

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002058.D
 Acq On : 24 Mar 2020 18:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:38:03 AM

Quant Time: Mar 24 19:09:04 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	7.81	168	141428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	234477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	77984	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.74	113	74252	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.19	98	296809	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.49	95	107683	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55517	42.526	ug/l	96
3) Chloromethane	2.12	50	79172	44.982	ug/l	99
4) Vinyl Chloride	2.26	62	81925	45.760	ug/l	97
5) Bromomethane	2.66	94	56830	54.925	ug/l	99
6) Chloroethane	2.80	64	55416	49.275	ug/l	96
7) Trichlorofluoromethane	3.14	101	117731	48.489	ug/l	96
8) Diethyl Ether	3.55	74	48350	50.525	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	76402	48.923	ug/l	99
10) Methyl Iodide	4.11	142	84626	46.859	ug/l	100
11) Tert butyl alcohol	4.98	59	39971	254.833	ug/l	97
12) 1,1-Dichloroethene	3.90	96	76321	48.537	ug/l	99
13) Acrolein	3.75	56	53024	249.915	ug/l	97
14) Allyl chloride	4.50	41	145338	52.137	ug/l	97
15) Acrylonitrile	5.19	53	136102	266.156	ug/l	99
16) Acetone	3.97	43	102292	232.611	ug/l	99
17) Carbon Disulfide	4.21	76	226650	42.878	ug/l	100
18) Methyl Acetate	4.50	43	61413	54.352	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	228346	53.588	ug/l	97
20) Methylene Chloride	4.74	84	90845	48.201	ug/l	91
21) trans-1,2-Dichloroethene	5.24	96	87088	48.796	ug/l	99
22) Diisopropyl ether	6.14	45	311194	54.461	ug/l	97
23) Vinyl Acetate	6.09	43	1017348	271.584	ug/l	99
24) 1,1-Dichloroethane	6.05	63	161462	52.179	ug/l	99
25) 2-Butanone	7.01	43	173797	259.884	ug/l	100
26) 2,2-Dichloropropane	7.01	77	131665	51.842	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	100313	51.670	ug/l	98
28) Bromochloromethane	7.36	49	77242	55.380	ug/l	99
29) Tetrahydrofuran	7.37	42	118776	267.458	ug/l	98
30) Chloroform	7.53	83	155589	53.518	ug/l	97
31) Cyclohexane	7.80	56	152704	46.025	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	130899	53.421	ug/l	99
36) 1,1-Dichloropropene	7.94	75	124072	50.029	ug/l	99
37) Ethyl Acetate	7.10	43	78029	54.135	ug/l	99
38) Carbon Tetrachloride	7.92	117	111141	52.460	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	156089	47.453	ug/l	98
40) Benzene	8.18	78	377562	51.364	ug/l	99
41) Methacrylonitrile	7.34	41	35918m	55.371	ug/l	
42) 1,2-Dichloroethane	8.25	62	103070	54.414	ug/l	99
43) Isopropyl Acetate	8.29	43	149067	54.624	ug/l	98
44) Trichloroethene	8.96	130	90527	50.567	ug/l	99
45) 1,2-Dichloropropane	9.23	63	98805	53.470	ug/l	98
46) Dibromomethane	9.32	93	50149	52.664	ug/l	98
47) Bromodichloromethane	9.51	83	120626	54.456	ug/l	98
48) Methyl methacrylate	9.31	41	66113	54.597	ug/l	96
49) 1,4-Dioxane	9.31	88	14017	1074.254	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	390757	277.998	ug/l	98
52) Toluene	10.25	92	231423	51.825	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	131636	54.546	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	154213	53.678	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	75650	54.284	ug/l	98
56) Ethyl methacrylate	10.52	69	110364	54.029	ug/l	95
57) 1,3-Dichloropropane	10.80	76	130891	52.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	178486	249.947	ug/l	99
59) 2-Hexanone	10.85	43	270701	269.822	ug/l	99
60) Dibromochloromethane	11.00	129	80653	54.923	ug/l	100
61) 1,2-Dibromoethane	11.10	107	69711	52.808	ug/l	99
64) Tetrachloroethene	10.73	164	74538	50.691	ug/l	98
65) Chlorobenzene	11.52	112	237977	50.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	81762	53.365	ug/l	99
67) Ethyl Benzene	11.60	91	441092	50.623	ug/l	97
68) m/p-Xylenes	11.71	106	326463	101.342	ug/l	99
69) o-Xylene	12.03	106	156353	51.495	ug/l	99
70) Styrene	12.05	104	276507	53.172	ug/l	99
71) Bromoform	12.22	173	46644	56.137	ug/l #	99
73) Isopropylbenzene	12.34	105	422974	49.905	ug/l	100
74) N-amyl acetate	12.15	43	138677	53.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	95200	52.087	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57567m	43.697	ug/l	
77) Bromobenzene	12.62	156	90339	50.309	ug/l	99
78) n-propylbenzene	12.68	91	519658	49.698	ug/l	100
79) 2-Chlorotoluene	12.77	91	285489	49.419	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	350833	50.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	33517	51.391	ug/l	96
82) 4-Chlorotoluene	12.86	91	302590	50.307	ug/l	100
83) tert-Butylbenzene	13.08	119	290451	50.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	352747	50.942	ug/l	100
85) sec-Butylbenzene	13.26	105	424940	49.746	ug/l	100
86) p-Isopropyltoluene	13.38	119	366008	49.670	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	174843	49.688	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	175284	49.102	ug/l	99
89) n-Butylbenzene	13.70	91	377027	49.317	ug/l	99
90) Hexachloroethane	13.97	117	69323	49.868	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	161193	50.423	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14858	52.096	ug/l	96

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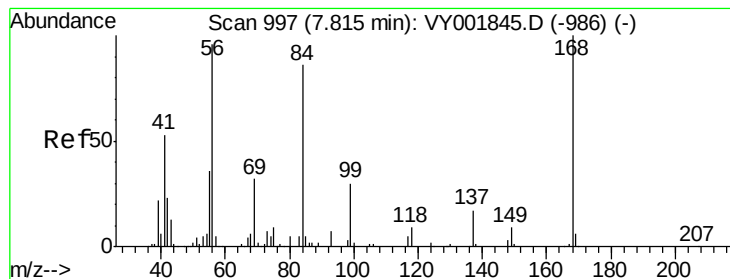
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100760	48.602	ug/l	97
94) Hexachlorobutadiene	15.12	225	48936	48.415	ug/l	99
95) Naphthalene	15.24	128	248233	50.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	90240	49.410	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 141428

Ion Ratio Lower Upper

168 100

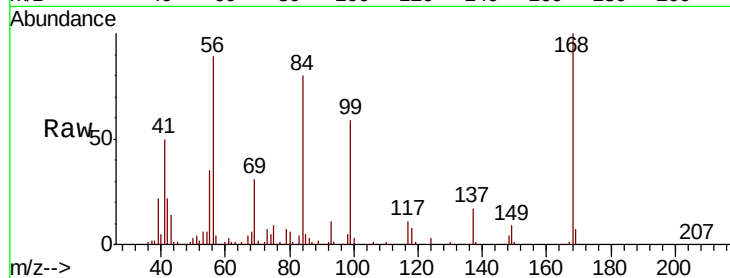
99 59.3 46.7 70.1

Manual Integrations

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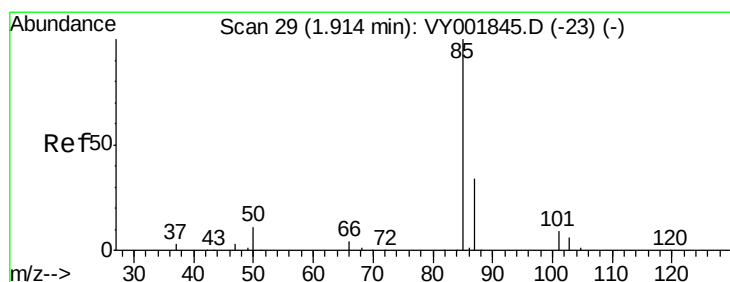
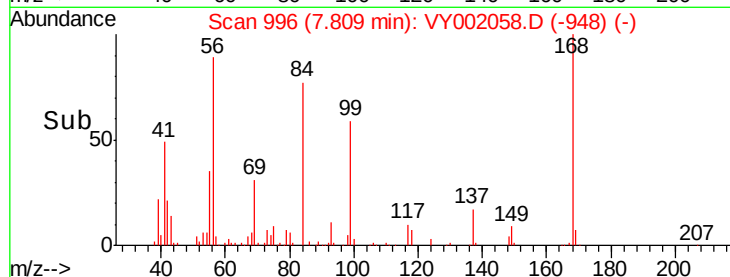
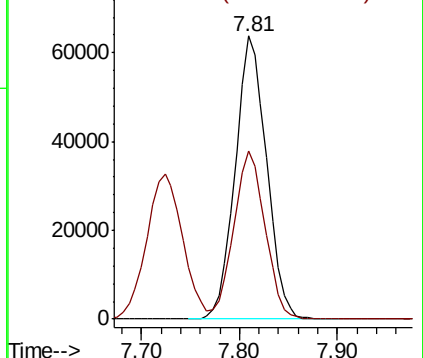
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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

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



#2

Dichlorodifluoromethane

Concen: 42.526 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002058.D

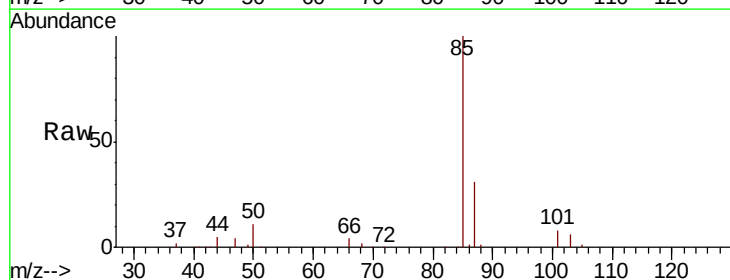
Acq: 24 Mar 2020 18:02

Tgt Ion: 85 Resp: 55517

Ion Ratio Lower Upper

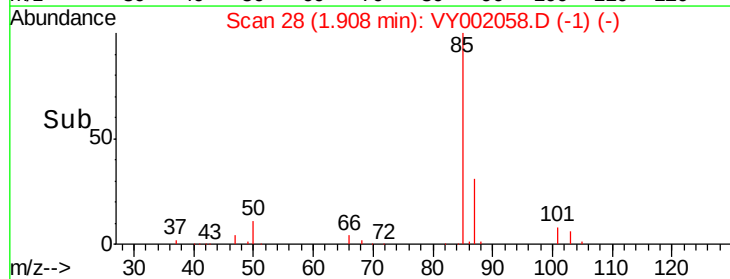
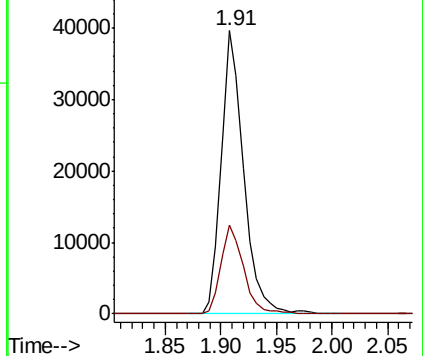
85 100

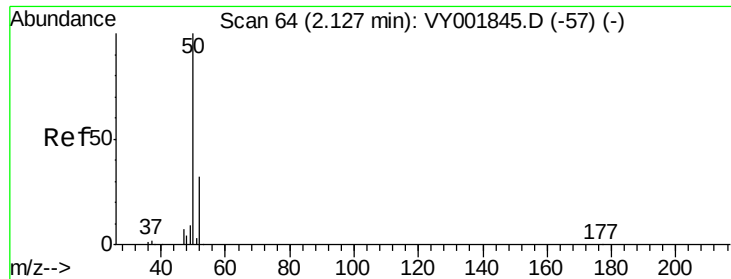
87 31.5 16.8 50.4



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

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





#3

Chloromethane

Concen: 44.982 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 79172

Ion Ratio Lower Upper

50 100

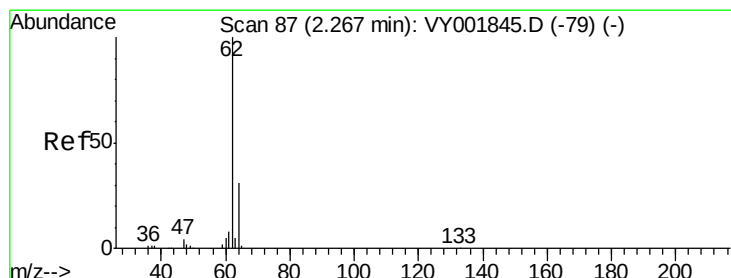
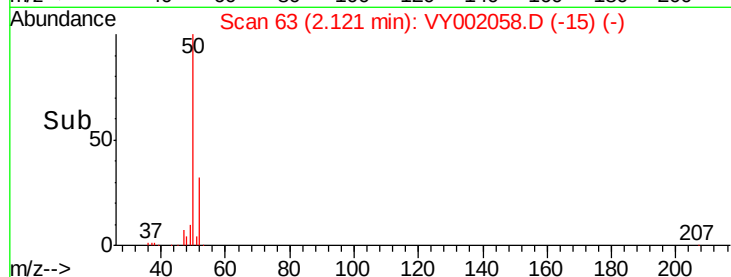
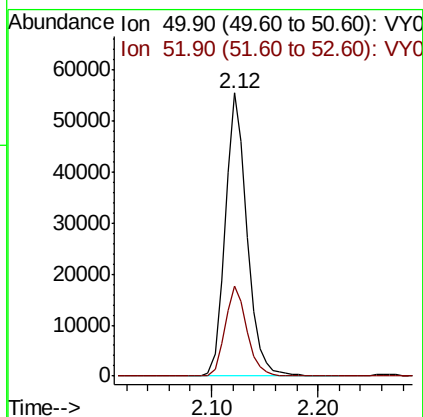
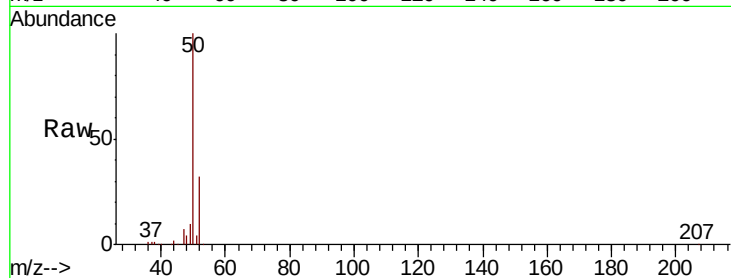
52 31.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.760 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002058.D

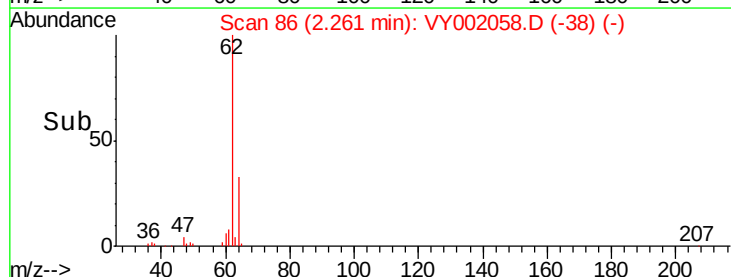
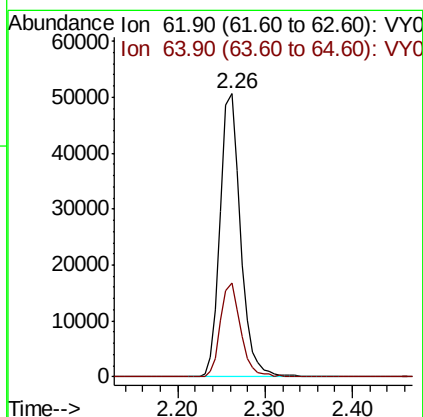
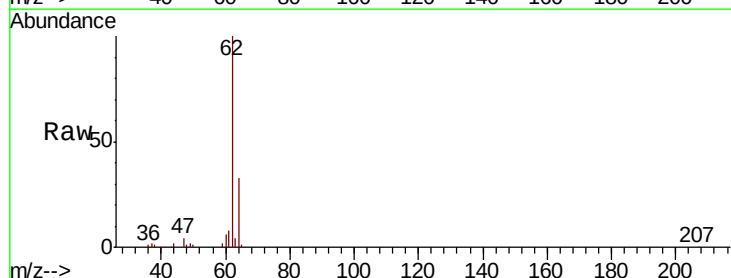
Acq: 24 Mar 2020 18:02

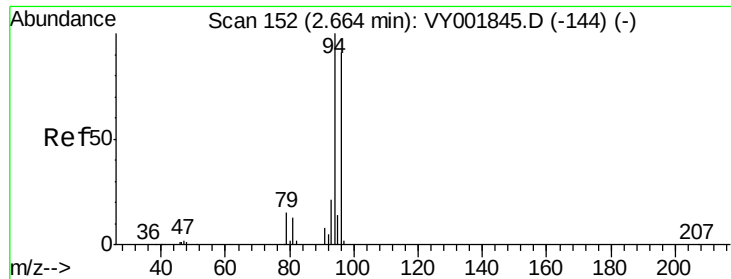
Tgt Ion: 62 Resp: 81925

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 54.925 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56830

Ion Ratio Lower Upper

94 100

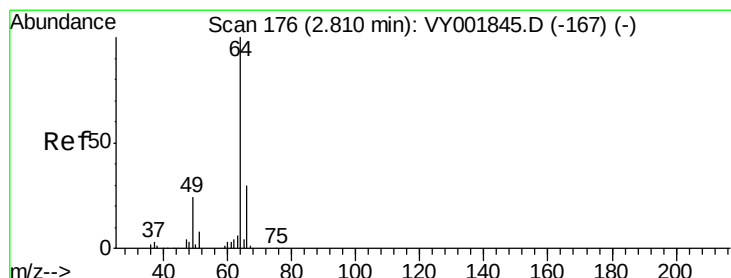
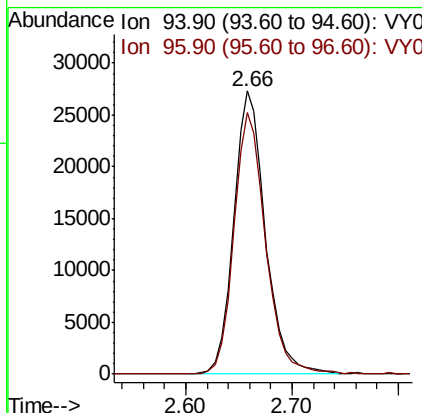
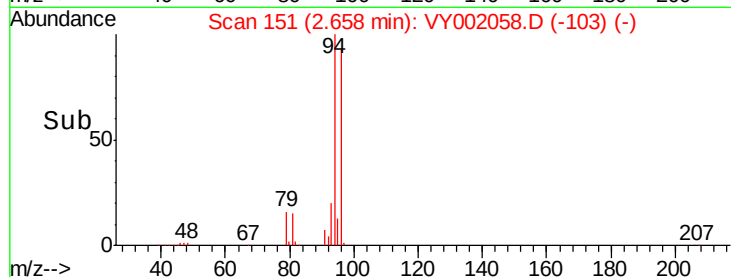
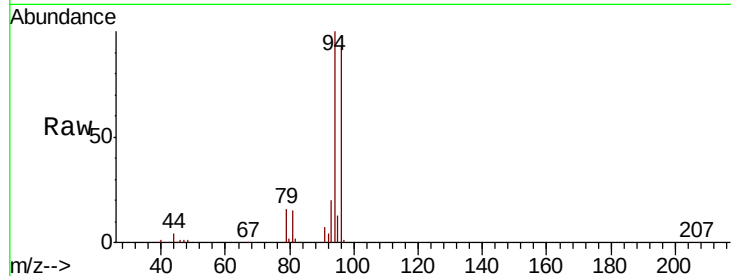
96 92.6 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 49.275 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002058.D

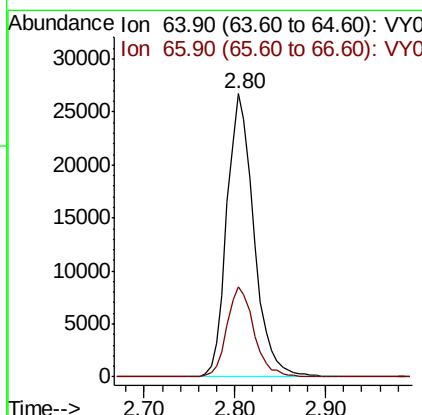
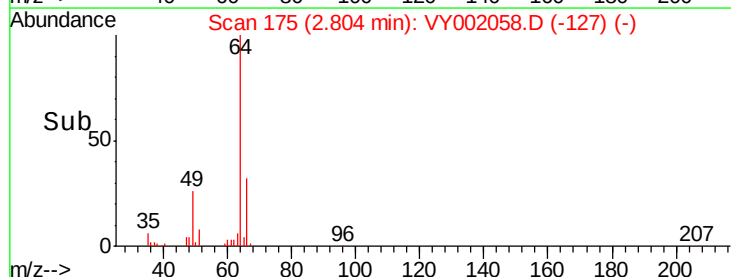
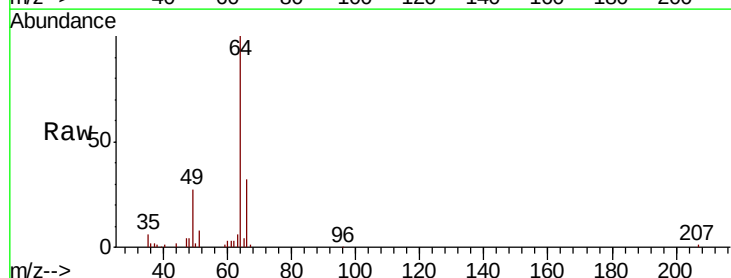
Acq: 24 Mar 2020 18:02

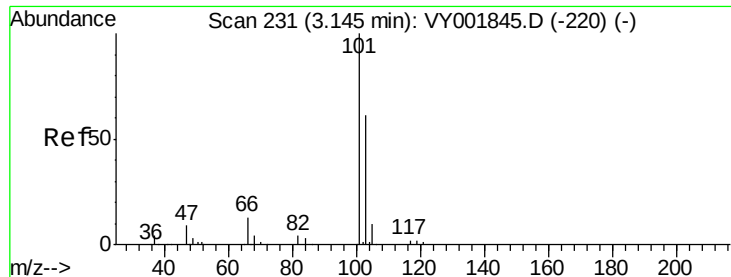
Tgt Ion: 64 Resp: 55416

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.8





#7

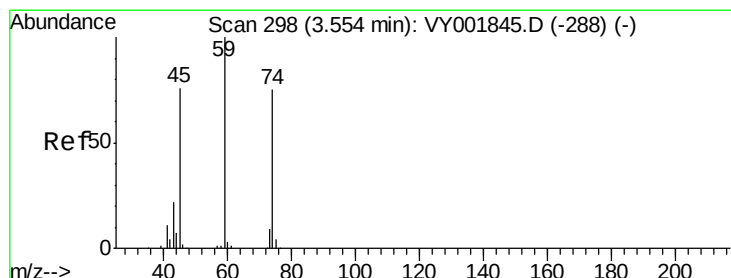
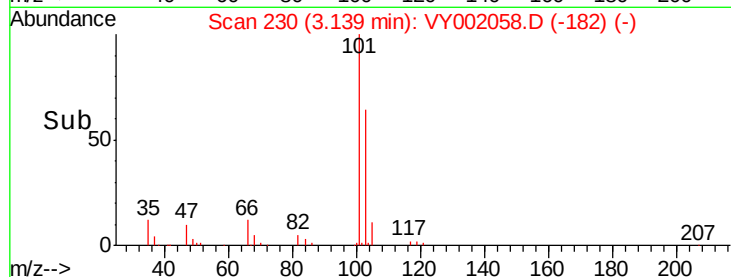
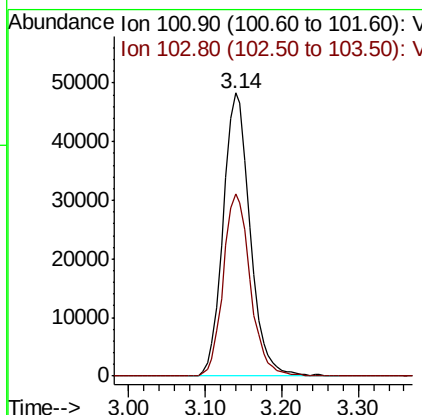
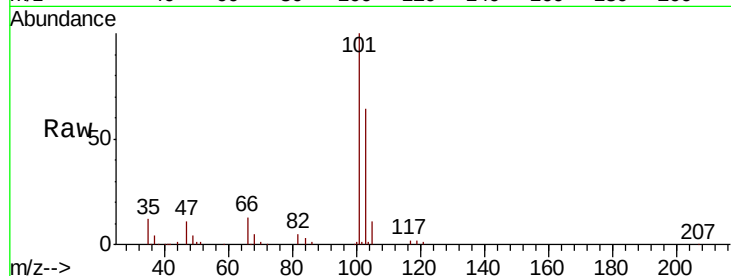
Trichlorofluoromethane
Concen: 48.489 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	49.1	73.7

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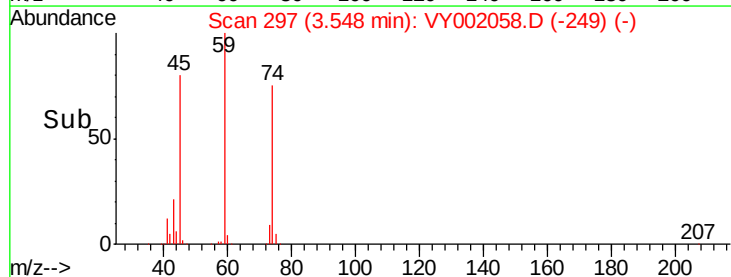
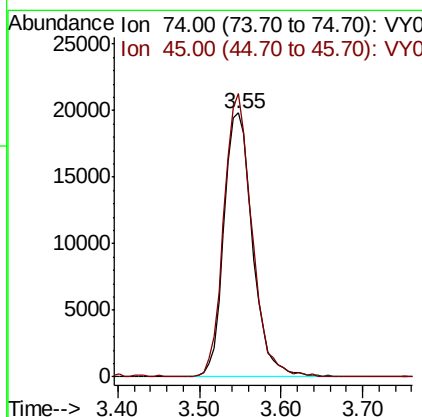
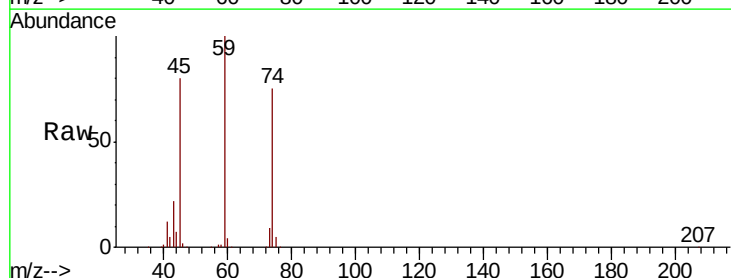
apatel
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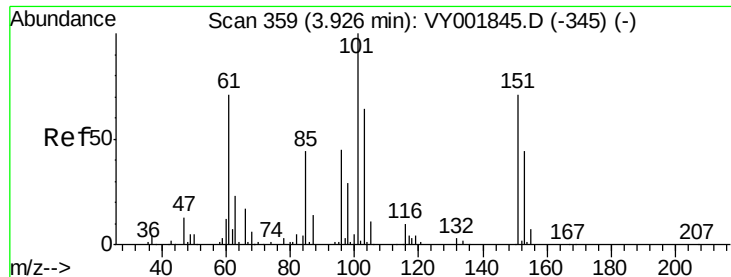


#8

Diethyl Ether
Concen: 50.525 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.923 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

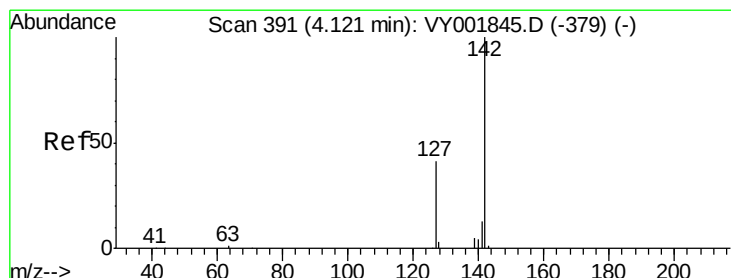
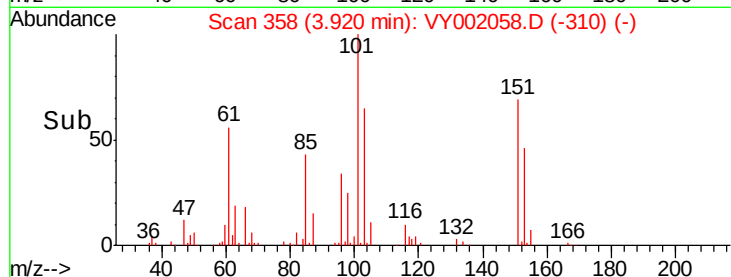
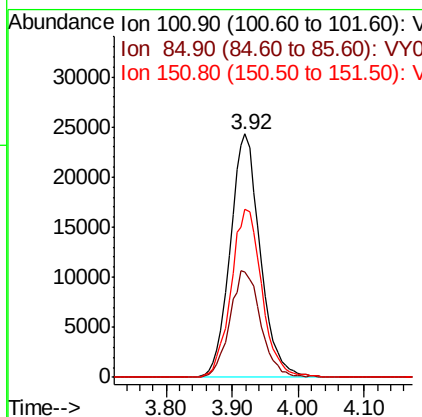
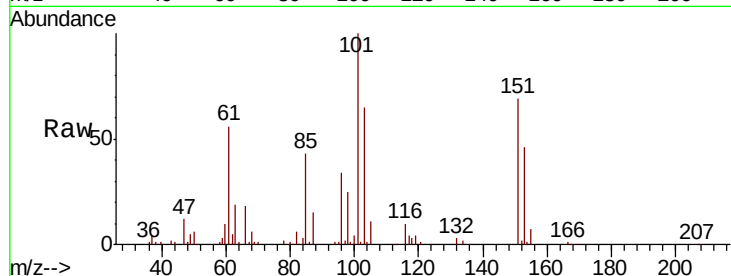
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	76402
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.3	52.9
151	71.0	57.0	85.4

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#10

Methyl Iodide

Concen: 46.859 ug/l

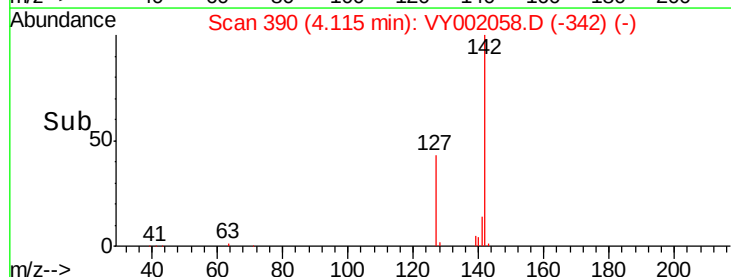
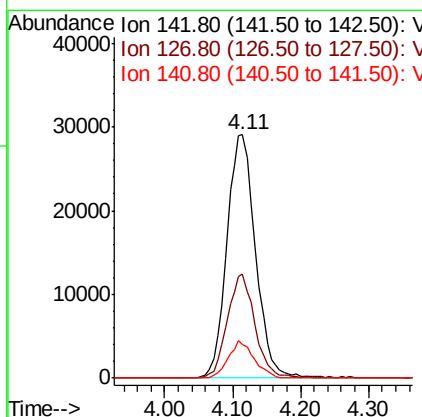
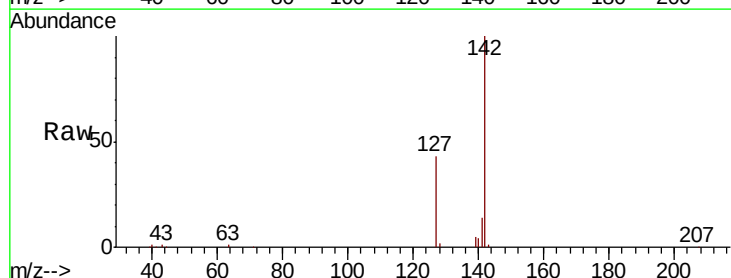
RT: 4.11 min Scan# 390

