

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000948.D
 Acq On : 16 Dec 2019 12:14
 Operator : SY/MD
 Sample : VY1216SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Manual Integrations
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 12/17/2019 12:49:50 PM

Quant Time: Dec 17 07:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	519520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	463921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217820	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	157594	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.72	113	154243	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.18	98	629130	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.48	95	218875	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	57468	17.821	ug/l	95
3) Chloromethane	2.12	50	76702	19.296	ug/l	97
4) Vinyl Chloride	2.25	62	72399	18.480	ug/l	96
5) Bromomethane	2.63	94	49204	19.301	ug/l	98
6) Chloroethane	2.79	64	44733	18.623	ug/l	98
7) Trichlorofluoromethane	3.12	101	106640	19.862	ug/l	90
8) Diethyl Ether	3.54	74	43230	21.393	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68323	20.607	ug/l	99
10) Methyl Iodide	4.09	142	74206	17.776	ug/l	97
11) Tert butyl alcohol	4.97	59	33879	105.788	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	68581	20.879	ug/l	97
13) Acrolein	3.74	56	32748	103.807	ug/l	96
14) Allyl chloride	4.49	41	113791	20.204	ug/l	97
15) Acrylonitrile	5.17	53	113991	109.243	ug/l	98
16) Acetone	3.95	43	75952	104.013	ug/l	99
17) Carbon Disulfide	4.19	76	209768	19.746	ug/l	98
18) Methyl Acetate	4.48	43	60326	19.758	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	184334	21.014	ug/l	98
20) Methylene Chloride	4.72	84	88911	23.099	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	79510	21.297	ug/l	98
22) Diisopropyl ether	6.13	45	236903	20.466	ug/l	98
23) Vinyl Acetate	6.07	43	740479	105.224	ug/l	97
24) 1,1-Dichloroethane	6.03	63	131759	20.652	ug/l	100
25) 2-Butanone	7.00	43	138270	102.505	ug/l	95
26) 2,2-Dichloropropane	6.99	77	107642	20.046	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	83099	20.592	ug/l	98
28) Bromochloromethane	7.34	49	30351	14.467	ug/l	98
29) Tetrahydrofuran	7.36	42	97743	109.350	ug/l	99
30) Chloroform	7.52	83	123634	19.317	ug/l	96
31) Cyclohexane	7.79	56	132759	19.643	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	104245	19.725	ug/l	99
36) 1,1-Dichloropropene	7.93	75	102788	19.899	ug/l	98
37) Ethyl Acetate	7.08	43	65029	21.802	ug/l	99
38) Carbon Tetrachloride	7.91	117	91029	19.788	ug/l	98

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Quant Time: Dec 17 07:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	134934	19.716	ug/l	97
40) Benzene	8.17	78	312460	20.766	ug/l	100
41) Methacrylonitrile	7.33	41	34951m	22.233	ug/l	
42) 1,2-Dichloroethane	8.24	62	79381	20.061	ug/l	98
43) Isopropyl Acetate	8.28	43	116610	20.746	ug/l	99
44) Trichloroethene	8.94	130	83063	21.480	ug/l	98
45) 1,2-Dichloropropane	9.22	63	81285	21.507	ug/l	99
46) Dibromomethane	9.31	93	41462	20.996	ug/l	98
47) Bromodichloromethane	9.50	83	96078	20.711	ug/l	99
48) Methyl methacrylate	9.30	41	49664	20.093	ug/l	93
49) 1,4-Dioxane	9.30	88	12855	459.432	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	310751	107.003	ug/l	99
52) Toluene	10.24	92	191981	20.607	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	102756	20.618	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	125232	21.258	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	61915	21.222	ug/l	94
56) Ethyl methacrylate	10.51	69	89138	21.358	ug/l	98
57) 1,3-Dichloropropane	10.79	76	106454	20.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	188543	112.038	ug/l	99
59) 2-Hexanone	10.83	43	215555	101.861	ug/l	99
60) Dibromochloromethane	10.98	129	66721	21.244	ug/l	99
61) 1,2-Dibromoethane	11.08	107	57444	20.892	ug/l	98
64) Tetrachloroethene	10.72	164	87488	21.706	ug/l	95
65) Chlorobenzene	11.52	112	202157	20.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68043	20.938	ug/l	100
67) Ethyl Benzene	11.59	91	371877	20.706	ug/l	98
68) m/p-Xylenes	11.70	106	275622	40.887	ug/l	100
69) o-Xylene	12.03	106	133748	21.280	ug/l	96
70) Styrene	12.04	104	227715	21.159	ug/l	98
71) Bromoform	12.20	173	38392	20.946	ug/l #	100
73) Isopropylbenzene	12.33	105	357965	20.640	ug/l	99
74) N-amyl acetate	12.14	43	101437	21.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	69661	20.385	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59829m	24.243	ug/l	
77) Bromobenzene	12.61	156	77180	20.530	ug/l	99
78) n-propylbenzene	12.67	91	430689	20.338	ug/l	100
79) 2-Chlorotoluene	12.75	91	232726	19.893	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	298548	20.790	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	26337	20.963	ug/l	97
82) 4-Chlorotoluene	12.85	91	247747	20.555	ug/l	99
83) tert-Butylbenzene	13.07	119	246594	20.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	290315	20.208	ug/l	98
85) sec-Butylbenzene	13.25	105	365019	20.789	ug/l	99
86) p-Isopropyltoluene	13.36	119	319406	20.915	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	153214	20.775	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154179	21.114	ug/l	99
89) n-Butylbenzene	13.69	91	324175	20.995	ug/l	100
90) Hexachloroethane	13.95	117	57746	20.526	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	140191	21.133	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12207	21.337	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD01

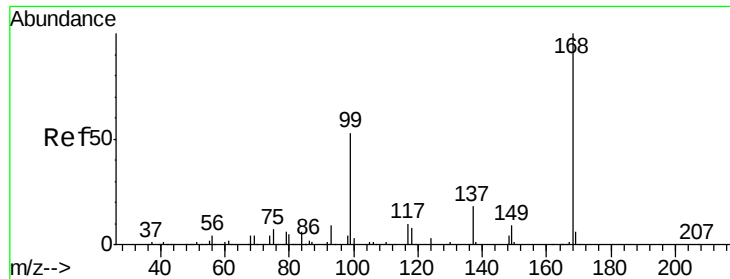
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97843	21.797	ug/l	100
94) Hexachlorobutadiene	15.11	225	48480	21.784	ug/l	99
95) Naphthalene	15.23	128	231717	22.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89261	22.262	ug/l	98

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



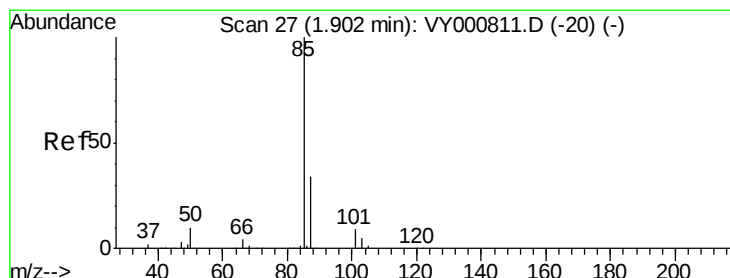
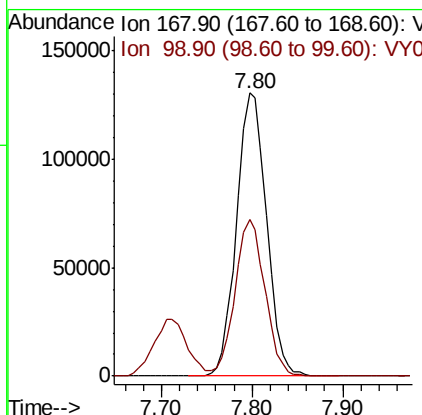
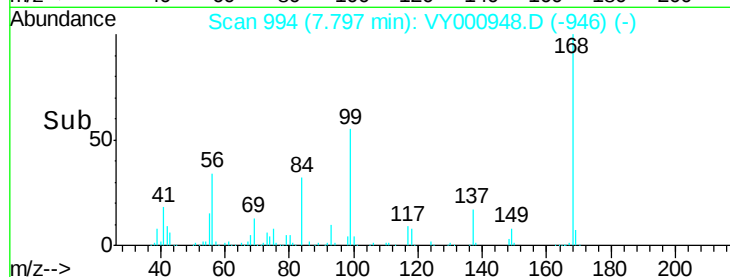
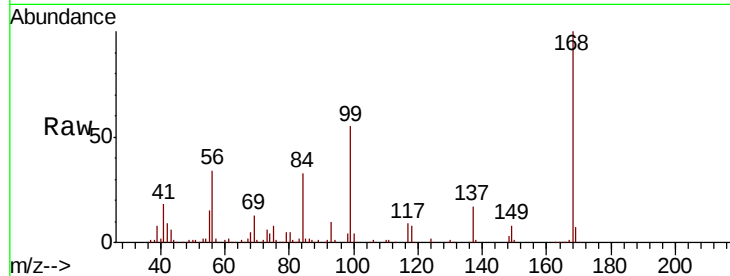
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.0	67.6

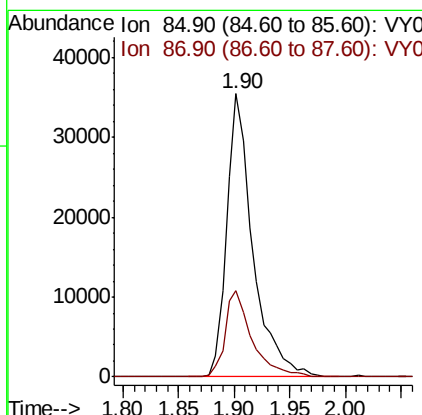
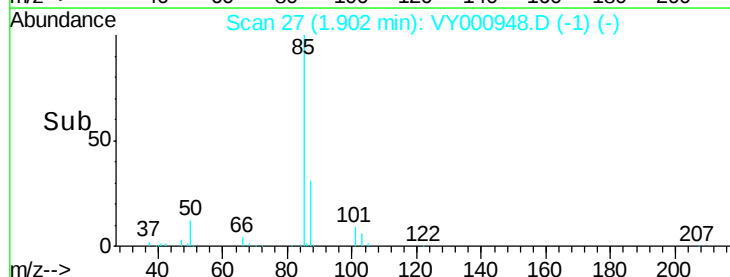
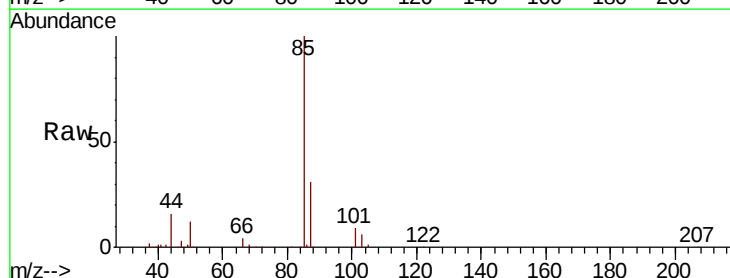
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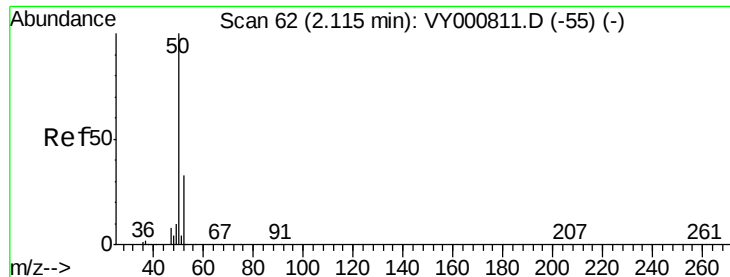
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#2
 Dichlorodifluoromethane
 Concen: 17.821 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.8	50.3





#3

Chloromethane

Concen: 19.296 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 50 Resp: 76702

Ion Ratio Lower Upper

50 100

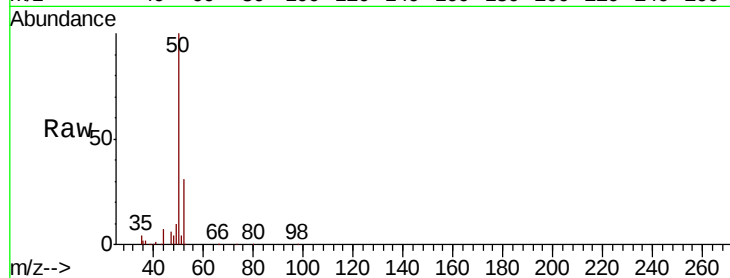
52 30.9 26.0 39.0

Manual Integrations

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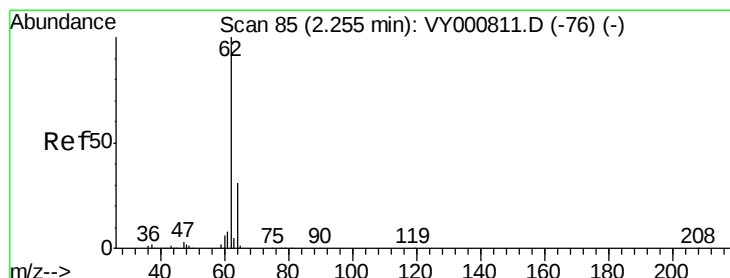
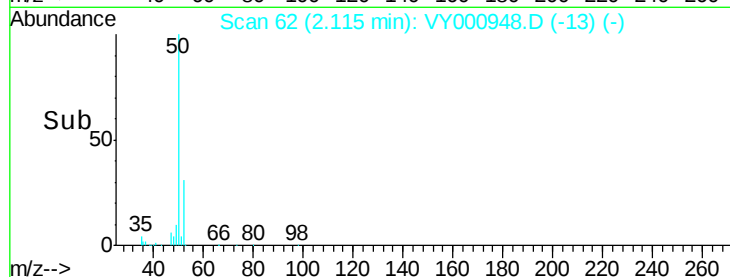
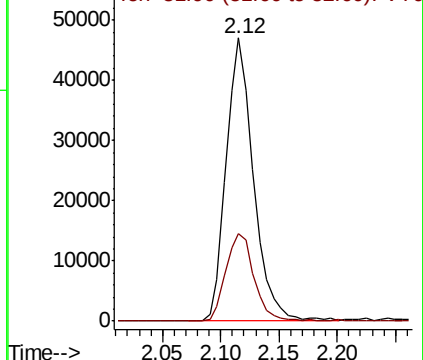
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.480 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000948.D

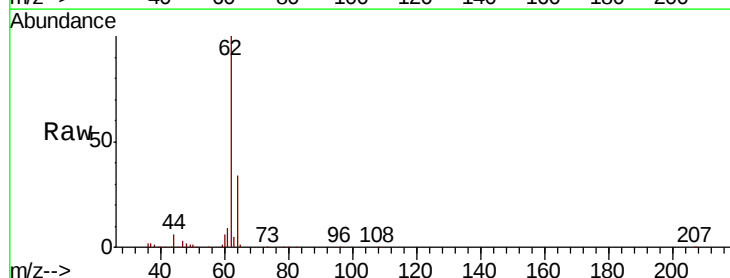
Acq: 16 Dec 2019 12:14

Tgt Ion: 62 Resp: 72399

Ion Ratio Lower Upper

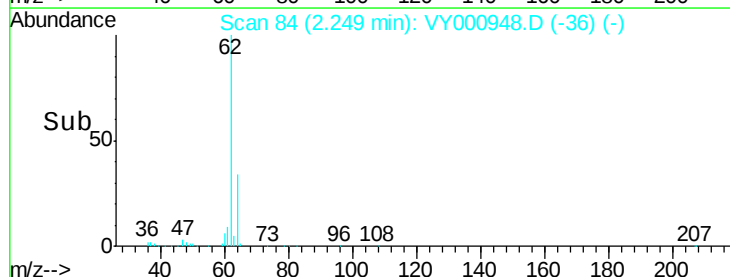
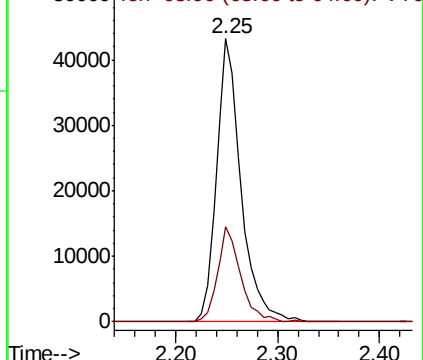
62 100

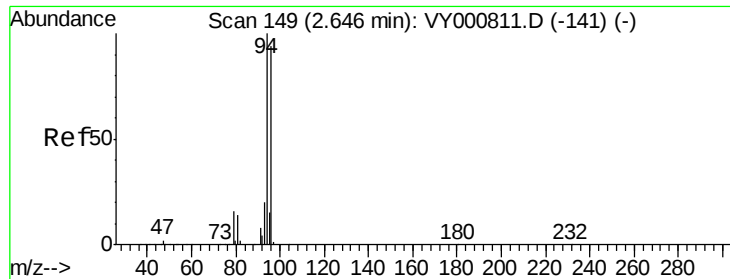
64 33.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.301 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 94 Resp: 49204

Ion Ratio Lower Upper

94 100

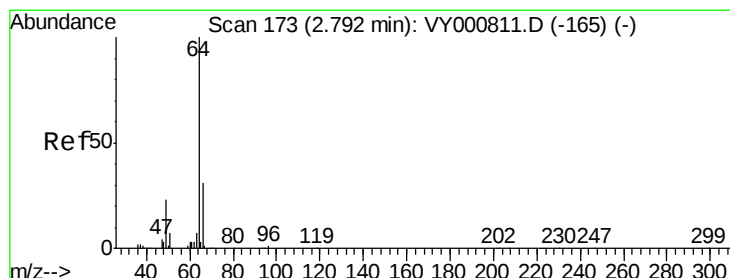
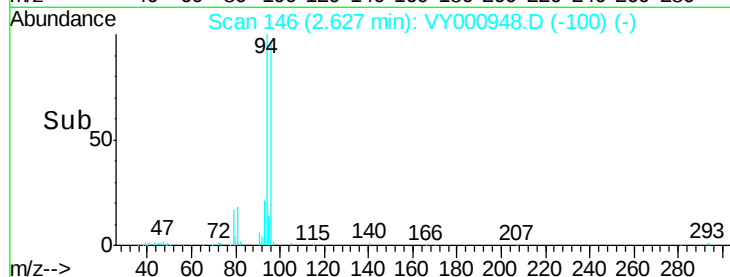
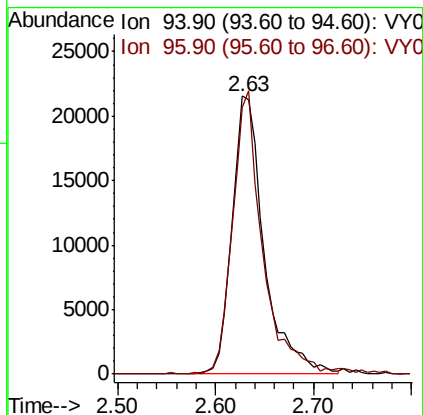
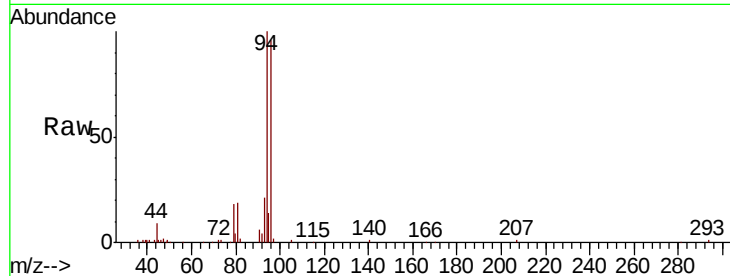
96 96.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 18.623 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000948.D

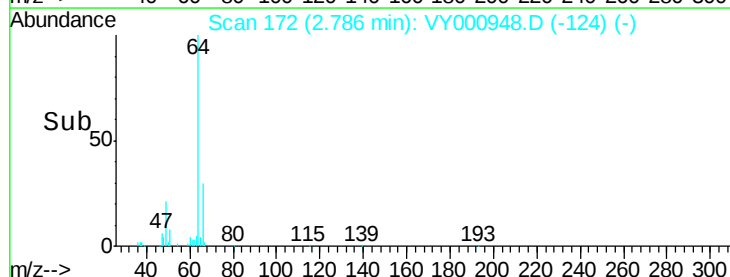
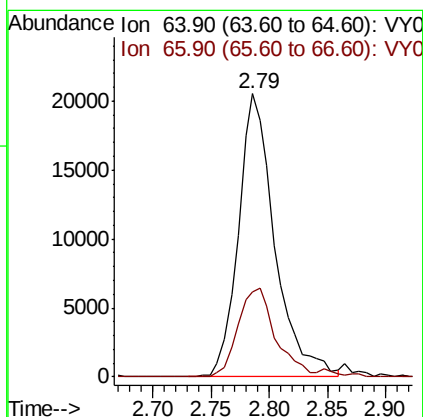
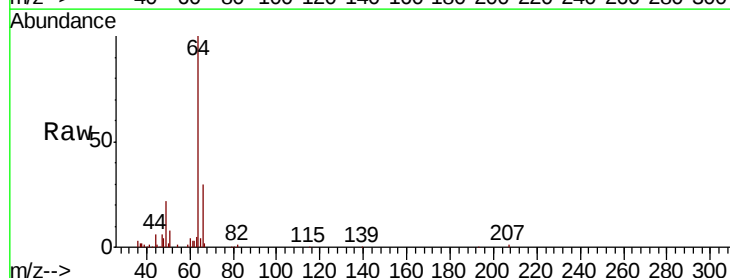
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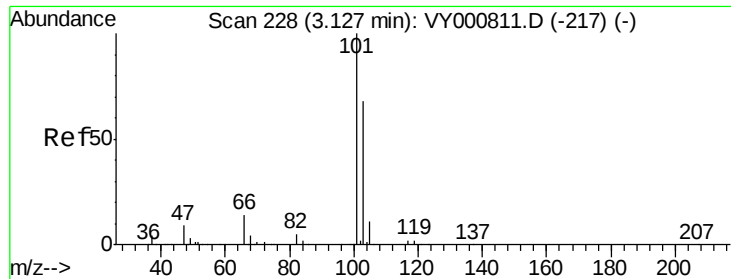
Tgt Ion: 64 Resp: 44733

Ion Ratio Lower Upper

64 100

66 30.1 25.0 37.4





#7

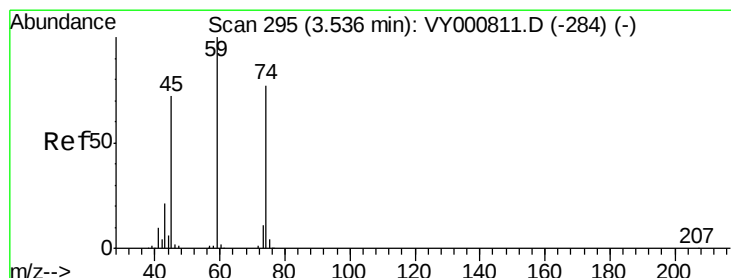
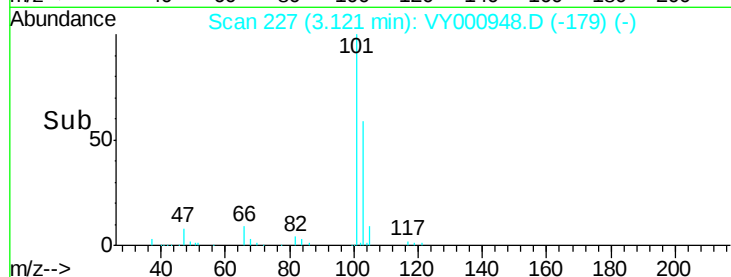
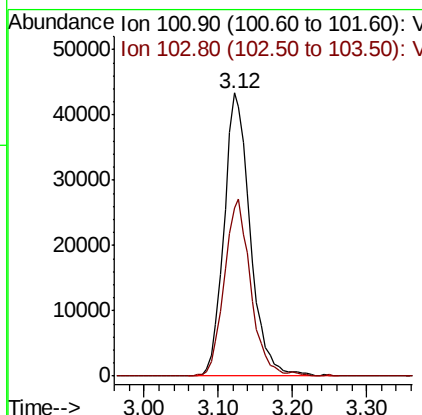
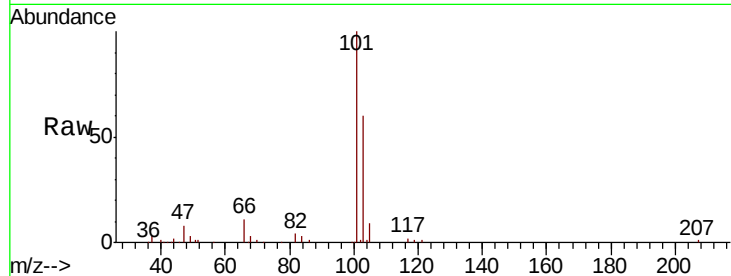
Trichlorofluoromethane
 Concen: 19.862 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	106640		
103	59.6		54.2	81.2

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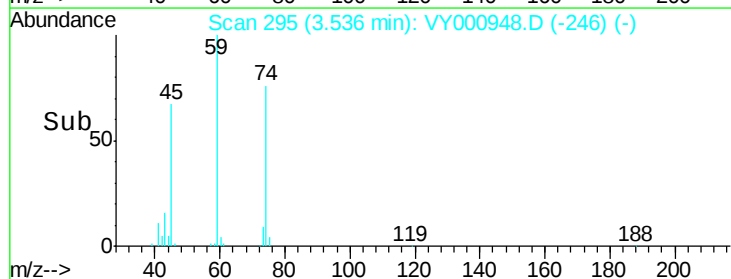
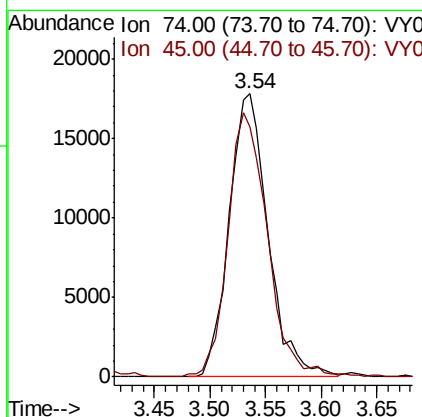
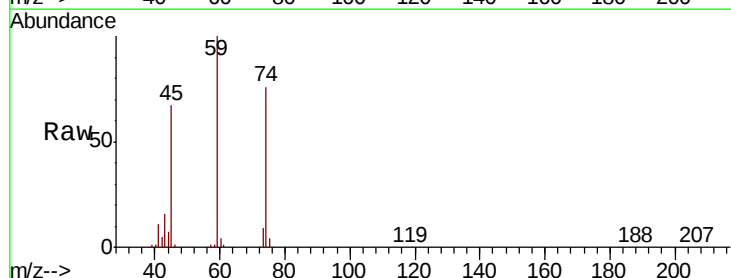
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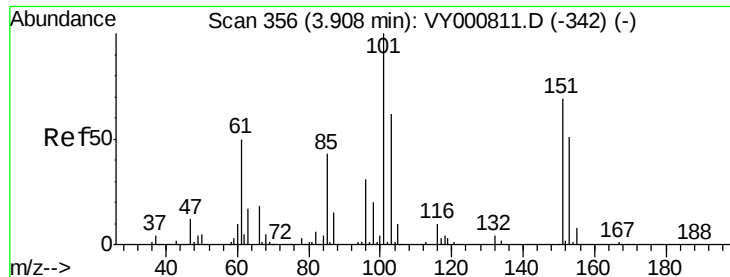


#8

Diethyl Ether
 Concen: 21.393 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43230		
45	94.9		49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.607 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

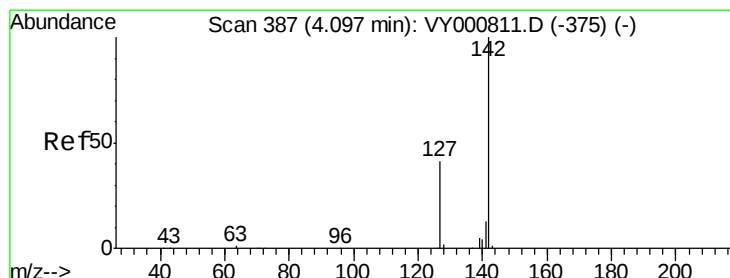
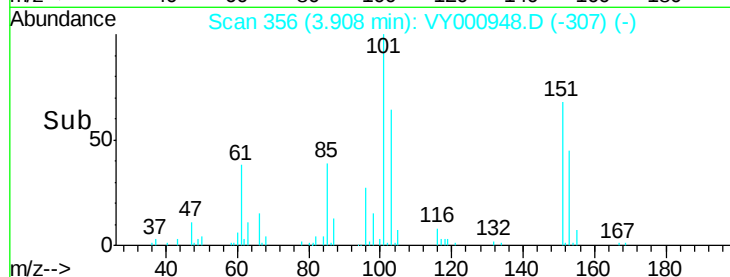
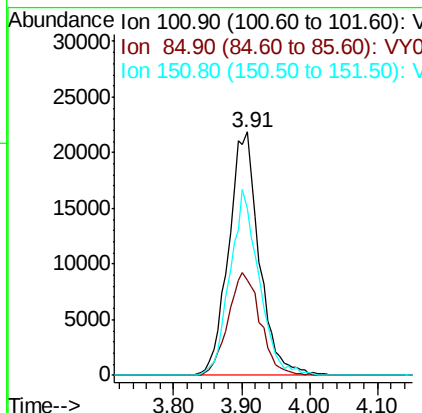
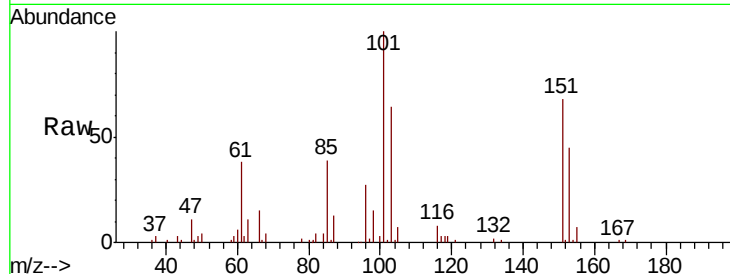
ClientSampleId :

VY1216SBS01

Tot Ion:	101	Resp:	68323
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	72.4	58.2	87.2

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#10

Methyl Iodide

Concen: 17.776 ug/l

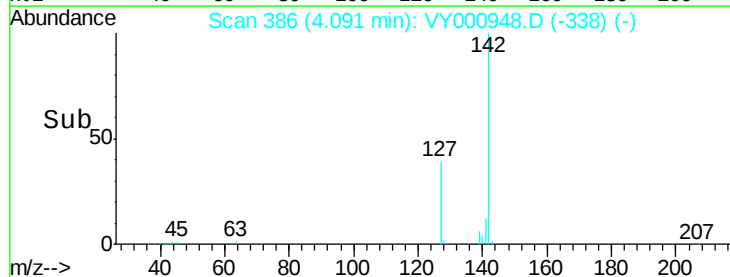
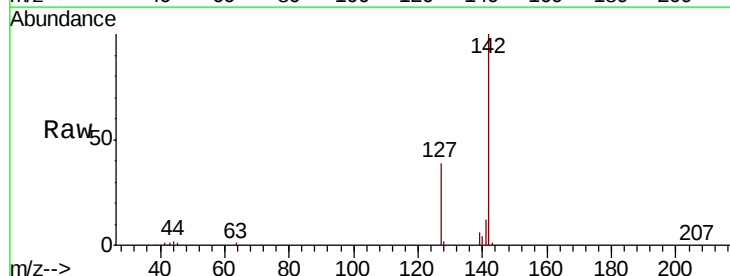
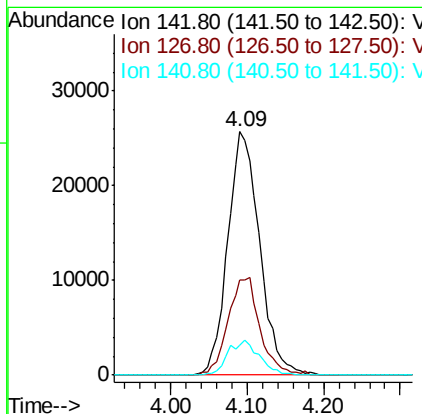
RT: 4.09 min Scan# 386

