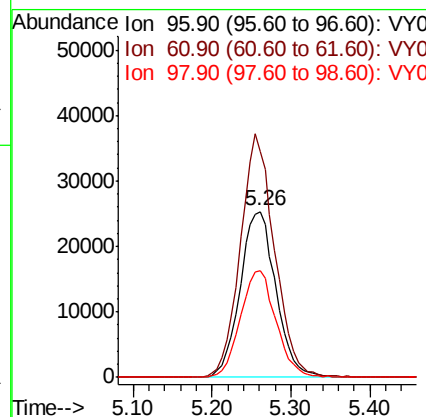
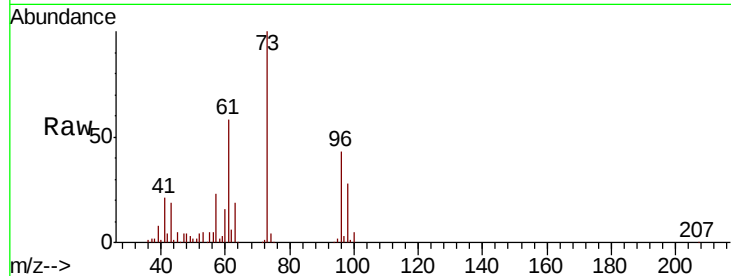
#21
trans-1,2-Dichloroethene
Concen: 48.605 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	107.7	161.5
98	64.4	49.3	73.9

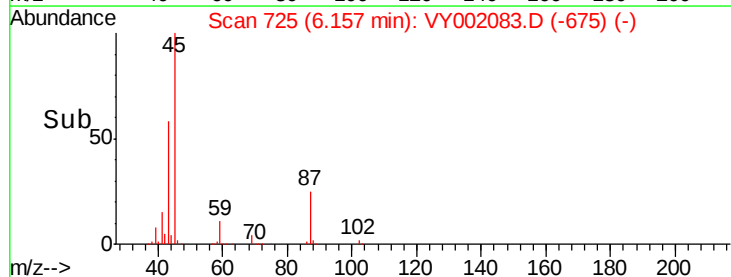
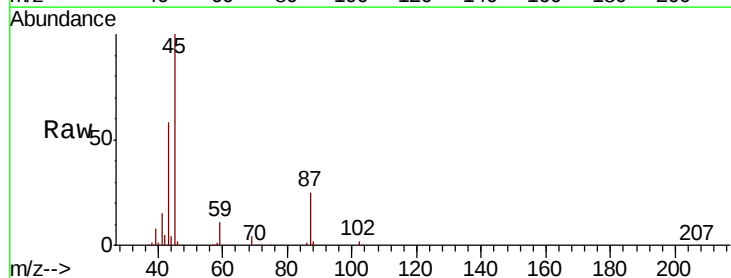
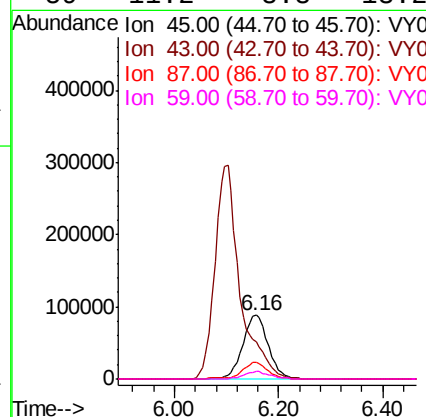
Manual Integrations
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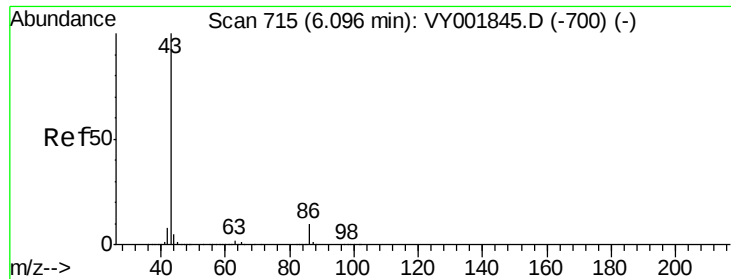
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#22
Diisopropyl ether
Concen: 56.548 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.2	70.8
87	25.2	19.8	29.8
59	11.2	8.8	13.2





#23

Vinyl Acetate

Concen: 288.884 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 998436

Ion Ratio Lower Upper

43 100

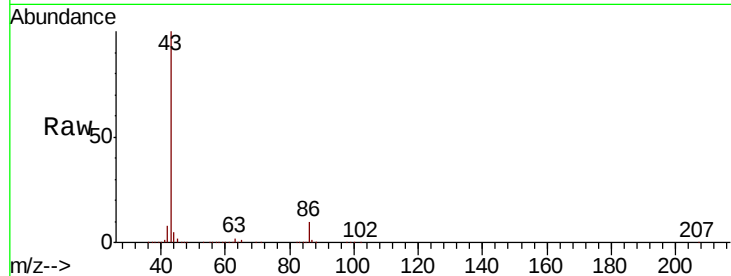
86 9.9 7.8 11.8

Manual Integrations

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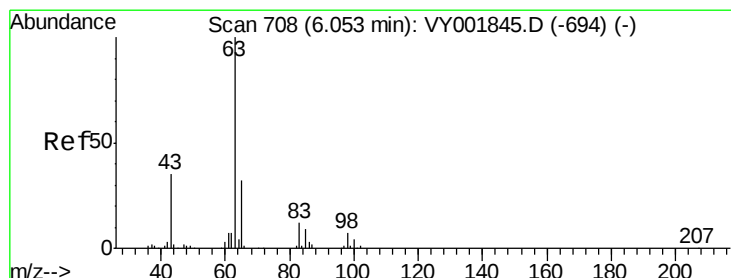
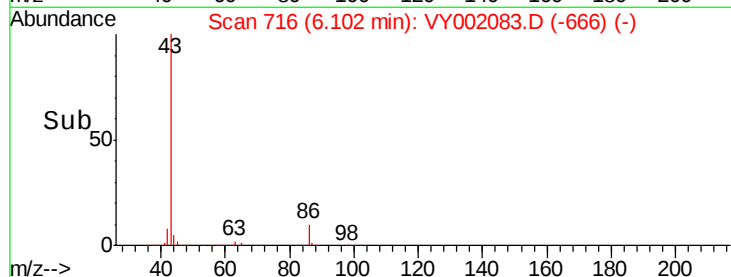
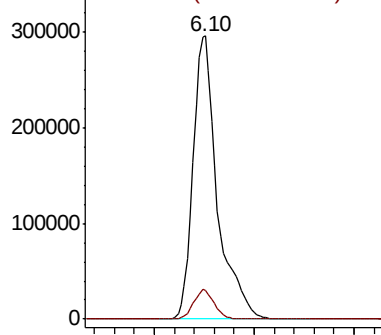
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.721 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

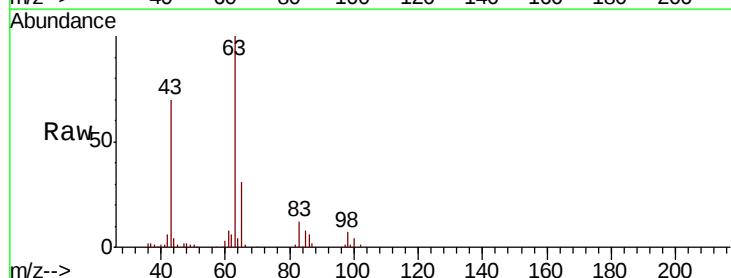
Tgt Ion: 63 Resp: 150518

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

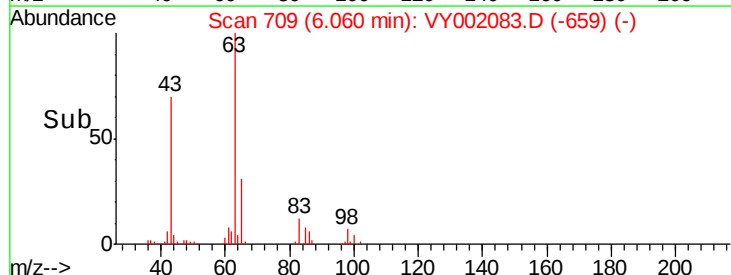
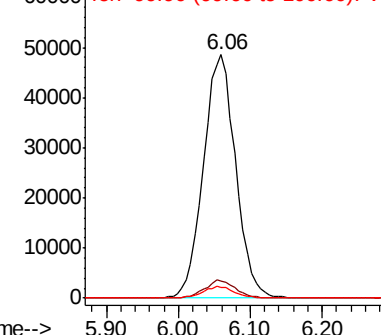
100 4.1 2.0 6.0

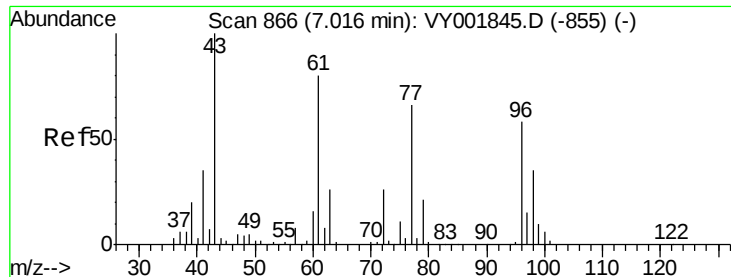


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 281.304 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 173568

Ion Ratio Lower Upper

43 100

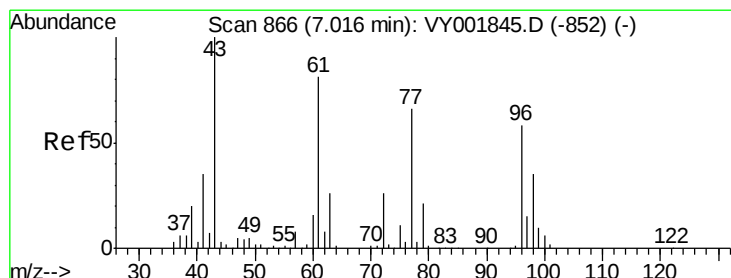
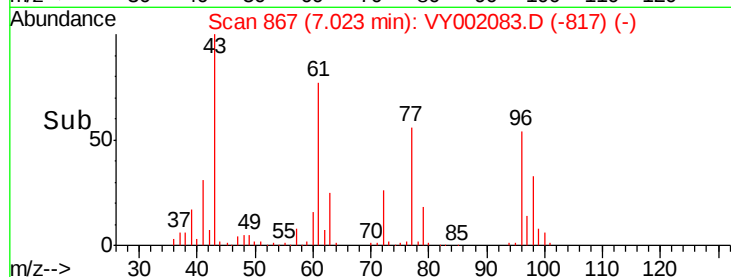
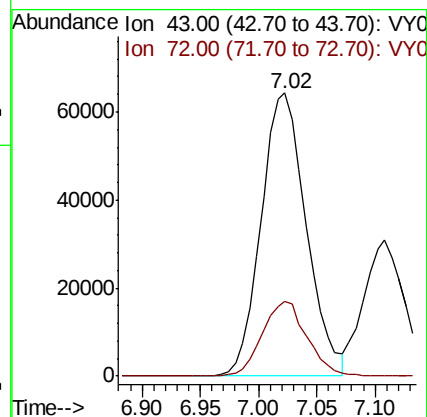
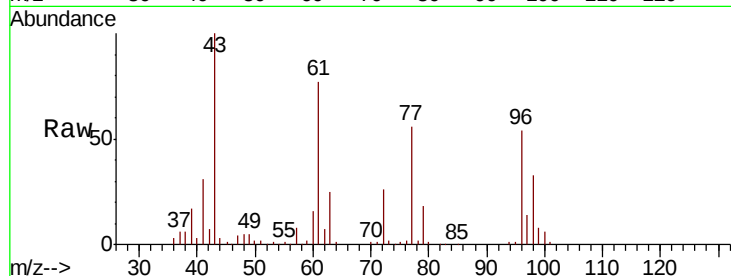
72 26.2 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 48.602 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002083.D

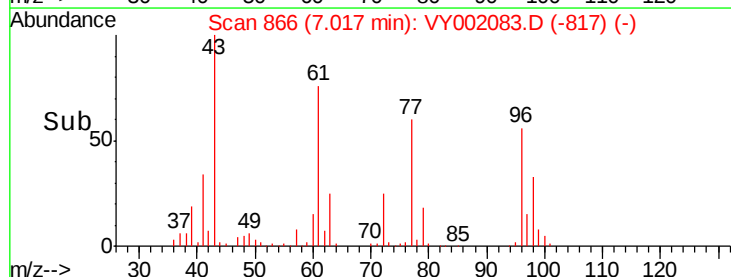
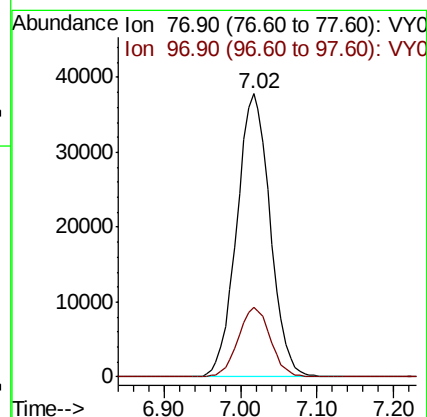
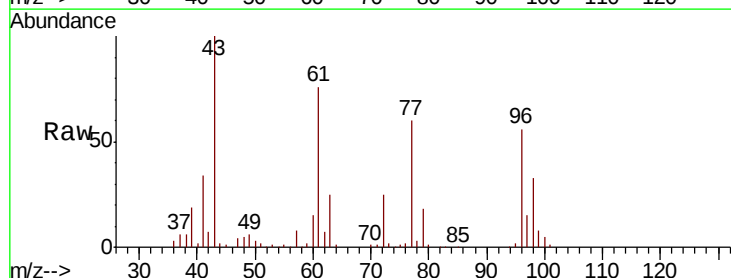
Acq: 25 Mar 2020 21:19

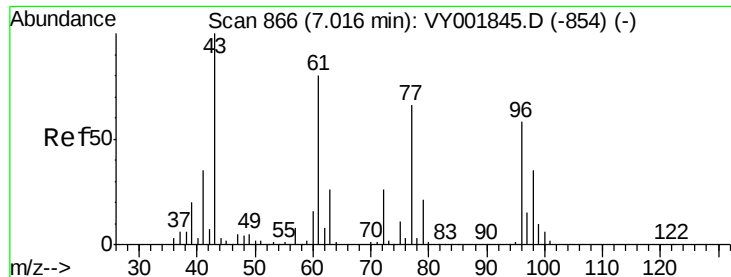
Tgt Ion: 77 Resp: 113889

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.7





#27

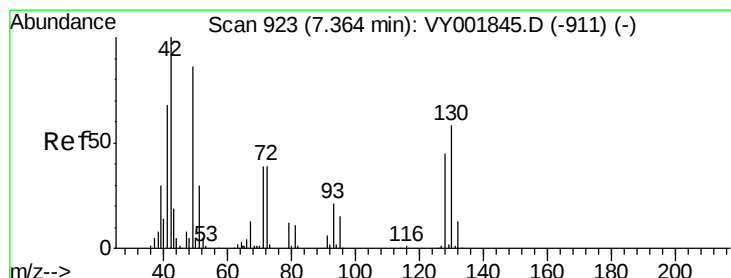
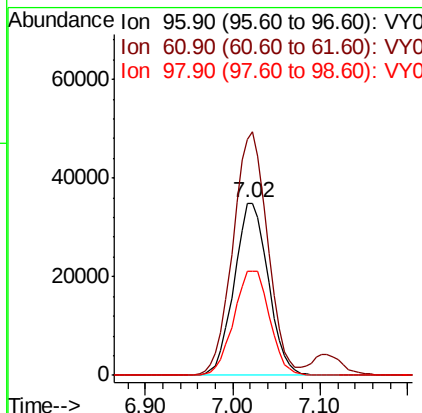
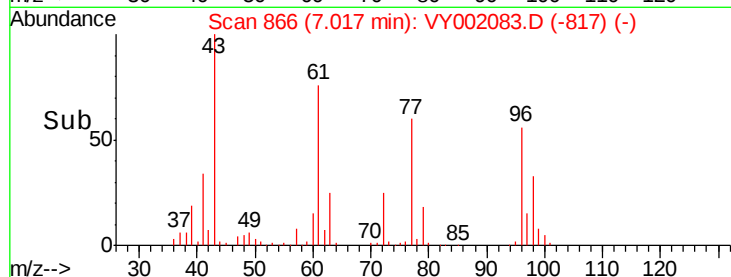
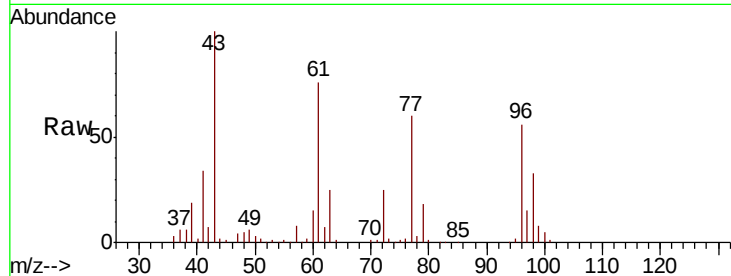
cis-1,2-Dichloroethene
Concen: 53.000 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	288.2
98	63.5	0.0	129.0

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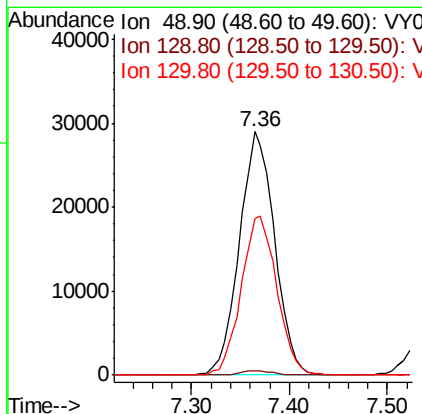
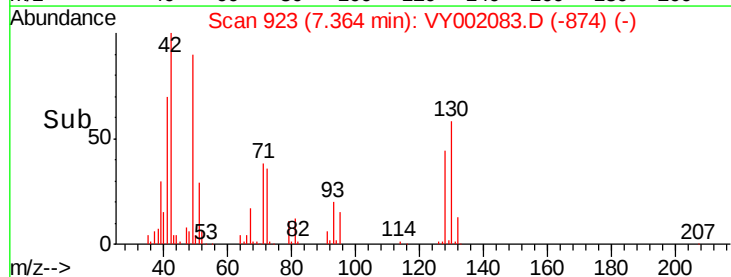
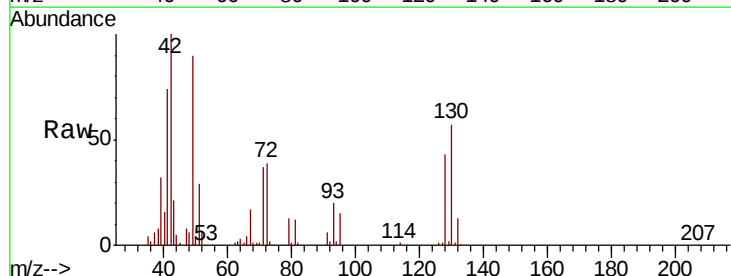
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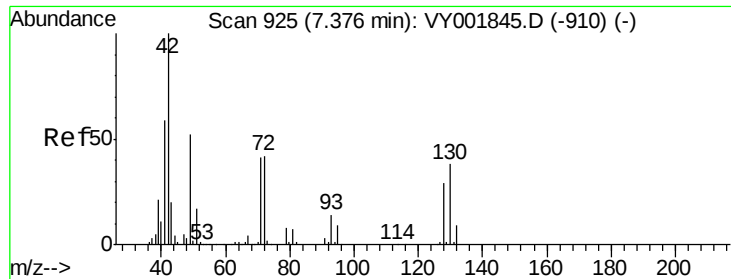


#28

Bromochloromethane
Concen: 56.188 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	66.0	54.4	81.6





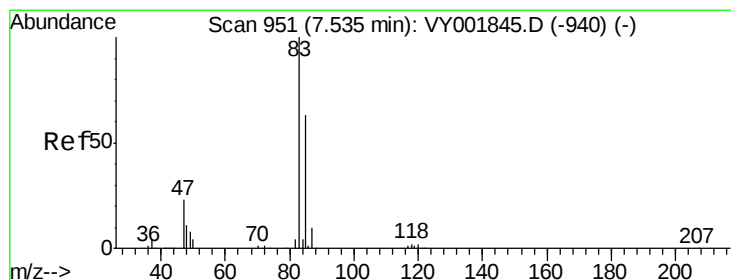
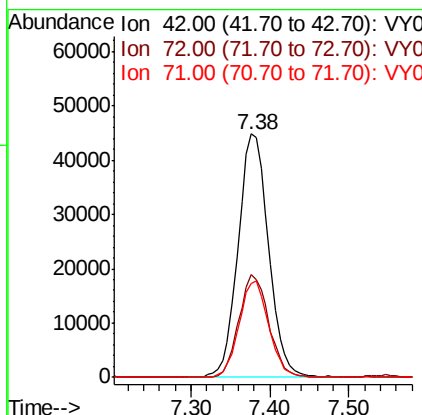
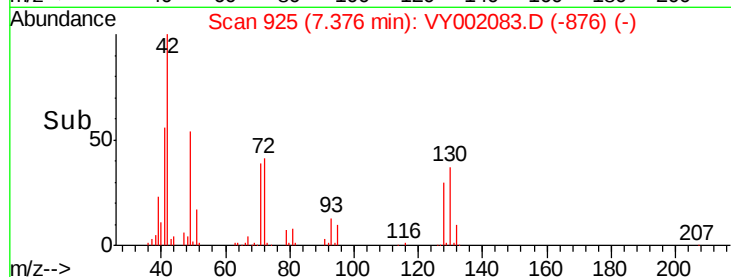
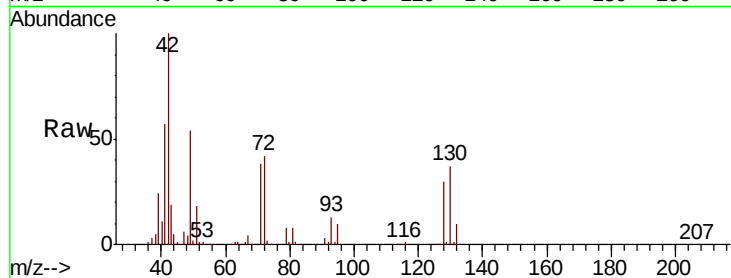
#29
Tetrahydrofuran
Concen: 294.602 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.5	50.3
71	38.5	31.3	46.9

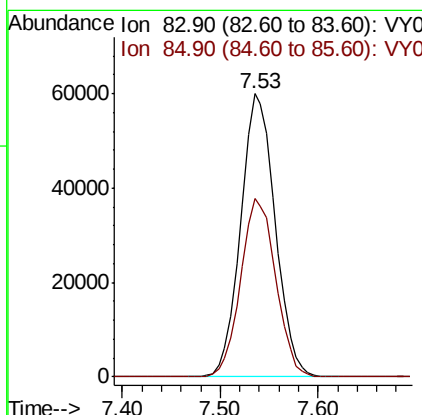
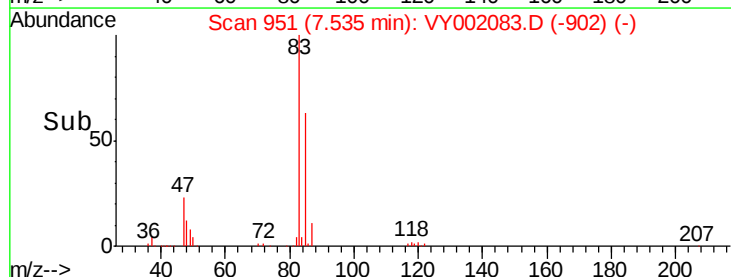
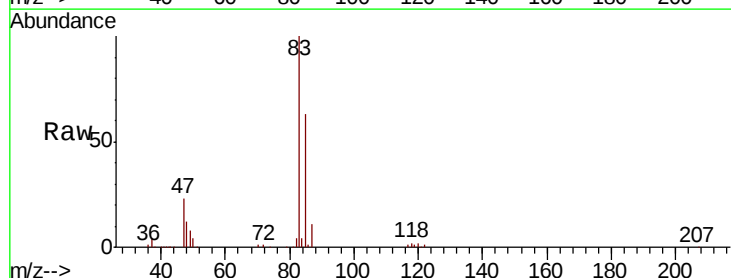
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#30
Chloroform
Concen: 54.616 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.7	76.1