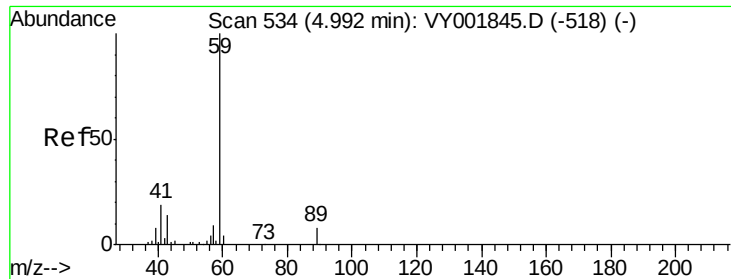
Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	142	Resp:	84626
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.7	49.1
141	13.9	11.0	16.6





#11

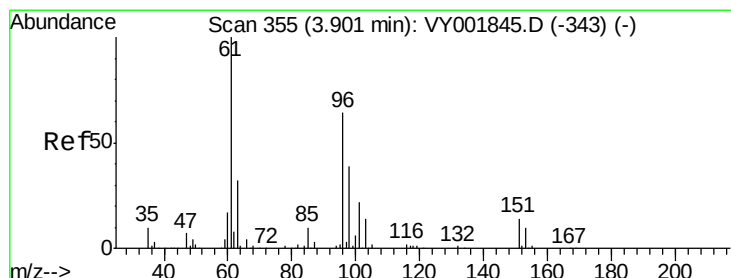
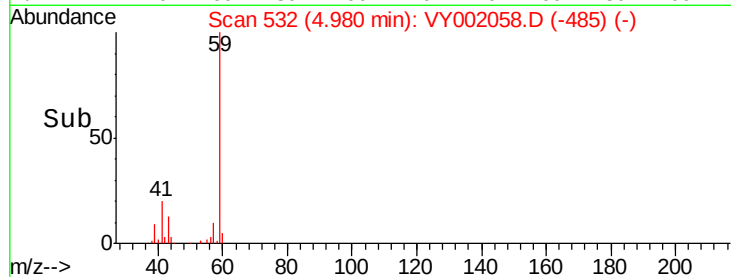
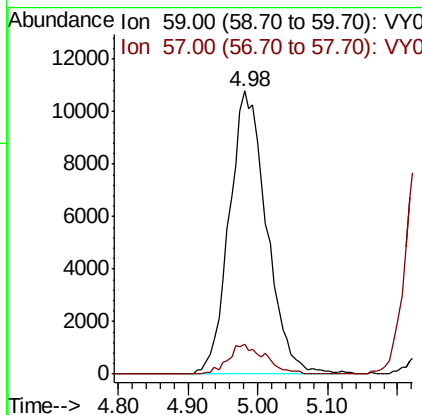
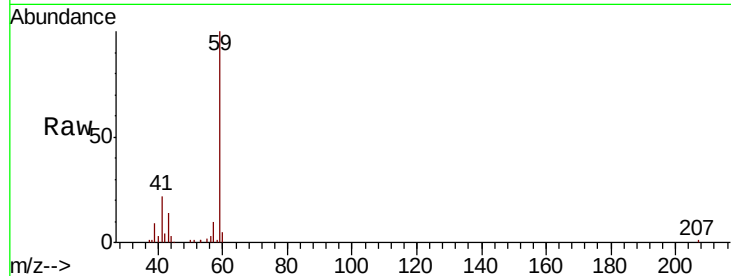
Tert butyl alcohol
 Concen: 254.833 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	39971
Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.4	11.2

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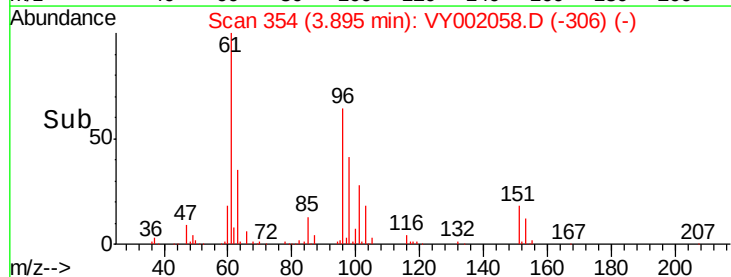
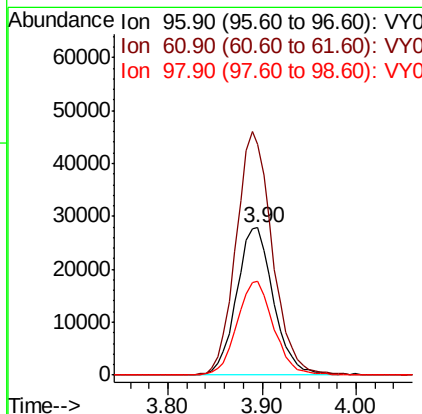
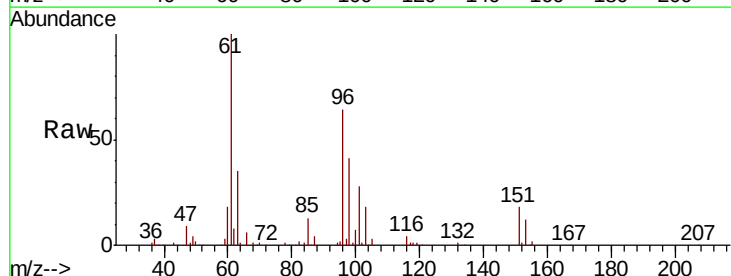
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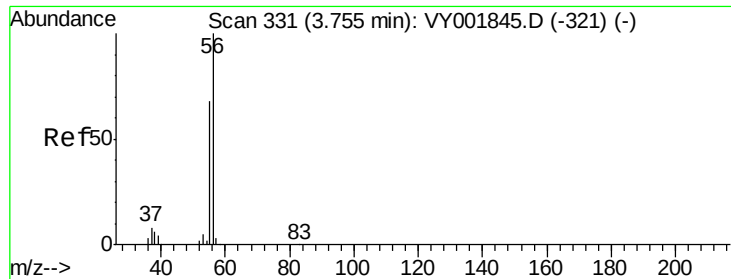


#12

1,1-Dichloroethene
 Concen: 48.537 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	96	Resp	76321
Ion	Ratio	Lower	Upper
96	100		
61	156.5	124.8	187.2
98	64.0	49.2	73.8





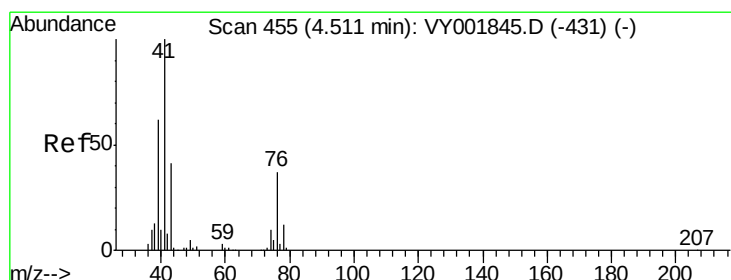
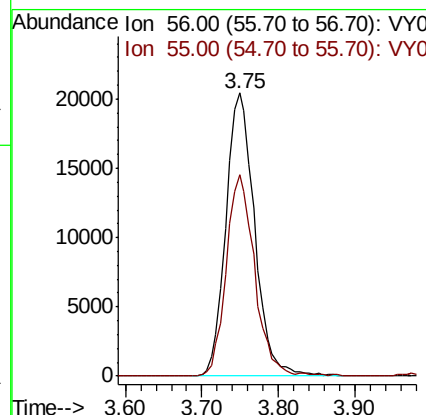
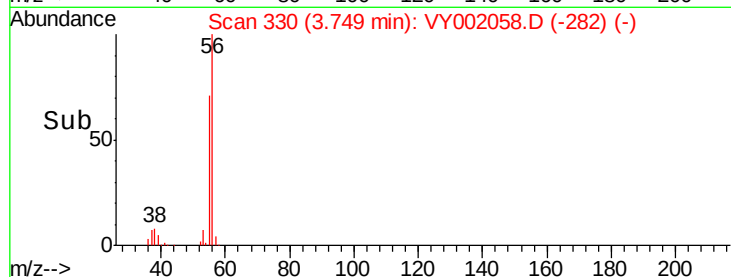
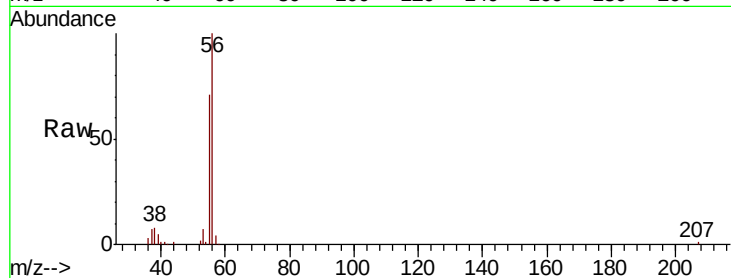
#13
Acrolein
Concen: 249.915 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	53024
Ion Ratio	100	Lower	Upper
56	100		
55	69.6	54.0	81.0

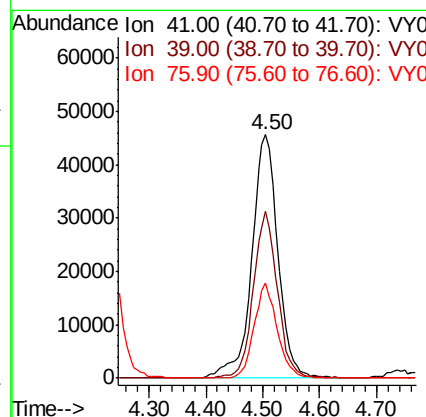
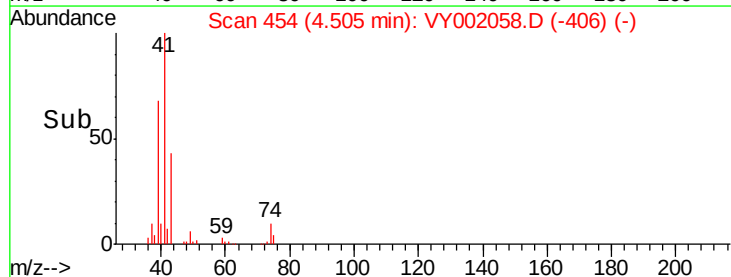
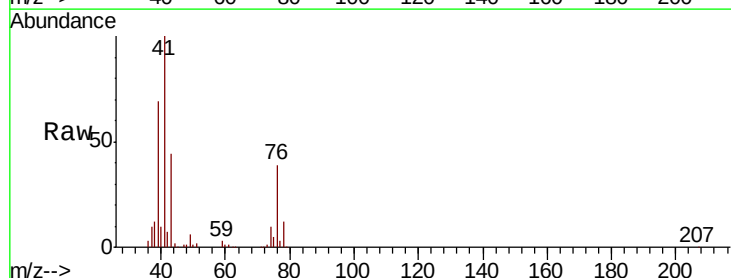
Manual Integrations
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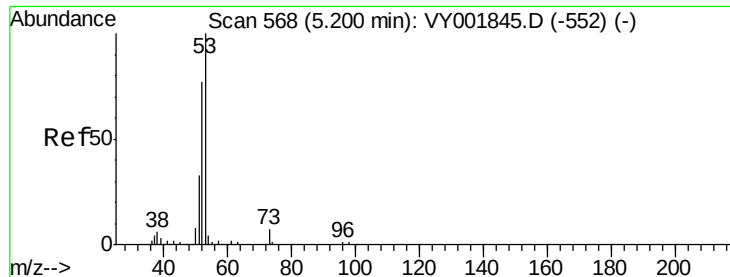
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#14
Allyl chloride
Concen: 52.137 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	41	Resp	145338
Ion Ratio	100	Lower	Upper
41	100		
39	63.2	49.0	73.6
76	34.4	28.9	43.3





#15

Acrylonitrile

Concen: 266.156 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

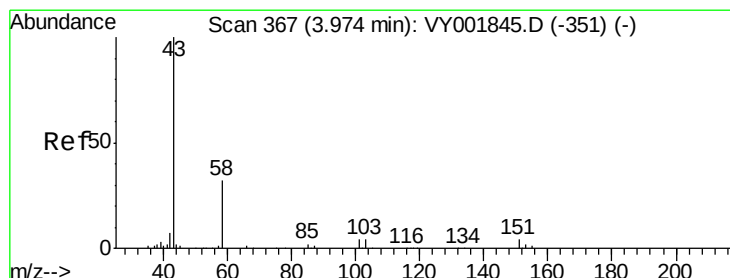
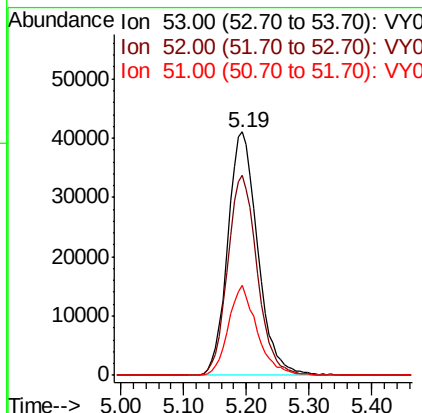
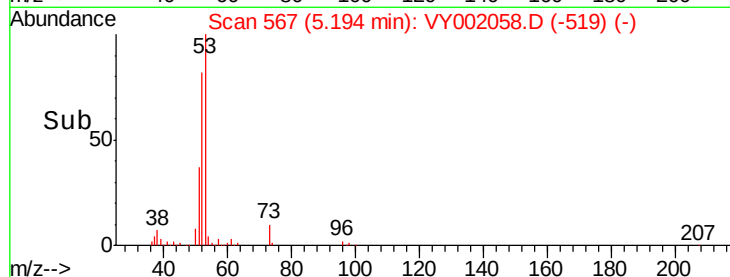
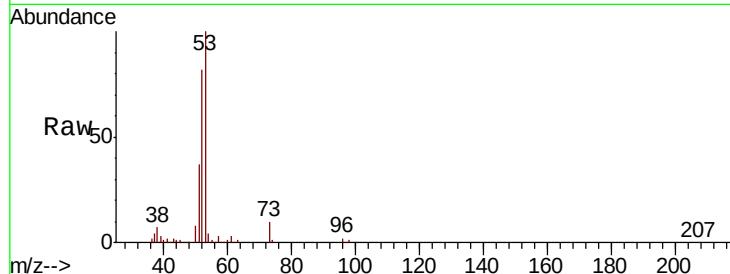
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	136102
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.1	97.7
51	35.3	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 232.611 ug/l

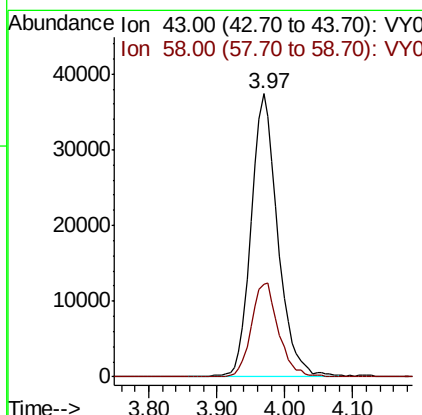
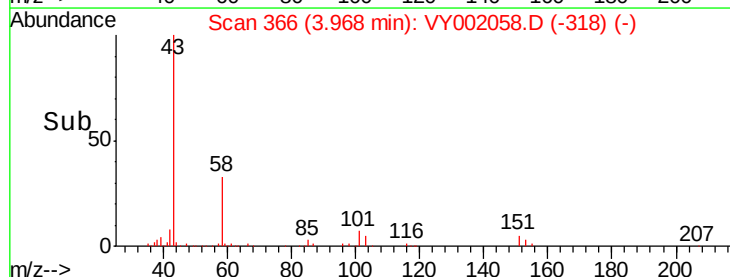
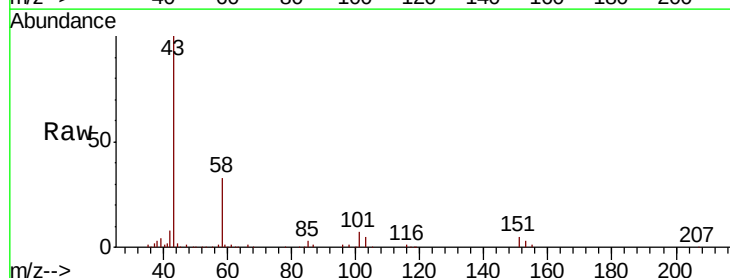
RT: 3.97 min Scan# 366

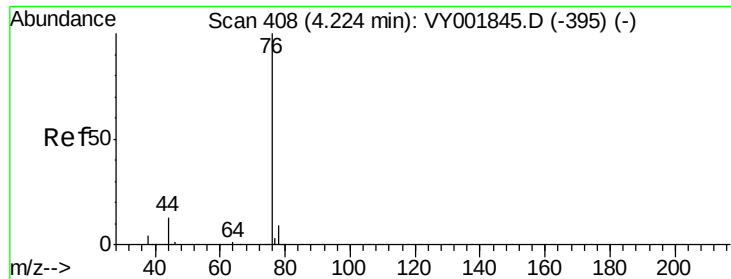
Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	43	Resp:	102292
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.9	38.9





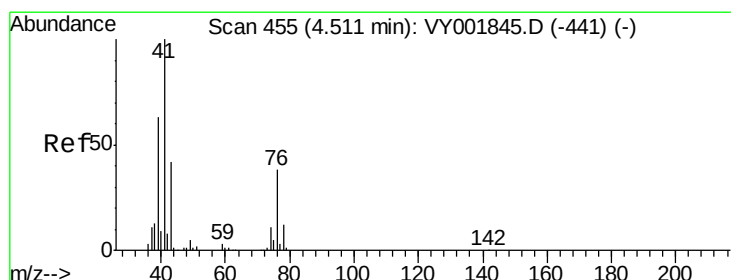
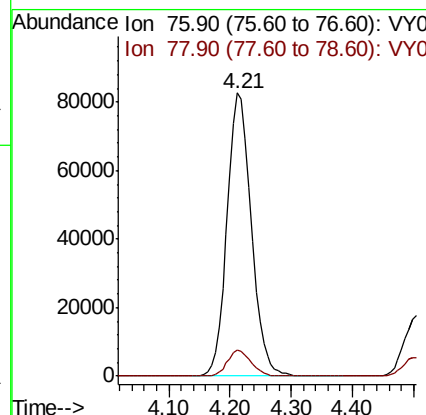
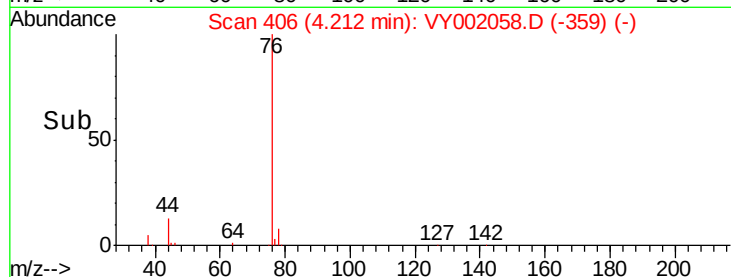
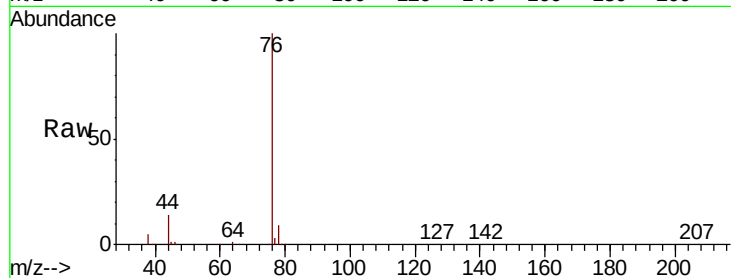
#17
Carbon Disulfide
Concen: 42.878 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

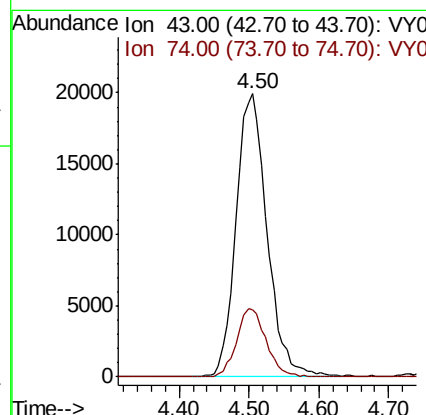
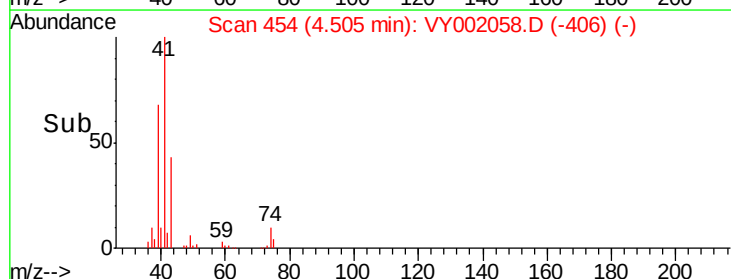
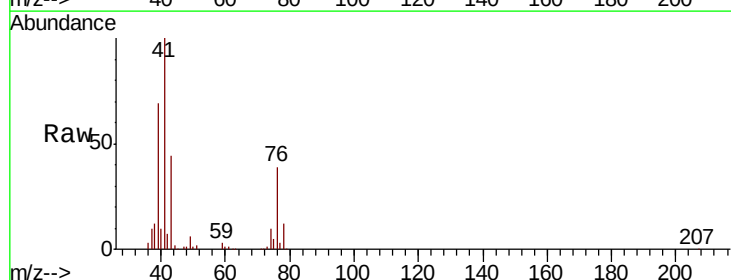
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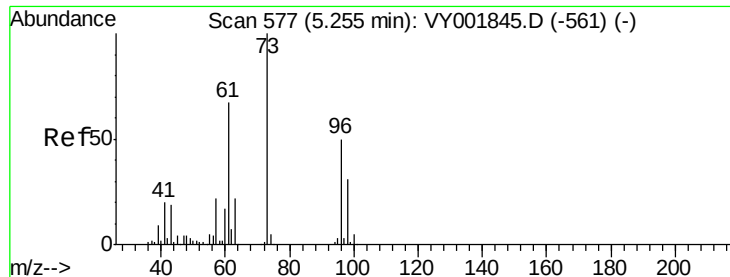
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#18
Methyl Acetate
Concen: 54.352 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.0	28.6





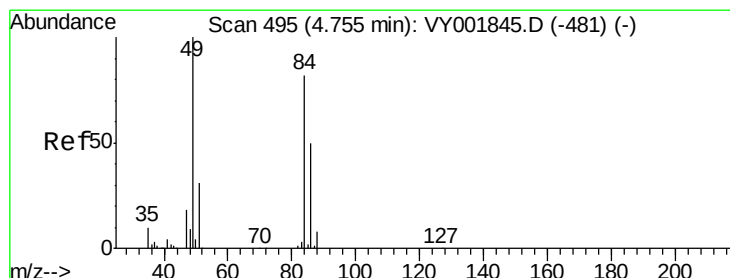
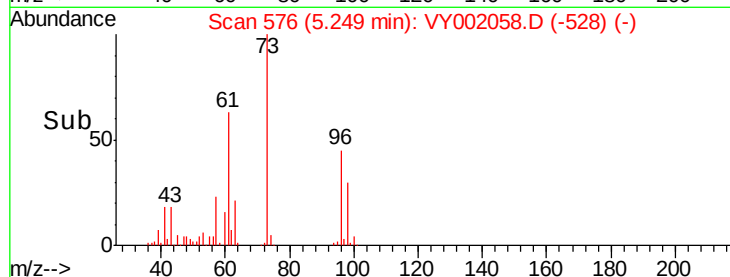
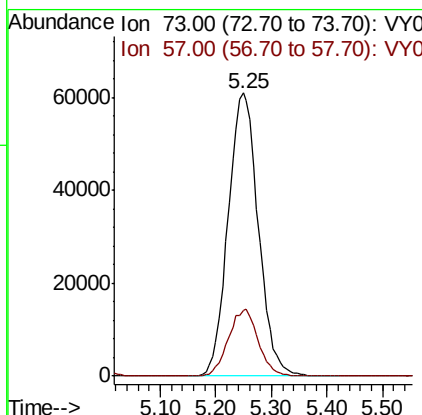
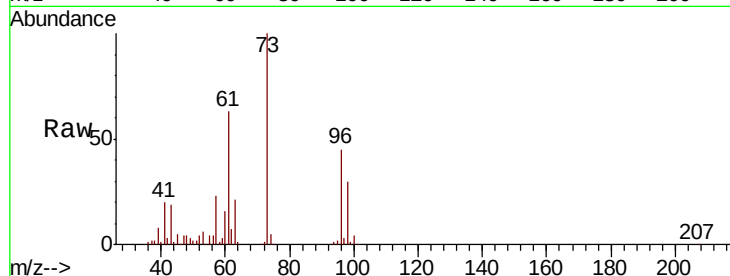
#19
Methyl tert-butyl Ether
Concen: 53.588 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 228346
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.2

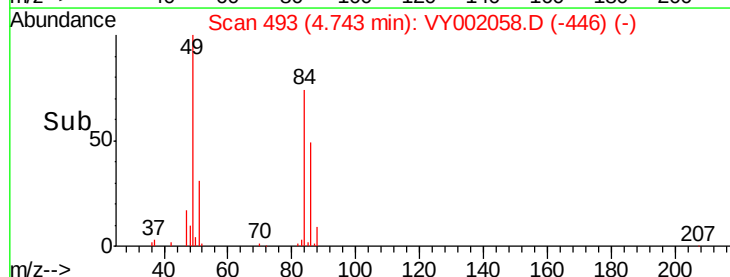
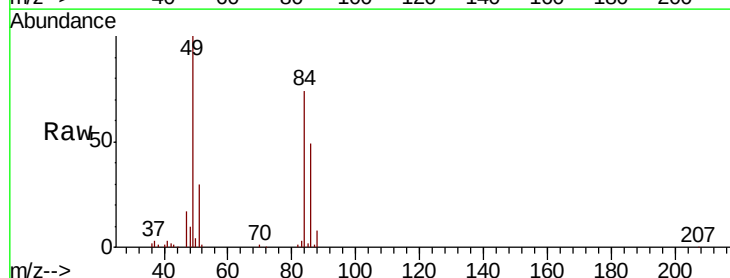
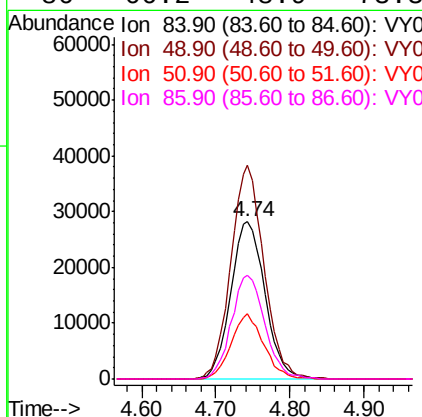
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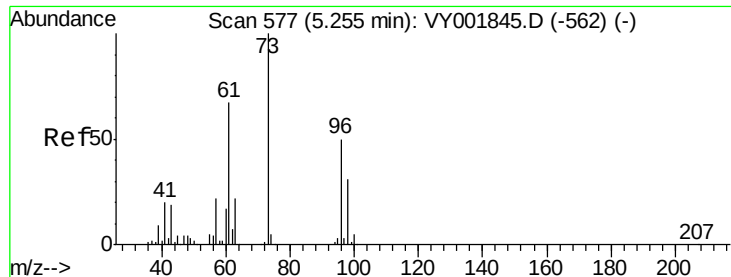
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#20
Methylene Chloride
Concen: 48.201 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 84 Resp: 90845
Ion Ratio Lower Upper
84 100
49 136.0 98.2 147.2
51 41.4 30.2 45.2
86 66.2 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 48.796 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 87088

Ion Ratio Lower Upper

96 100

61 135.3 107.7 161.5

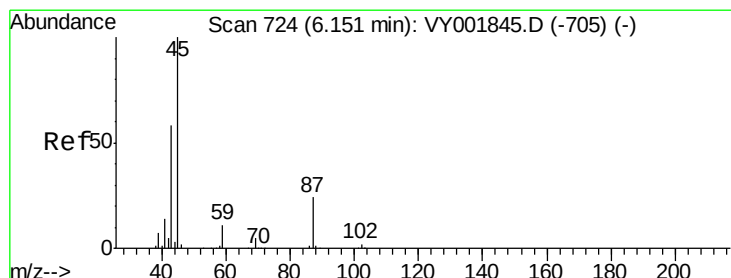
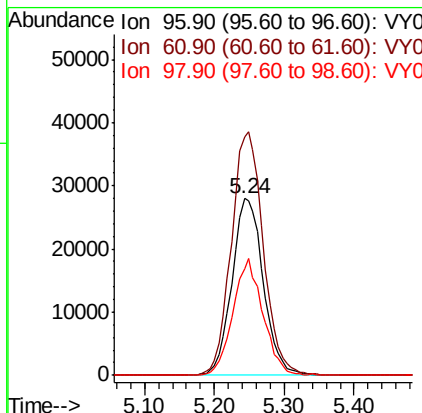
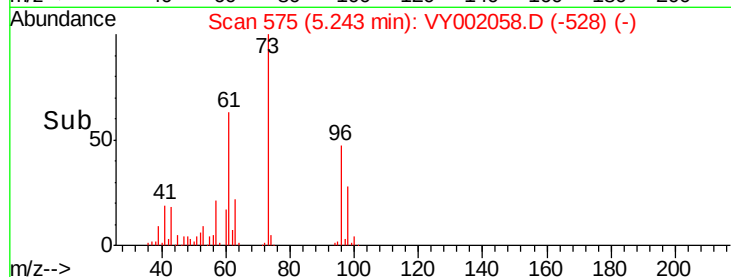
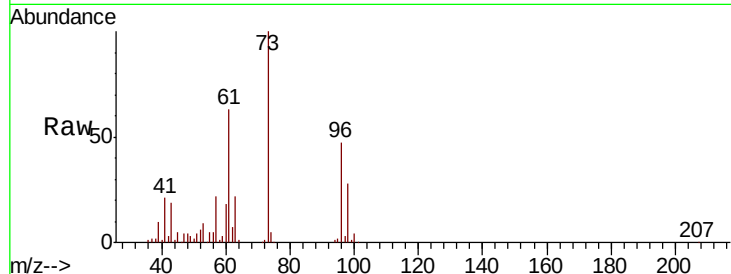
98 60.5 49.3 73.9

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#22

Diisopropyl ether

Concen: 54.461 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion: 45 Resp: 311194

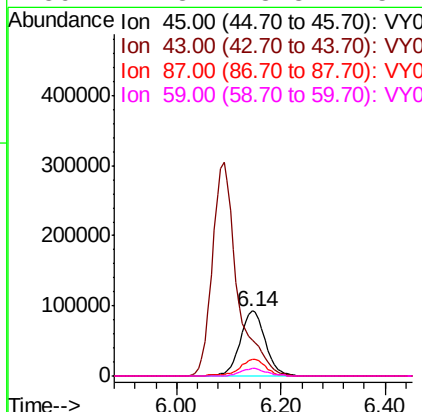
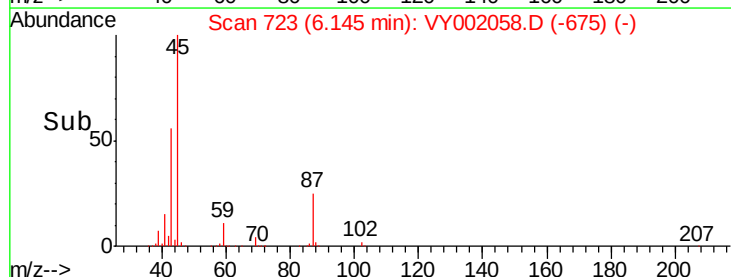
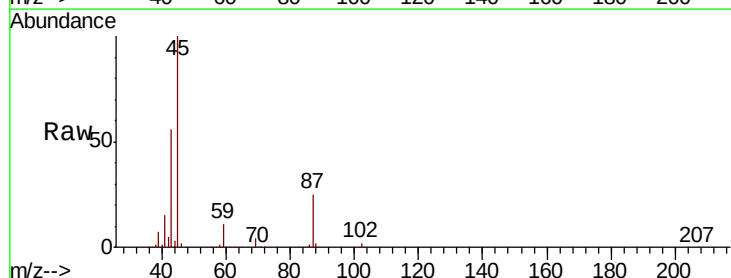
Ion Ratio Lower Upper

