

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000945.D
 Acq On : 16 Dec 2019 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2019 4:49:36 PM

Quant Time: Dec 17 07:04:39 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	307385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158015	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.72	113	157106	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.18	98	640900	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.48	95	226382	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	142490	43.063	ug/l	94
3) Chloromethane	2.12	50	188647	46.251	ug/l	97
4) Vinyl Chloride	2.26	62	188046	46.780	ug/l	96
5) Bromomethane	2.65	94	126024	52.397	ug/l	100
6) Chloroethane	2.80	64	121292	49.213	ug/l	97
7) Trichlorofluoromethane	3.13	101	278697	50.589	ug/l	94
8) Diethyl Ether	3.54	74	111659	53.851	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	181810	53.441	ug/l	98
10) Methyl Iodide	4.09	142	209941	49.014	ug/l	98
11) Tert butyl alcohol	4.96	59	77914	237.104	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	182128	54.039	ug/l	89
13) Acrolein	3.74	56	80416	248.428	ug/l	98
14) Allyl chloride	4.49	41	296620	51.328	ug/l	97
15) Acrylonitrile	5.17	53	276666	258.402	ug/l	98
16) Acetone	3.96	43	151807	202.607	ug/l	100
17) Carbon Disulfide	4.19	76	543256	49.838	ug/l	100
18) Methyl Acetate	4.49	43	156651	50.002	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	489422	54.375	ug/l	99
20) Methylene Chloride	4.72	84	204618	51.808	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	204014	53.257	ug/l	98
22) Diisopropyl ether	6.13	45	622415	52.403	ug/l	98
23) Vinyl Acetate	6.07	43	1840614	254.906	ug/l	97
24) 1,1-Dichloroethane	6.03	63	352603	53.862	ug/l	97
25) 2-Butanone	6.99	43	307790	222.376	ug/l	98
26) 2,2-Dichloropropane	6.99	77	290800	52.779	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	231491	55.904	ug/l	96
28) Bromochloromethane	7.35	49	129394	53.751	ug/l	99
29) Tetrahydrofuran	7.35	42	226081	246.497	ug/l	99
30) Chloroform	7.52	83	339540	51.703	ug/l	97
31) Cyclohexane	7.79	56	338296	48.781	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	288544	53.209	ug/l	99
36) 1,1-Dichloropropene	7.93	75	277916	51.942	ug/l	100
37) Ethyl Acetate	7.08	43	140426	45.454	ug/l	99
38) Carbon Tetrachloride	7.91	117	256367	53.803	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	365831	51.607	ug/l	99
40) Benzene	8.16	78	838482	53.801	ug/l	97
41) Methacrylonitrile	7.32	41	76047m	46.703	ug/l	
42) 1,2-Dichloroethane	8.24	62	207735	50.683	ug/l	99
43) Isopropyl Acetate	8.28	43	281704	48.386	ug/l	97
44) Trichloroethene	8.94	130	219628	54.834	ug/l	92
45) 1,2-Dichloropropane	9.22	63	213151	54.449	ug/l	96
46) Dibromomethane	9.31	93	108921	53.252	ug/l	99
47) Bromodichloromethane	9.50	83	257865	53.667	ug/l	96
48) Methyl methacrylate	9.30	41	123683	48.311	ug/l	95
49) 1,4-Dioxane	9.30	88	29534	1019.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	724951	241.002	ug/l	99
52) Toluene	10.24	92	517127	53.591	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	282301	54.685	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	336857	55.206	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	162694	53.838	ug/l	97
56) Ethyl methacrylate	10.51	69	232194	53.712	ug/l	97
57) 1,3-Dichloropropane	10.79	76	281825	53.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	410454	235.477	ug/l	99
59) 2-Hexanone	10.83	43	506378	231.021	ug/l	99
60) Dibromochloromethane	10.98	129	182268	56.029	ug/l	98
61) 1,2-Dibromoethane	11.09	107	158071	55.503	ug/l	97
64) Tetrachloroethene	10.72	164	222489	54.237	ug/l	97
65) Chlorobenzene	11.52	112	539428	54.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	187004	56.540	ug/l	100
67) Ethyl Benzene	11.59	91	984962	53.887	ug/l	97
68) m/p-Xylenes	11.70	106	747468	108.950	ug/l	99
69) o-Xylene	12.03	106	351034	54.876	ug/l	99
70) Styrene	12.04	104	610141	55.704	ug/l	99
71) Bromoform	12.20	173	105489	56.549	ug/l #	99
73) Isopropylbenzene	12.33	105	943008	53.503	ug/l	100
74) N-amyl acetate	12.14	43	243385	49.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	180413	51.950	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	123638m	49.297	ug/l	
77) Bromobenzene	12.61	156	207923	54.422	ug/l	97
78) n-propylbenzene	12.67	91	1149203	53.400	ug/l	99
79) 2-Chlorotoluene	12.75	91	631781	53.139	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	788531	54.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68989	54.033	ug/l	95
82) 4-Chlorotoluene	12.85	91	659321	53.826	ug/l	99
83) tert-Butylbenzene	13.07	119	671883	54.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	787014	53.904	ug/l	98
85) sec-Butylbenzene	13.25	105	967888	54.242	ug/l	99
86) p-Isopropyltoluene	13.36	119	842139	54.261	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	405118	54.053	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	404402	54.494	ug/l	99
89) n-Butylbenzene	13.69	91	837949	53.400	ug/l	99
90) Hexachloroethane	13.96	117	162379	56.795	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	369430	54.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	30939	53.214	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	246438	54.022	ug/l	99
94) Hexachlorobutadiene	15.11	225	123753	54.716	ug/l	100
95) Naphthalene	15.23	128	559743	52.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	217367	53.345	ug/l	99

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

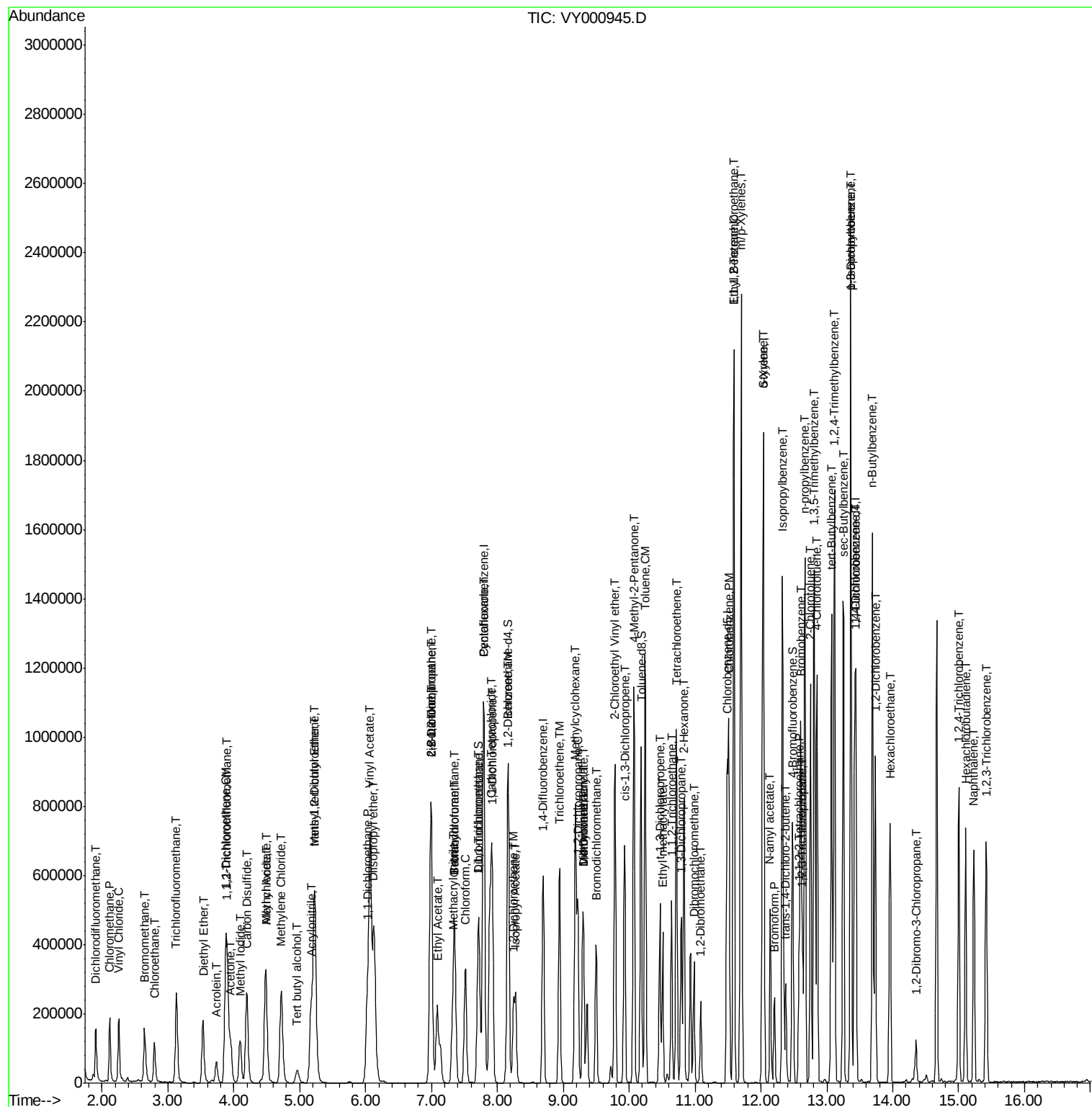
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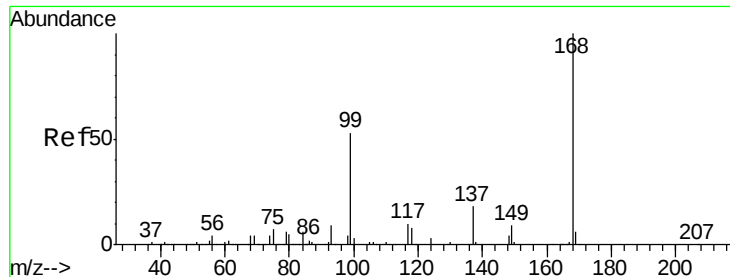
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 307385

Ion Ratio Lower Upper

168 100

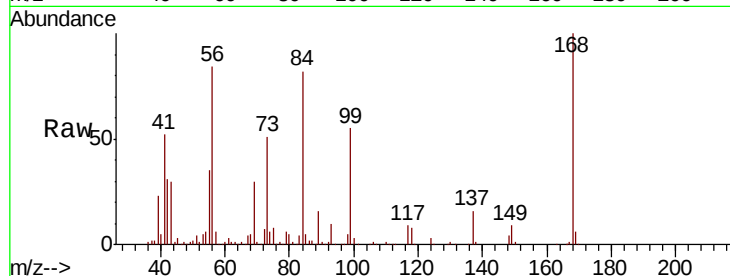
99 55.2 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000945.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000945.D (-946) (-)

7.80

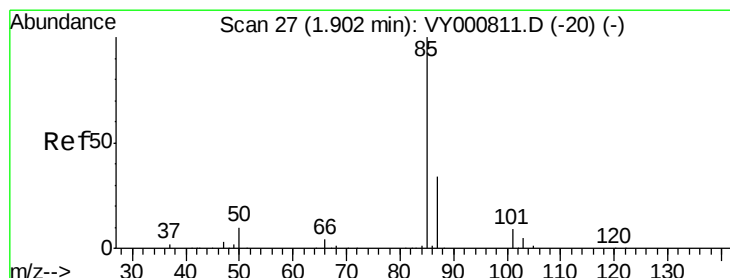
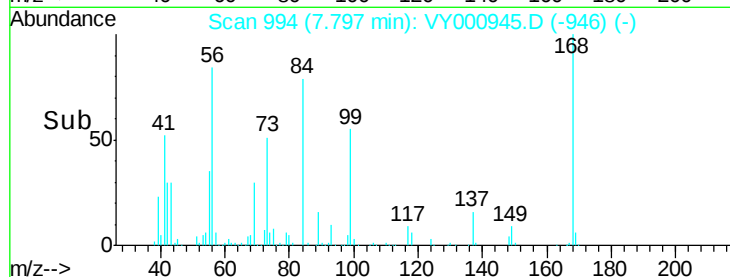
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 43.063 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000945.D

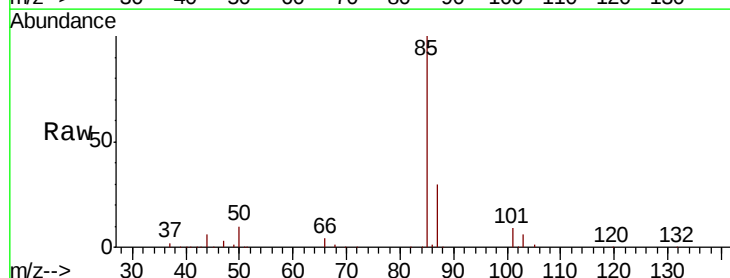
Acq: 16 Dec 2019 10:38

Tgt Ion: 85 Resp: 142490

Ion Ratio Lower Upper

85 100

87 30.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000945.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000945.D (-1) (-)

1.91

100000

80000

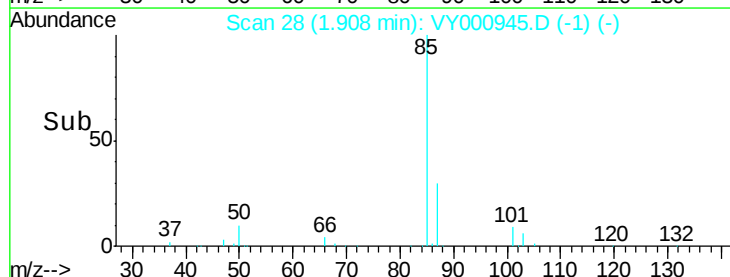
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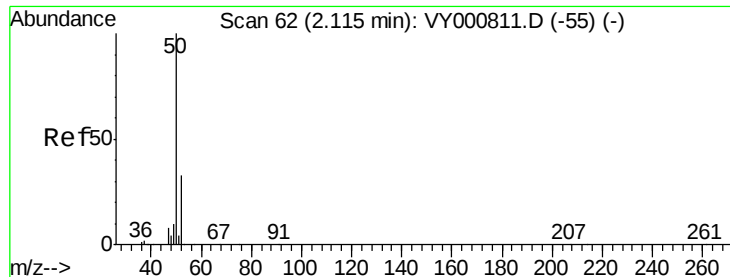
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Time-->





#3

Chloromethane

Concen: 46.251 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 188647

Ion Ratio Lower Upper

50 100

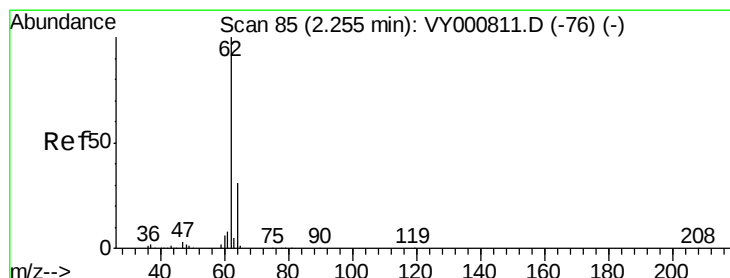
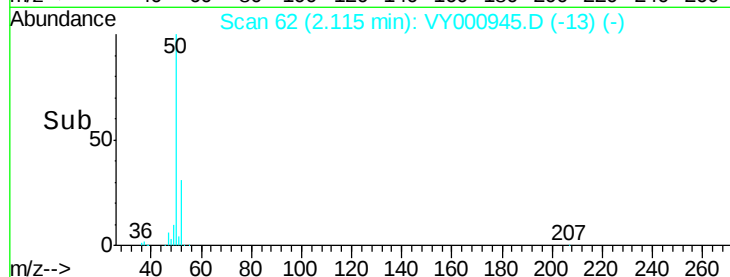
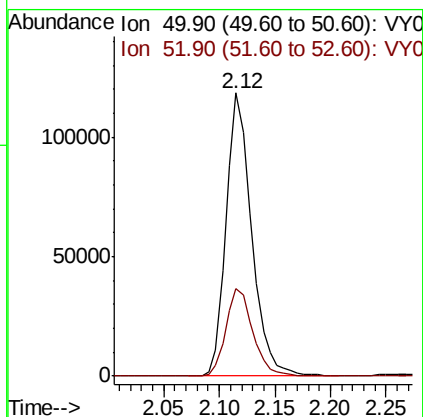
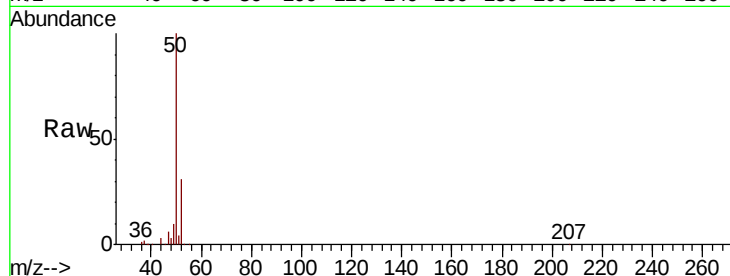
52 31.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.780 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000945.D

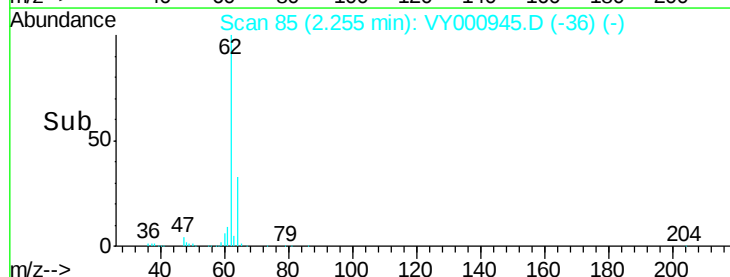
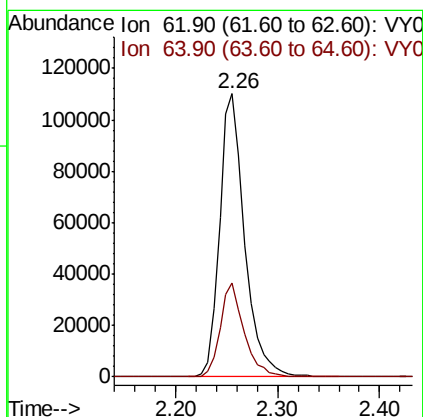
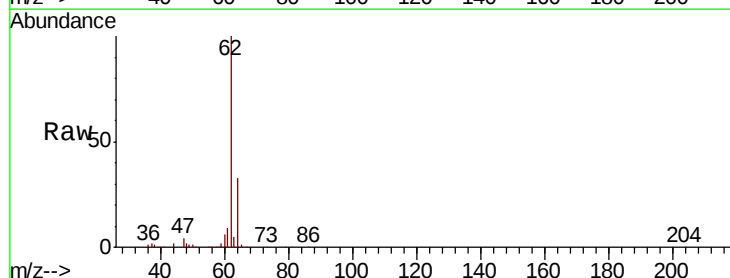
Acq: 16 Dec 2019 10:38

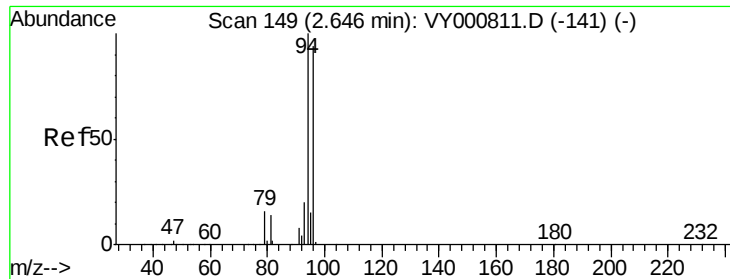
Tgt Ion: 62 Resp: 188046

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 52.397 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 126024