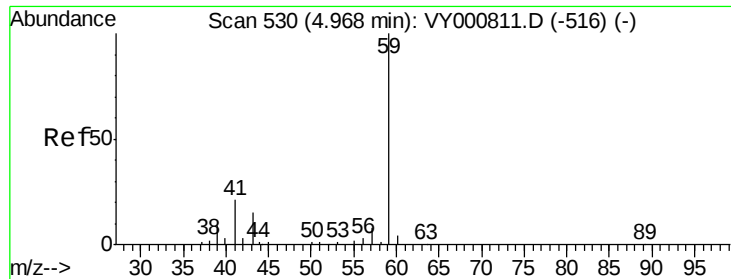
Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	142	Resp:	74206
Ion Ratio	Lower	Upper	
142	100		
127	40.0	33.8	50.8
141	14.0	10.9	16.3





#11

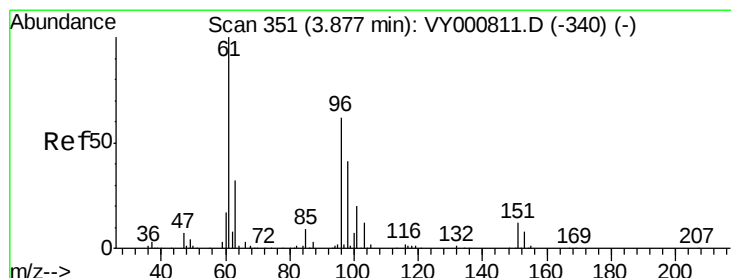
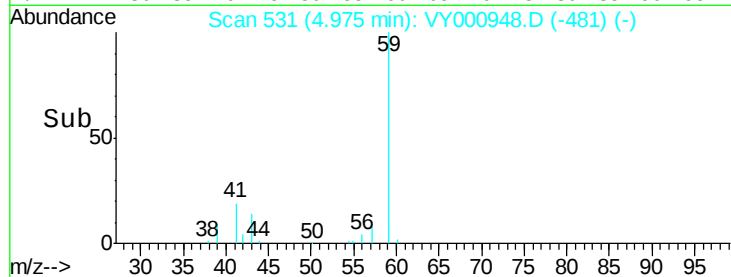
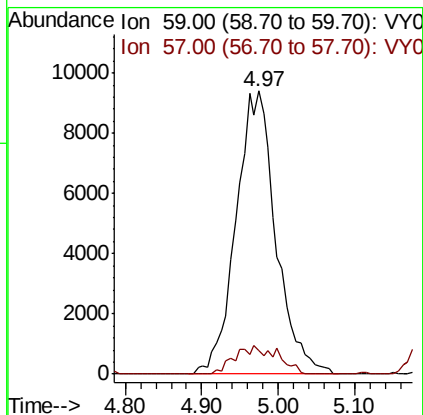
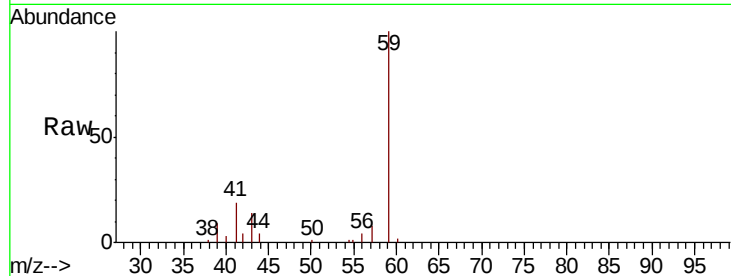
Tert butyl alcohol
Concen: 105.788 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	7.8	11.6#

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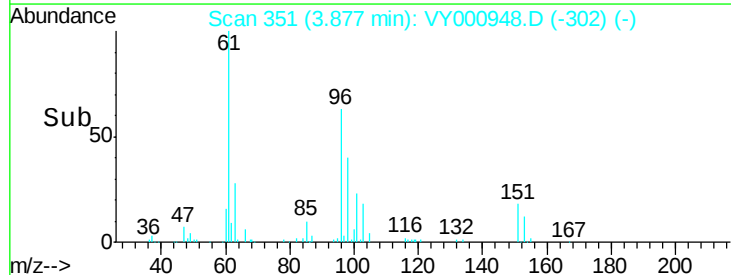
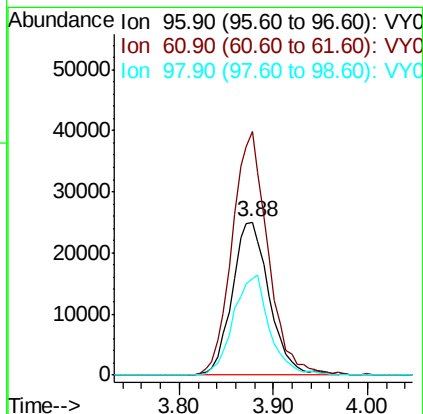
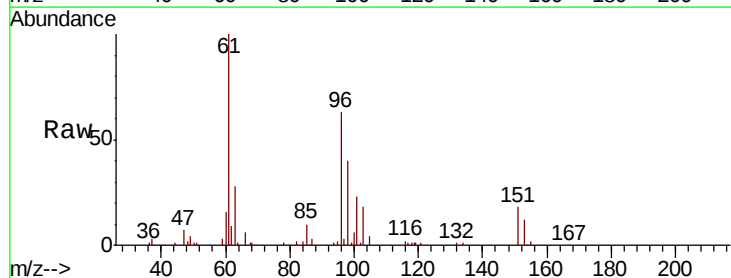
apatel
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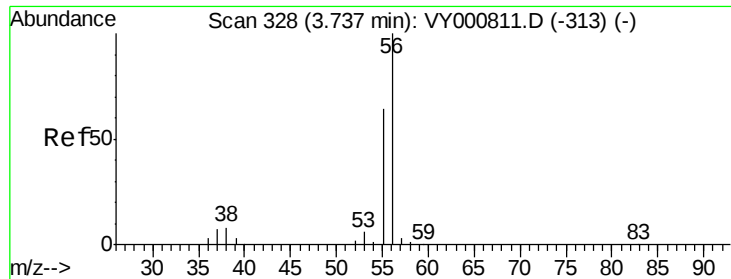


#12

1,1-Dichloroethene
Concen: 20.879 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	129.4	194.2
98	63.4	53.4	80.0





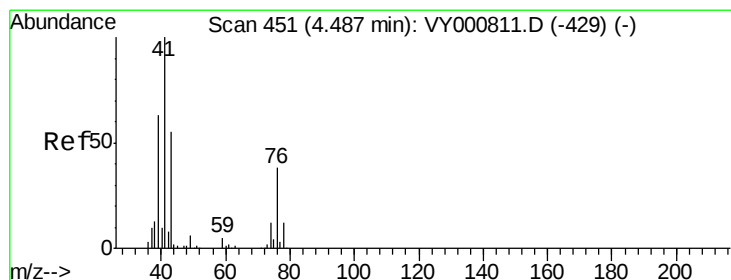
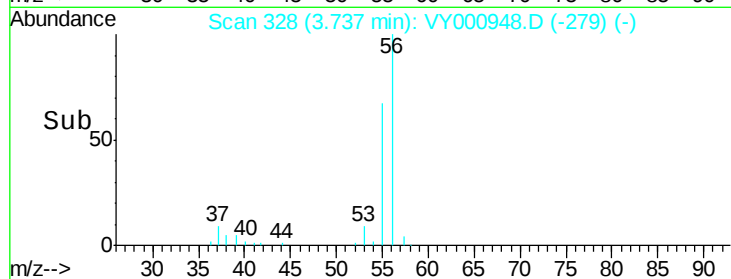
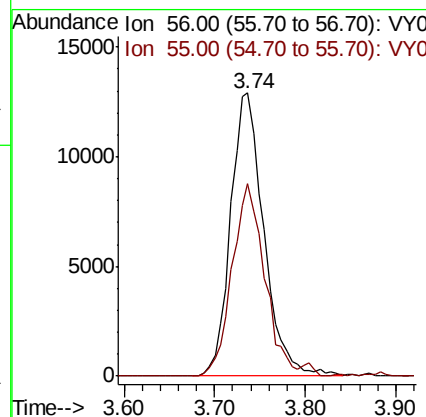
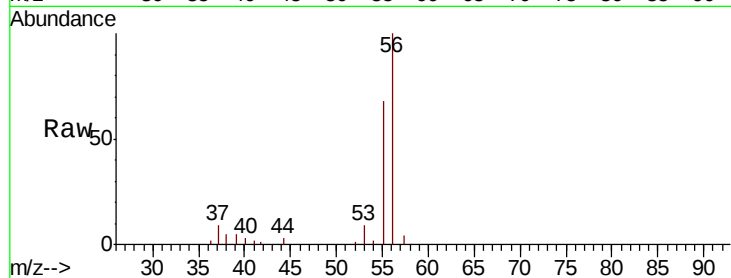
#13
Acrolein
Concen: 103.807 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	56	Resp	32748
Ion Ratio	100	Lower	Upper
55	66.4	55.7	83.5

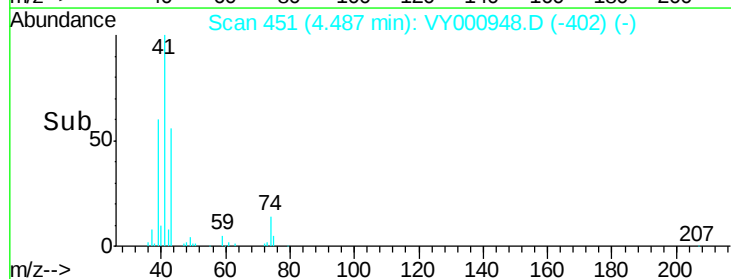
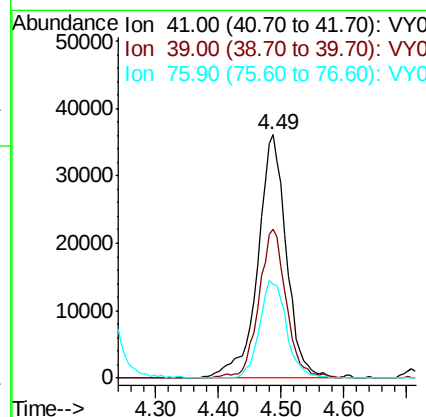
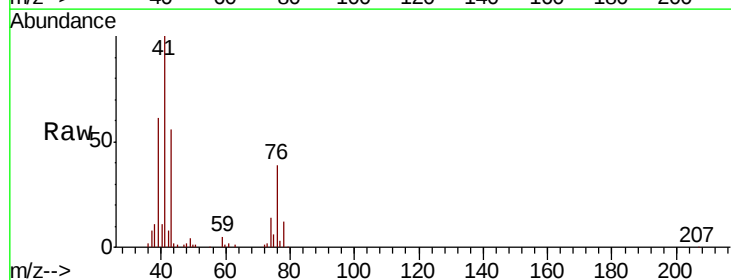
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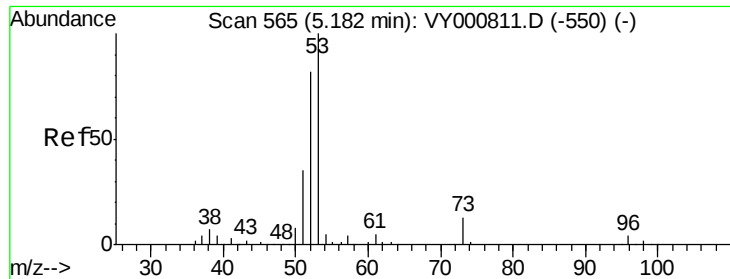
apatel
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#14
Allyl chloride
Concen: 20.204 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	41	Resp	113791
Ion Ratio	100	Lower	Upper
39	59.2	49.2	73.8
76	37.9	29.2	43.8





#15

Acrylonitrile

Concen: 109.243 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

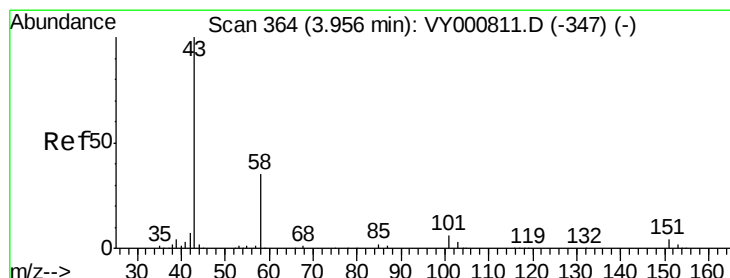
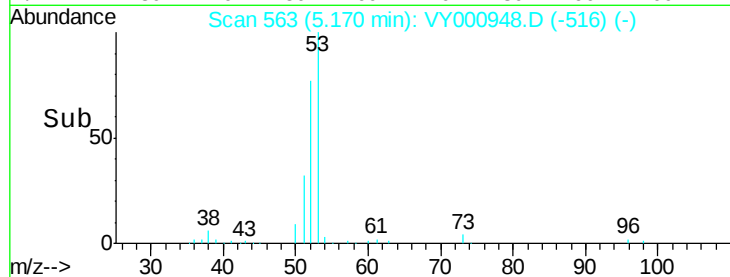
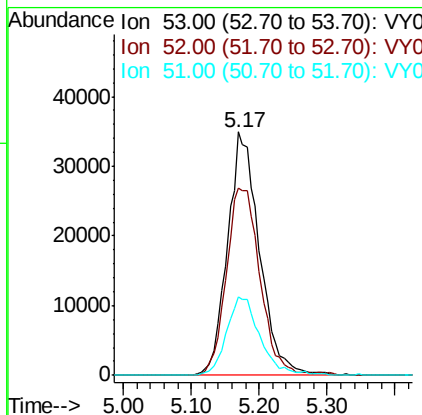
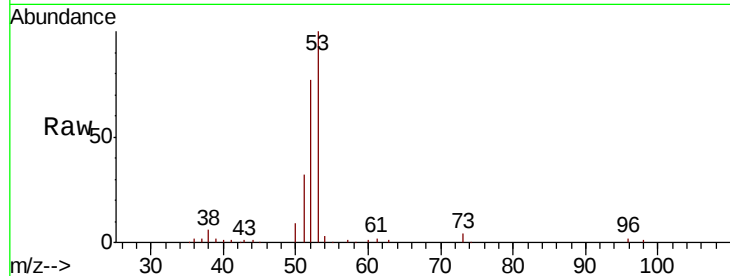
ClientSampleId :

VY1216SBS01

Tot Ion:	53	Resp:	113991
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.1	97.7
51	33.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 104.013 ug/l

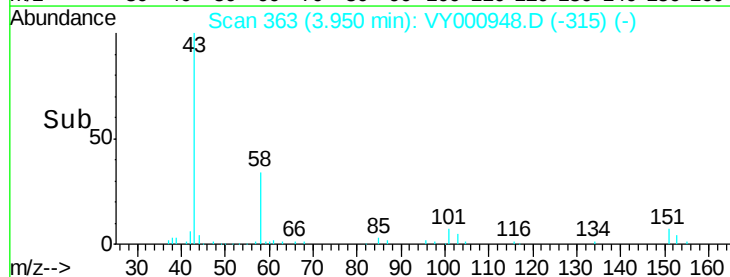
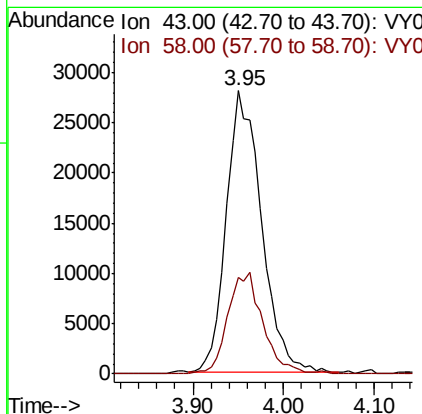
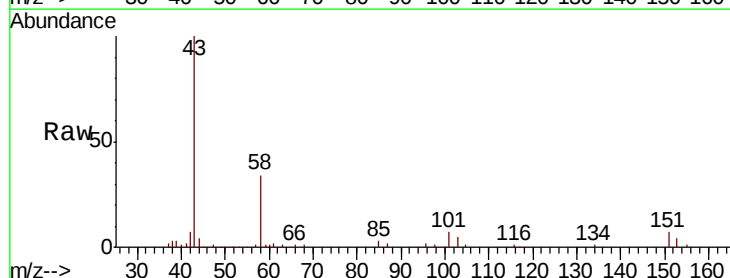
RT: 3.95 min Scan# 363

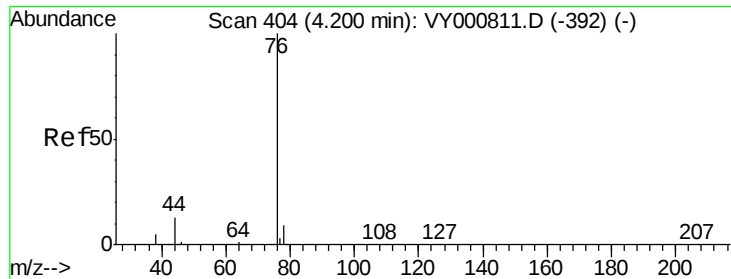
Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	43	Resp:	75952
Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.0	42.0





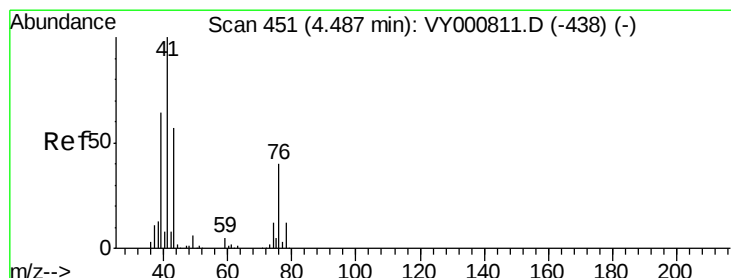
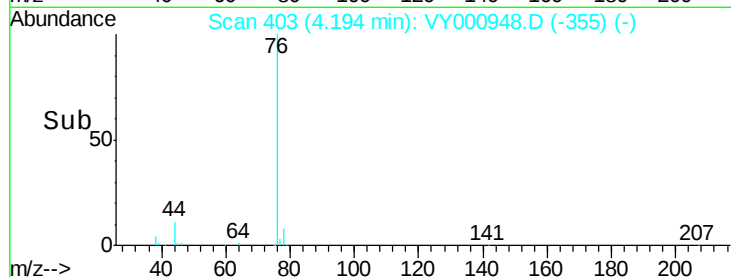
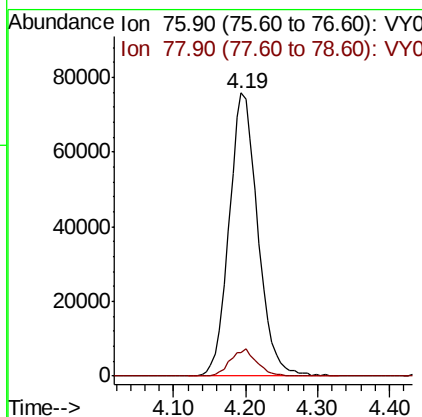
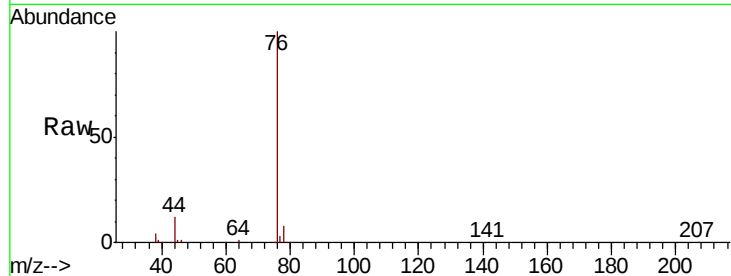
#17
Carbon Disulfide
Concen: 19.746 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

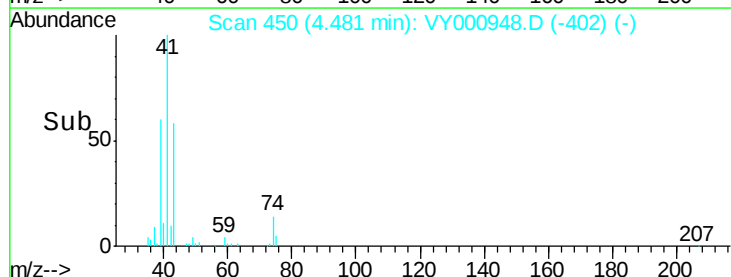
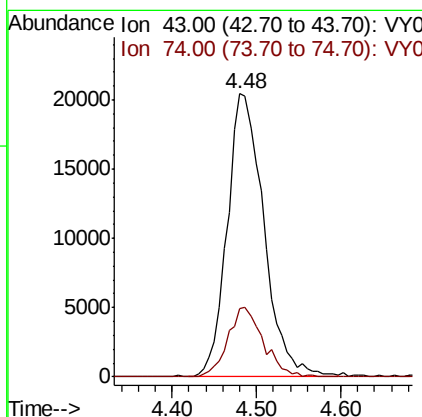
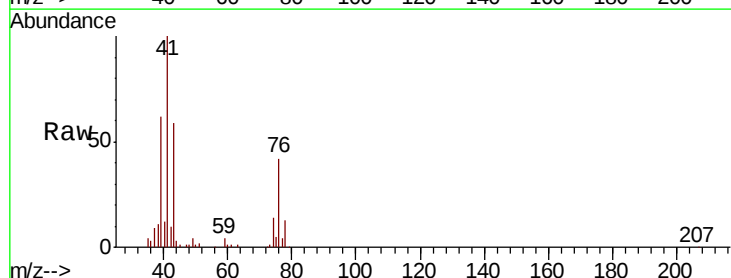
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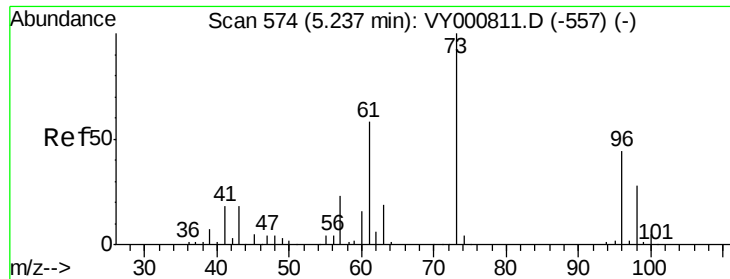
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#18
Methyl Acetate
Concen: 19.758 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





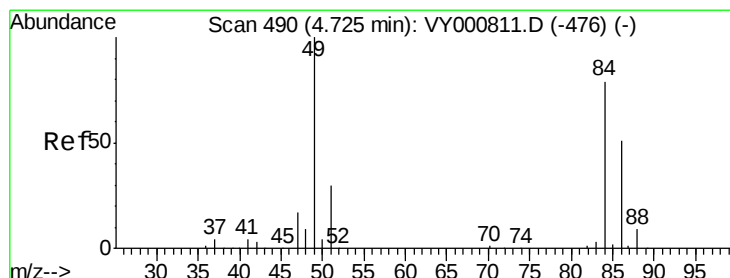
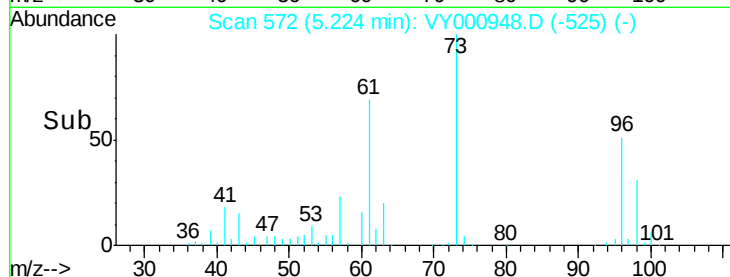
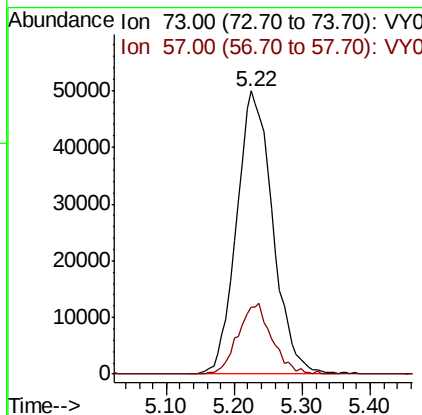
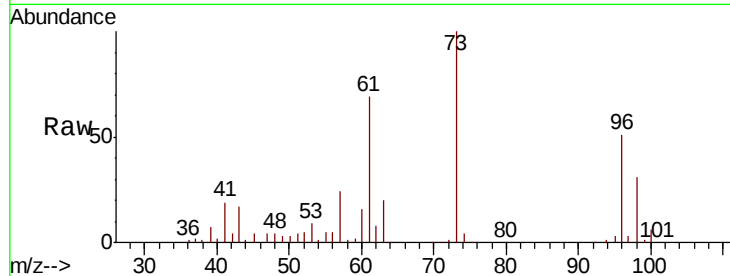
#19
Methyl tert-butyl Ether
Concen: 21.014 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 73 Resp: 184334
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.4

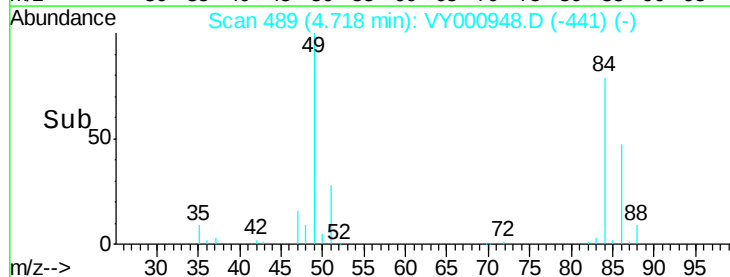
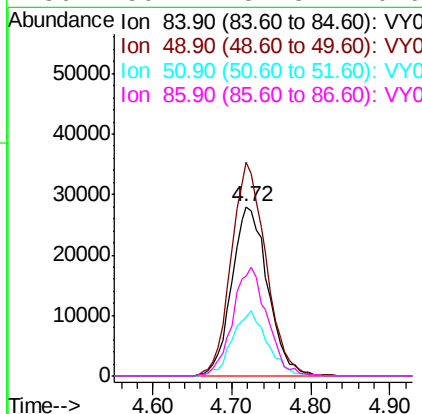
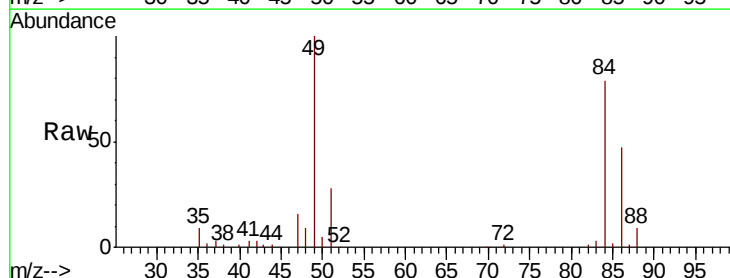
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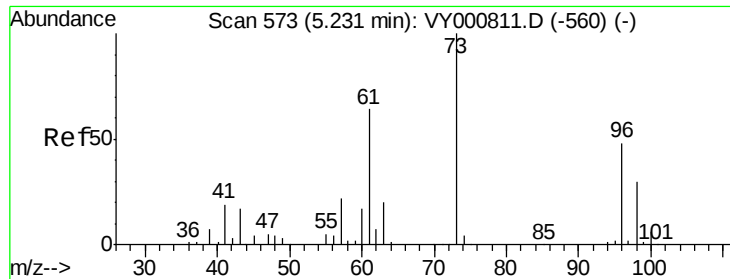
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#20
Methylene Chloride
Concen: 23.099 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion: 84 Resp: 88911
Ion Ratio Lower Upper
84 100
49 126.4 101.3 151.9
51 34.9 30.6 45.8
86 59.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.297 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

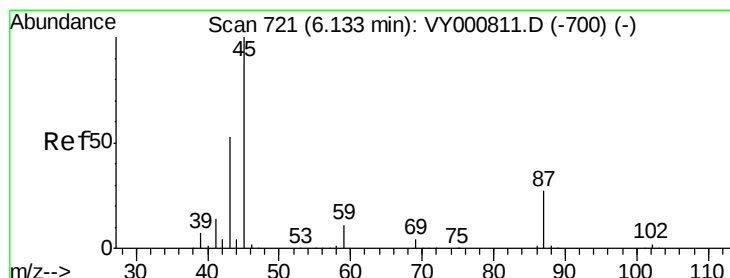
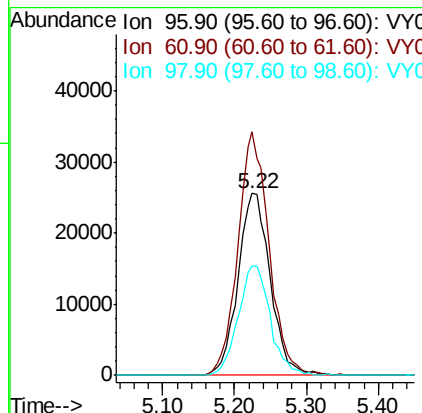
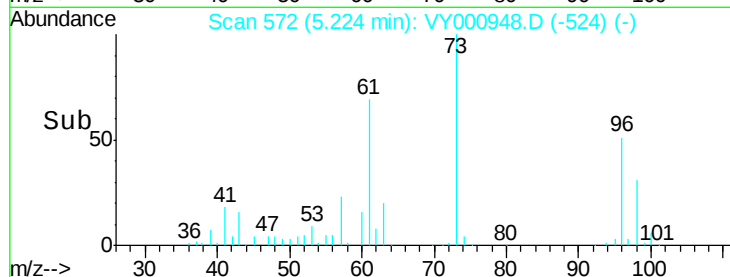
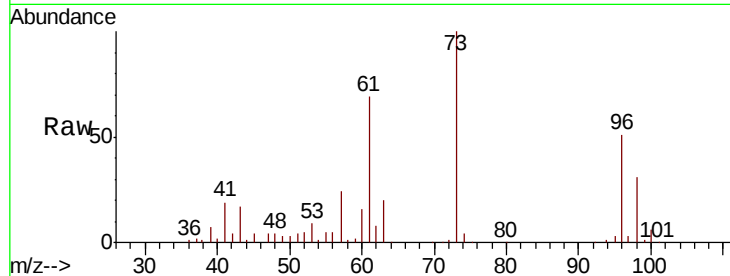
ClientSampleId :

VY1216SBS01

Tot Ion:	96	Resp:	79510
Ion	Ratio	Lower	Upper
96	100		
61	134.1	105.9	158.9
98	60.5	49.4	74.2

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#22

Diisopropyl ether

Concen: 20.466 ug/l

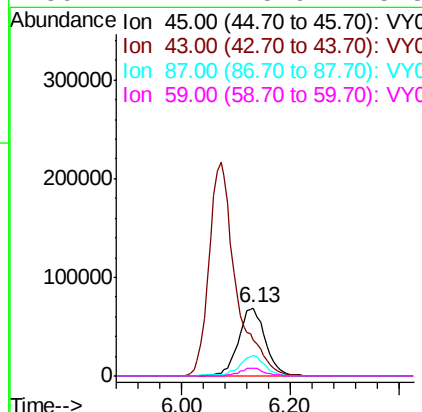
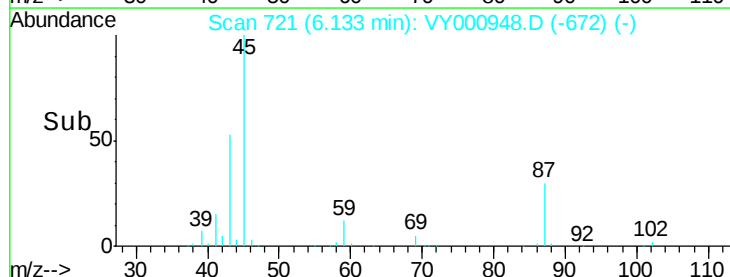
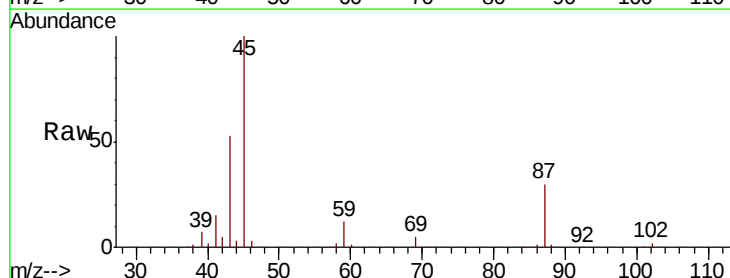
RT: 6.13 min Scan# 721