#31

Cyclohexane

Concen: 44.205 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 135319

Ion Ratio Lower Upper

56 100

69 30.5 26.7 40.1

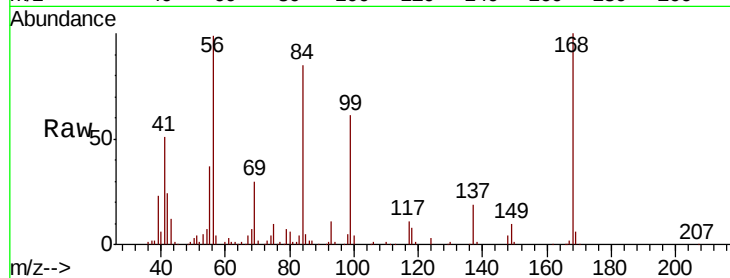
84 84.6 70.4 105.6

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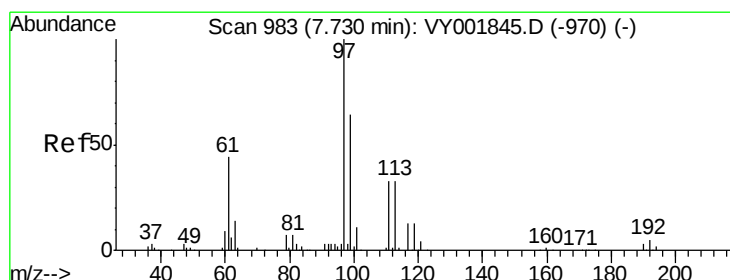
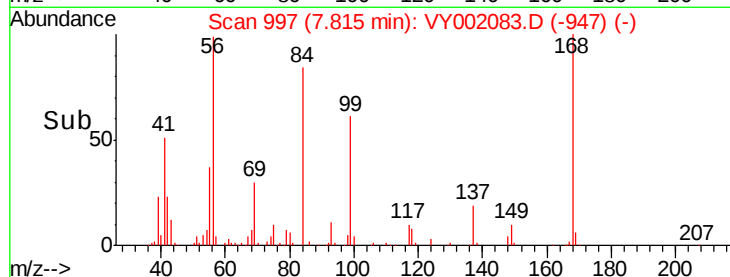
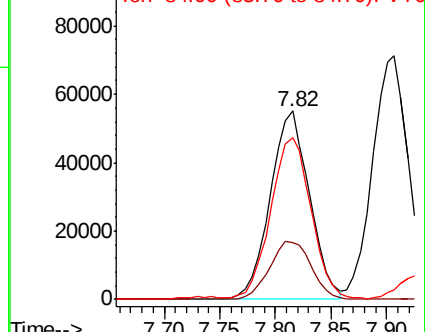
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.085 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

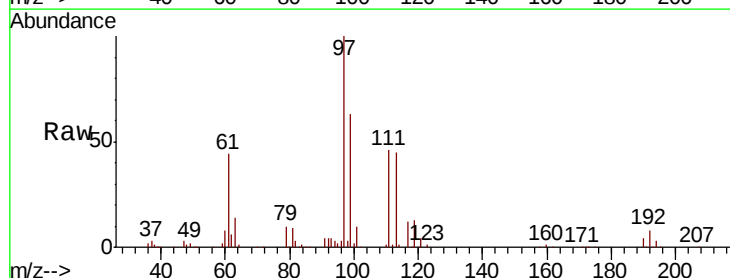
Tgt Ion: 97 Resp: 117752

Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

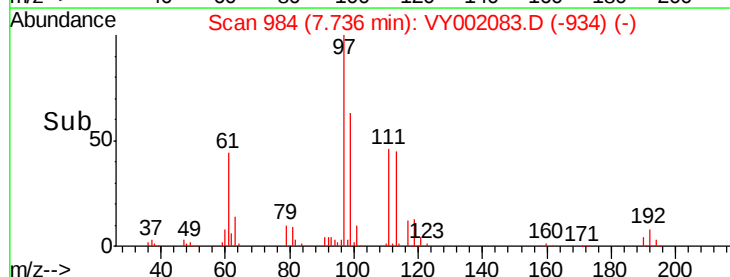
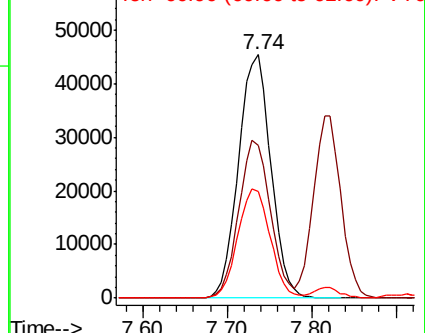
61 44.9 35.0 52.4

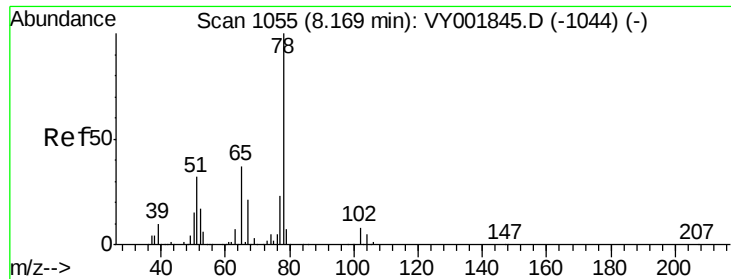


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





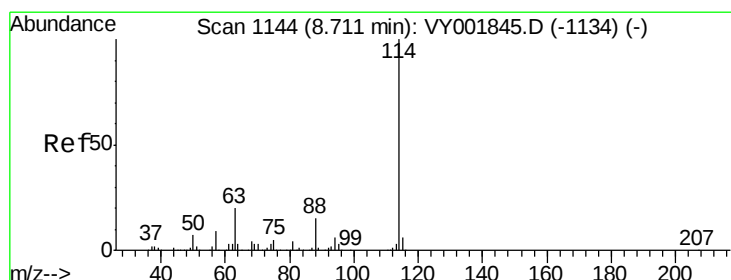
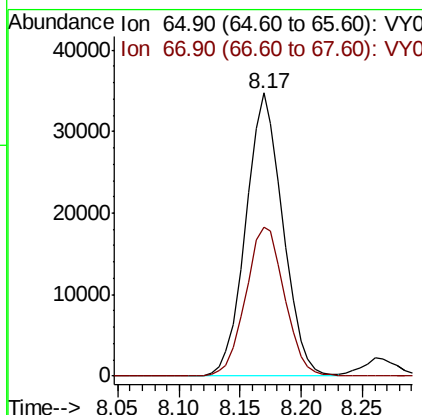
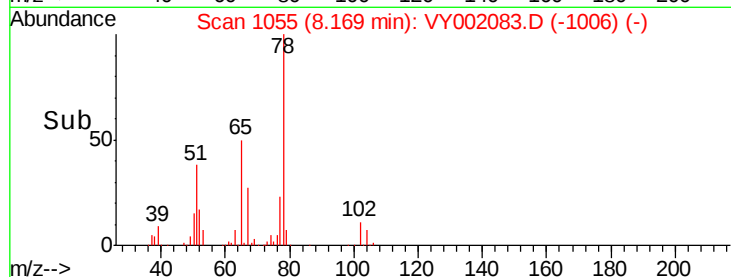
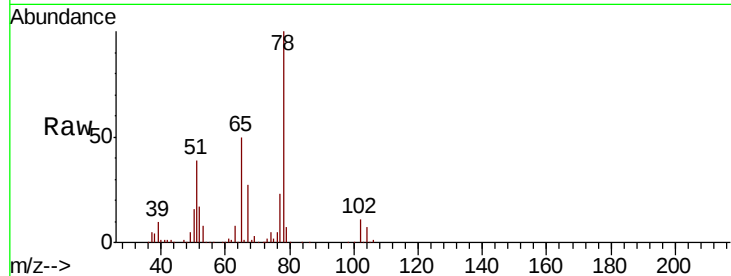
#33
 1,2-Dichloroethane-d4
 Concen: 52.472 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	73095		
67	55.1	0.0	110.8	

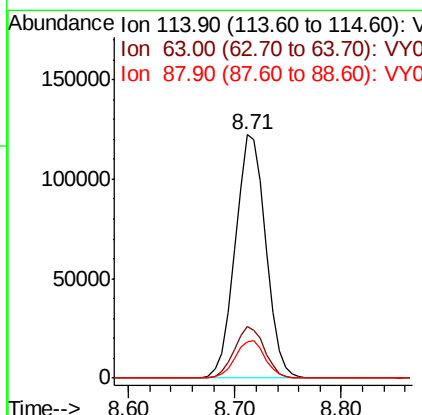
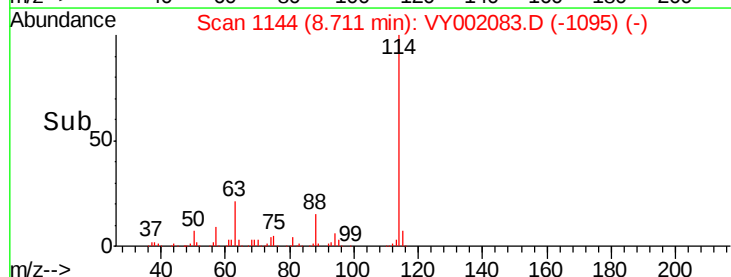
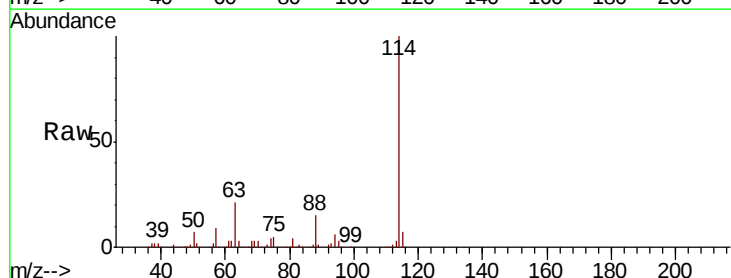
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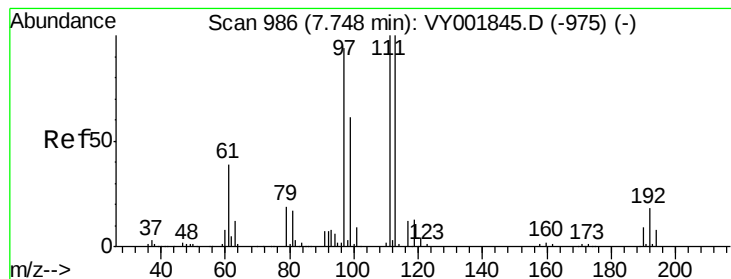
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	245906		
63	21.1	0.0	39.4	
88	14.9	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.935 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

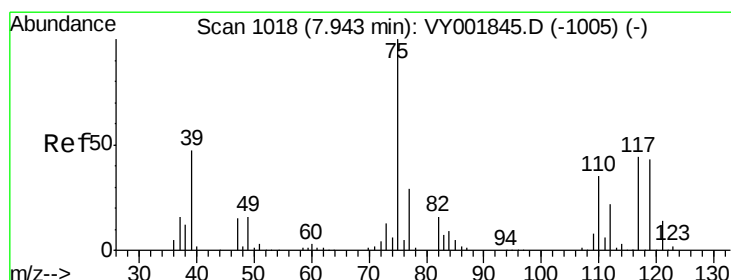
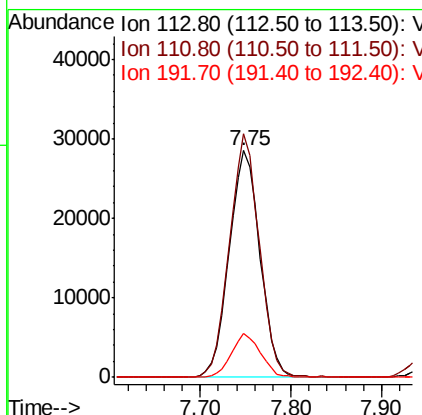
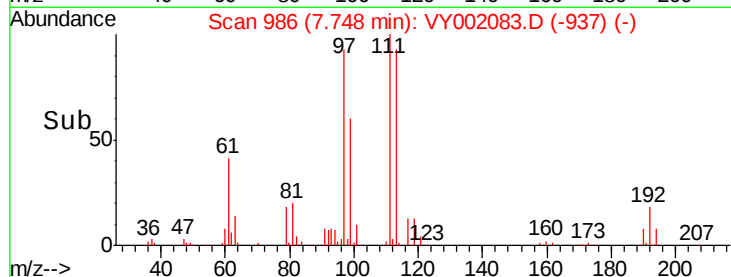
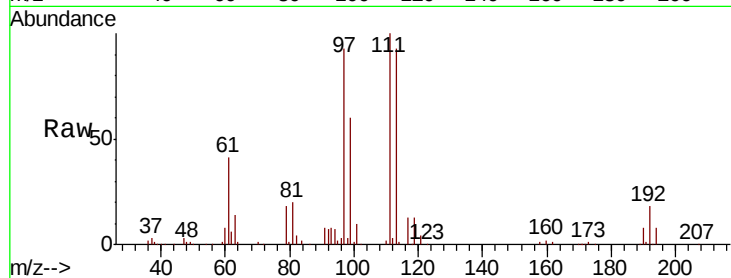
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	67050
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.8
192	18.3	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 47.425 ug/l

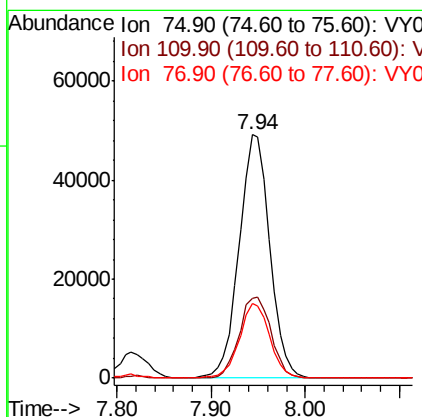
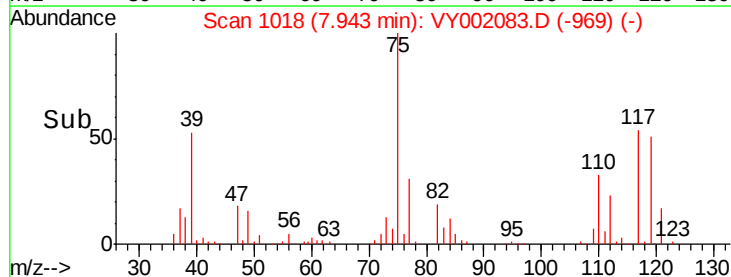
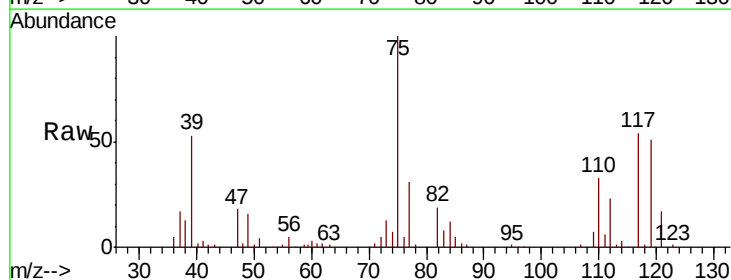
RT: 7.94 min Scan# 1018

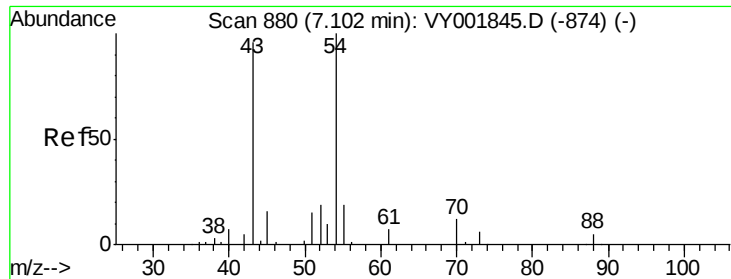
Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	75	Resp:	112225
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.2
77	30.4	24.2	36.2





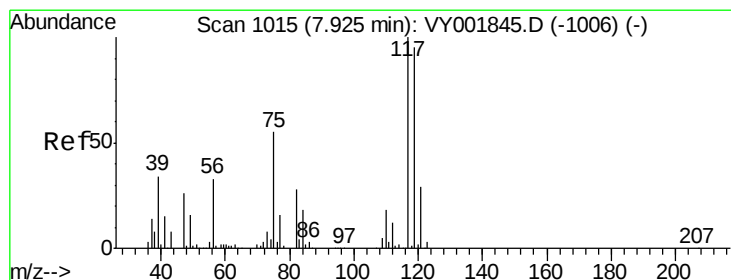
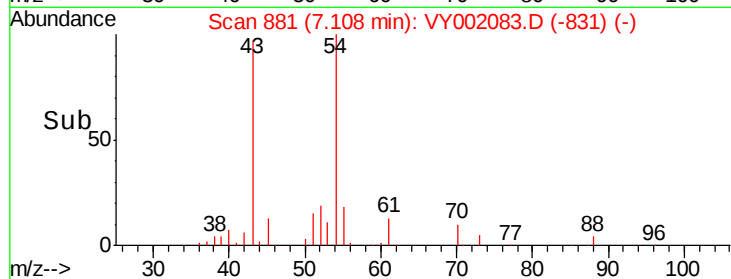
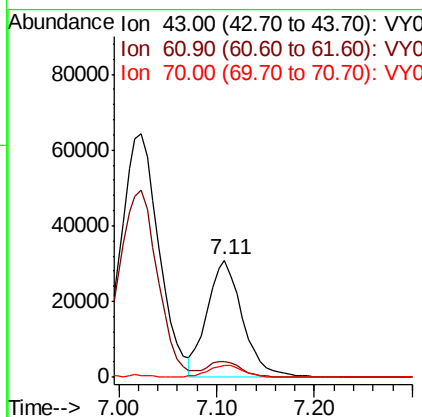
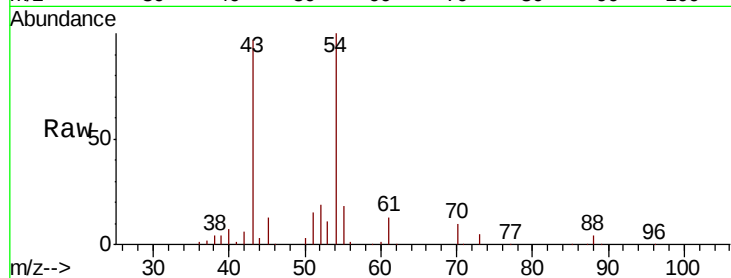
#37
Ethyl Acetate
Concen: 56.189 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.4	8.2	12.4

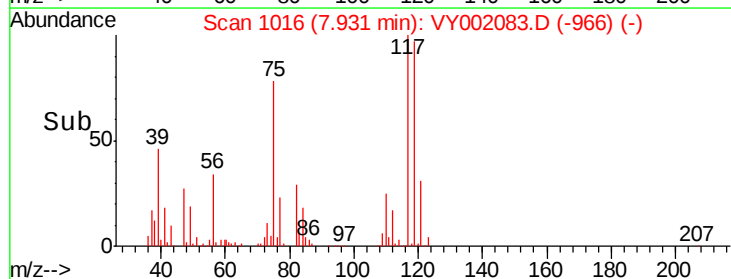
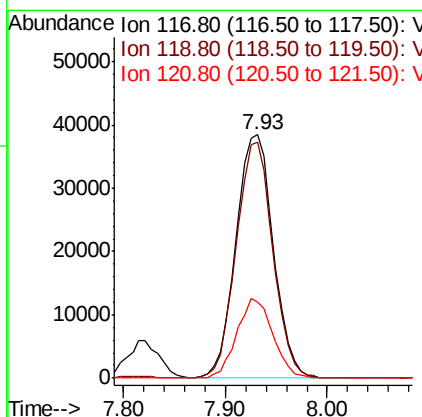
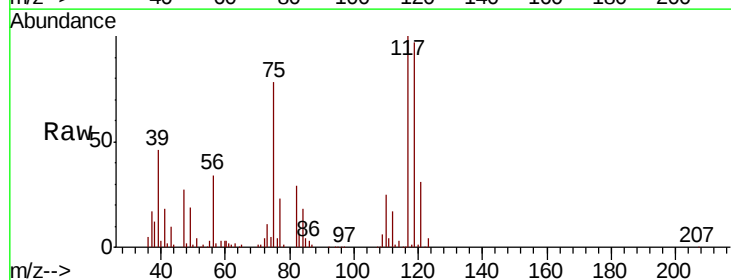
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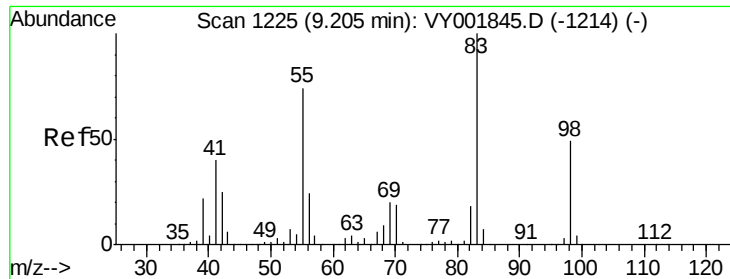
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#38
Carbon Tetrachloride
Concen: 48.375 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.3	114.5
121	31.4	23.5	35.3





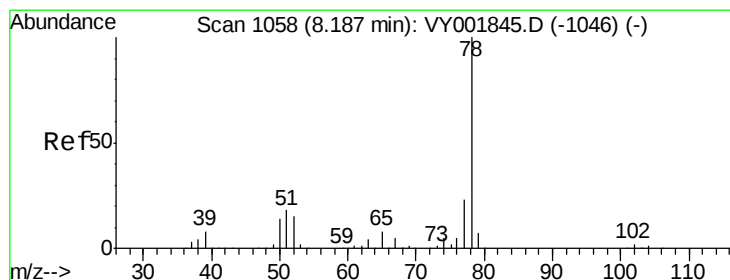
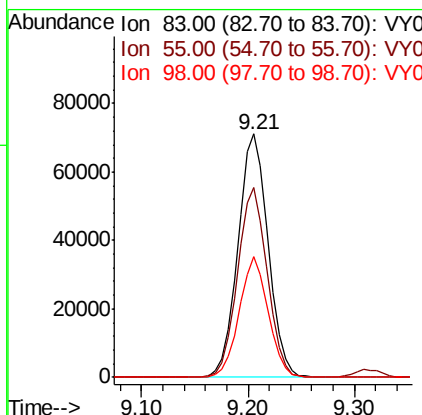
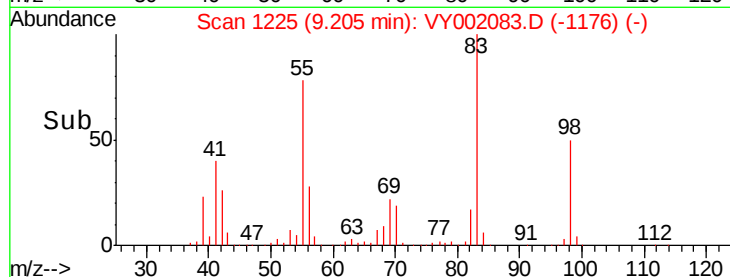
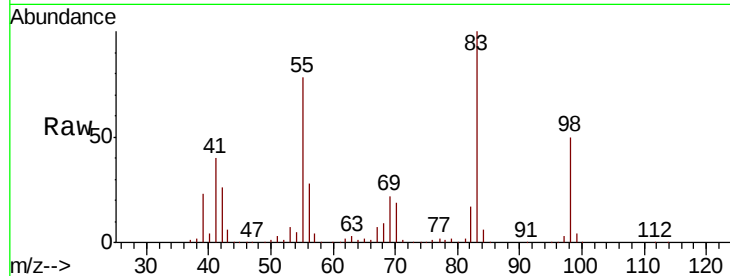
#39
Methvlcvclohexane
Concen: 45.107 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	59.4	89.0
98	49.8	38.9	58.3