Ion Ratio Lower Upper

94 100

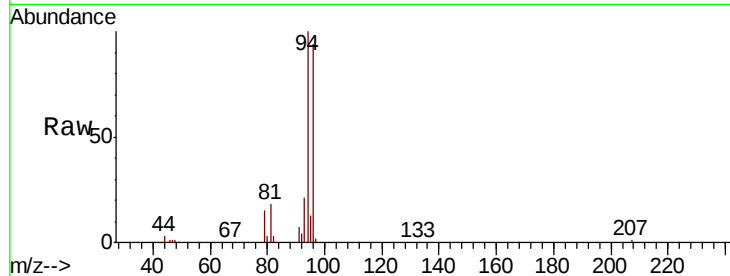
96 93.9 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

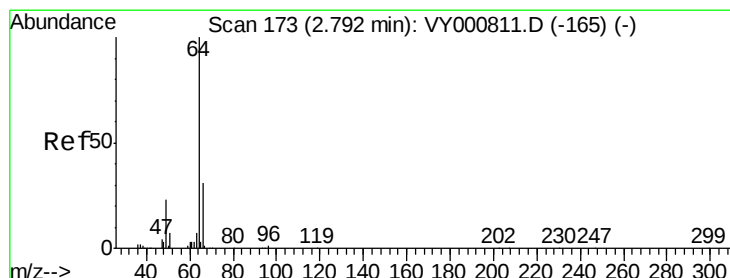
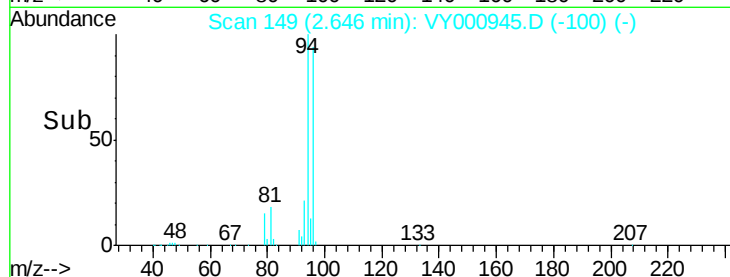
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20000

10000

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Time-->



#6

Chloroethane

Concen: 49.213 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000945.D

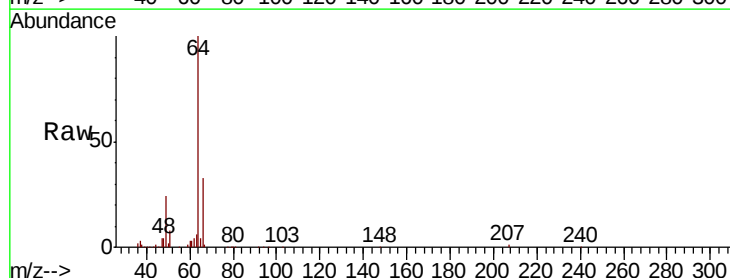
Acq: 16 Dec 2019 10:38

Tgt Ion: 64 Resp: 121292

Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

50000

40000

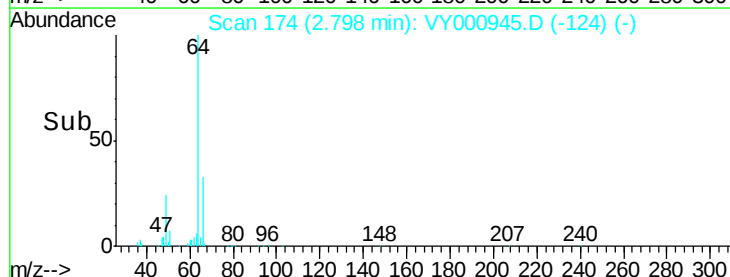
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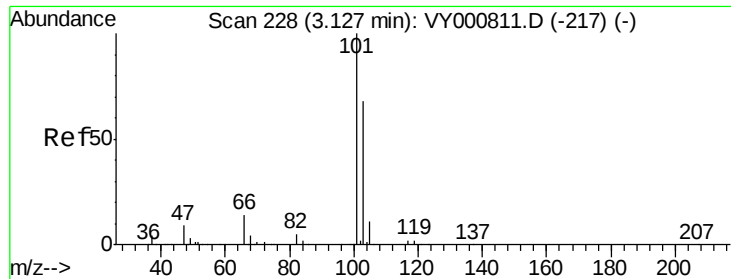
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Time-->





#7

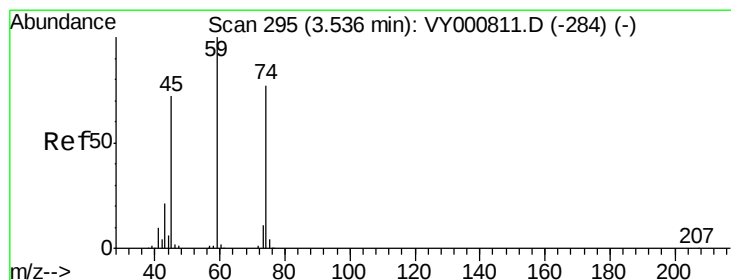
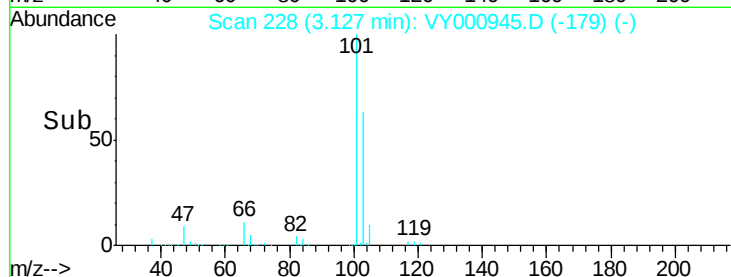
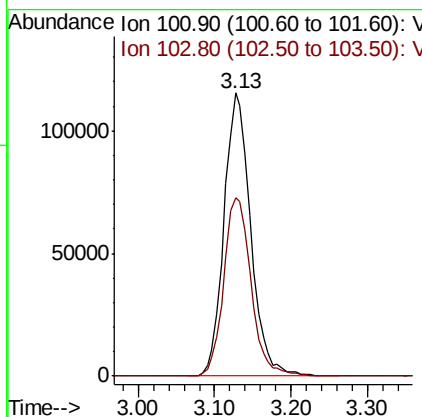
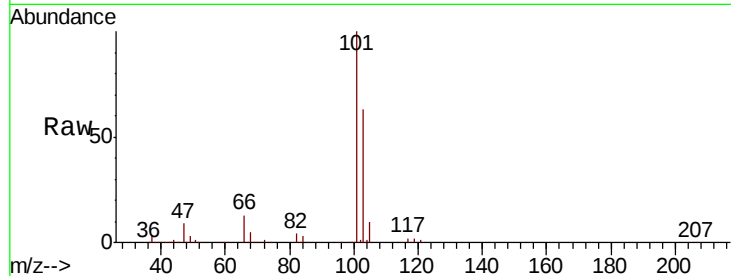
Trichlorofluoromethane
 Concen: 50.589 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	278697		
103	63.2	54.2	81.2	

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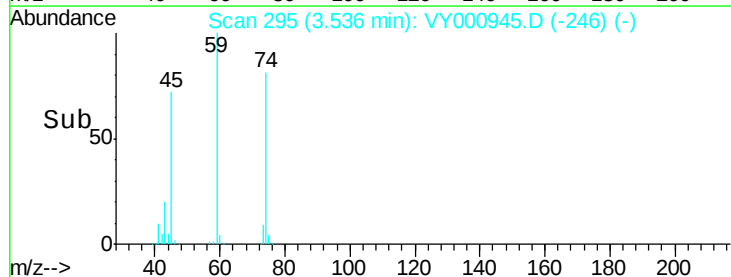
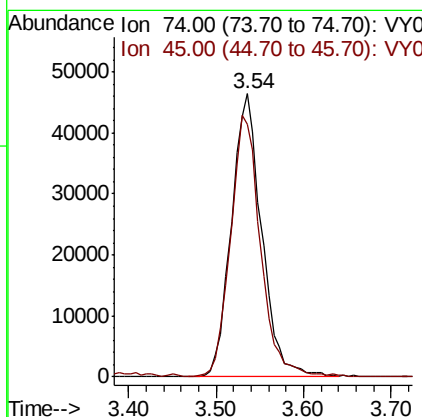
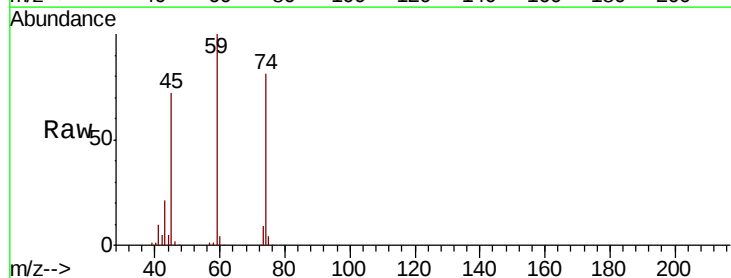
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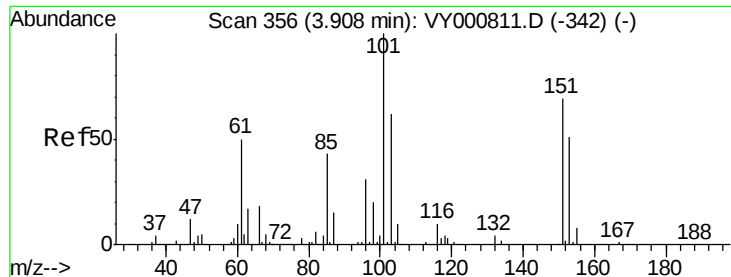


#8

Diethyl Ether
 Concen: 53.851 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	111659		
45	92.2	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.441 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000945.D

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MSVOA_Y

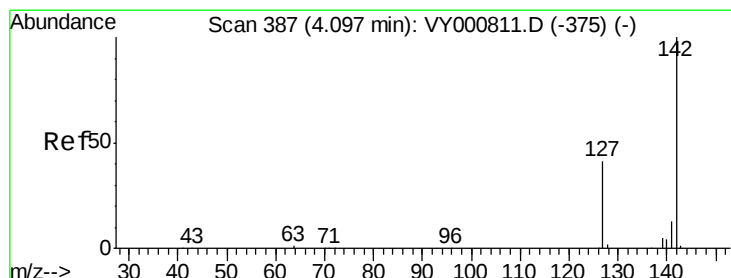
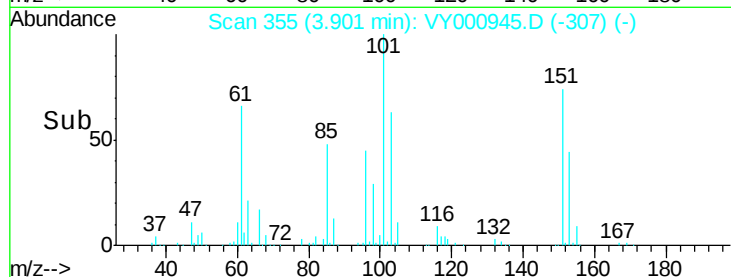
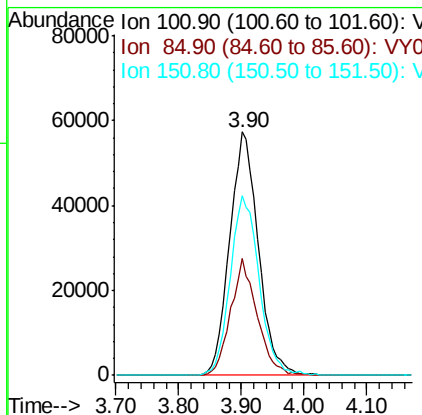
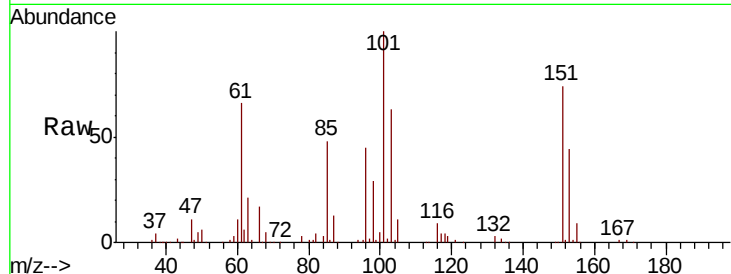
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	181810
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	74.5	58.2	87.2

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#10

Methyl Iodide

Concen: 49.014 ug/l

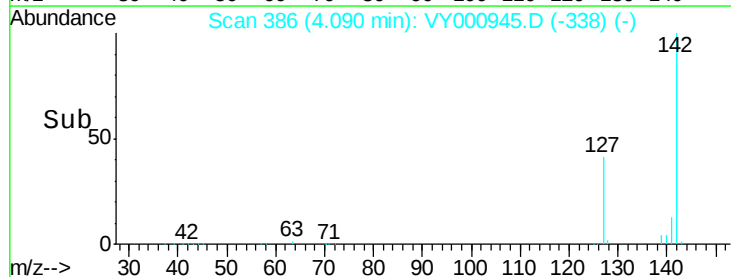
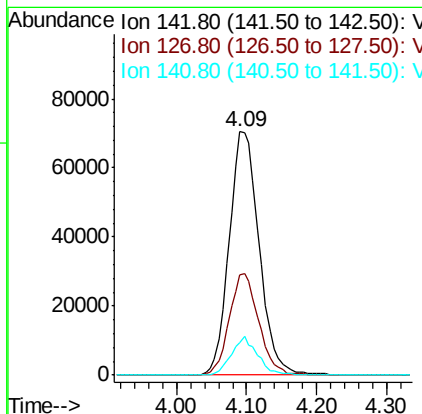
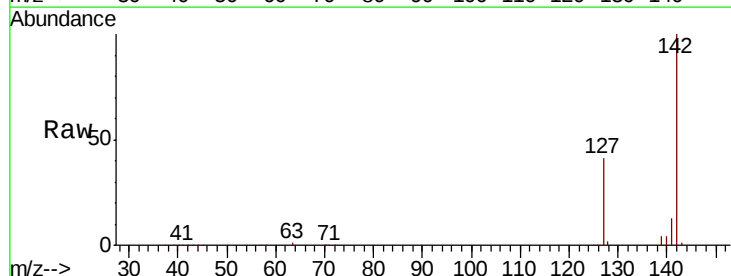
RT: 4.09 min Scan# 386

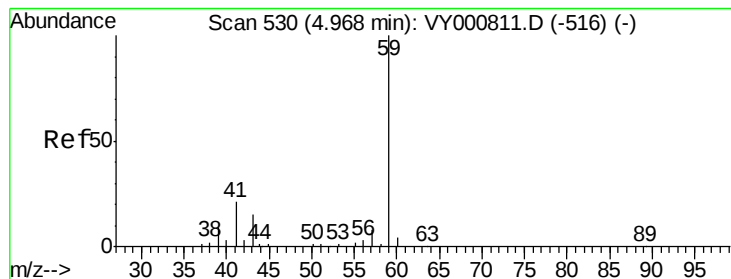
Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	142	Resp:	209941
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.8	50.8
141	13.8	10.9	16.3





#11

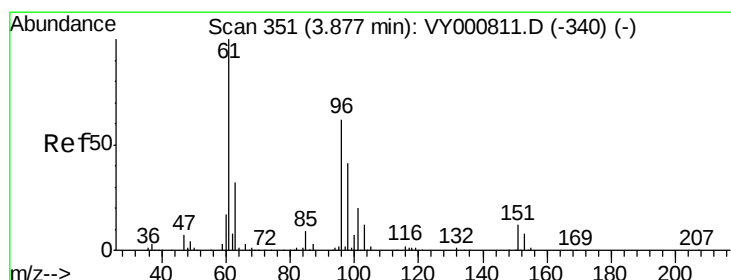
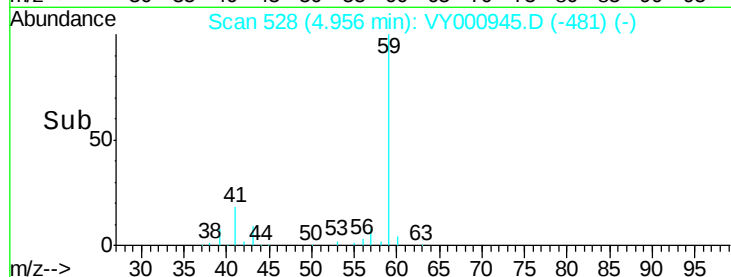
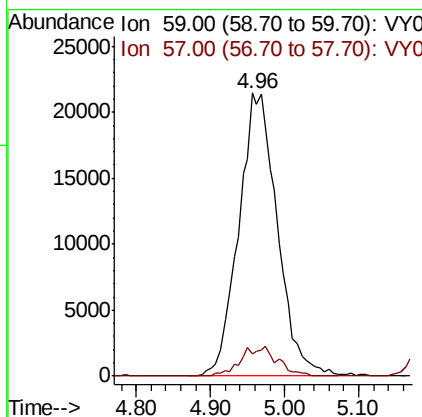
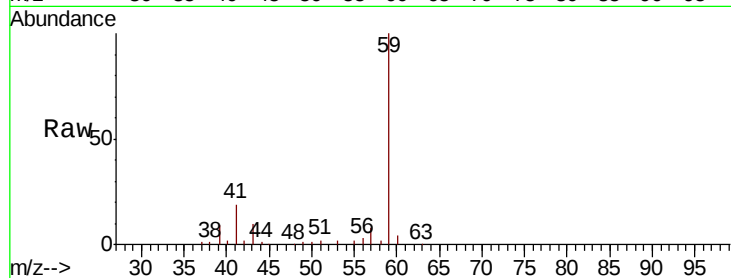
Tert butyl alcohol
 Concen: 237.104 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.9	7.8	11.6#

Manual Integrations
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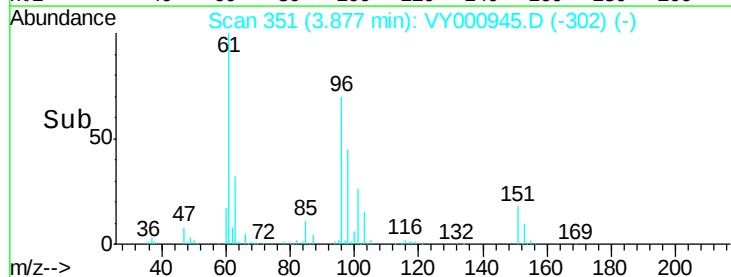
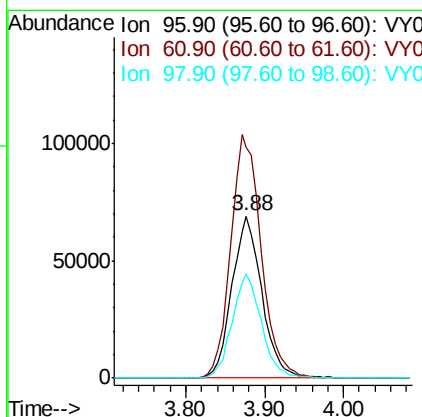
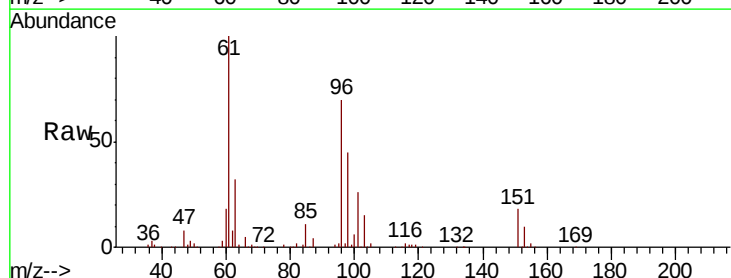
apatel
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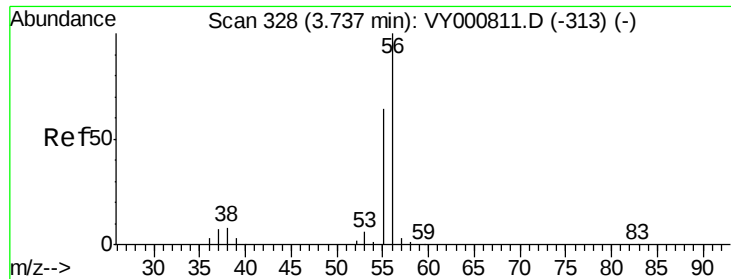