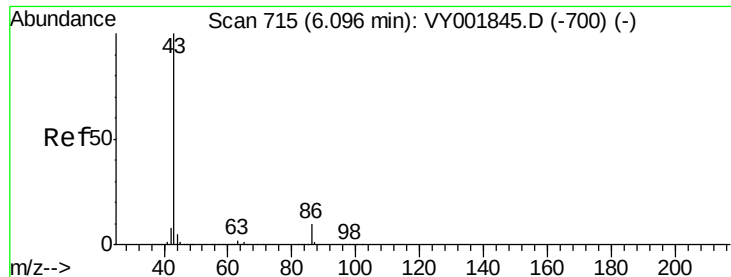
45 100

43 55.3 47.2 70.8

87 25.3 19.8 29.8

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 271.584 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1017348

Ion Ratio Lower Upper

43 100

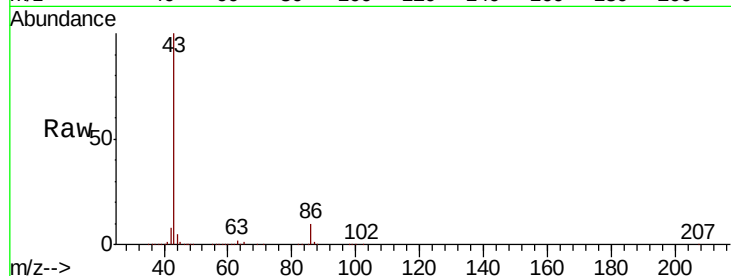
86 10.1 7.8 11.8

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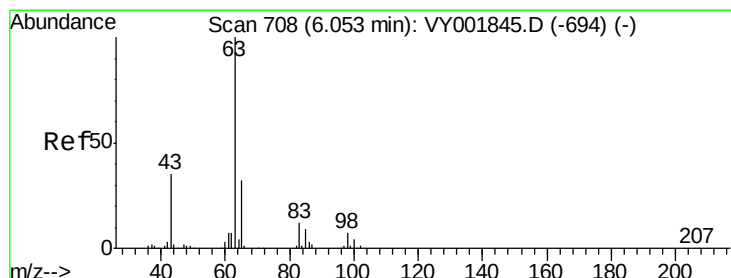
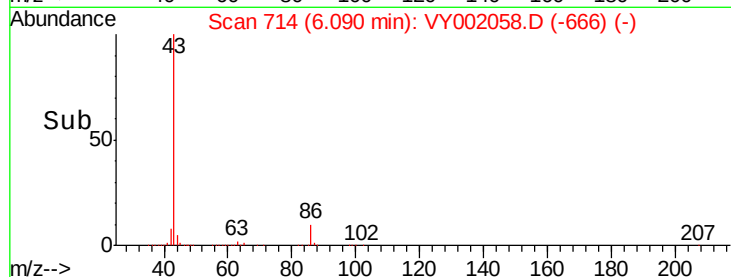
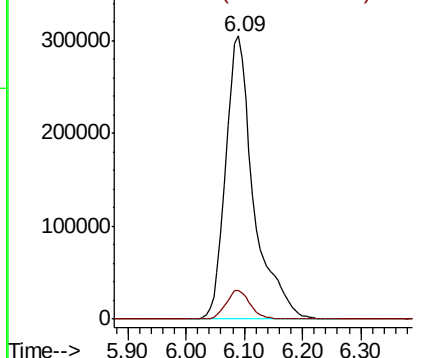
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.179 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

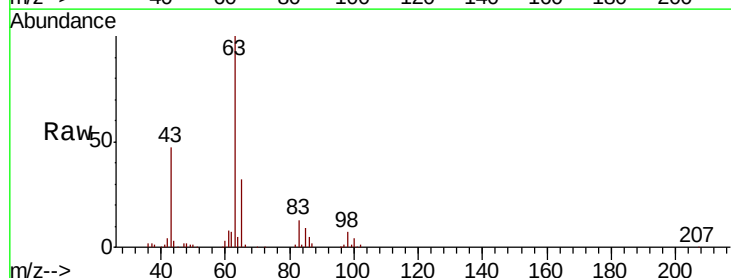
Tgt Ion: 63 Resp: 161462

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

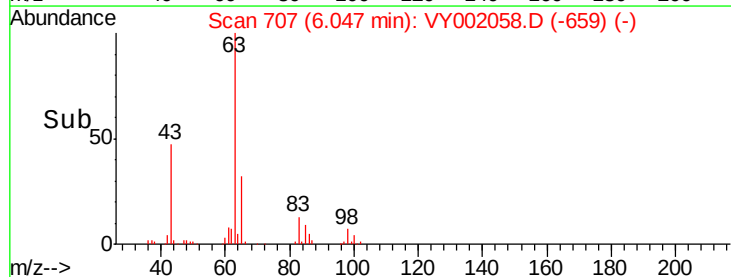
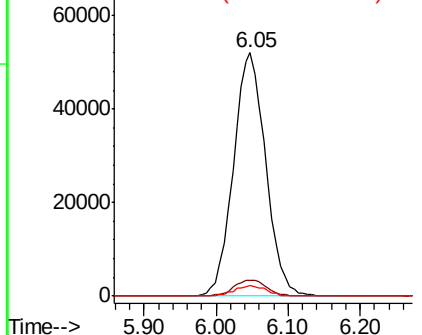
100 4.3 2.0 6.0

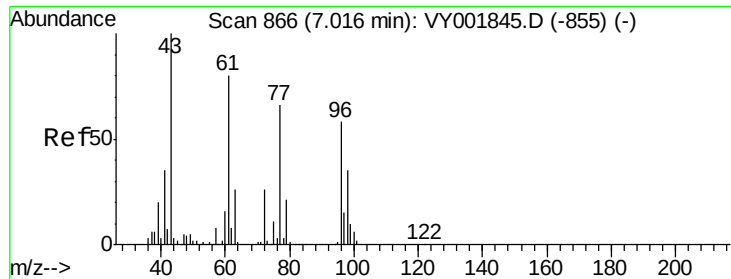


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





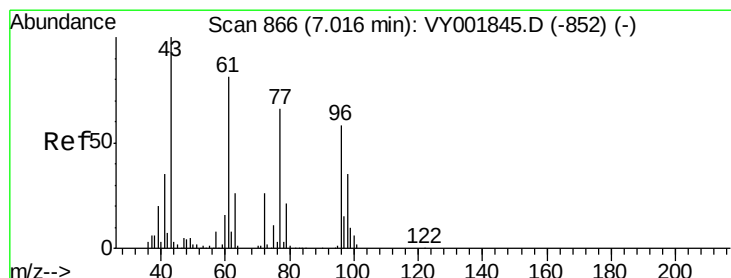
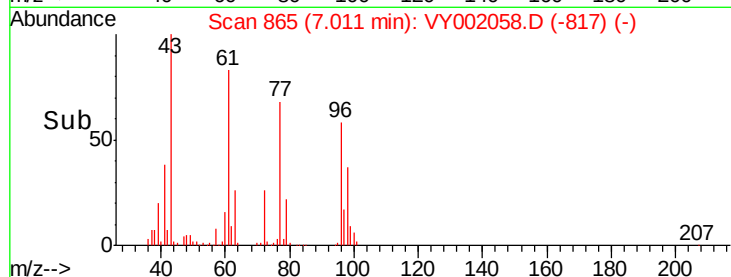
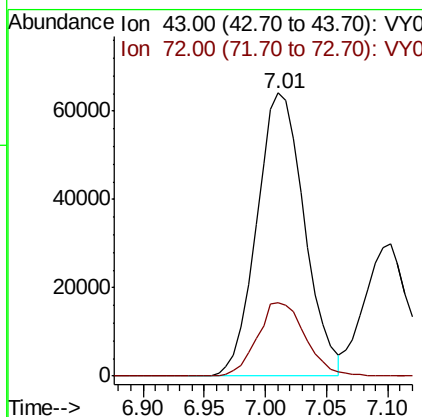
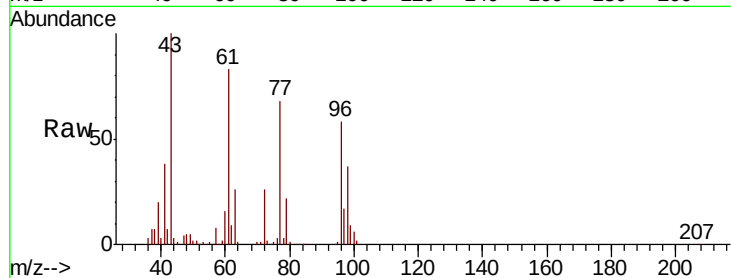
#25
2-Butanone
Concen: 259.884 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 173797
Ion Ratio Lower Upper
43 100
72 25.9 20.9 31.3

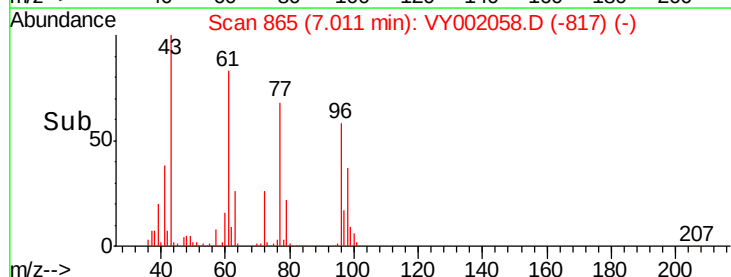
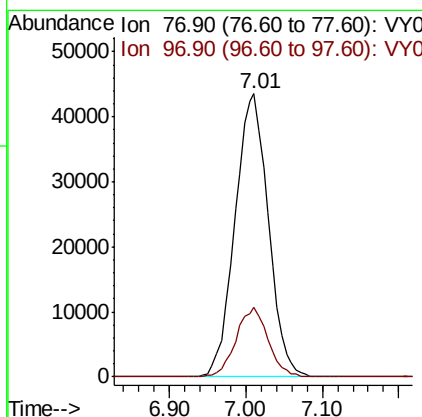
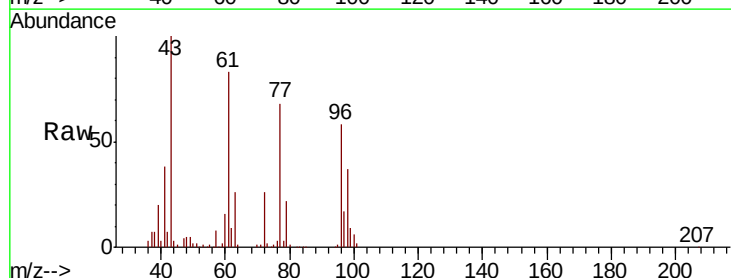
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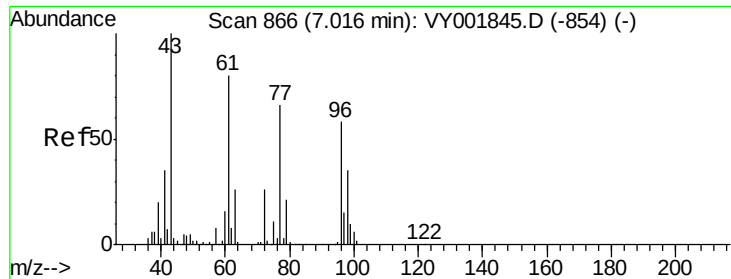
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#26
2,2-Dichloropropane
Concen: 51.842 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 77 Resp: 131665
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.7





#27

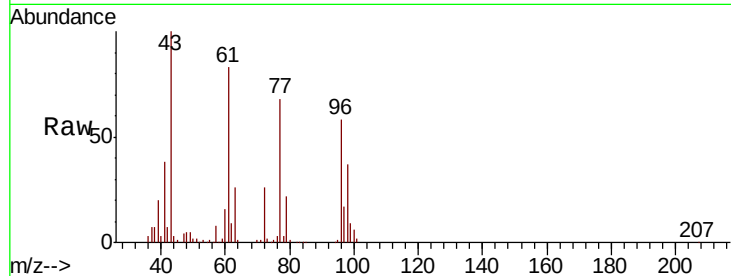
cis-1,2-Dichloroethene
Concen: 51.670 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

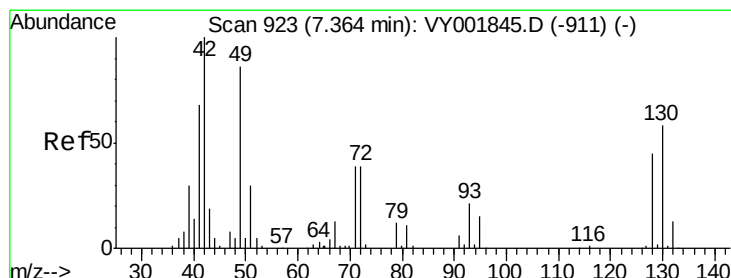
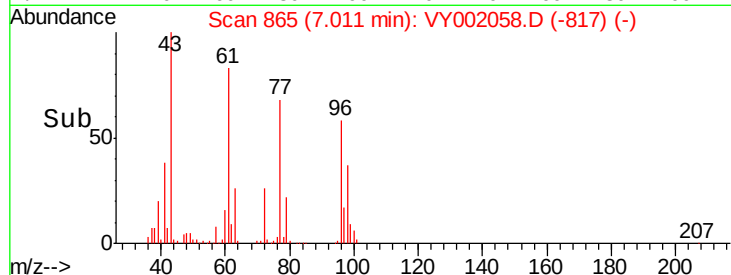
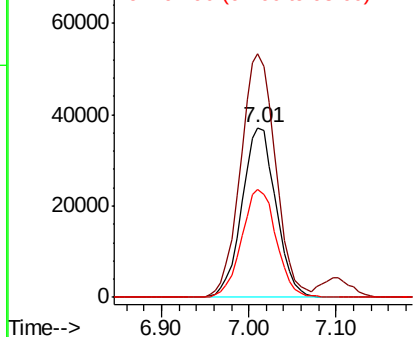
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.6	0.0	288.2	
98	64.6	0.0	129.0	

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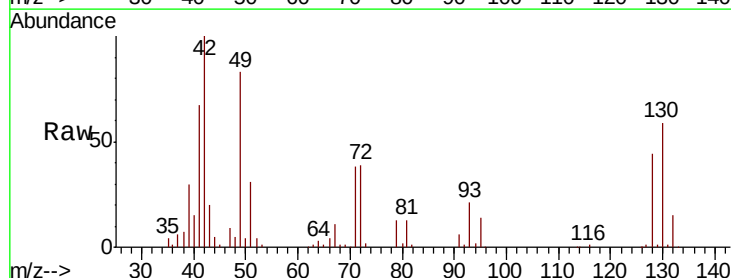
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



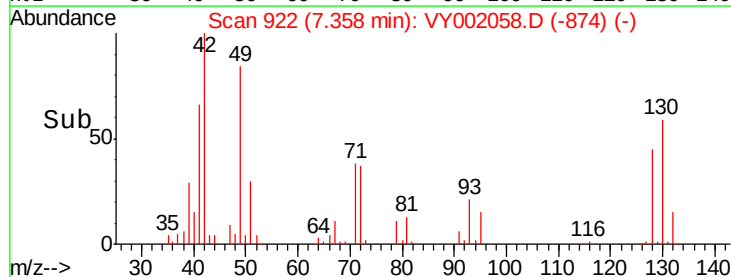
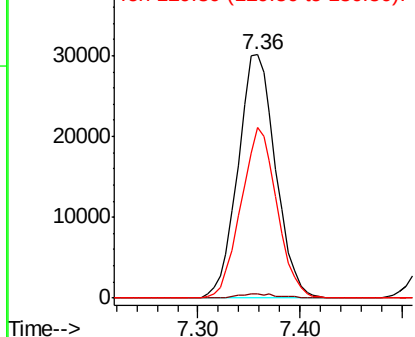
#28

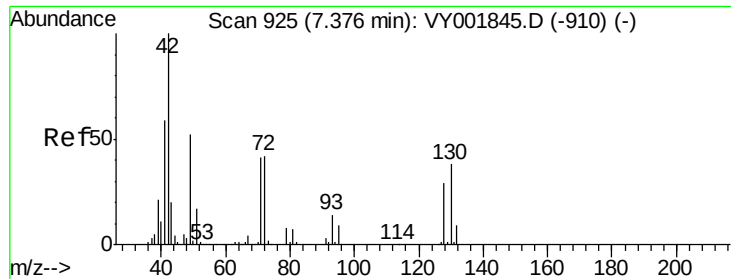
Bromochloromethane
Concen: 55.380 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	67.1	54.4	81.6	



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





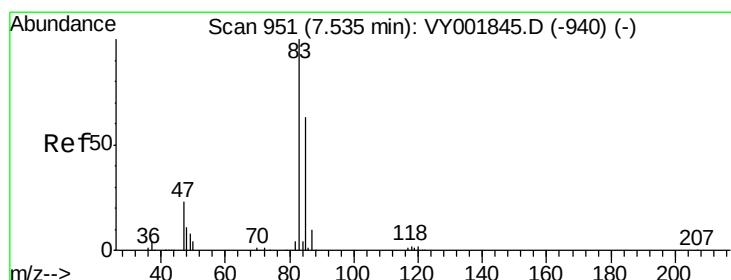
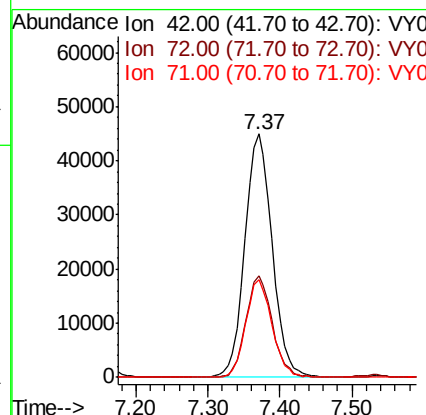
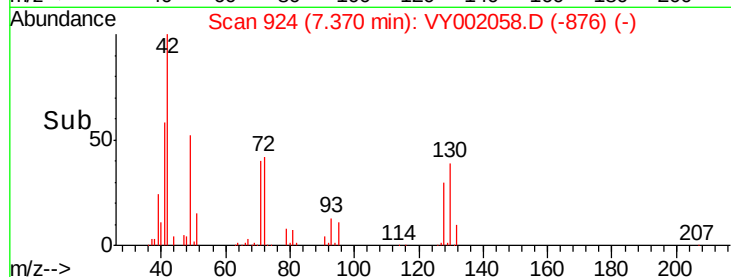
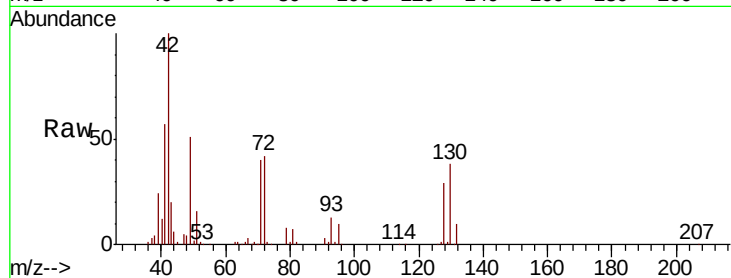
#29
Tetrahydrofuran
Concen: 267.458 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.5	50.3
71	38.3	31.3	46.9

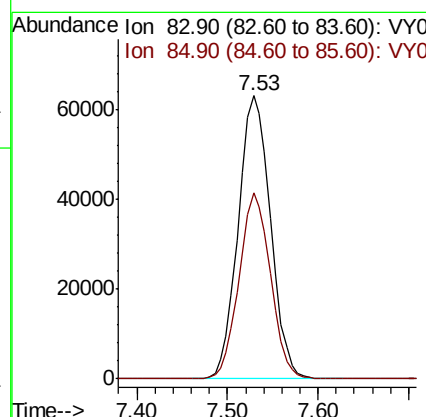
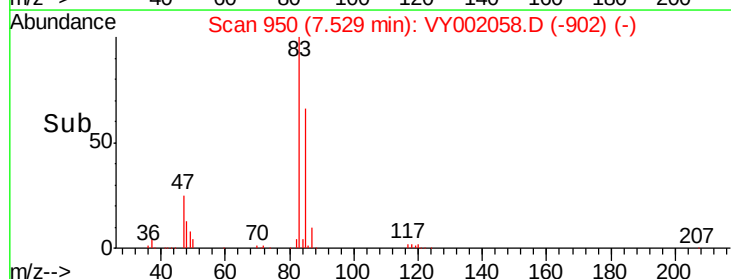
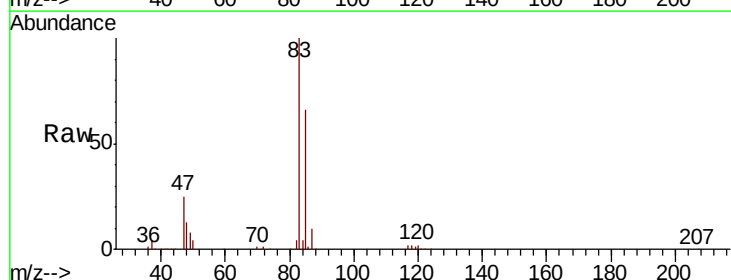
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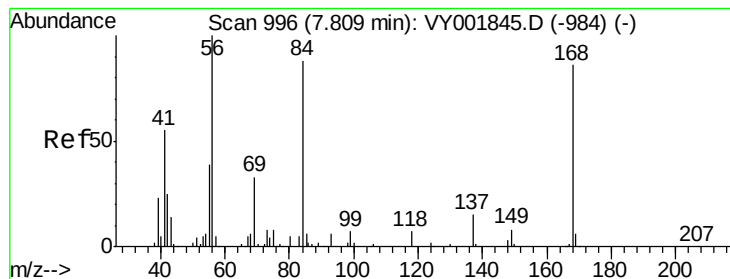
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#30
Chloroform
Concen: 53.518 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1





#31

Cyclohexane

Concen: 46.025 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

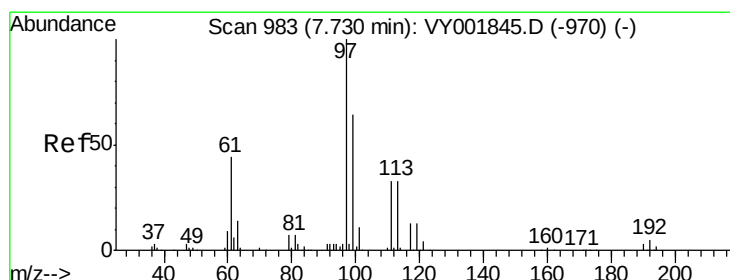
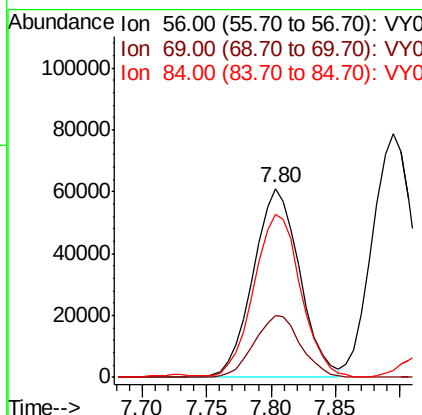
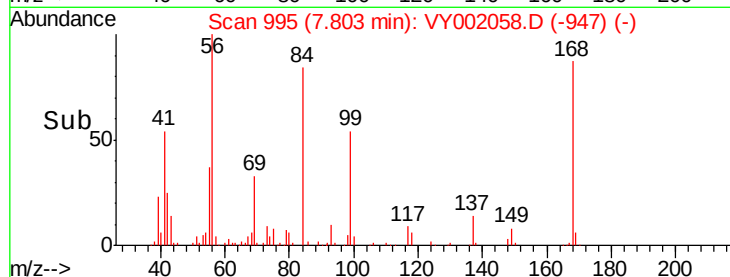
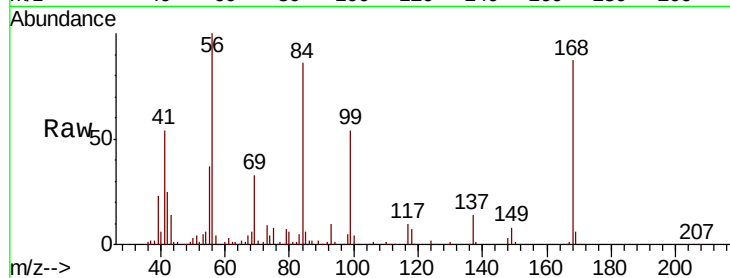
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	152704
Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.7	40.1
84	85.3	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.421 ug/l

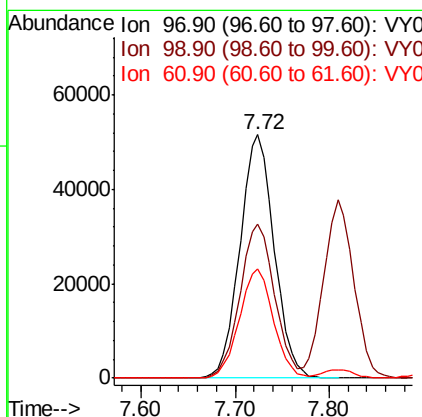
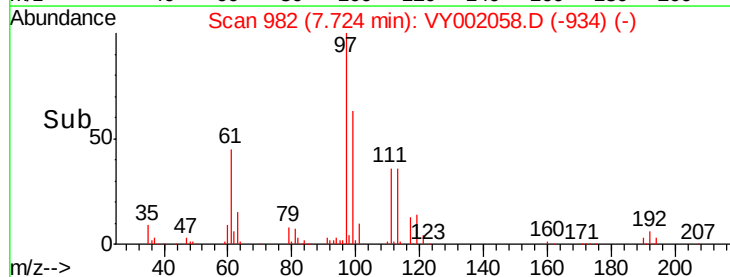
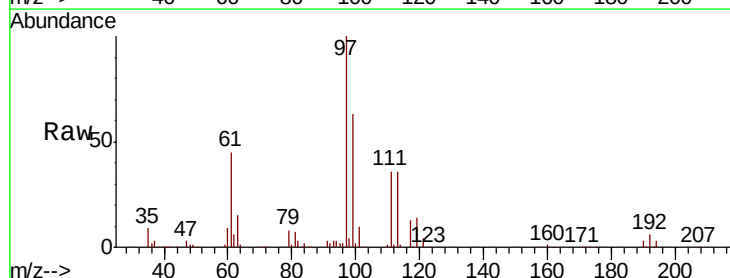
RT: 7.72 min Scan# 982

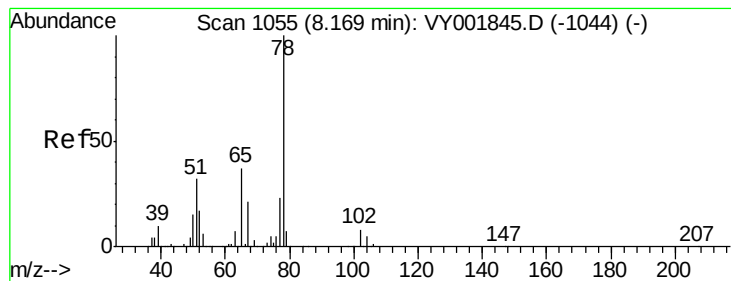
Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	97	Resp:	130899
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	44.7	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 51.651 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 77984

Ion Ratio Lower Upper

65 100

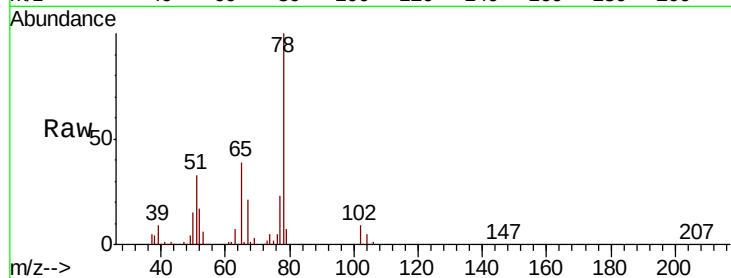
67 55.2 0.0 110.8

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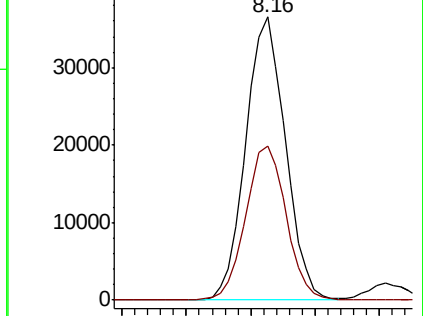
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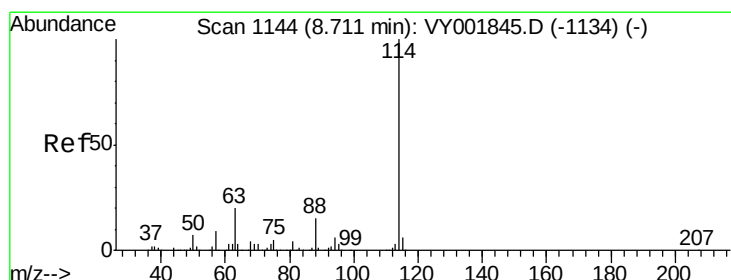
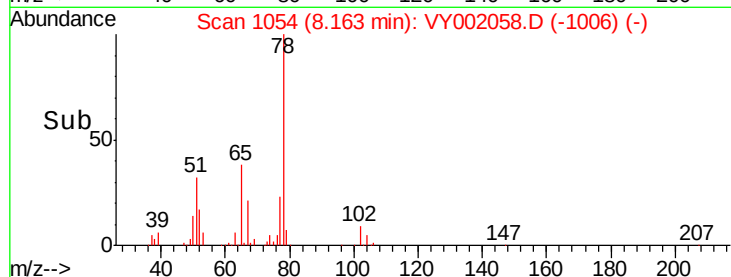


Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

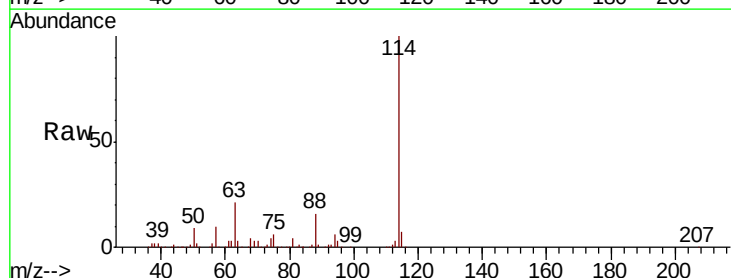
Tgt Ion: 114 Resp: 257717

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

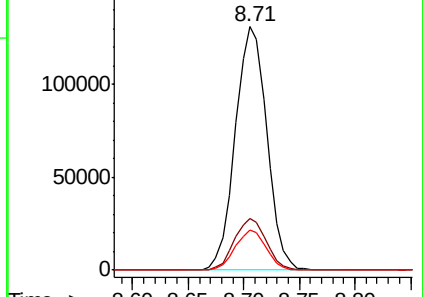
88 16.4 0.0 30.4



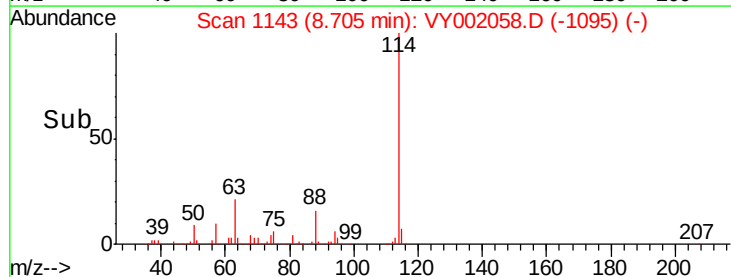
Abundance Ion 113.90 (113.60 to 114.60): V

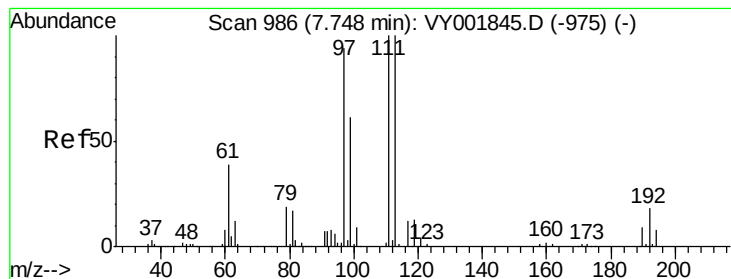
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time--> 8.60 8.65 8.70 8.75 8.80