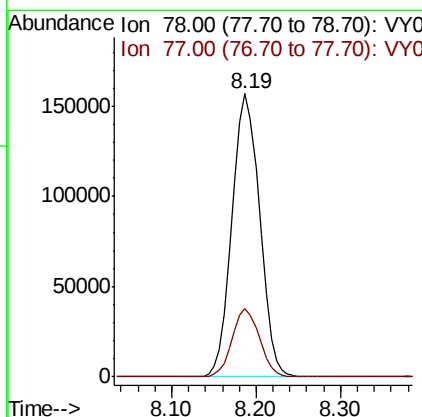
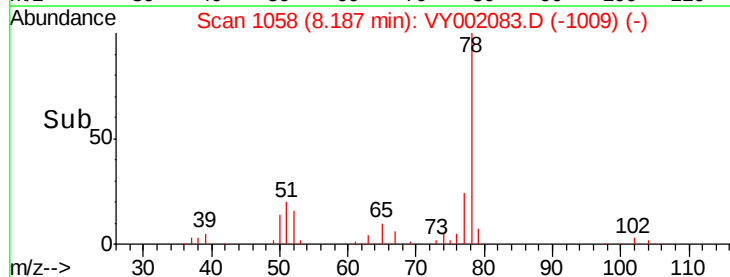
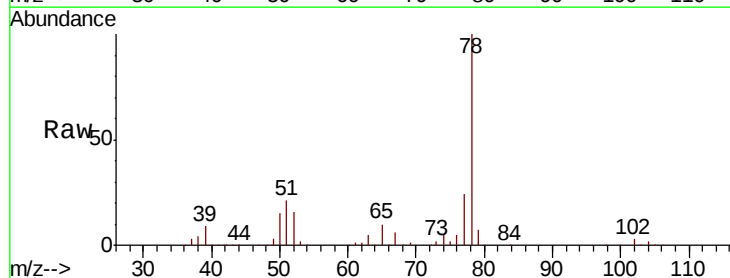
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#40
Benzene
Concen: 49.818 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





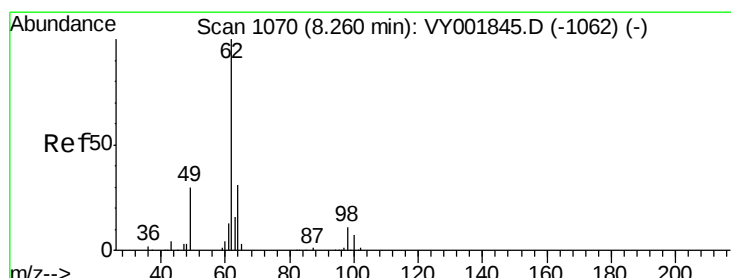
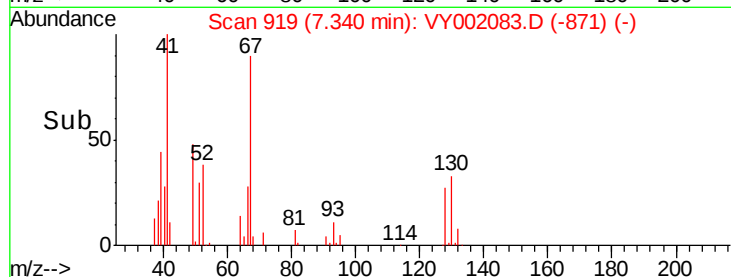
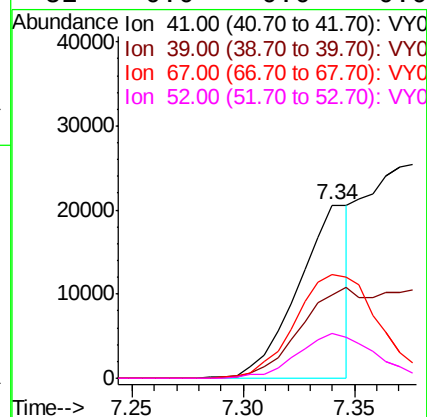
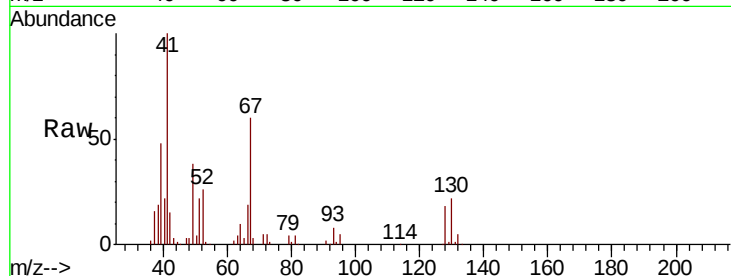
#41
Methacrylonitrile
Concen: 53.319 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

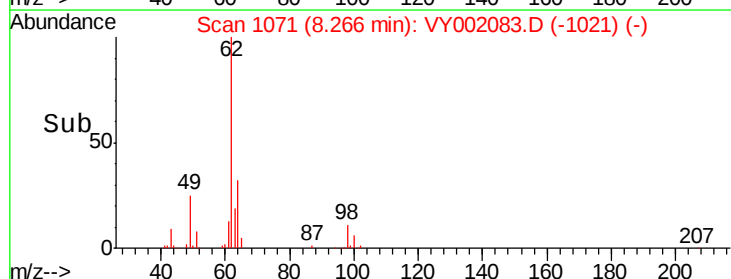
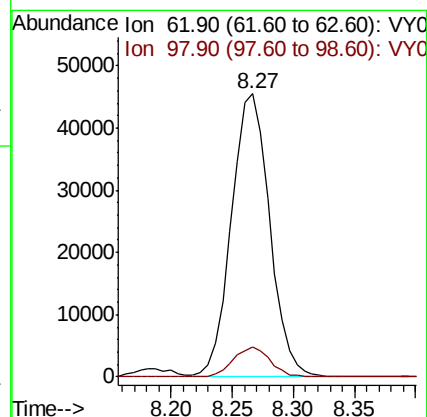
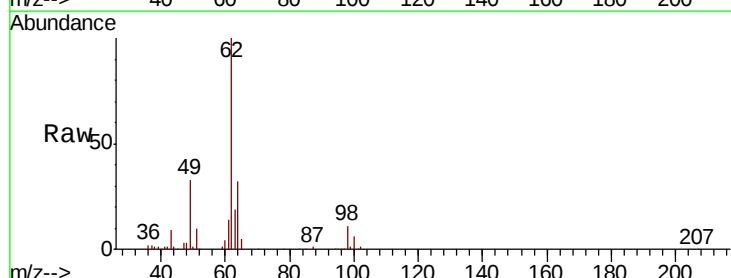
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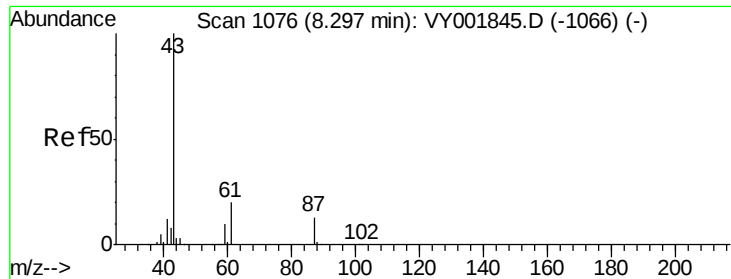
apatel
3/26/2020 10:59:15 AM



#42
1,2-Dichloroethane
Concen: 54.562 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.4





#43

Isopropyl Acetate

Concen: 57.661 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

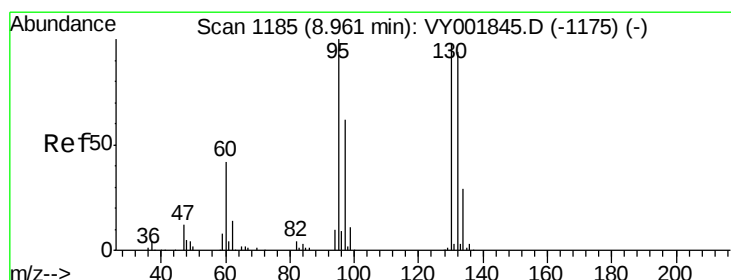
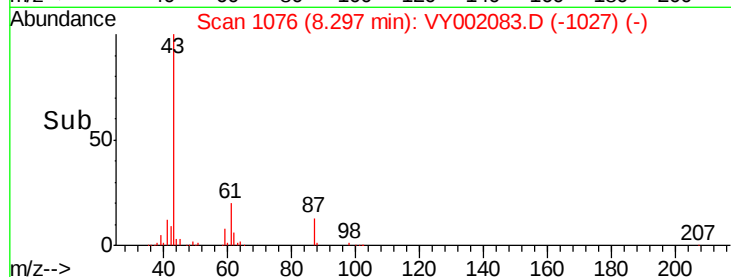
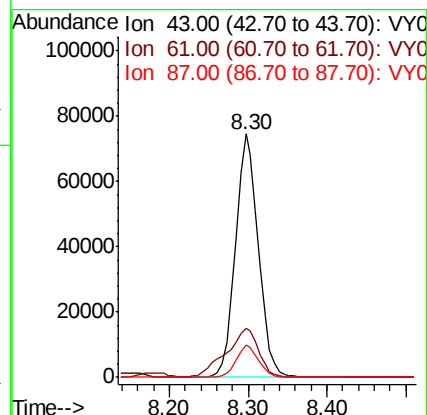
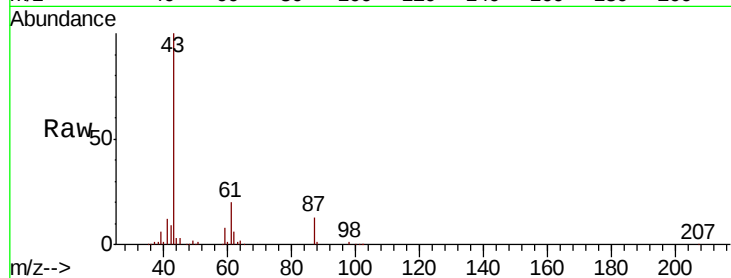
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	150144
Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.8	35.6
87	12.9	10.9	16.3

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#44

Trichloroethene

Concen: 49.051 ug/l

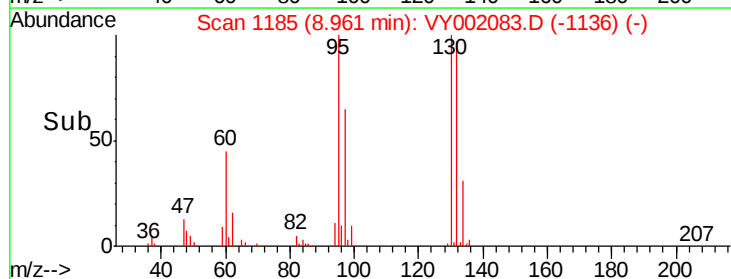
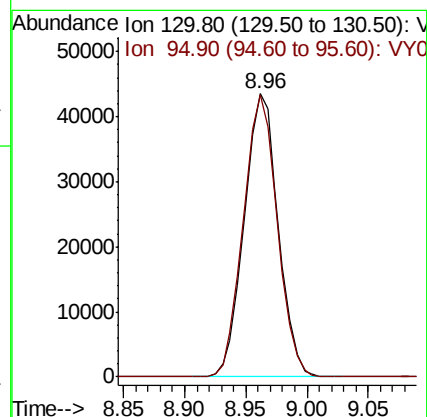
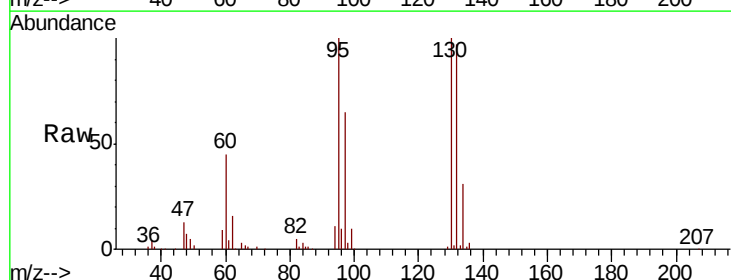
RT: 8.96 min Scan# 1185

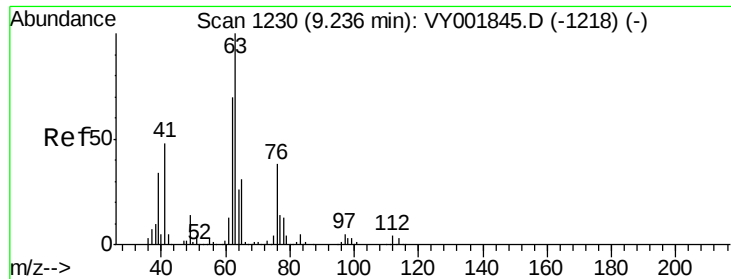
Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	130	Resp:	83788
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	204.6





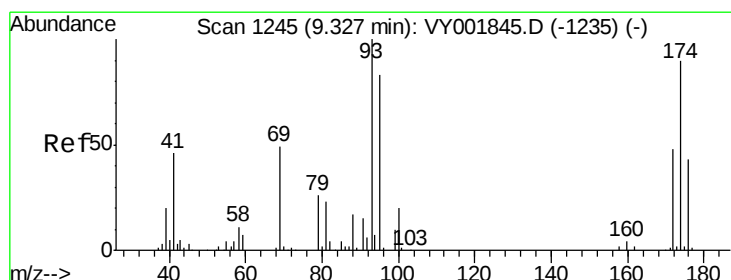
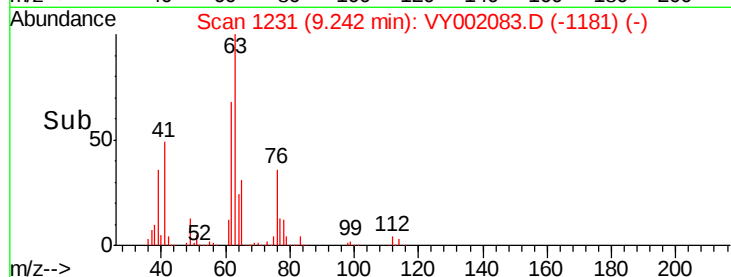
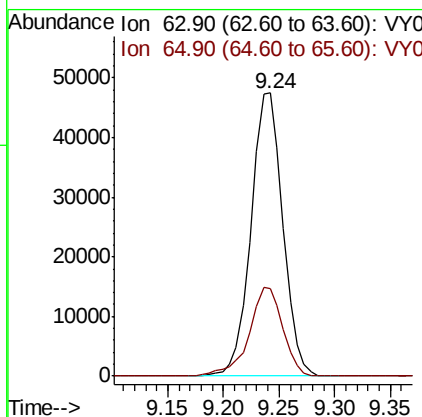
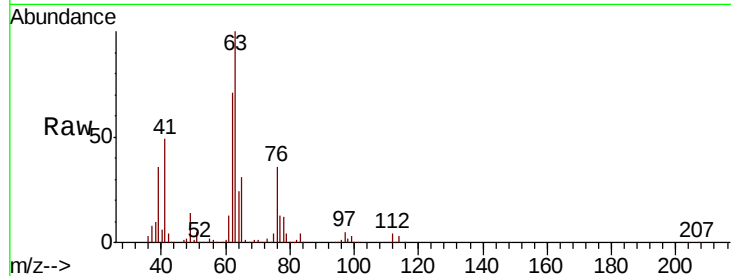
#45
 1,2-Dichloropropane
 Concen: 53.627 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

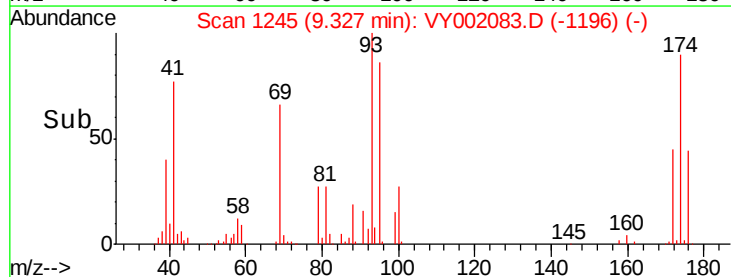
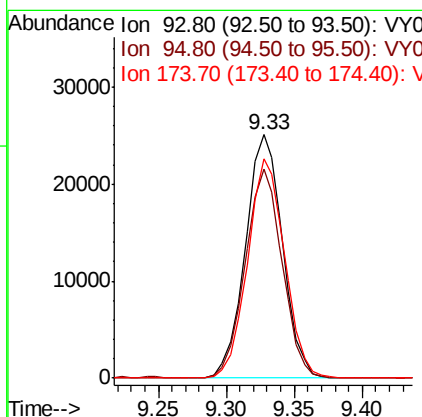
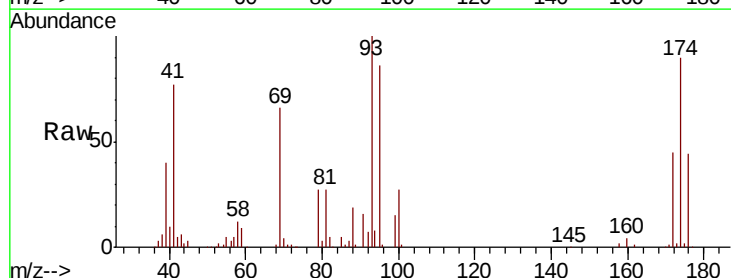
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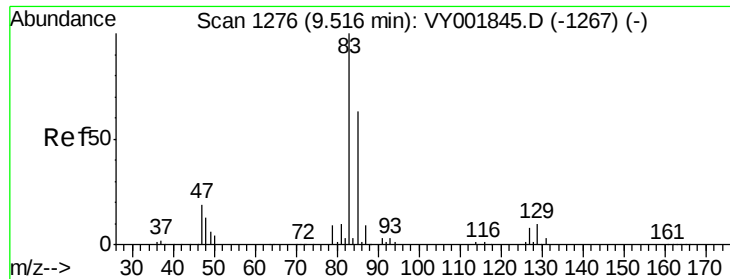
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#46
 Dibromomethane
 Concen: 52.637 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.0	100.4
174	89.9	71.8	107.8





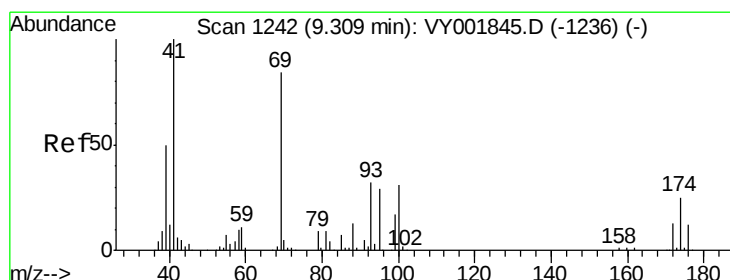
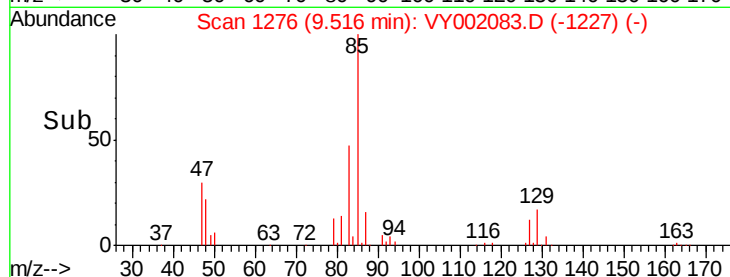
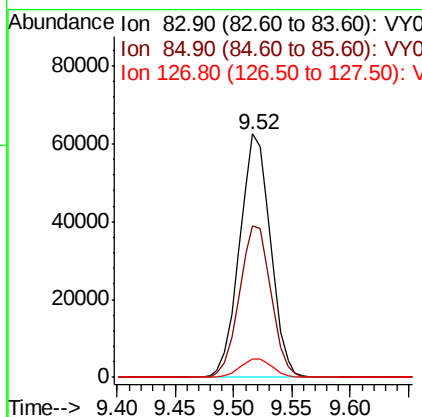
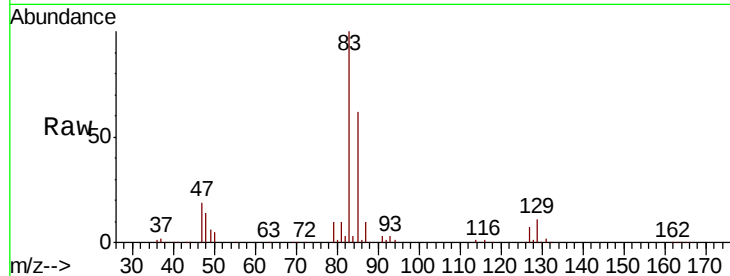
#47
Bromodichloromethane
Concen: 54.781 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	115786
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.6	76.0
127	7.5	6.2	9.4

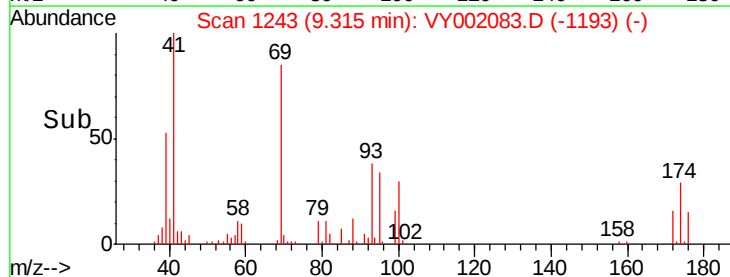
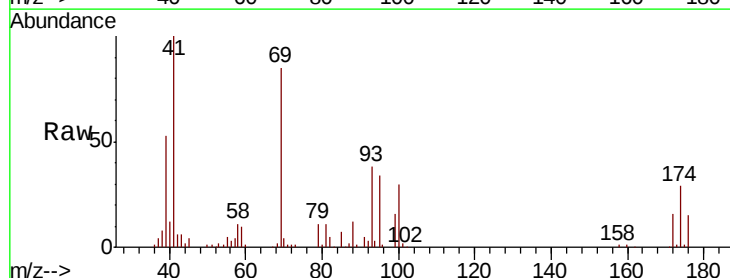
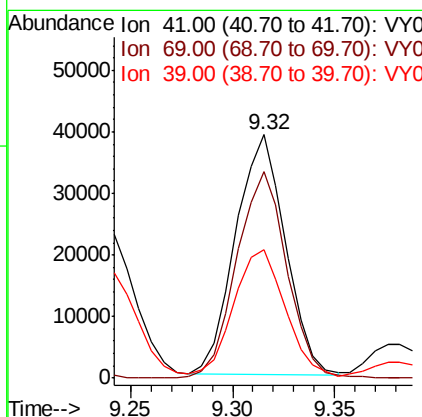
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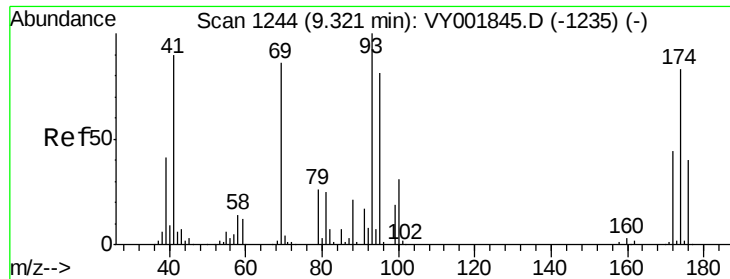
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#48
Methyl methacrylate
Concen: 57.301 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	41	Resp	66207
Ion Ratio	100	Lower	Upper
41	100		
69	87.0	69.0	103.6
39	55.8	39.1	58.7