#12

1,1-Dichloroethene
 Concen: 54.039 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	129.4	194.2
98	64.1	53.4	80.0





#13

Acrolein

Concen: 248.428 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 80416

Ion Ratio Lower Upper

56 100

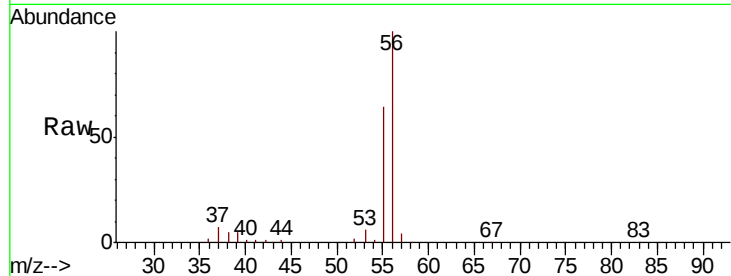
55 68.3 55.7 83.5

Manual Integrations

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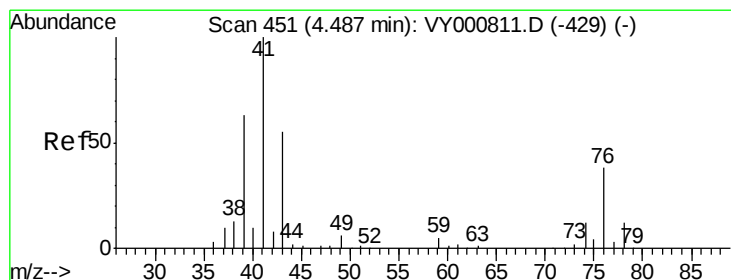
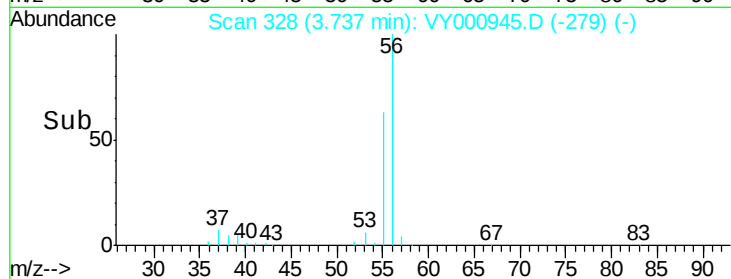
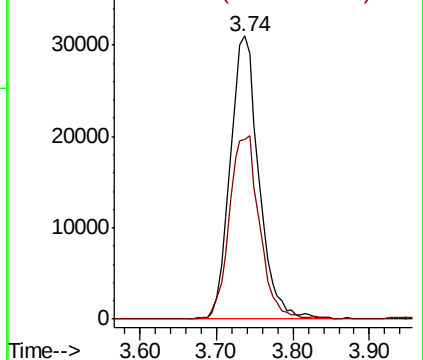
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.328 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

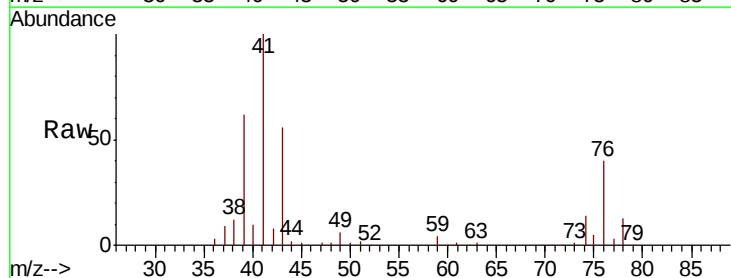
Tgt Ion: 41 Resp: 296620

Ion Ratio Lower Upper

41 100

39 60.0 49.2 73.8

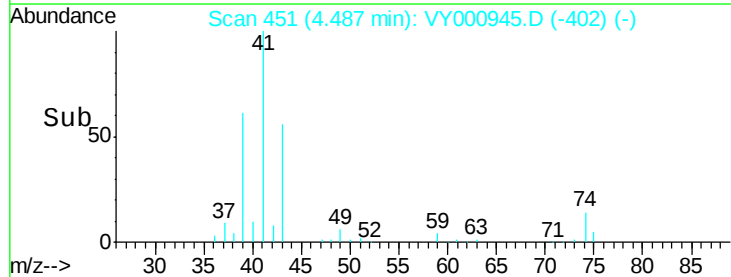
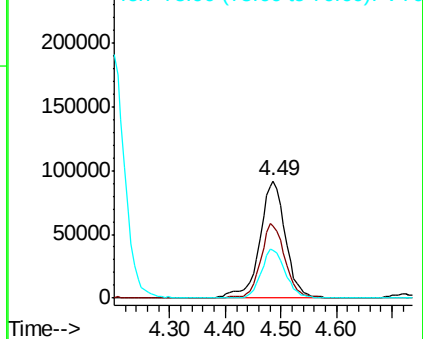
76 39.1 29.2 43.8

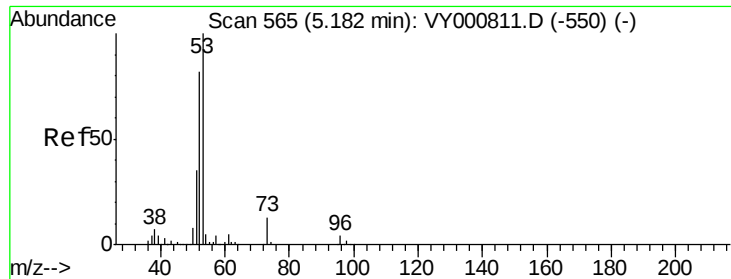


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.402 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

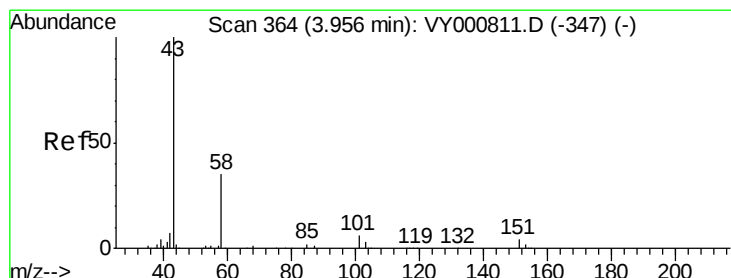
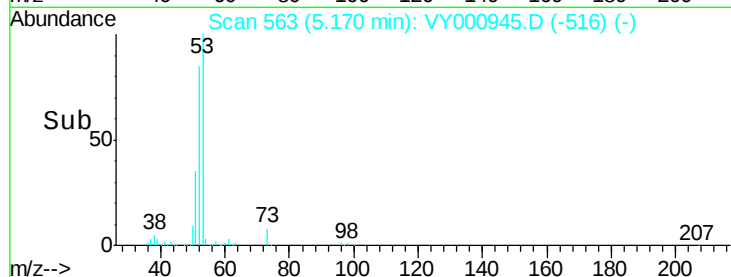
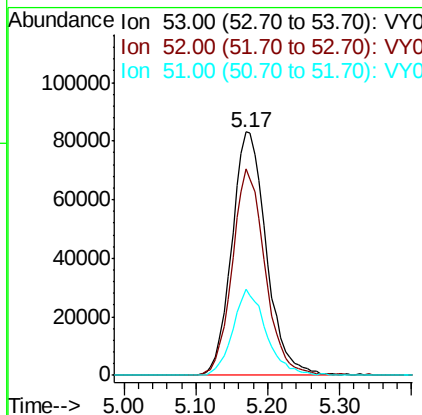
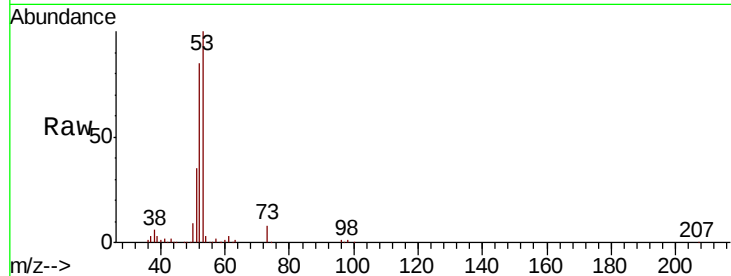
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	276666
Ion Ratio	Lower	Upper	
53	100		
52	80.4	65.1	97.7
51	34.1	29.0	43.4

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#16

Acetone

Concen: 202.607 ug/l

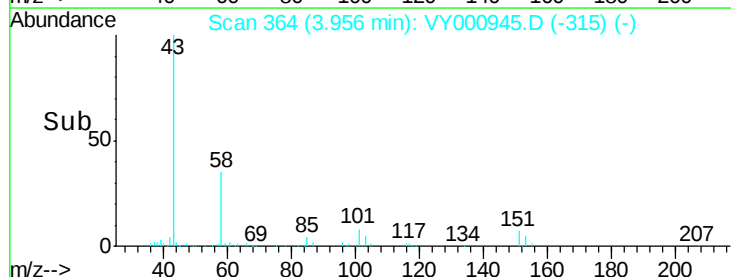
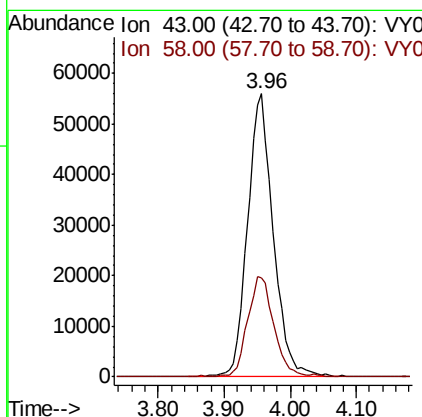
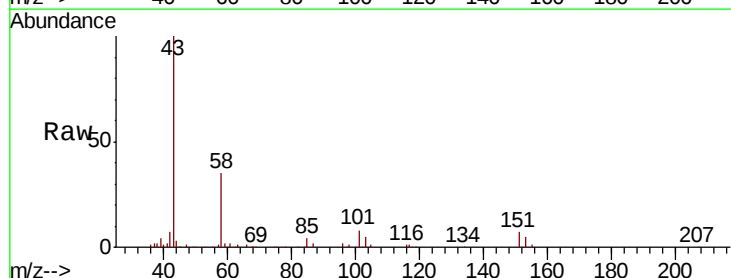
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	43	Resp:	151807
Ion Ratio	Lower	Upper	
43	100		
58	34.8	28.0	42.0





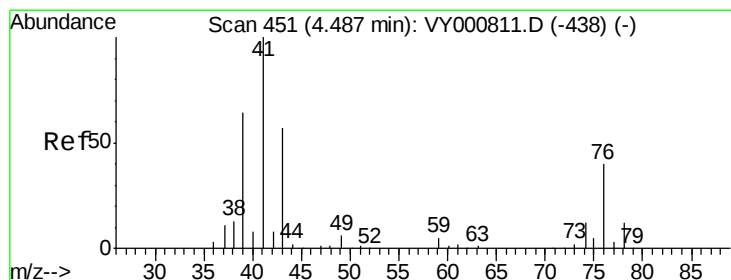
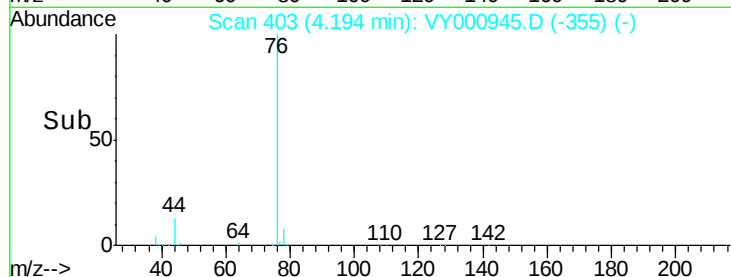
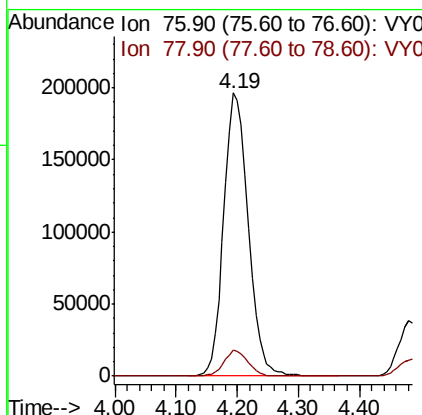
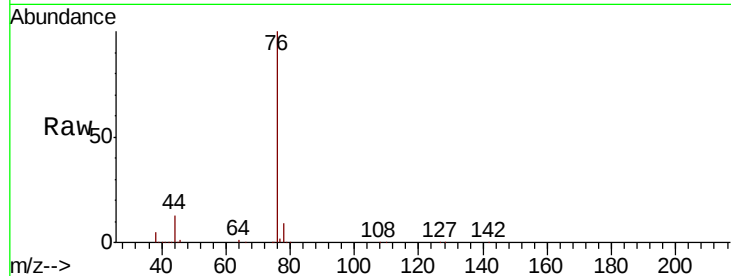
#17
Carbon Disulfide
Concen: 49.838 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

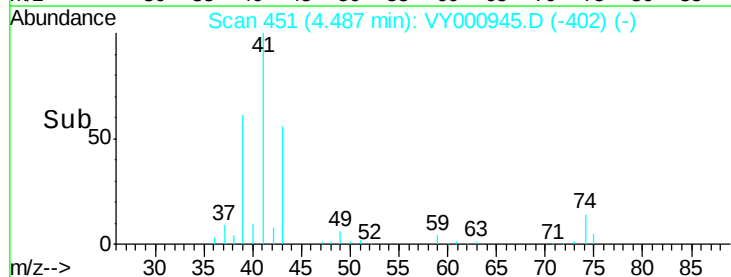
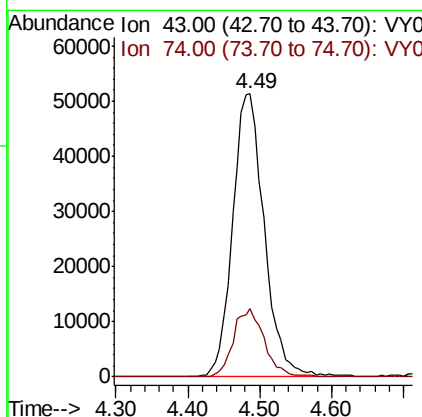
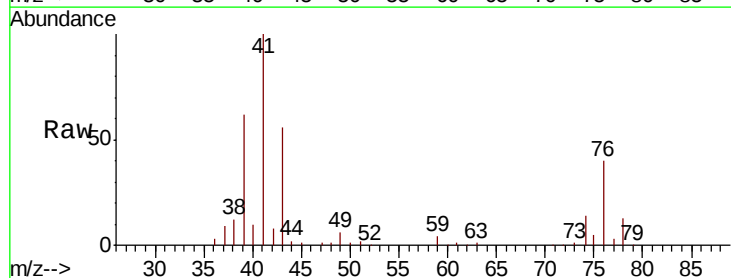
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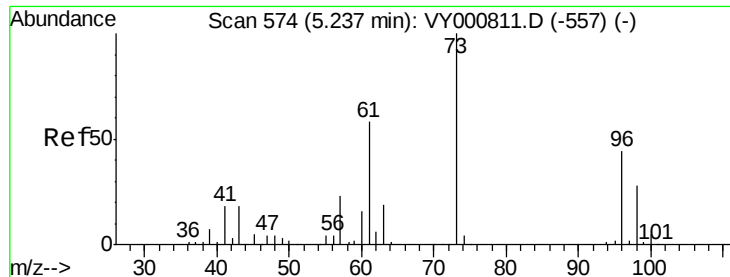
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#18
Methyl Acetate
Concen: 50.002 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.5	27.7





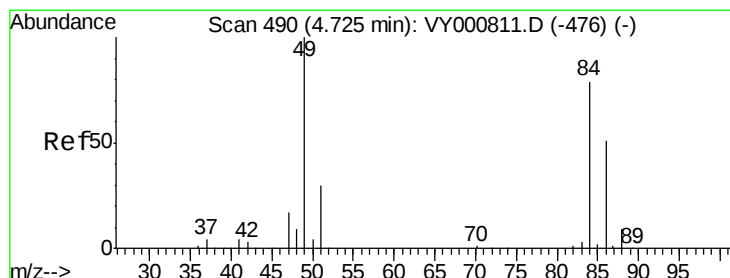
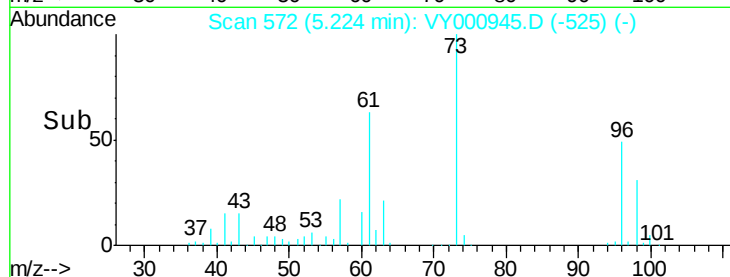
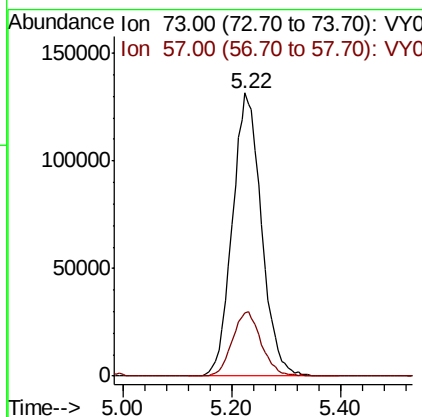
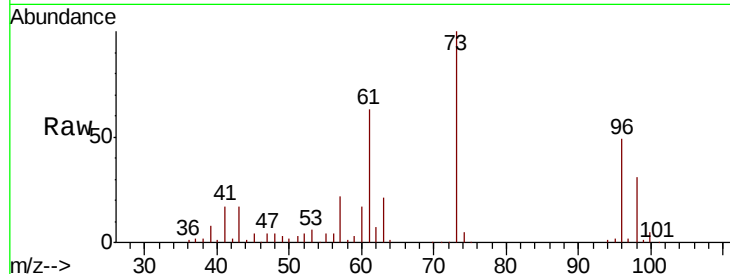
#19
Methvl tert-butvl Ether
Concen: 54.375 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 489422
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

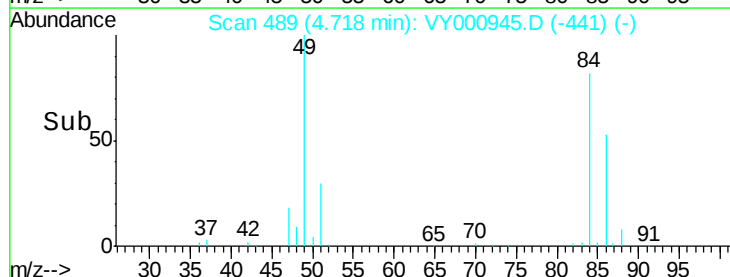
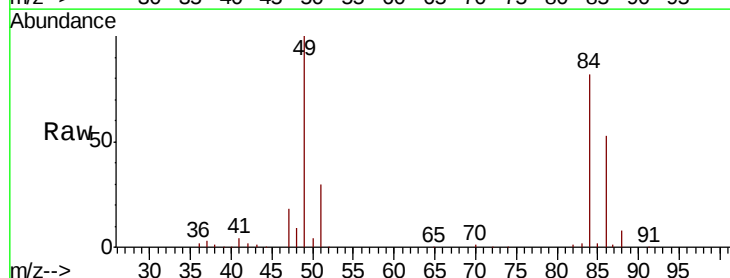
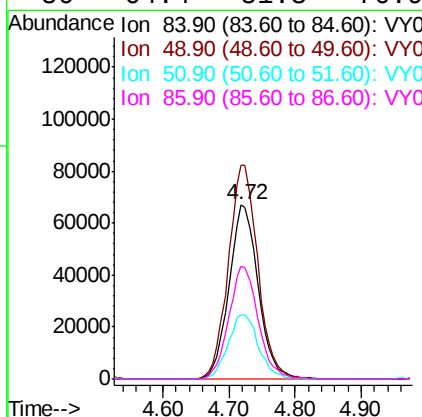
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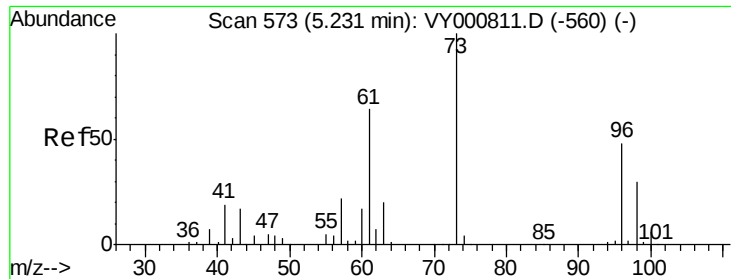
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#20
Methylene Chloride
Concen: 51.808 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 84 Resp: 204618
Ion Ratio Lower Upper
84 100
49 122.2 101.3 151.9
51 36.9 30.6 45.8
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.257 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 204014