#35

Dibromofluoromethane

Concen: 52.764 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 74252

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

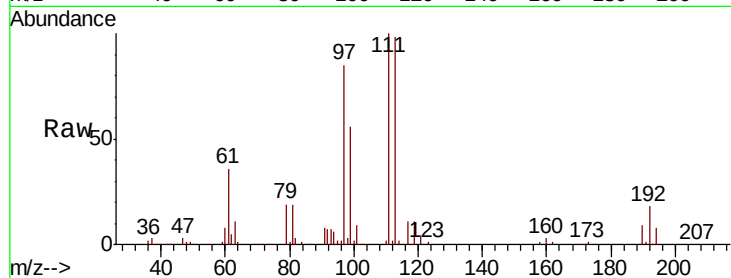
192 17.5 14.2 21.2

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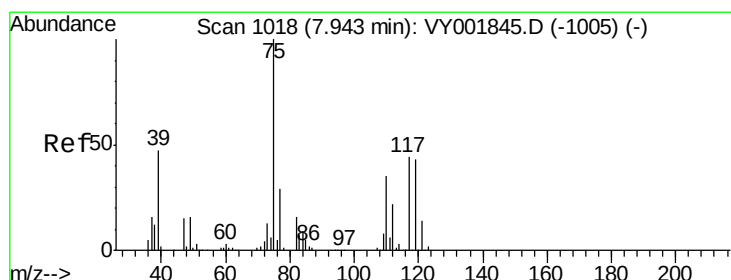
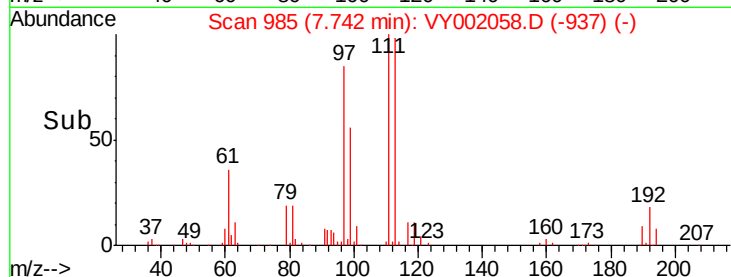
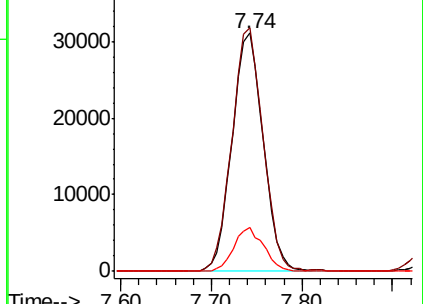
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.029 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

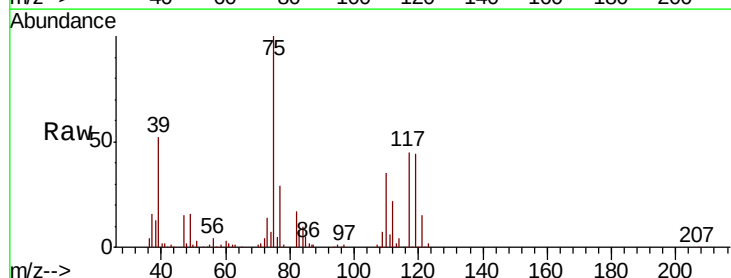
Tgt Ion: 75 Resp: 124072

Ion Ratio Lower Upper

75 100

110 34.5 17.4 52.2

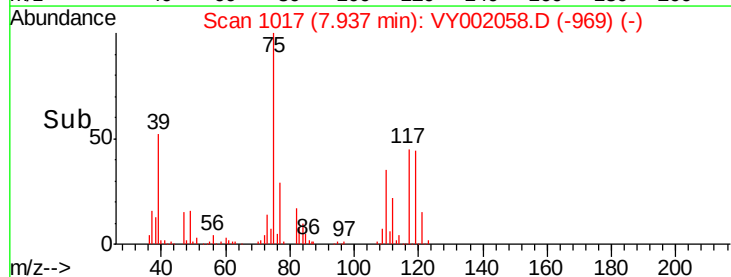
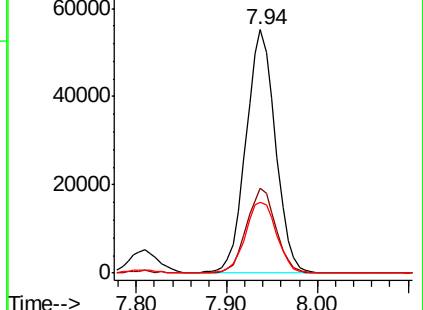
77 31.0 24.2 36.2

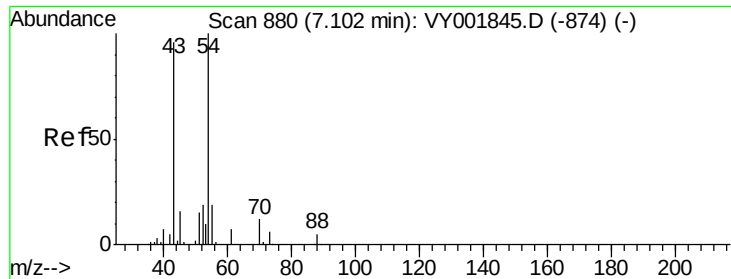


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





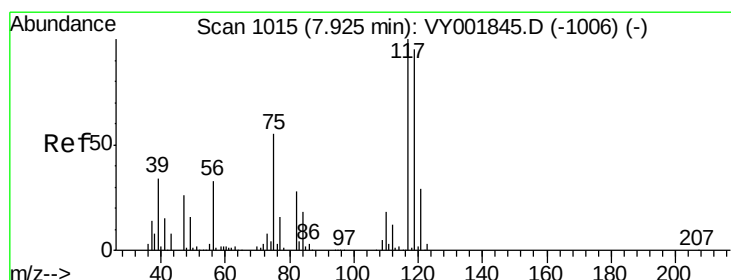
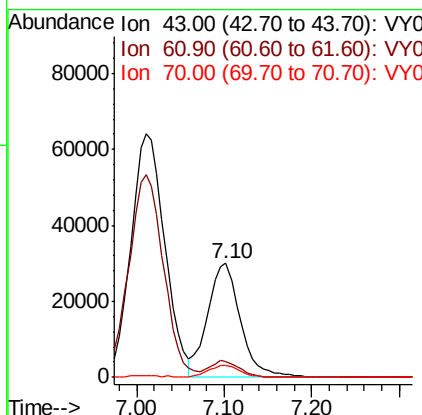
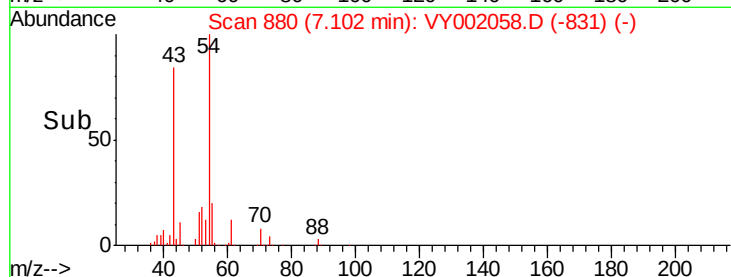
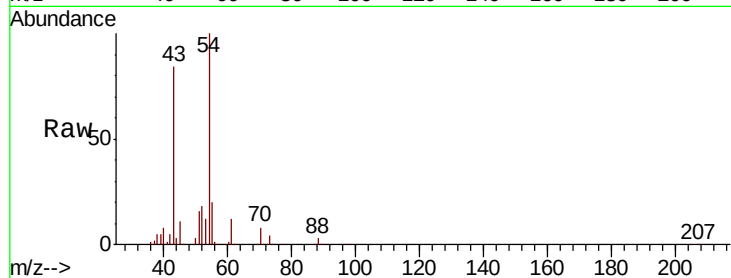
#37
Ethyl Acetate
Concen: 54.135 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.0	8.2	12.4

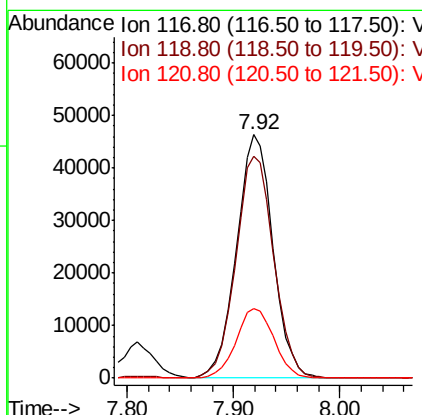
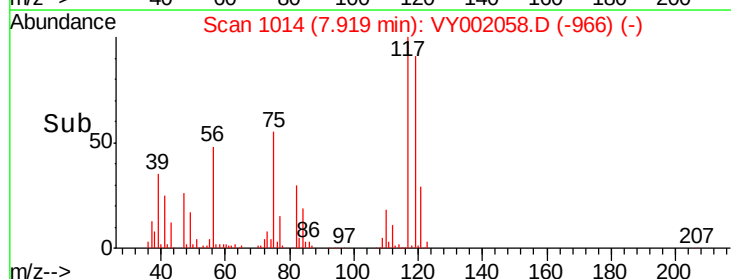
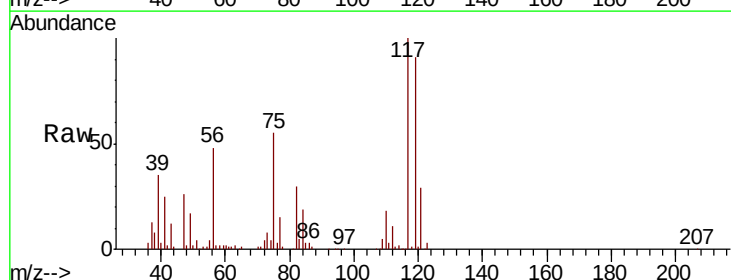
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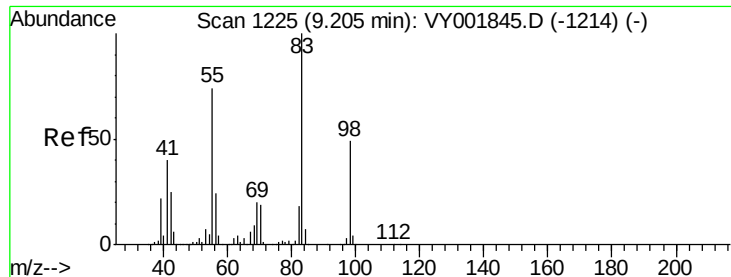
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#38
Carbon Tetrachloride
Concen: 52.460 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.3	114.5
121	28.5	23.5	35.3





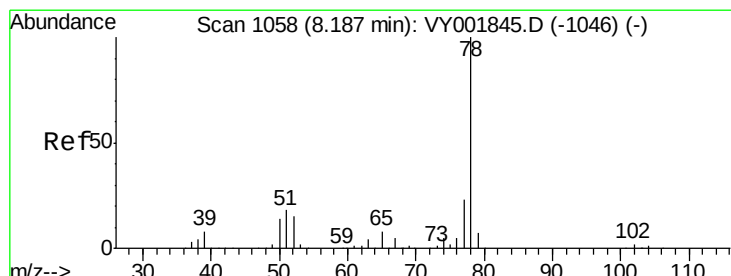
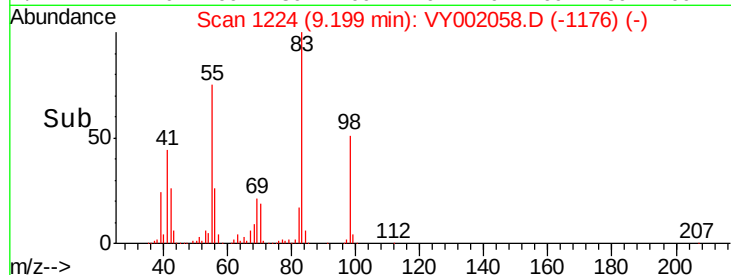
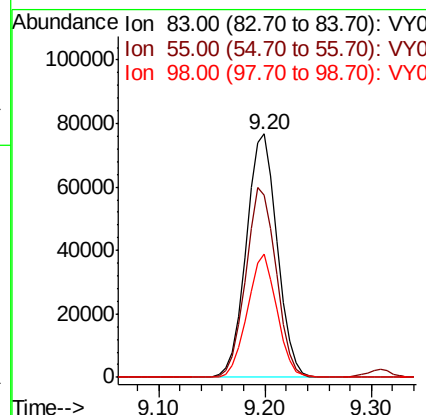
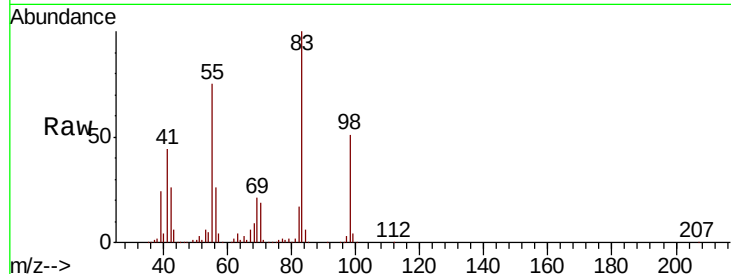
#39
Methylvlcyclohexane
Concen: 47.453 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.4	89.0
98	50.8	38.9	58.3

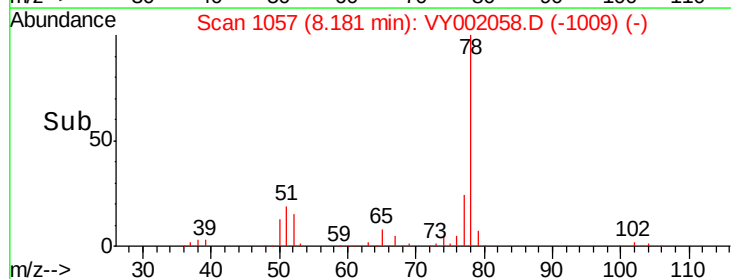
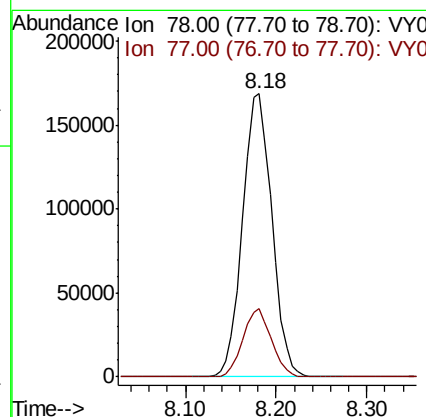
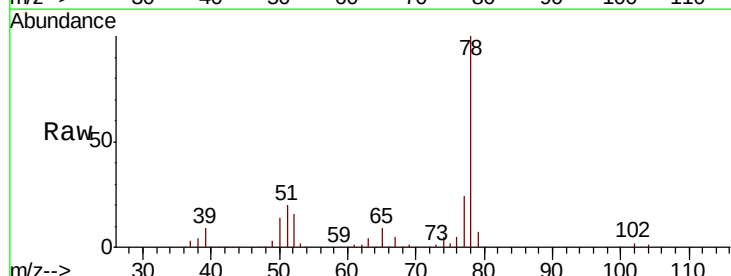
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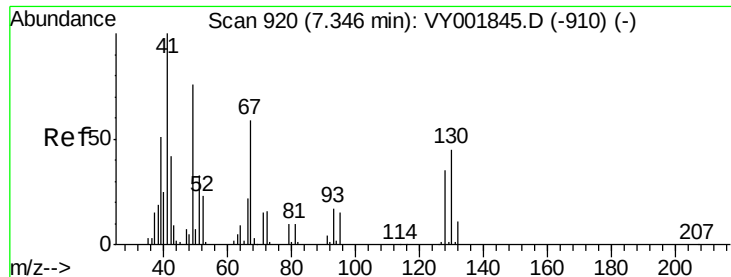
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#40
Benzene
Concen: 51.364 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





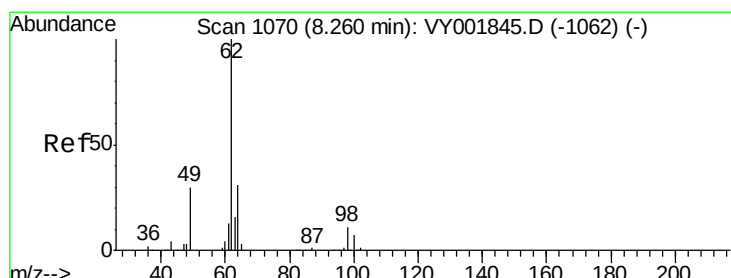
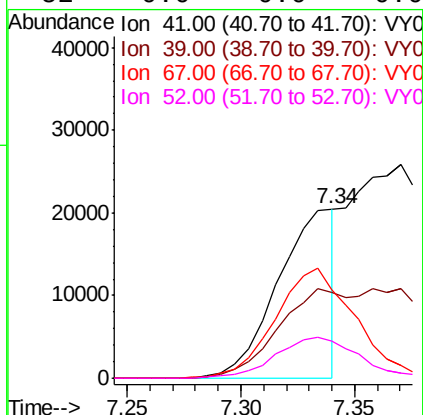
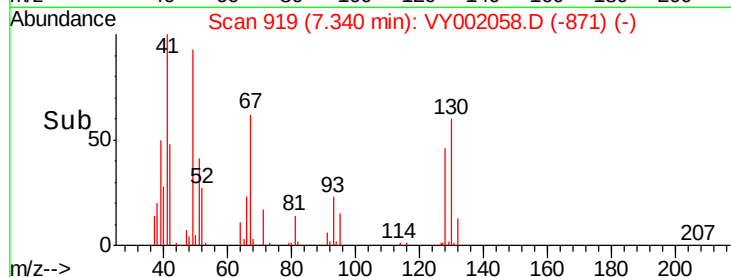
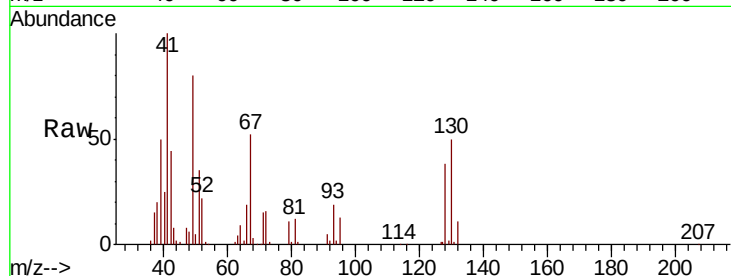
#41
Methacrylonitrile
Concen: 55.371 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

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

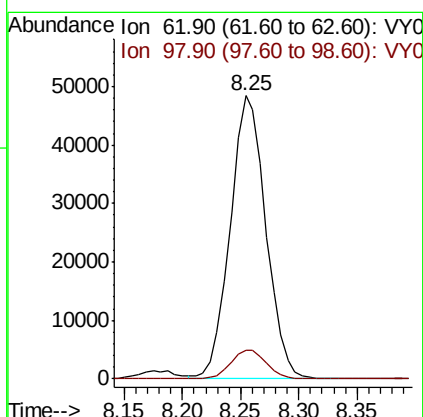
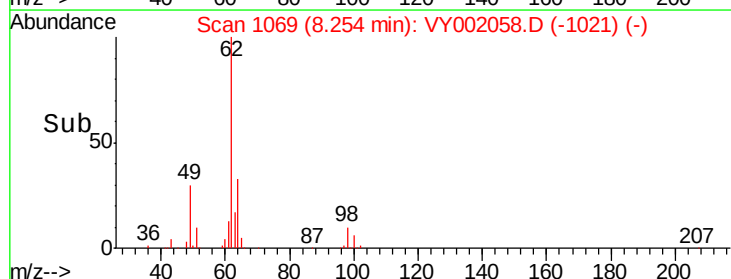
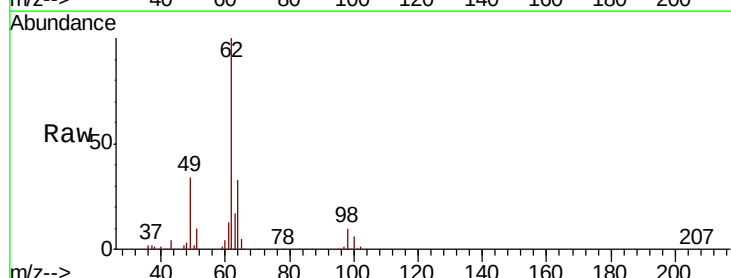
Manual Integrations
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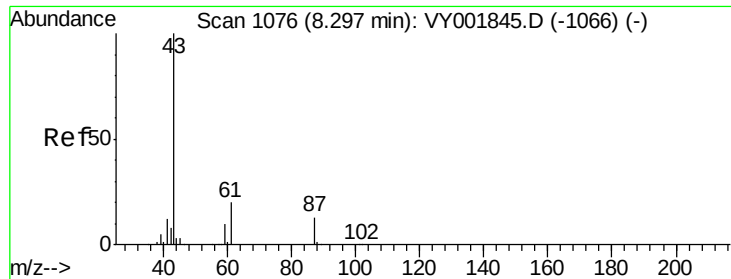
apatel
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#42
1,2-Dichloroethane
Concen: 54.414 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.4





#43

Isopropyl Acetate

Concen: 54.624 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

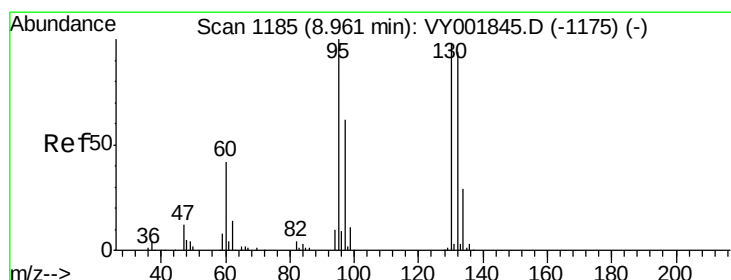
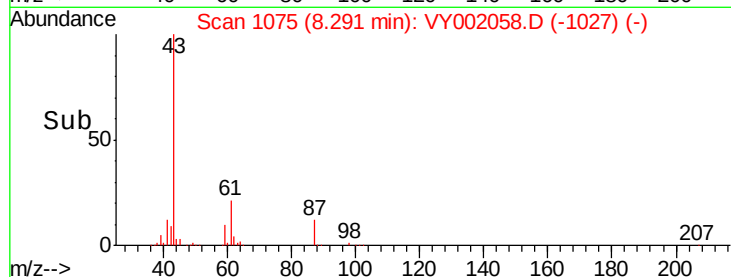
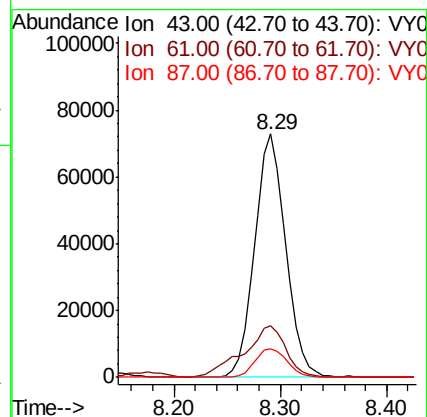
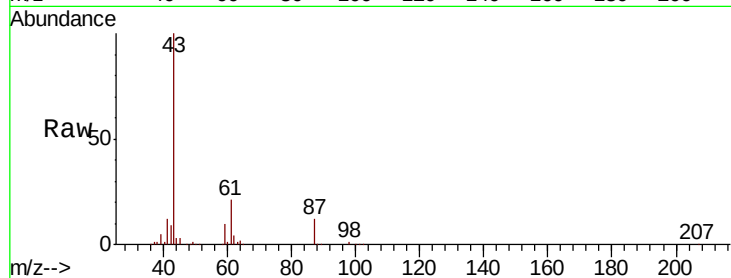
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	149067
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.8	35.6
87	12.4	10.9	16.3

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#44

Trichloroethene

Concen: 50.567 ug/l

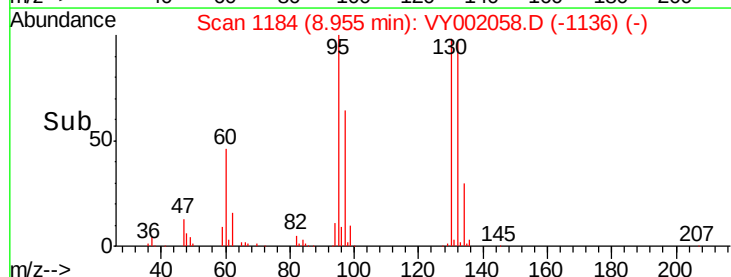
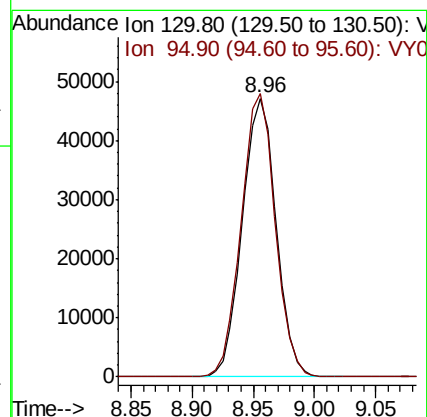
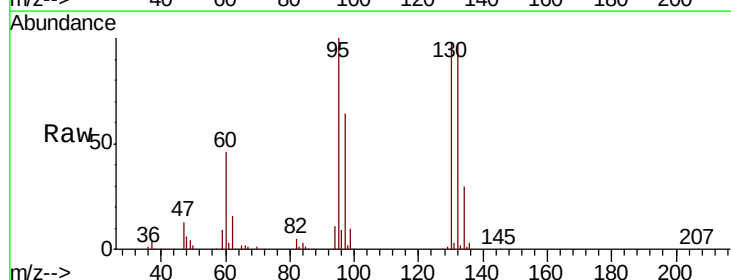
RT: 8.96 min Scan# 1184

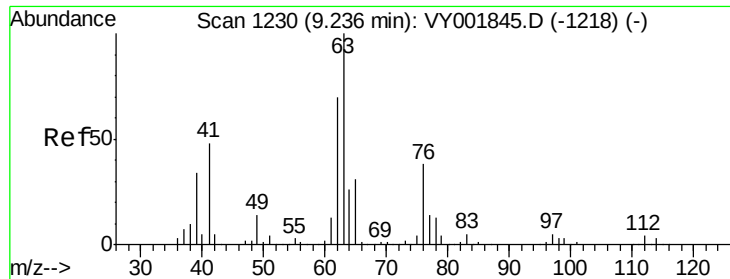
Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	130	Resp:	90527
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	204.6





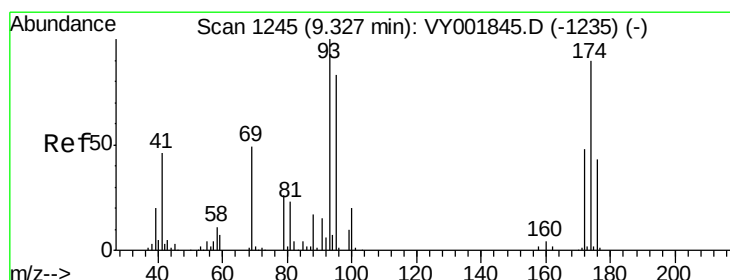
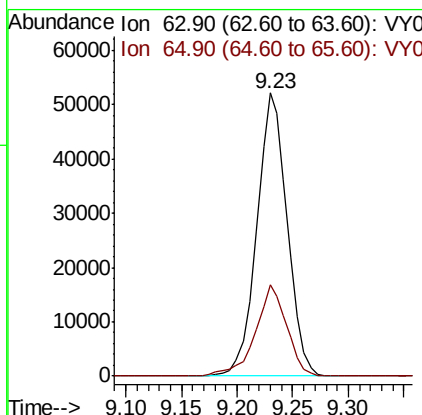
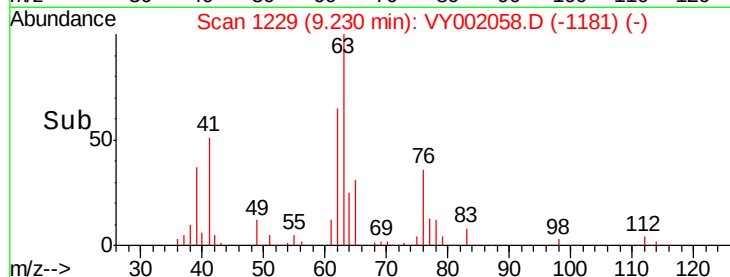
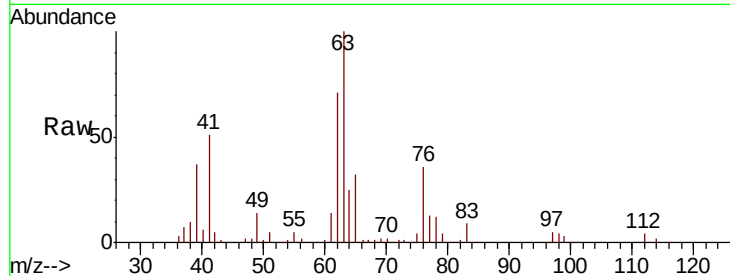
#45
 1,2-Dichloropropane
 Concen: 53.470 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 98805
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.9 37.3

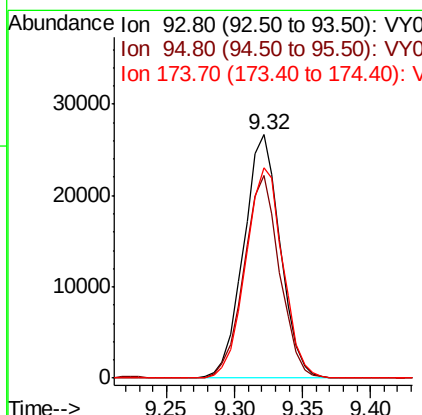
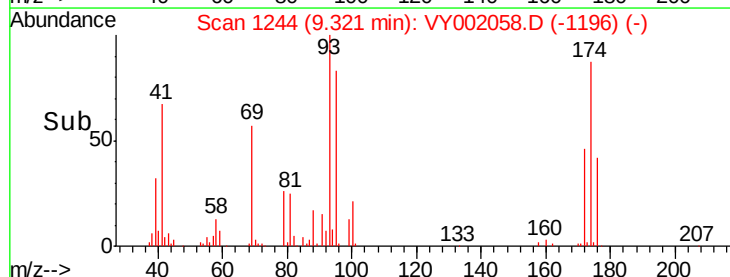
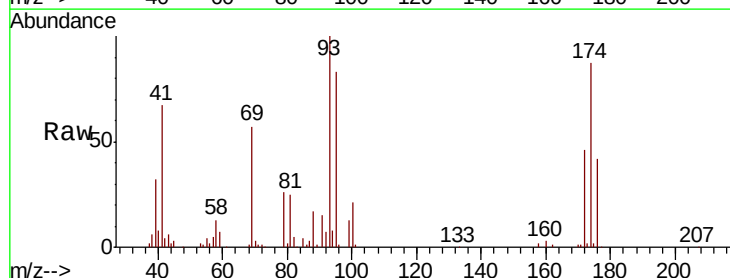
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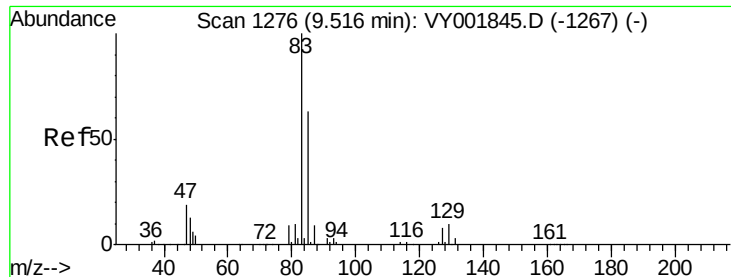
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#46
 Dibromomethane
 Concen: 52.664 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 93 Resp: 50149
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.4
 174 88.0 71.8 107.8