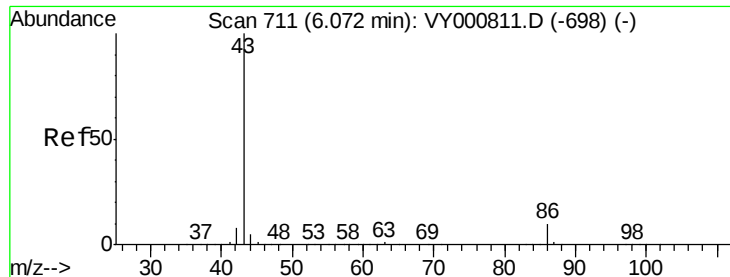
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	45	Resp:	236903
Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.7	64.1
87	30.4	22.0	33.0
59	12.2	8.9	13.3





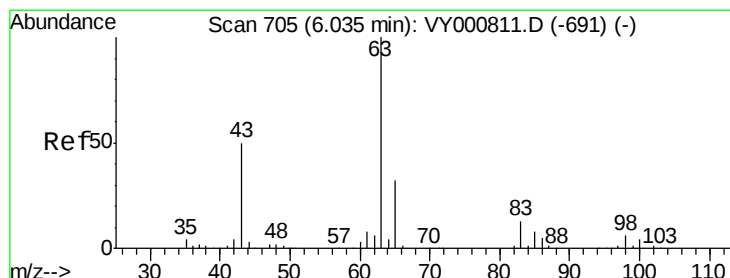
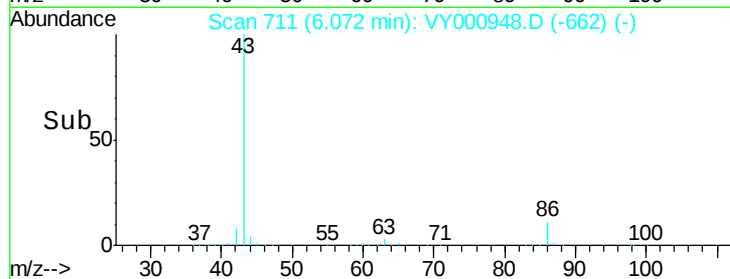
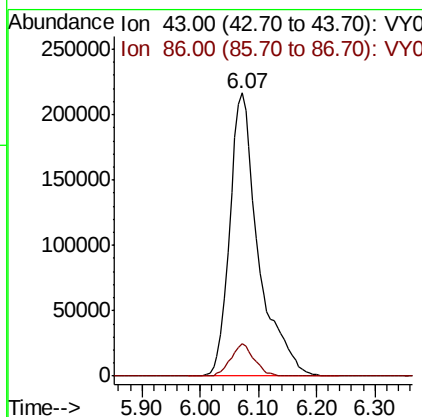
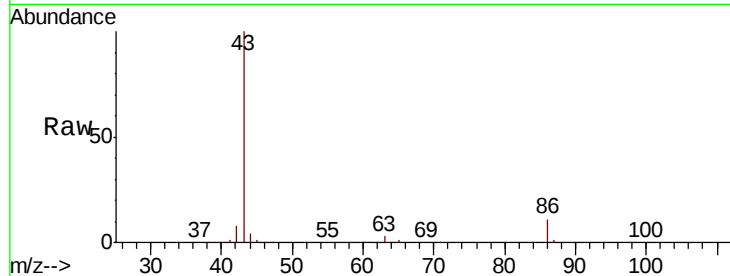
#23
 Vinyl Acetate
 Concen: 105.224 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.4	8.3	12.5

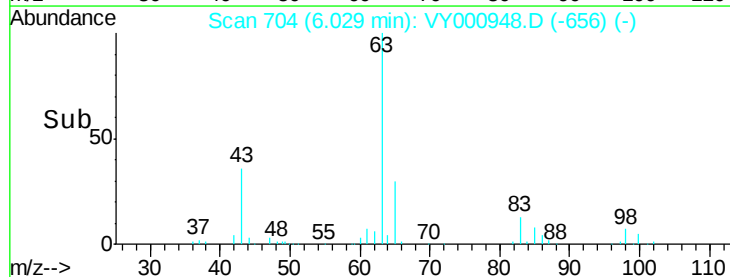
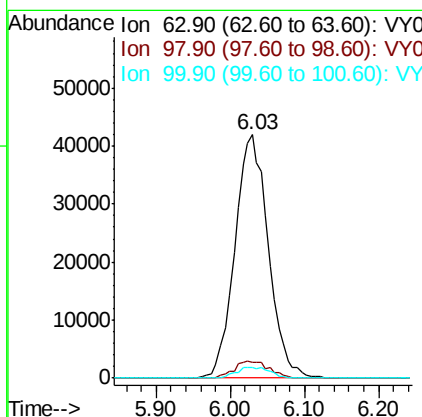
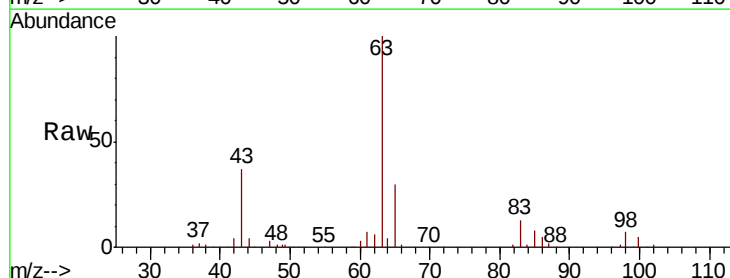
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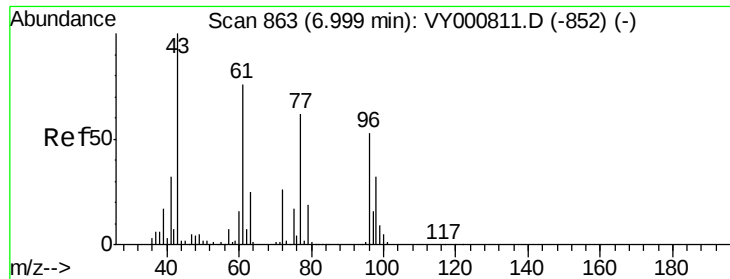
apatel
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#24
 1,1-Dichloroethane
 Concen: 20.652 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.8
100	4.5	2.2	6.6





#25

2-Butanone

Concen: 102.505 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 43 Resp: 138270

Ion Ratio Lower Upper

43 100

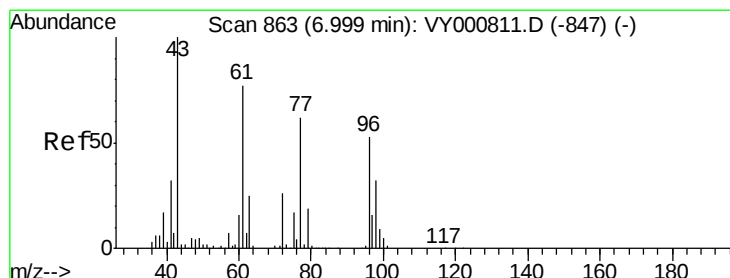
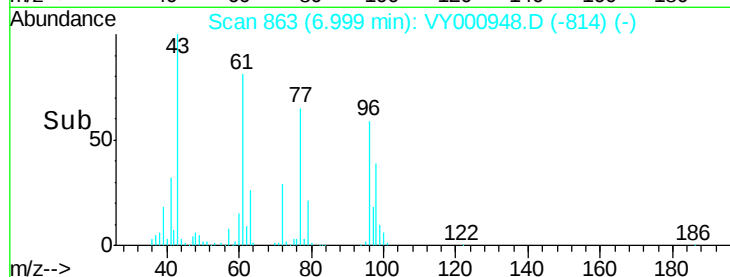
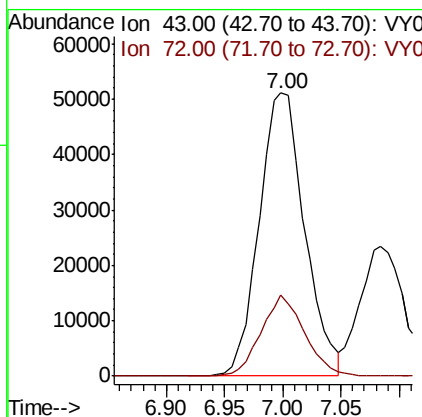
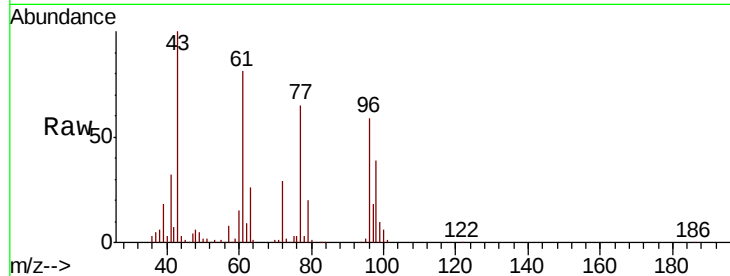
72 28.7 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.046 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000948.D

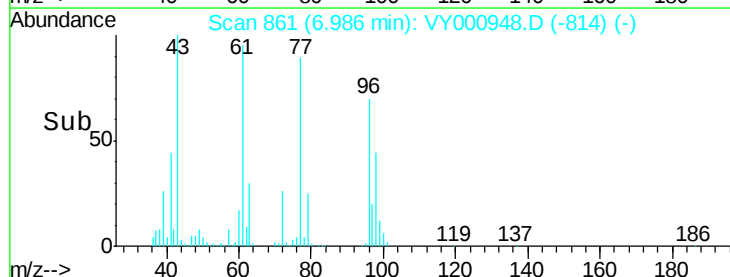
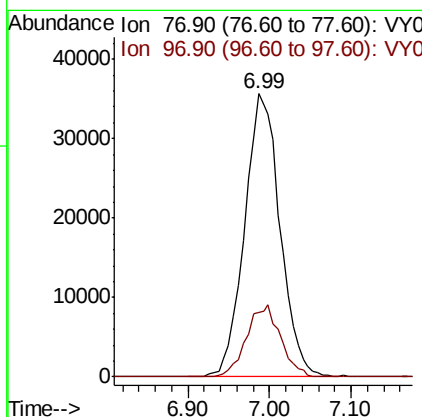
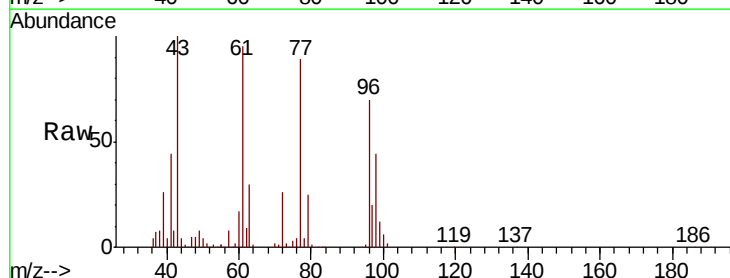
Acq: 16 Dec 2019 12:14

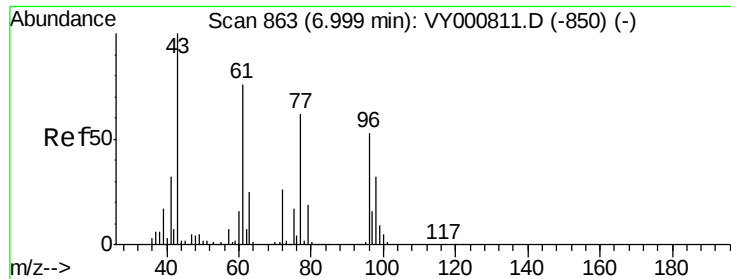
Tgt Ion: 77 Resp: 107642

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

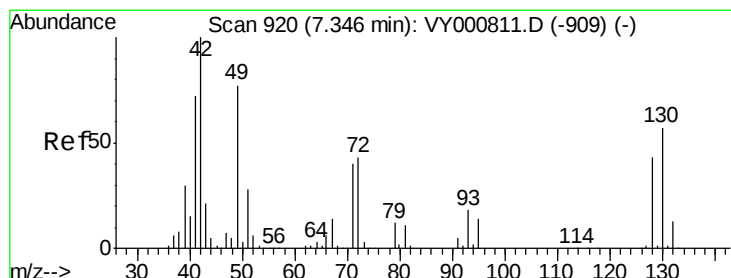
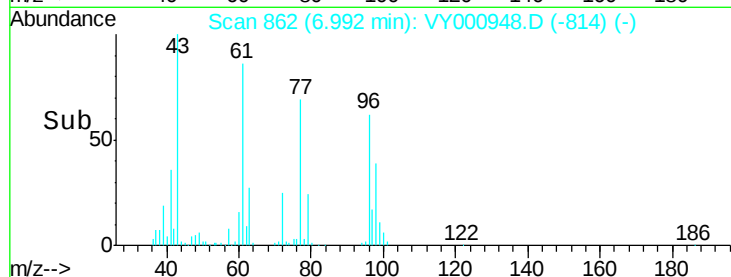
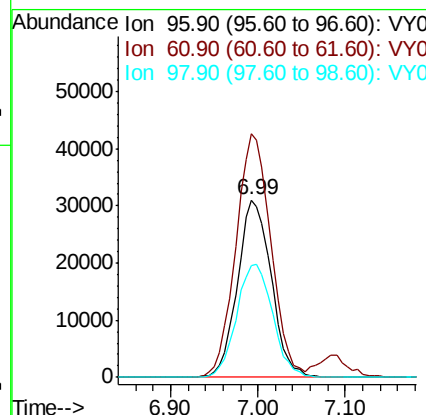
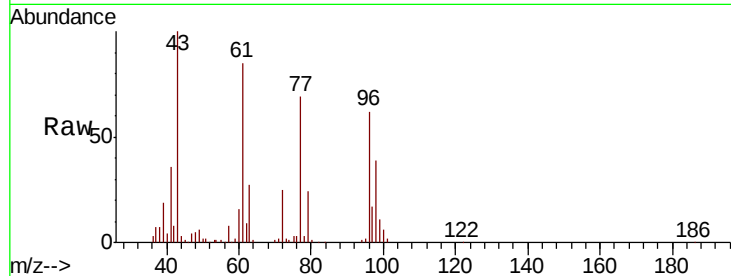
cis-1,2-Dichloroethene
Concen: 20.592 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	285.0
98	68.0	0.0	128.0

Manual Integrations
APPROVED

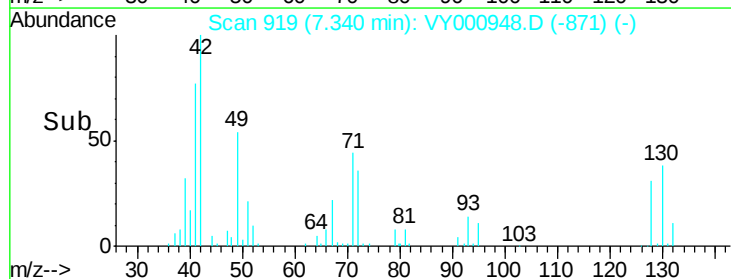
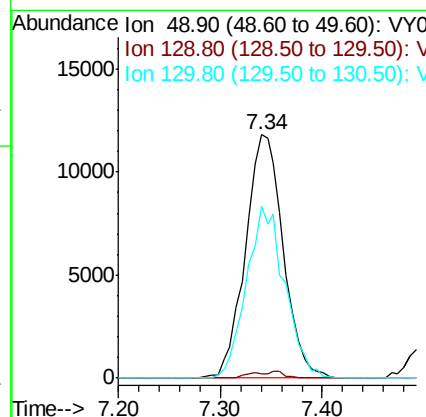
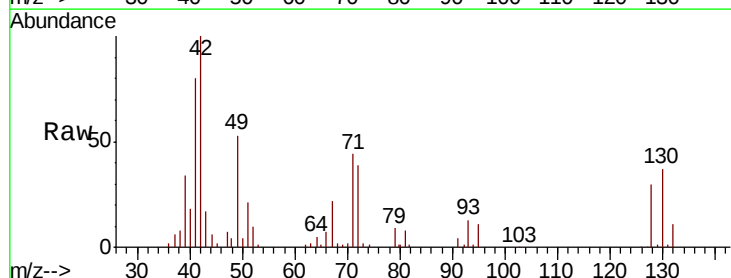
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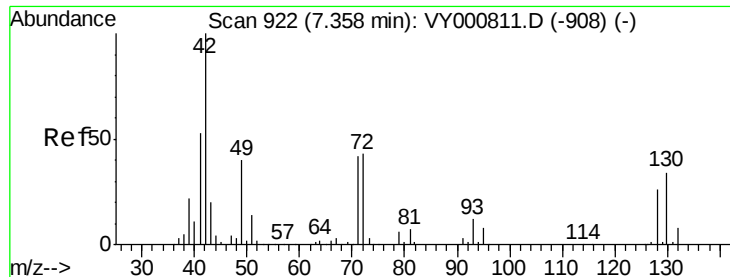


#28

Bromochloromethane
Concen: 14.467 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	71.6	58.7	88.1





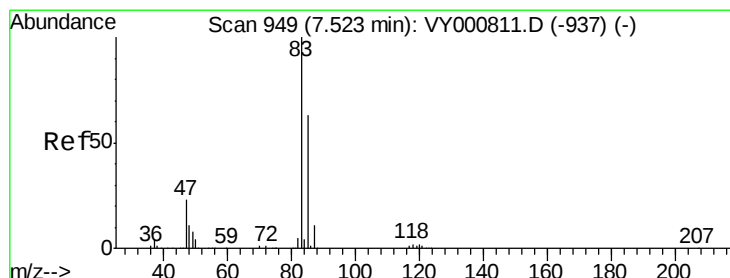
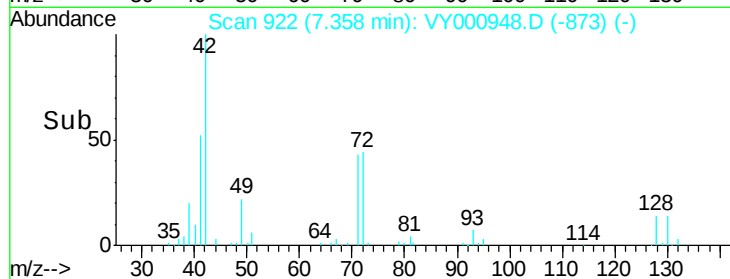
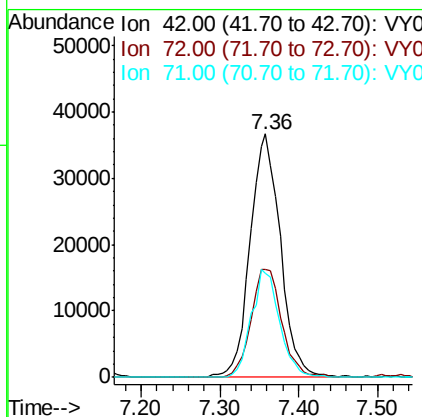
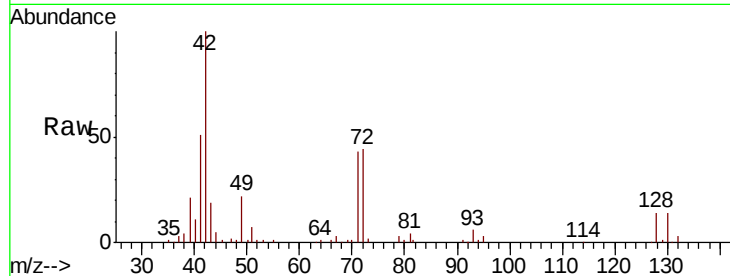
#29
Tetrahydrofuran
Concen: 109.350 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.1	52.7
71	41.3	32.8	49.2

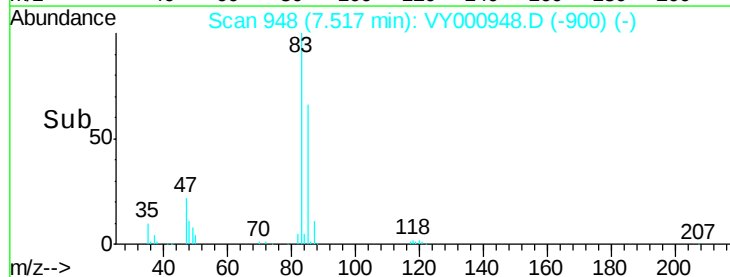
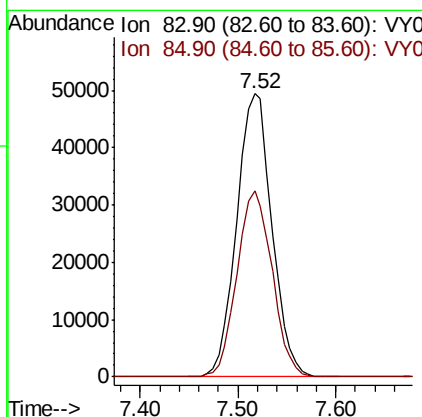
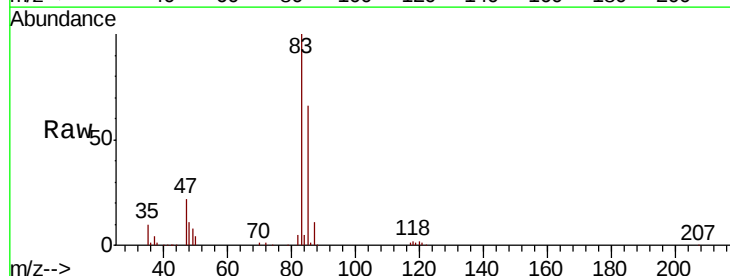
Manual Integrations
APPROVED

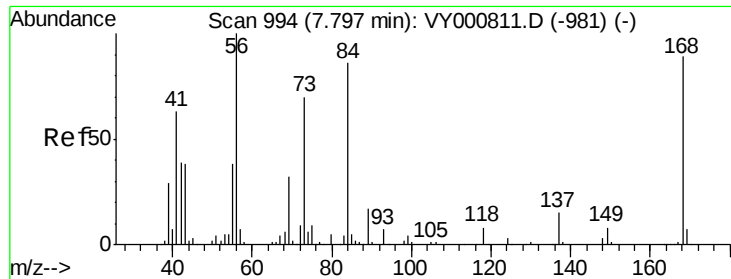
apatel
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#30
Chloroform
Concen: 19.317 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.4	75.6





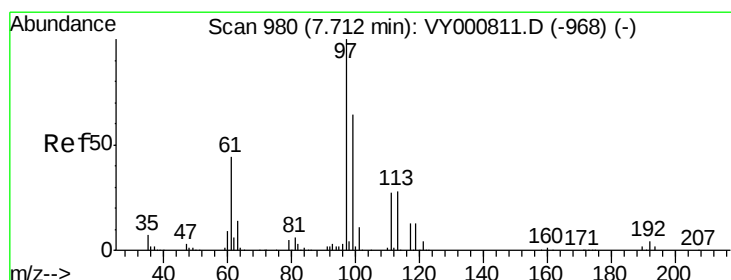
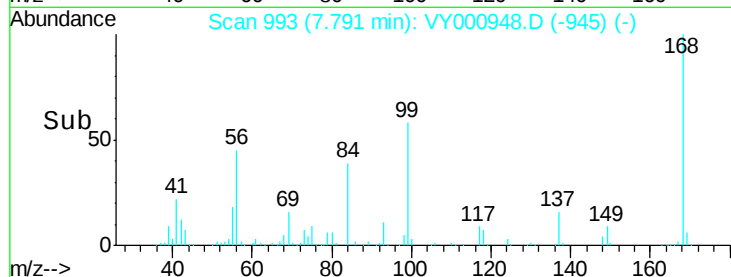
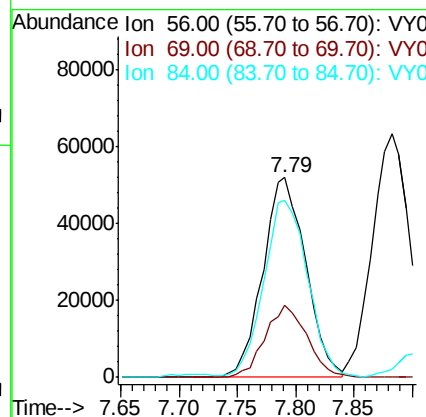
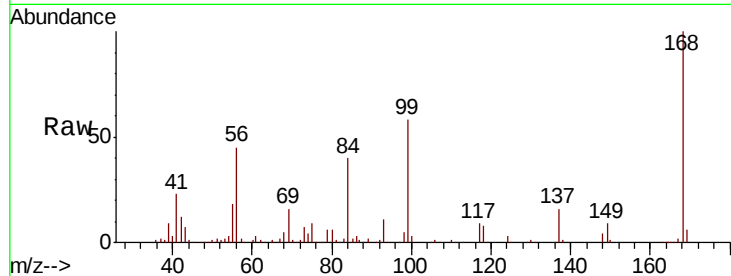
#31
Cyclohexane
Concen: 19.643 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.9	38.9
84	87.0	68.6	102.8

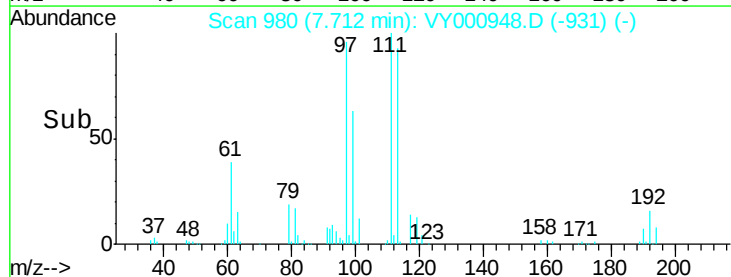
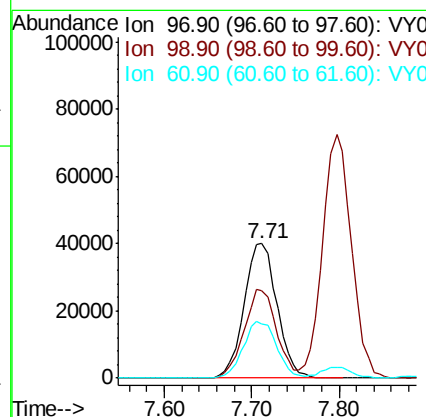
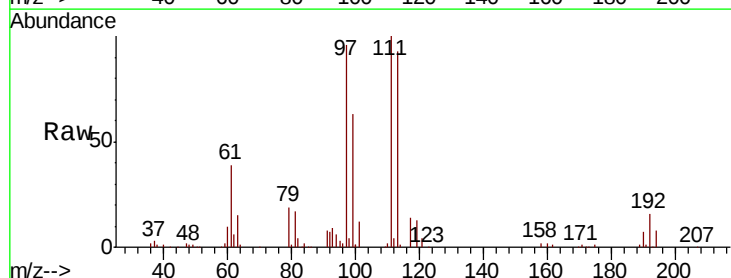
Manual Integrations
APPROVED

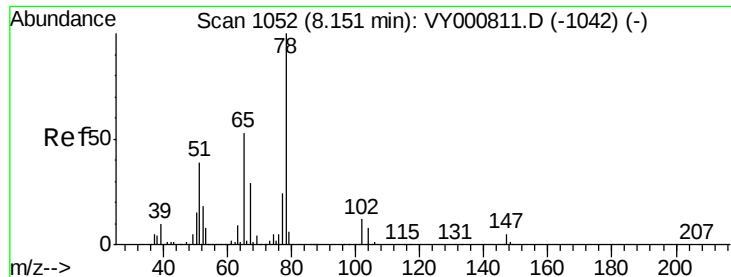
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#32
1,1,1-Trichloroethane
Concen: 19.725 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	42.9	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 49.508 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 65 Resp: 157594

Ion Ratio Lower Upper

65 100

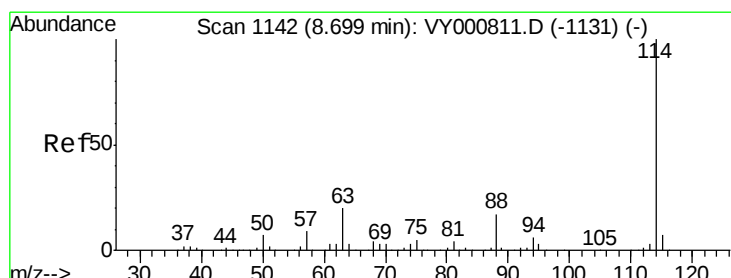
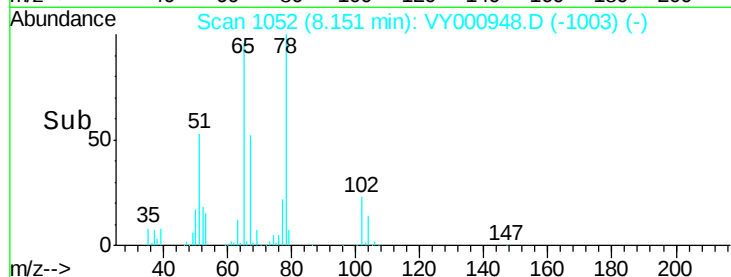
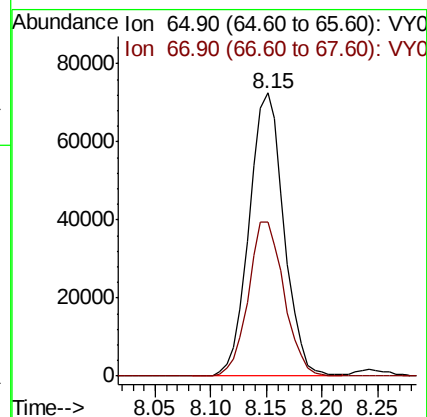
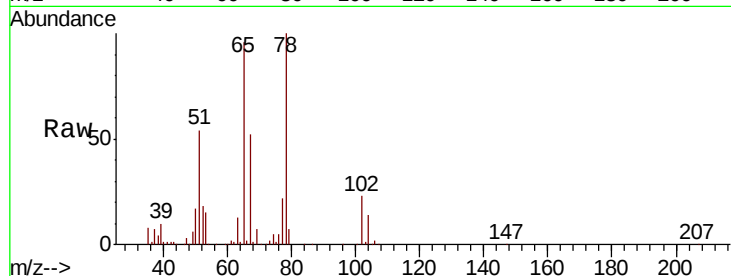
67 56.0 0.0 112.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

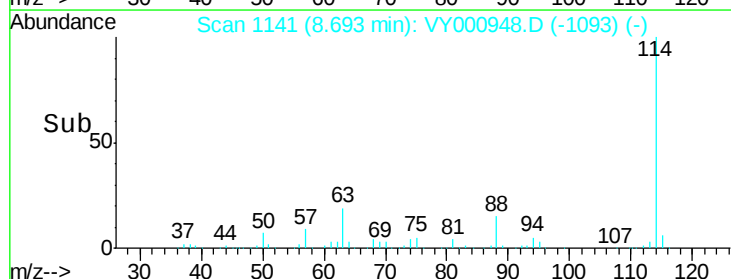
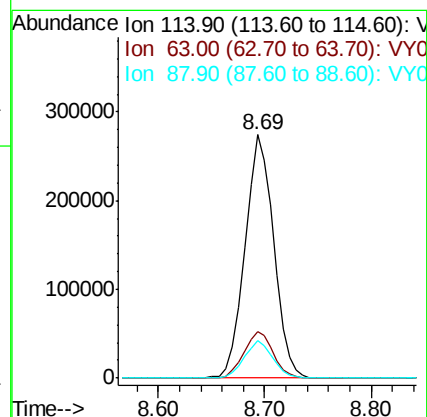
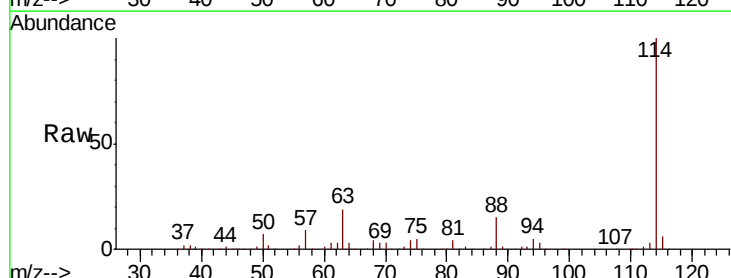
Tgt Ion: 114 Resp: 519520

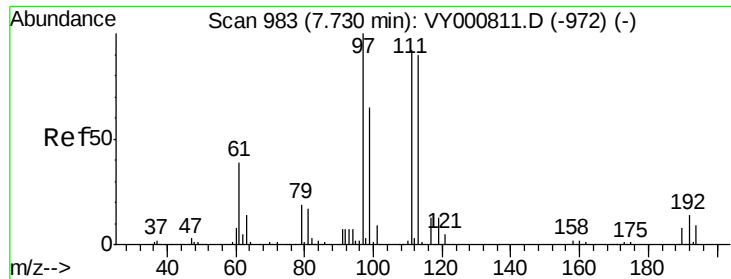
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