#49

1,4-Dioxane

Concen: 1068.422 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

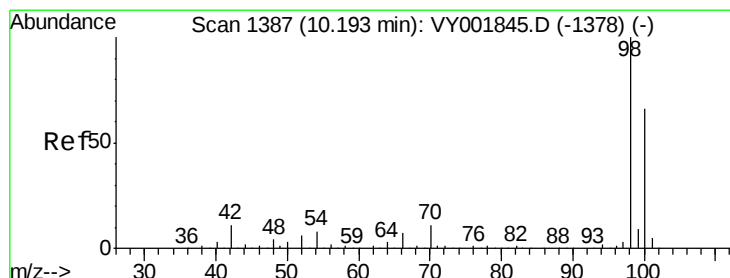
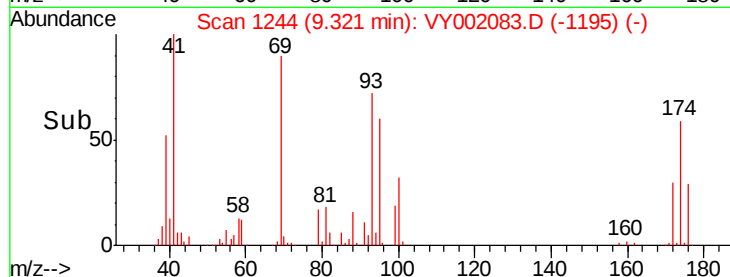
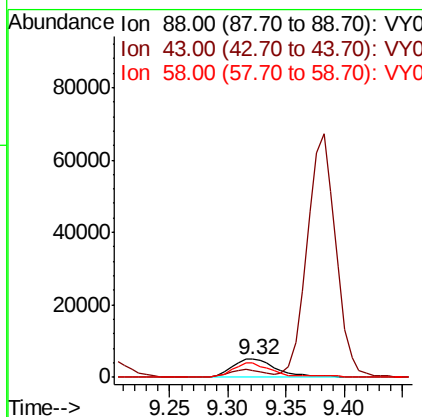
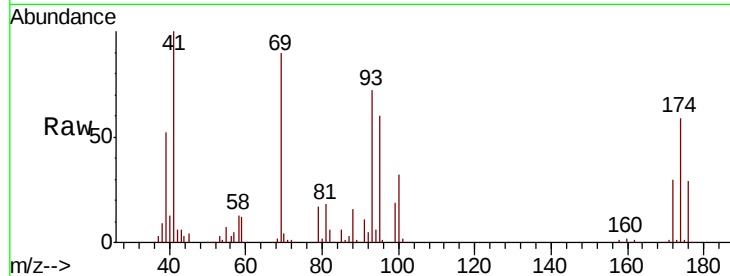
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	13302
Ion	Ratio	Lower	Upper
88	100		
43	34.1	25.0	37.6
58	69.6	58.9	88.3

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#50

Toluene-d8

Concen: 46.869 ug/l

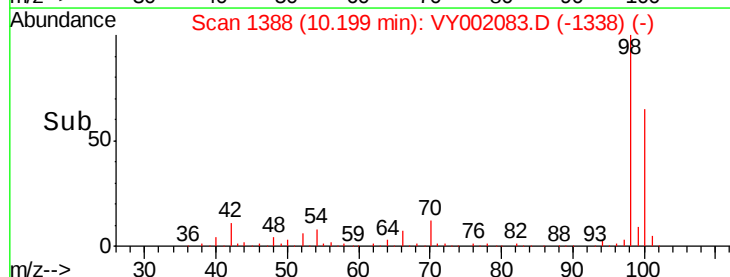
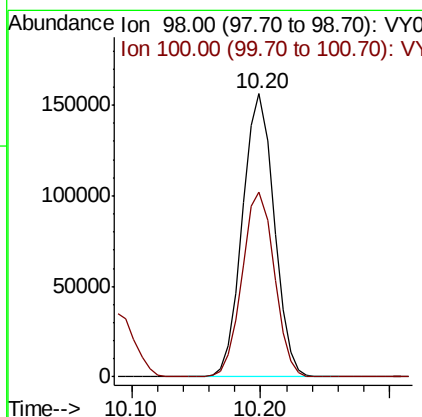
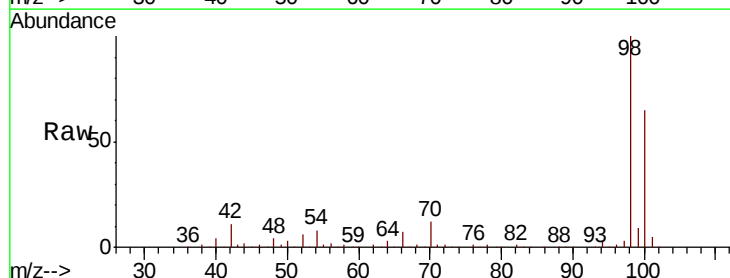
RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	98	Resp:	265381
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 293.119 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 393129

Ion Ratio Lower Upper

43 100

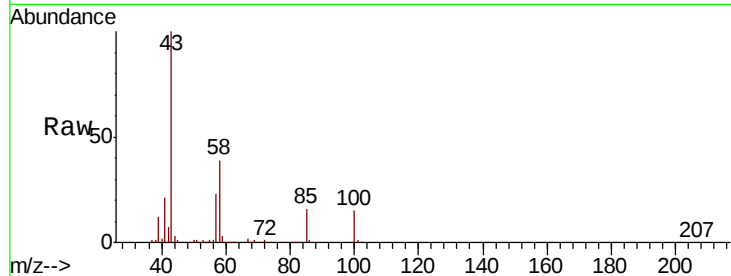
58 39.1 32.0 48.0

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Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

250000

200000

150000

100000

50000

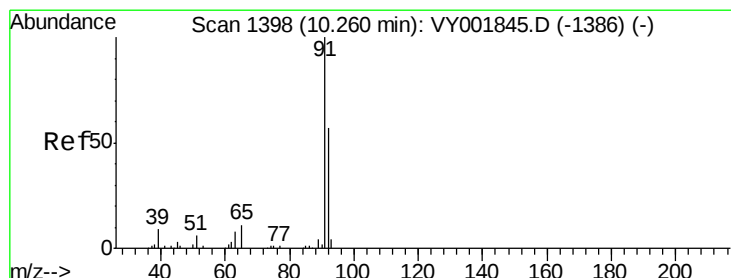
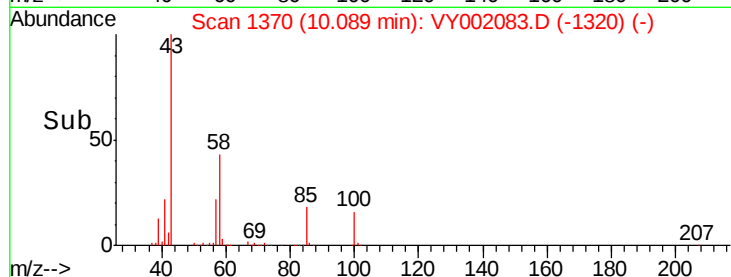
0

10.00

10.10

10.20

Time-->



#52

Toluene

Concen: 50.657 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002083.D

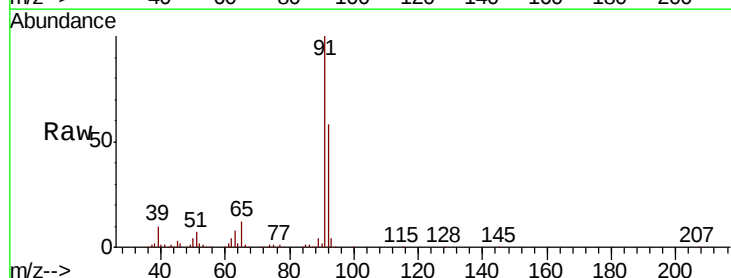
Acq: 25 Mar 2020 21:19

Tgt Ion: 92 Resp: 215841

Ion Ratio Lower Upper

92 100

91 172.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

250000

200000

150000

100000

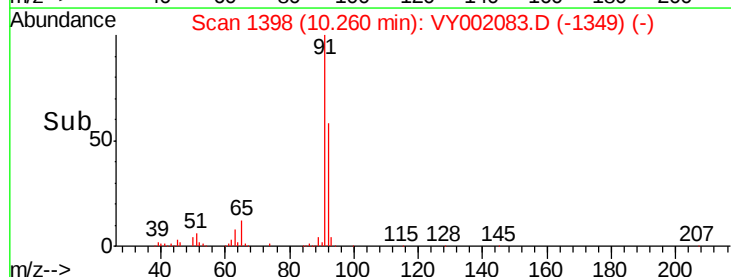
50000

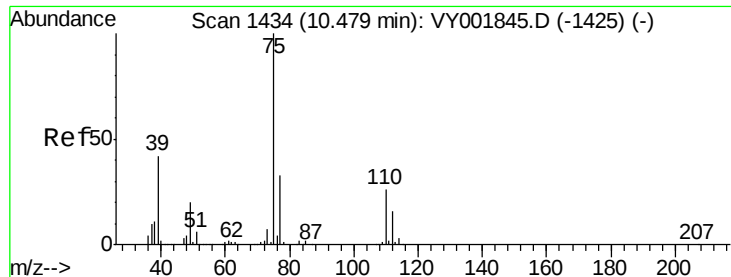
0

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.470 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 127732

Ion Ratio Lower Upper

75 100

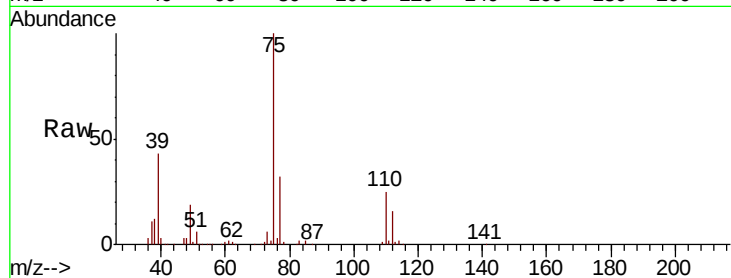
77 31.9 26.3 39.5

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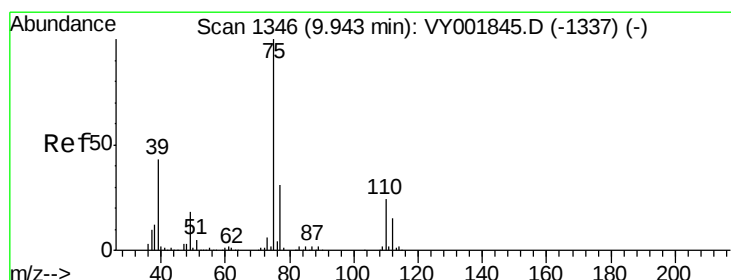
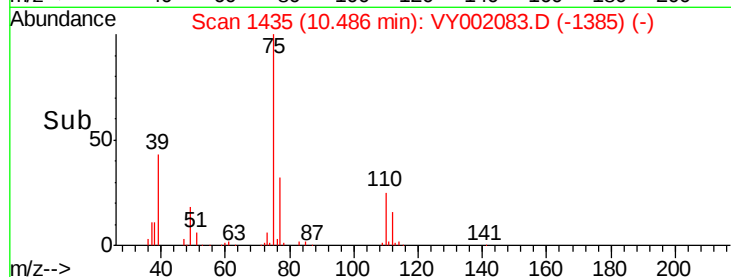
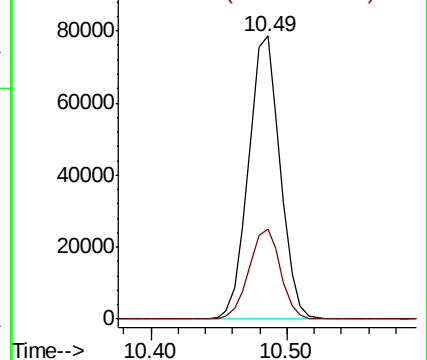
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 53.562 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

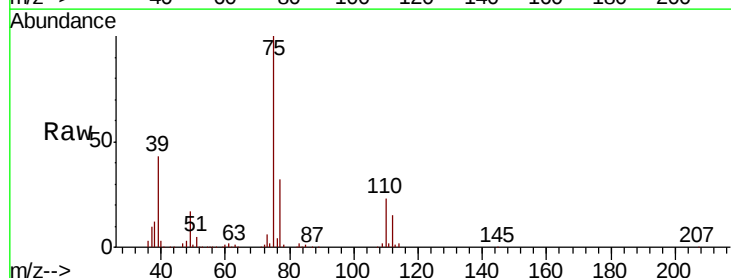
Tgt Ion: 75 Resp: 146828

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

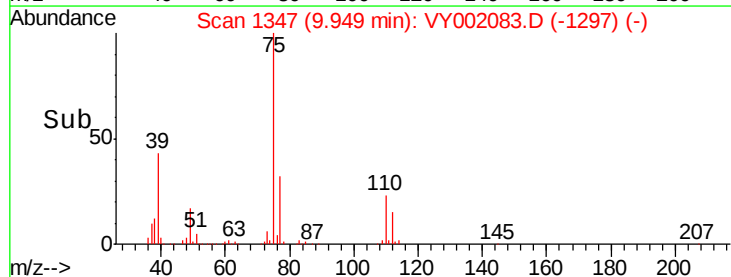
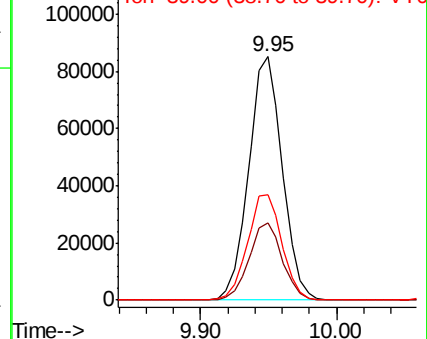
39 43.2 34.7 52.1

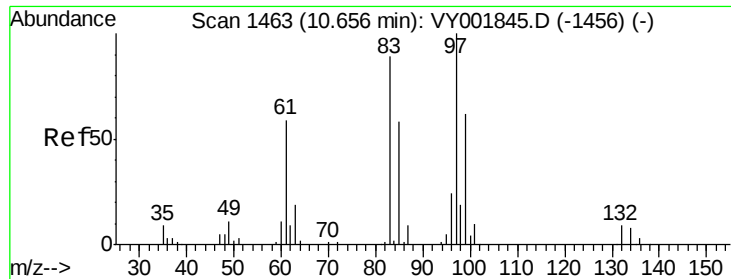


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 54.904 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 73008

Ion Ratio Lower Upper

97 100

83 85.8 71.6 107.4

85 56.7 46.6 69.8

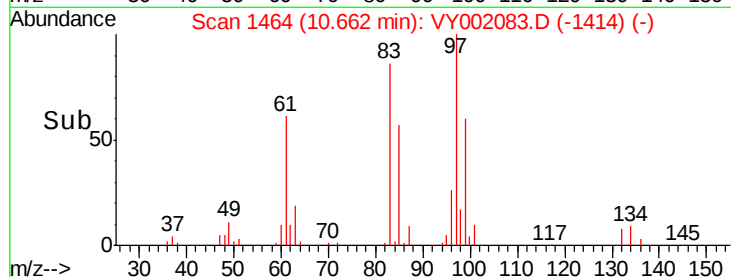
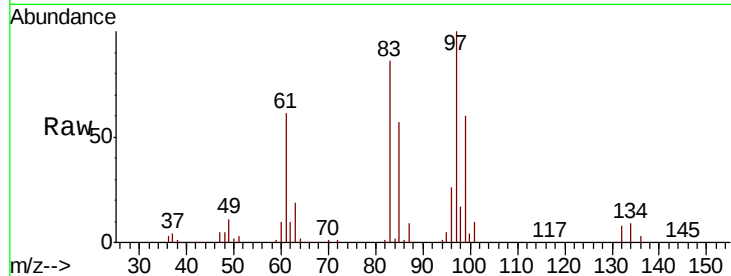
99 60.1 49.8 74.6

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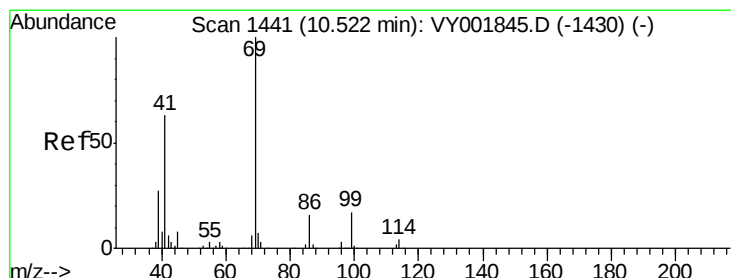
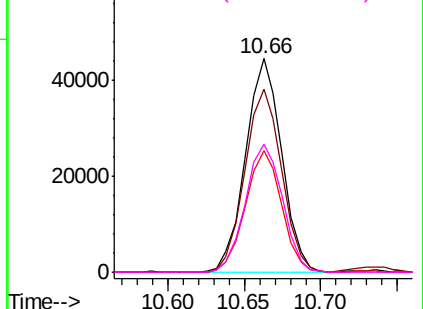


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 56.611 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

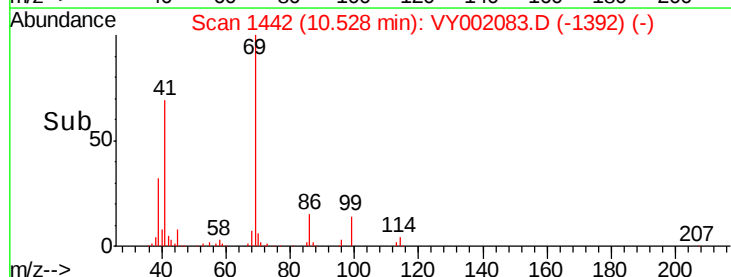
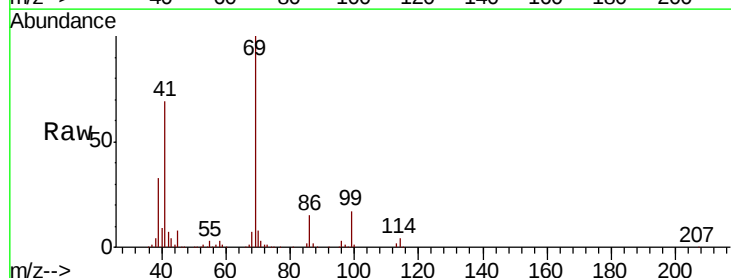
Tgt Ion: 69 Resp: 110338

Ion Ratio Lower Upper

69 100

41 66.3 49.9 74.9

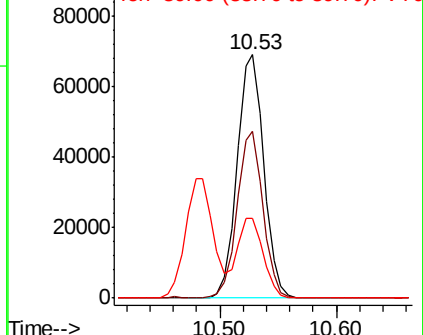
39 32.3 23.0 34.6

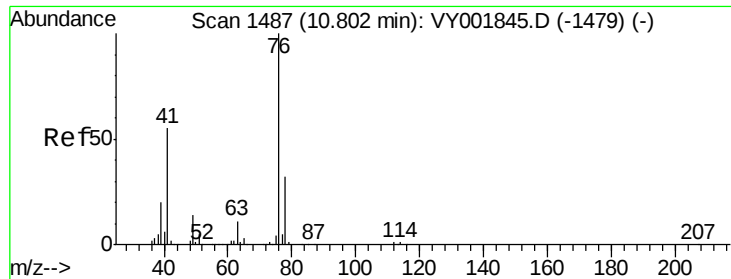


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





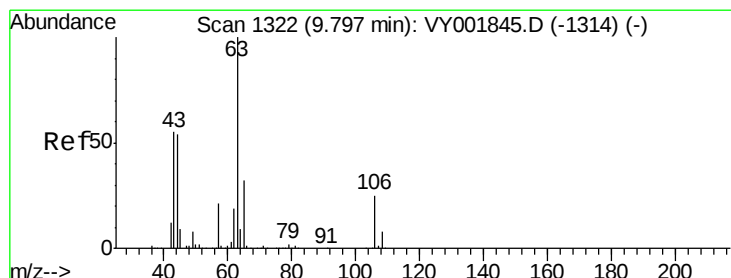
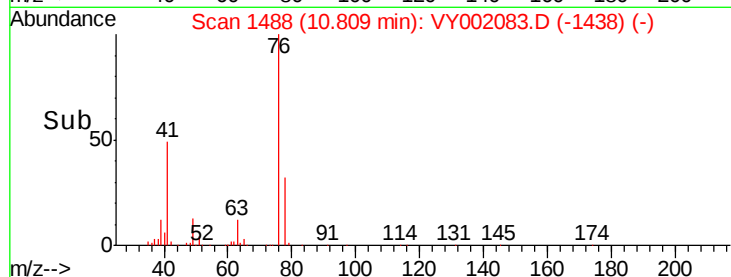
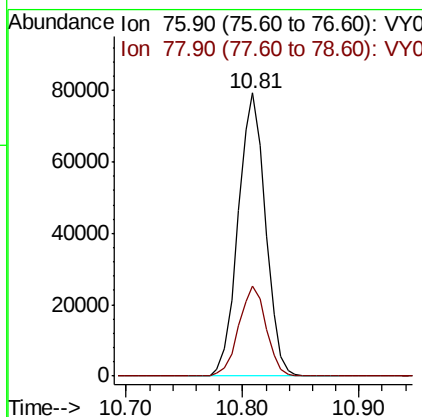
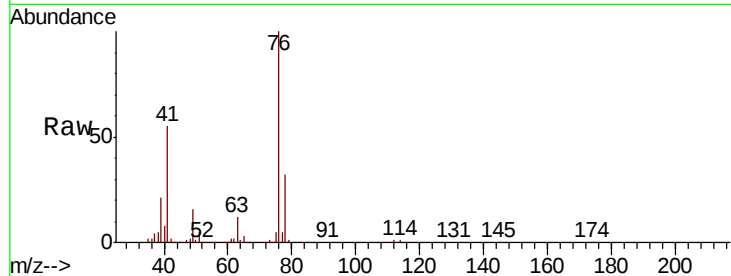
#57
 1,3-Dichloropropane
 Concen: 54.875 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

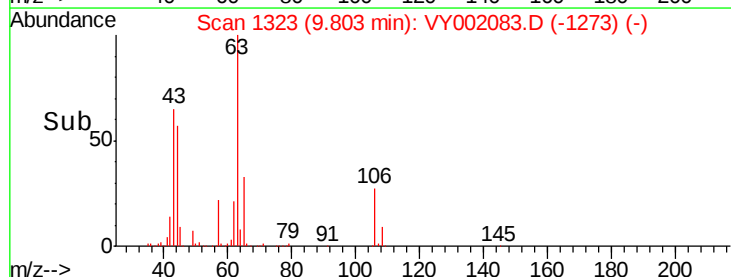
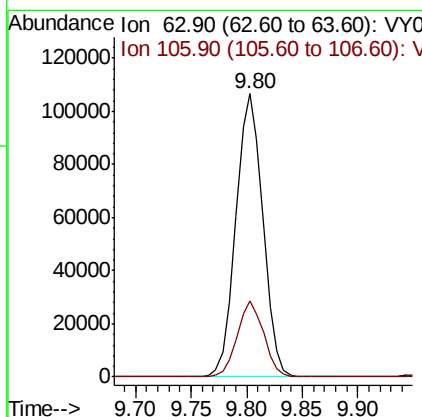
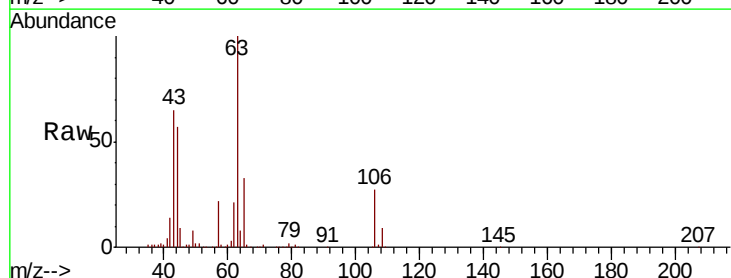
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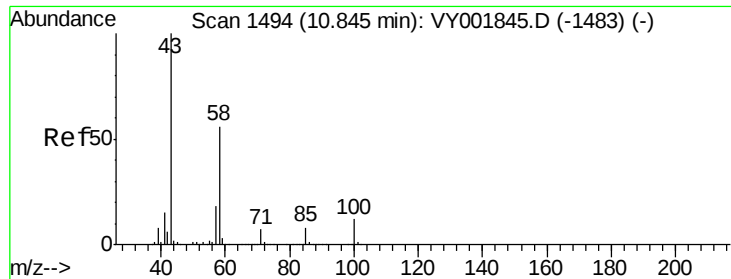
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.544 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.3	31.9