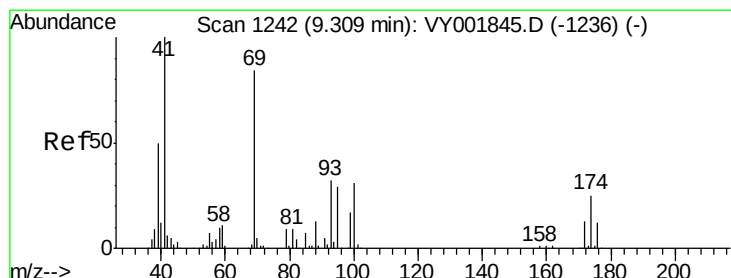
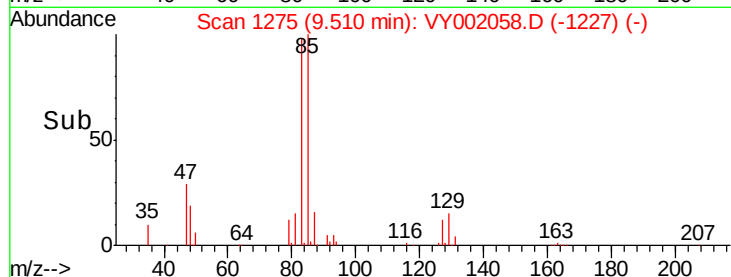
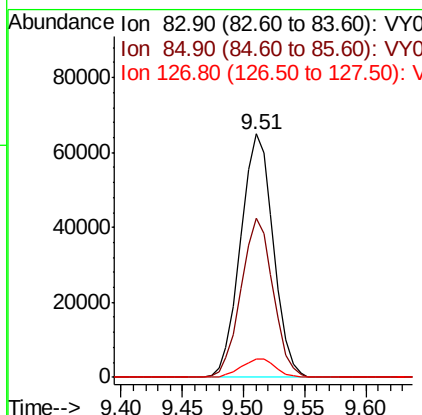
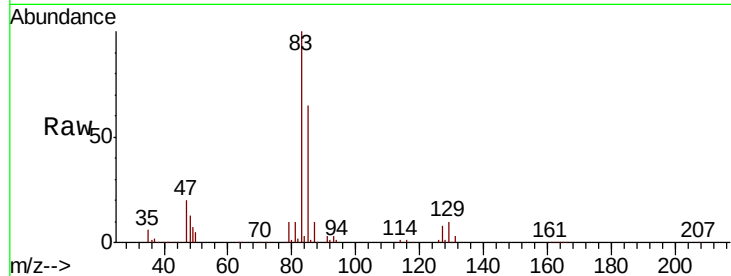
#47
Bromodichloromethane
Concen: 54.456 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.6	76.0
127	7.6	6.2	9.4

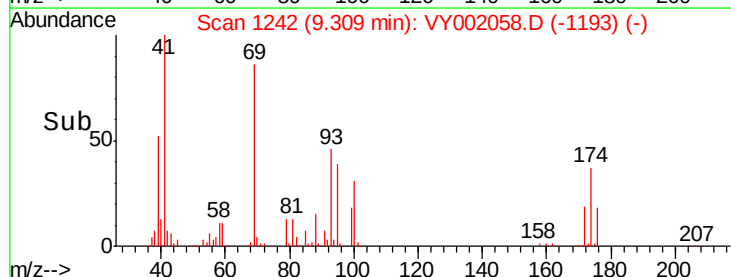
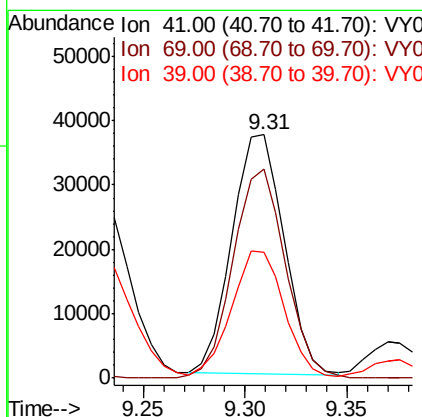
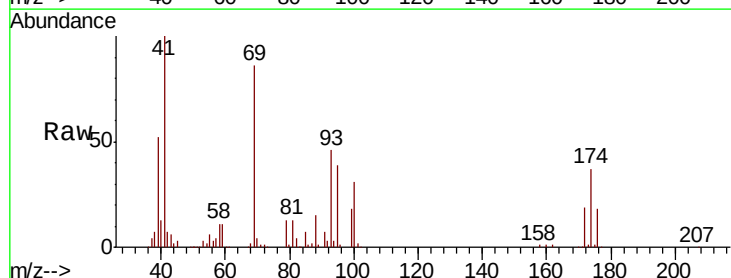
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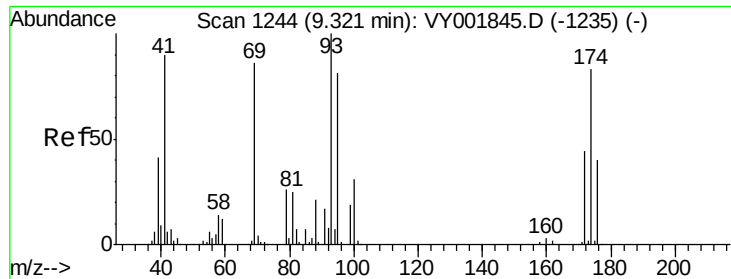
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#48
Methyl methacrylate
Concen: 54.597 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.0	69.0	103.6
39	54.1	39.1	58.7





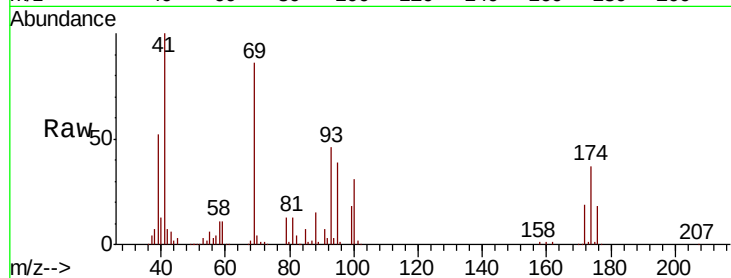
#49
1,4-Dioxane
Concen: 1074.254 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.0	37.6
58	77.9	58.9	88.3

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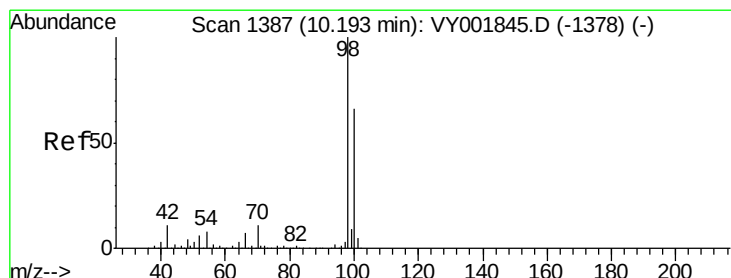
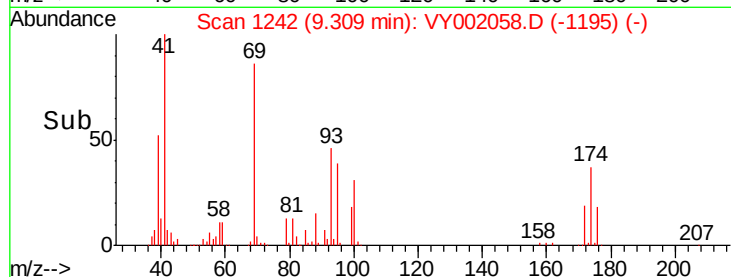
Abundance

Ion 88.00 (87.70 to 88.70): VY001845.D (-1235) (-)

Ion 43.00 (42.70 to 43.70): VY001845.D (-1235) (-)

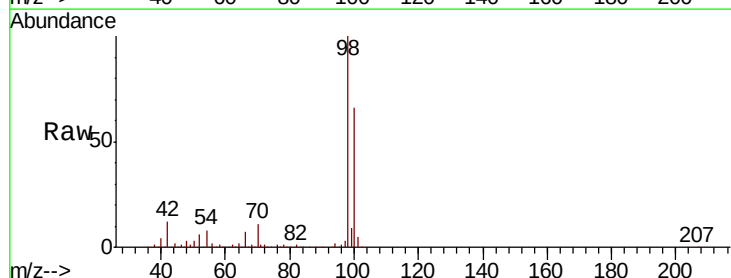
Ion 58.00 (57.70 to 58.70): VY001845.D (-1235) (-)

Time-->



#50
Toluene-d8
Concen: 50.017 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

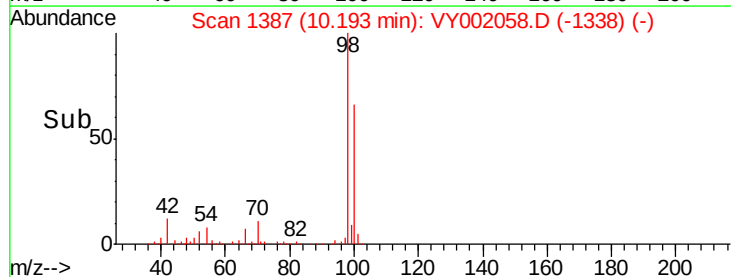


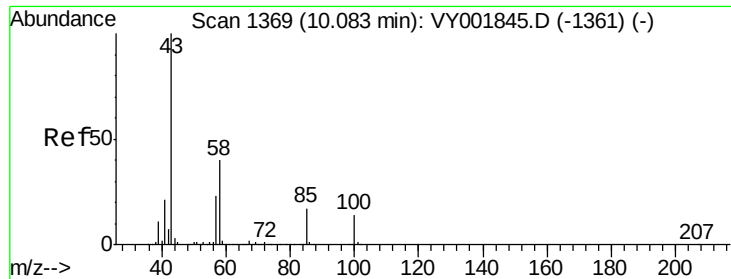
Abundance

Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

Time-->





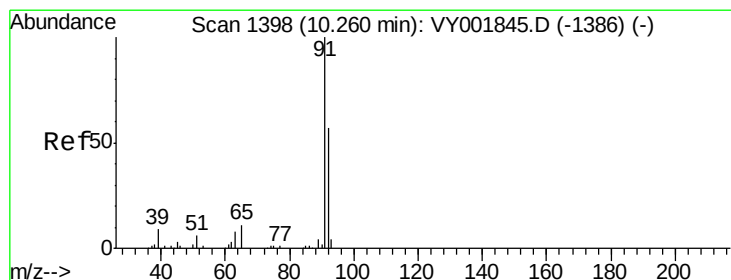
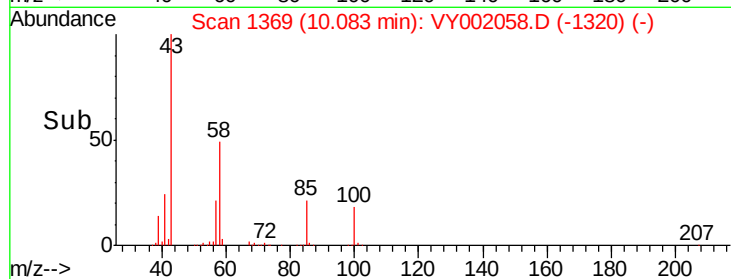
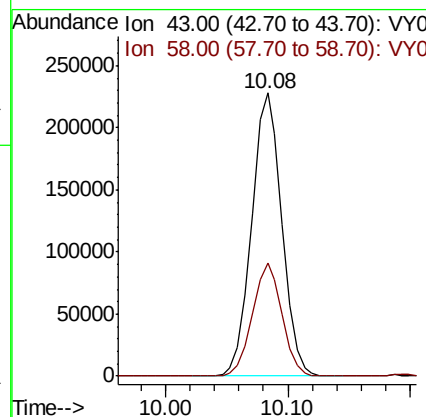
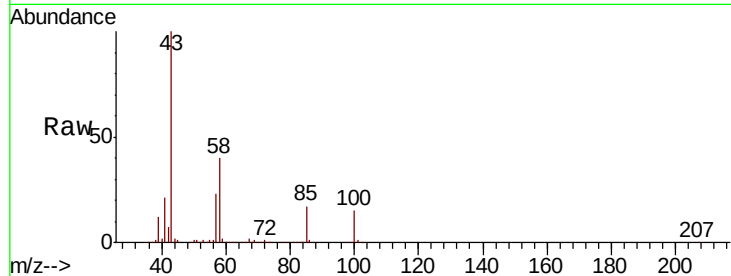
#51
 4-Methyl-2-Pentanone
 Concen: 277.998 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	390757
Ion Ratio	100	Lower	Upper
43	100		
58	39.0	32.0	48.0

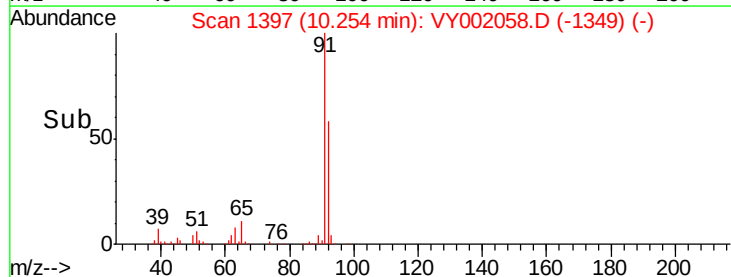
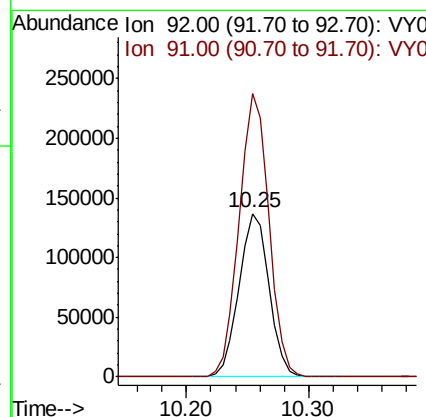
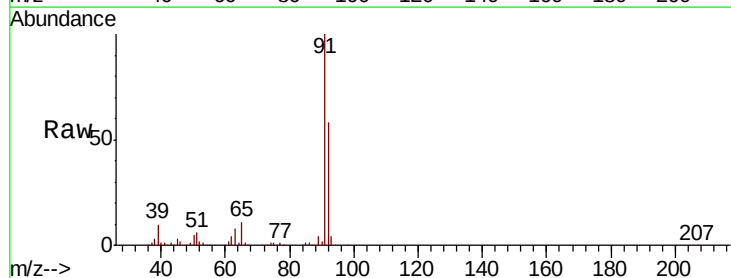
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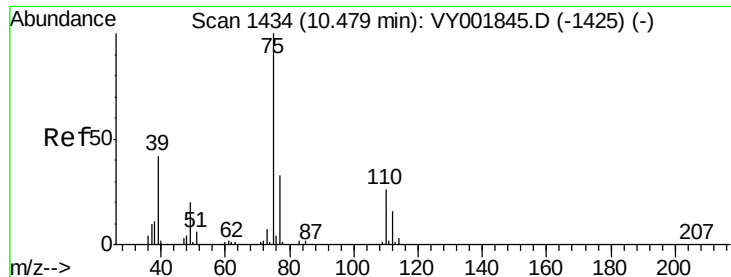
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#52
 Toluene
 Concen: 51.825 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	92	Resp	231423
Ion Ratio	100	Lower	Upper
92	100		
91	172.5	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 54.546 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 131636

Ion Ratio Lower Upper

75 100

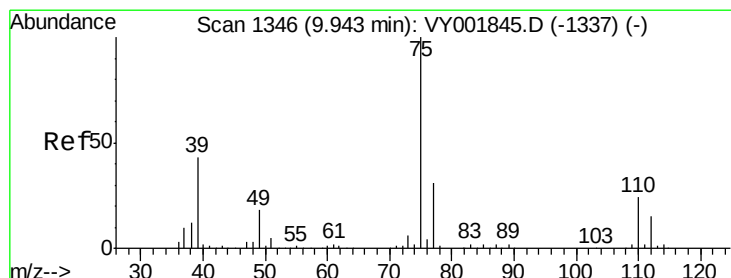
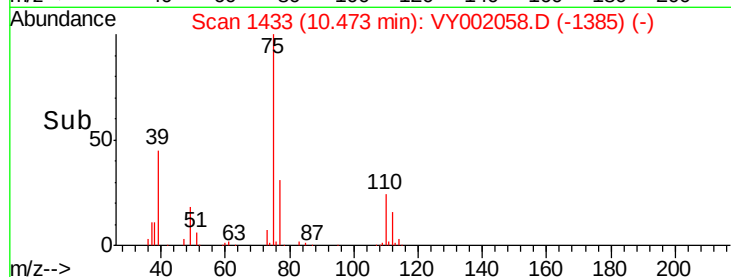
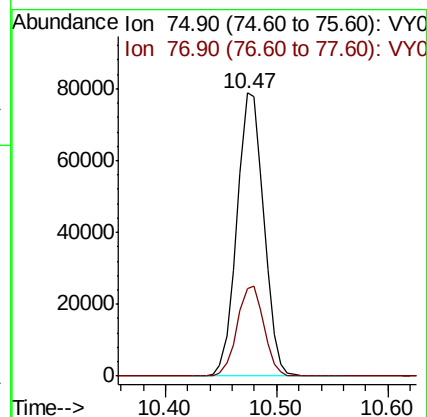
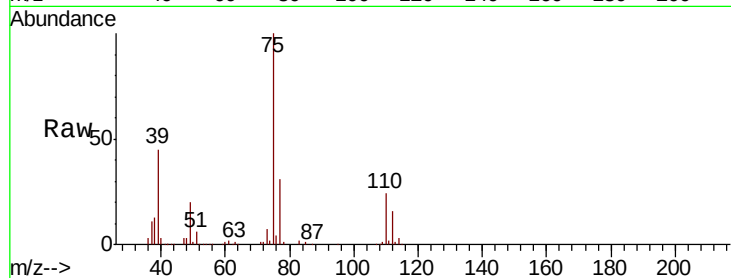
77 30.9 26.3 39.5

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#54

cis-1,3-Dichloropropene

Concen: 53.678 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

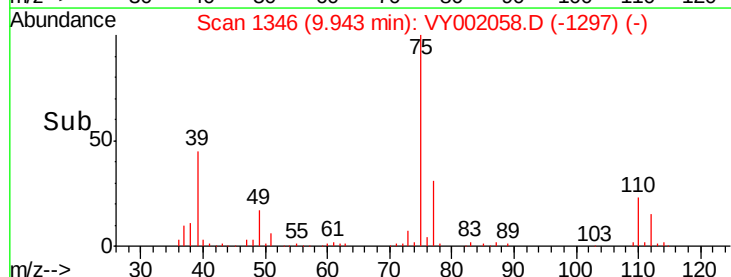
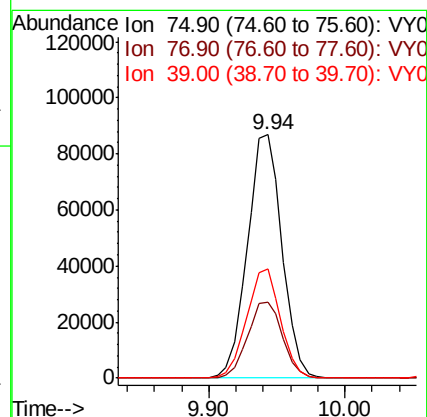
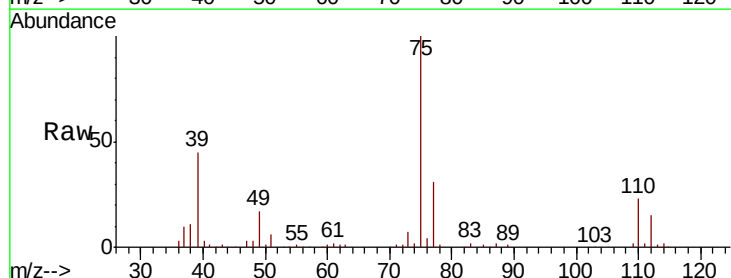
Tgt Ion: 75 Resp: 154213

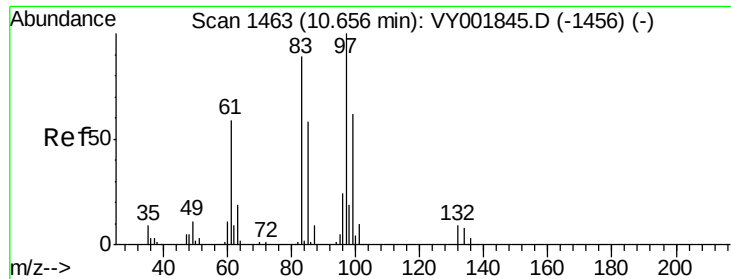
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 44.6 34.7 52.1





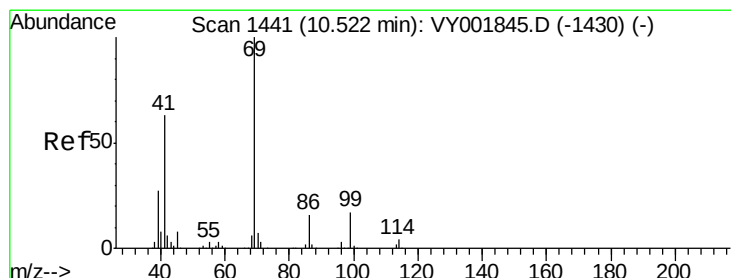
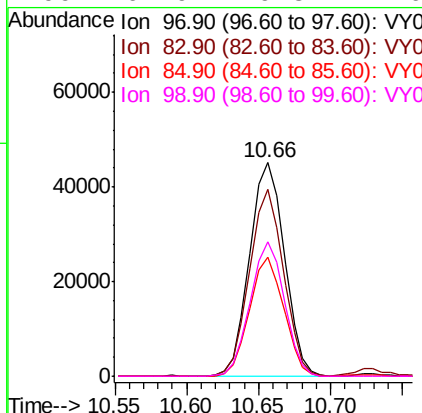
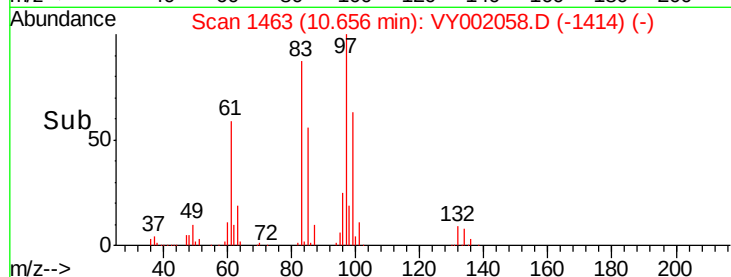
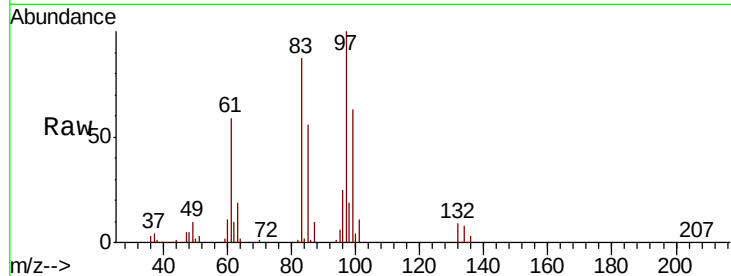
#55
 1,1,2-Trichloroethane
 Concen: 54.284 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.6	107.4
85	55.7	46.6	69.8
99	62.9	49.8	74.6

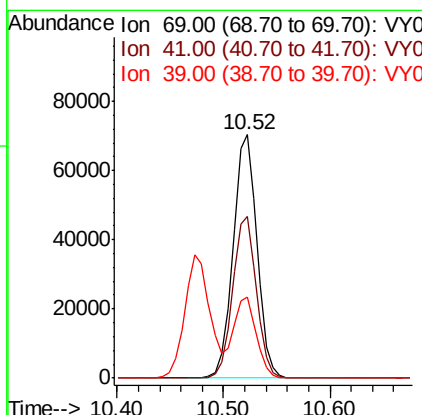
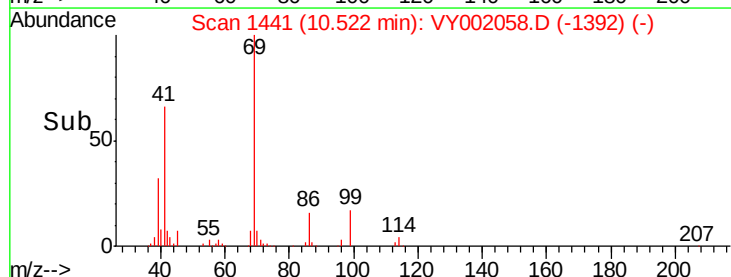
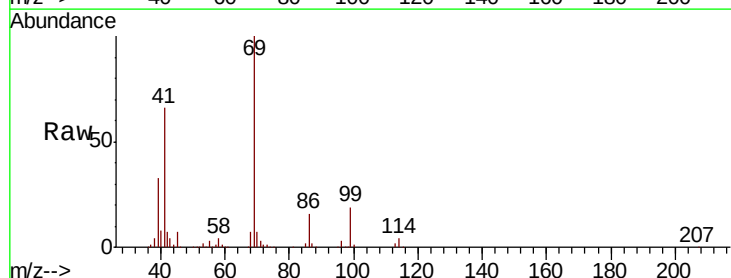
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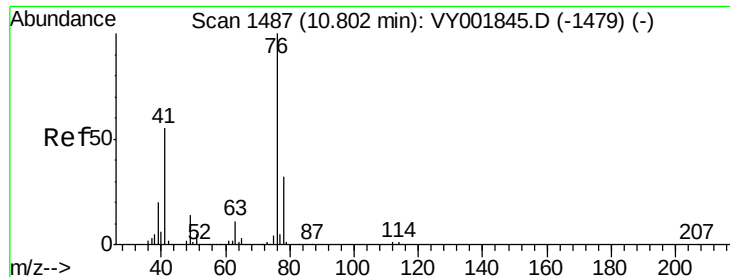
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#56
 Ethyl methacrylate
 Concen: 54.029 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	49.9	74.9
39	32.8	23.0	34.6





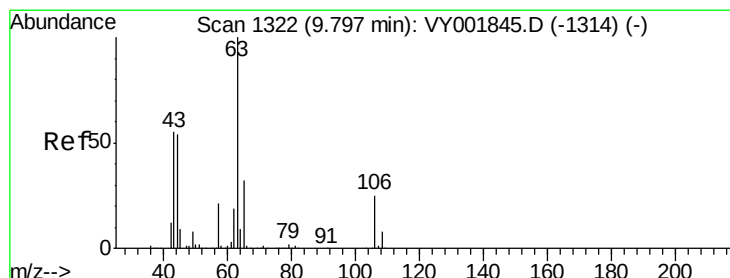
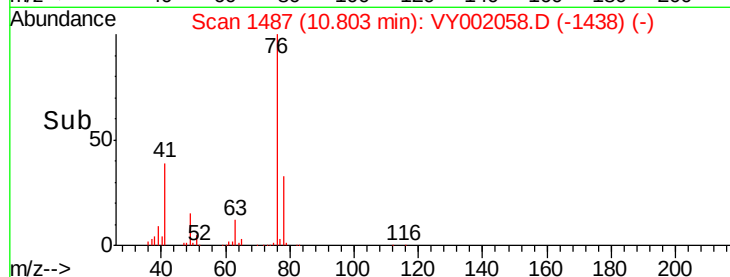
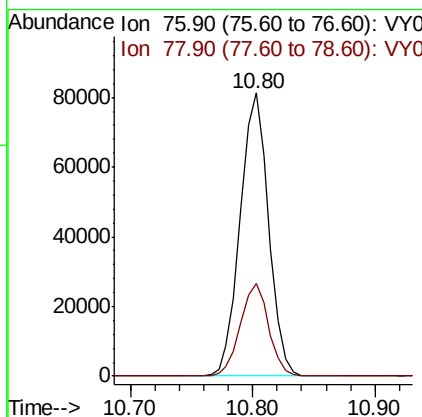
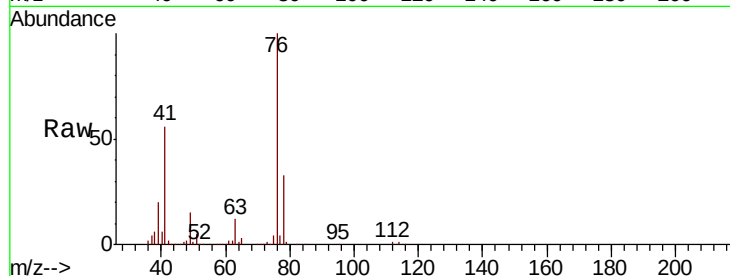
#57
 1,3-Dichloropropane
 Concen: 52.691 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

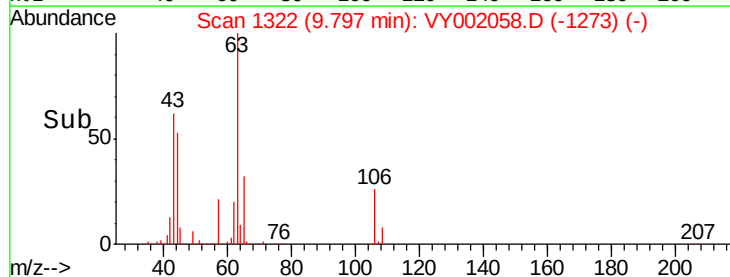
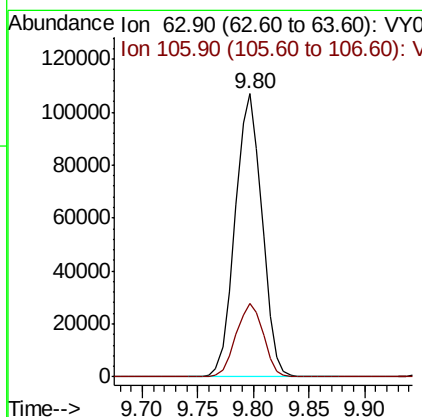
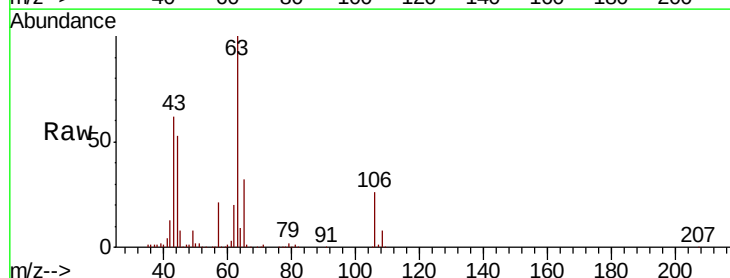
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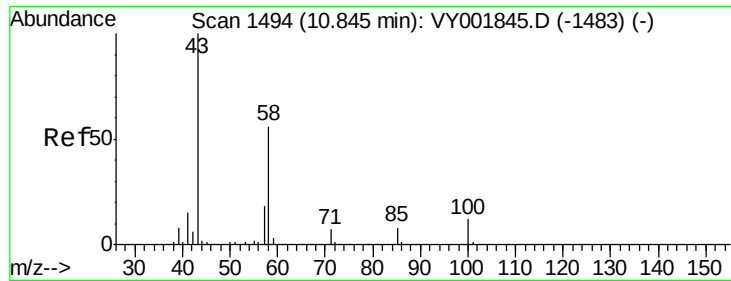
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.947 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.3	31.9