Ion Ratio Lower Upper

96 100

61 129.3 105.9 158.9

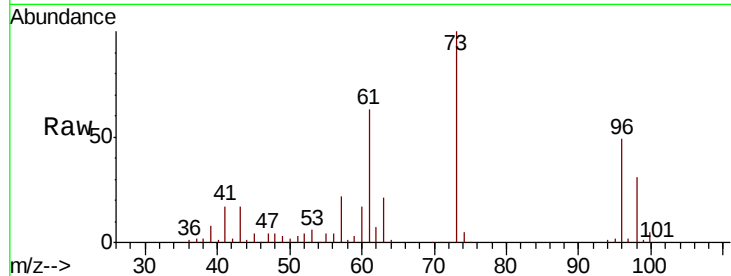
98 63.2 49.4 74.2

Manual Integrations

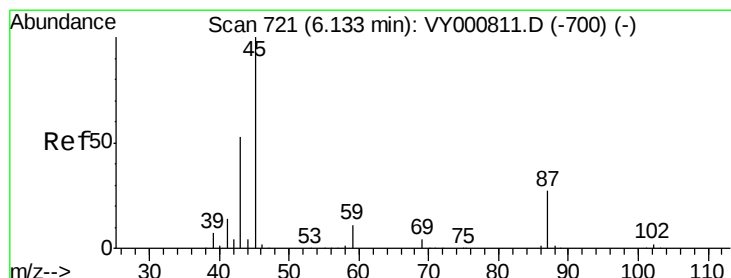
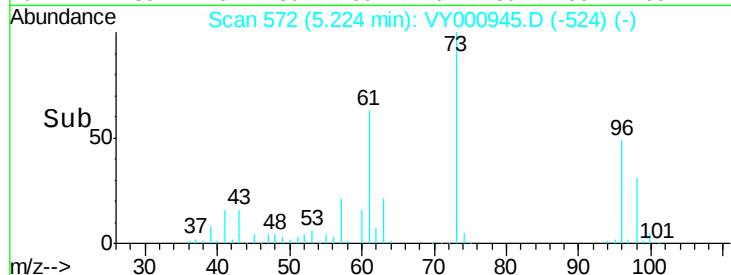
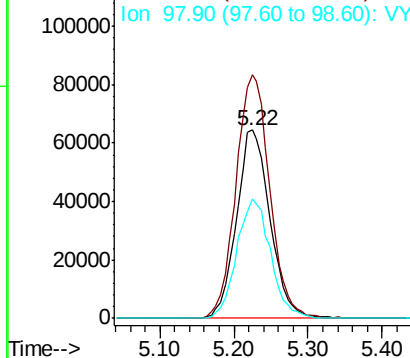
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.403 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion: 45 Resp: 622415

Ion Ratio Lower Upper

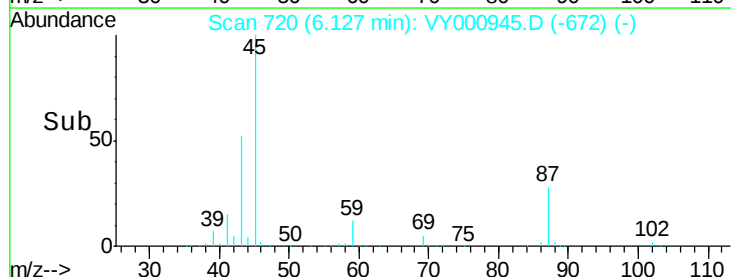
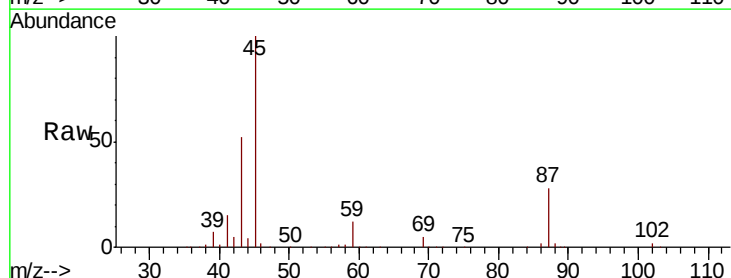
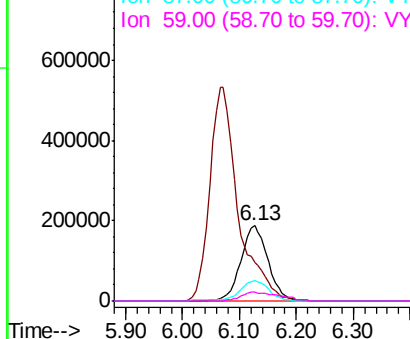
45 100

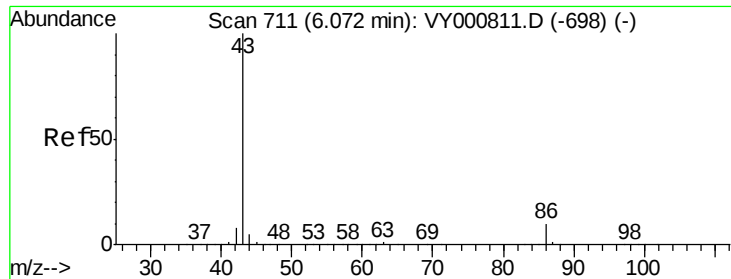
43 51.2 42.7 64.1

87 28.1 22.0 33.0

59 12.0 8.9 13.3

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





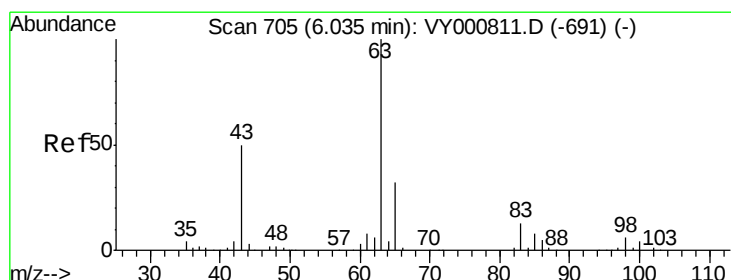
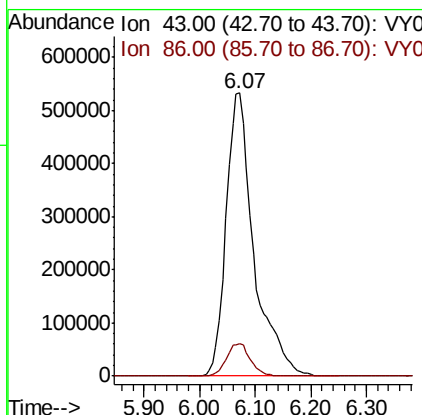
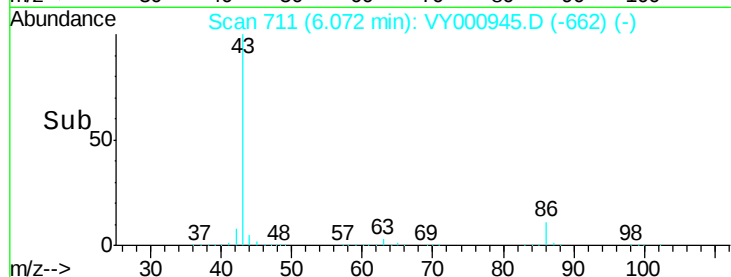
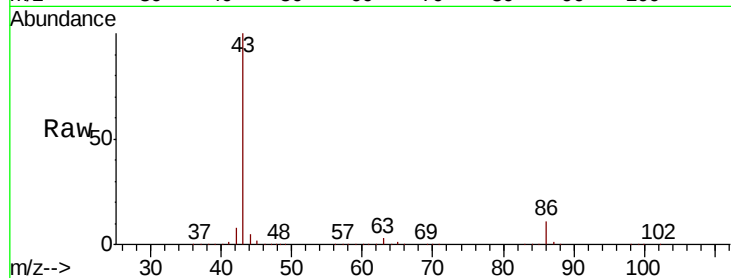
#23
 Vinyl Acetate
 Concen: 254.906 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1840614
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.3 12.5

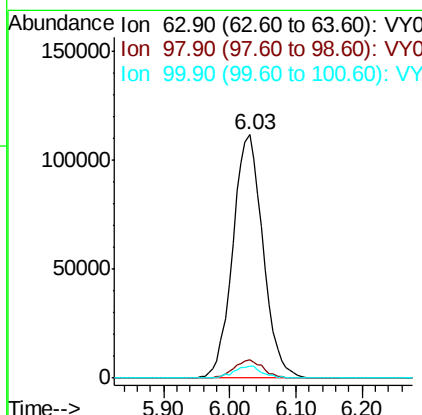
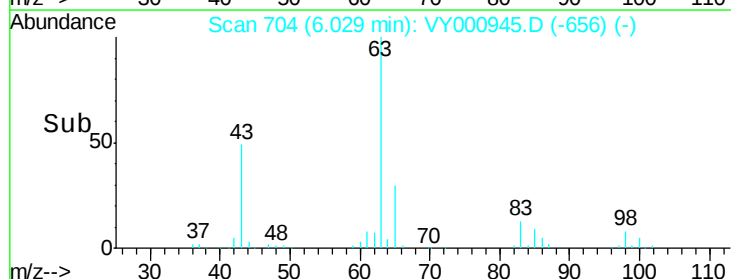
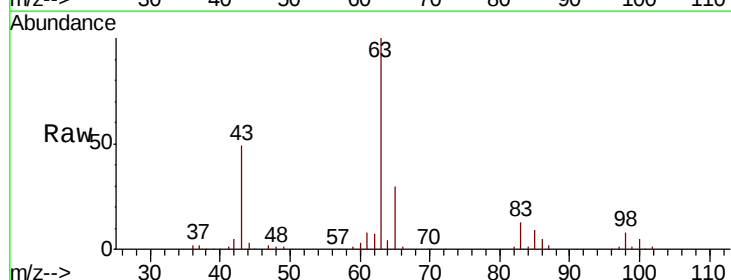
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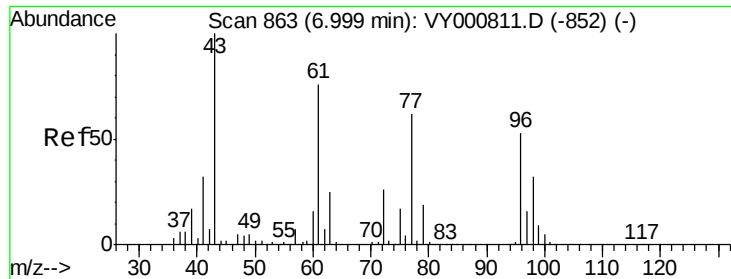
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#24
 1,1-Dichloroethane
 Concen: 53.862 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 63 Resp: 352603
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 222.376 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 307790

Ion Ratio Lower Upper

43 100

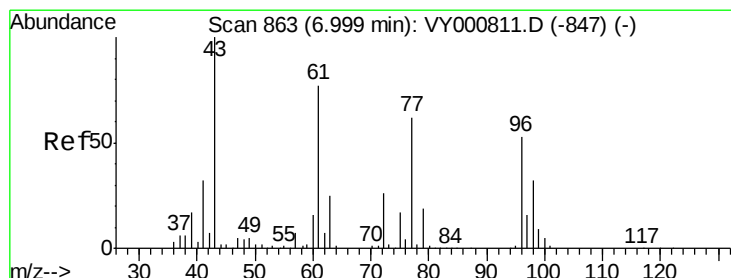
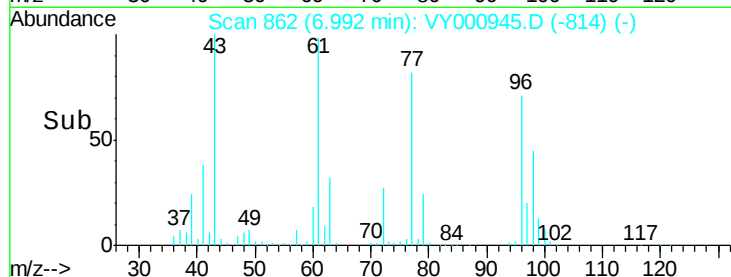
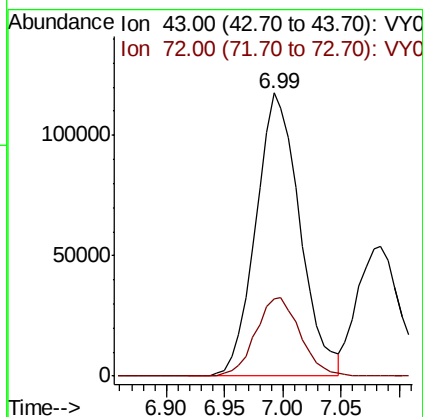
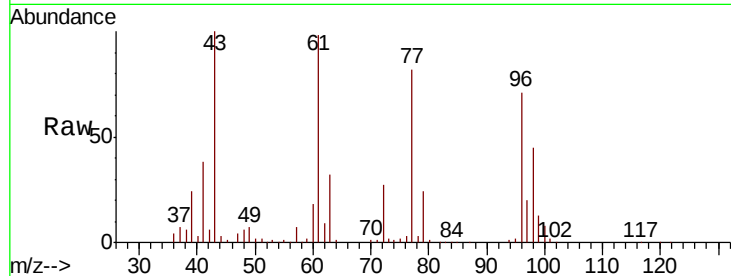
72 27.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 52.779 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000945.D

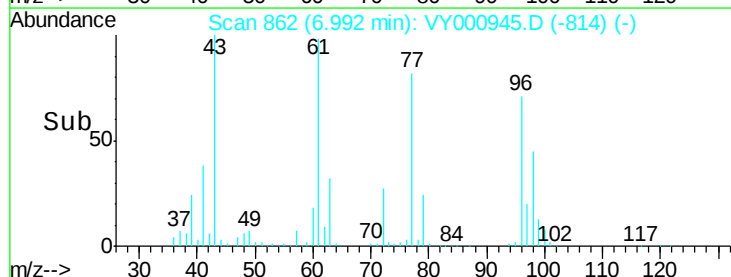
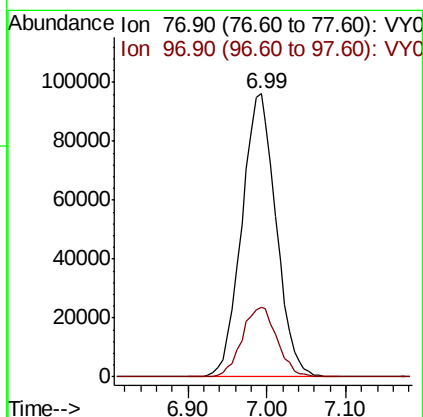
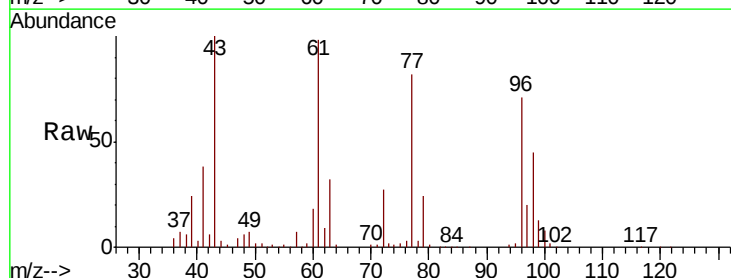
Acq: 16 Dec 2019 10:38

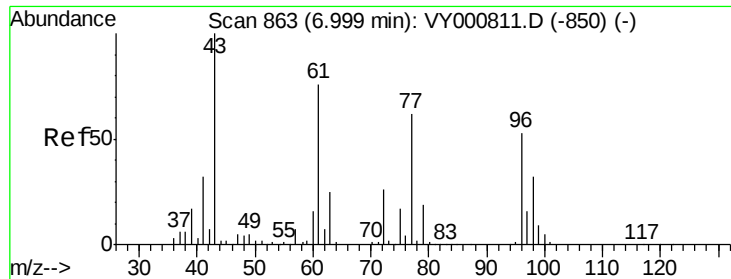
Tgt Ion: 77 Resp: 290800

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9





#27

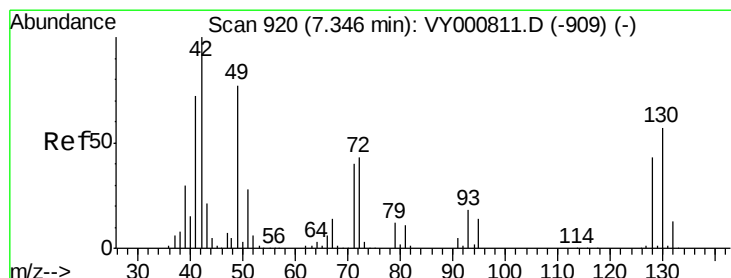
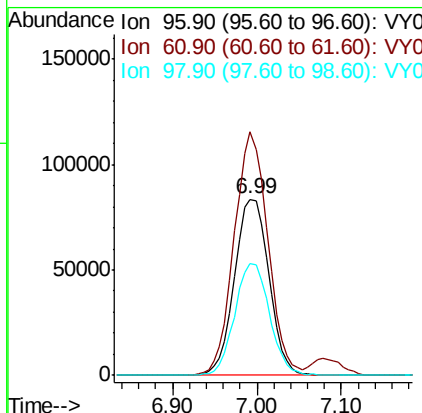
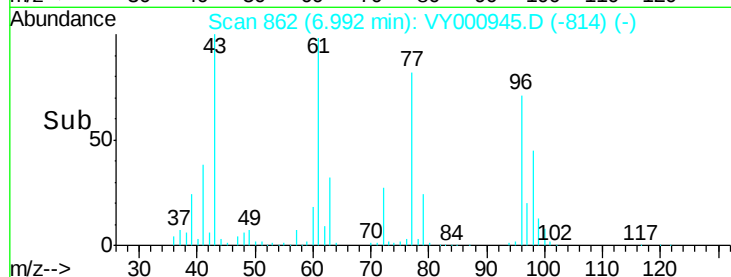
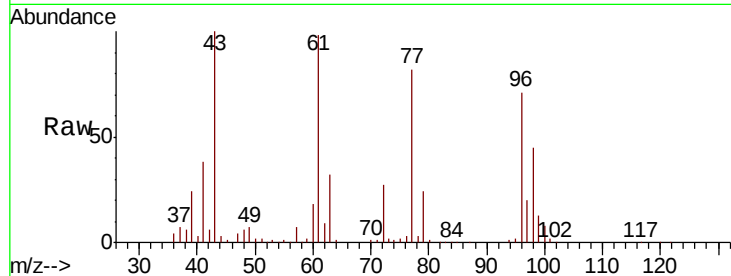
cis-1,2-Dichloroethene
Concen: 55.904 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	231491		
61	135.4	0.0	285.0	
98	63.9	0.0	128.0	