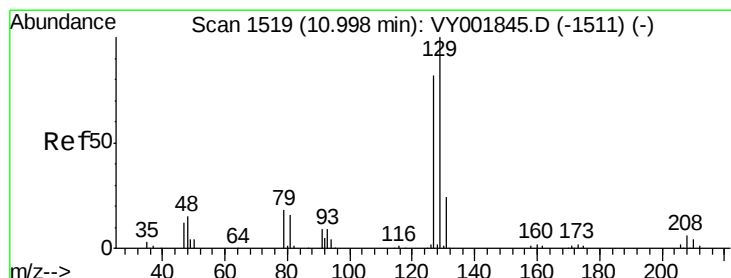
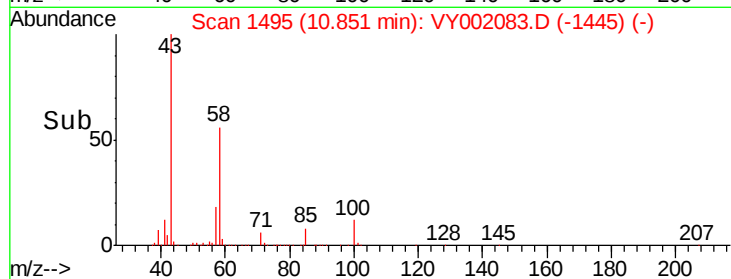
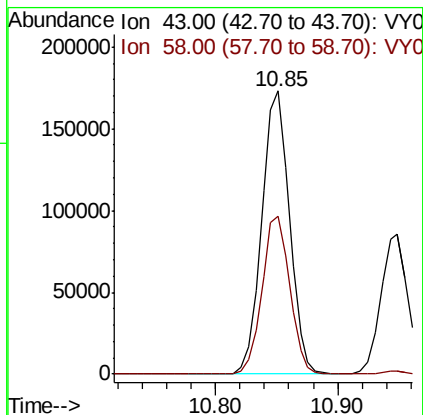
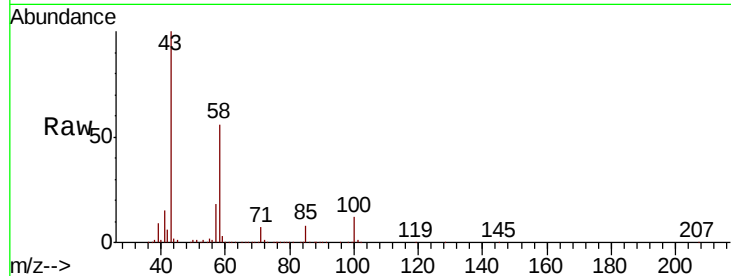
#59
2-Hexanone
Concen: 286.280 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 274050
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3

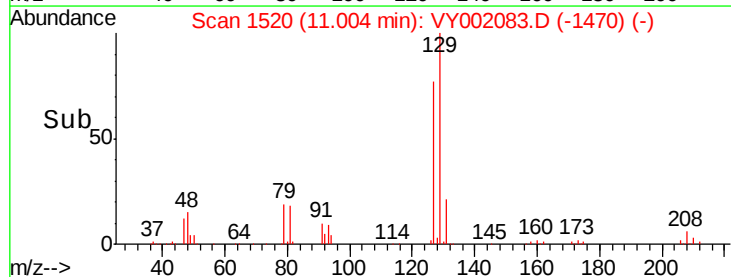
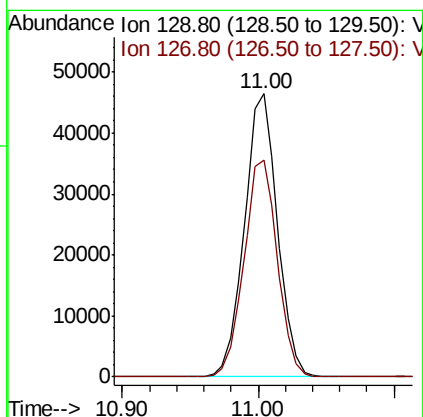
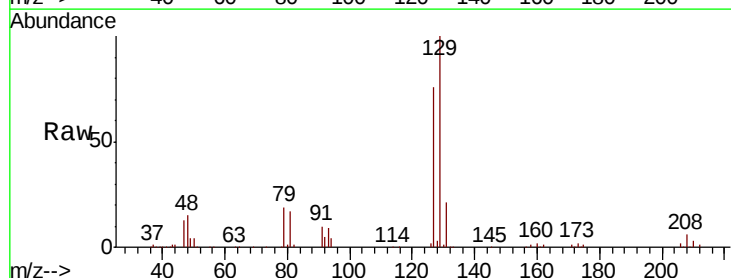
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#60
Dibromochloromethane
Concen: 56.260 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 129 Resp: 78830
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





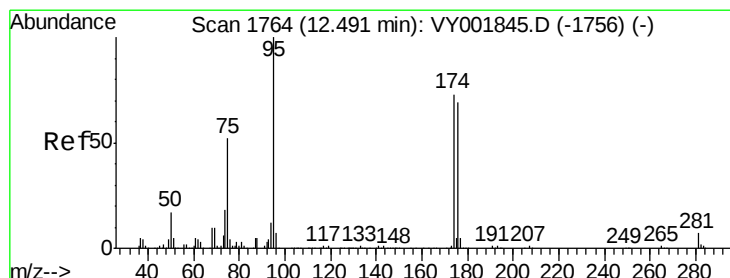
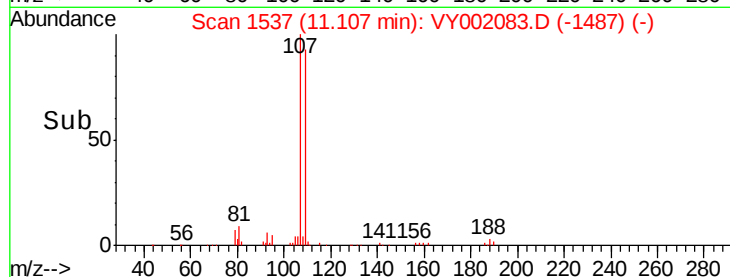
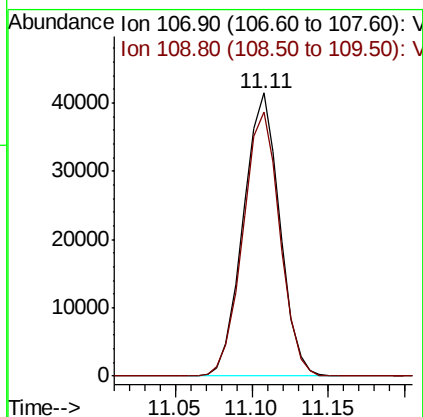
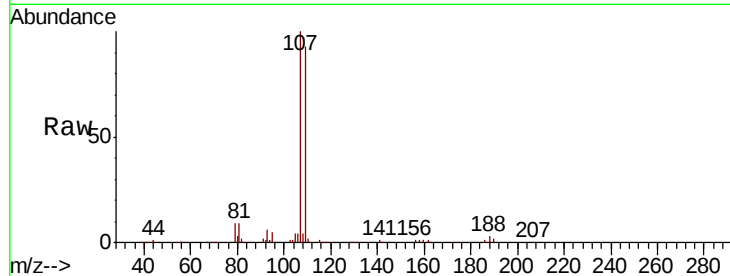
#61
 1,2-Dibromoethane
 Concen: 54.528 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.4	113.0

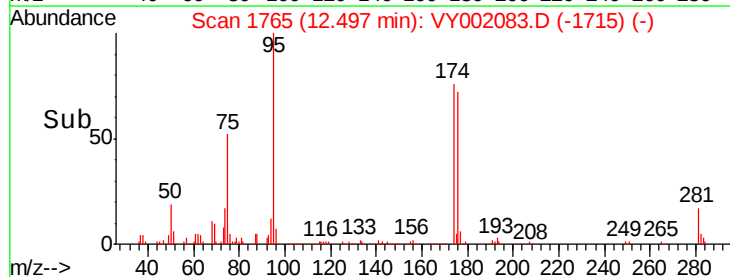
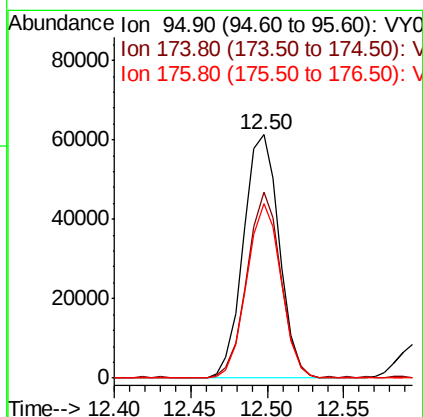
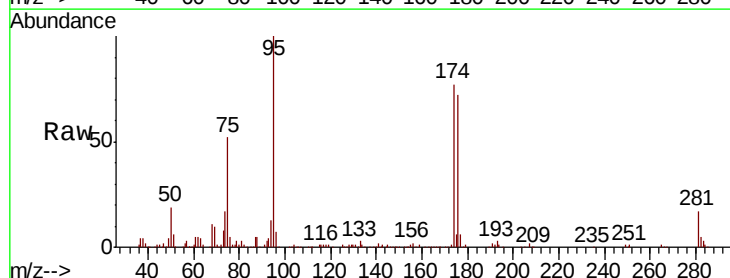
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#62
 4-Bromofluorobenzene
 Concen: 50.561 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.0
176	69.0	0.0	137.4





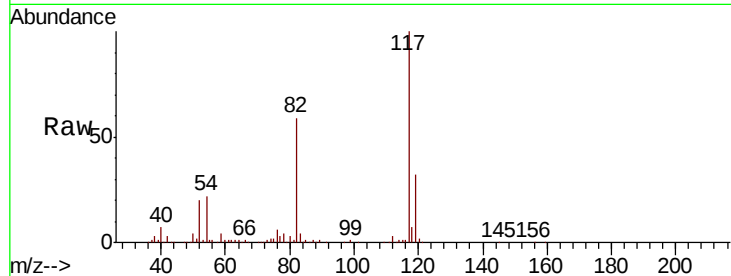
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.5	66.7
119	32.4	25.7	38.5

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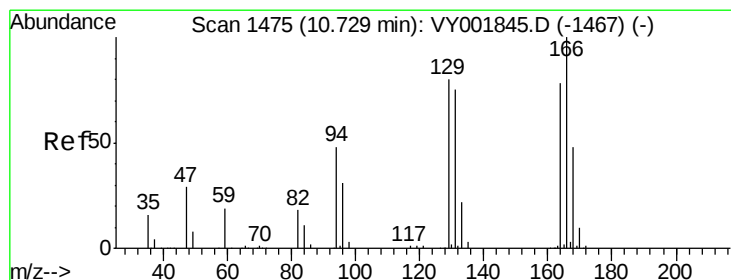
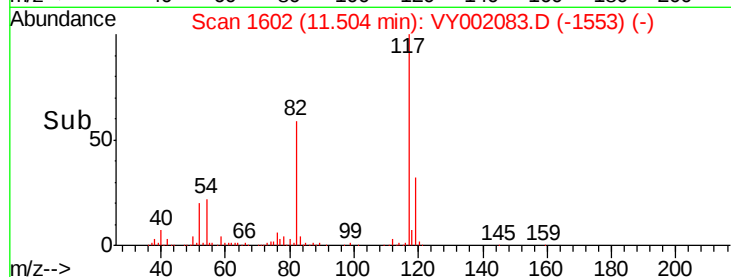
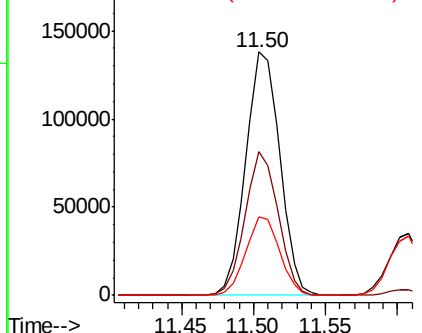


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.206 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.6	154.0
129	95.6	82.3	123.5
131	94.1	77.4	116.0

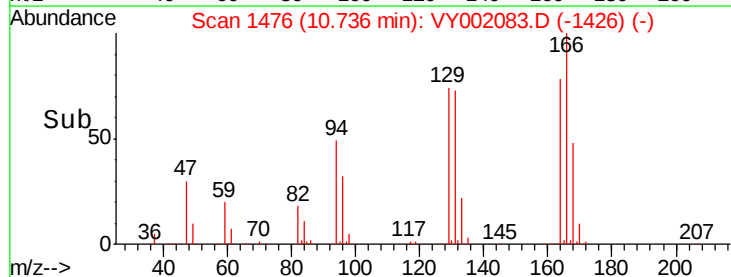
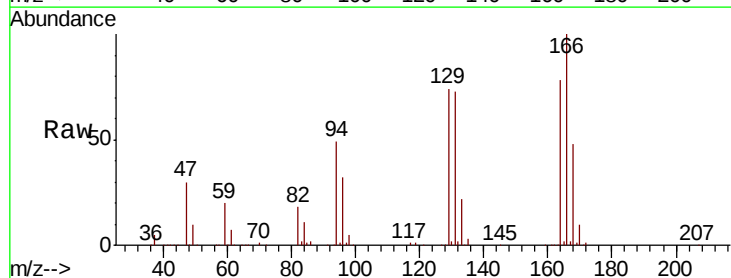
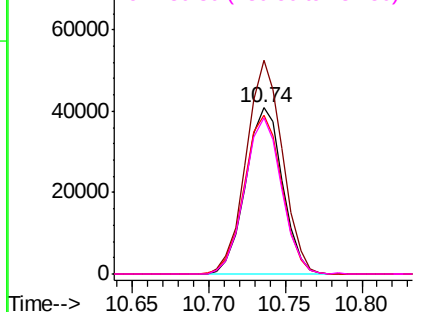
Abundance

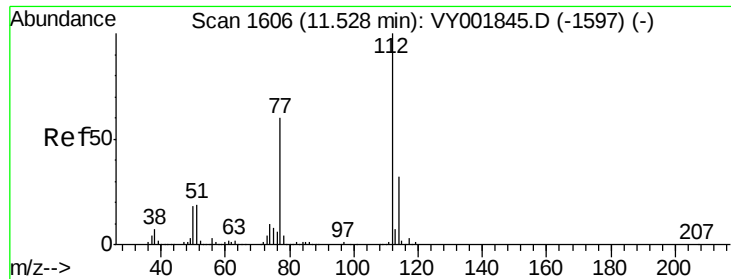
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





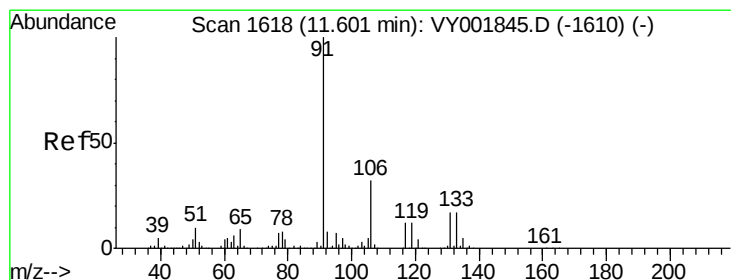
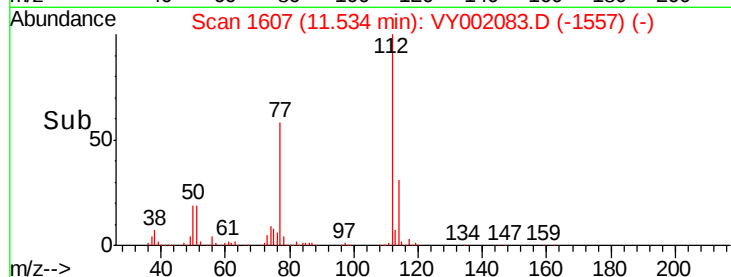
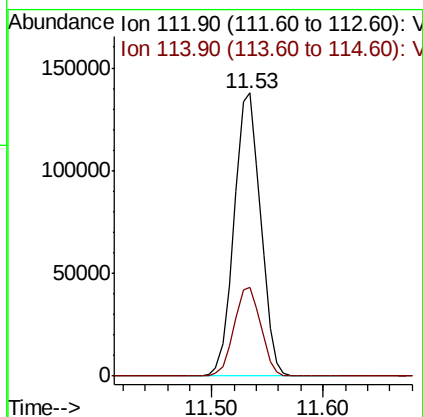
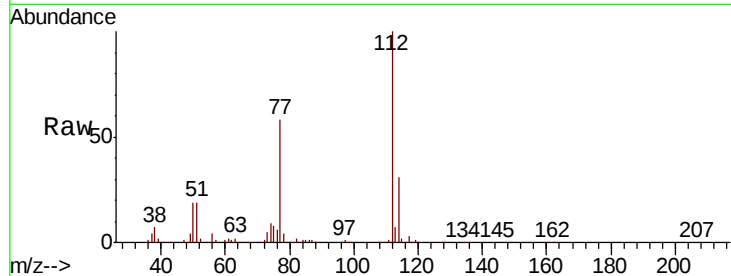
#65
Chlorobenzene
Concen: 50.269 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.9	38.9

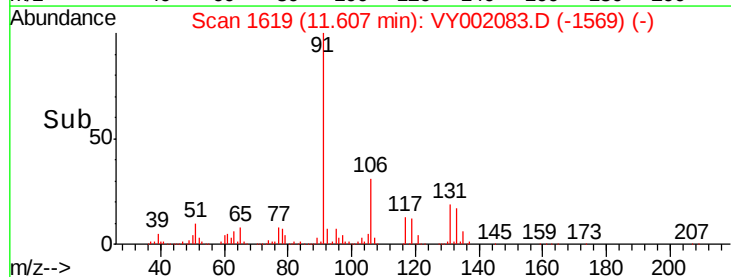
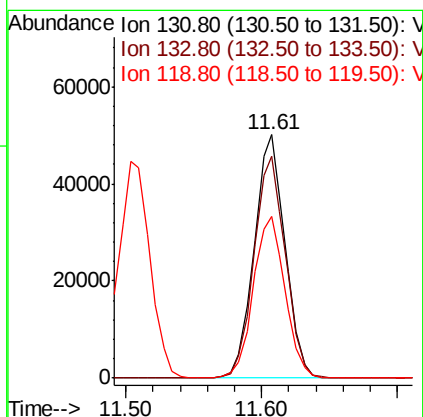
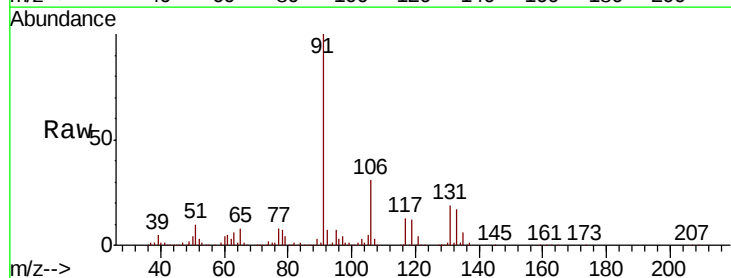
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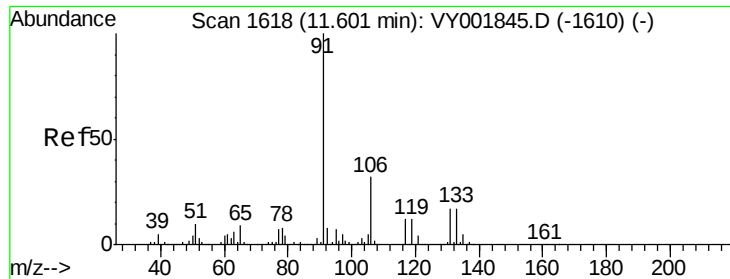
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.020 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.5	47.1	141.3
119	68.3	34.5	103.6





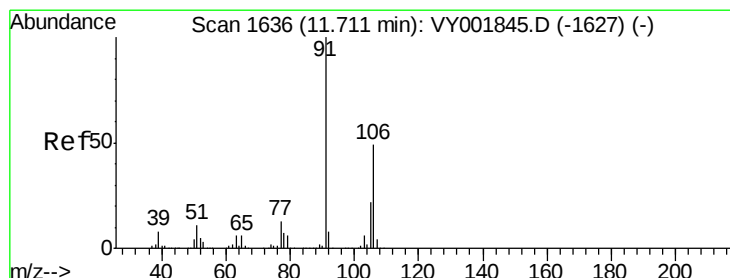
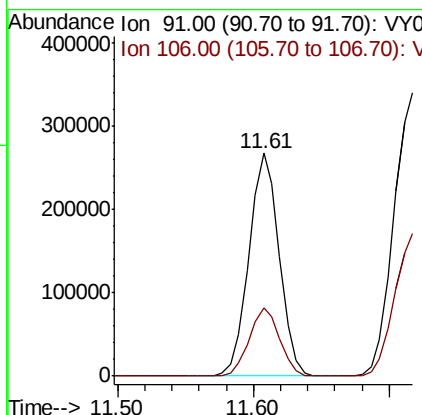
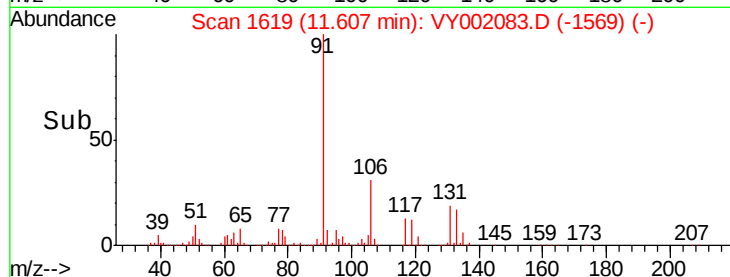
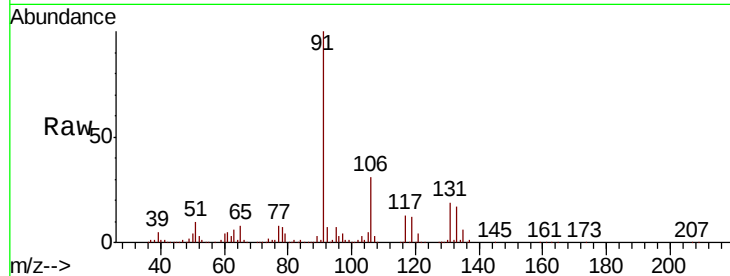
#67
Ethyl Benzene
Concen: 49.574 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 416936
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

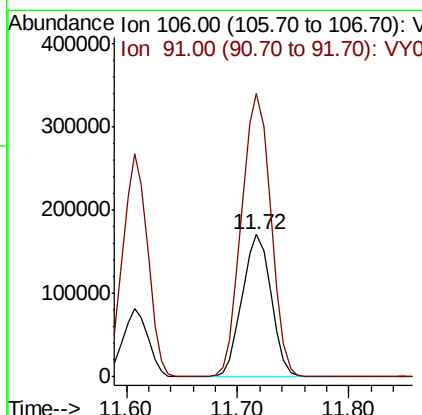
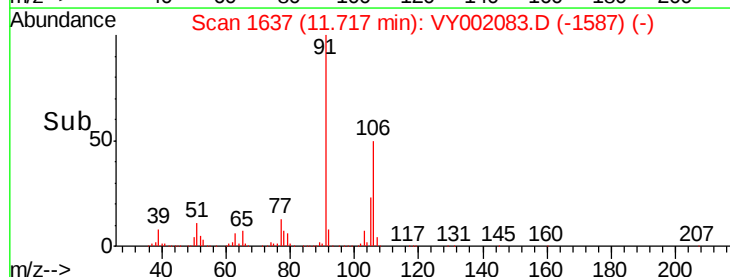
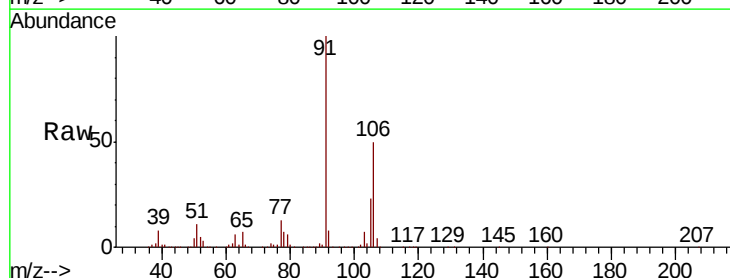
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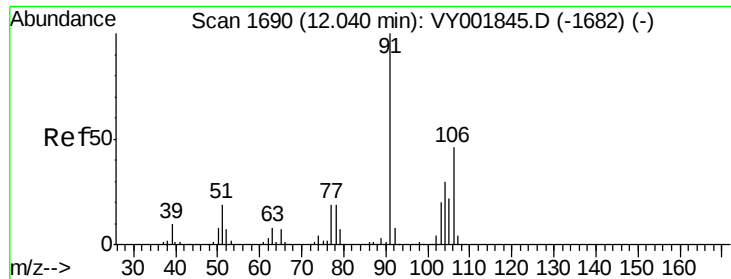
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#68
m/p-Xylenes
Concen: 100.155 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 106 Resp: 311424
Ion Ratio Lower Upper
106 100
91 200.6 161.3 241.9