#59

2-Hexanone

Concen: 269.822 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 270701

Ion Ratio Lower Upper

43 100

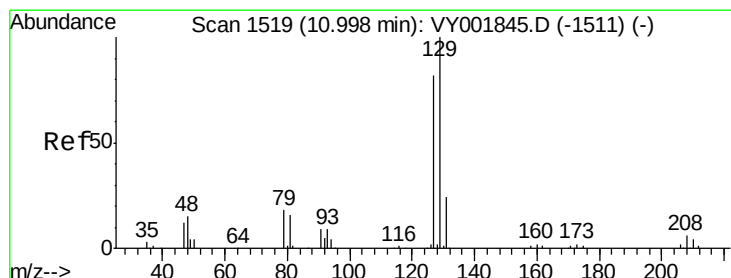
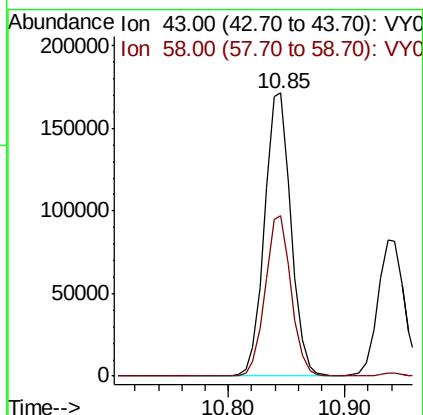
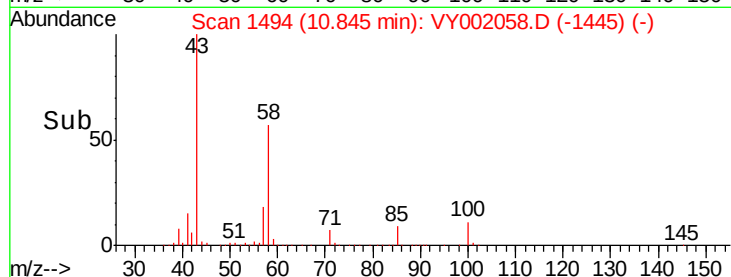
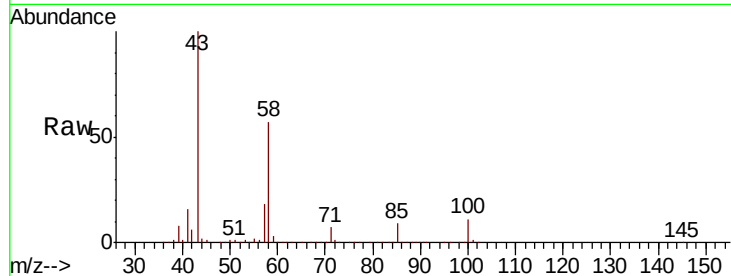
58 55.8 28.1 84.3

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#60

Dibromochloromethane

Concen: 54.923 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. 0.00 min

Lab File: VY002058.D

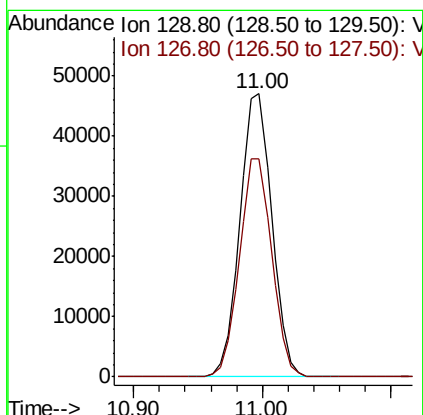
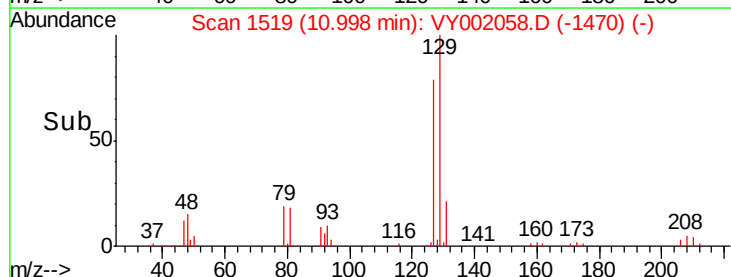
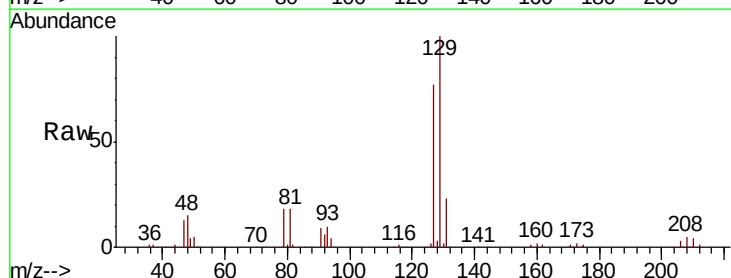
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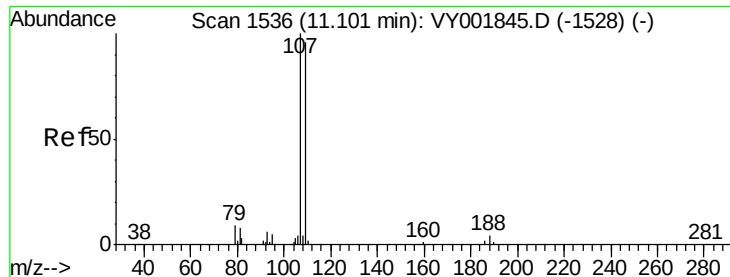
Tgt Ion: 129 Resp: 80653

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0





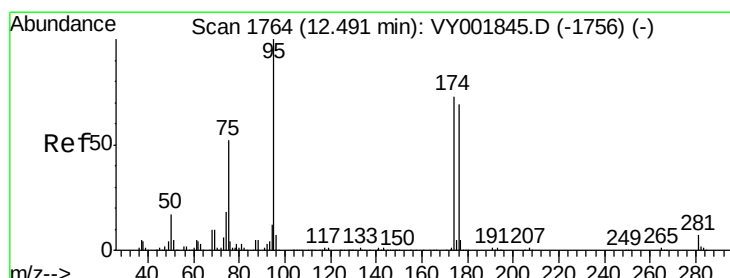
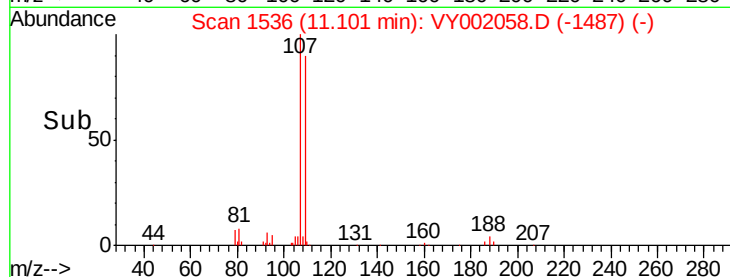
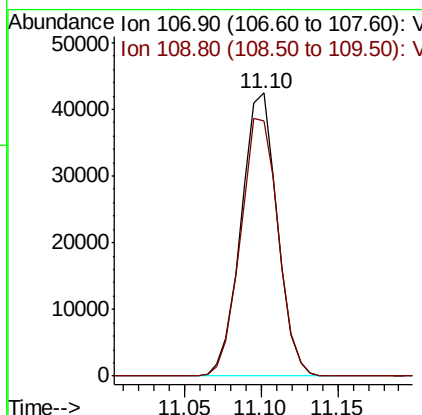
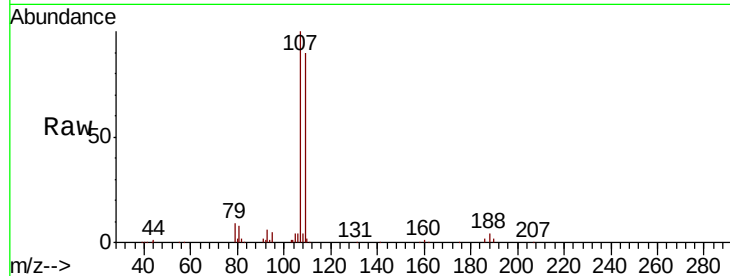
#61
 1,2-Dibromoethane
 Concen: 52.808 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 69711
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0

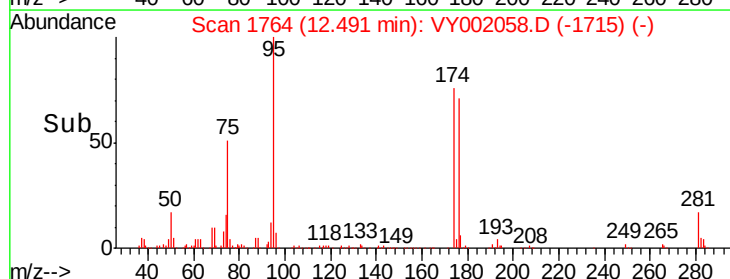
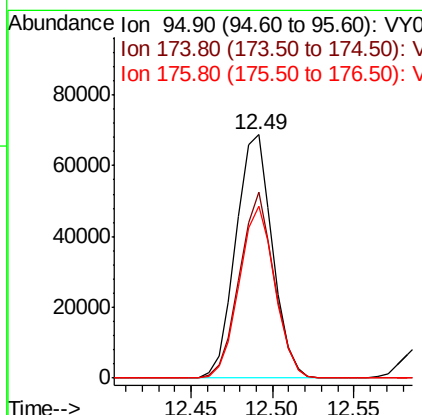
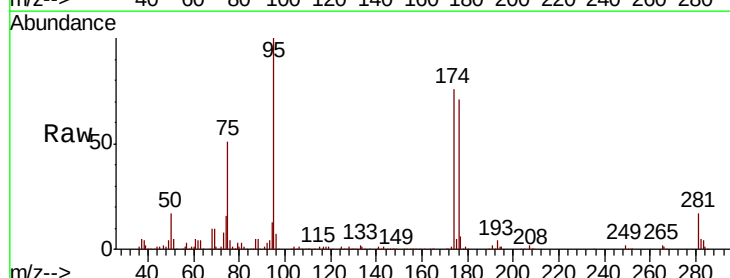
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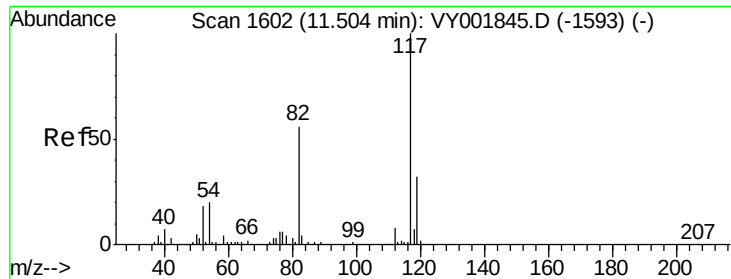
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#62
 4-Bromofluorobenzene
 Concen: 52.188 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion: 95 Resp: 107683
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 145.0
 176 68.7 0.0 137.4





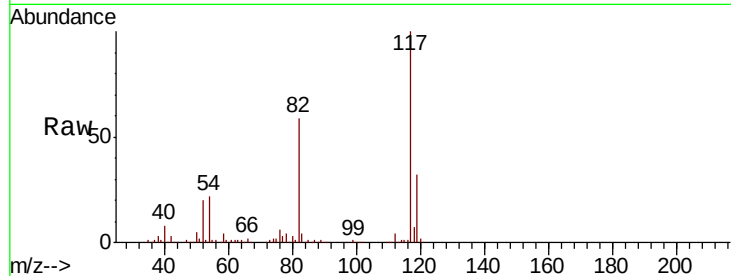
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.5	66.7
119	31.6	25.7	38.5

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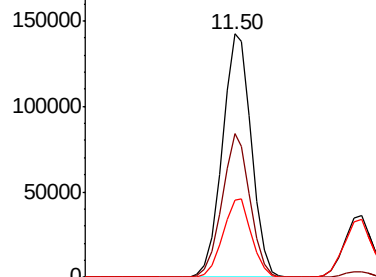


Abundance

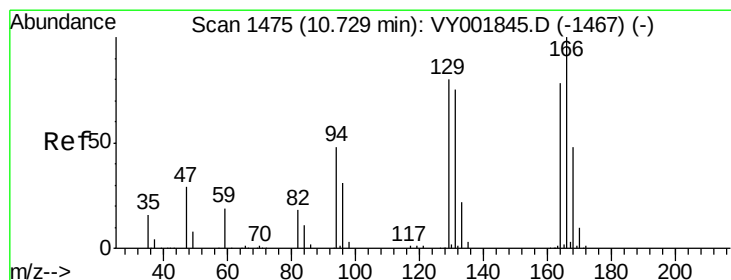
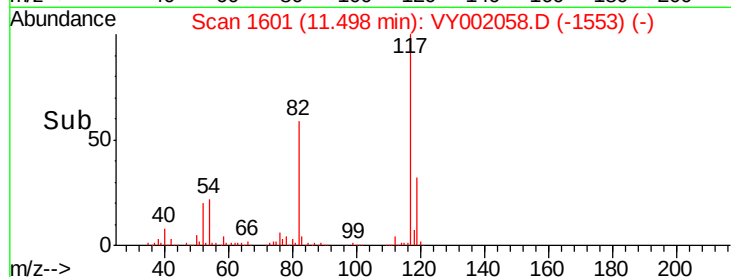
Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



Time-->



#64
Tetrachloroethene
Concen: 50.691 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.6	154.0
129	95.9	82.3	123.5
131	95.9	77.4	116.0

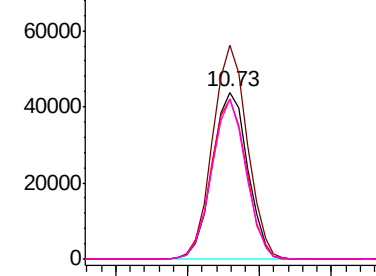
Abundance

Ion 163.80 (163.50 to 164.50): V

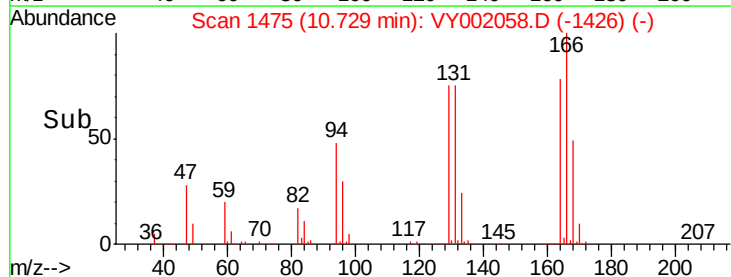
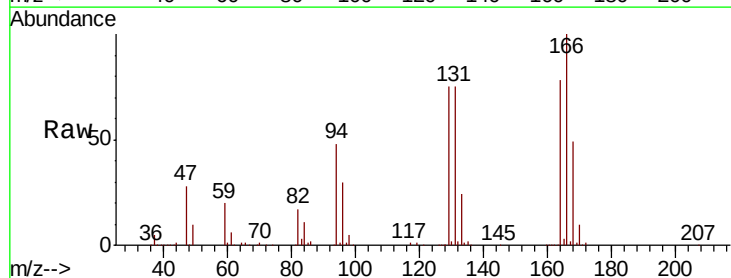
Ion 165.80 (165.50 to 166.50): V

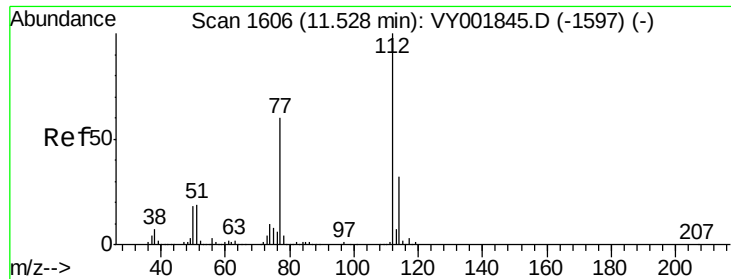
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->





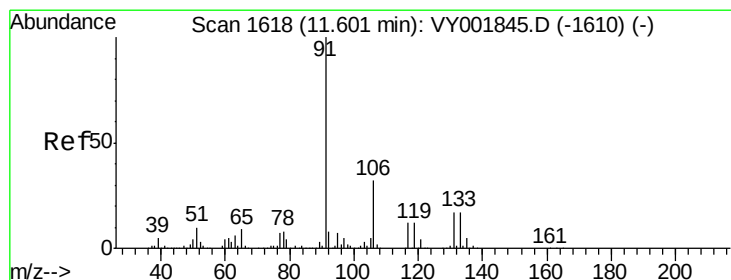
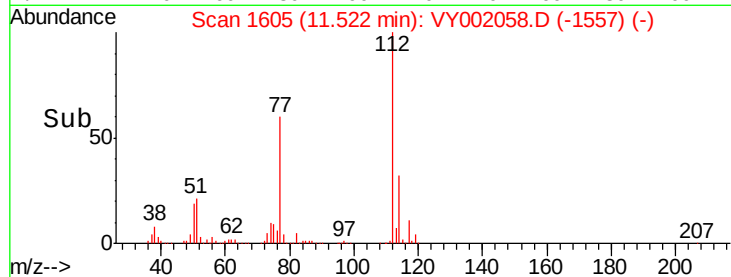
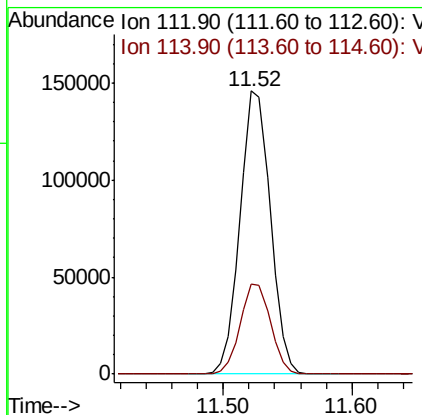
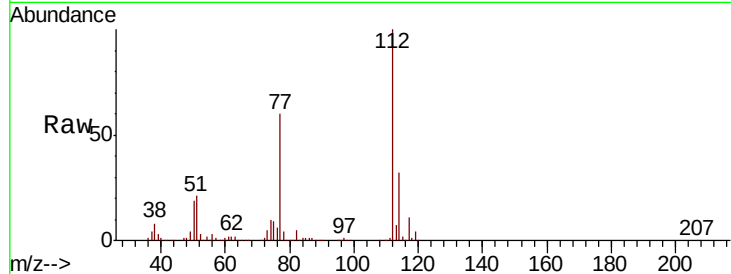
#65
Chlorobenzene
Concen: 50.936 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.9	38.9

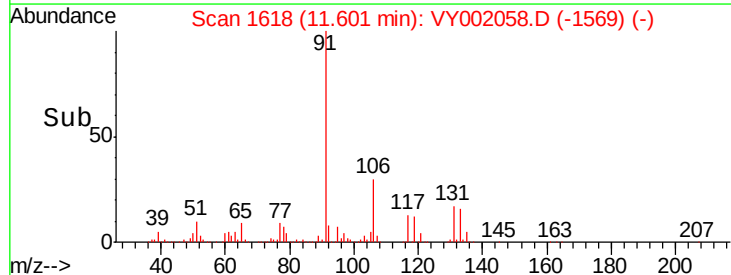
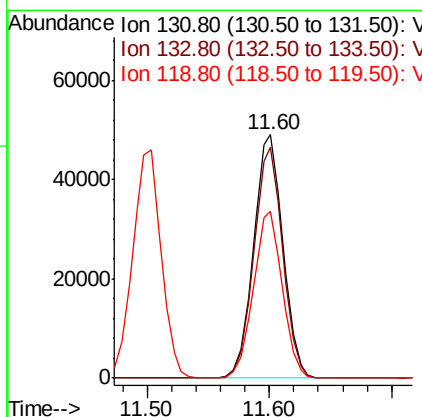
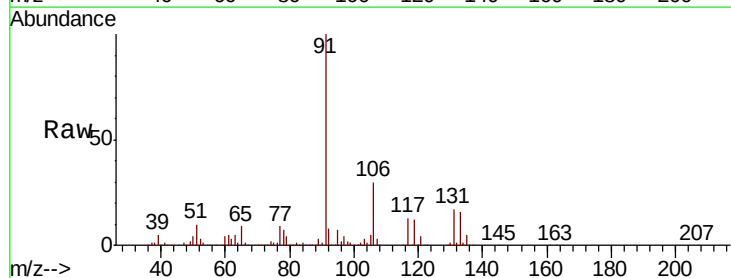
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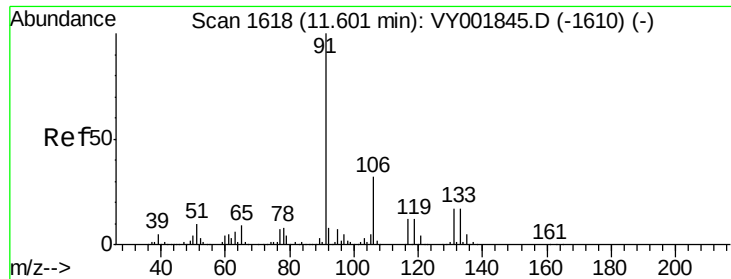
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.365 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.1	141.3
119	67.6	34.5	103.6





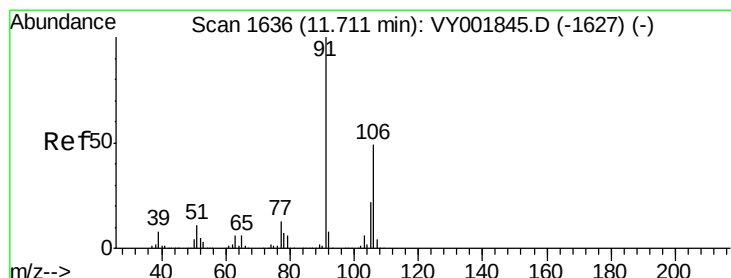
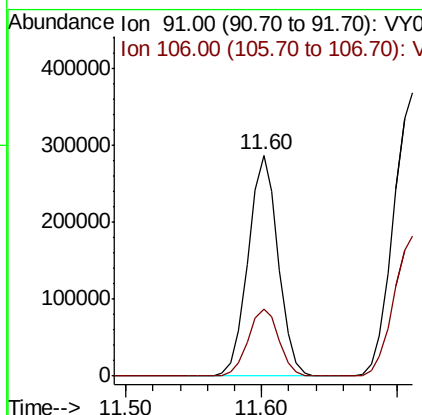
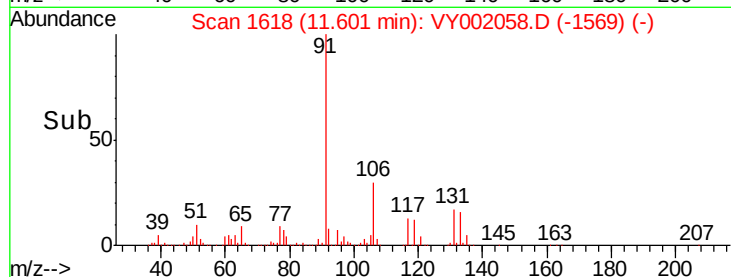
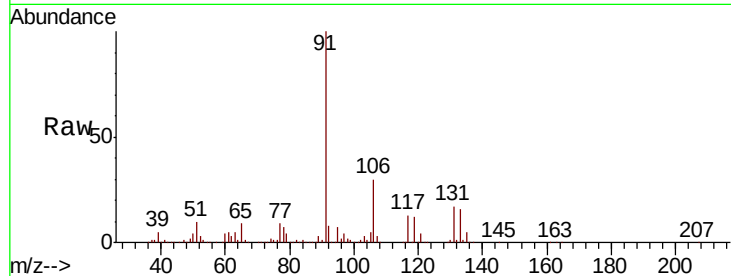
#67
Ethyl Benzene
Concen: 50.623 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 441092
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.2

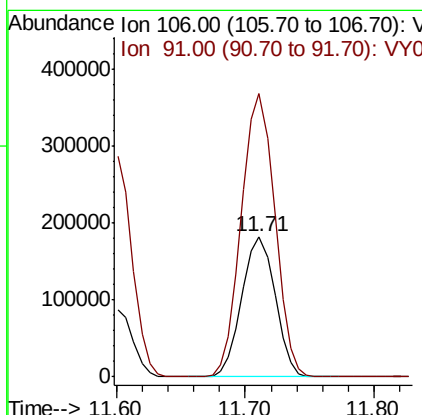
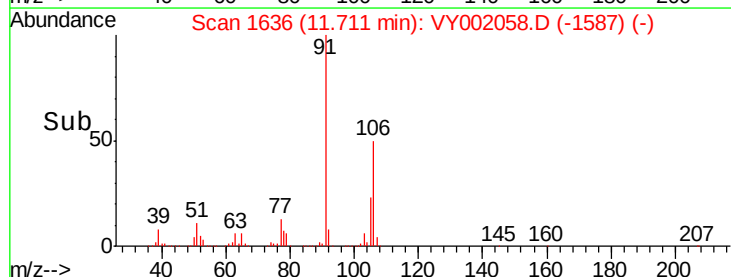
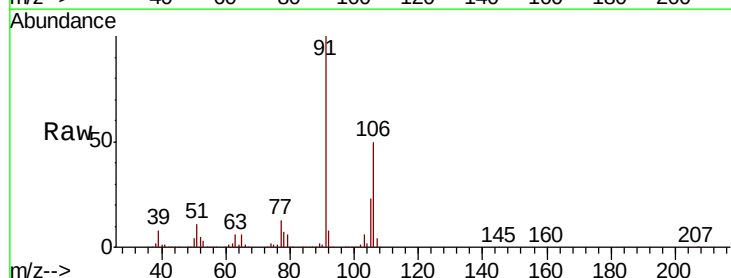
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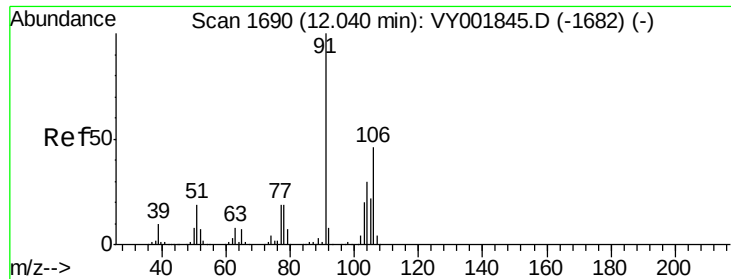
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#68
m/p-Xylenes
Concen: 101.342 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion: 106 Resp: 326463
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9





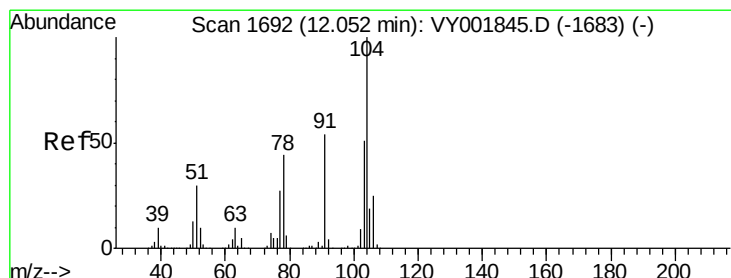
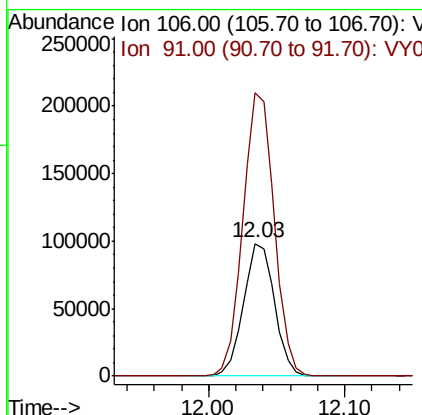
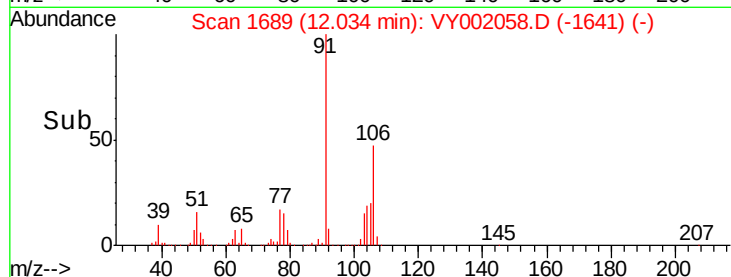
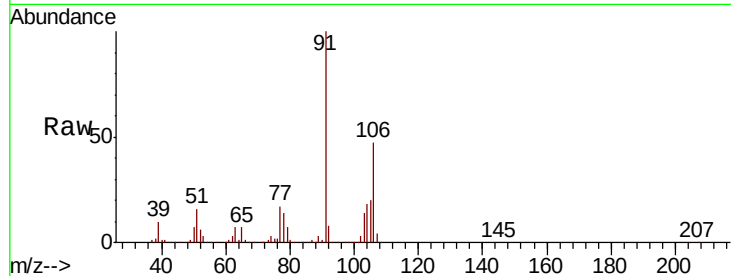
#69
o-Xylene
Concen: 51.495 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.9	106.8	320.4		

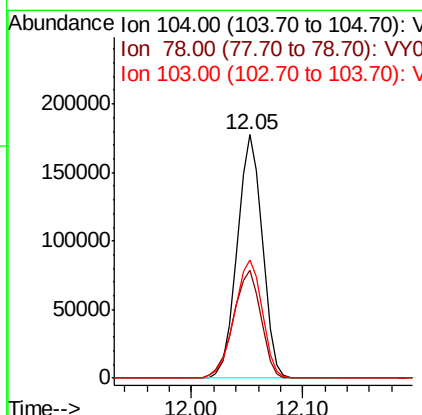
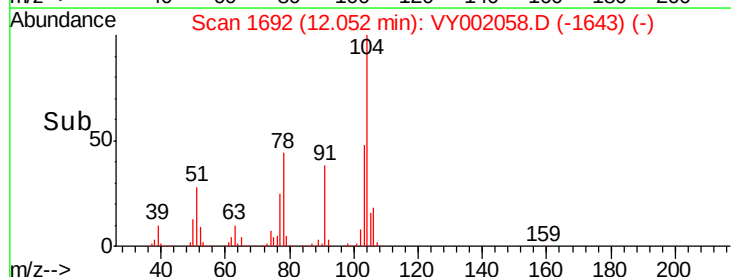
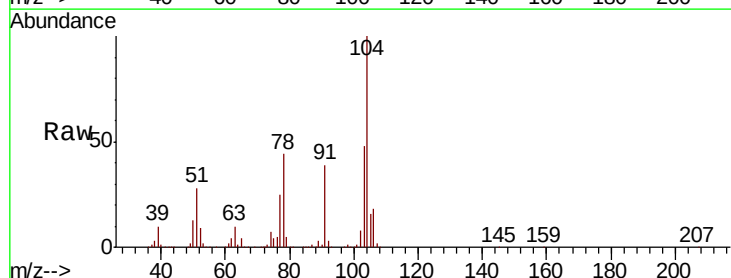
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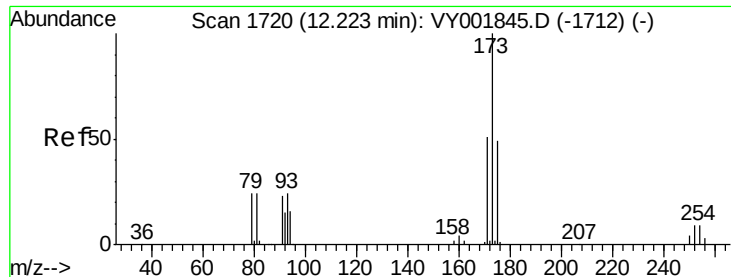
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#70
Styrene
Concen: 53.172 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.8	38.5	57.7		
103	53.8	42.9	64.3		





#71

Bromoform

Concen: 56.137 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

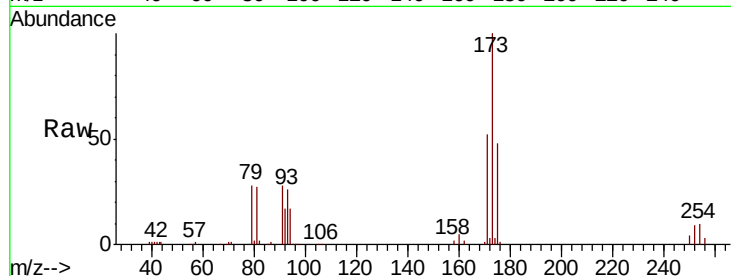
ClientSampleId :