88 15.2 0.0 33.2





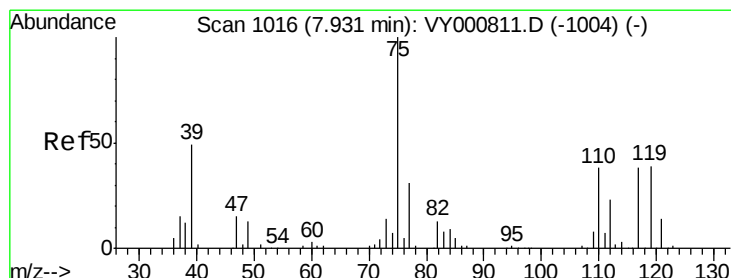
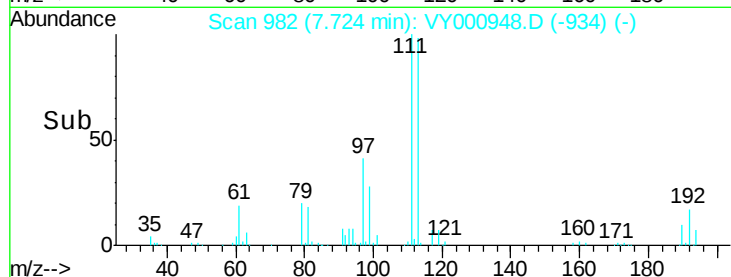
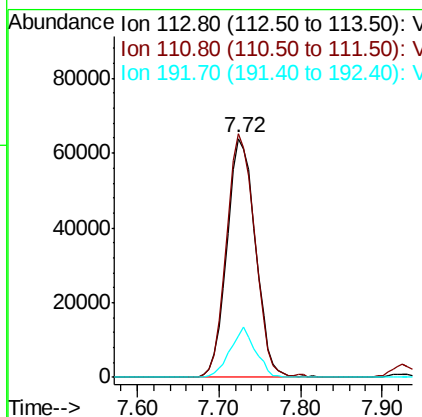
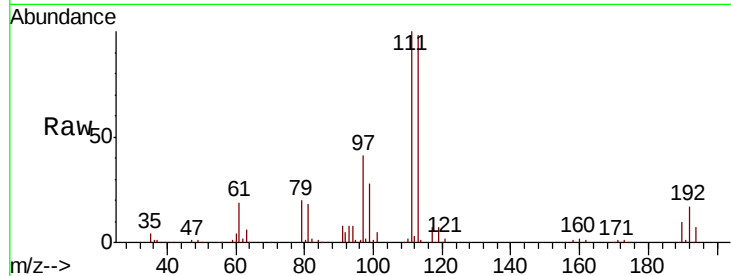
#35
 Dibromofluoromethane
 Concen: 50.943 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	18.7	14.2	21.2

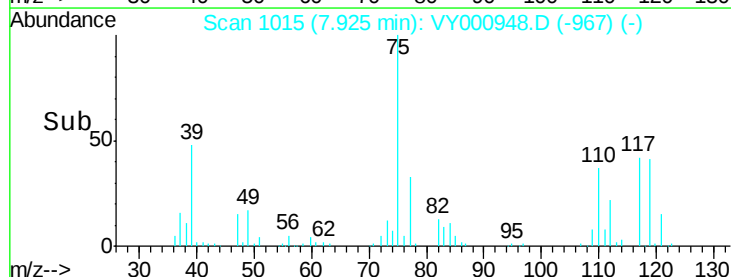
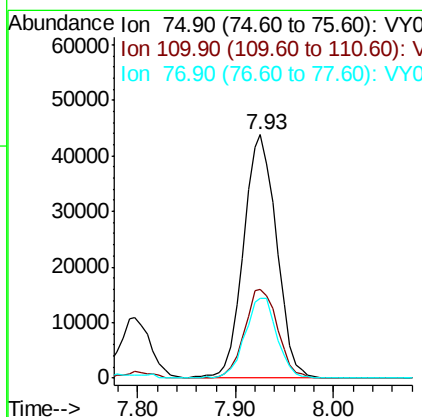
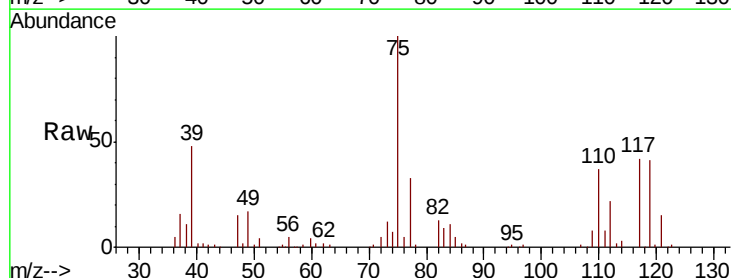
Manual Integrations
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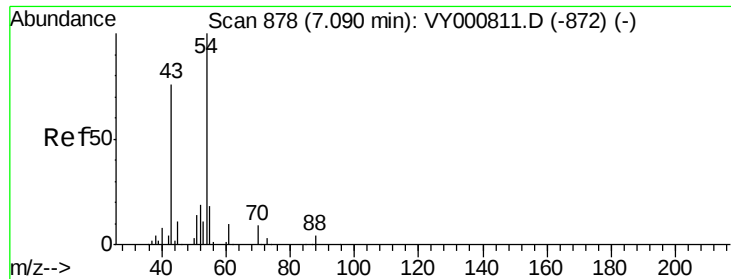
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#36
 1,1-Dichloropropene
 Concen: 19.899 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.9	53.7
77	32.0	24.7	37.1





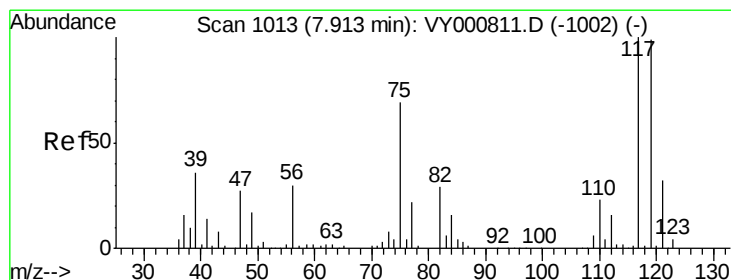
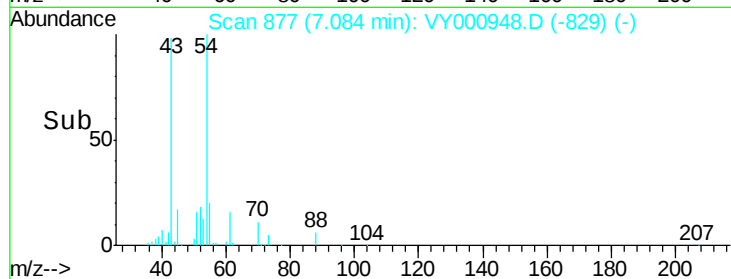
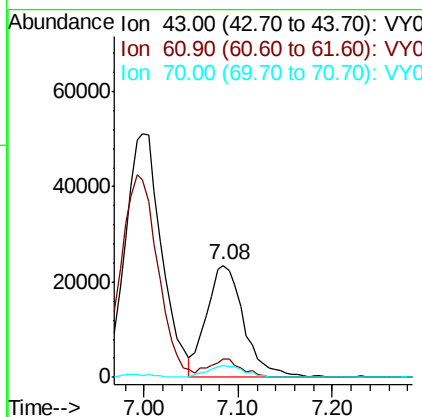
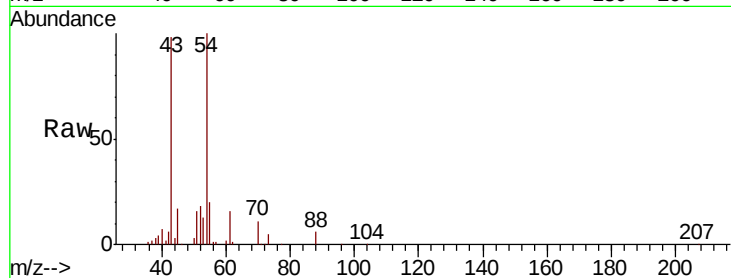
#37
Ethyl Acetate
Concen: 21.802 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.8
70	10.6	8.7	13.1

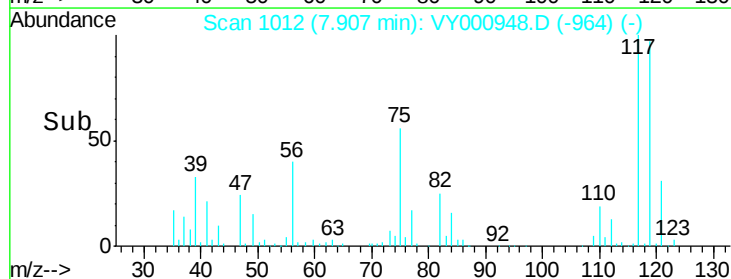
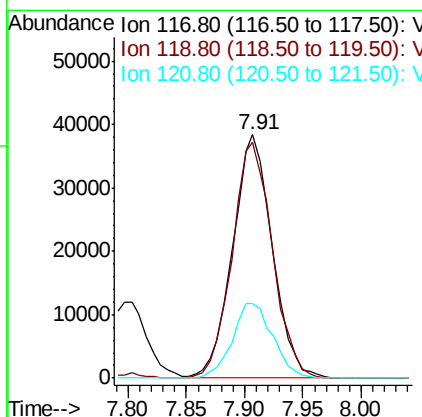
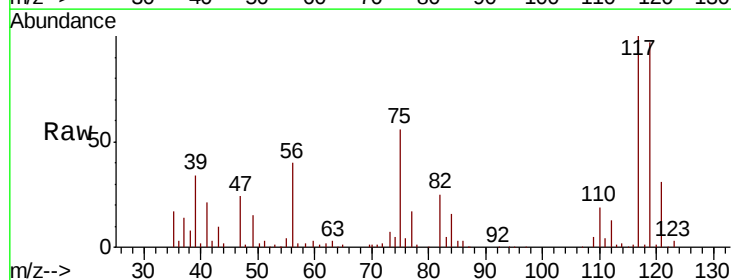
Manual Integrations
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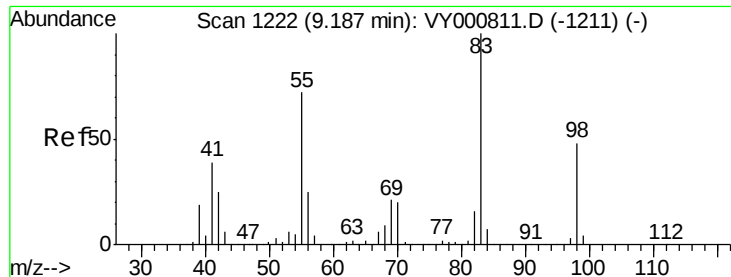
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#38
Carbon Tetrachloride
Concen: 19.788 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.3	118.9
121	30.9	25.5	38.3





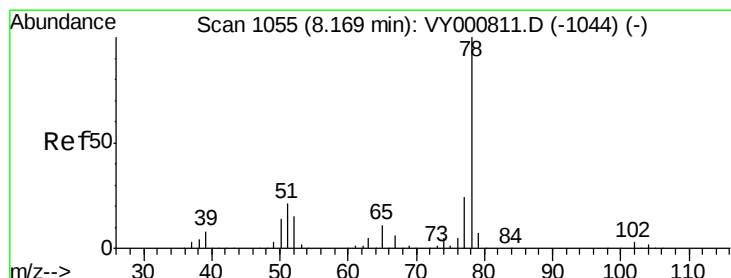
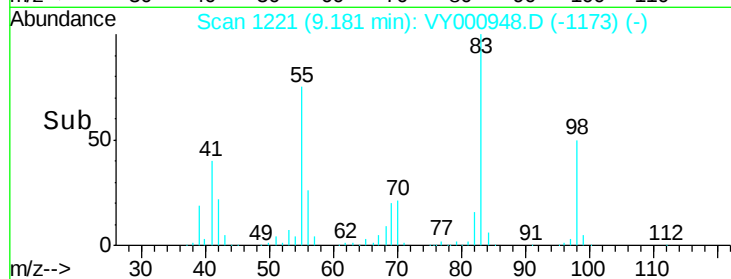
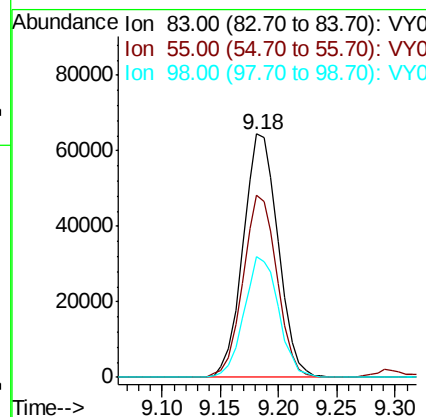
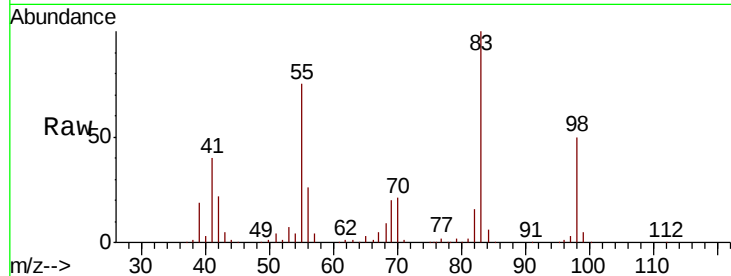
#39
Methvlcvclohexane
Concen: 19.716 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	57.8	86.6
98	49.5	38.6	58.0

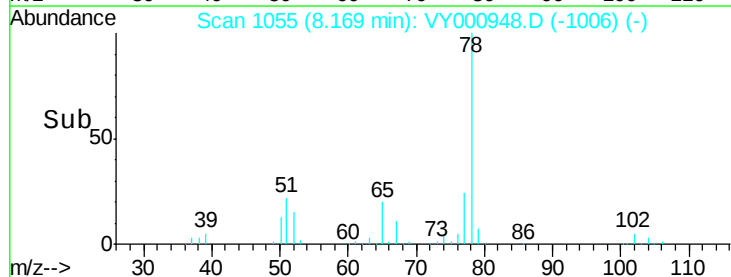
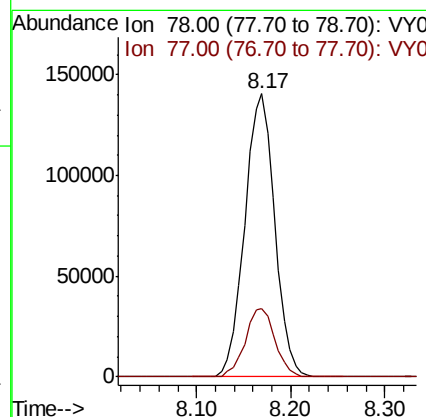
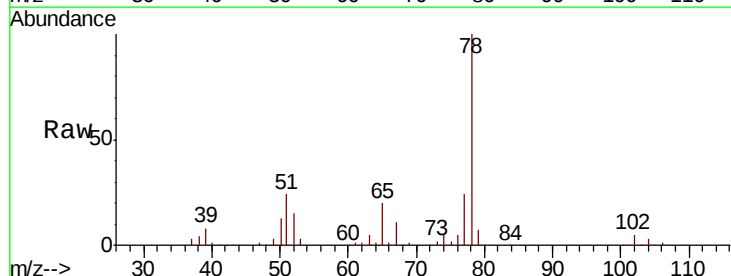
Manual Integrations
APPROVED

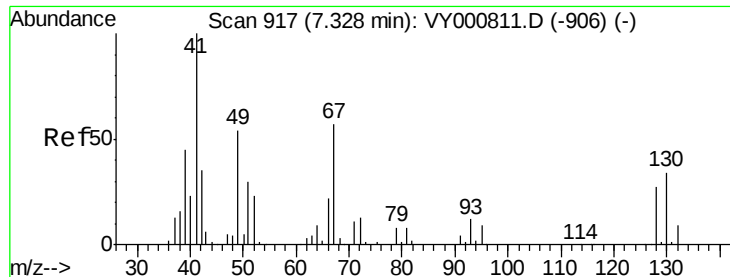
apatel
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#40
Benzene
Concen: 20.766 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





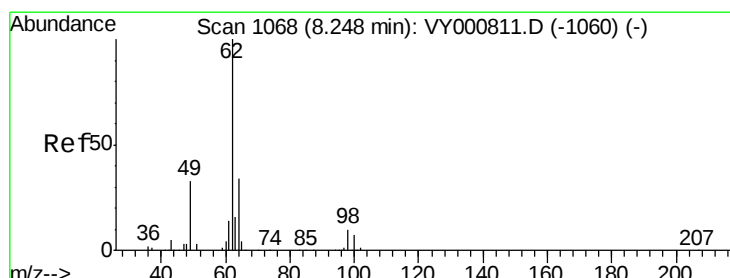
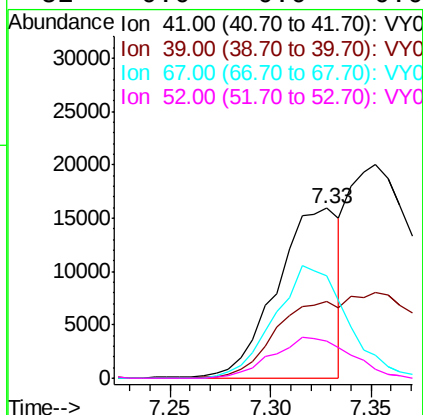
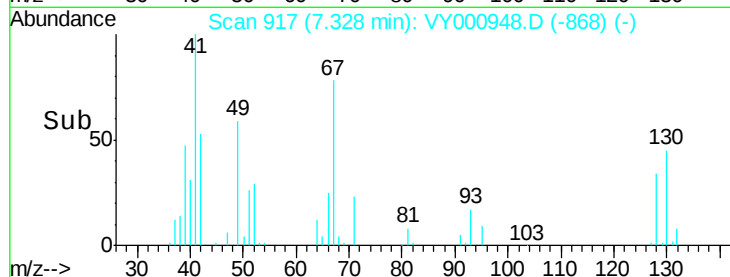
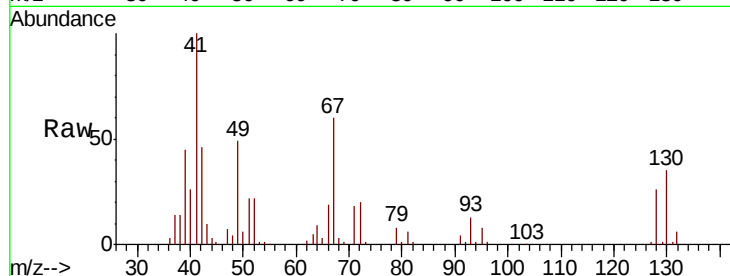
#41
Methacrylonitrile
Concen: 22.233 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	41	Resp	34951
Ion	Ratio	Lower	Upper
41	100		
39	104.7	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

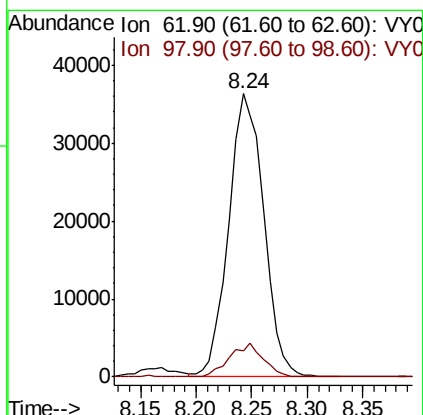
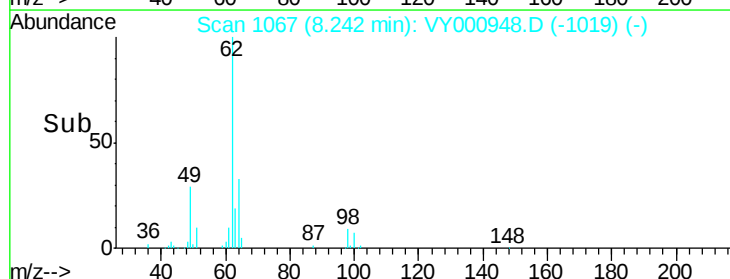
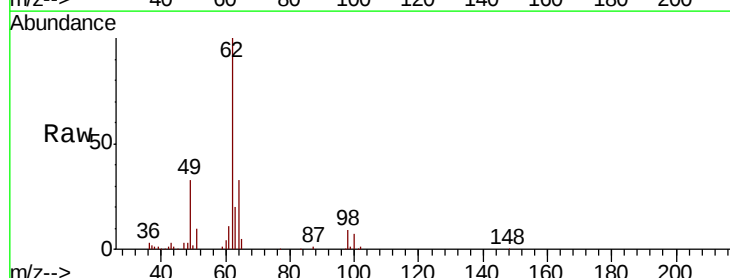
Manual Integrations
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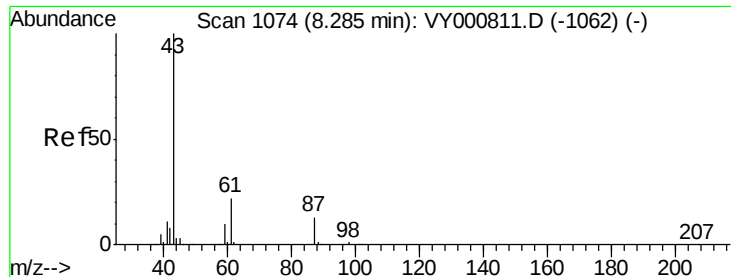
apatel
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#42
1,2-Dichloroethane
Concen: 20.061 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	62	Resp	79381
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4





#43

Isopropyl Acetate

Concen: 20.746 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

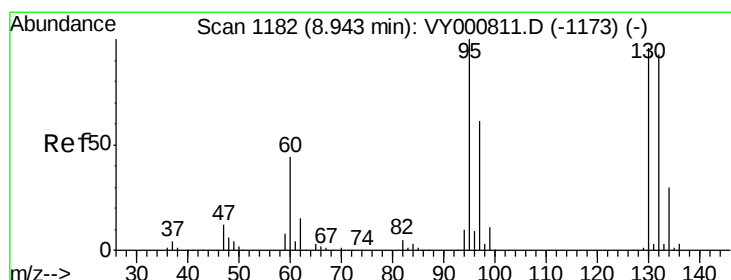
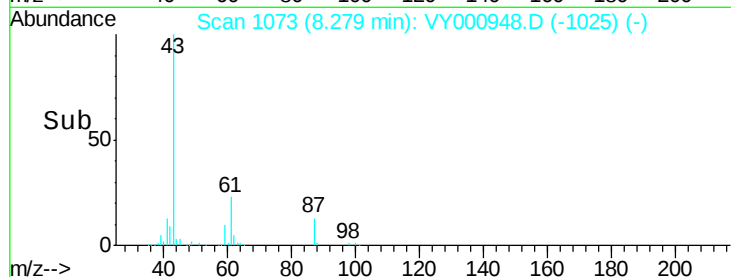
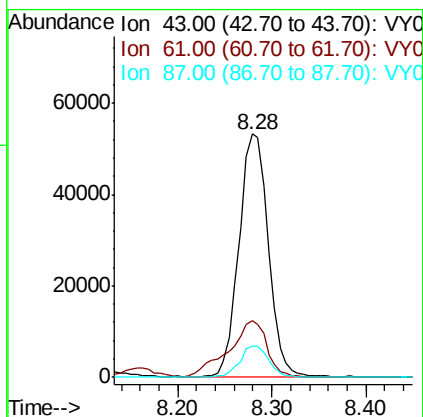
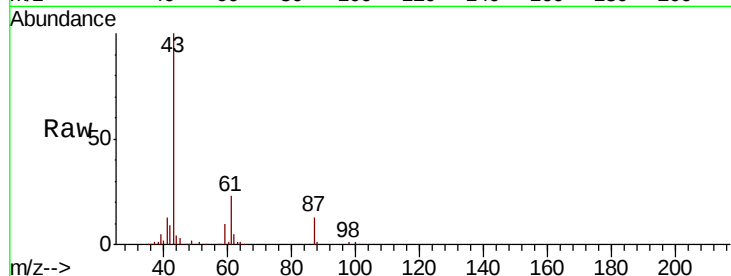
ClientSampleId :

VY1216SBS01

Tot Ion:	43	Resp:	116610
Ion Ratio		Lower	Upper
43	100		
61	30.1	23.7	35.5
87	12.9	10.6	15.8

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#44

Trichloroethene

Concen: 21.480 ug/l

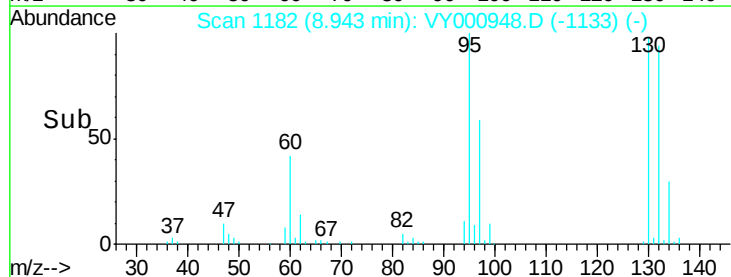
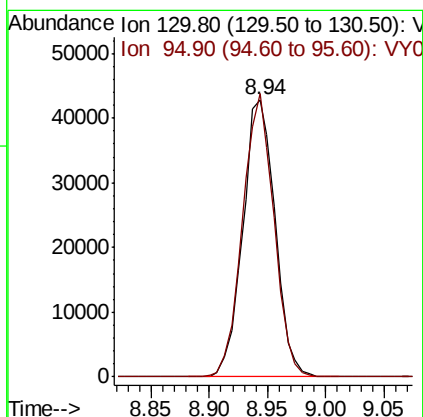
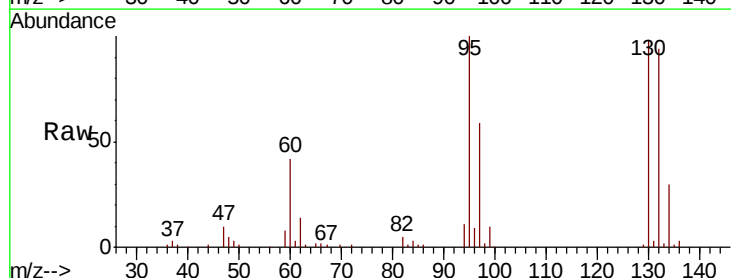
RT: 8.94 min Scan# 1182

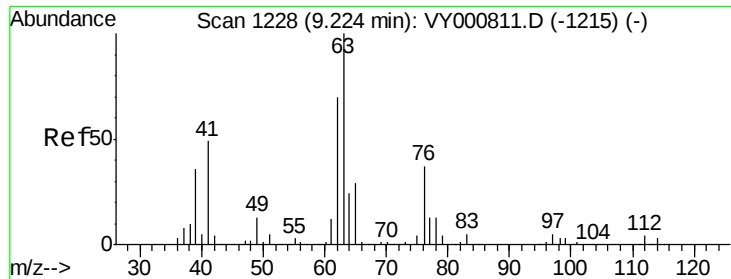
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	130	Resp:	83063
Ion Ratio		Lower	Upper
130	100		
95	102.1	0.0	207.8





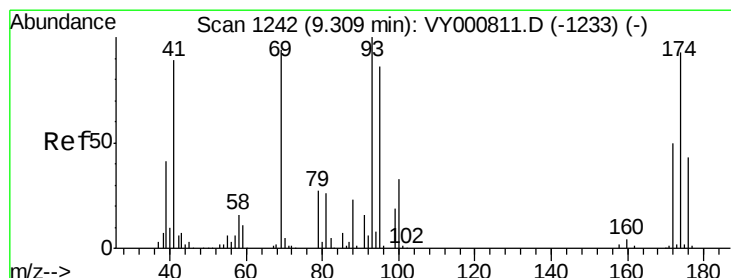
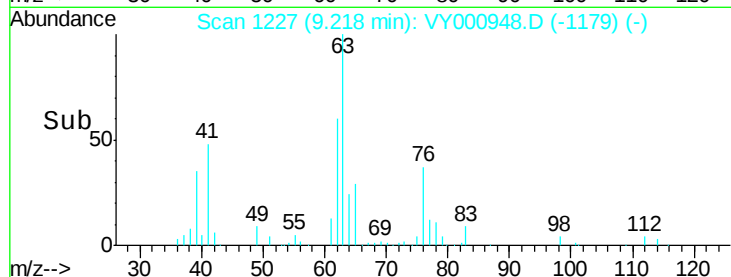
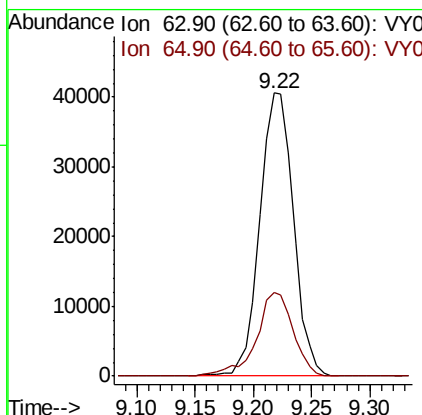
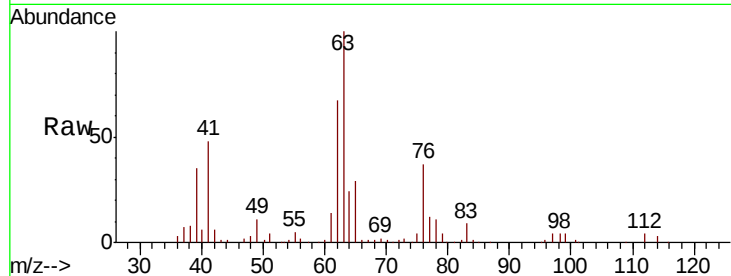
#45
 1,2-Dichloropropane
 Concen: 21.507 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion: 63 Resp: 81285
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.2 34.8

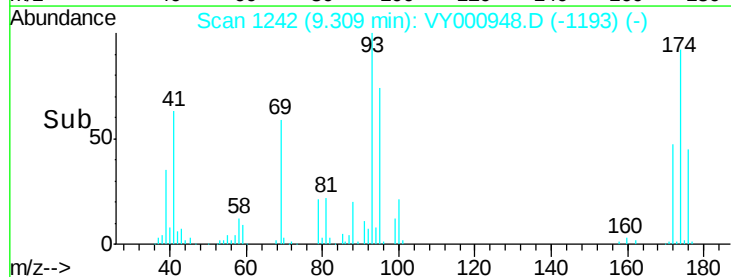
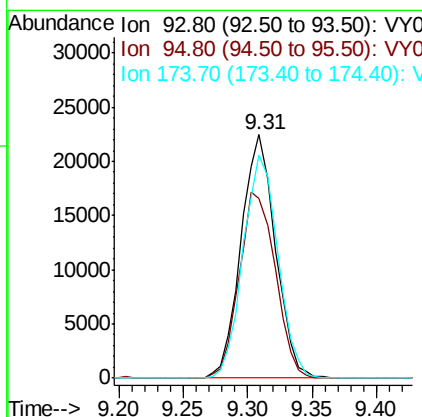
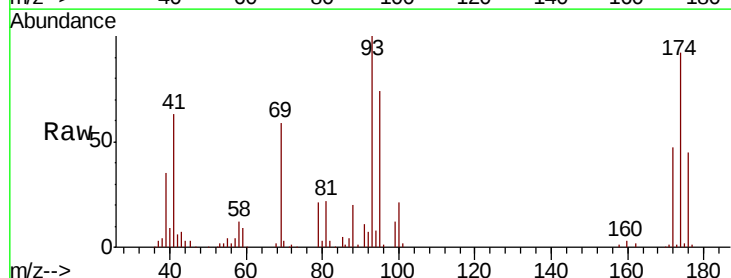
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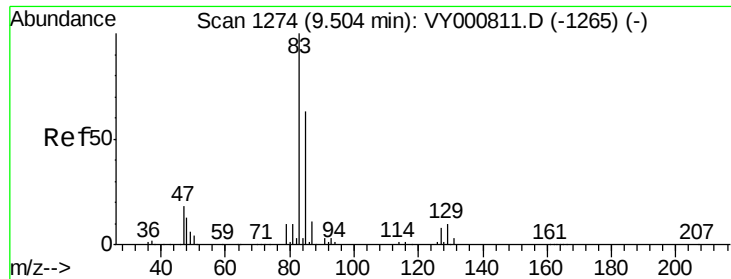
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#46
 Dibromomethane
 Concen: 20.996 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion: 93 Resp: 41462
 Ion Ratio Lower Upper
 93 100
 95 80.4 66.4 99.6
 174 92.4 73.0 109.6