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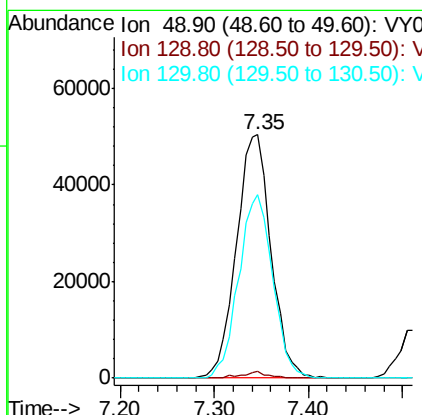
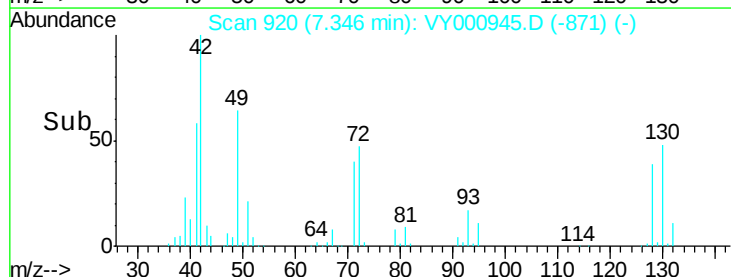
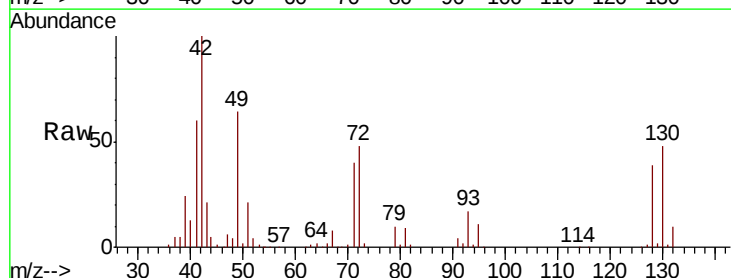
apatel
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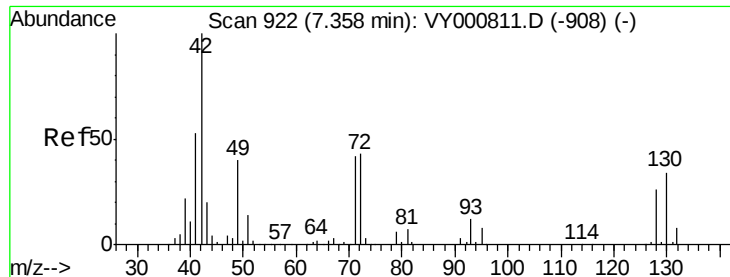


#28

Bromochloromethane
Concen: 53.751 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129394		
129	2.1	0.0	3.8	
130	74.1	58.7	88.1	





#29

Tetrahydrofuran

Concen: 246.497 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

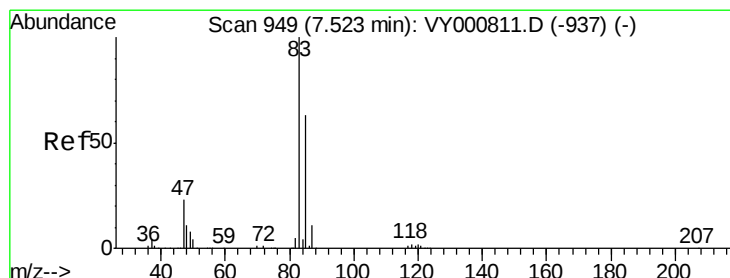
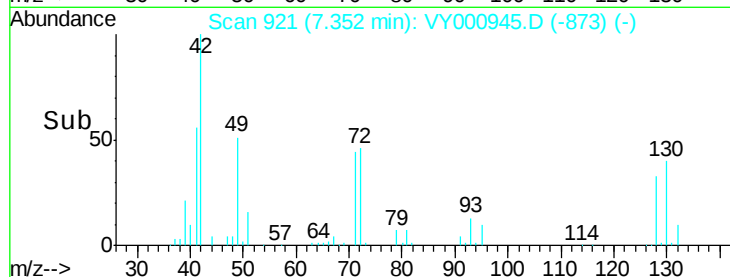
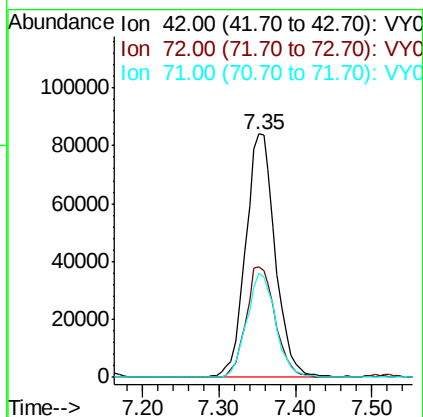
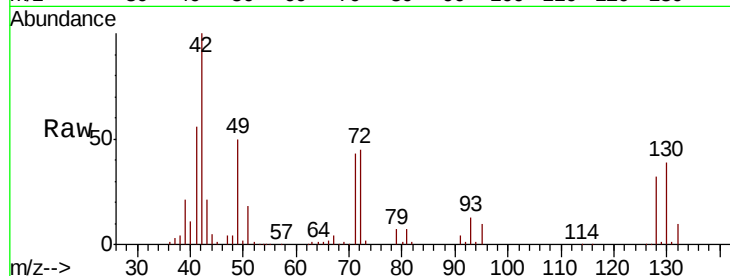
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	226081
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.1	52.7
71	41.8	32.8	49.2

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#30

Chloroform

Concen: 51.703 ug/l

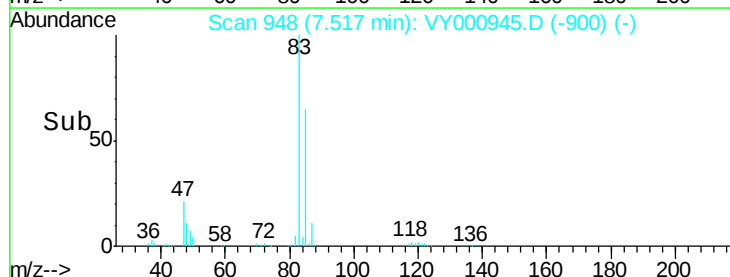
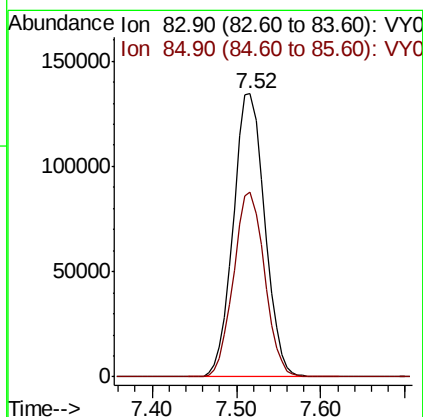
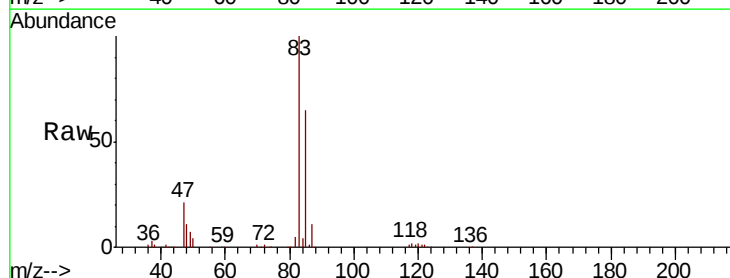
RT: 7.52 min Scan# 948

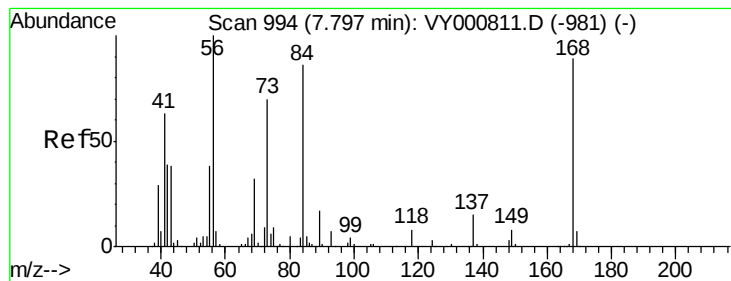
Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	83	Resp:	339540
Ion Ratio		Lower	Upper
83	100		
85	65.1	50.4	75.6





#31

Cyclohexane

Concen: 48.781 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 338296

Ion Ratio Lower Upper

56 100

69 35.0 25.9 38.9

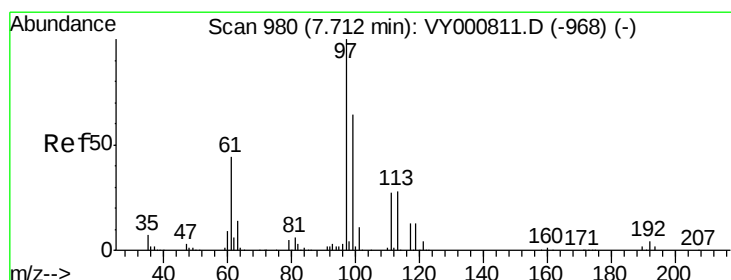
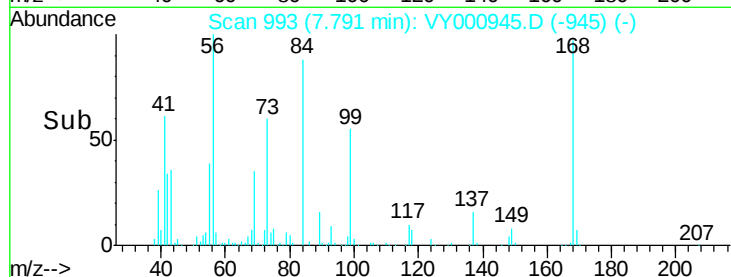
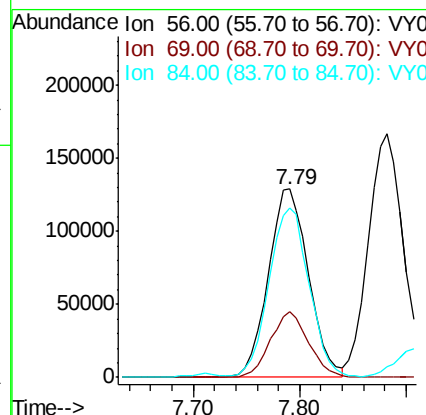
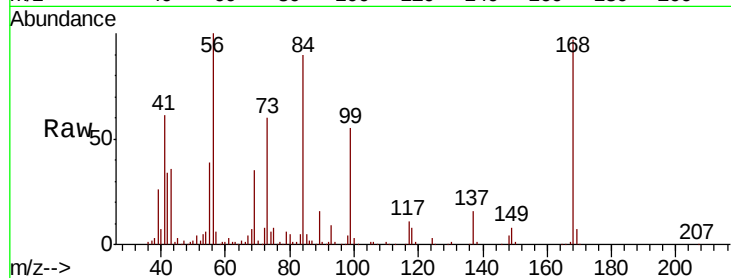
84 88.8 68.6 102.8

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#32

1,1,1-Trichloroethane

Concen: 53.209 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

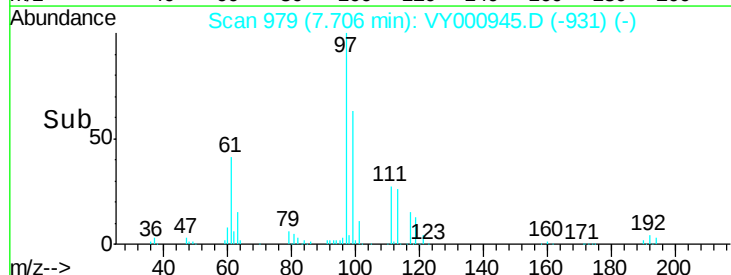
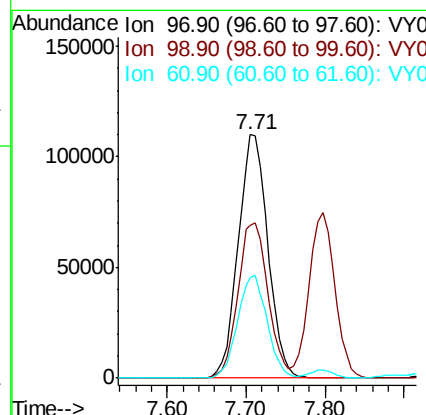
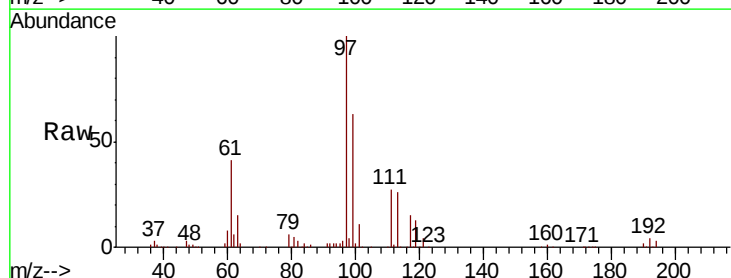
Tgt Ion: 97 Resp: 288544

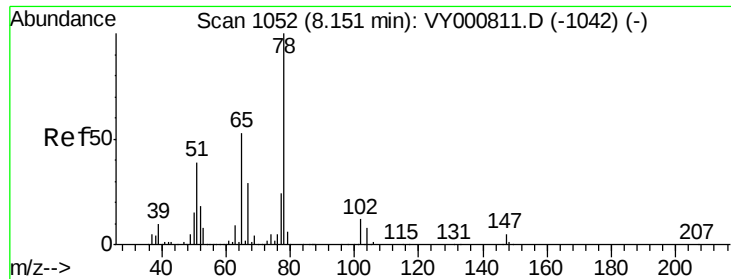
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 41.8 35.0 52.6





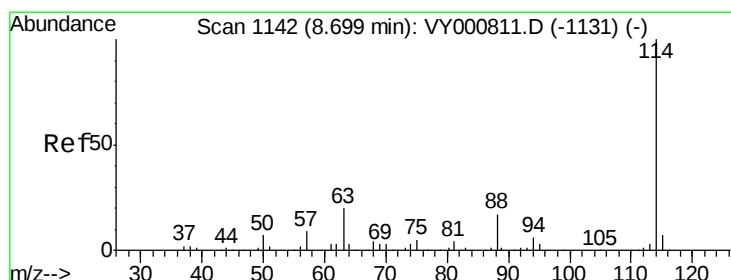
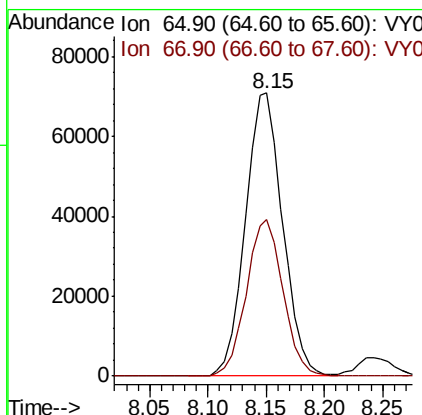
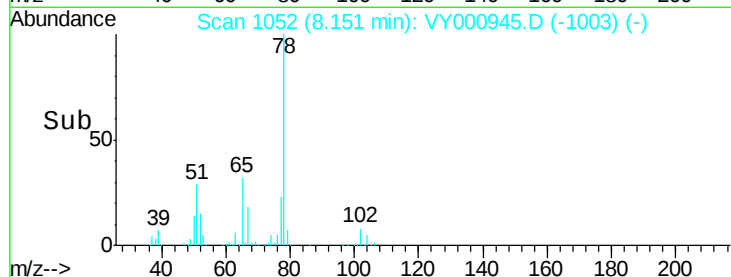
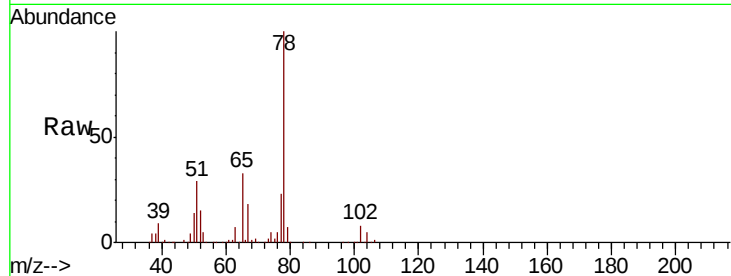
#33
 1,2-Dichloroethane-d4
 Concen: 48.378 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158015		
67	54.2	0.0	112.0	

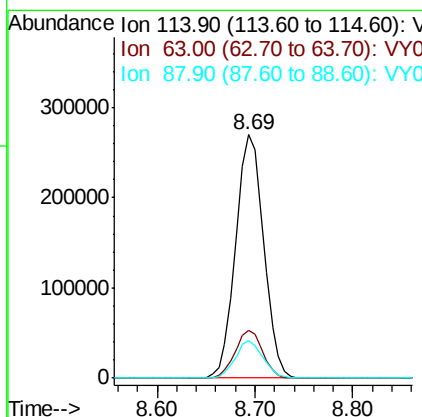
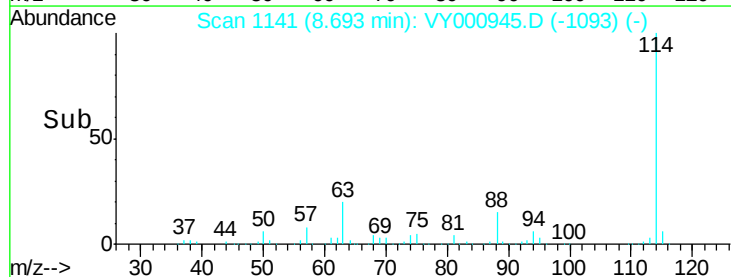
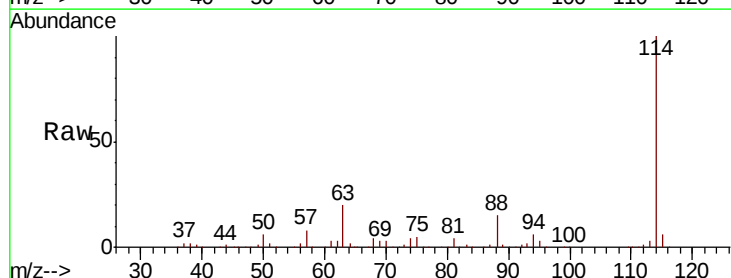
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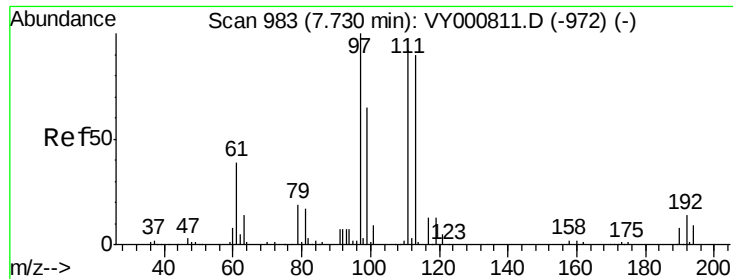
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	538113		
63	19.7	0.0	39.8	
88	15.2	0.0	33.2	





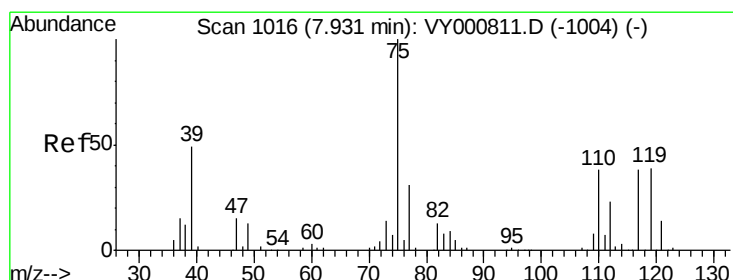
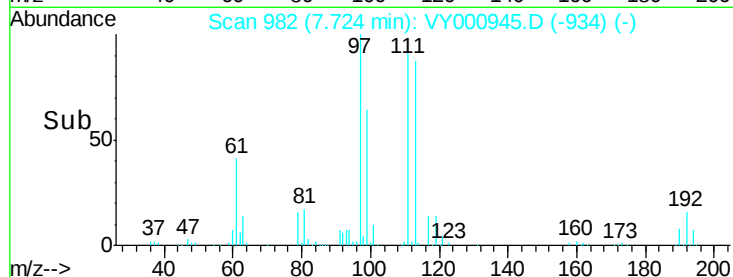
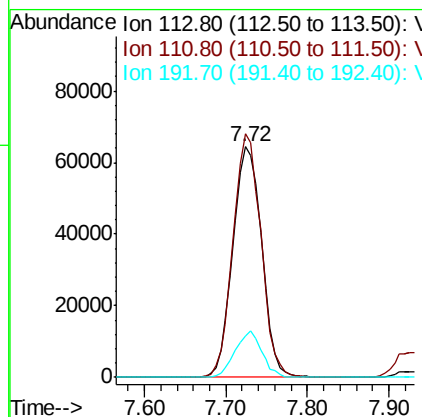
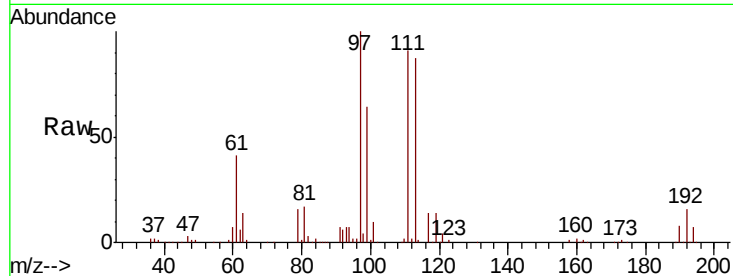
#35
Dibromofluoromethane
Concen: 50.096 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157106		
111	102.4	82.4	123.6	
192	18.7	14.2	21.2	