VSTDCCC050EC

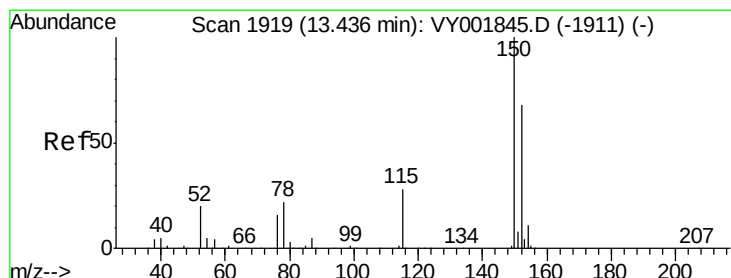
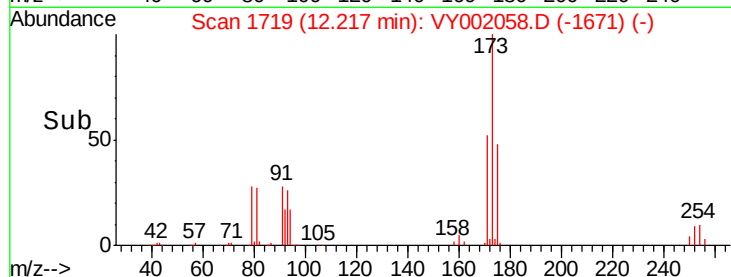
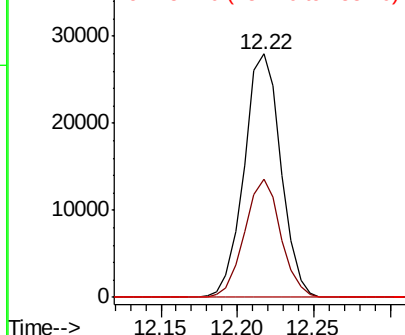
Tot Ion:	173	Resp:	46644
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.3	72.8
254	0.0	0.0	0.0

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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

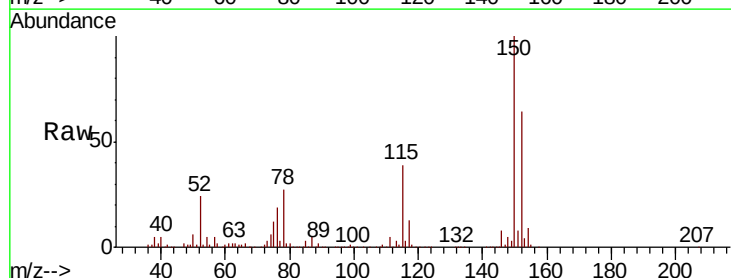
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

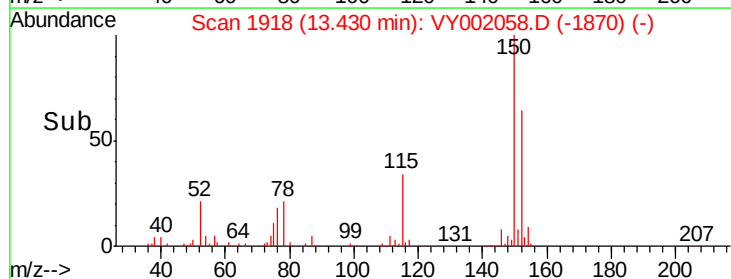
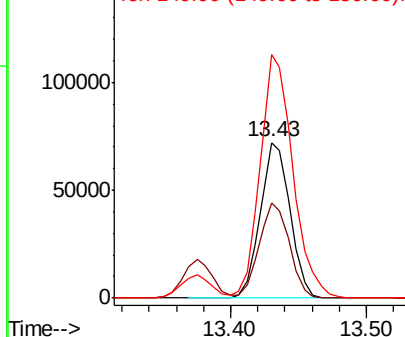
Lab File: VY002058.D

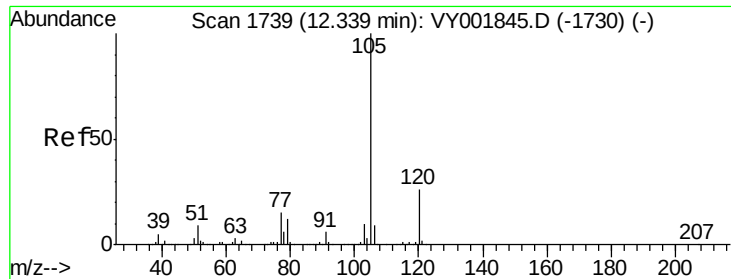
Acq: 24 Mar 2020 18:02

Tgt Ion:	152	Resp:	111027
Ion Ratio	Lower	Upper	
152	100		
115	61.8	29.9	89.7
150	171.6	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: 49.905 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 422974

Ion Ratio Lower Upper

105 100

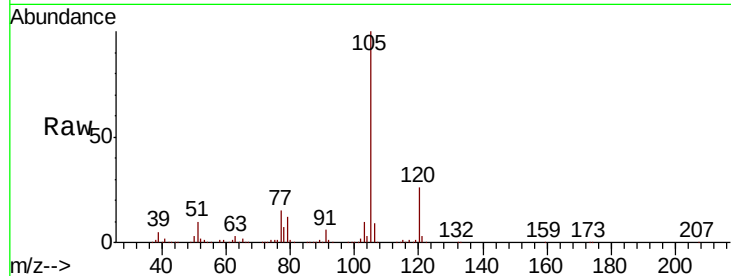
120 26.2 13.1 39.3

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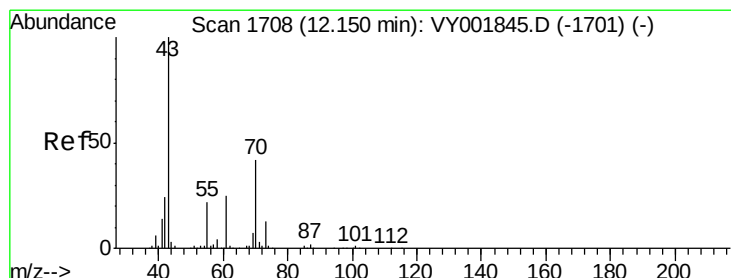
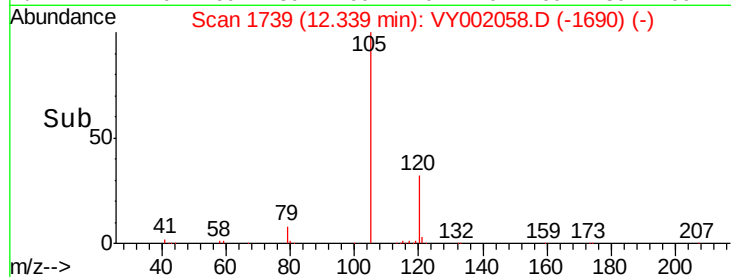
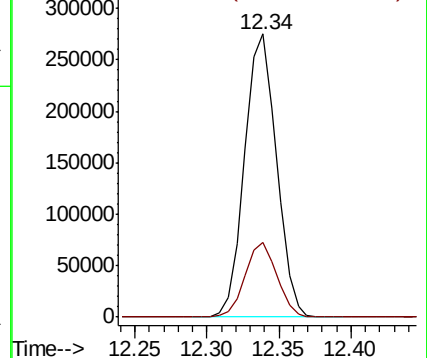
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.237 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion: 43 Resp: 138677

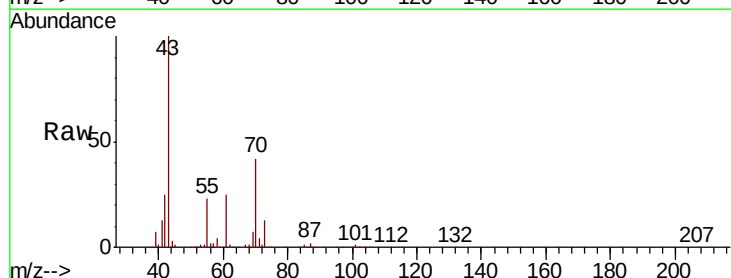
Ion Ratio Lower Upper

43 100

70 42.6 34.7 52.1

55 22.7 18.2 27.4

61 24.7 20.1 30.1

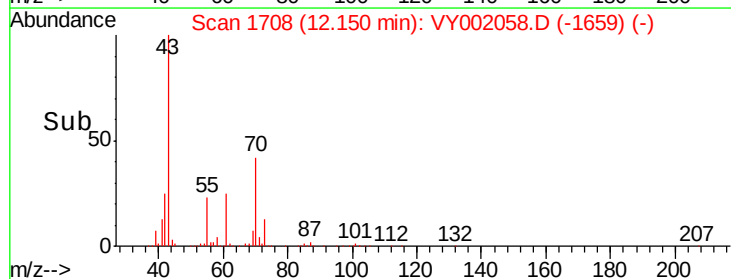
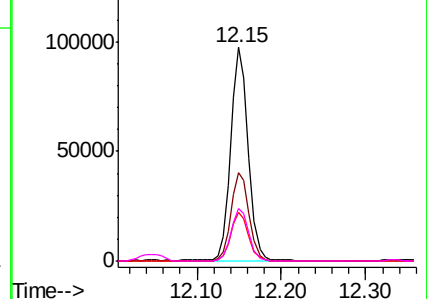


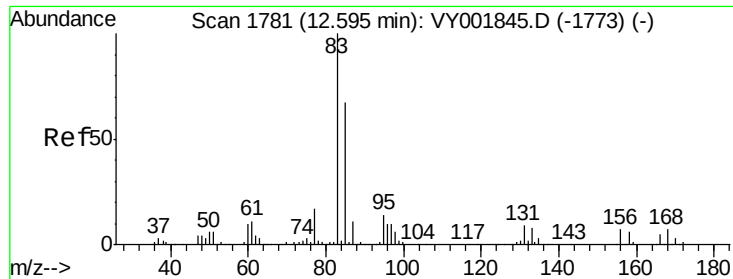
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.087 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

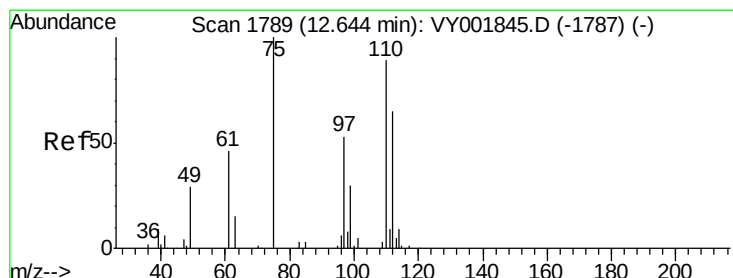
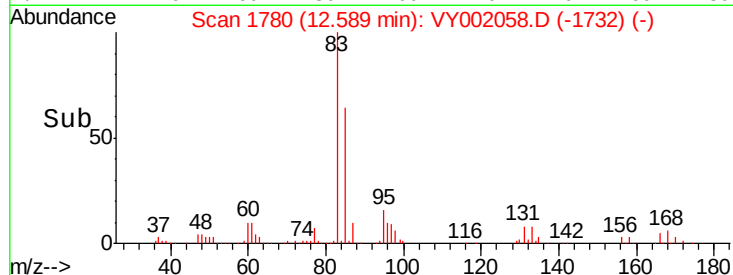
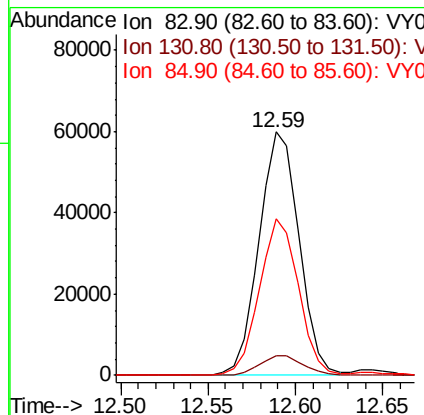
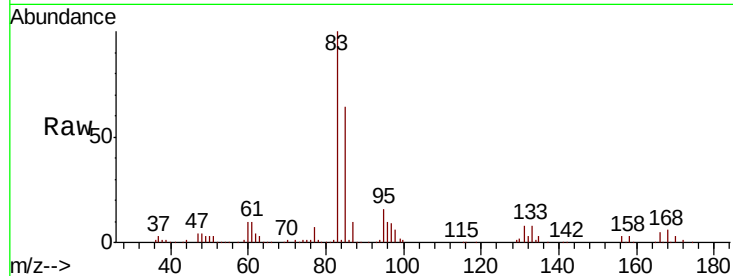
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	95200
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.2	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 43.697 ug/l m

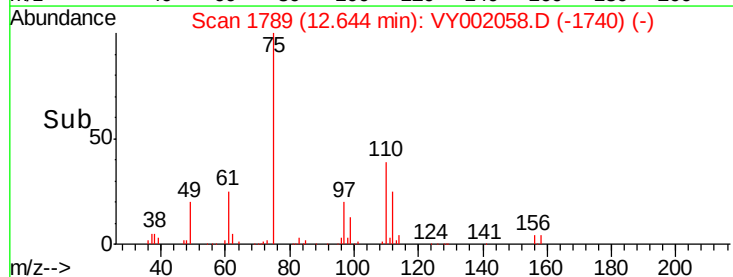
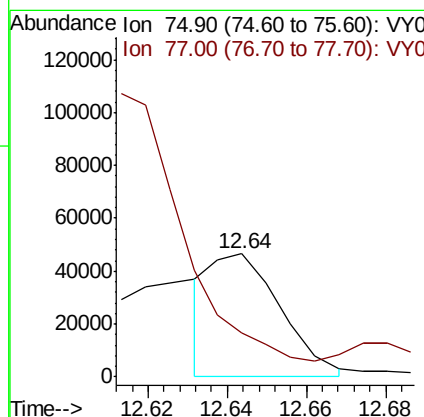
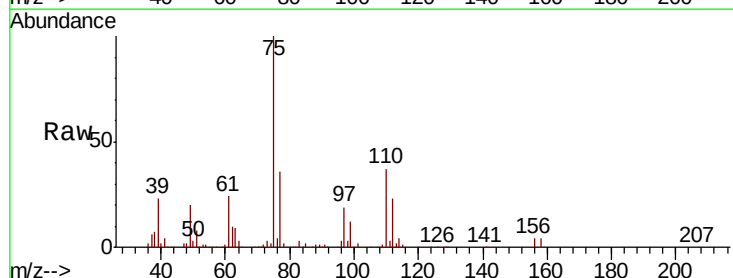
RT: 12.64 min Scan# 1789

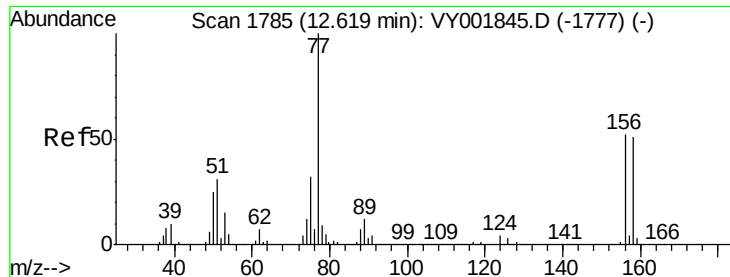
Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	75	Resp:	57567
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.309 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 90339

Ion Ratio Lower Upper

156 100

77 215.6 109.0 327.0

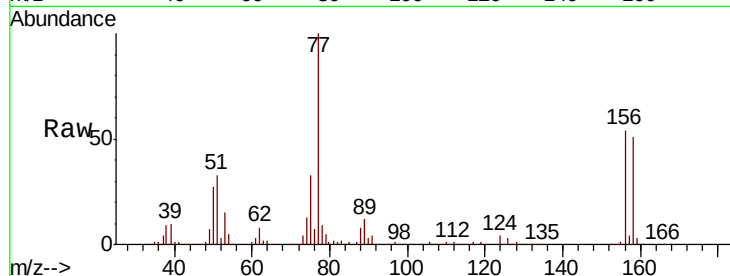
158 97.1 48.9 146.8

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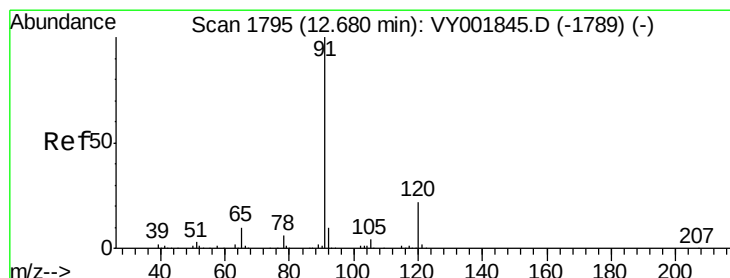
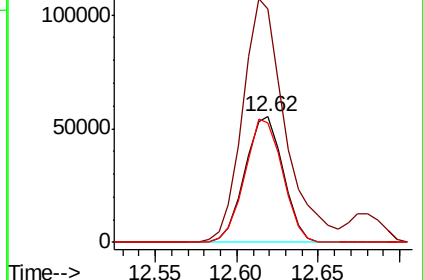
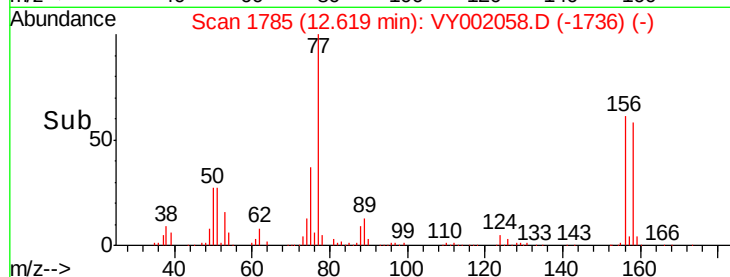
3/25/2020 10:38:03 AM



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: 49.698 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002058.D

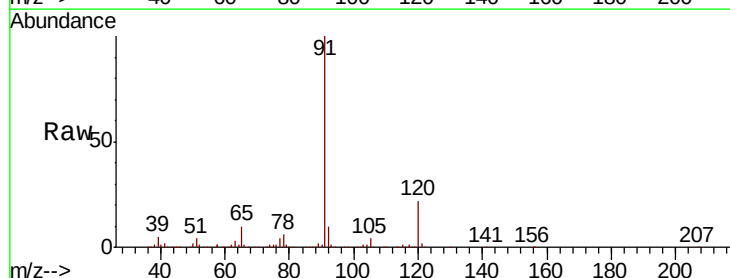
Acq: 24 Mar 2020 18:02

Tgt Ion: 91 Resp: 519658

Ion Ratio Lower Upper

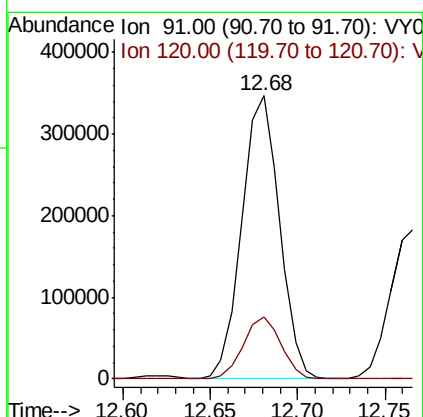
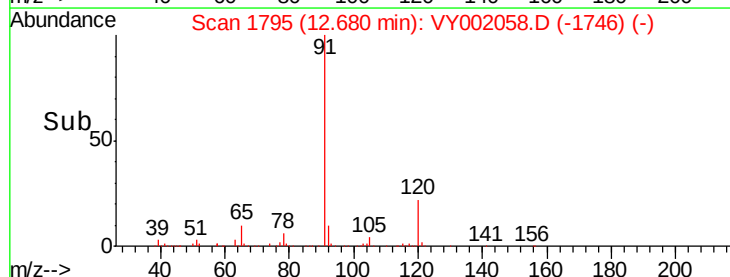
91 100

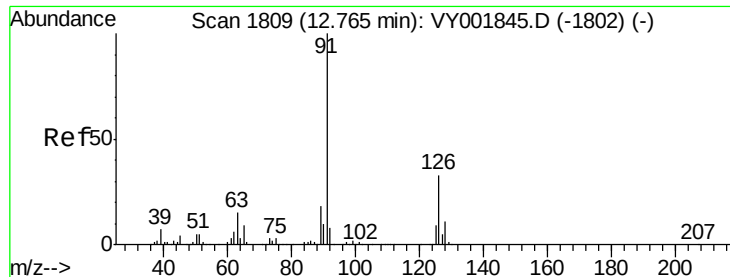
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.419 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 285489

Ion Ratio Lower Upper

91 100

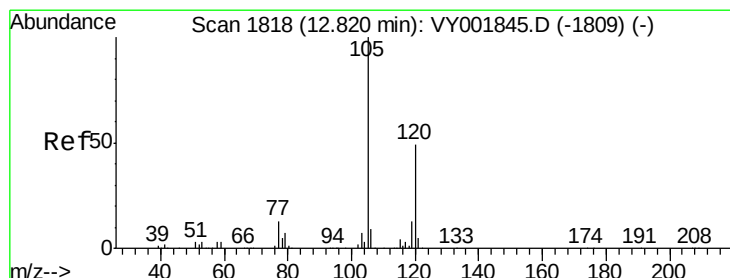
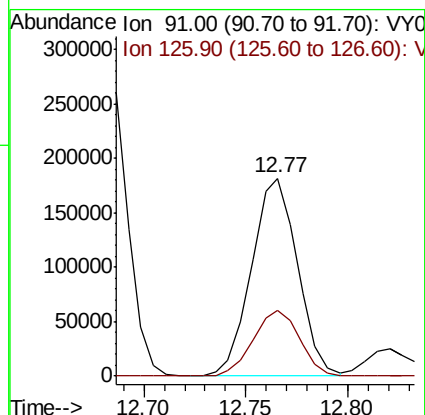
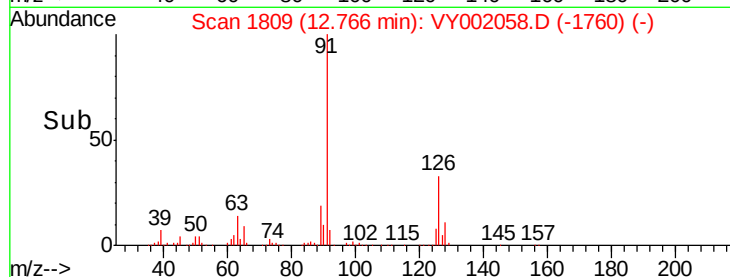
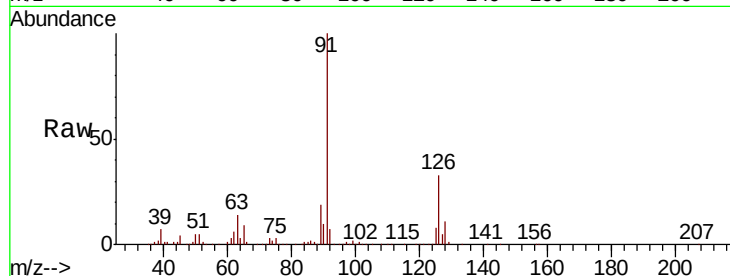
126 33.4 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.281 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002058.D

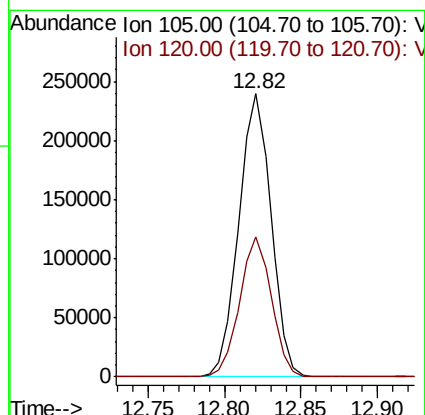
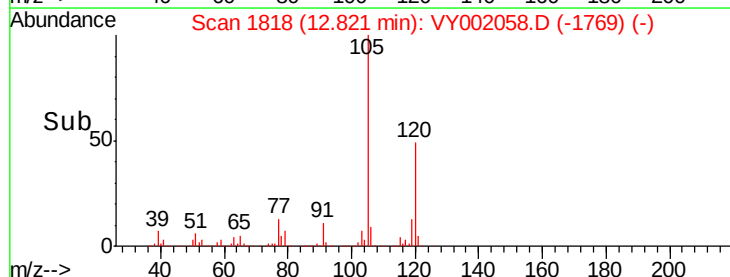
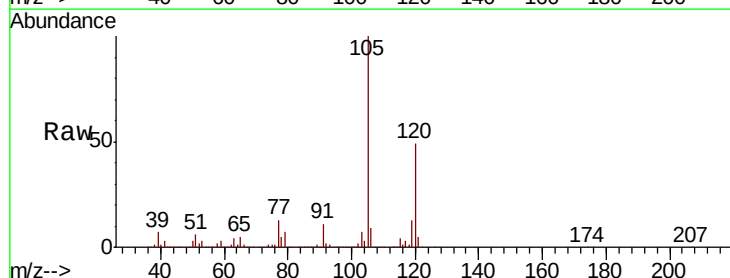
Acq: 24 Mar 2020 18:02

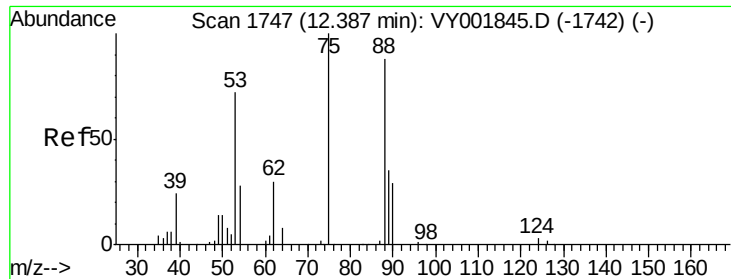
Tgt Ion: 105 Resp: 350833

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.391 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

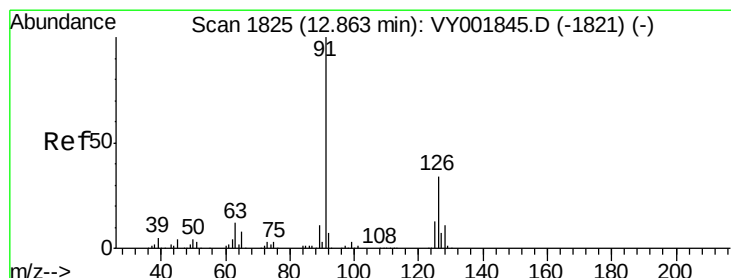
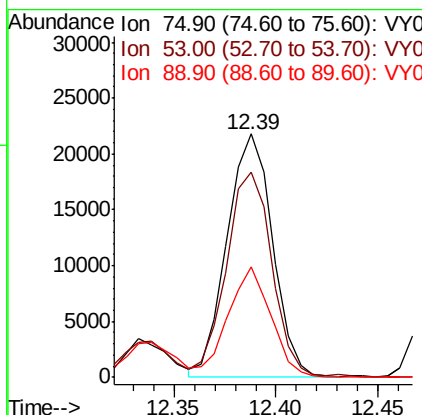
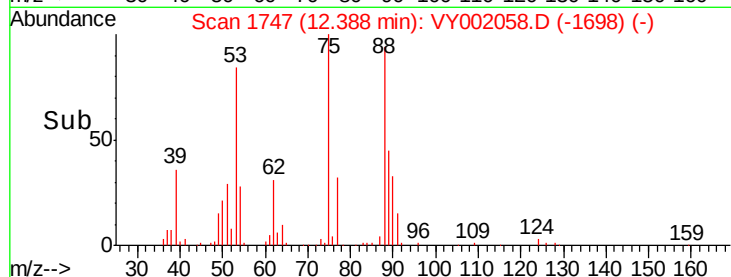
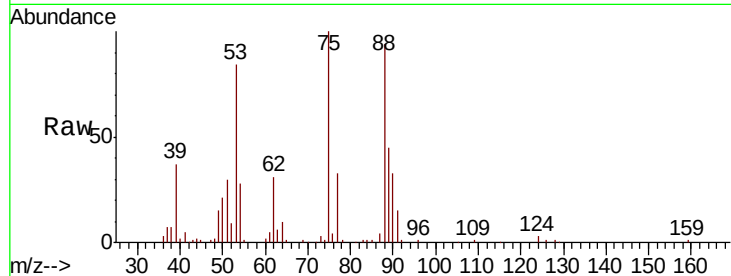
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	33517
Ion Ratio	Lower	Upper	
75	100		
53	85.6	65.4	98.0
89	43.3	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.307 ug/l

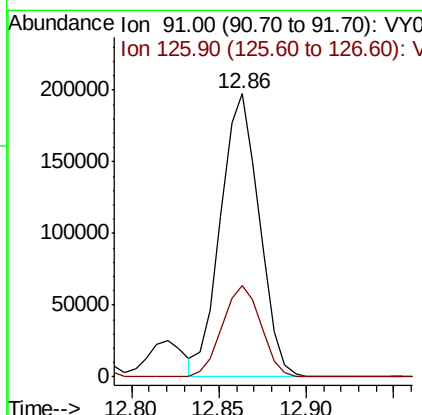
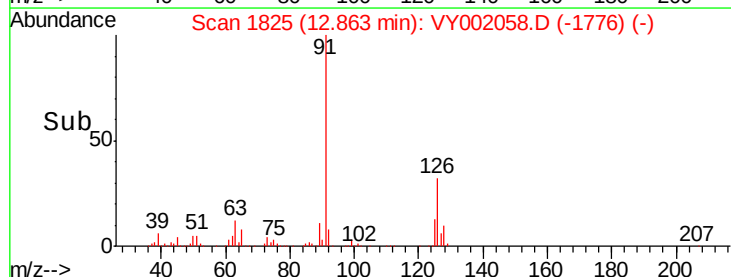
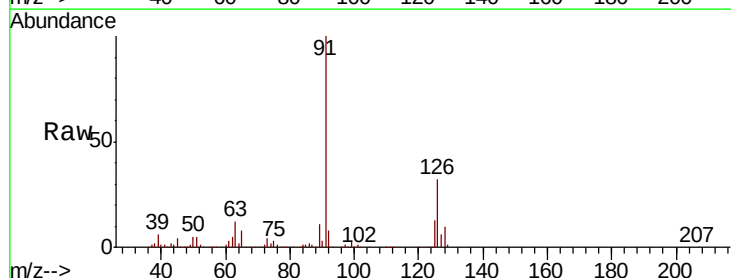
RT: 12.86 min Scan# 1825

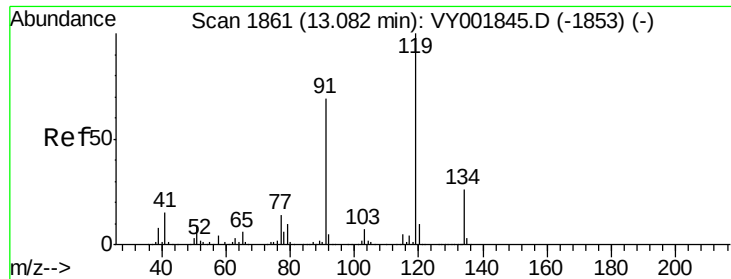
Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	91	Resp:	302590
Ion Ratio	Lower	Upper	
91	100		
126	32.6	16.4	49.2





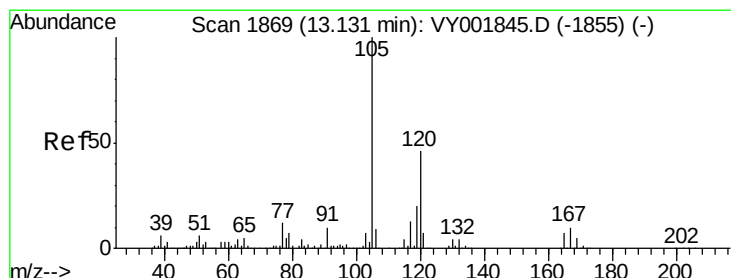
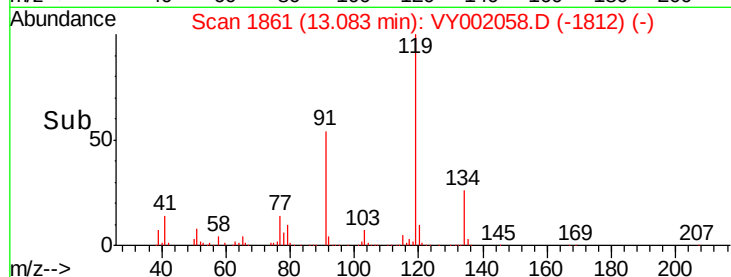
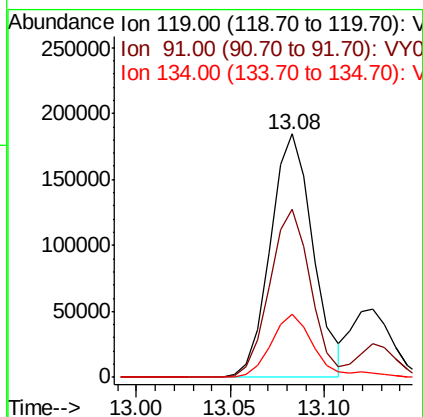
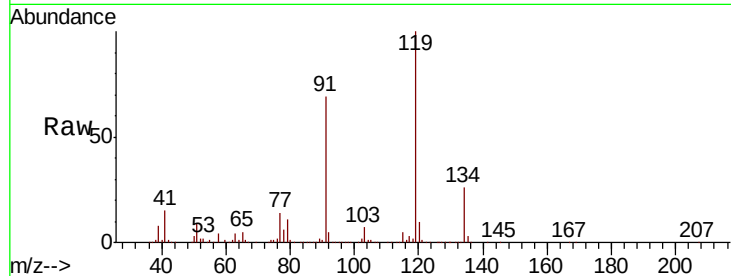
#83
tert-Butylbenzene
Concen: 50.119 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	34.0	101.8
134	26.4	13.5	40.4