#47

Bromodichloromethane

Concen: 20.711 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

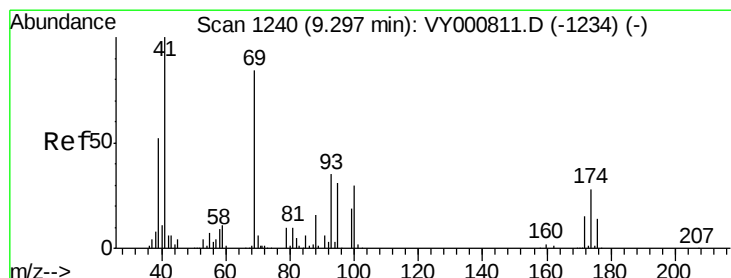
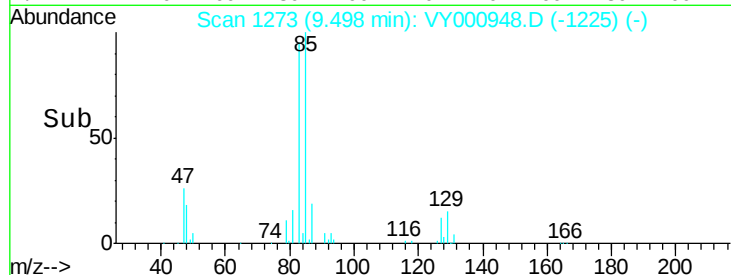
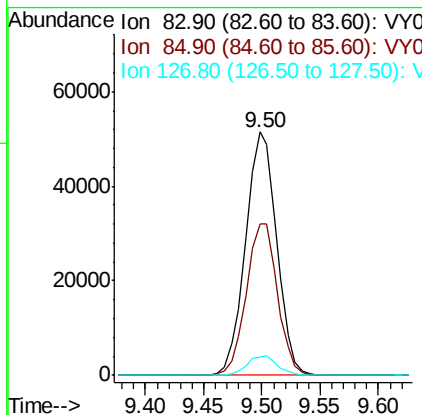
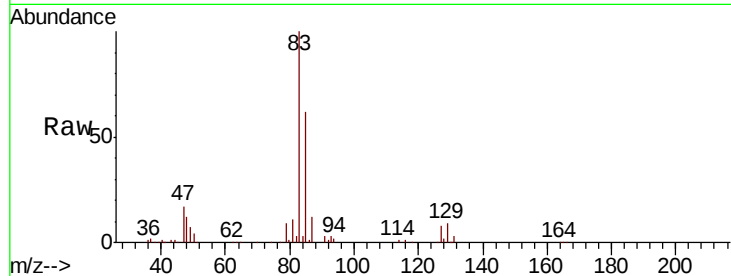
ClientSampleId :

VY1216SBS01

Tot Ion:	83	Resp:	96078
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.8	76.2
127	7.7	6.6	10.0

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#48

Methyl methacrylate

Concen: 20.093 ug/l

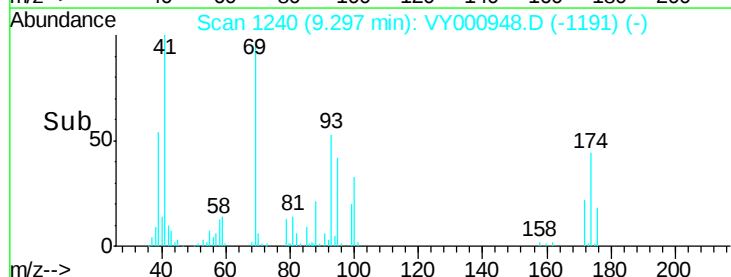
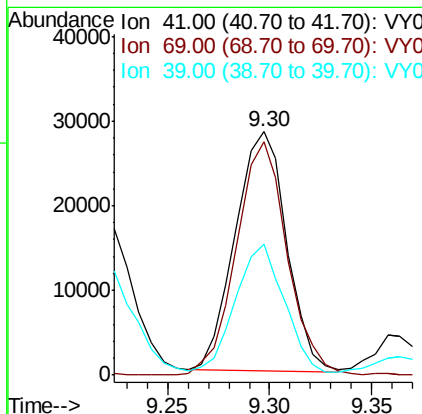
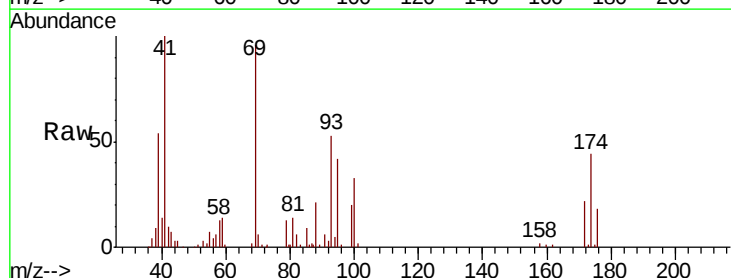
RT: 9.30 min Scan# 1240

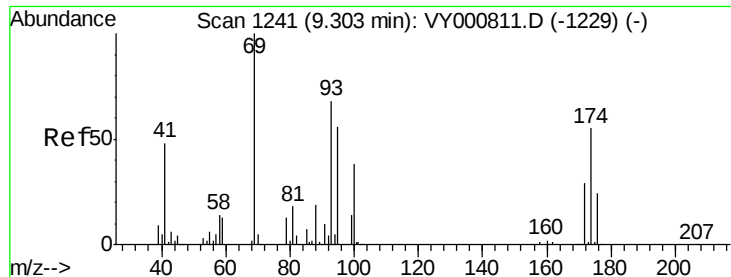
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	41	Resp:	49664
Ion	Ratio	Lower	Upper
41	100		
69	96.6	70.4	105.6
39	52.5	40.9	61.3





#49

1,4-Dioxane

Concen: 459.432 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 88 Resp: 12855

Ion Ratio Lower Upper

88 100

43 36.4 21.1 31.7#

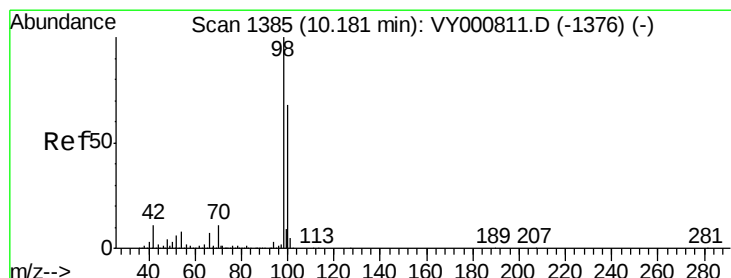
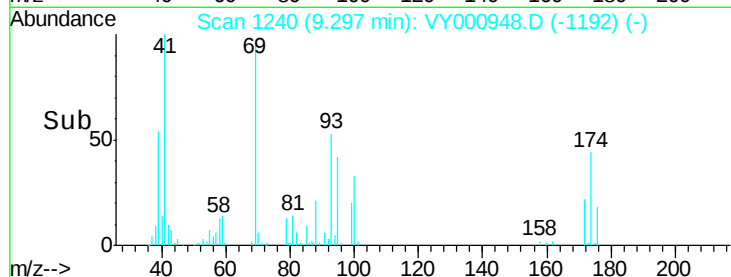
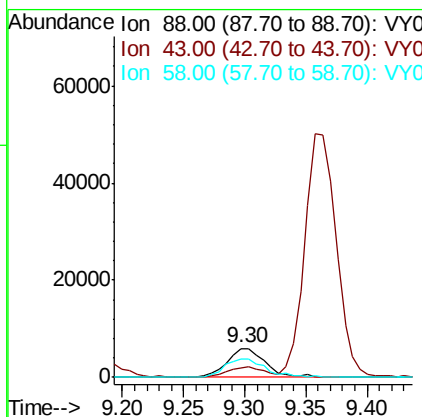
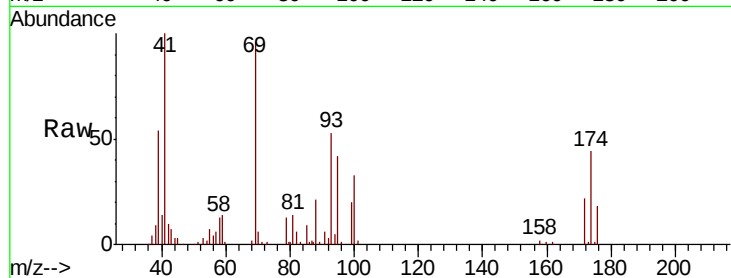
58 71.5 50.7 76.1

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#50

Toluene-d8

Concen: 51.973 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000948.D

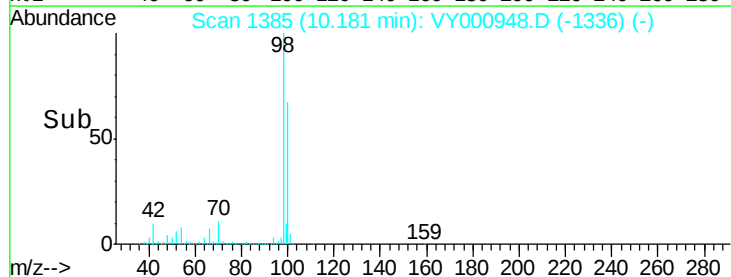
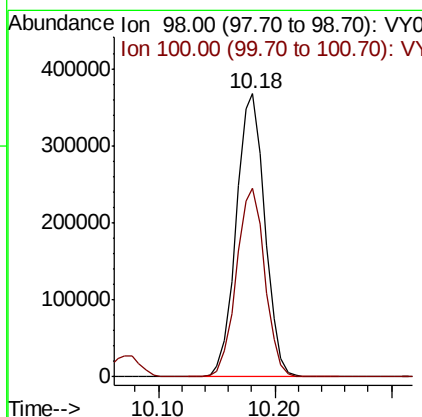
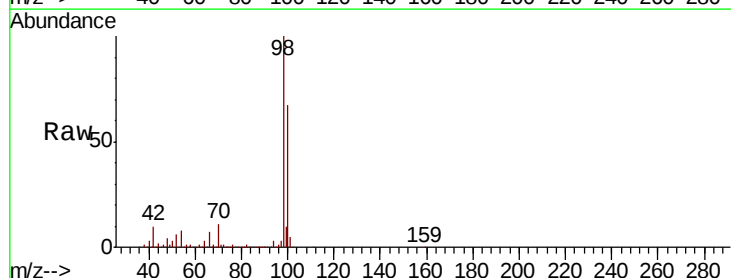
Acq: 16 Dec 2019 12:14

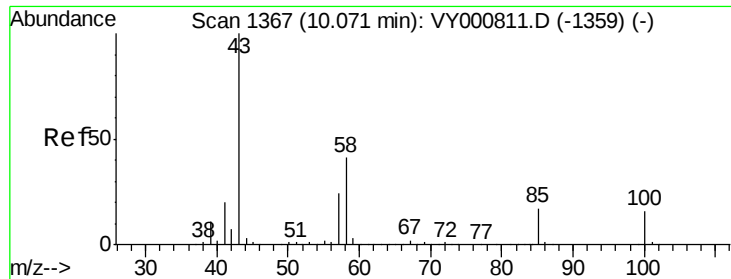
Tgt Ion: 98 Resp: 629130

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 107.003 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 43 Resp: 310751

Ion Ratio Lower Upper

43 100

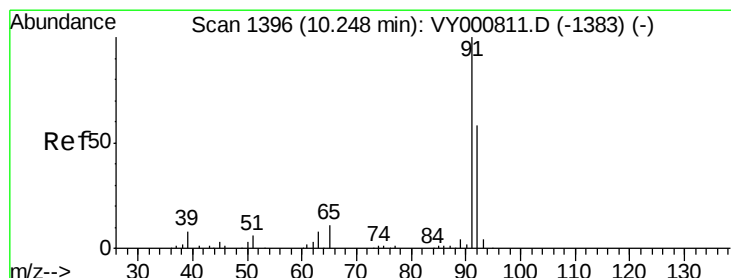
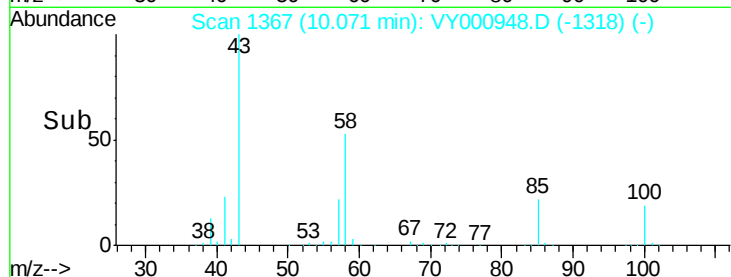
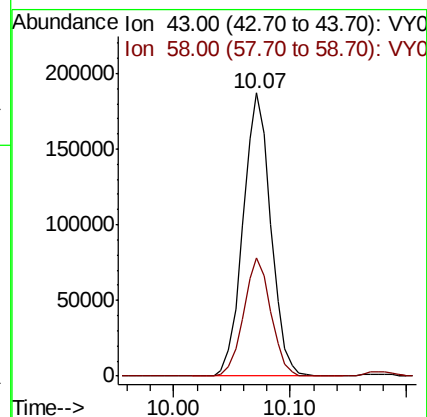
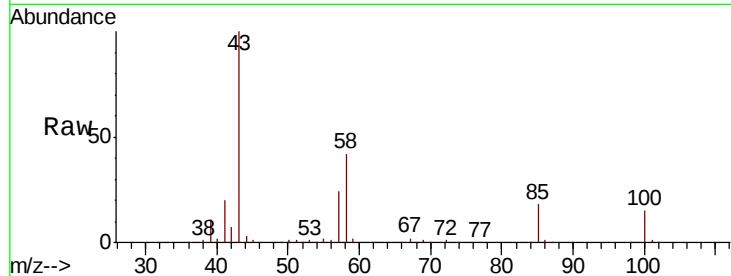
58 41.0 33.1 49.7

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#52

Toluene

Concen: 20.607 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000948.D

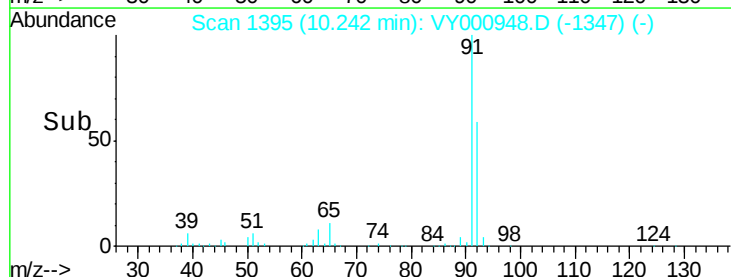
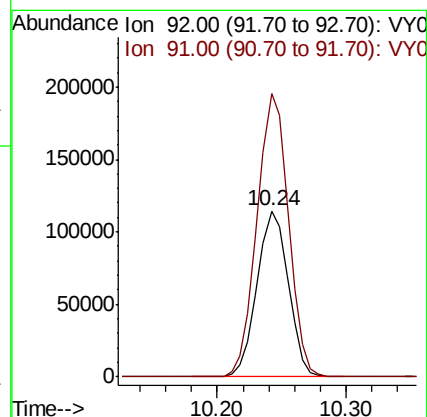
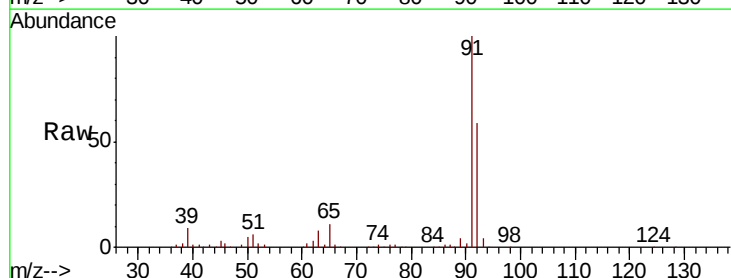
Acq: 16 Dec 2019 12:14

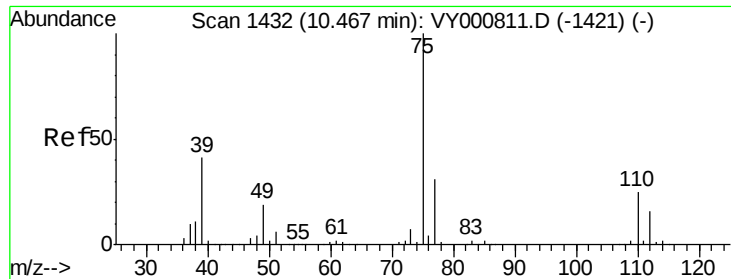
Tgt Ion: 92 Resp: 191981

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8





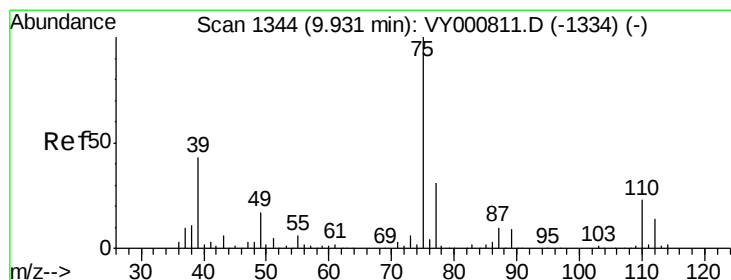
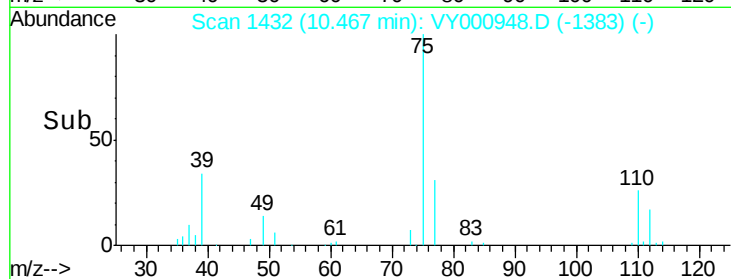
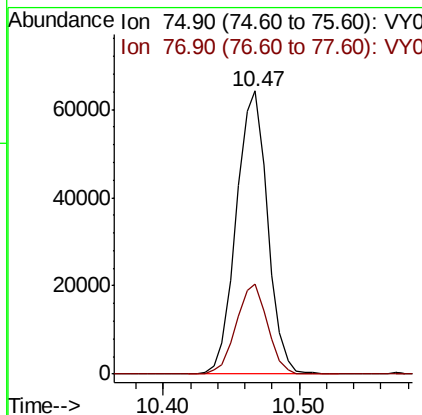
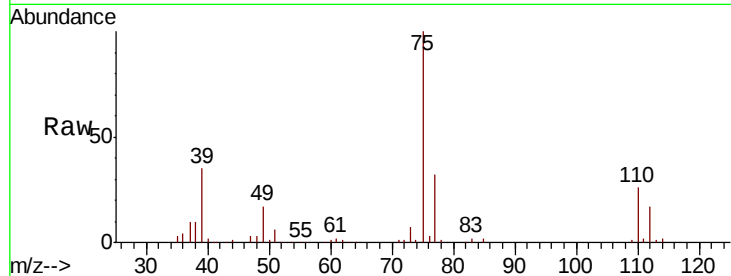
#53
t-1,3-Dichloropropene
Concen: 20.618 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 75 Resp: 102756
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

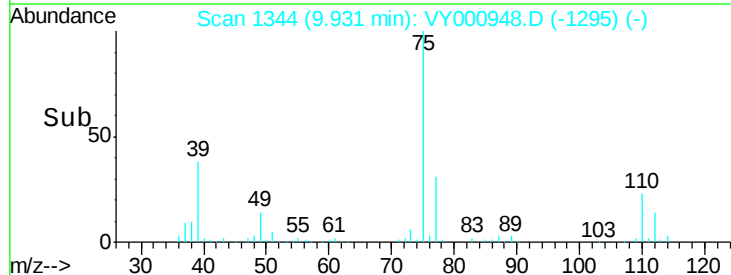
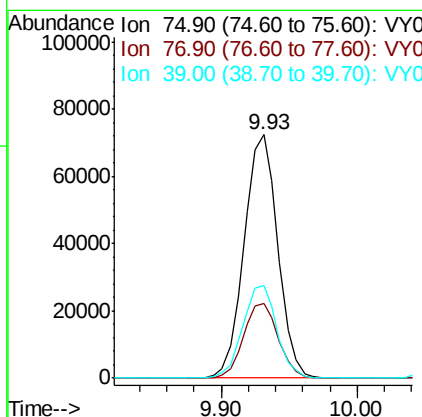
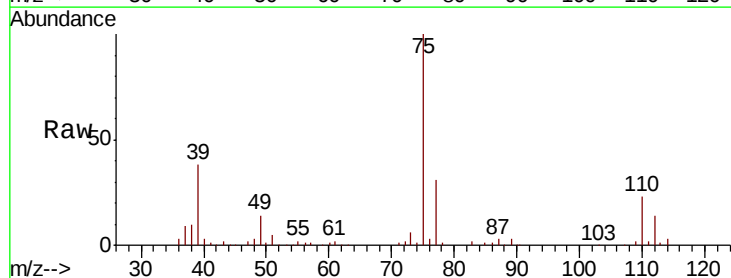
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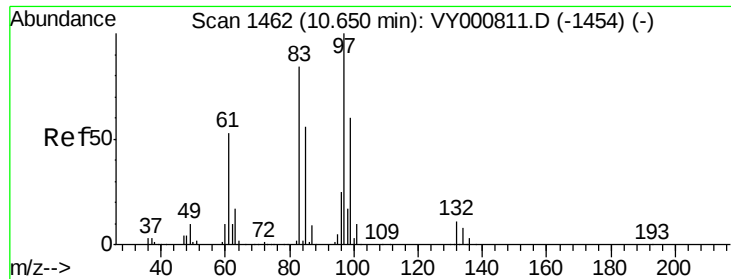
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#54
cis-1,3-Dichloropropene
Concen: 21.258 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion: 75 Resp: 125232
Ion Ratio Lower Upper
75 100
77 30.6 24.7 37.1
39 37.8 34.5 51.7





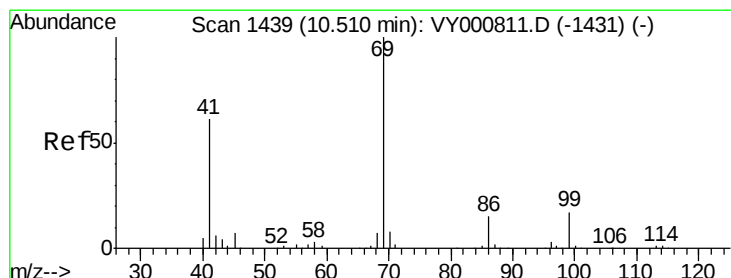
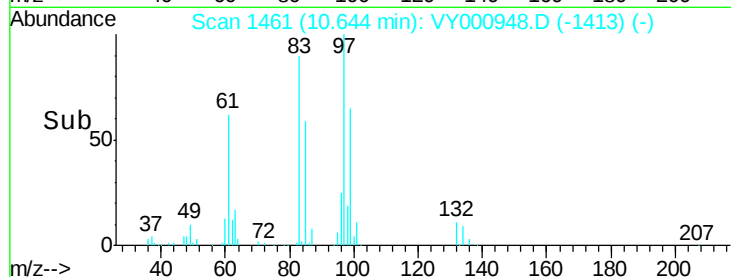
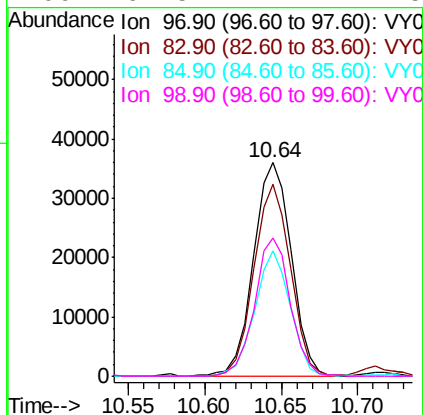
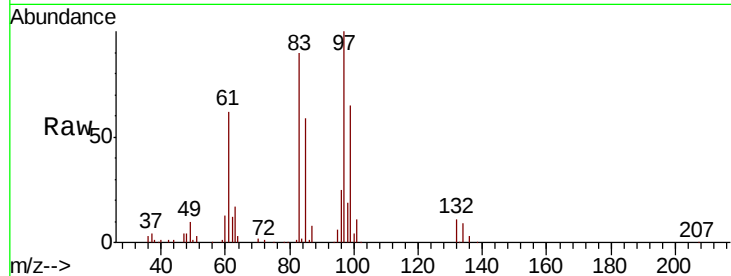
#55
 1,1,2-Trichloroethane
 Concen: 21.222 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion:	97	Resp:	61915
Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.5	101.3
85	58.6	44.5	66.7
99	64.5	47.7	71.5

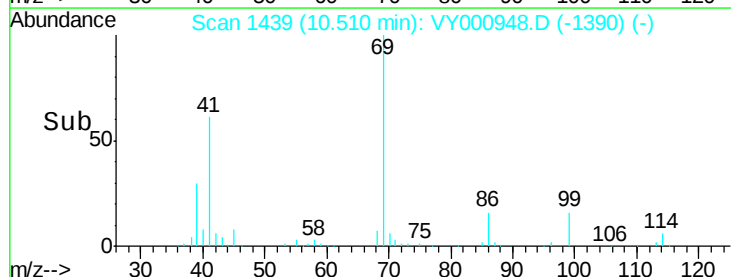
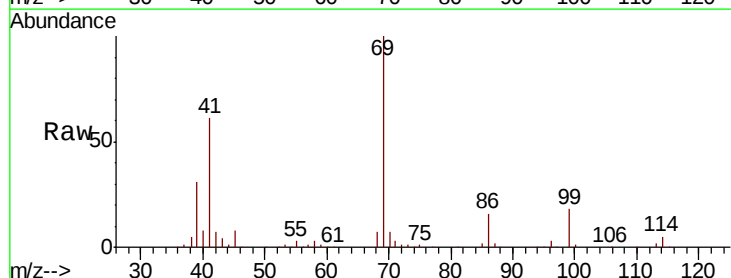
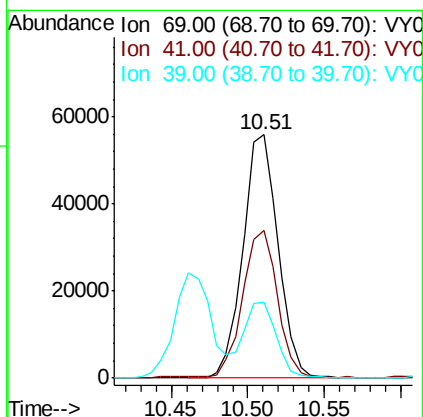
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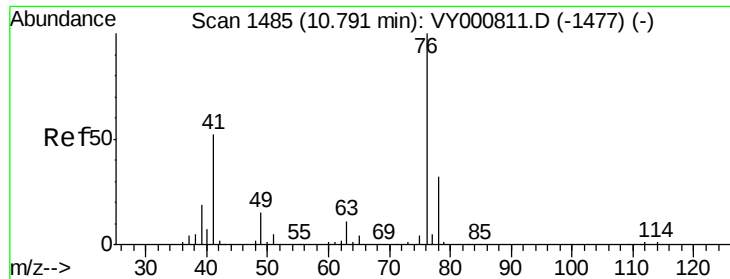
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#56
 Ethyl methacrylate
 Concen: 21.358 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion:	69	Resp:	89138
Ion	Ratio	Lower	Upper
69	100		
41	59.8	49.0	73.6
39	30.2	23.1	34.7





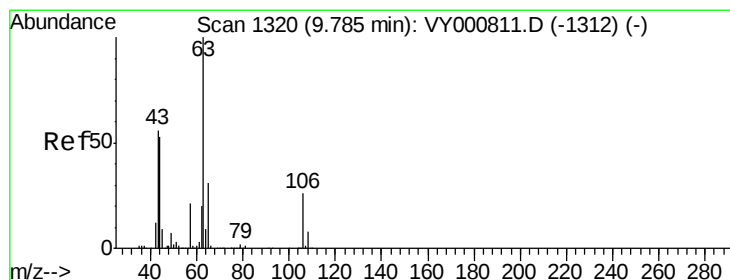
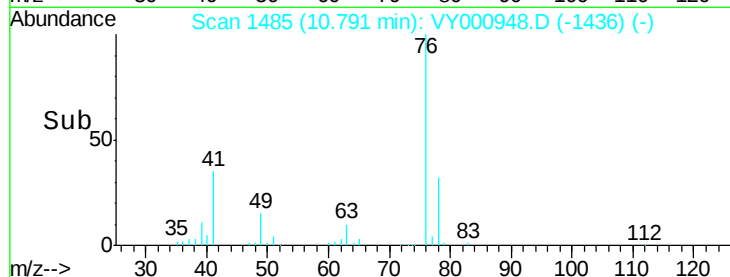
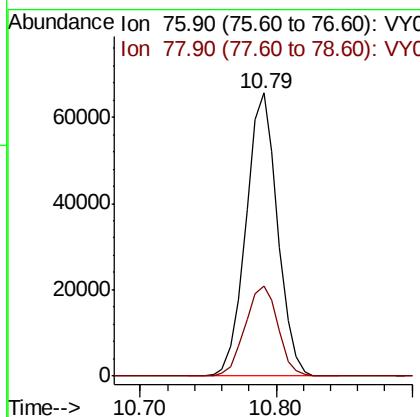
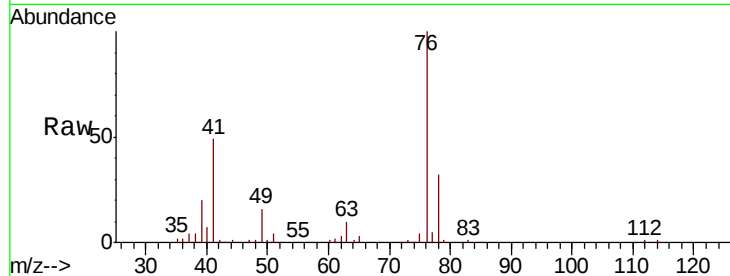
#57
 1,3-Dichloropropane
 Concen: 20.935 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.4	39.6

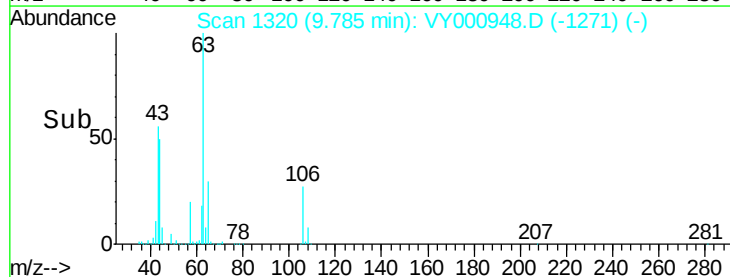
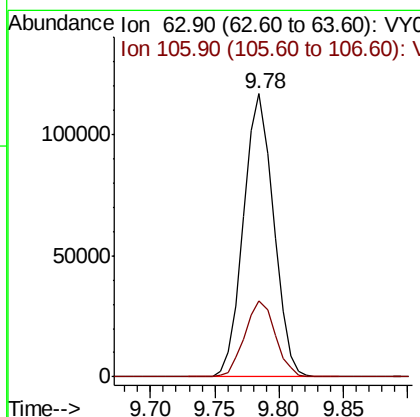
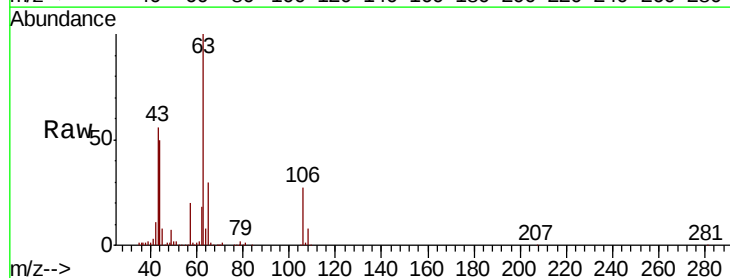
Manual Integrations
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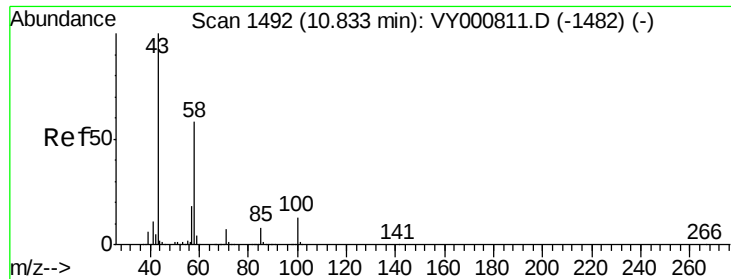
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.038 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.5	32.3