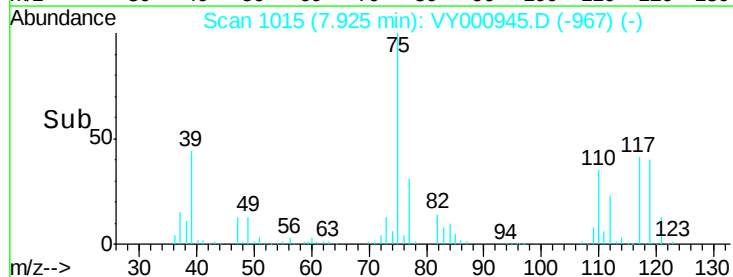
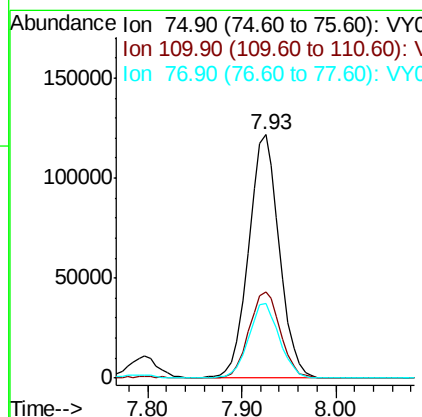
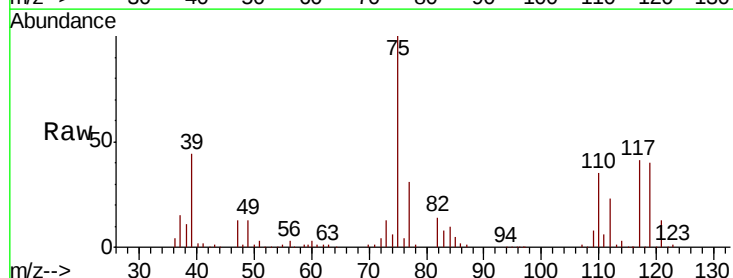
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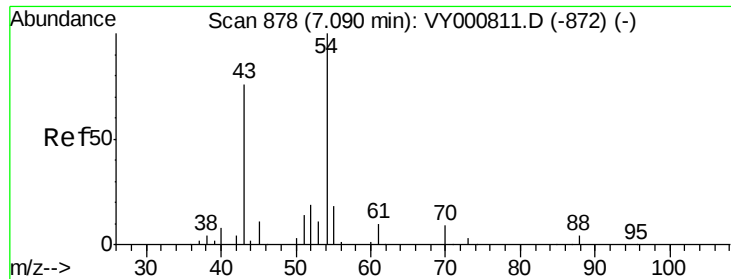
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#36
1,1-Dichloropropene
Concen: 51.942 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277916		
110	36.2	17.9	53.7	
77	30.8	24.7	37.1	





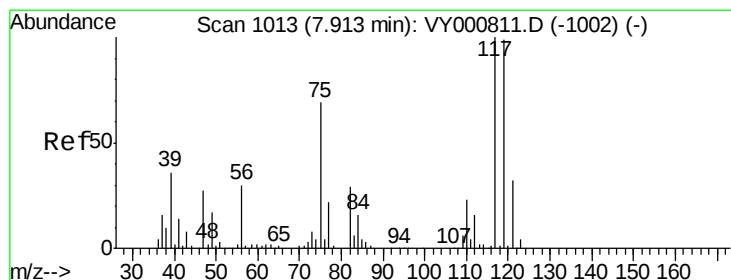
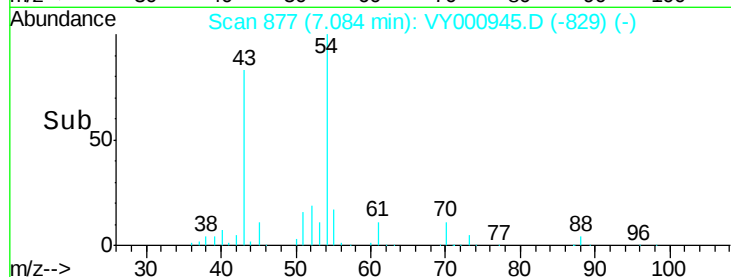
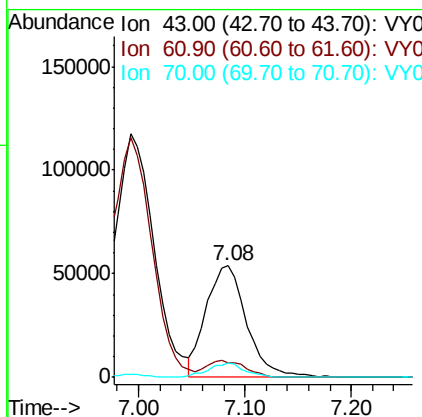
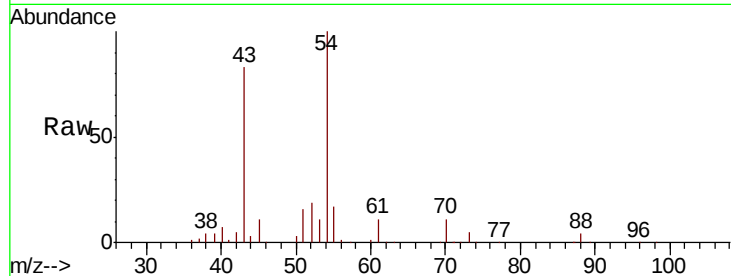
#37
Ethyl Acetate
Concen: 45.454 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	11.9	8.7	13.1

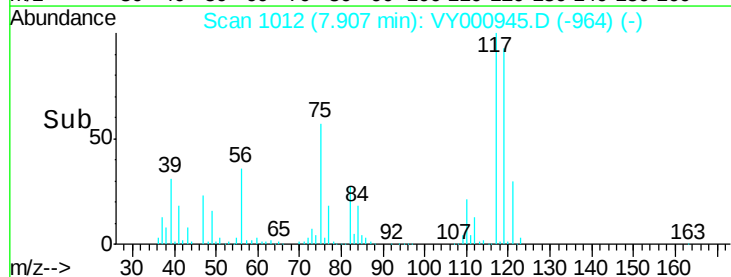
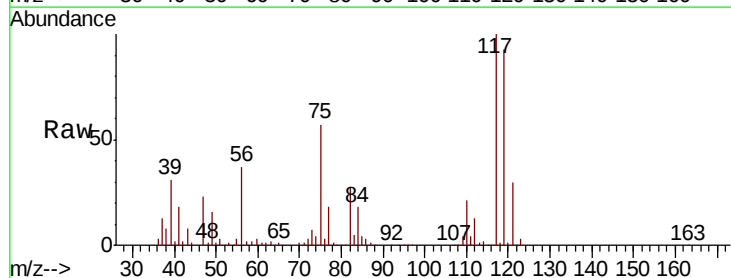
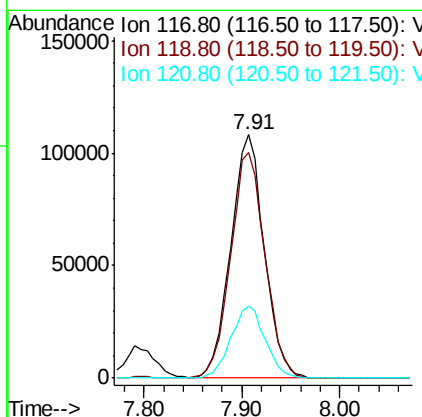
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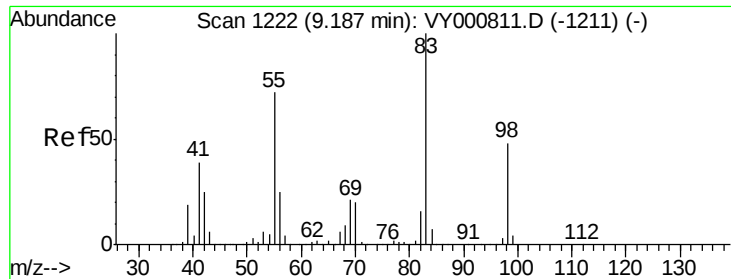
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#38
Carbon Tetrachloride
Concen: 53.803 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.3	118.9
121	29.6	25.5	38.3





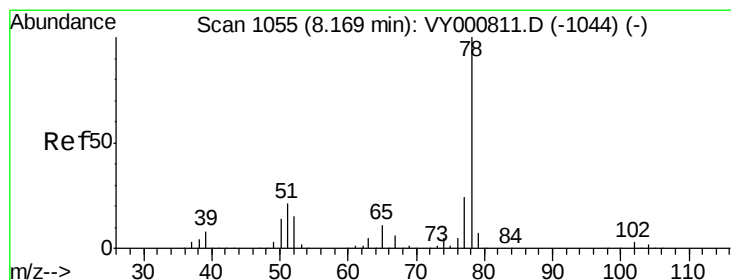
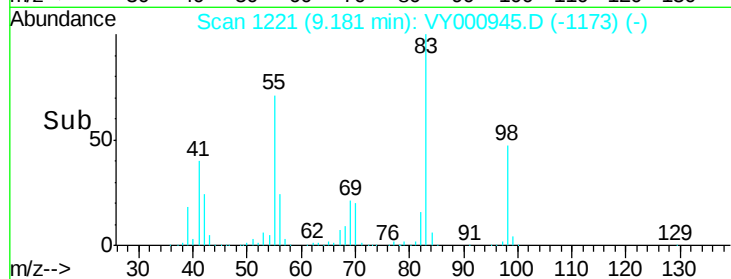
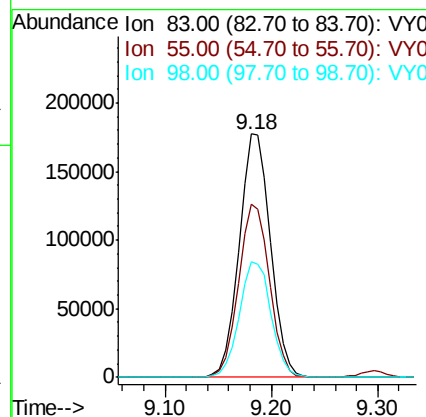
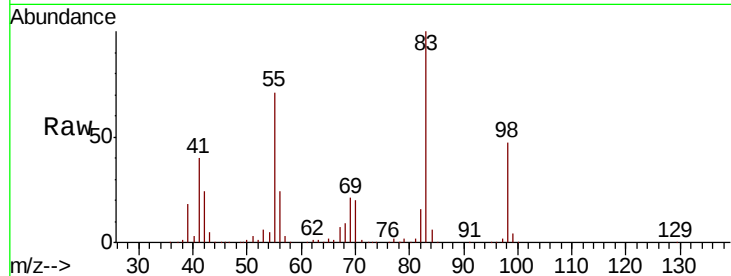
#39
Methvlcvclohexane
Concen: 51.607 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83.00	Resp	365831
Ion	Ratio	Lower	Upper
83	100		
55	71.0	57.8	86.6
98	47.3	38.6	58.0

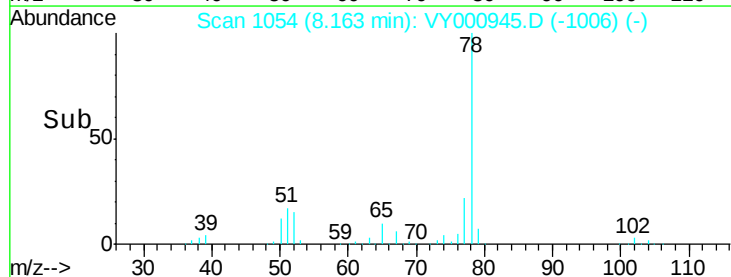
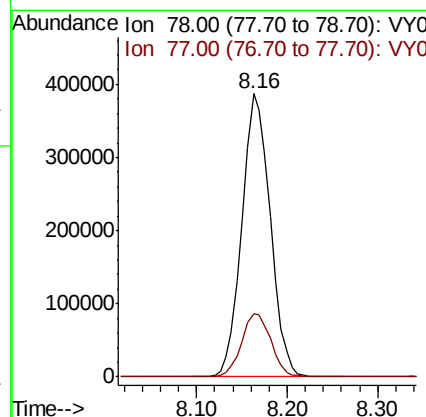
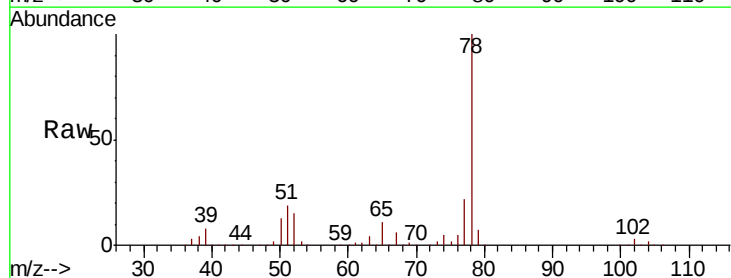
Manual Integrations
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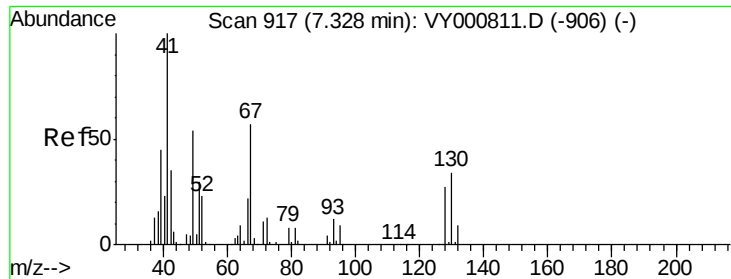
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#40
Benzene
Concen: 53.801 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	78.00	Resp	838482
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





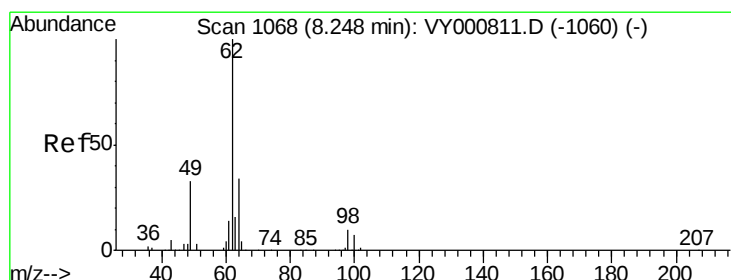
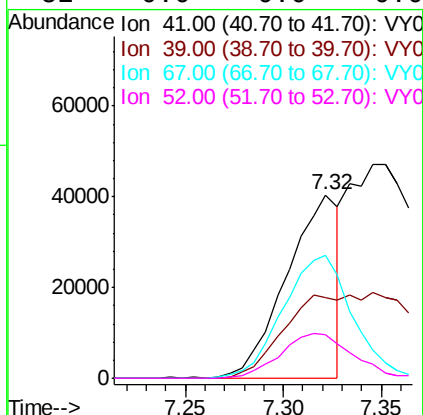
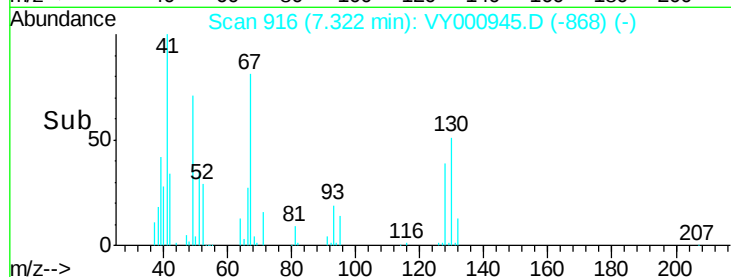
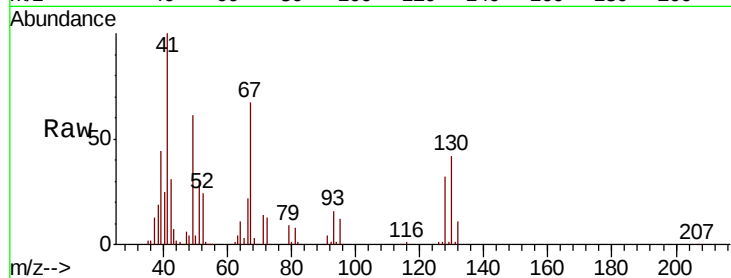
#41
Methacrylonitrile
Concen: 46.703 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	76047
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

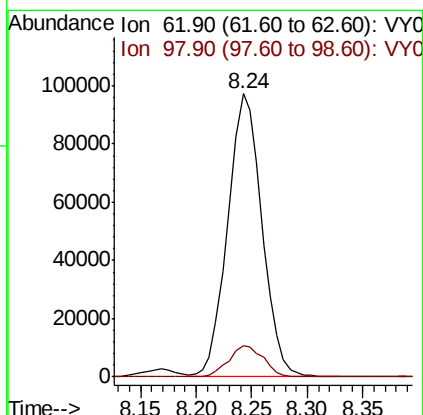
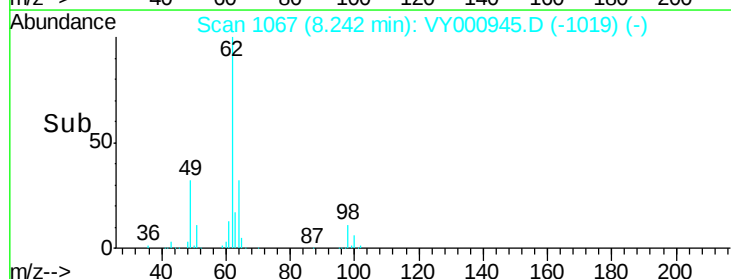
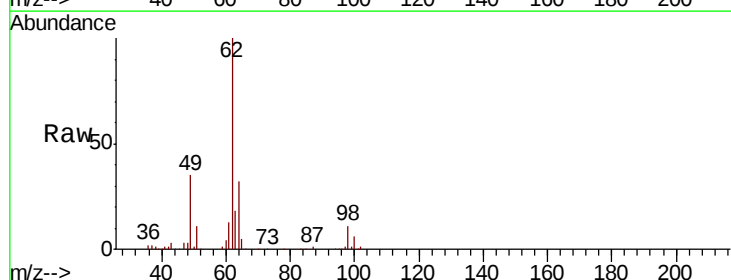
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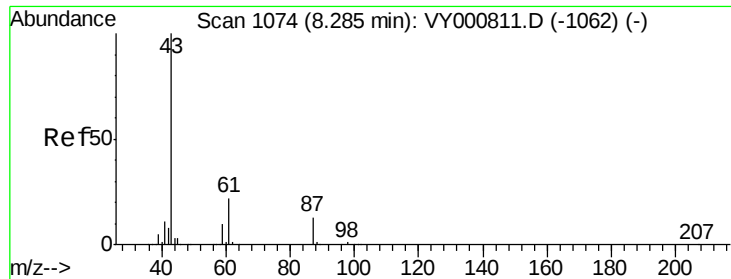
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#42
1,2-Dichloroethane
Concen: 50.683 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	62	Resp	207735
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	21.4