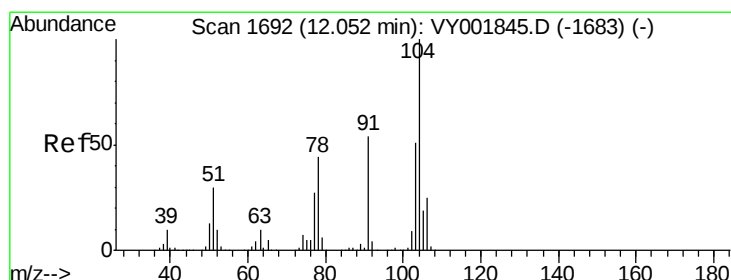
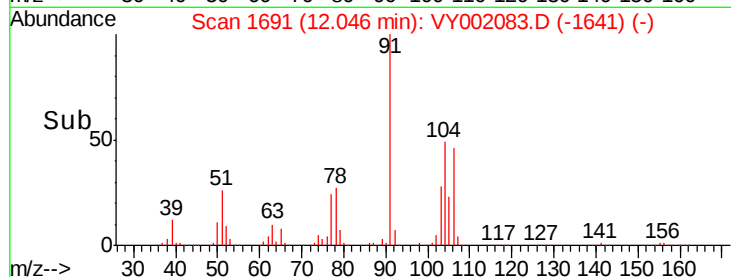
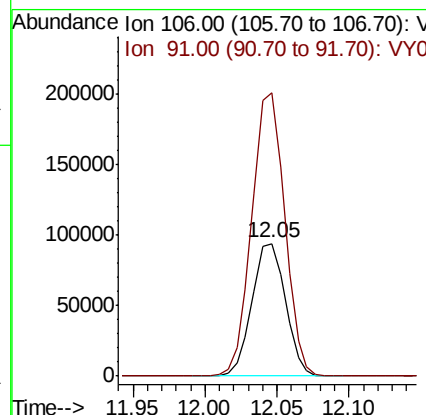
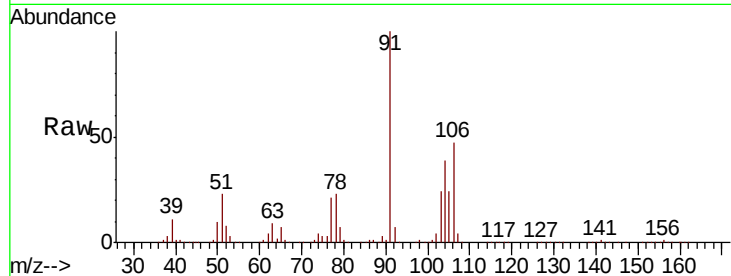
#69
o-Xylene
Concen: 51.606 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 151243
Ion Ratio Lower Upper
106 100
91 209.7 106.8 320.4

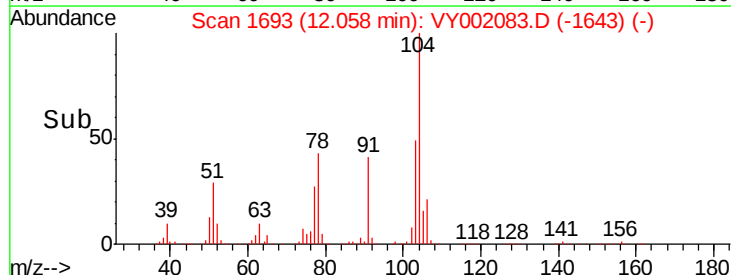
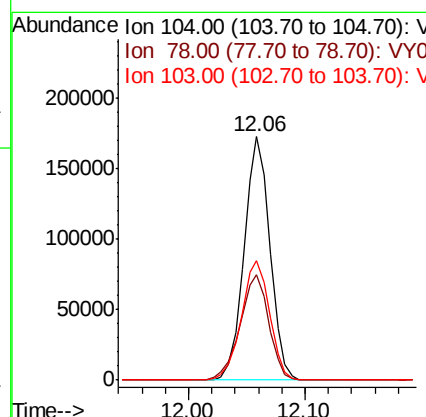
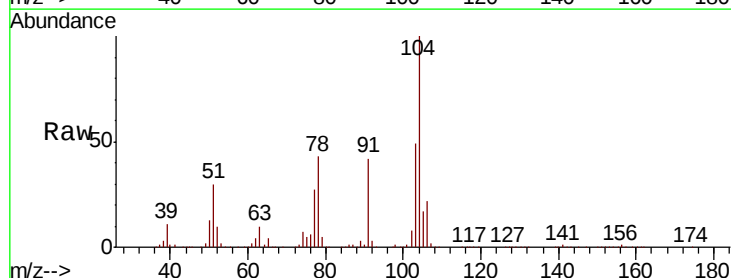
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#70
Styrene
Concen: 53.037 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:104 Resp: 266219
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.8 42.9 64.3





#71

Bromoform

Concen: 56.330 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

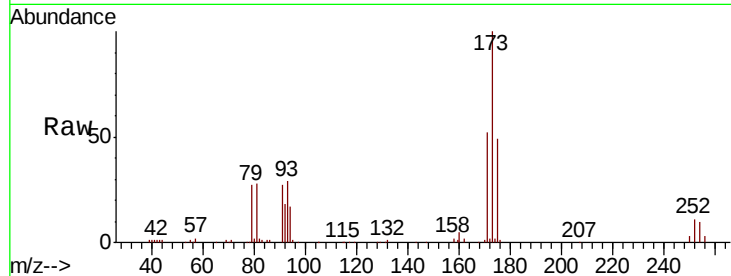
ClientSampleId :

VSTDCCC050EC

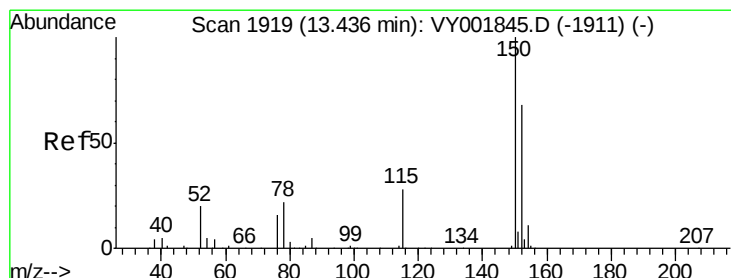
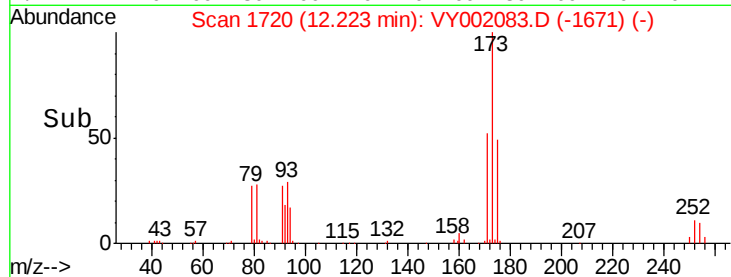
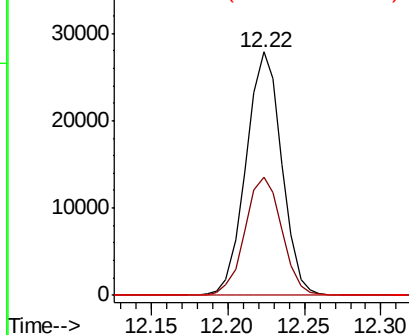
Tot Ion:	173	Resp:	45177
Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.3	72.8
254	0.0	0.0	0.0

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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

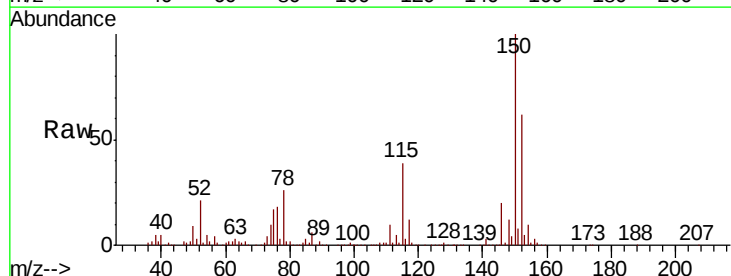
RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

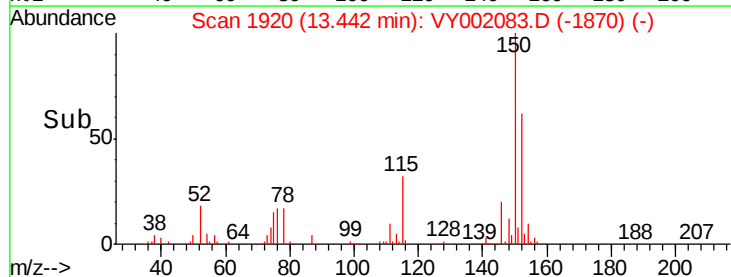
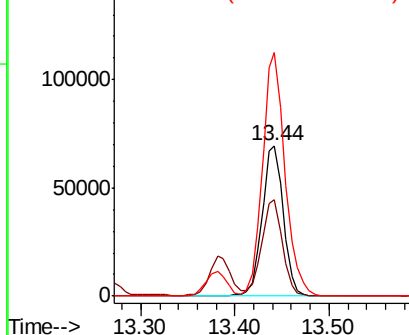
Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	152	Resp:	111195
Ion	Ratio	Lower	Upper
152	100		
115	62.1	29.9	89.7
150	169.7	0.0	340.6



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





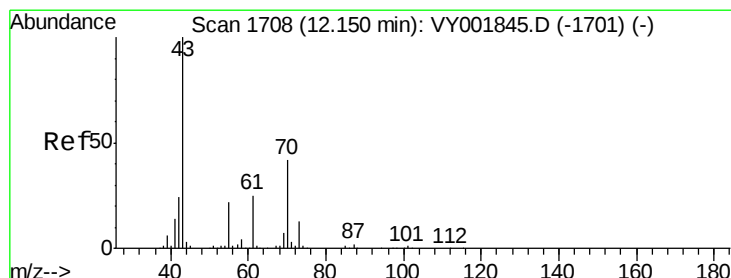
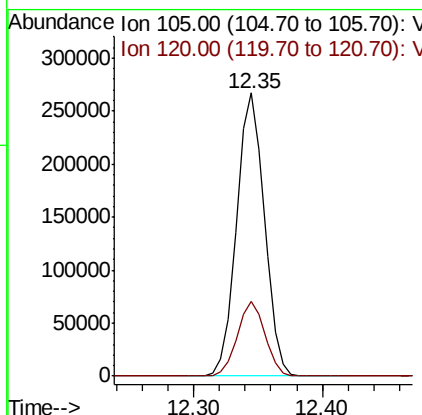
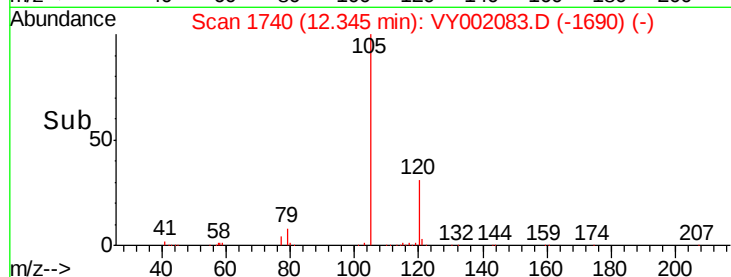
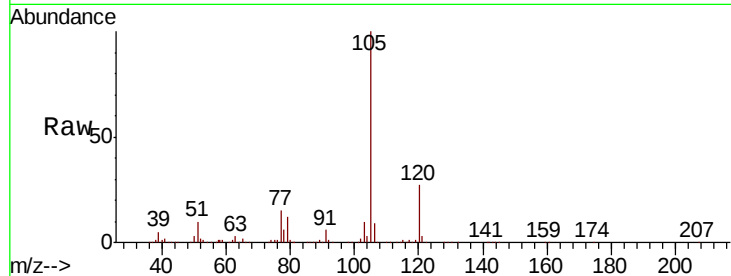
#73
Isopropylbenzene
Concen: 47.056 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3

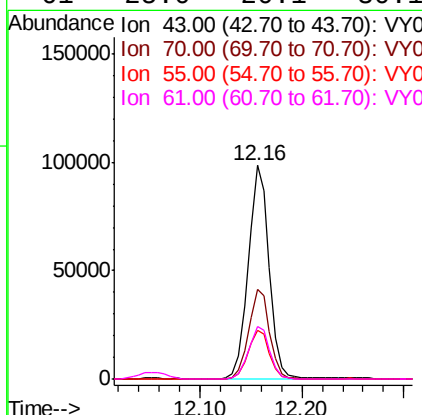
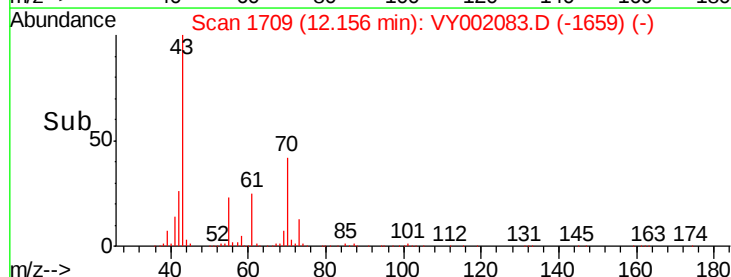
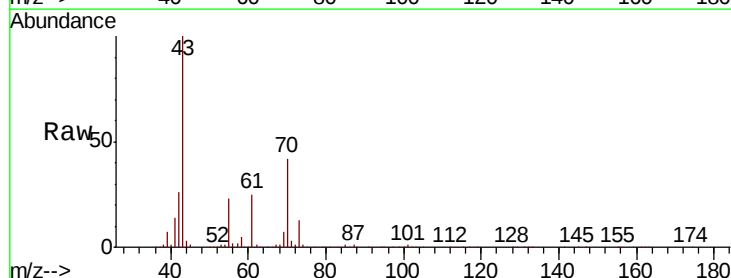
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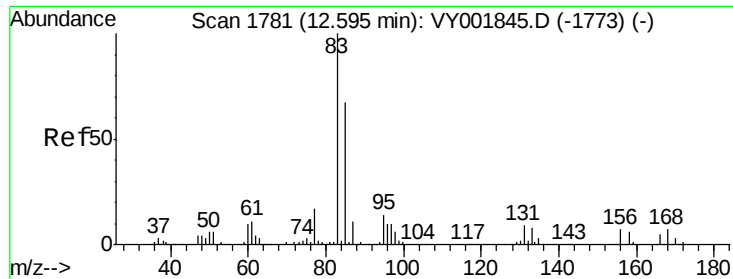
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#74
N-ethyl acetate
Concen: 53.694 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	34.7	52.1
55	23.5	18.2	27.4
61	25.0	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.611 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

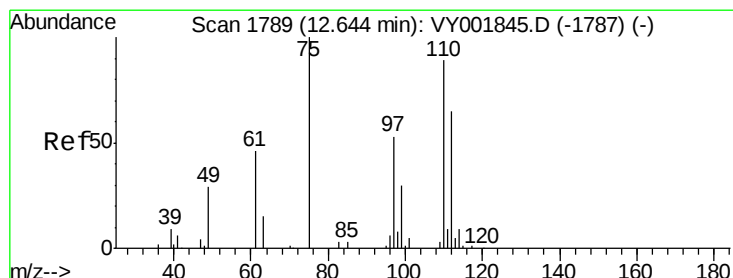
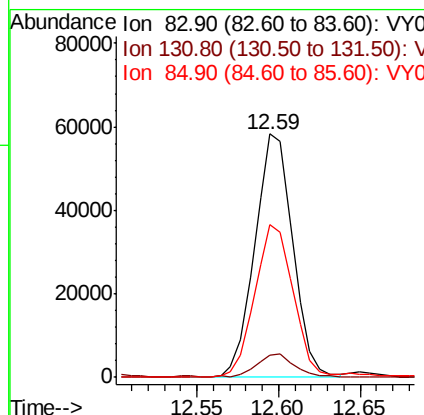
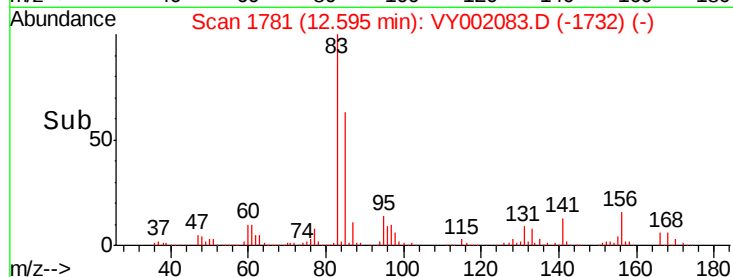
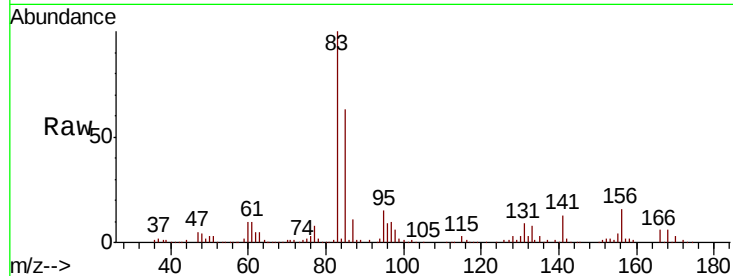
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	94473
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.6	13.8
85	63.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 44.015 ug/l m

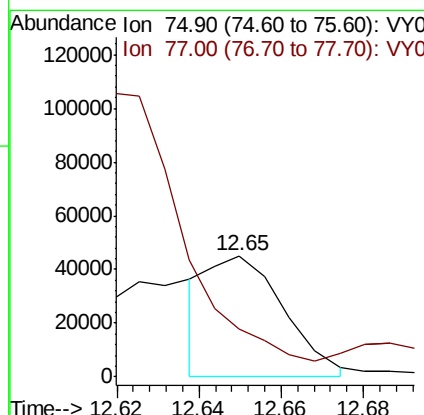
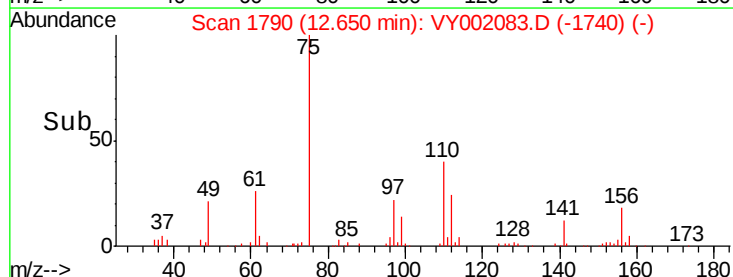
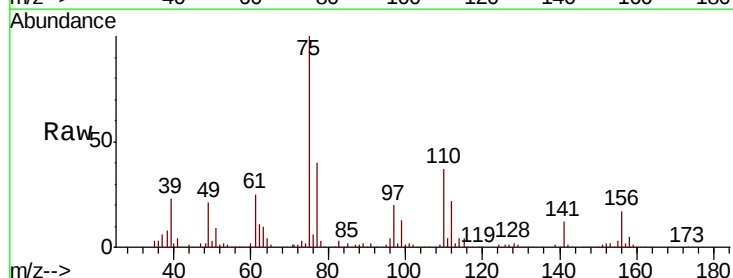
RT: 12.65 min Scan# 1790

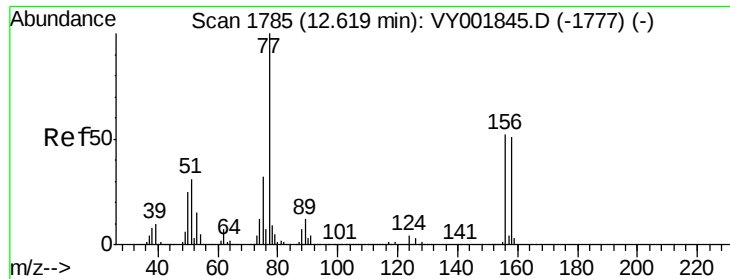
Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	75	Resp:	58074
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





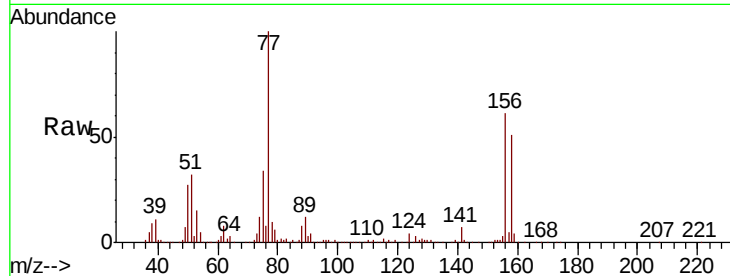
#77
Bromobenzene
Concen: 66.406 ug/l m
RT: 12.63 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

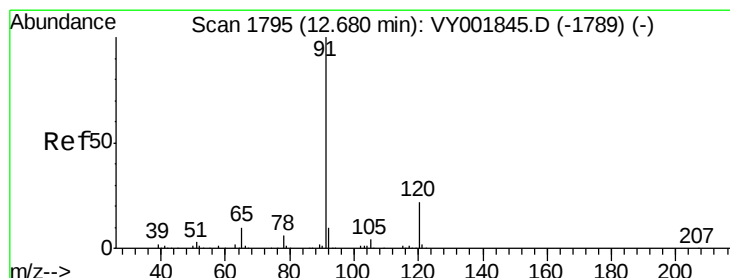
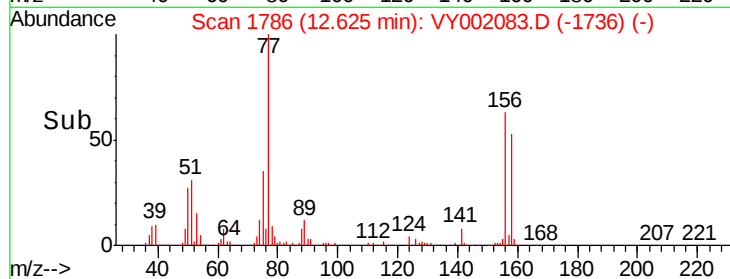
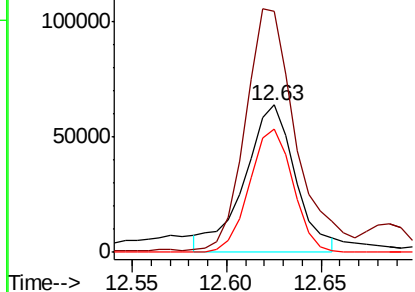
Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	164.8	109.0	327.0	
158	71.4	48.9	146.8	