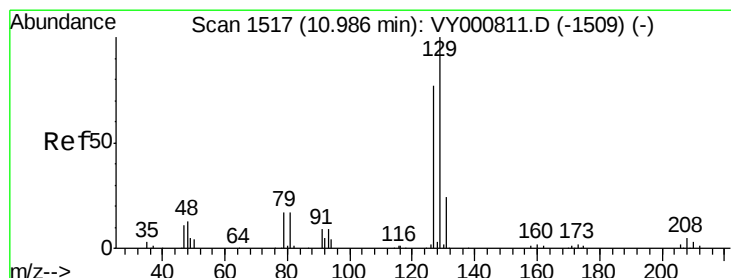
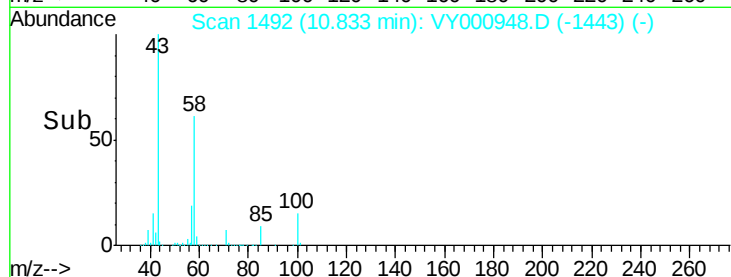
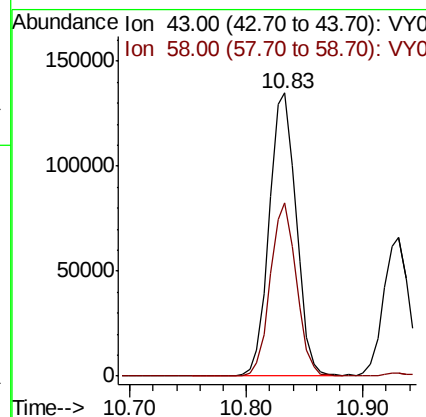
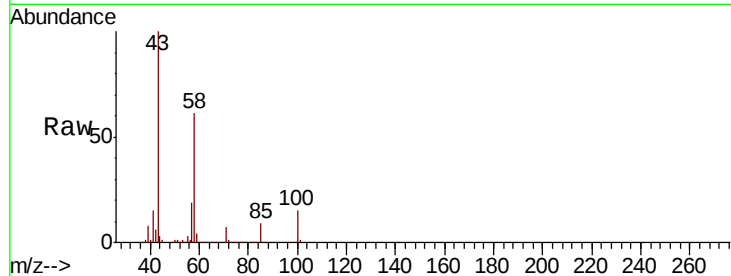
#59
2-Hexanone
Concen: 101.861 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	29.0	87.1

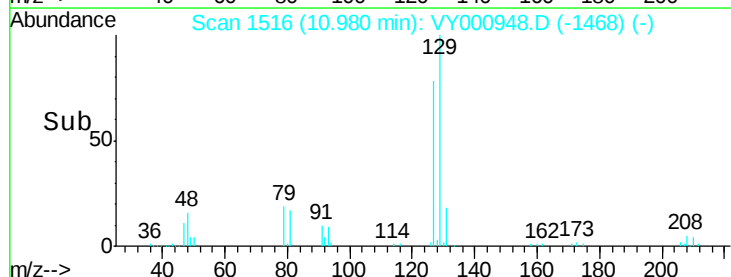
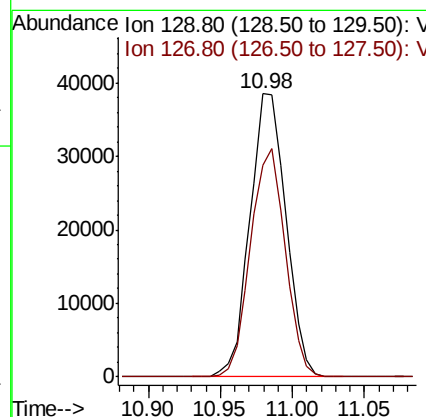
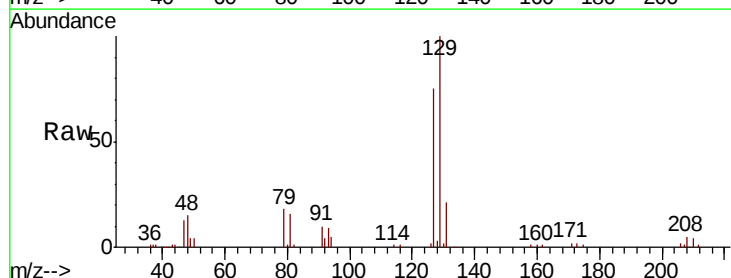
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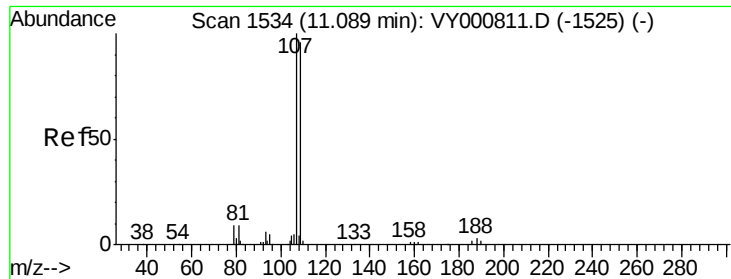
apatel
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#60
Dibromochloromethane
Concen: 21.244 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2





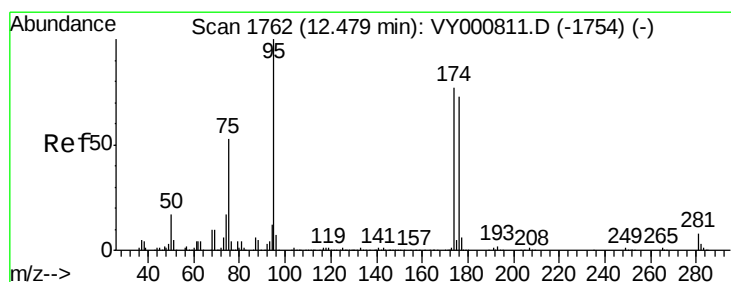
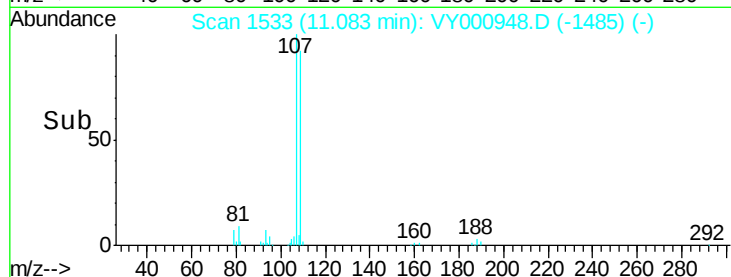
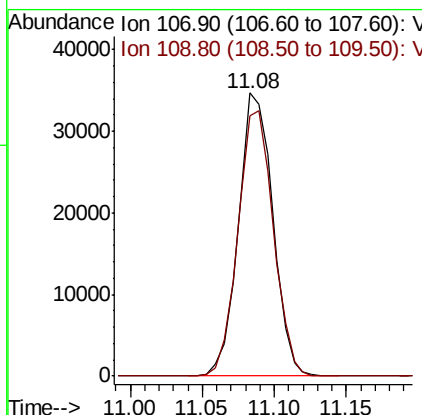
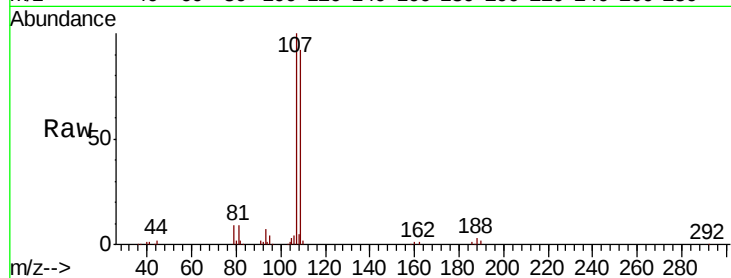
#61
 1,2-Dibromoethane
 Concen: 20.892 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion: 107 Resp: 57444
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.9 113.9

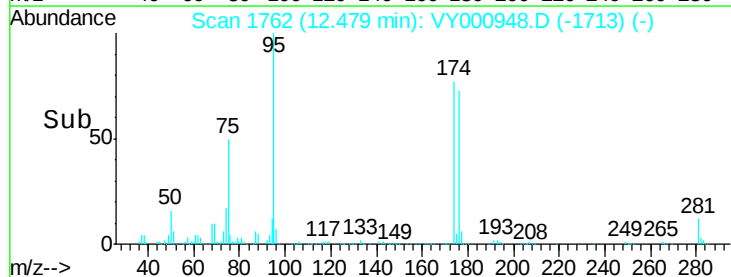
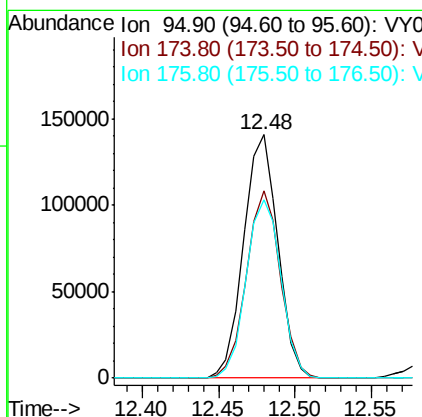
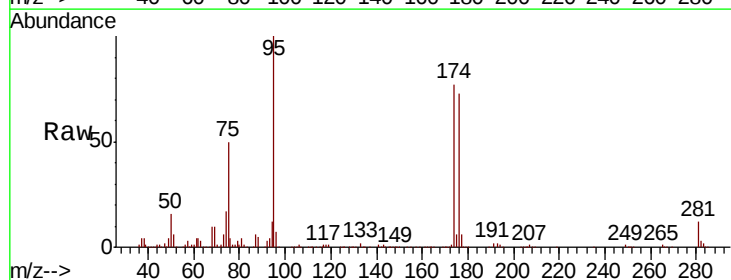
Manual Integrations
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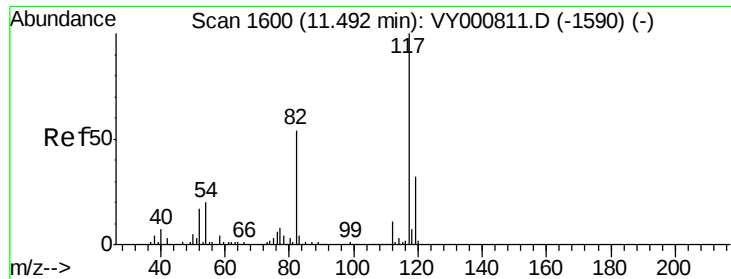
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.147 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion: 95 Resp: 218875
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.6
 176 74.8 0.0 145.2





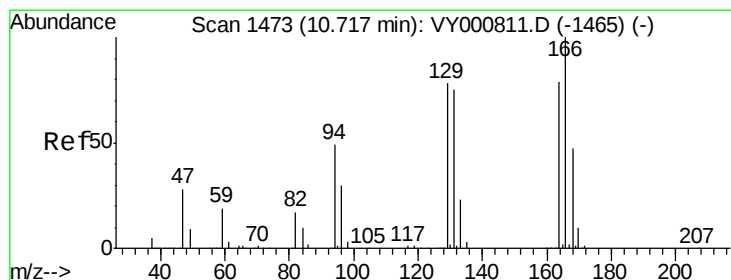
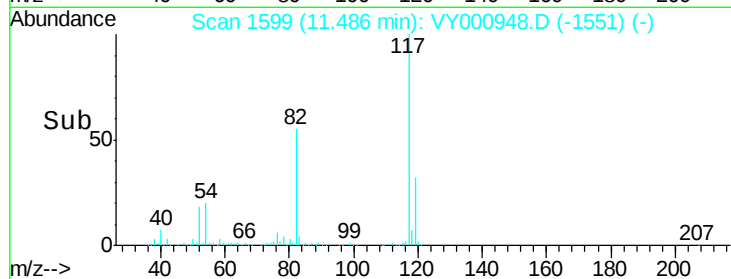
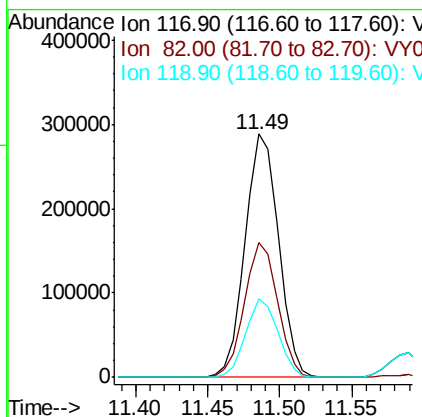
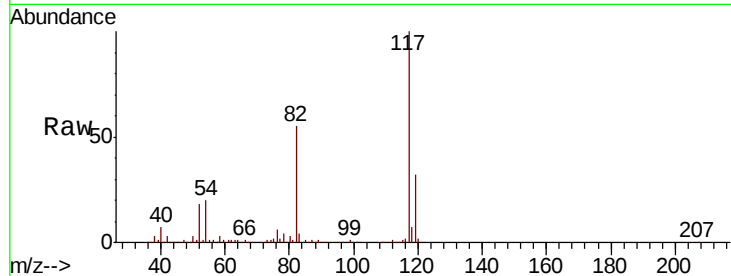
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463921		
82	55.4	43.1	64.7	
119	32.2	25.3	37.9	

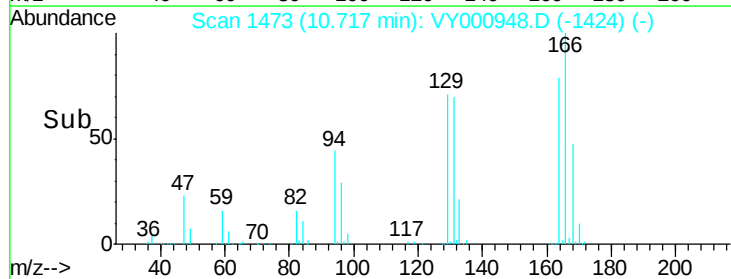
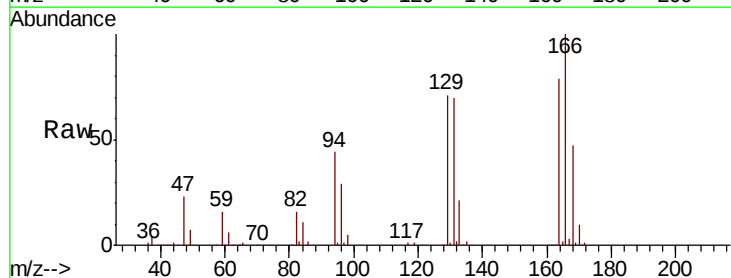
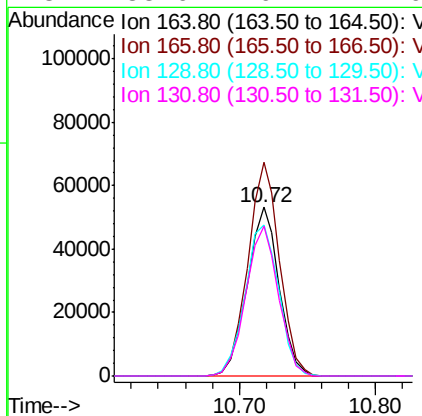
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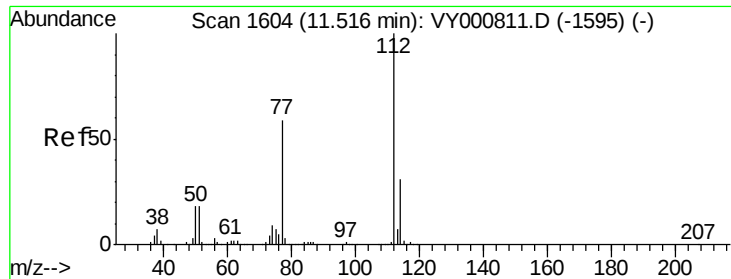
apatel
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#64
Tetrachloroethene
Concen: 21.706 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87488		
166	126.5	101.8	152.8	
129	89.6	79.3	118.9	
131	88.6	76.4	114.6	





#65

Chlorobenzene

Concen: 20.963 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:112 Resp: 202157

Ion Ratio Lower Upper

112 100

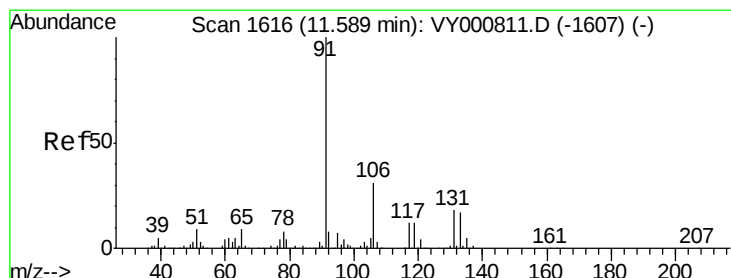
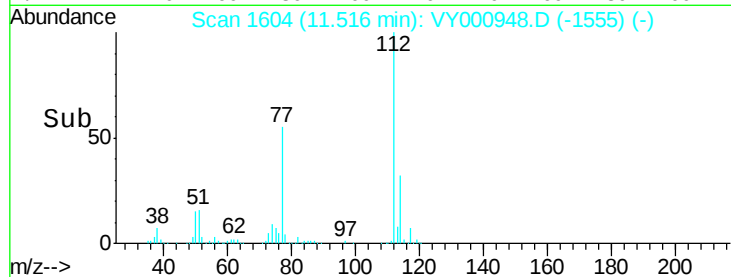
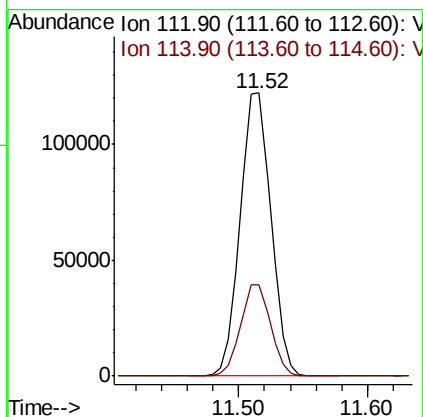
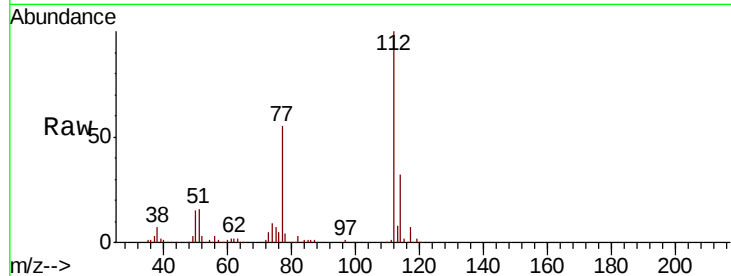
114 32.2 25.1 37.7

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.938 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

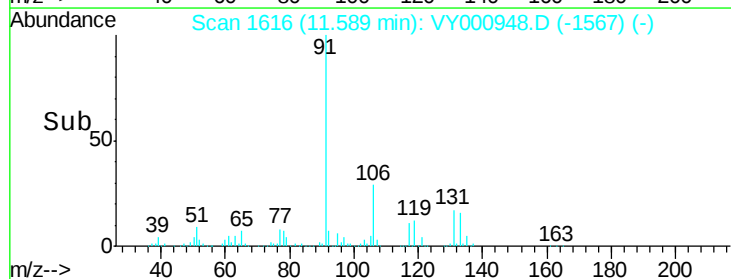
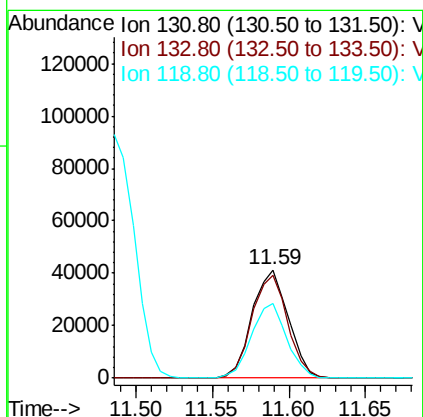
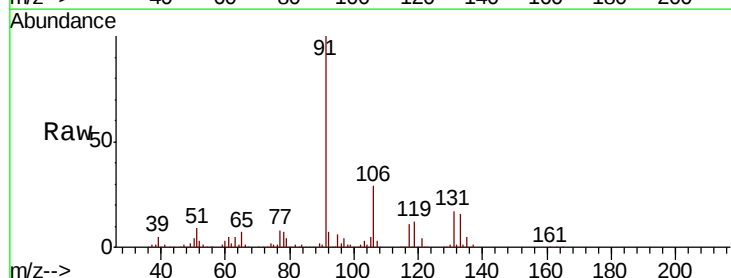
Tgt Ion:131 Resp: 68043

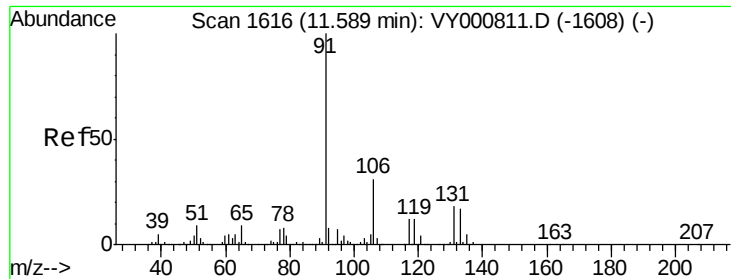
Ion Ratio Lower Upper

131 100

133 94.4 47.4 142.2

119 67.6 33.8 101.3





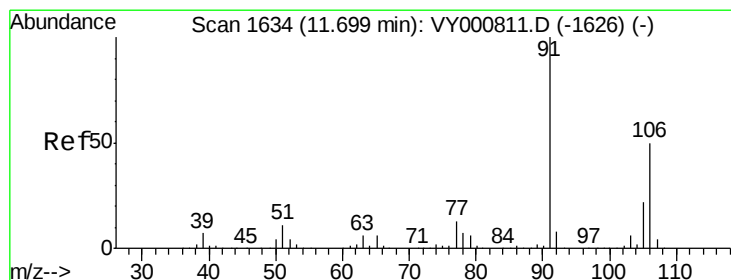
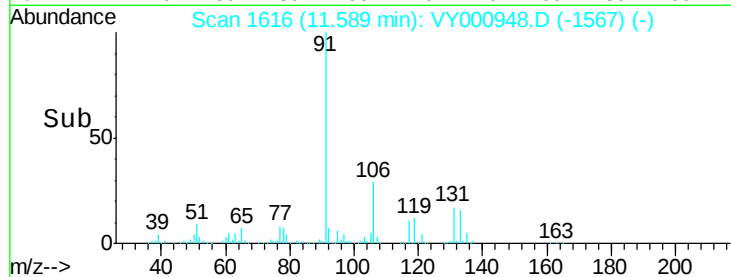
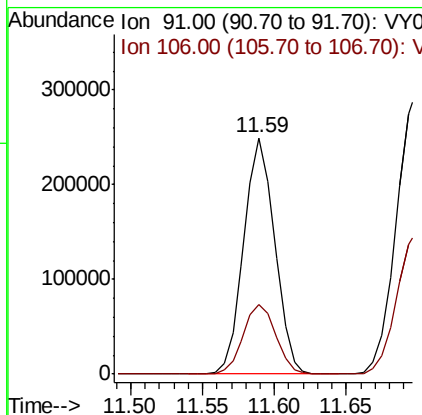
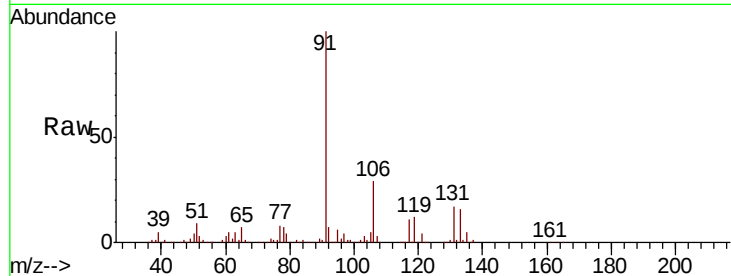
#67
Ethyl Benzene
Concen: 20.706 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 91 Resp: 371877
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6

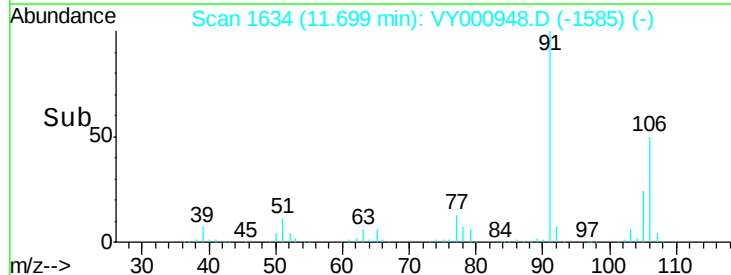
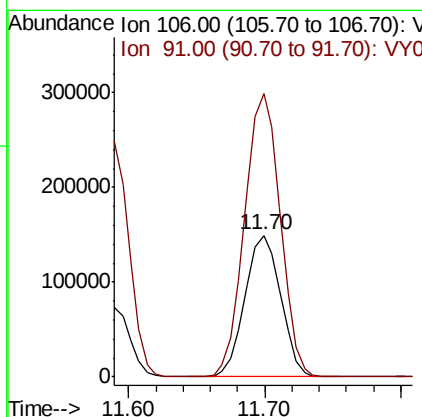
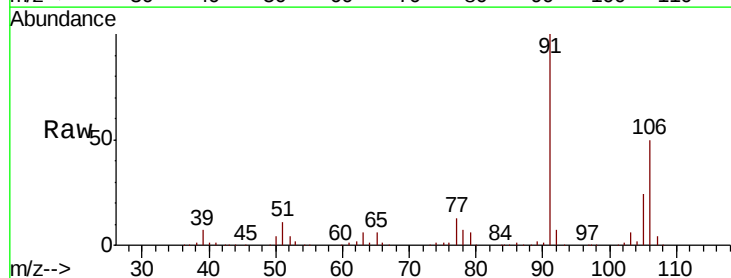
Manual Integrations
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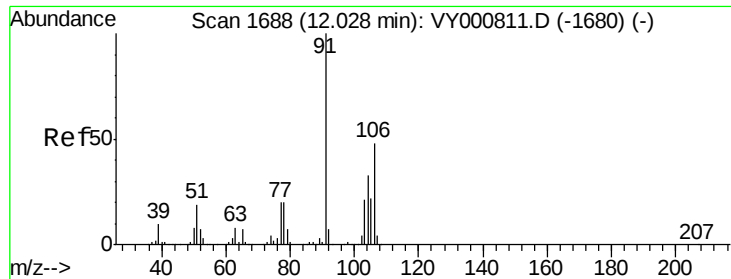
apatel
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#68
m/p-Xylenes
Concen: 40.887 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion: 106 Resp: 275622
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4





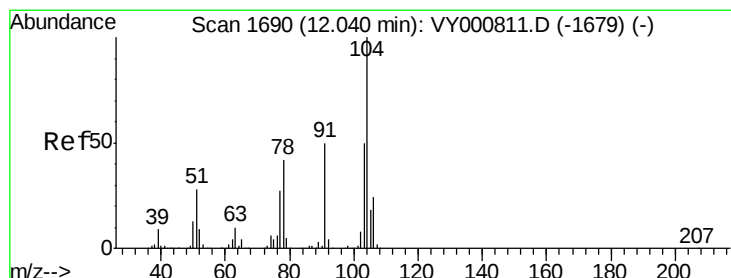
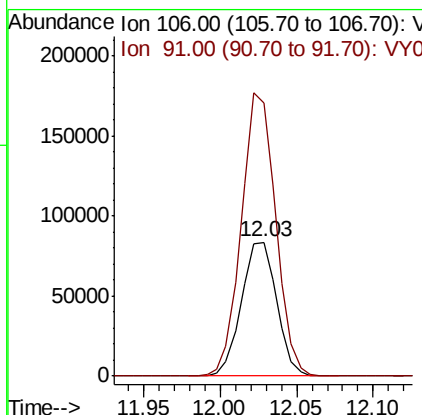
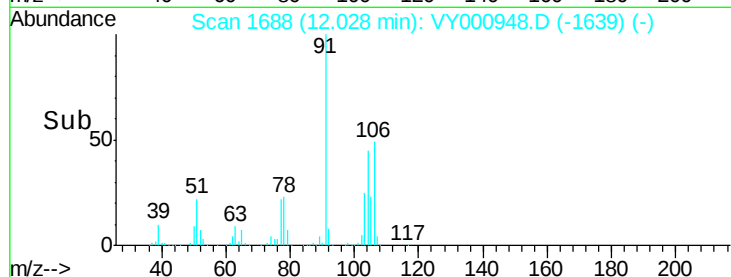
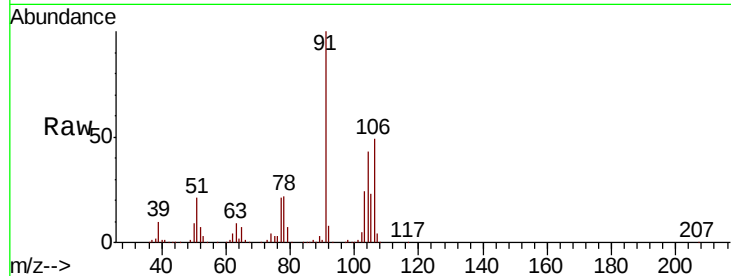
#69
o-Xylene
Concen: 21.280 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.3	106.1	133748	318.1	

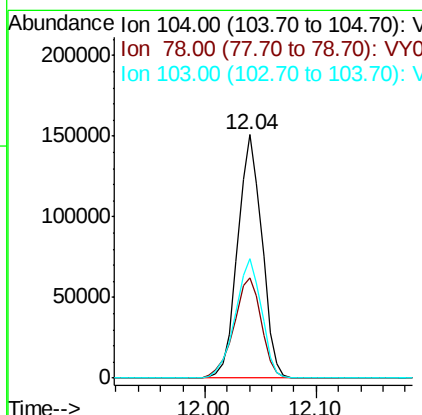
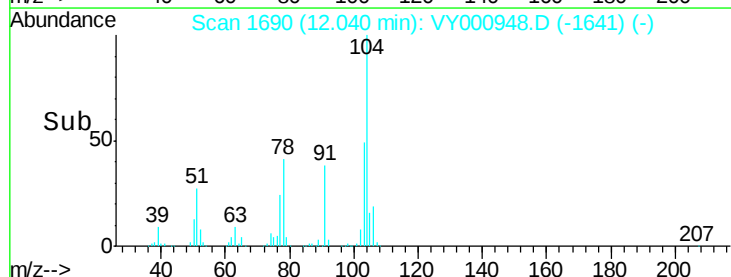
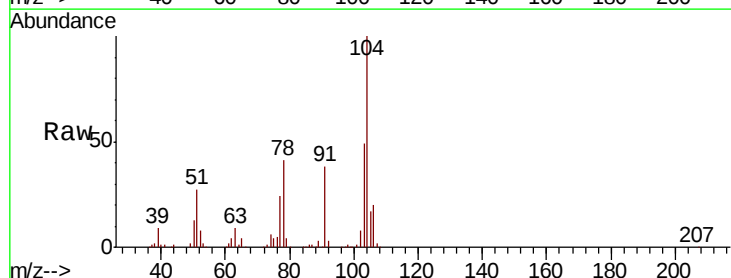
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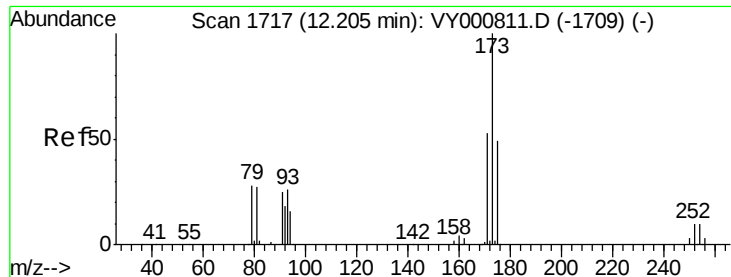
apatel
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#70
Styrene
Concen: 21.159 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.4	38.2	227715	57.4	
103	53.2	43.4		65.0	





#71

Bromoform

Concen: 20.946 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:173 Resp: 38392