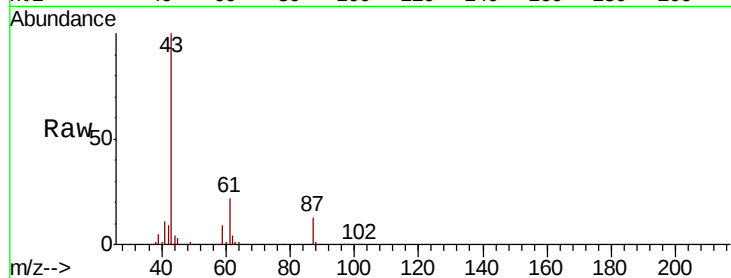
#43
Isopropyl Acetate
Concen: 48.386 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

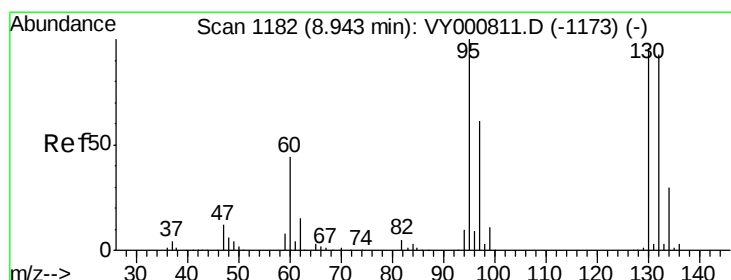
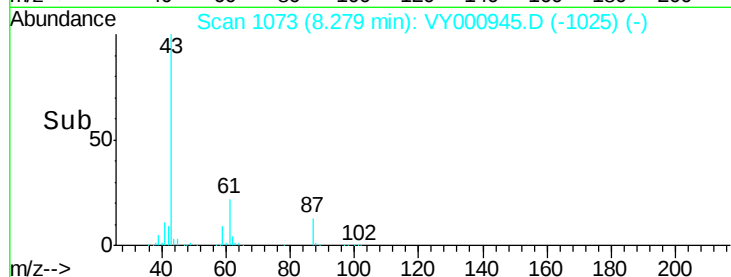
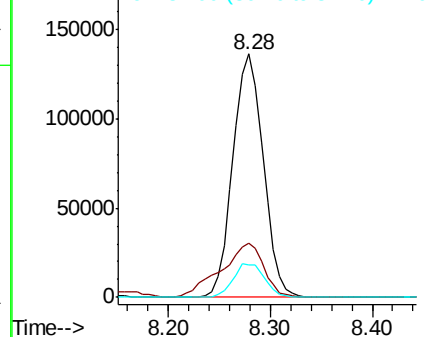
Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	23.7	35.5
87	14.4	10.6	15.8

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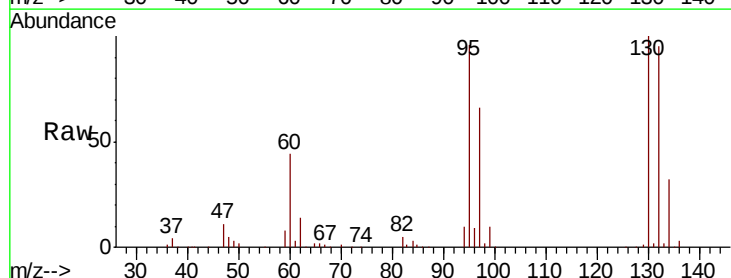


Abundance Ion 43.00 (42.70 to 43.70): VY000945.D (-1062) (-)
Ion 61.00 (60.70 to 61.70): VY000945.D (-1062) (-)
Ion 87.00 (86.70 to 87.70): VY000945.D (-1062) (-)

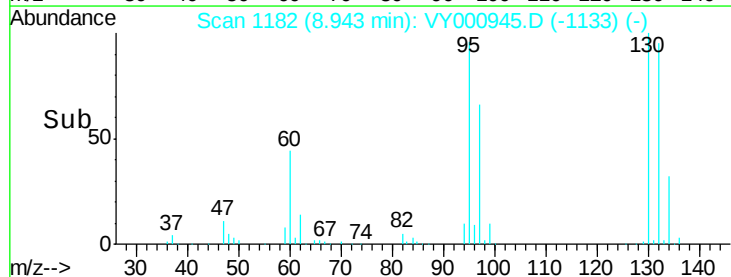
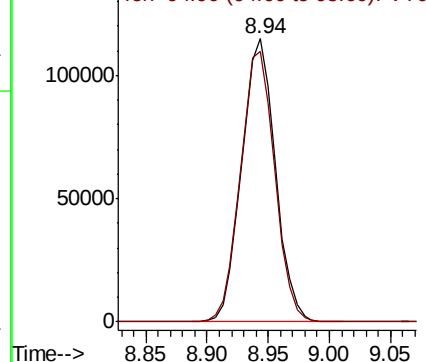


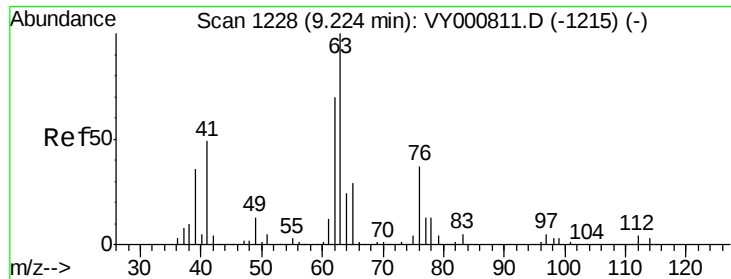
#44
Trichloroethene
Concen: 54.834 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000945.D (-1133) (-)
Ion 94.90 (94.60 to 95.60): VY000945.D (-1133) (-)





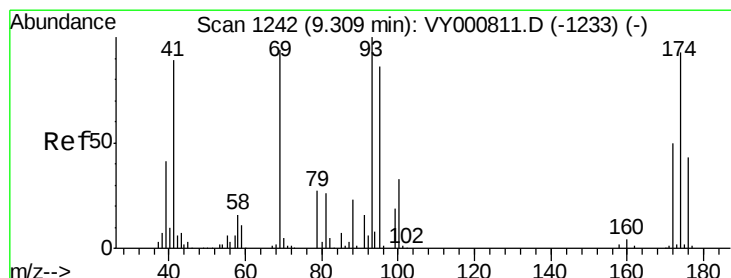
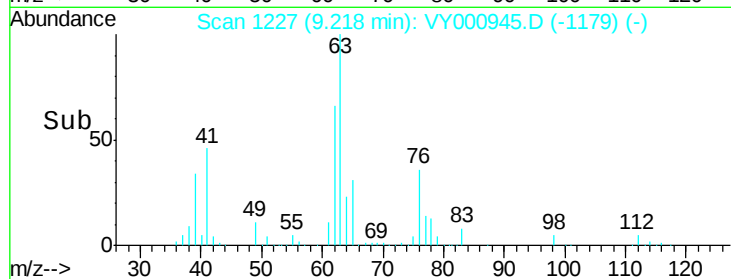
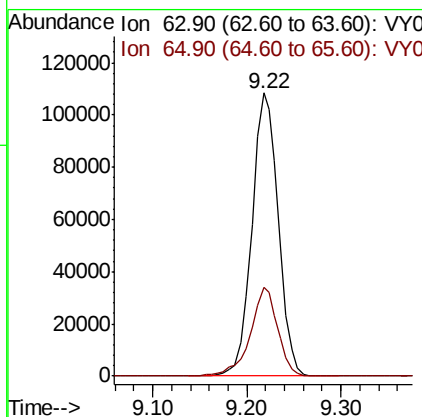
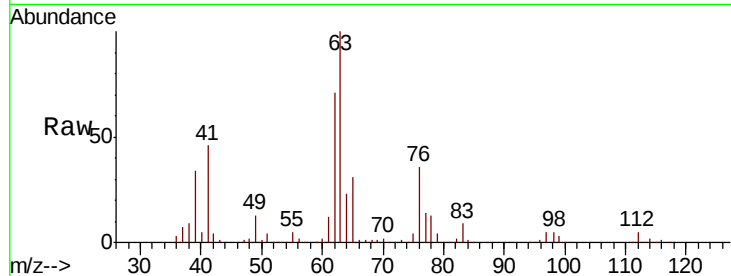
#45
 1,2-Dichloropropane
 Concen: 54.449 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	213151		
65	31.3	23.2	34.8	

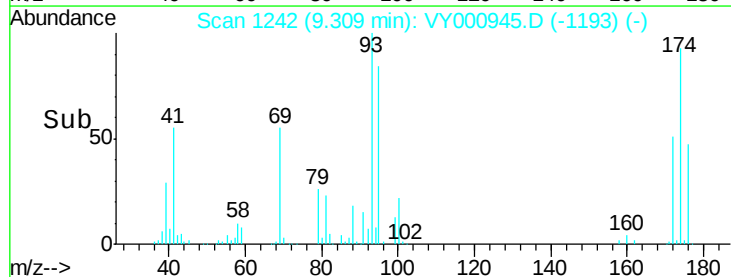
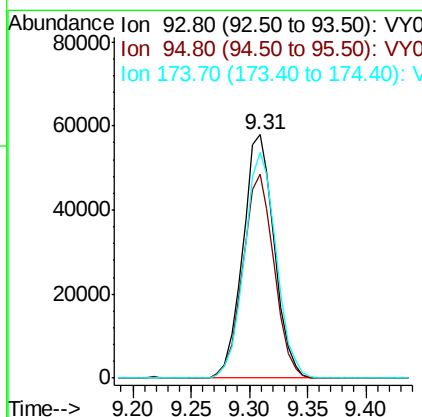
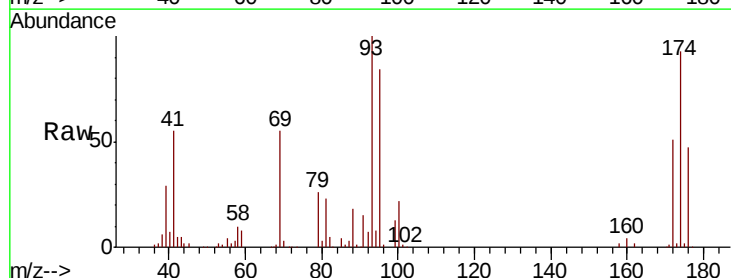
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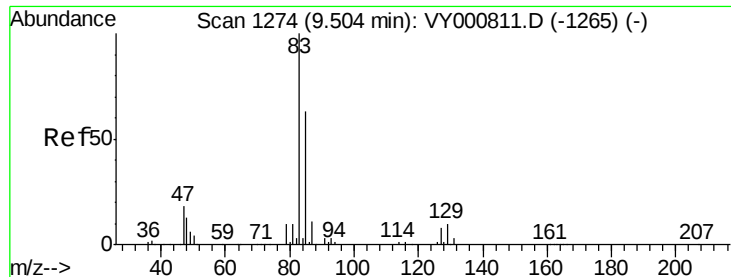
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#46
 Dibromomethane
 Concen: 53.252 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108921		
95	83.1	66.4	99.6	
174	93.7	73.0	109.6	





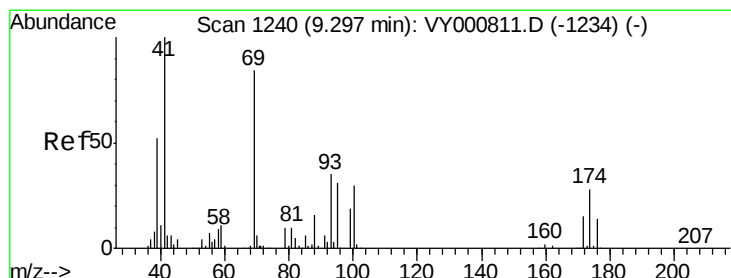
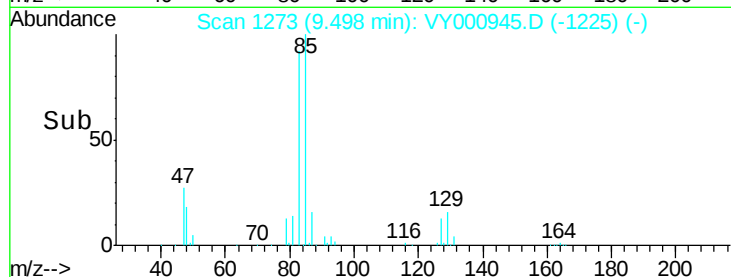
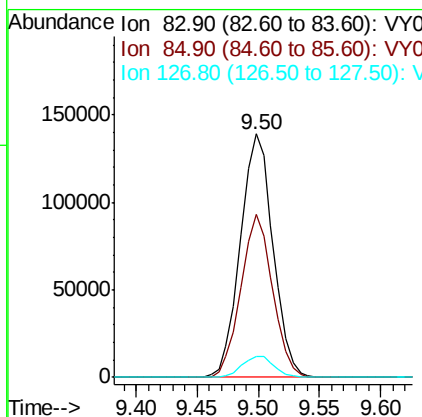
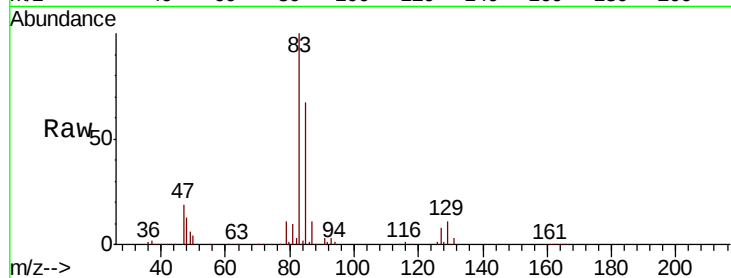
#47
Bromodichloromethane
Concen: 53.667 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257865		
85	67.1		50.8	76.2
127	8.4		6.6	10.0

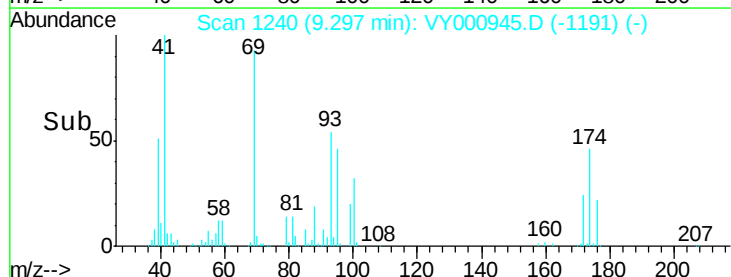
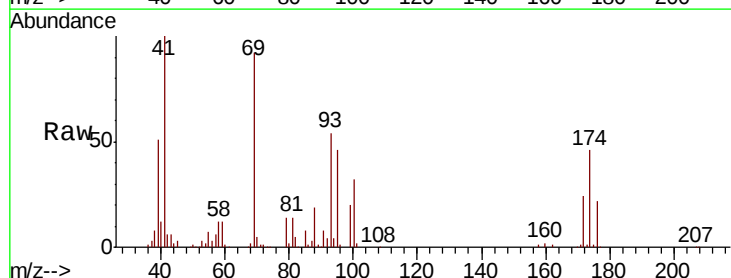
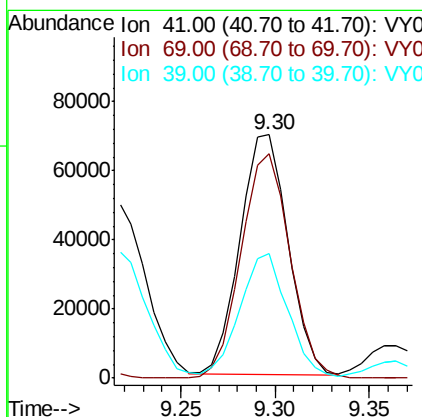
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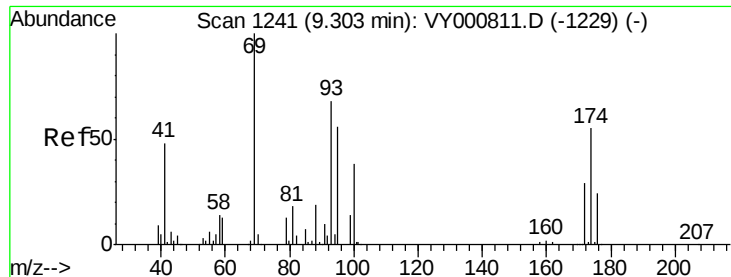
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#48
Methyl methacrylate
Concen: 48.311 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	123683		
69	95.1		70.4	105.6
39	51.7		40.9	61.3





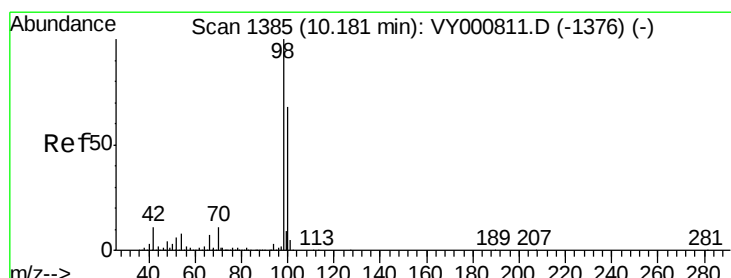
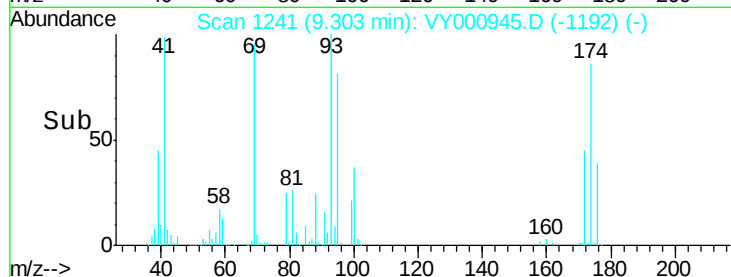
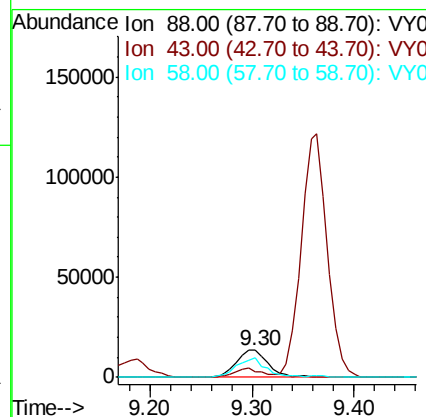
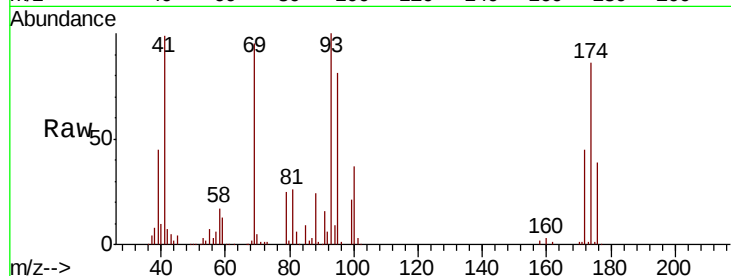
#49
1,4-Dioxane
Concen: 1019.062 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.1	31.7
58	66.2	50.7	76.1