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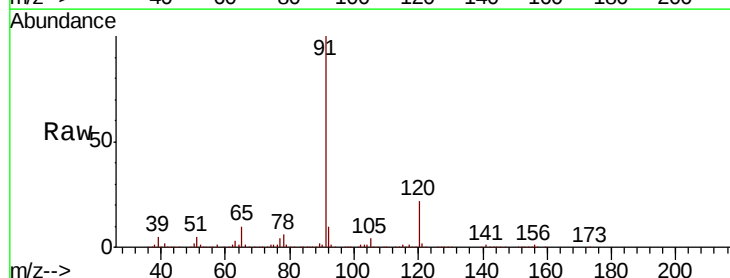


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

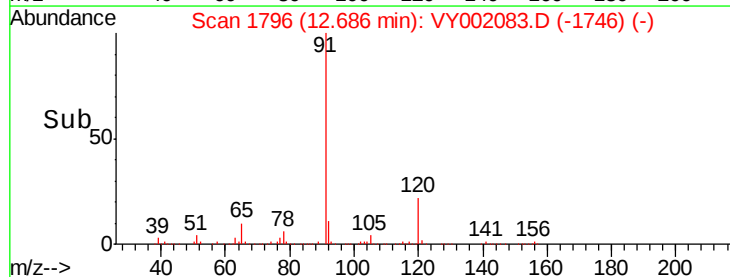
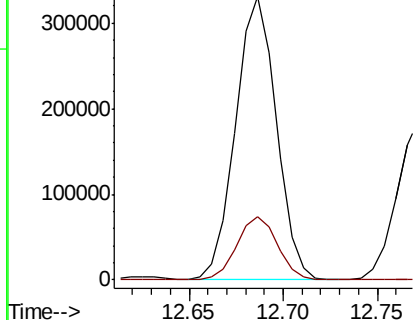


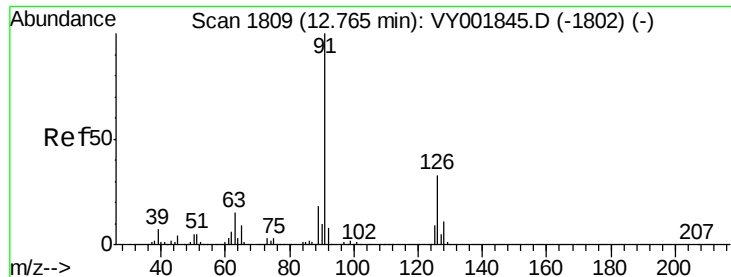
#78
n-propylbenzene
Concen: 47.267 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	11.0	33.0	



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





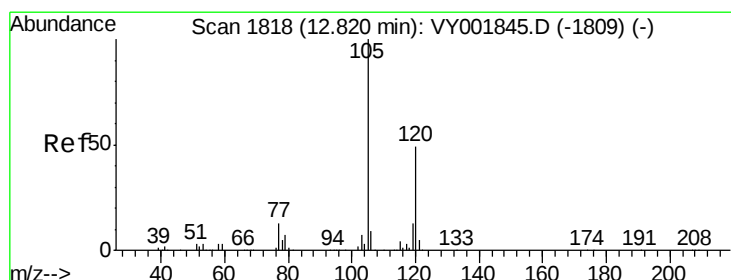
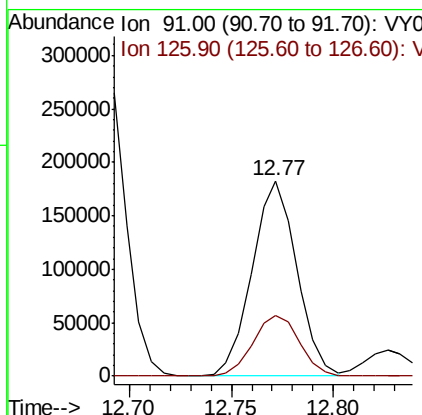
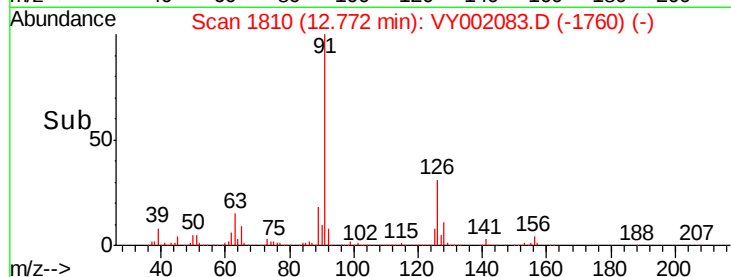
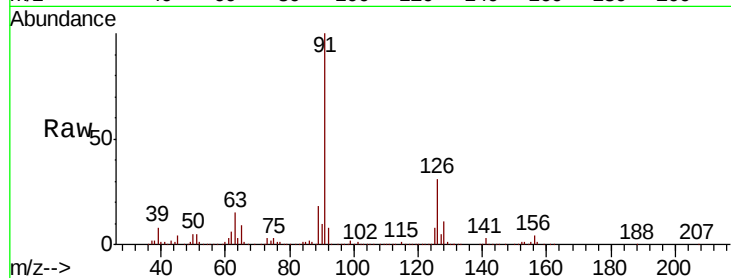
#79
2-Chlorotoluene
Concen: 48.031 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 277893
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

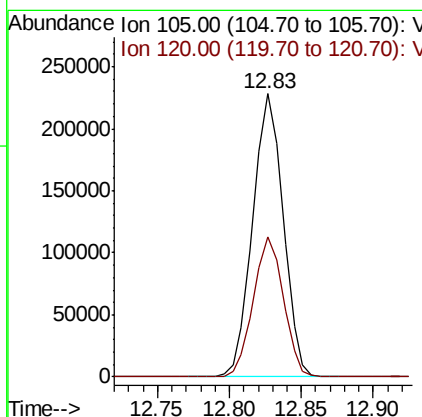
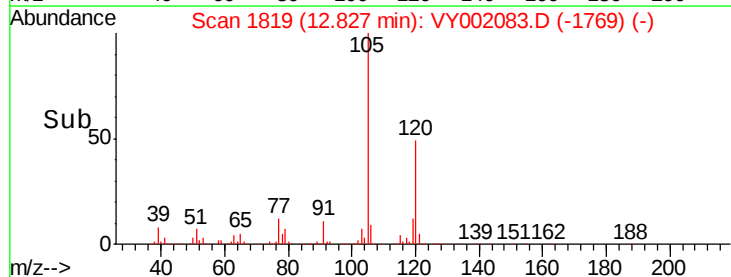
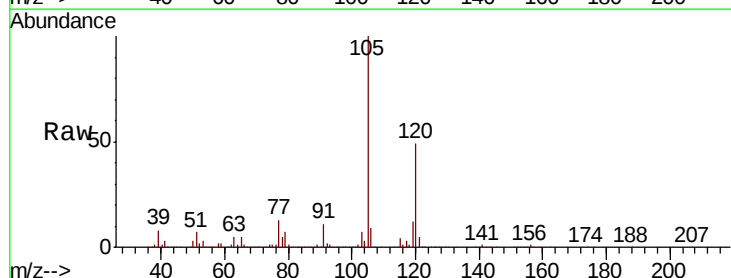
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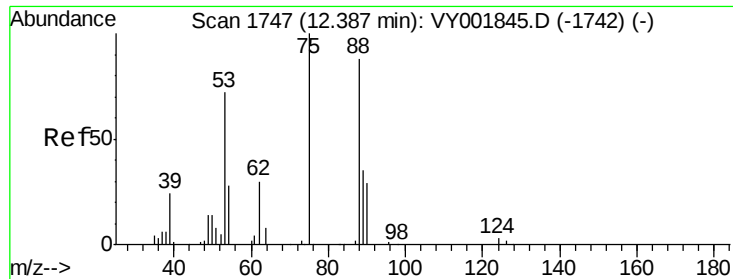
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#80
1,3,5-Trimethylbenzene
Concen: 47.722 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 105 Resp: 333482
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.2





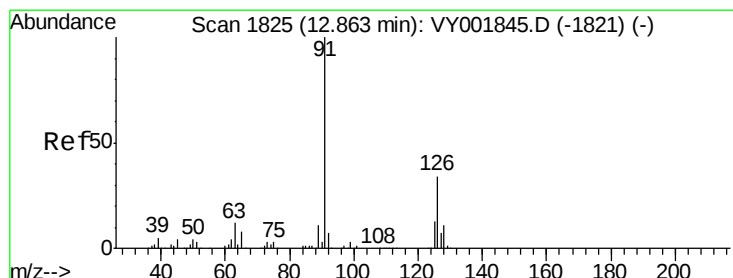
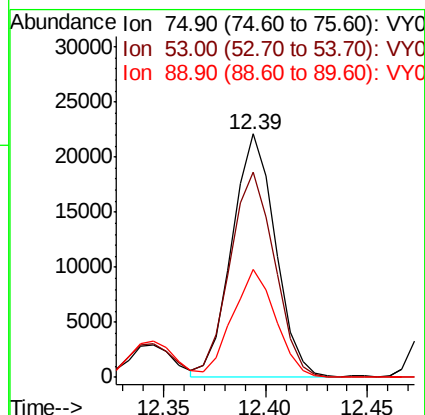
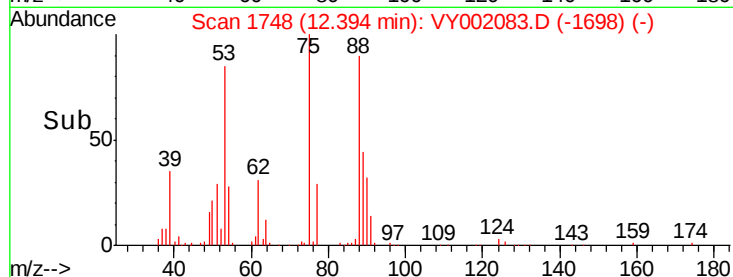
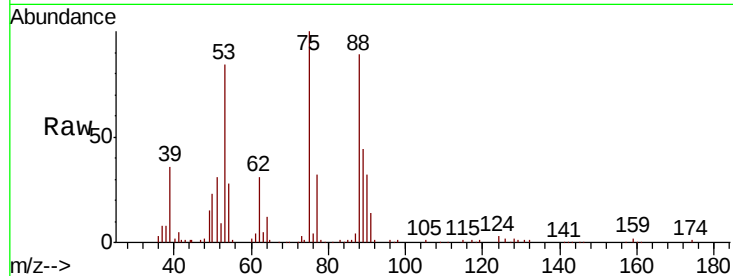
#81
trans-1,4-Dichloro-2-butene
Concen: 49.715 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	65.4	98.0
89	44.2	36.0	54.0

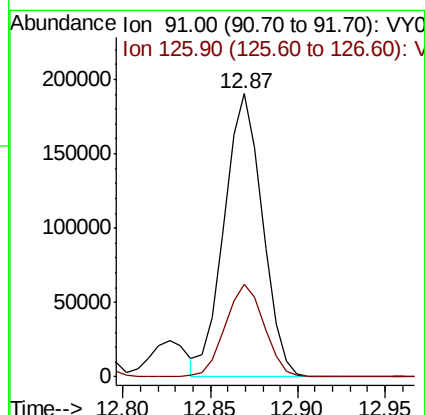
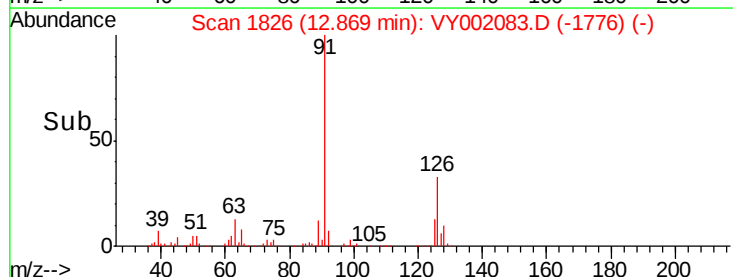
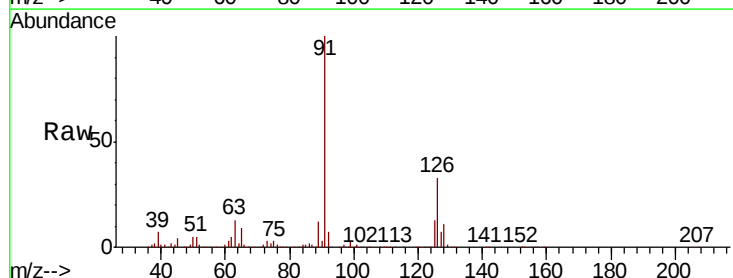
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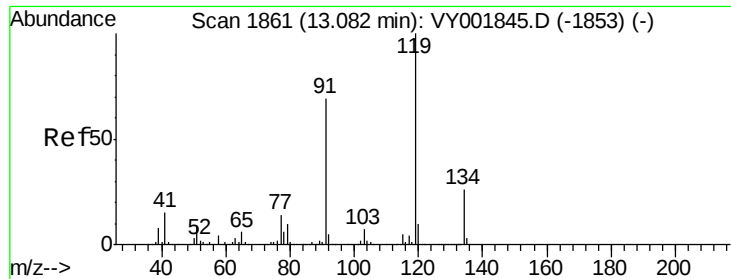
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#82
4-Chlorotoluene
Concen: 48.146 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.2





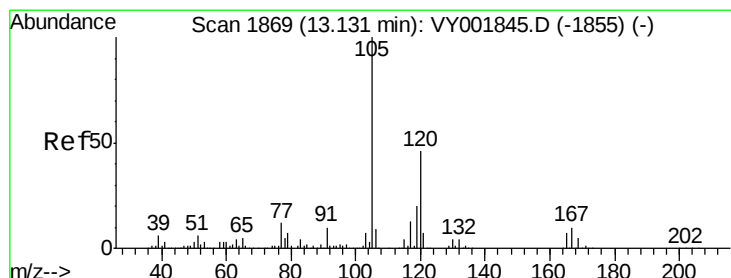
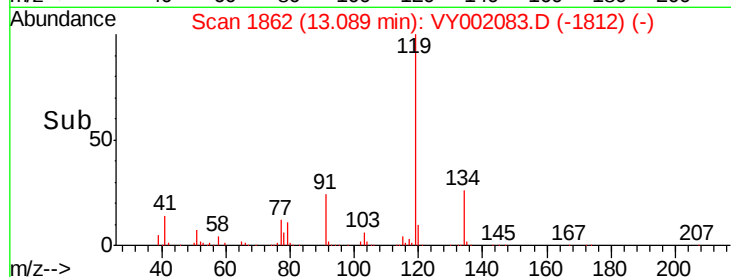
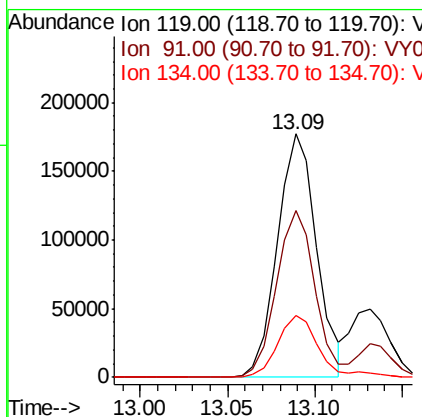
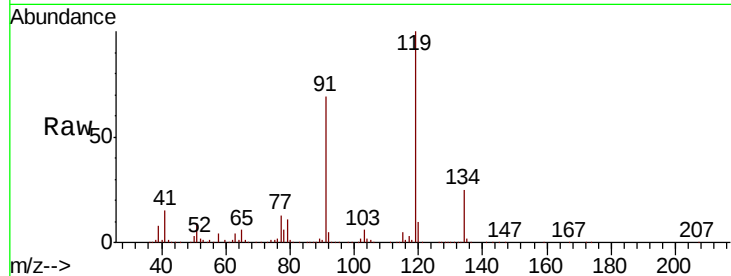
#83
tert-Butylbenzene
Concen: 47.771 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.0	101.8
134	27.0	13.5	40.4

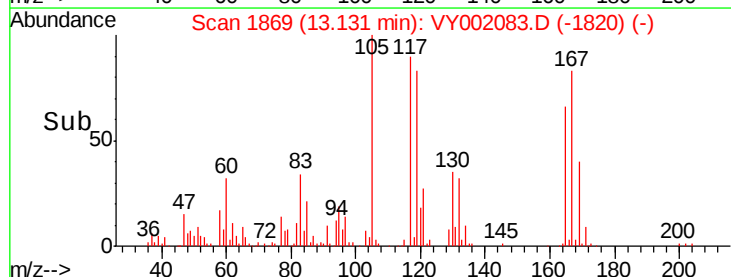
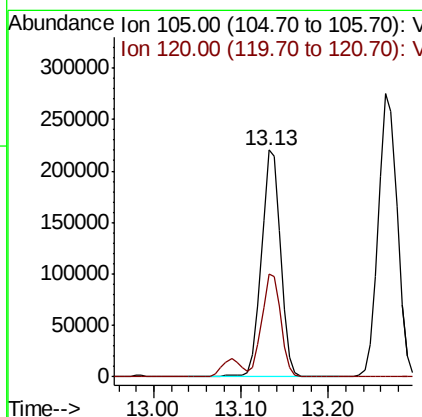
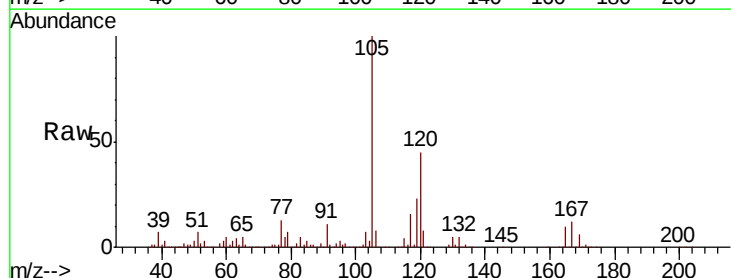
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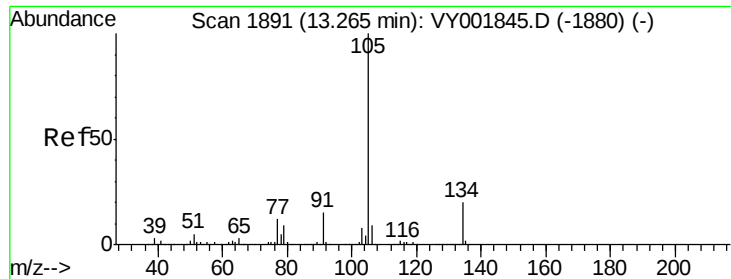
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#84
1,2,4-Trimethylbenzene
Concen: 48.546 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.221 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 412534

Ion Ratio Lower Upper

105 100

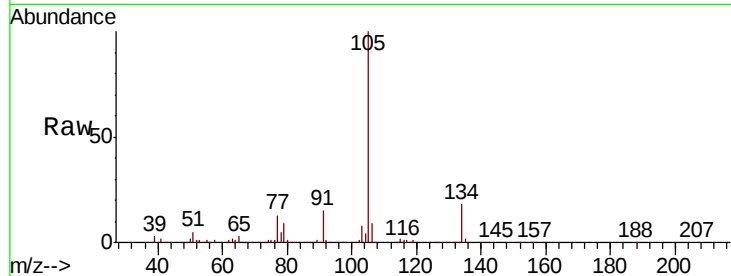
134 19.3 9.7 29.1

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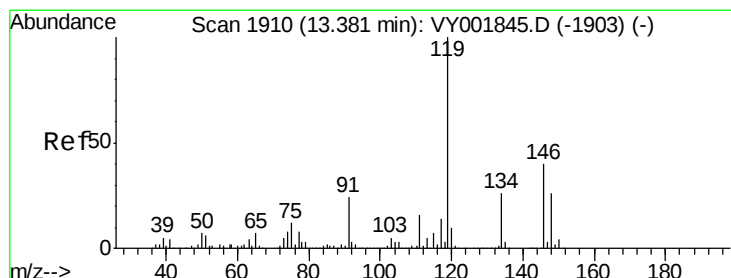
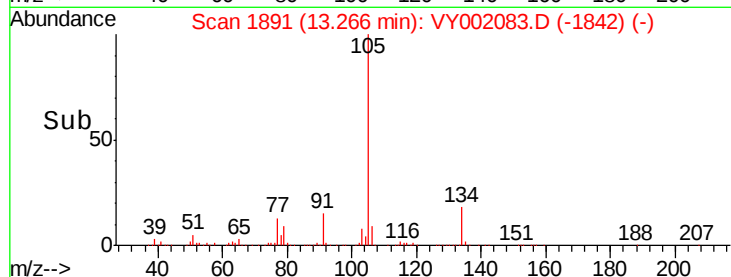
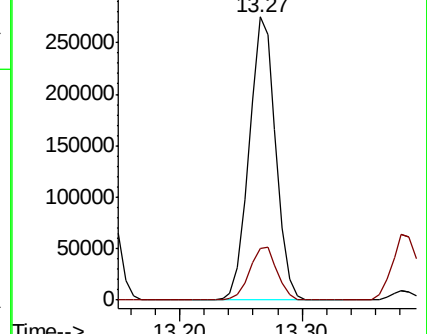
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.143 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

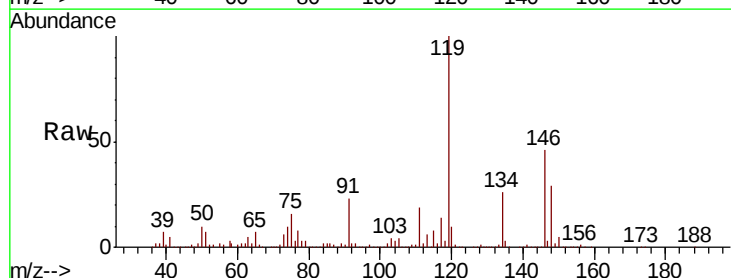
Tgt Ion:119 Resp: 355287

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

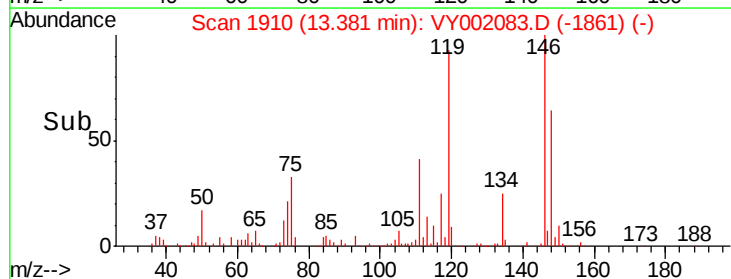
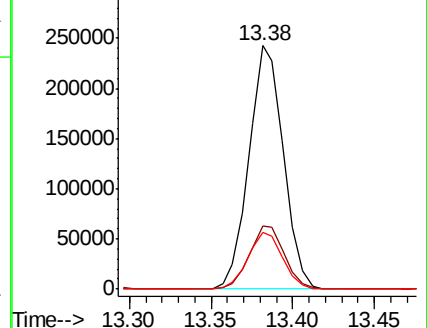
91 23.6 11.9 35.7

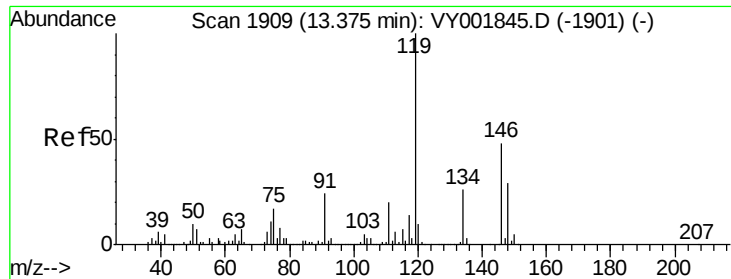


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.531 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