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

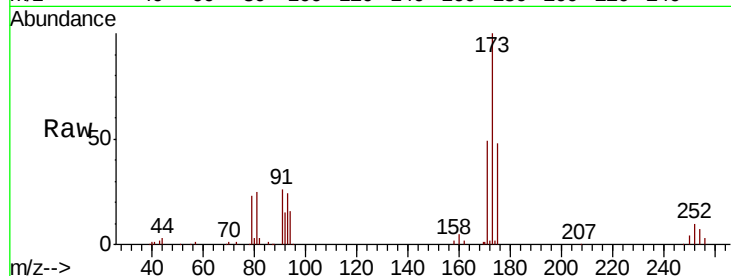
254 0.0 0.0 0.0

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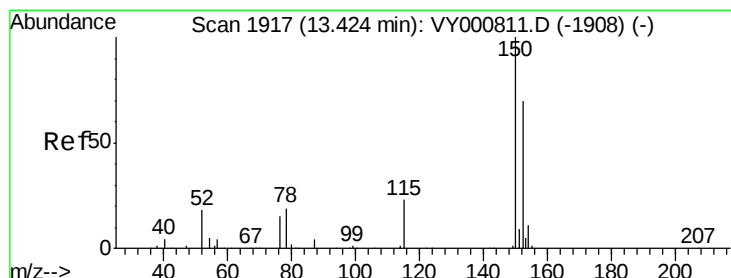
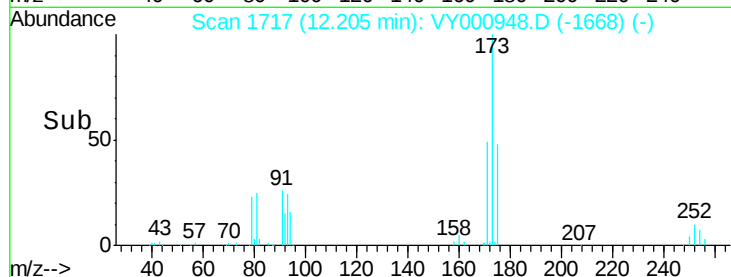
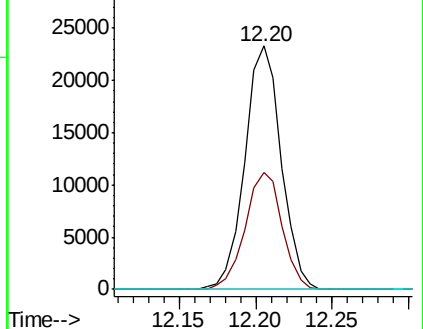
12/17/2019 12:49:50 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

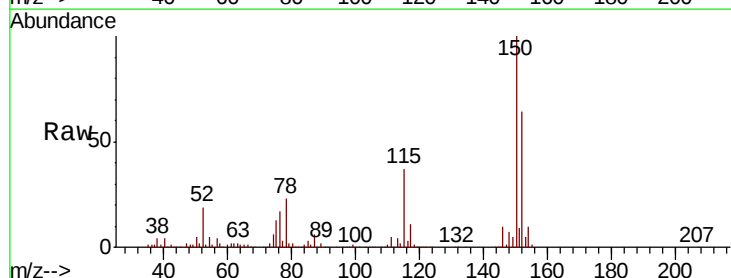
Tgt Ion:152 Resp: 217820

Ion Ratio Lower Upper

152 100

115 60.0 29.3 87.8

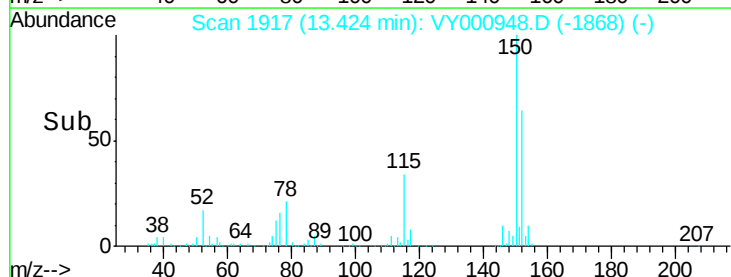
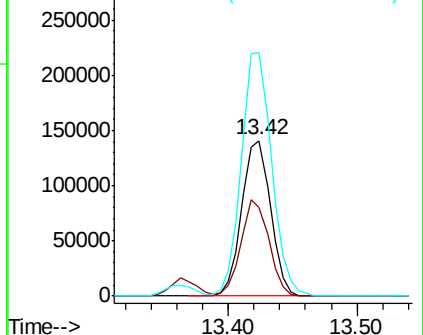
150 165.4 0.0 351.2

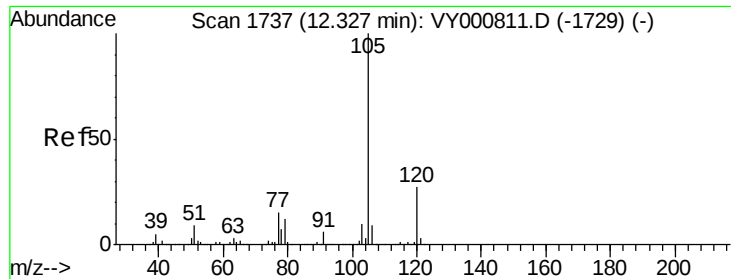


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.640 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 105 Resp: 357965

Ion Ratio Lower Upper

105 100

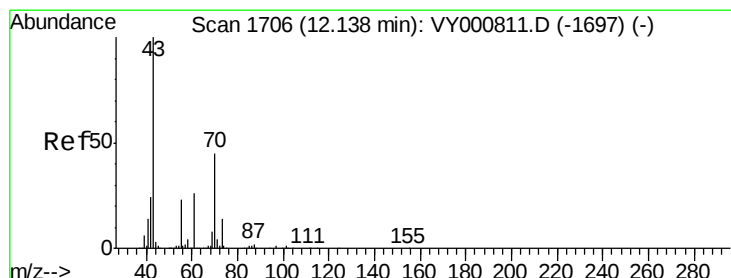
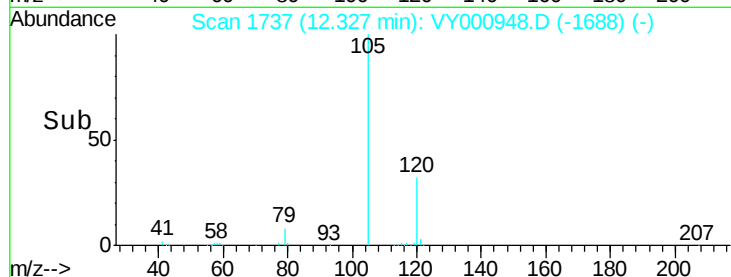
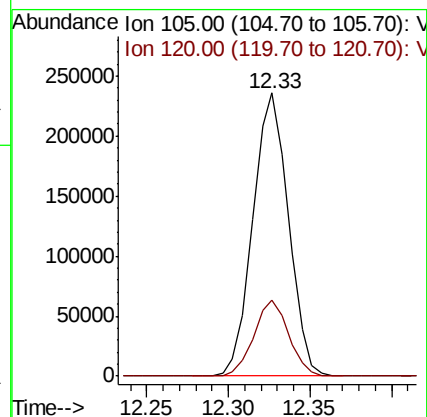
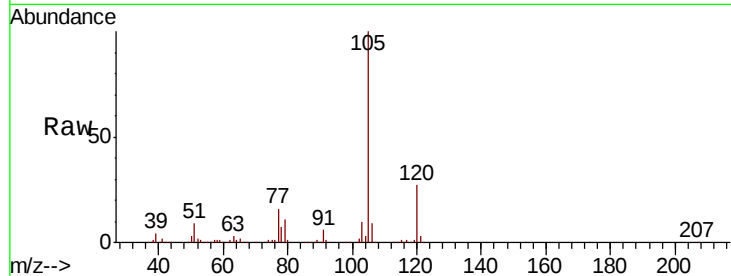
120 26.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.013 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion: 43 Resp: 101437

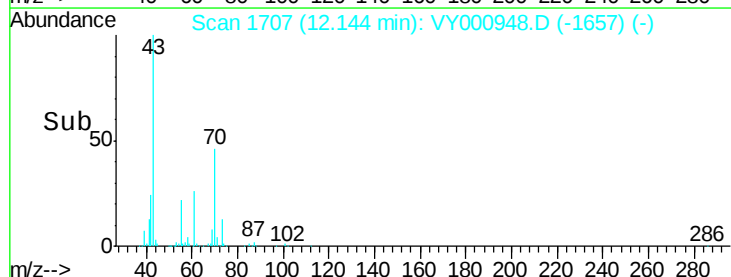
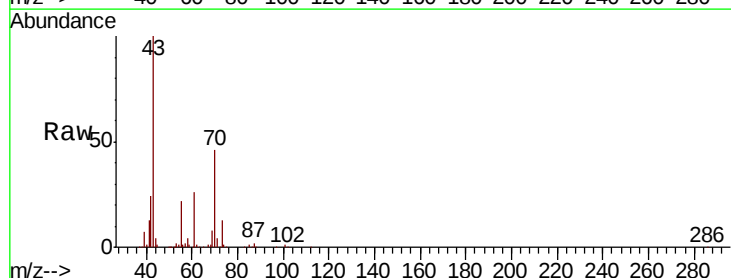
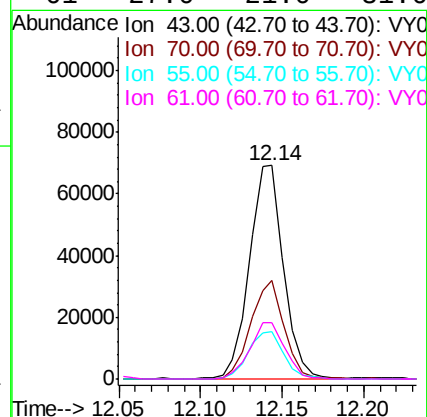
Ion Ratio Lower Upper

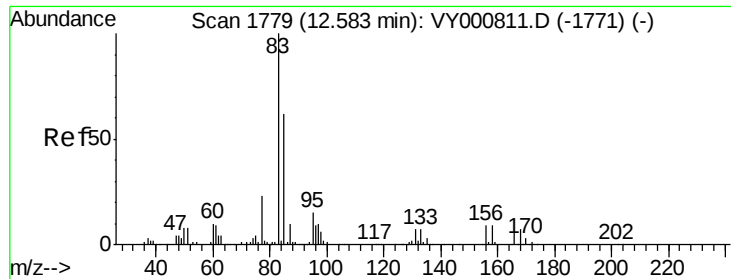
43 100

70 45.1 36.6 54.8

55 22.9 18.8 28.2

61 27.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.385 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

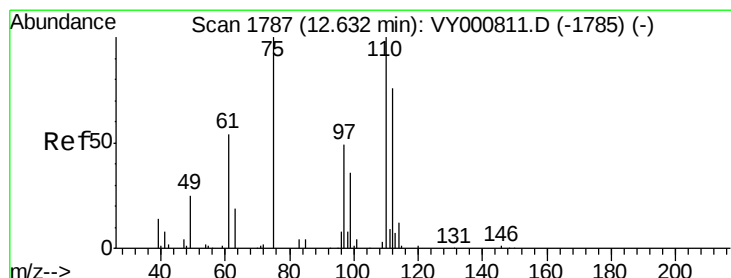
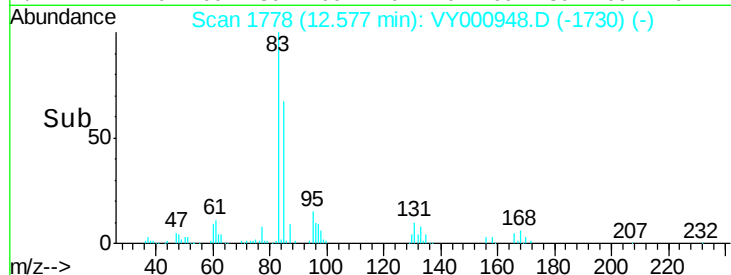
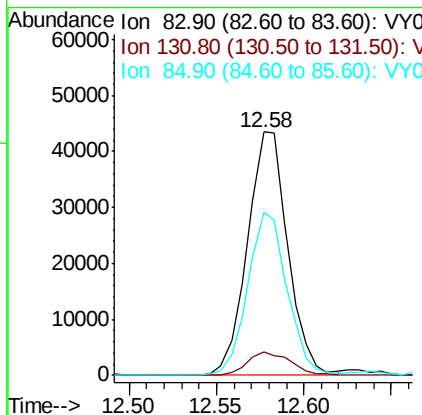
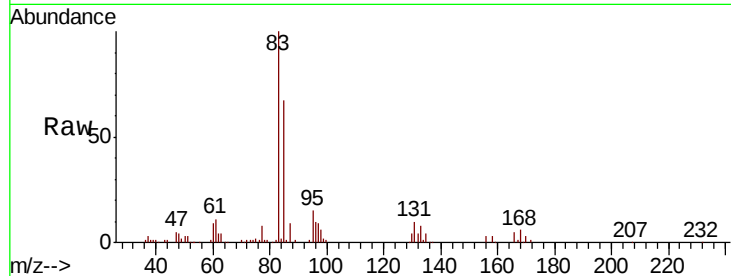
ClientSampleId :

VY1216SBS01

Tot Ion:	83	Resp:	69661
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.3	13.1
85	65.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.243 ug/l m

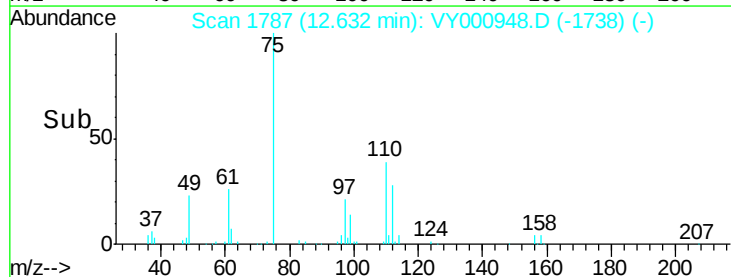
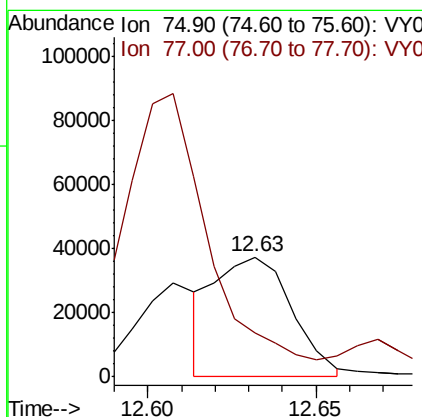
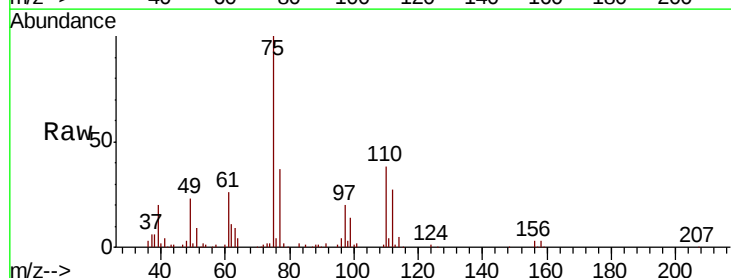
RT: 12.63 min Scan# 1787

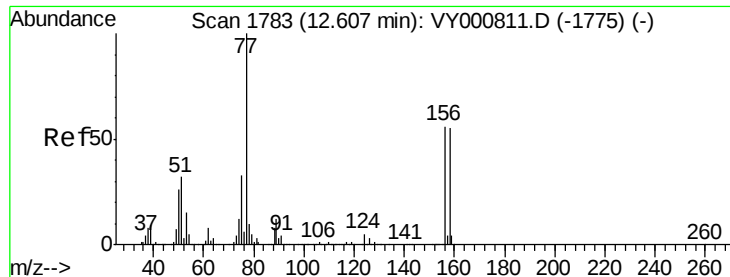
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	75	Resp:	59829
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.530 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:156 Resp: 77180

Ion Ratio Lower Upper

156 100

77 206.2 102.6 307.7

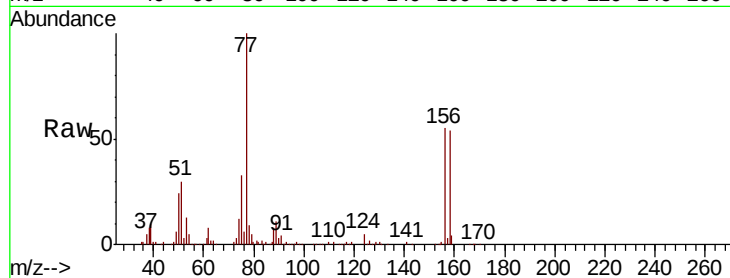
158 97.7 47.6 142.8

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

120000

100000

80000

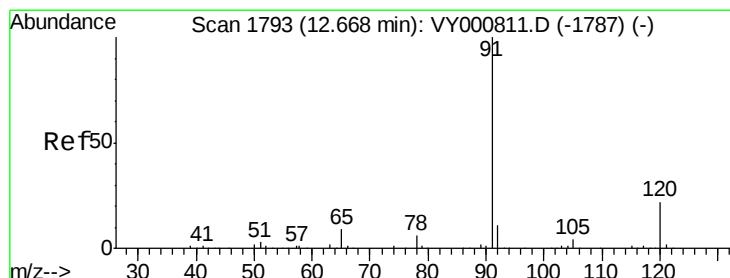
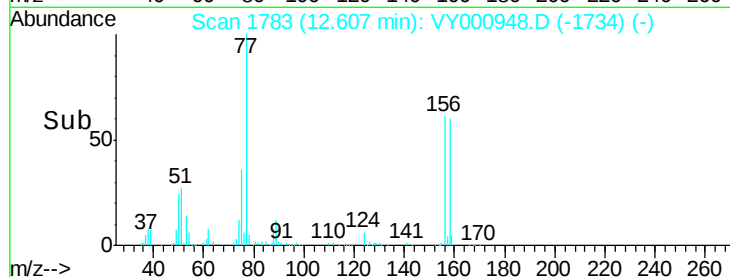
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 20.338 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000948.D

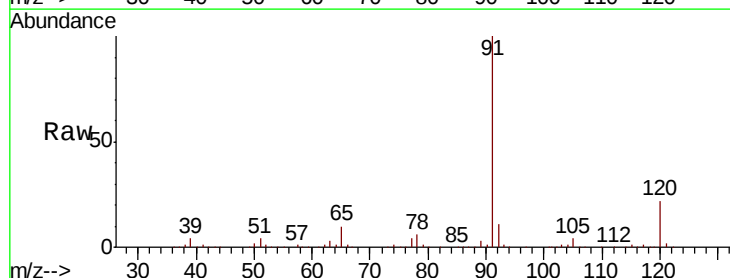
Acq: 16 Dec 2019 12:14

Tgt Ion: 91 Resp: 430689

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

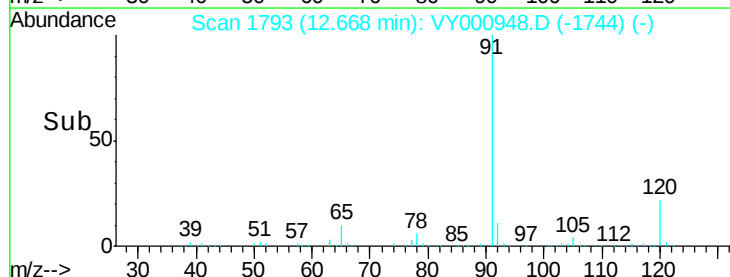
300000

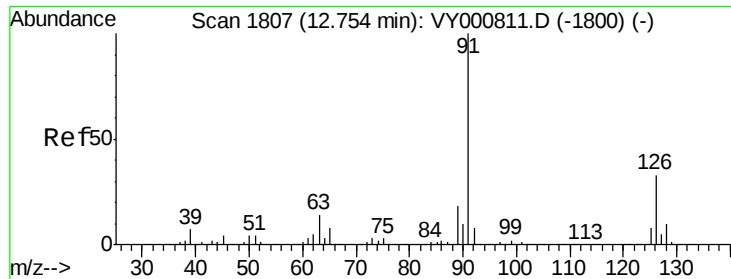
200000

100000

0

Time-->





#79

2-Chlorotoluene

Concen: 19.893 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 91 Resp: 232726

Ion Ratio Lower Upper

91 100

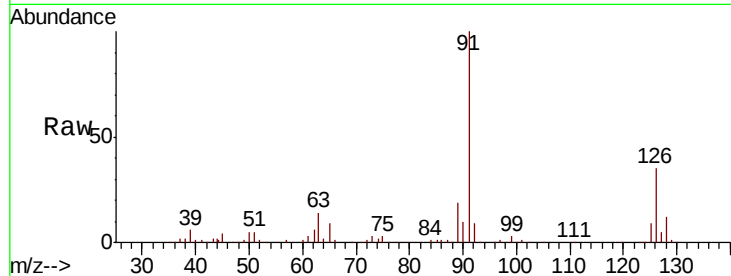
126 36.0 17.0 51.0

Manual Integrations

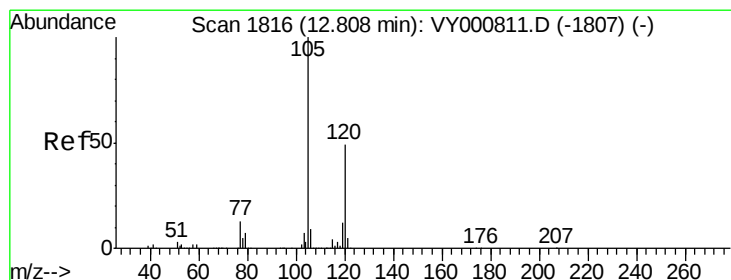
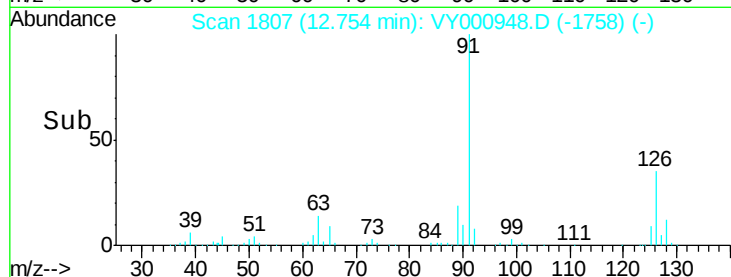
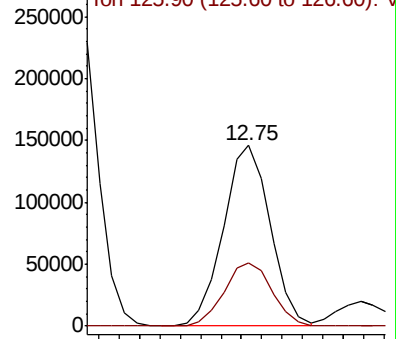
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Abundance Ion 91.00 (90.70 to 91.70): VY000948.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.790 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000948.D

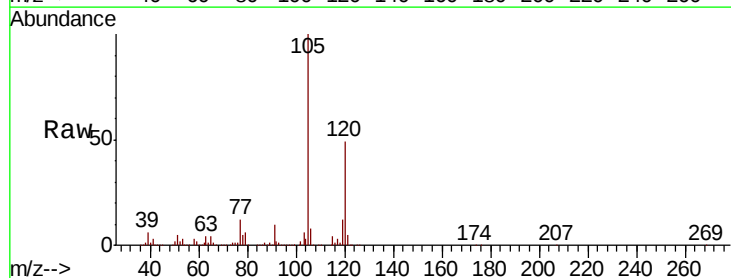
Acq: 16 Dec 2019 12:14

Tgt Ion: 105 Resp: 298548

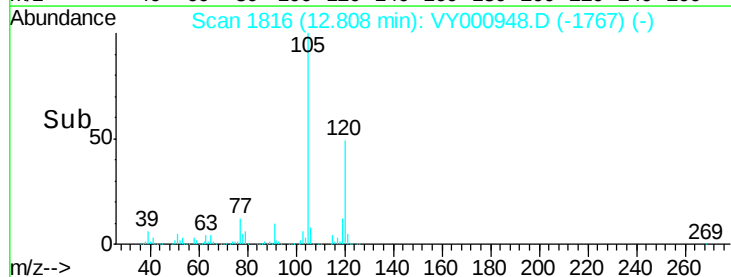
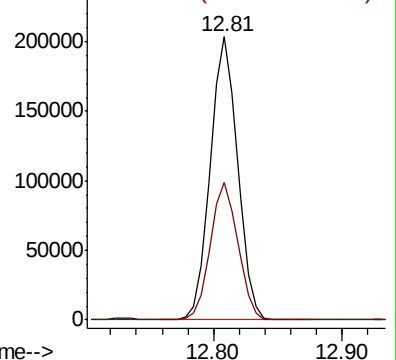
Ion Ratio Lower Upper

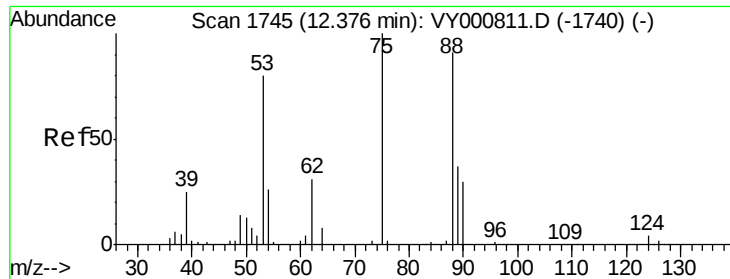
105 100

120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000948.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.963 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

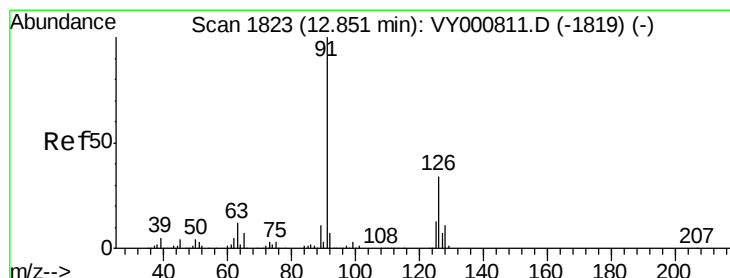
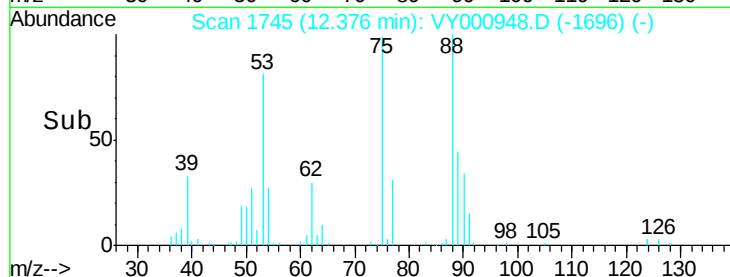
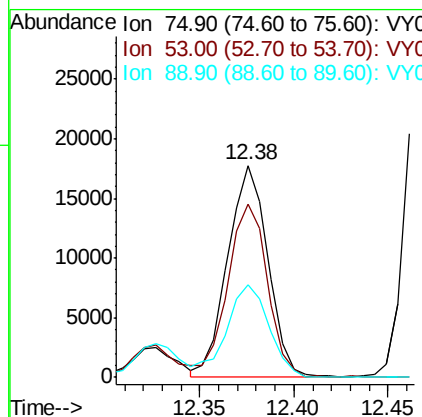
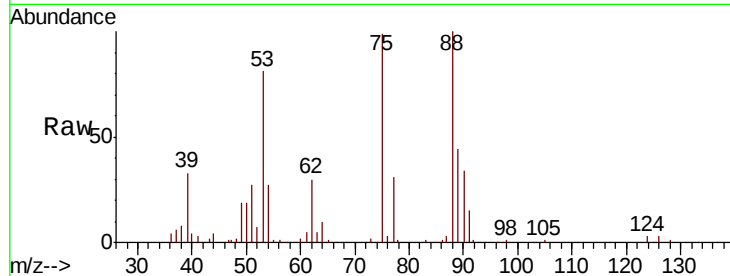
ClientSampleId :

VY1216SBS01

Tot Ion:	75	Resp:	26337
Ion Ratio	Lower	Upper	
75	100		
53	81.4	64.6	96.8
89	46.4	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.555 ug/l

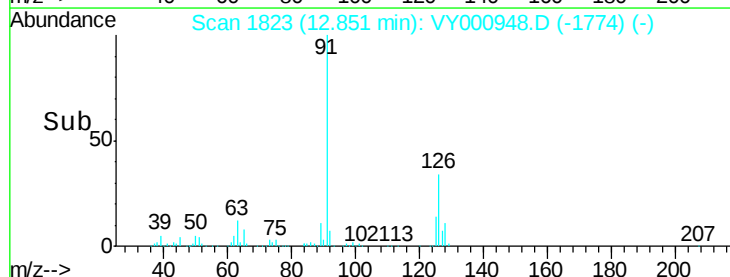
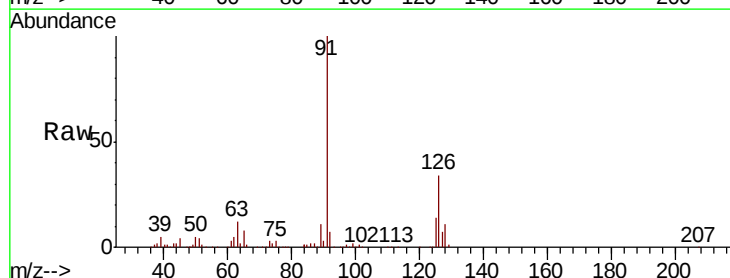
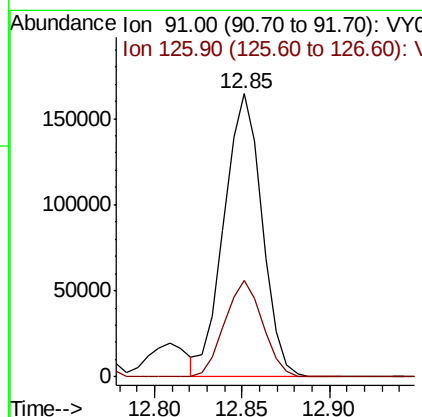
RT: 12.85 min Scan# 1823

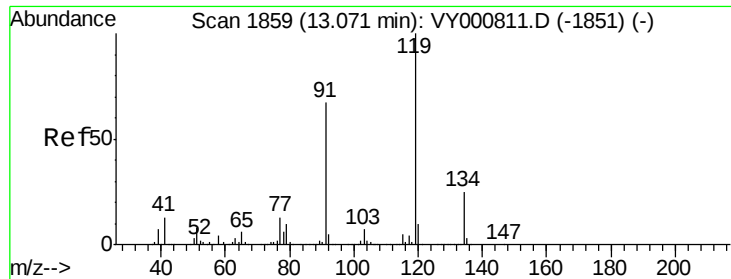
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	91	Resp:	247747
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.3	51.9





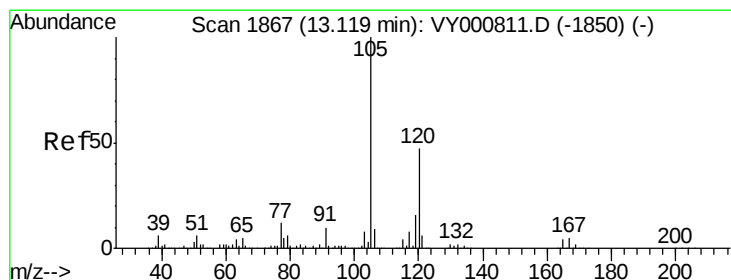
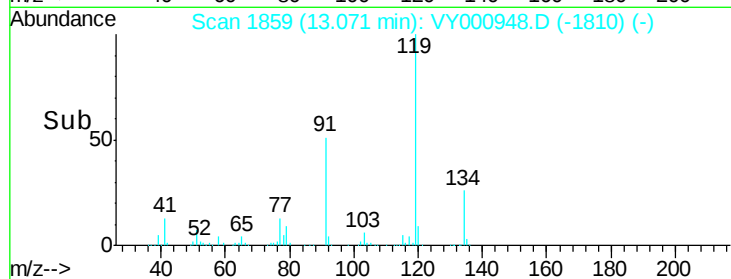
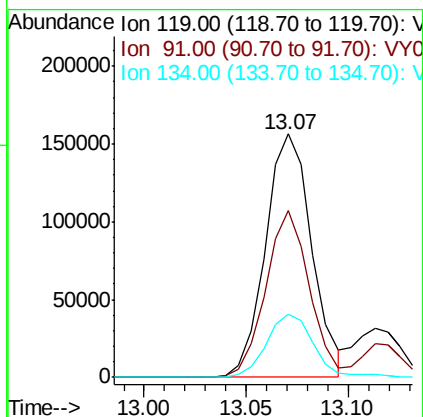
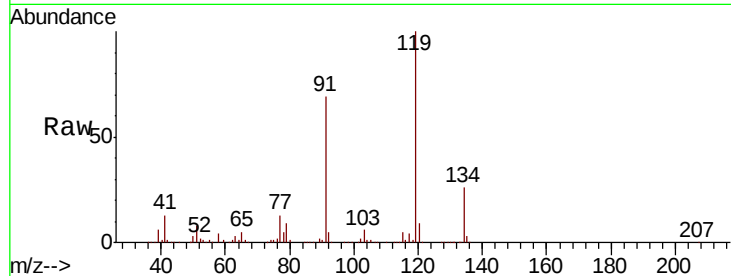
#83
tert-Butylbenzene
Concen: 20.425 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.3	96.8
134	26.6	12.9	38.7