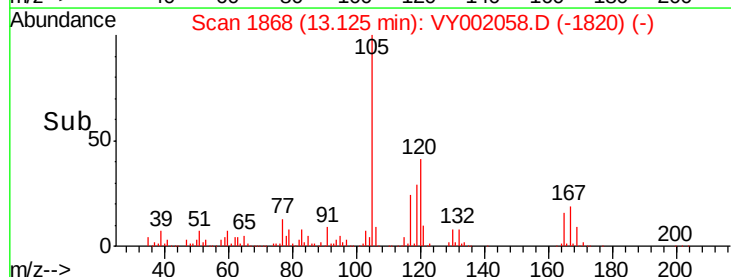
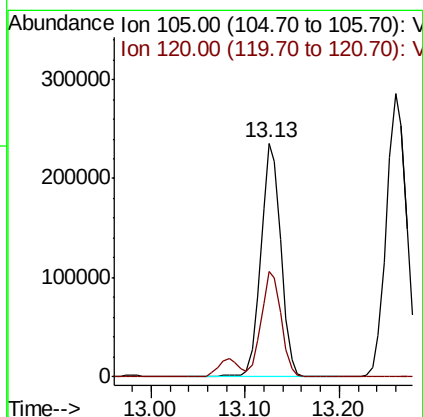
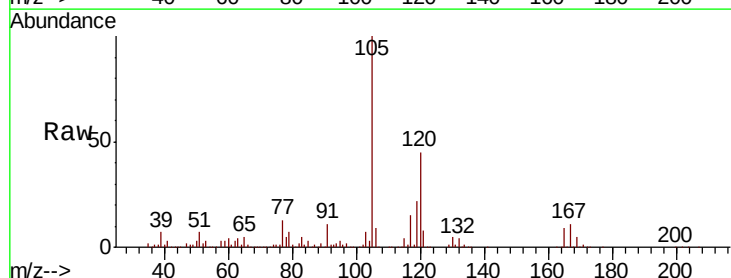
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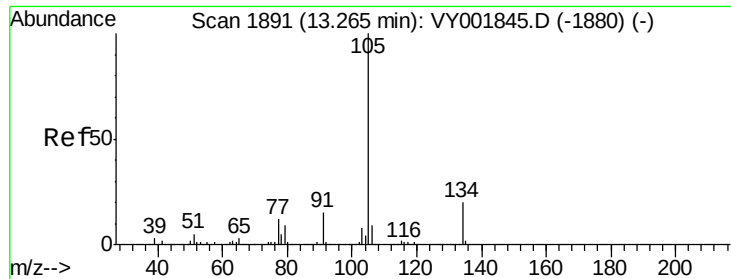
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#84
1,2,4-Trimethylbenzene
Concen: 50.942 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 49.746 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 424940

Ion Ratio Lower Upper

105 100

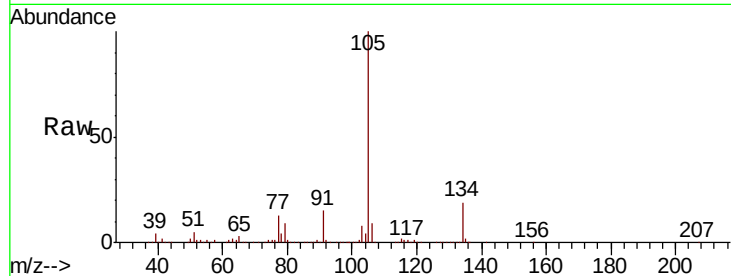
134 19.3 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

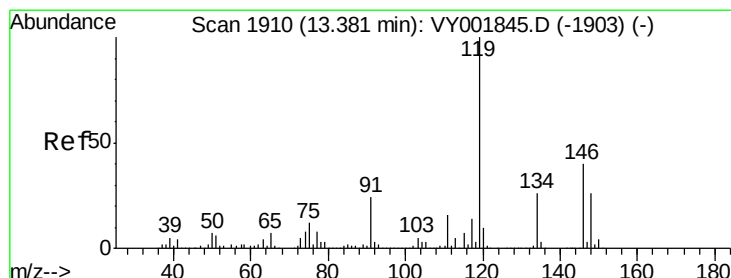
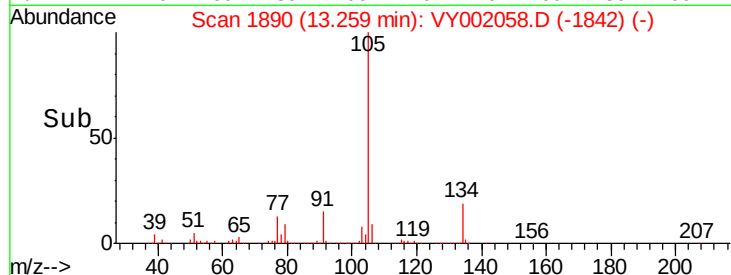
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.670 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

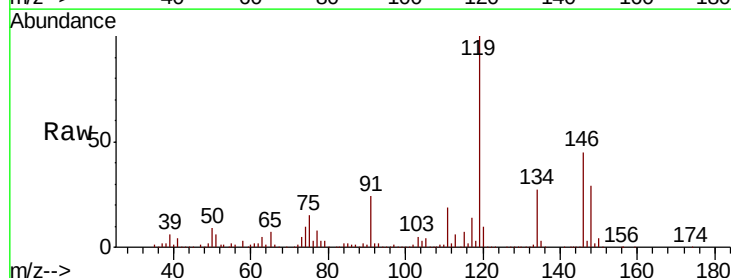
Tgt Ion:119 Resp: 366008

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.8 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

13.38

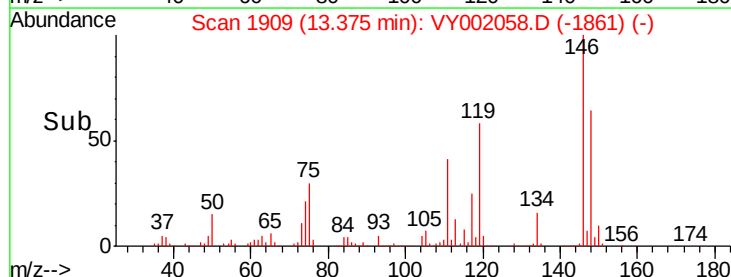
300000

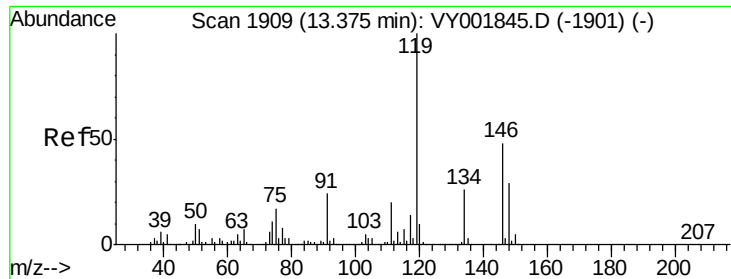
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.688 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

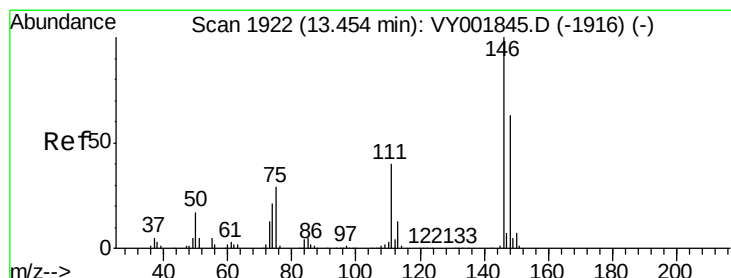
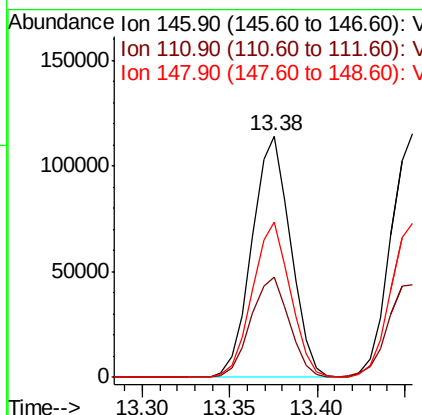
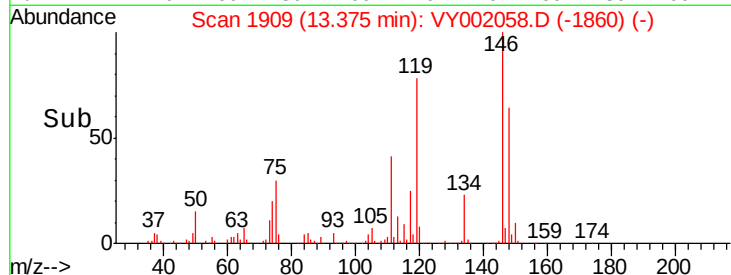
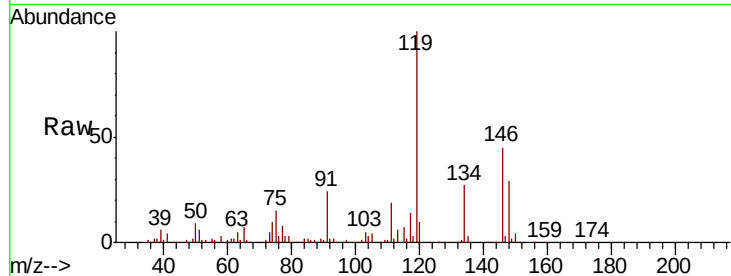
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.4	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 49.102 ug/l

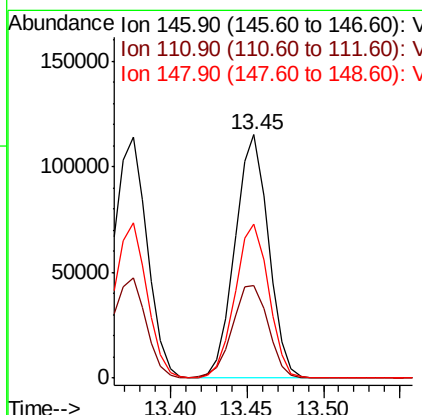
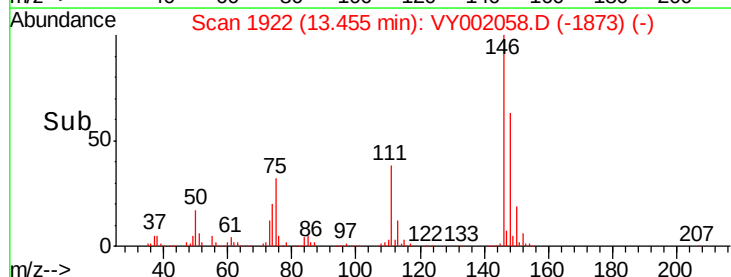
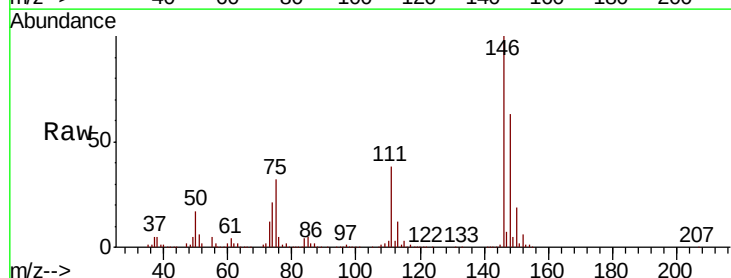
RT: 13.45 min Scan# 1922

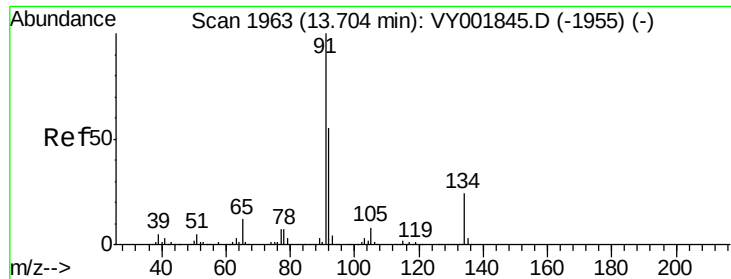
Delta R.T. 0.00 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.6	31.5	94.5





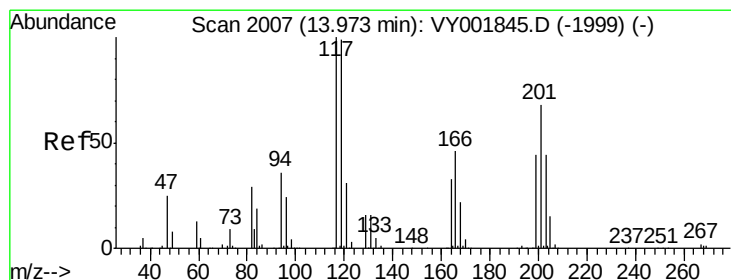
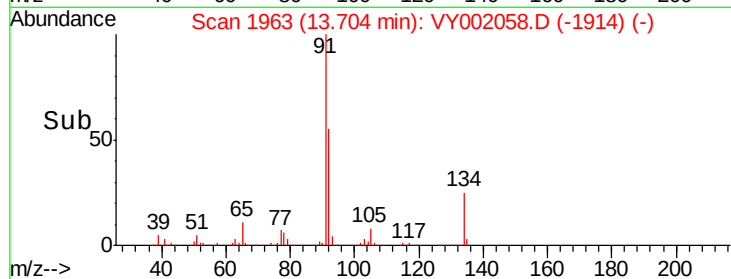
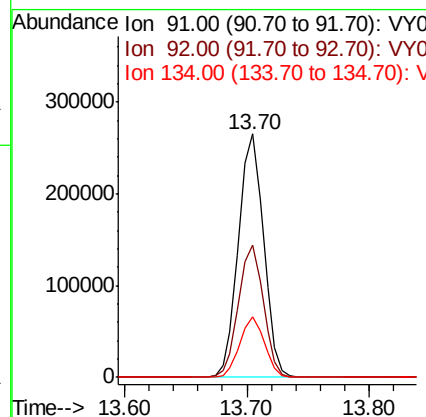
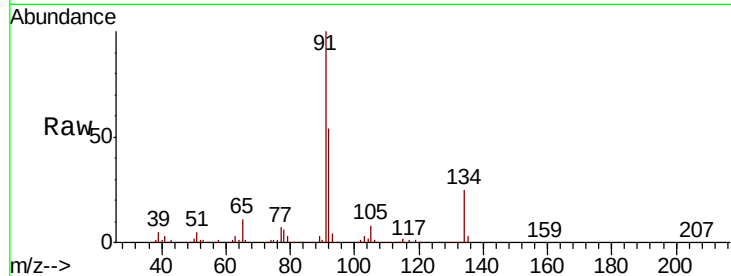
#89
n-Butylbenzene
Concen: 49.317 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.5	82.4
134	24.5	12.5	37.5

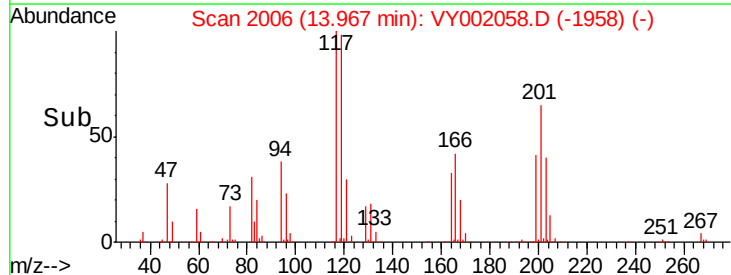
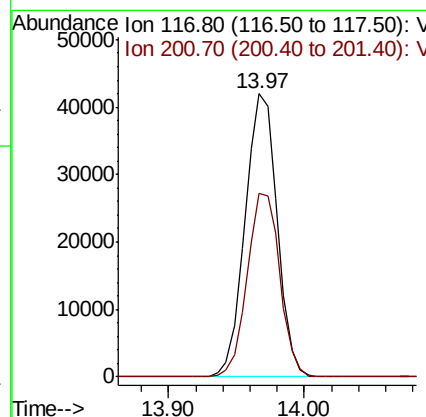
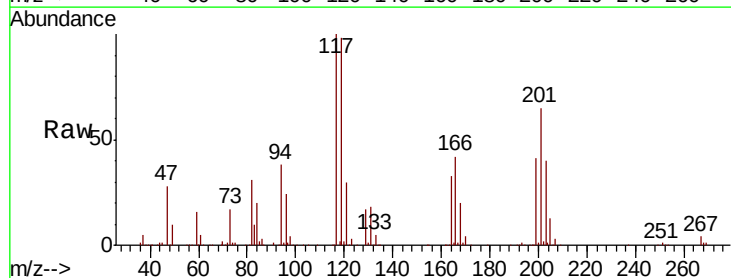
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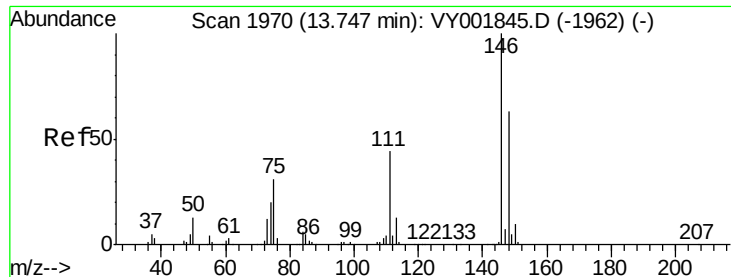
apatel
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#90
Hexachloroethane
Concen: 49.868 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002058.D
Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	32.5	97.5





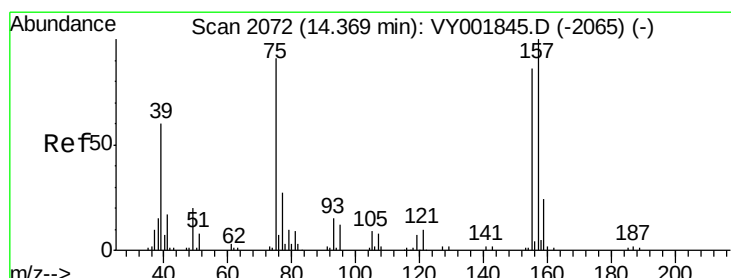
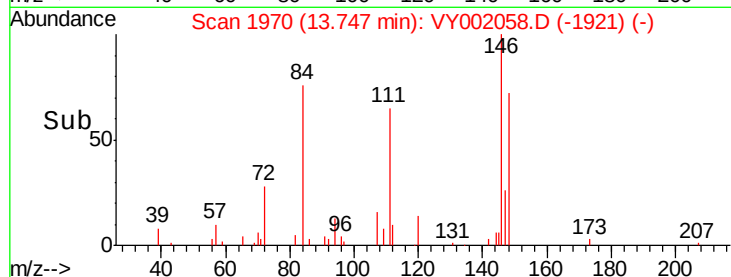
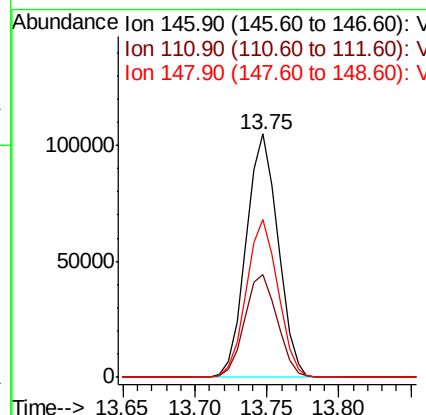
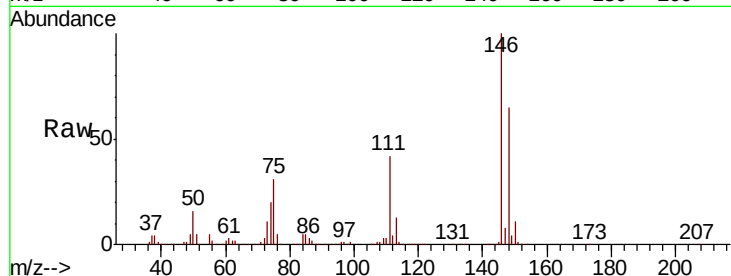
#91
 1,2-Dichlorobenzene
 Concen: 50.423 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	64.1	32.0	96.0

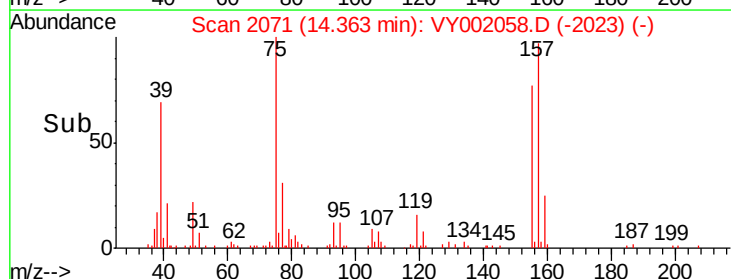
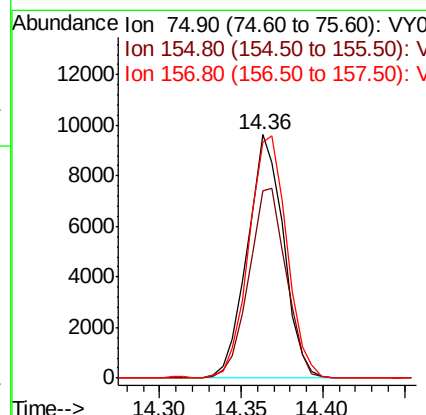
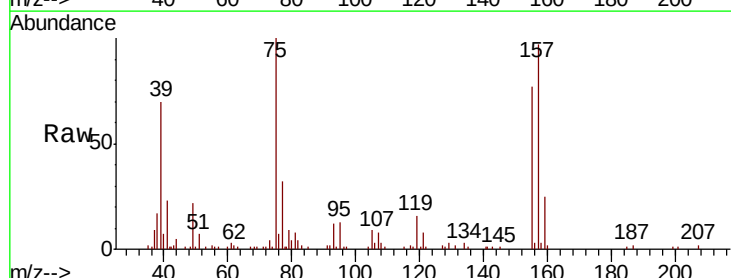
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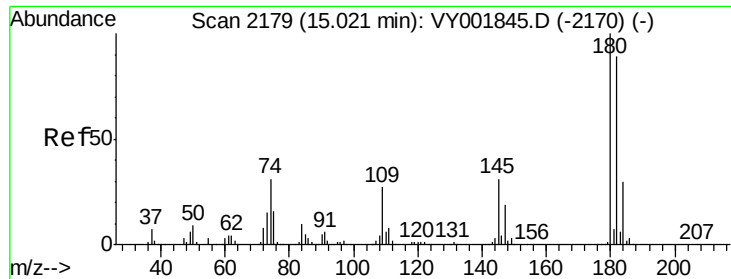
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.096 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	42.9	128.7
157	104.3	53.1	159.4





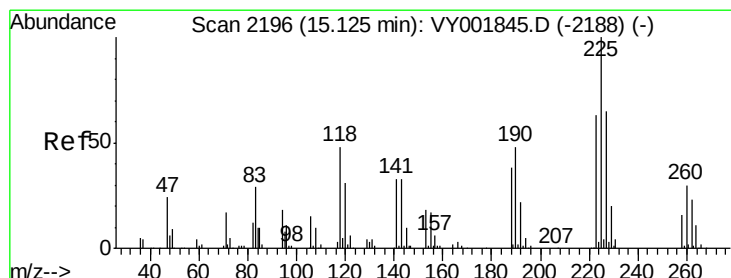
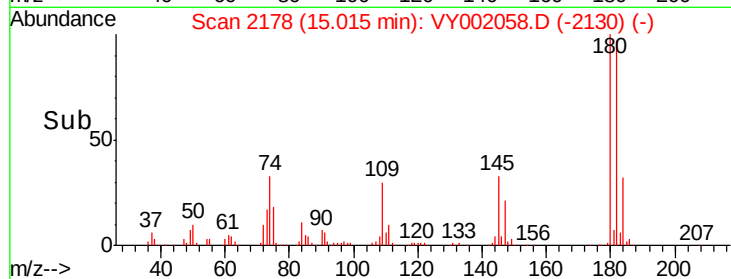
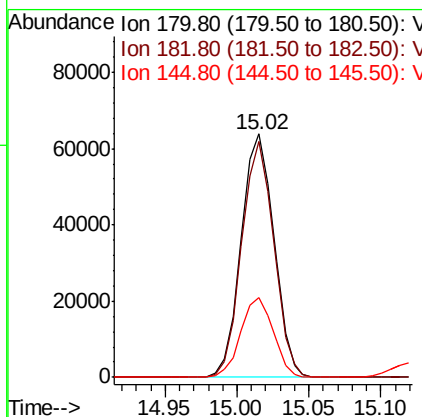
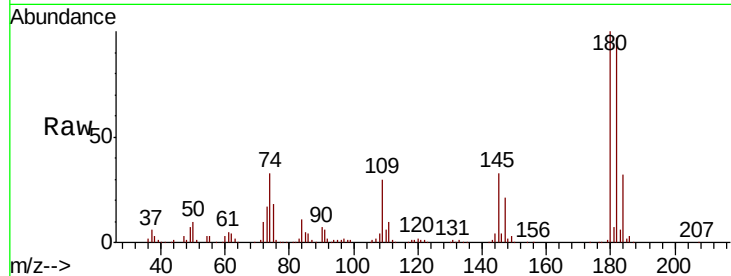
#93
 1,2,4-Trichlorobenzene
 Concen: 48.602 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.1	138.3
145	32.8	15.6	46.8

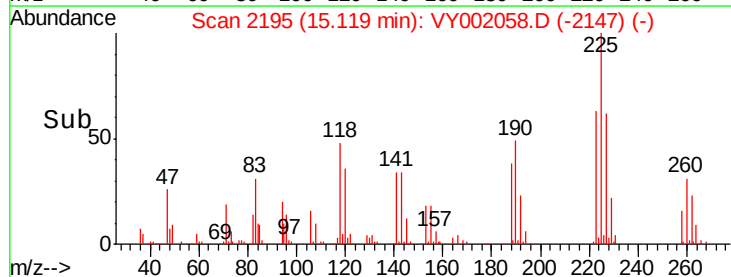
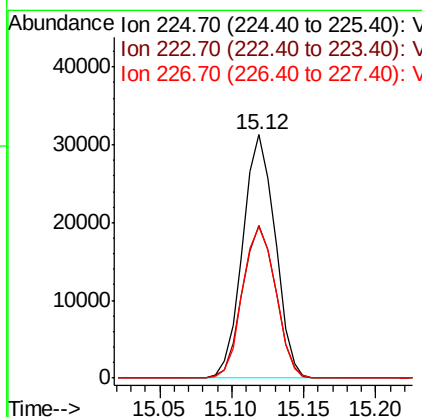
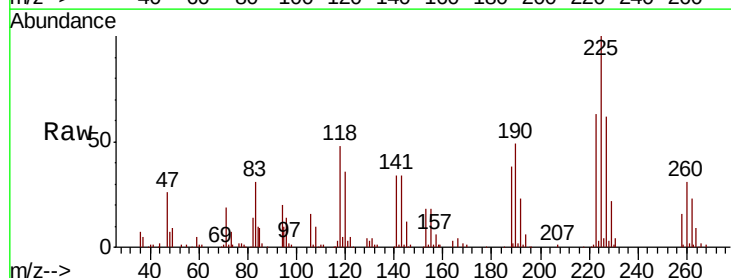
Manual Integrations
 APPROVED

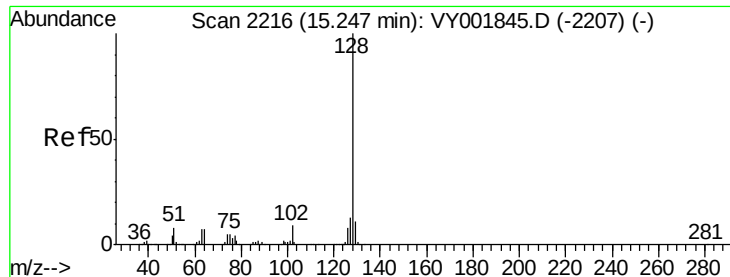
apatel
 3/25/2020 10:38:03 AM



#94
 Hexachlorobutadiene
 Concen: 48.415 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002058.D
 Acq: 24 Mar 2020 18:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.5	94.5
227	63.6	31.9	95.5





#95

Naphthalene

Concen: 50.480 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Instrument :

MSVOA_Y

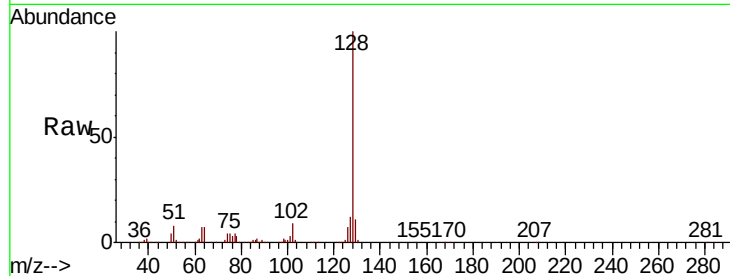
ClientSampleId :

VSTDCCC050EC

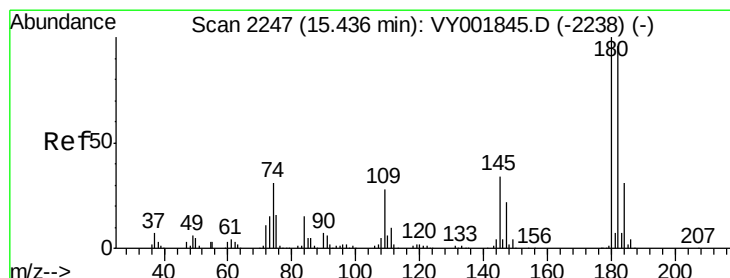
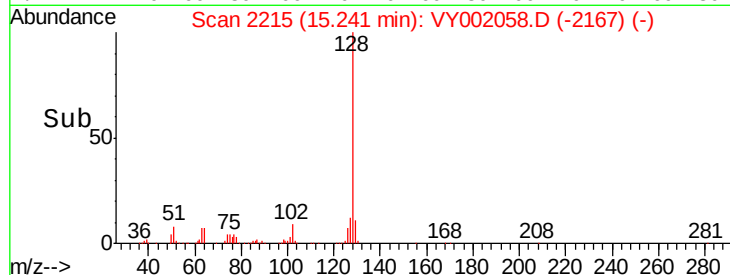
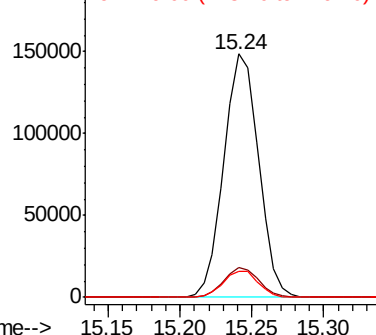
Tot Ion:	128	Resp:	248233
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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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: 49.410 ug/l

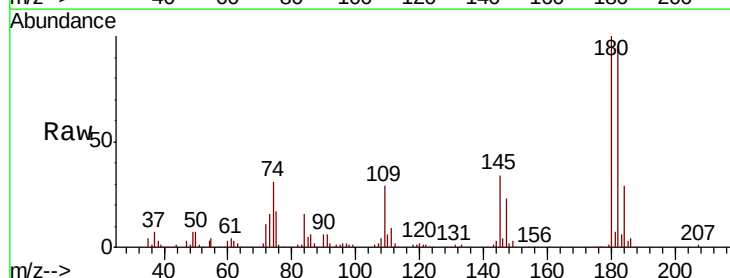
RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002058.D

Acq: 24 Mar 2020 18:02

Tgt Ion:	180	Resp:	90240
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.6	142.9
145	34.7	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