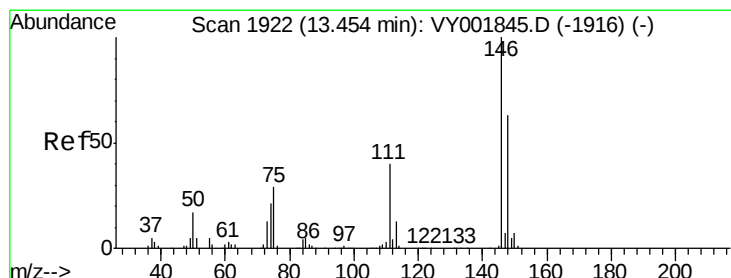
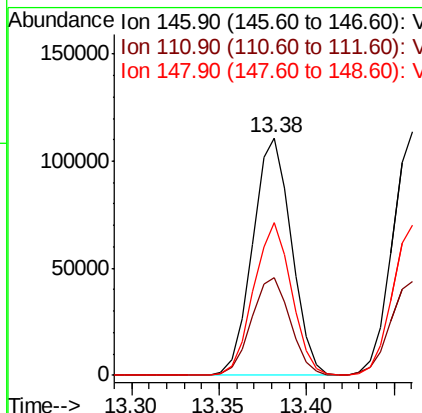
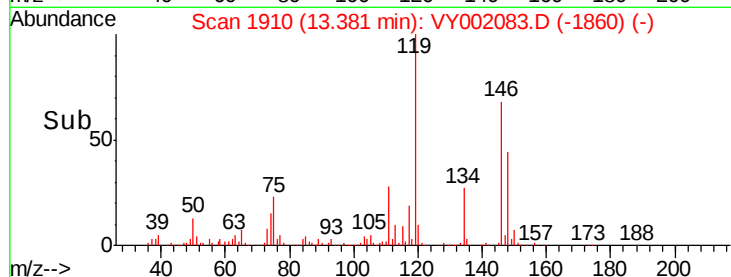
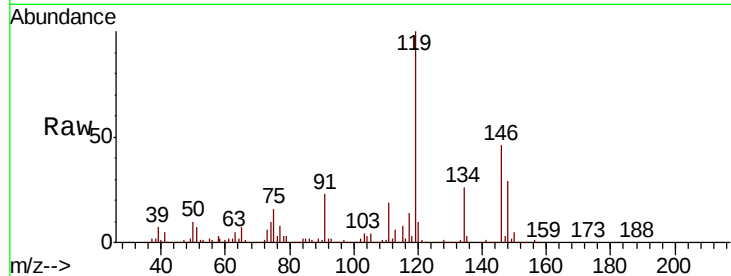
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	62.7	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 49.095 ug/l

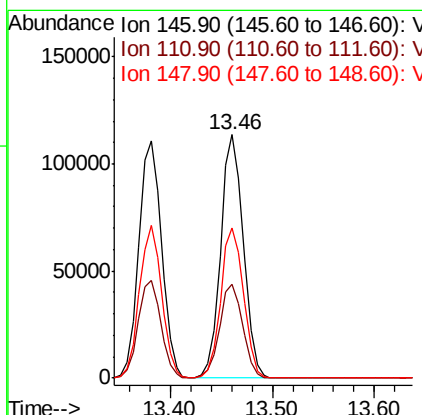
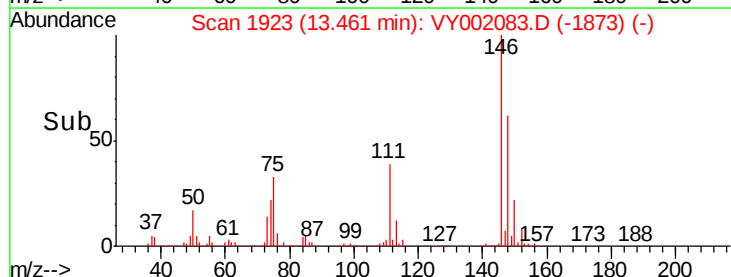
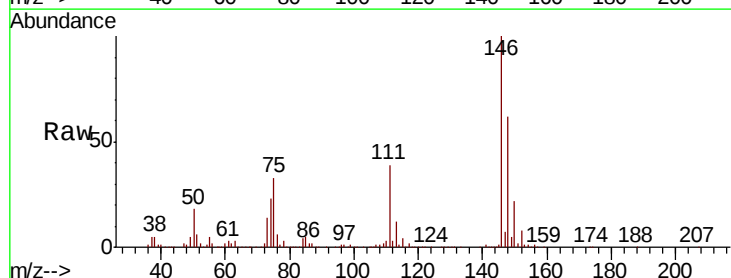
RT: 13.46 min Scan# 1923

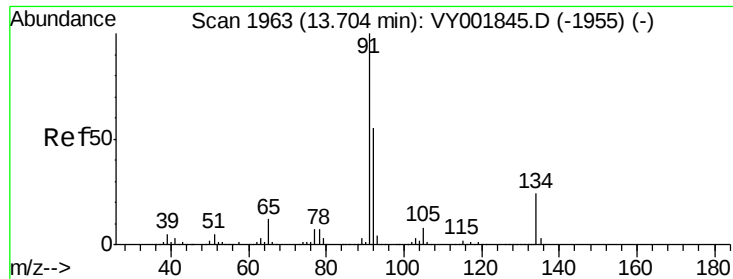
Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	62.0	31.5	94.5





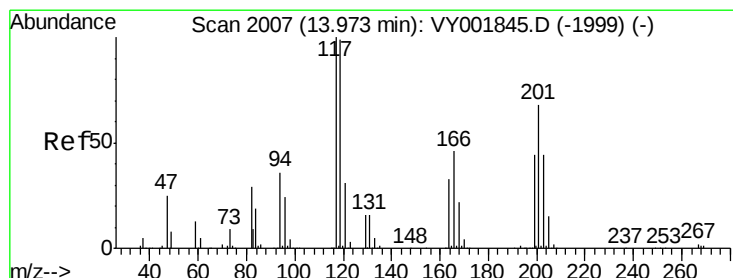
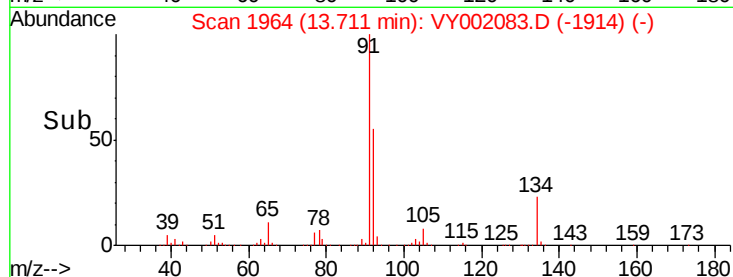
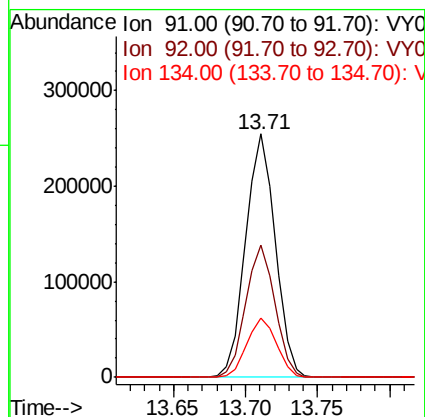
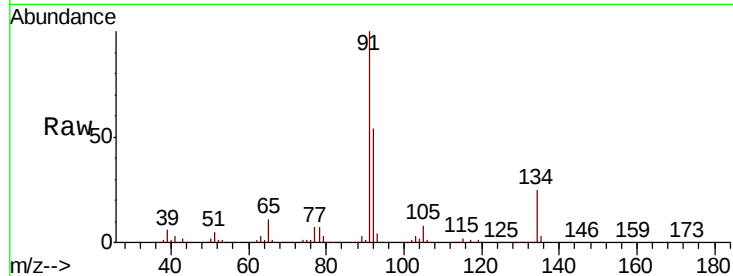
#89
n-Butylbenzene
Concen: 47.354 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.5	82.4
134	24.6	12.5	37.5

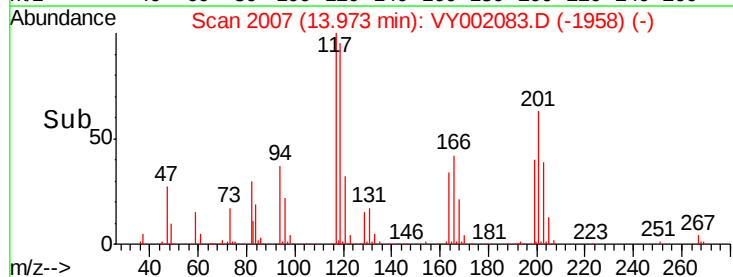
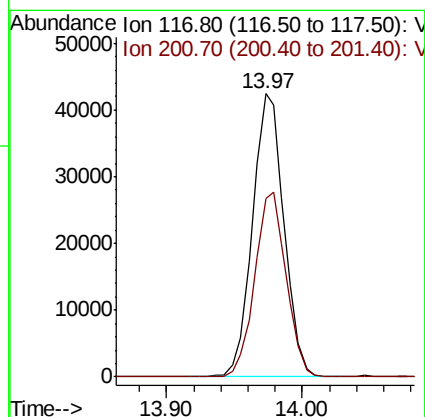
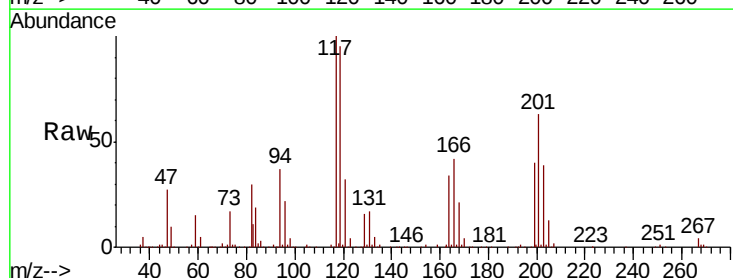
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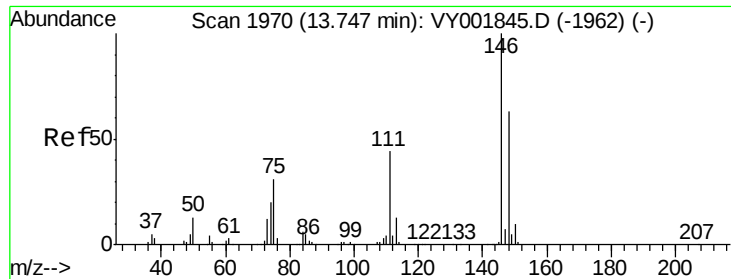
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#90
Hexachloroethane
Concen: 49.438 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.9	32.5	97.5





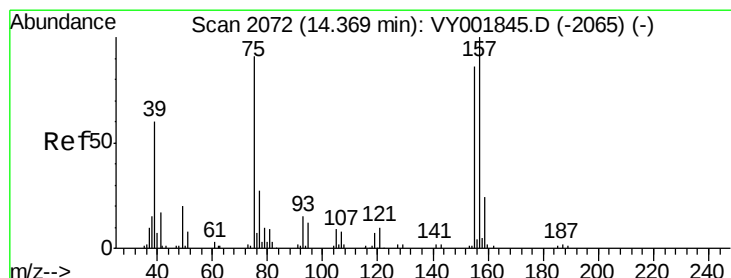
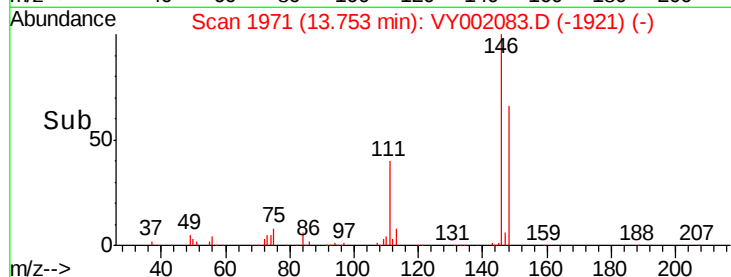
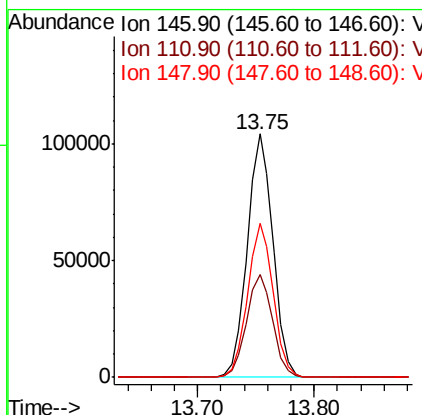
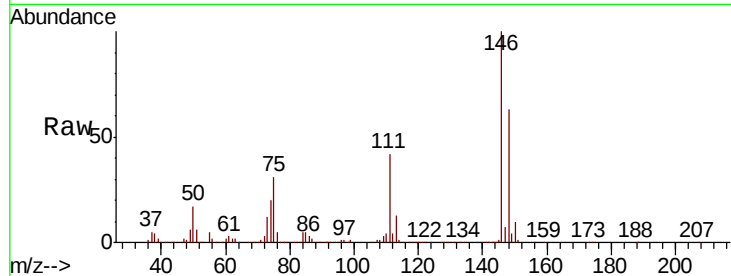
#91
 1,2-Dichlorobenzene
 Concen: 49.975 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	62.8	32.0	96.0

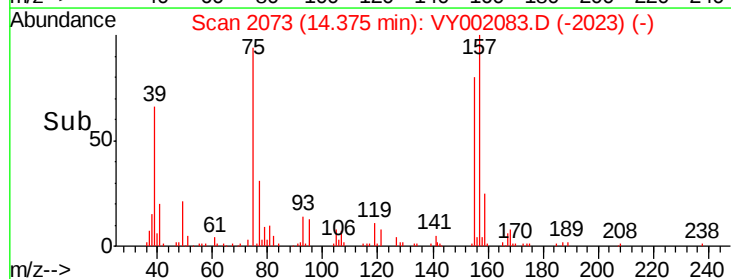
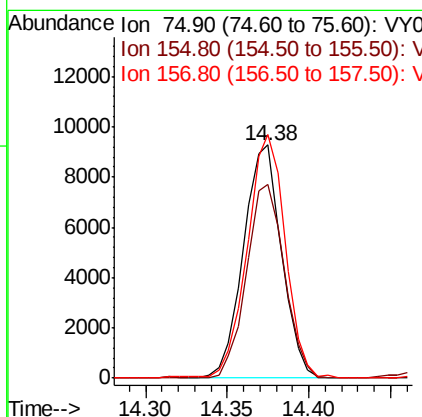
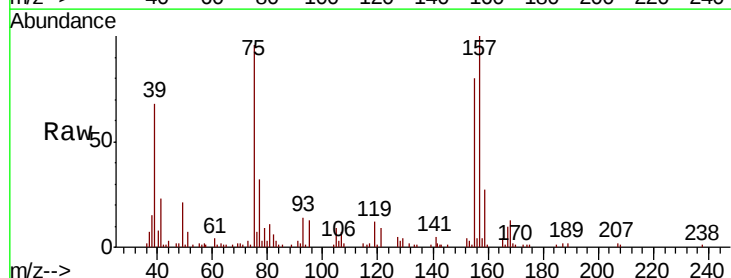
Manual Integrations
 APPROVED

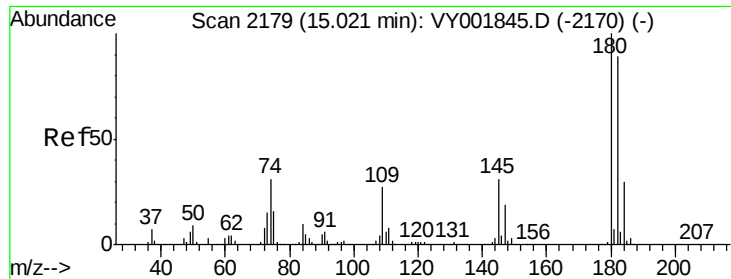
apatel
 3/26/2020 10:59:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.864 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	42.9	128.7
157	104.0	53.1	159.4





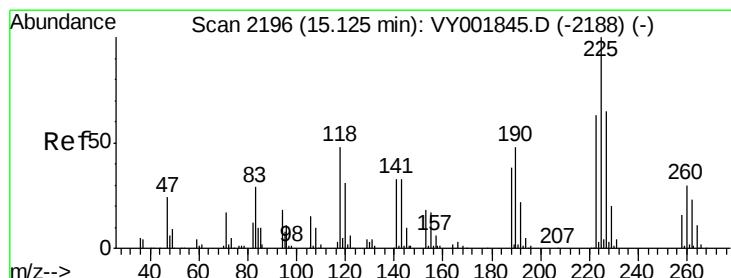
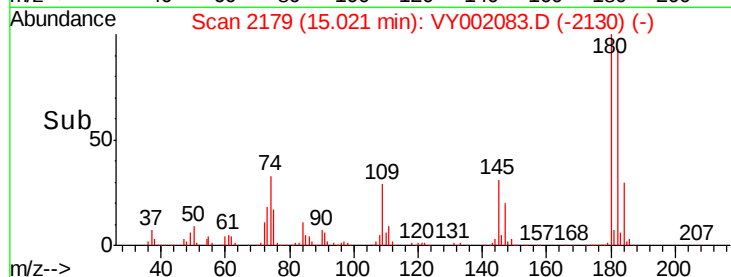
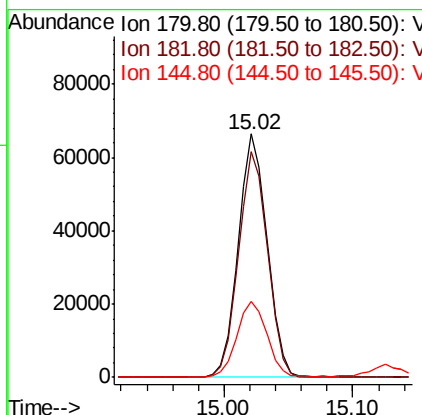
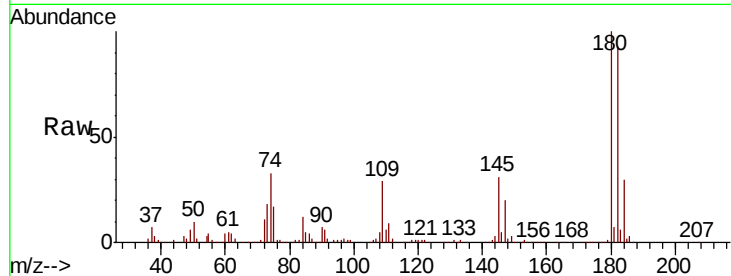
#93
 1,2,4-Trichlorobenzene
 Concen: 49.465 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.1	138.3
145	32.7	15.6	46.8

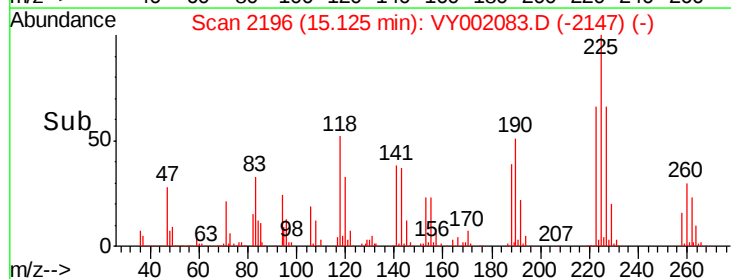
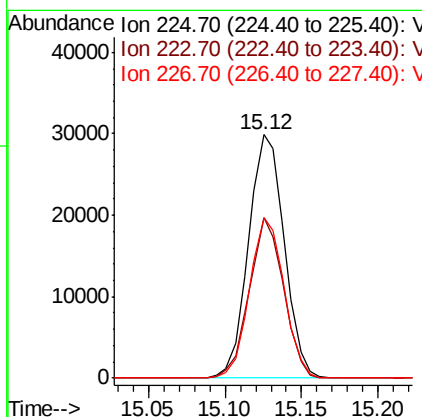
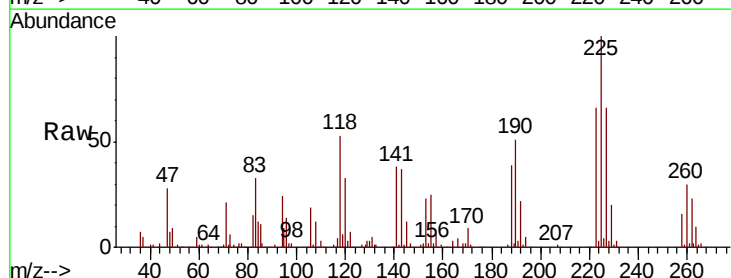
Manual Integrations
 APPROVED

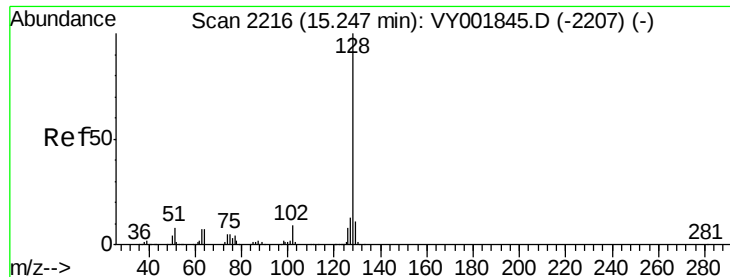
apatel
 3/26/2020 10:59:15 AM



#94
 Hexachlorobutadiene
 Concen: 47.958 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.5	94.5
227	63.7	31.9	95.5





#95

Naphthalene

Concen: 52.317 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

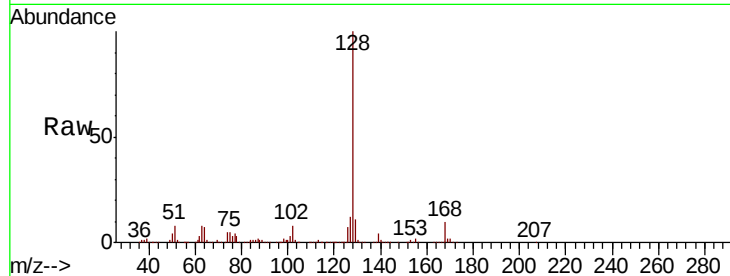
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	257657
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
3/26/2020 10:59:15 AM

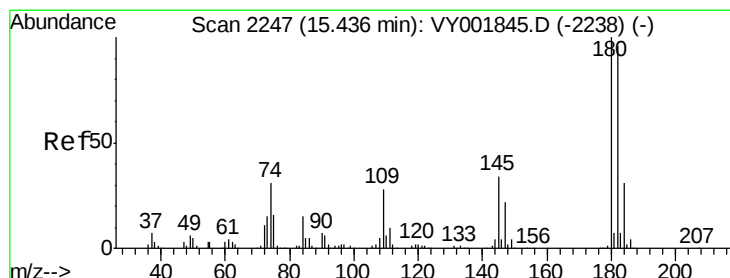
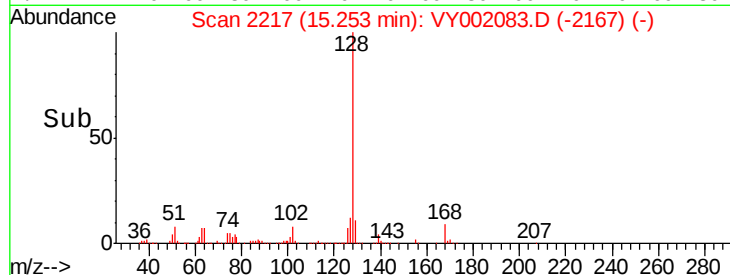
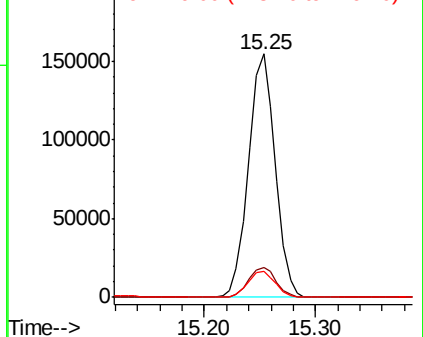


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.548 ug/l

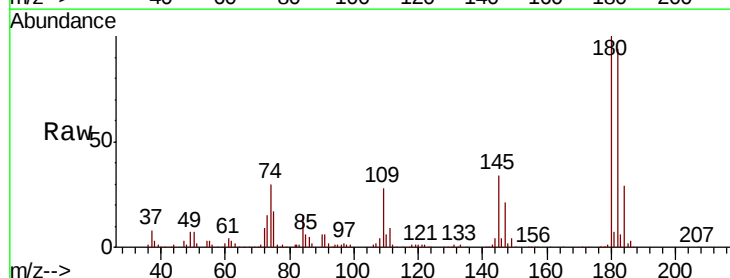
RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion:	180	Resp:	92457
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.6	142.9
145	34.8	16.8	50.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