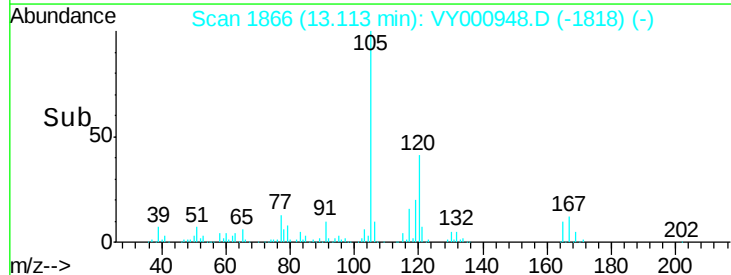
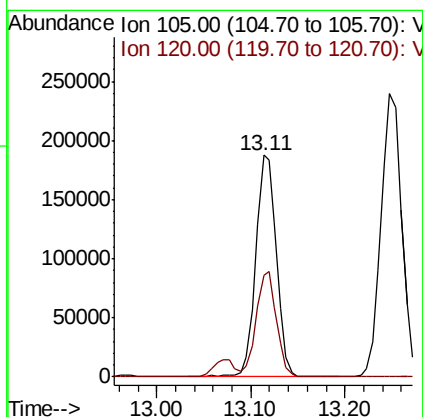
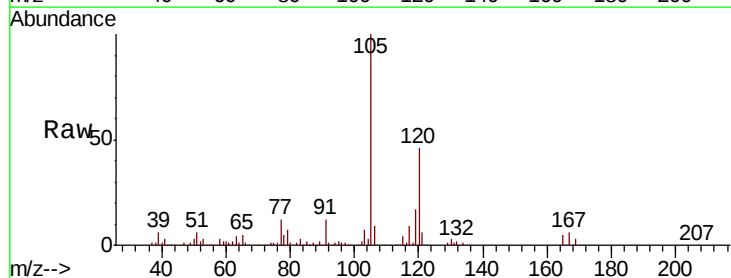
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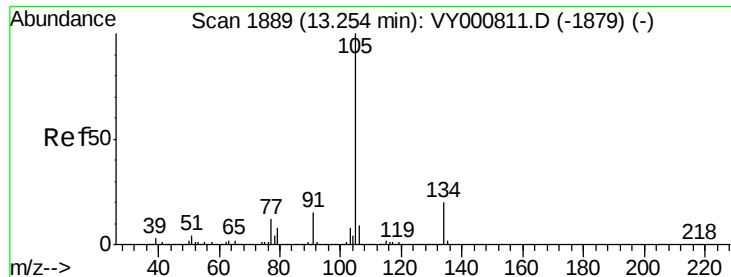
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#84
1,2,4-Trimethylbenzene
Concen: 20.208 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.789 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:105 Resp: 365019

Ion Ratio Lower Upper

105 100

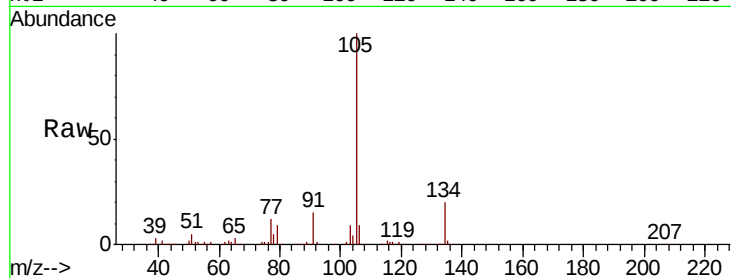
134 19.9 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

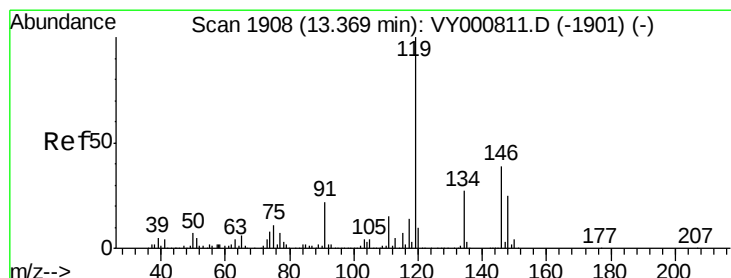
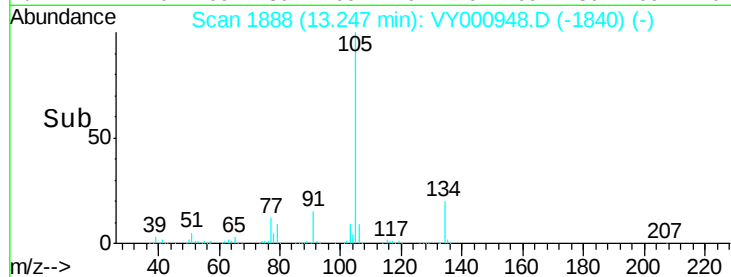
100000

50000

0

13.15 13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.915 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

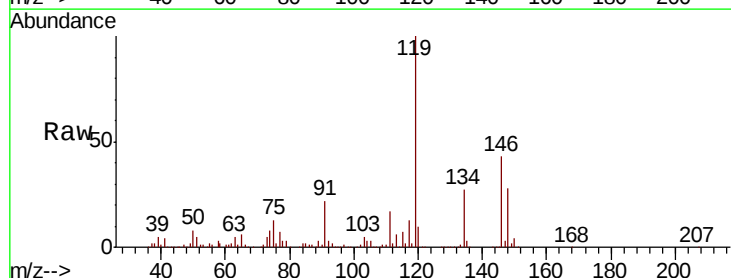
Tgt Ion:119 Resp: 319406

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 22.3 11.5 34.5



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

300000

250000

200000

150000

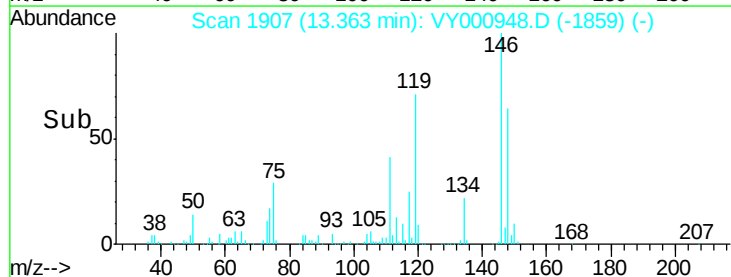
100000

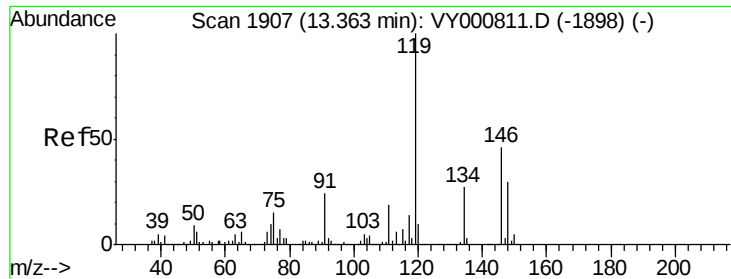
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.775 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

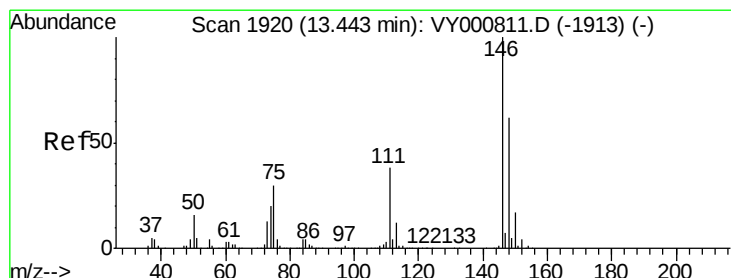
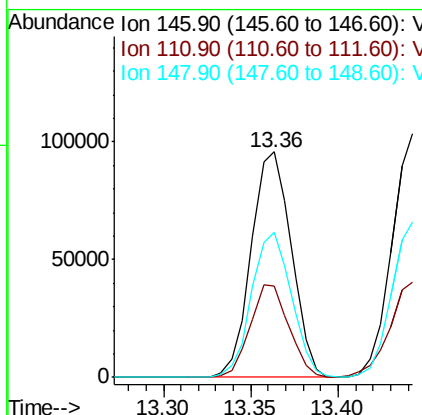
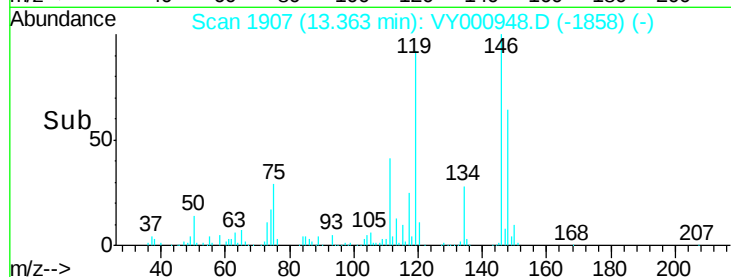
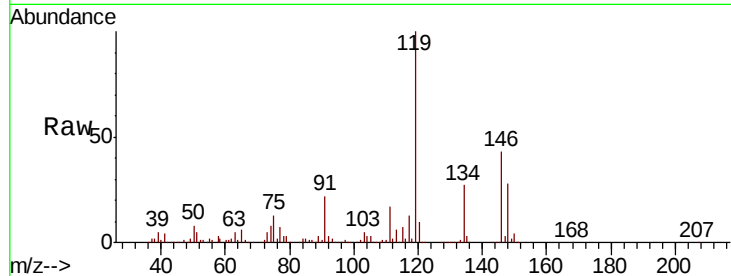
ClientSampleId :

VY1216SBS01

Tot Ion:	146	Resp:	153214
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.0	60.0
148	63.8	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 21.114 ug/l

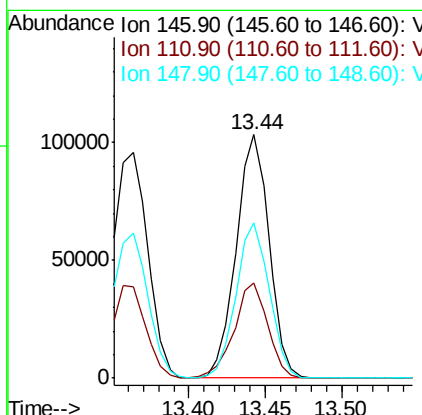
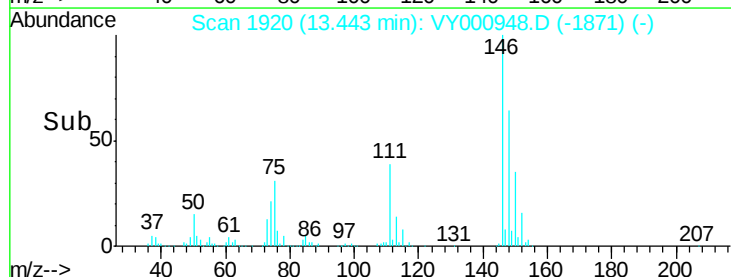
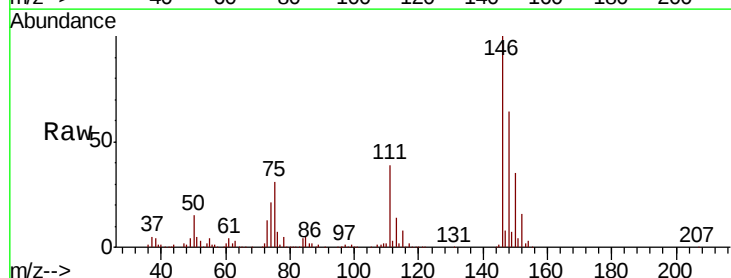
RT: 13.44 min Scan# 1920

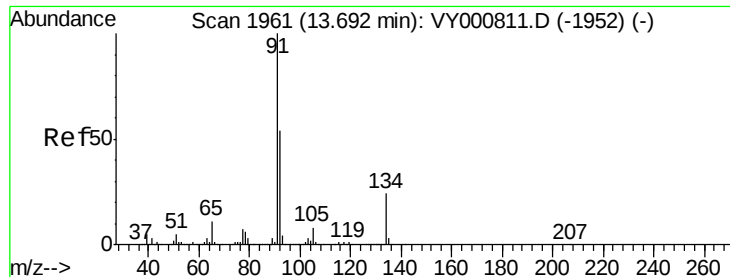
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	146	Resp:	154179
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.0	59.9
148	64.8	31.7	95.1





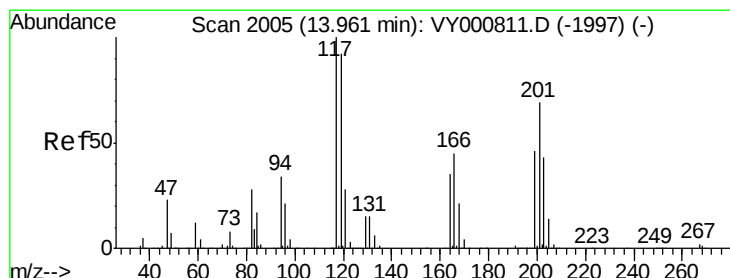
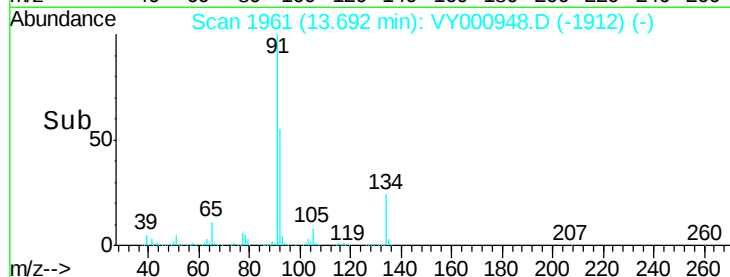
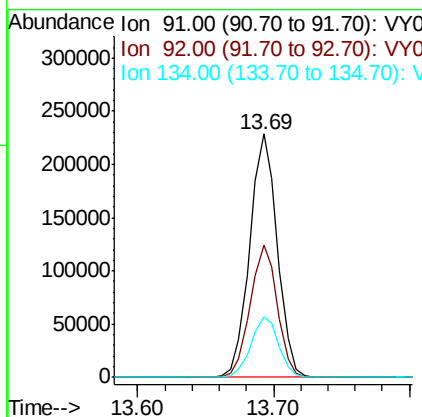
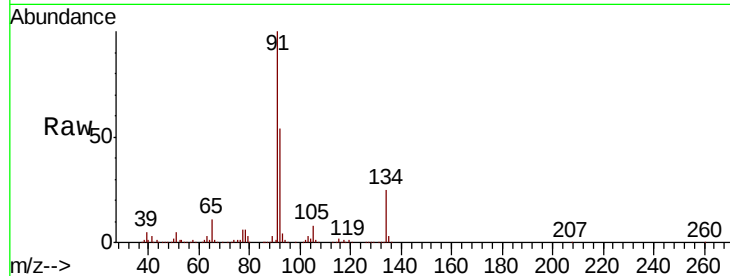
#89
n-Butylbenzene
Concen: 20.995 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	53.8	26.9	80.7	
134	25.0	12.6	37.6	

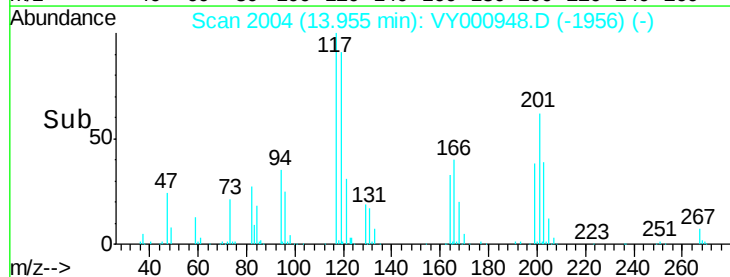
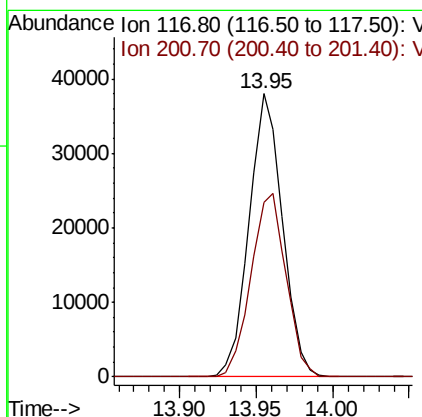
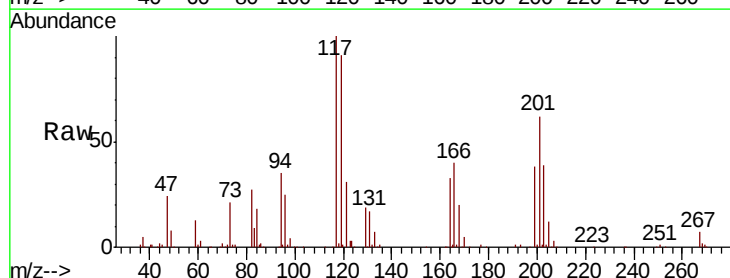
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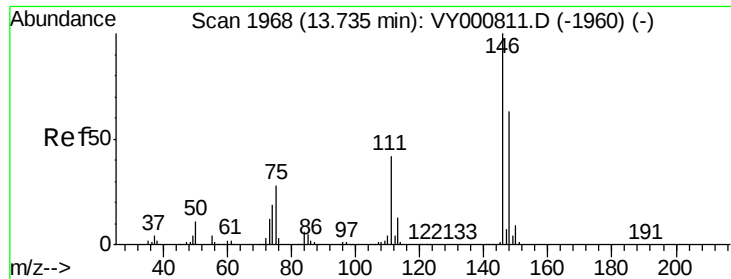
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#90
Hexachloroethane
Concen: 20.526 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	68.2	34.0	102.0	





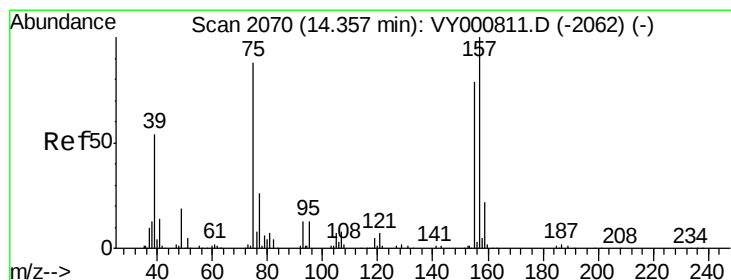
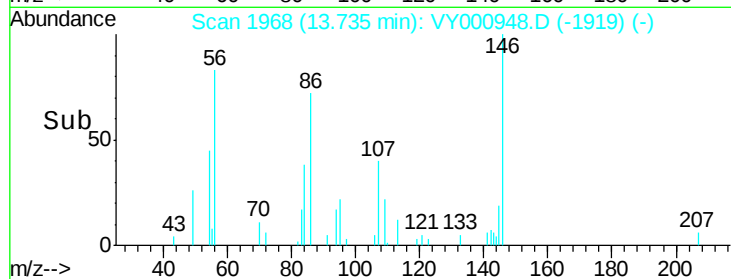
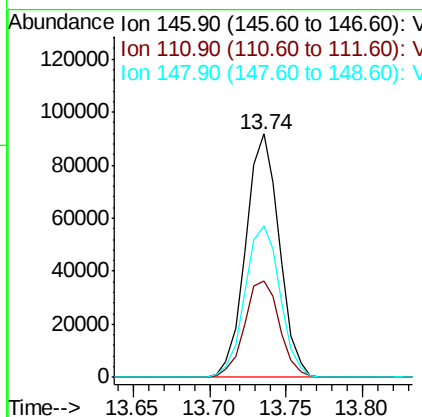
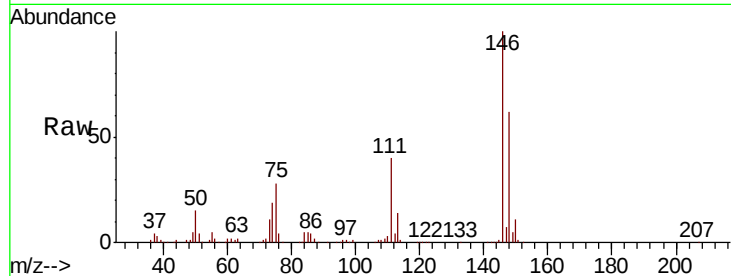
#91
 1,2-Dichlorobenzene
 Concen: 21.133 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.7
148	65.1	32.1	96.3

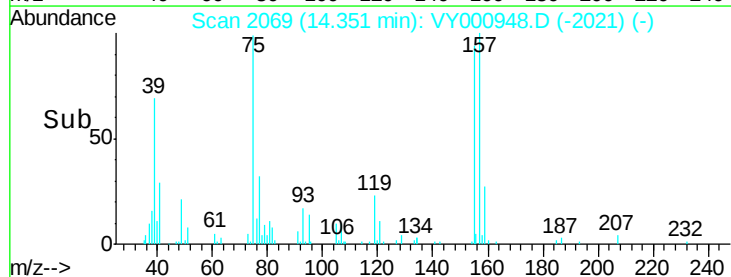
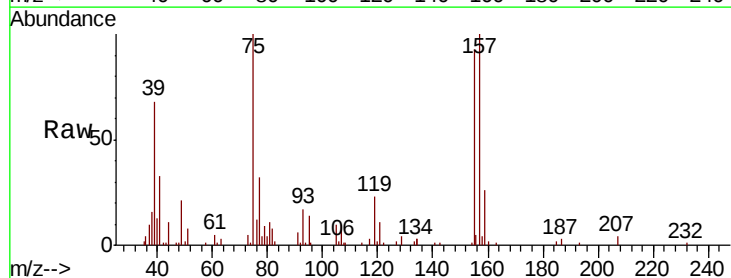
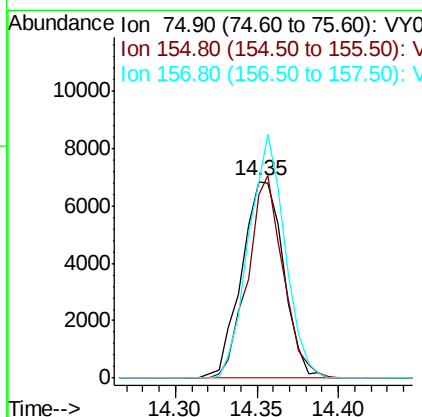
Manual Integrations
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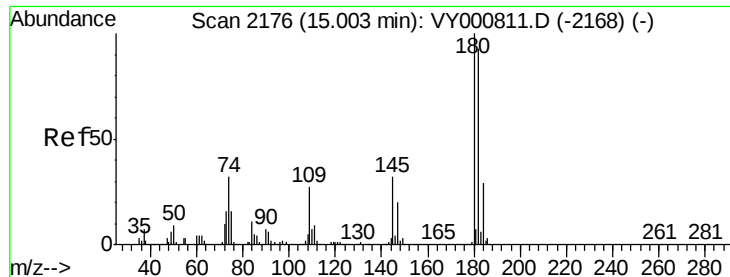
apatel
 12/17/2019 12:49:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.337 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000948.D
 Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	44.3	132.9
157	107.5	56.3	168.9





#93

1,2,4-Trichlorobenzene

Concen: 21.797 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Instrument :

MSVOA_Y

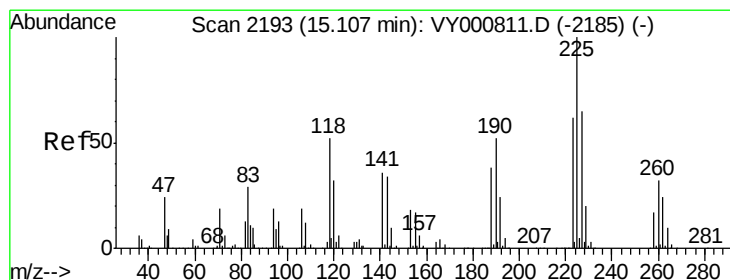
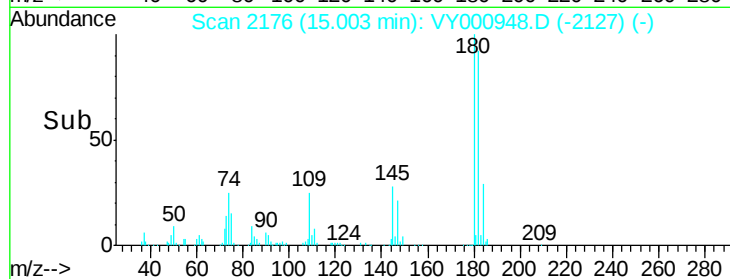
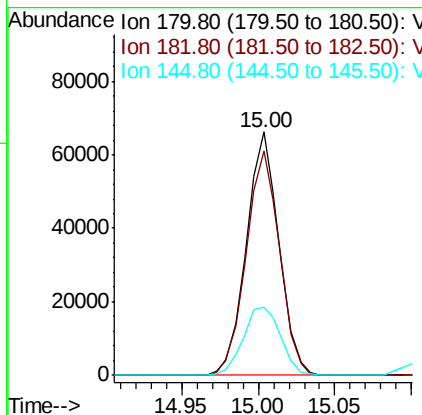
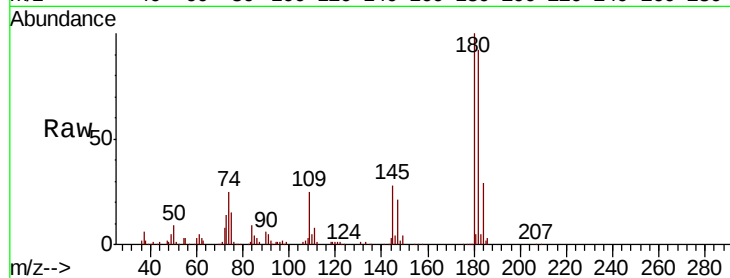
ClientSampleId :

VY1216SBS01

Tot Ion:	180	Resp:	97843
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	141.9
145	32.1	16.0	47.9

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 21.784 ug/l

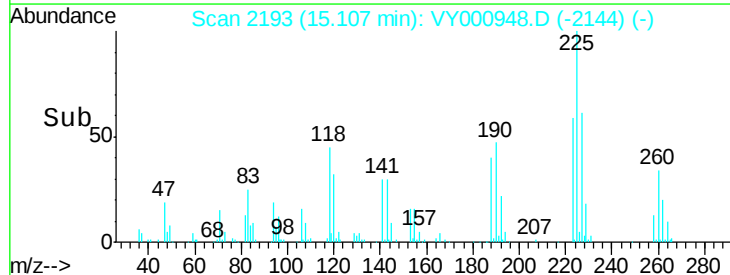
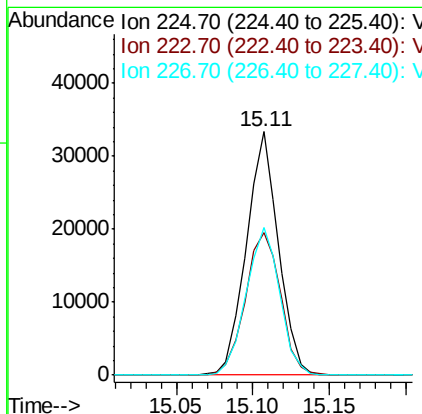
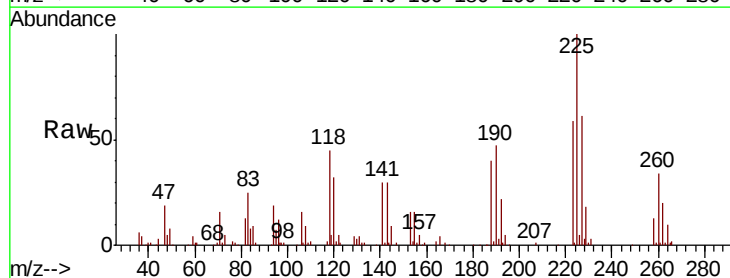
RT: 15.11 min Scan# 2193

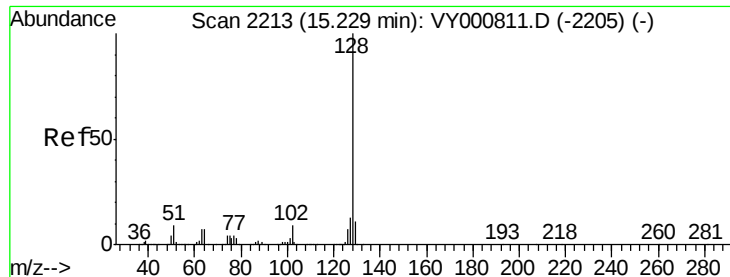
Delta R.T. 0.00 min

Lab File: VY000948.D

Acq: 16 Dec 2019 12:14

Tgt Ion:	225	Resp:	48480
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.4	94.3
227	63.6	31.8	95.3





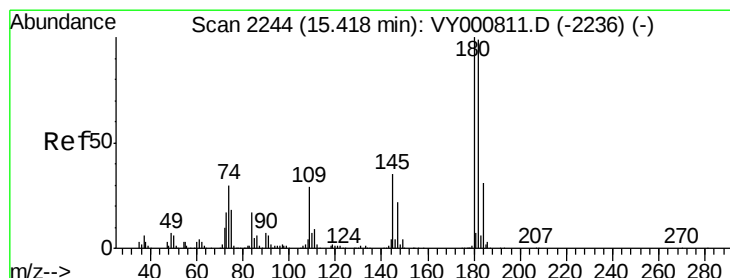
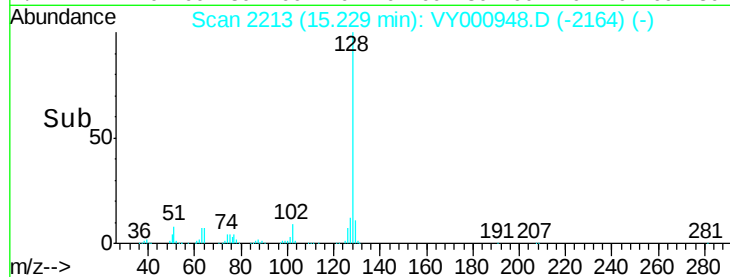
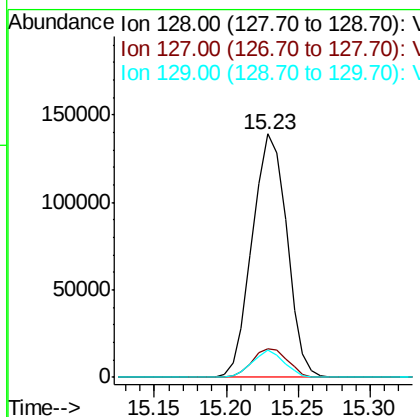
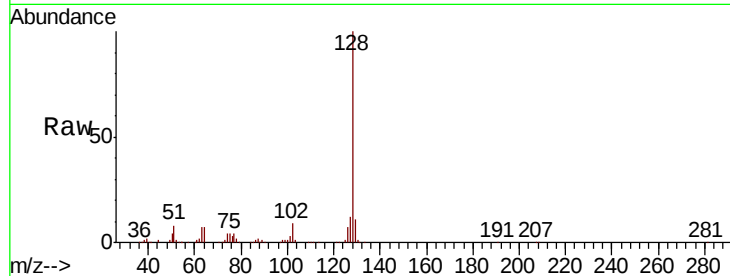
#95
Naphthalene
Concen: 22.231 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	231717		
127	12.1	10.1	15.1	
129	10.3	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.262 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000948.D
Acq: 16 Dec 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89261		
182	93.5	48.0	144.0	
145	32.5	16.9	50.6	