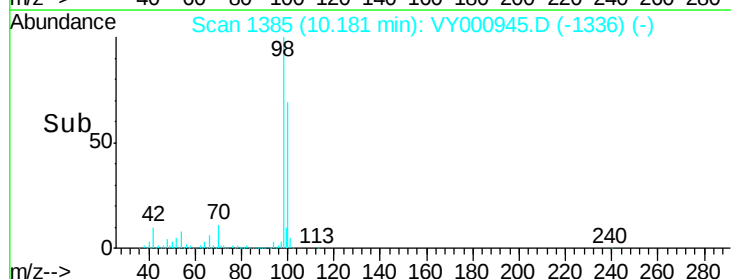
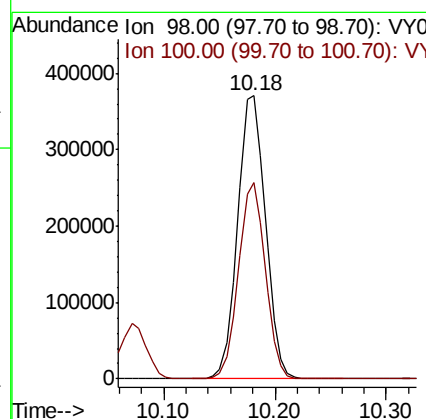
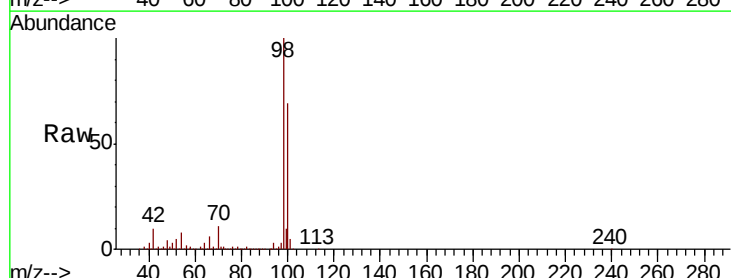
Manual Integrations
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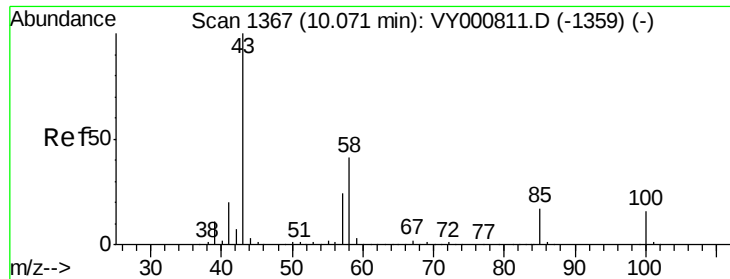
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#50
Toluene-d8
Concen: 51.116 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 241.002 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 724951

Ion Ratio Lower Upper

43 100

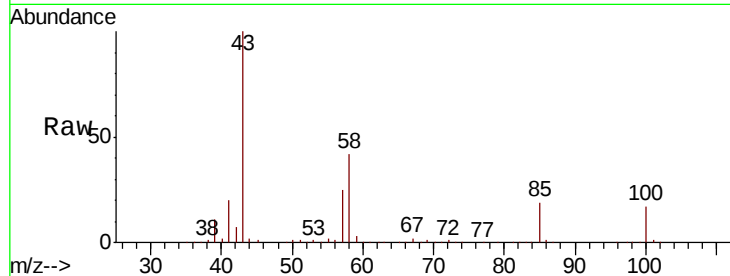
58 42.2 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

400000

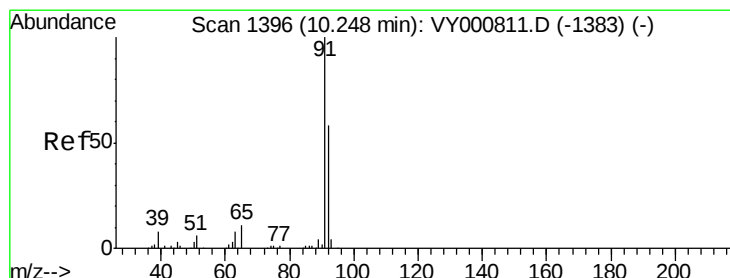
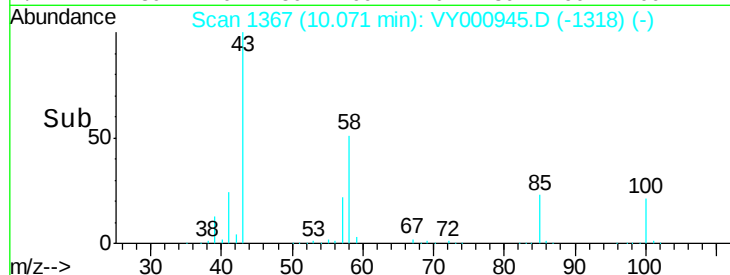
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.591 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000945.D

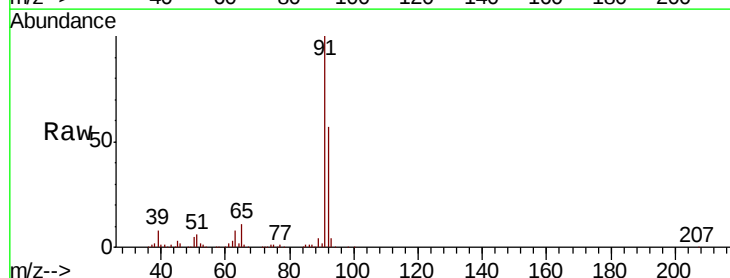
Acq: 16 Dec 2019 10:38

Tgt Ion: 92 Resp: 517127

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

600000

500000

400000

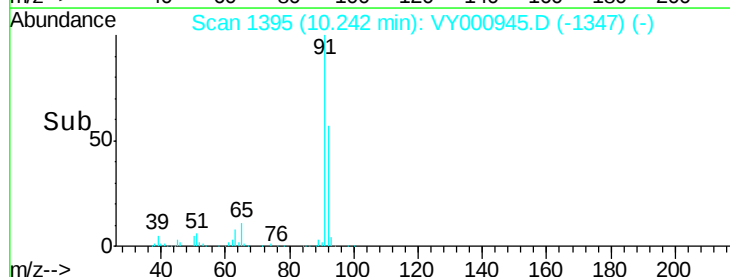
300000

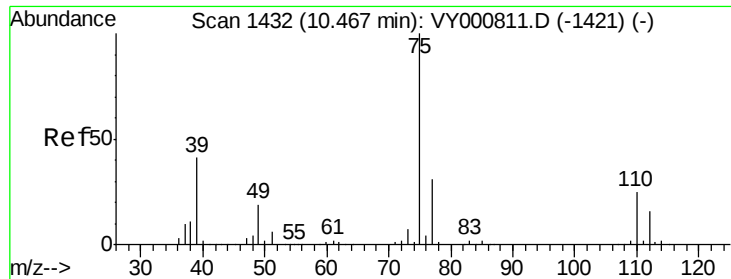
200000

100000

0

Time-->





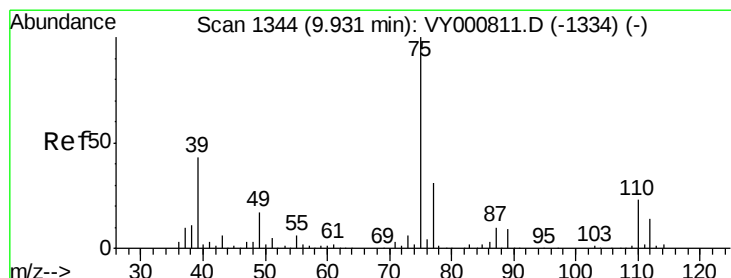
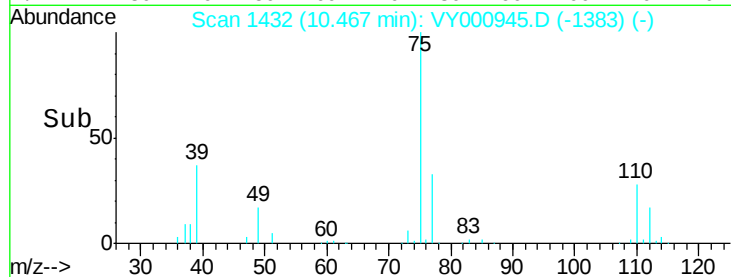
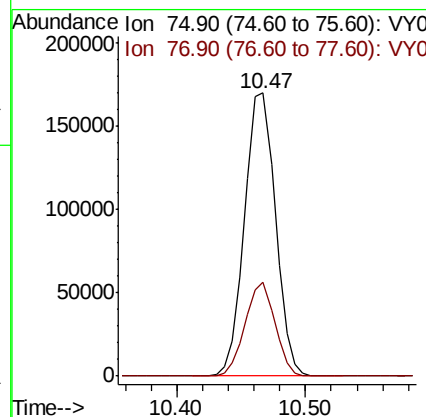
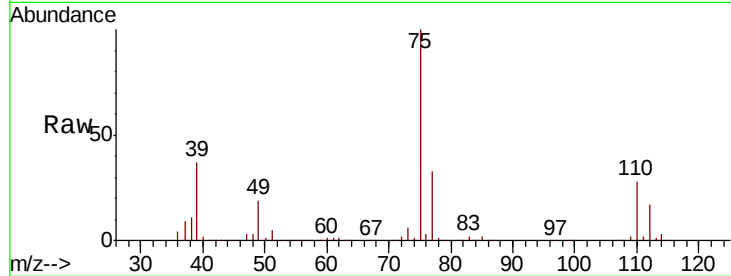
#53
t-1,3-Dichloropropene
Concen: 54.685 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.1	37.7

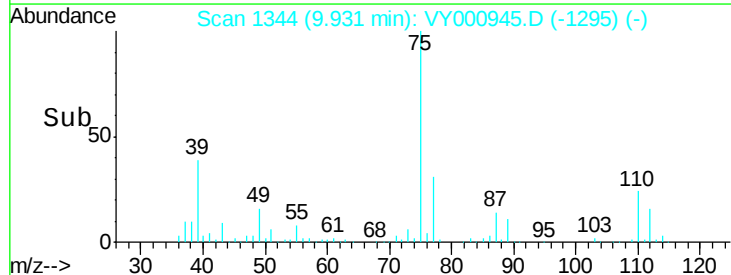
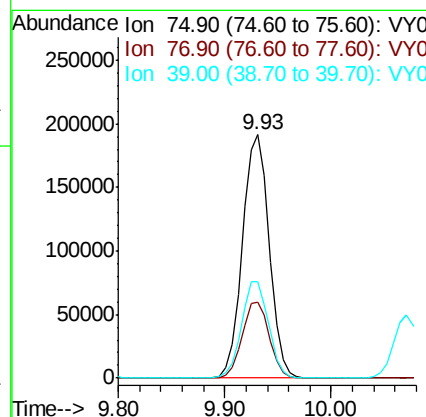
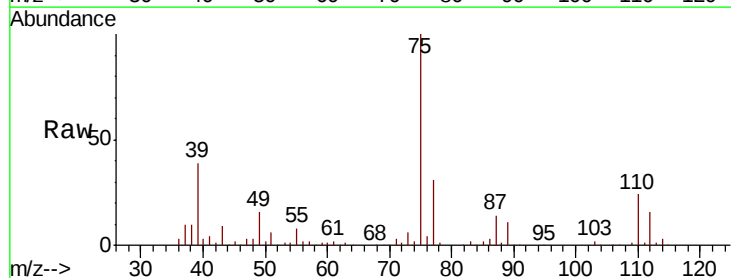
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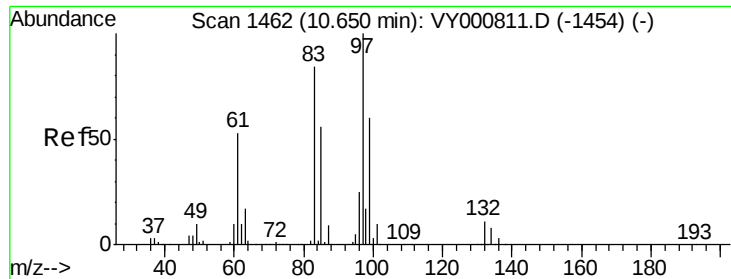
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#54
cis-1,3-Dichloropropene
Concen: 55.206 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1
39	39.3	34.5	51.7





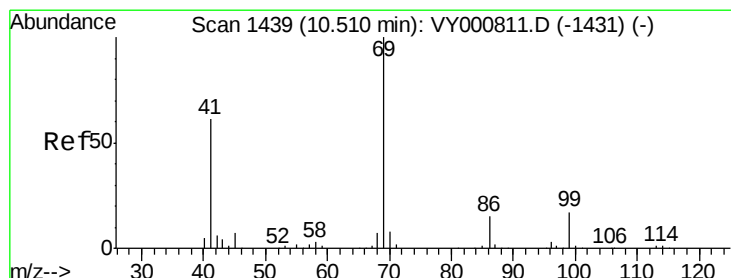
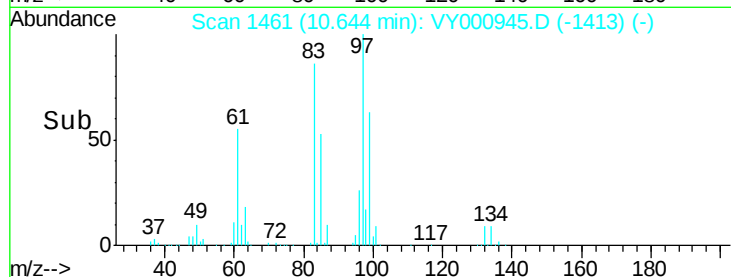
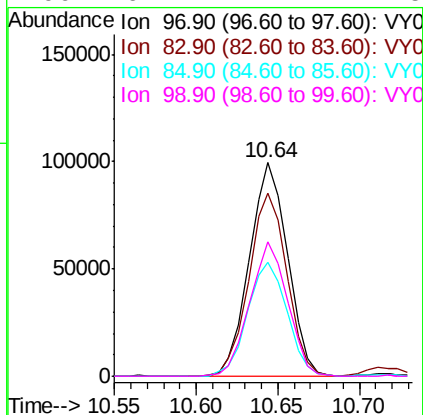
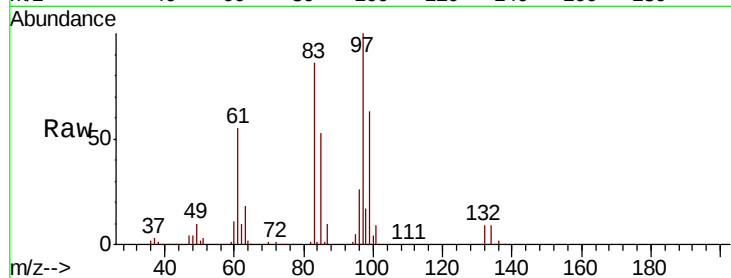
#55
 1,1,2-Trichloroethane
 Concen: 53.838 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.5	101.3
85	53.4	44.5	66.7
99	62.7	47.7	71.5

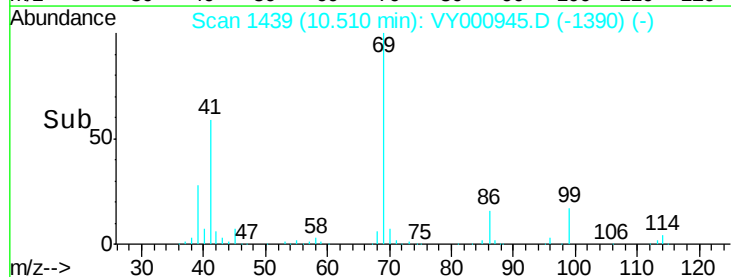
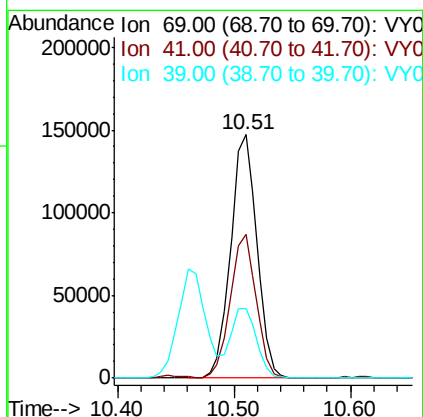
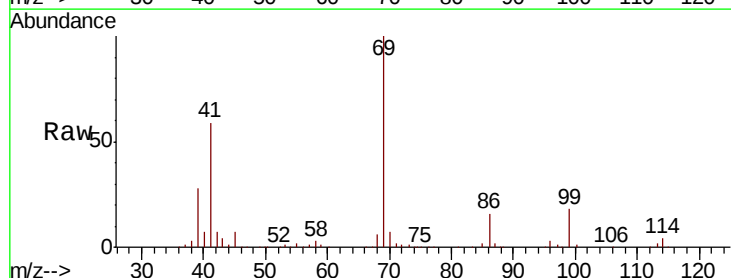
Manual Integrations
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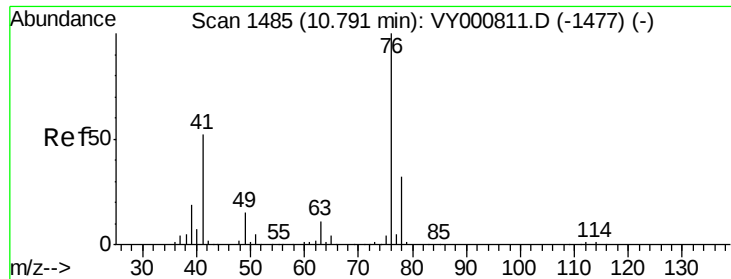
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#56
 Ethyl methacrylate
 Concen: 53.712 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.7	49.0	73.6
39	28.9	23.1	34.7





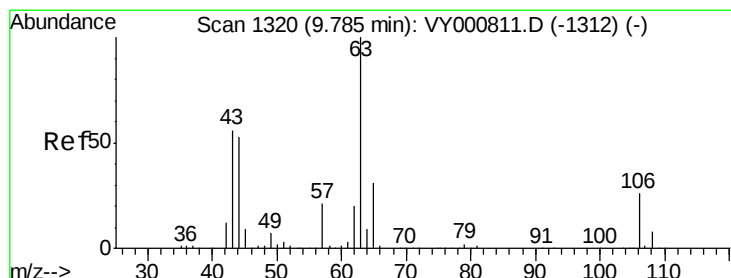
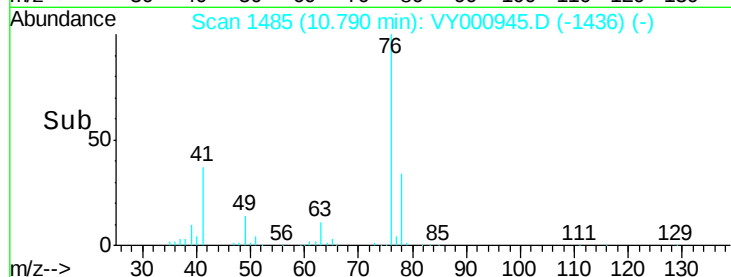
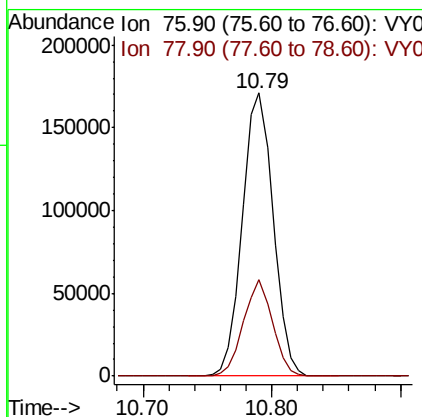
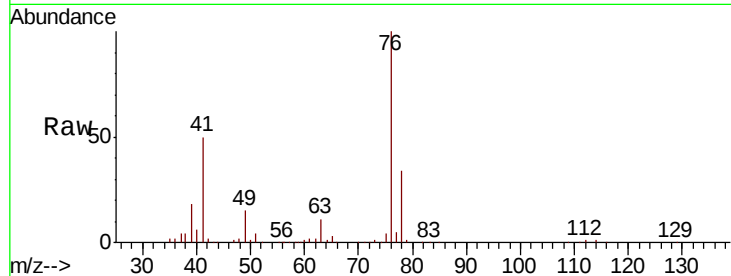
#57
 1,3-Dichloropropane
 Concen: 53.509 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 281825
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6

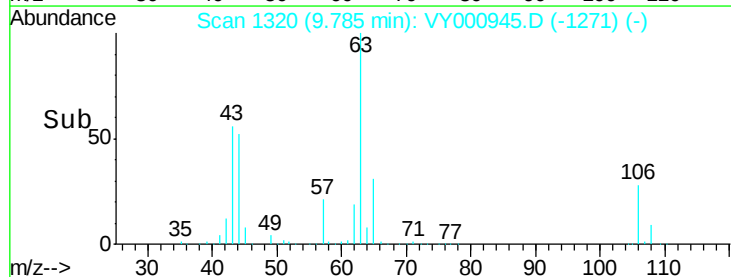
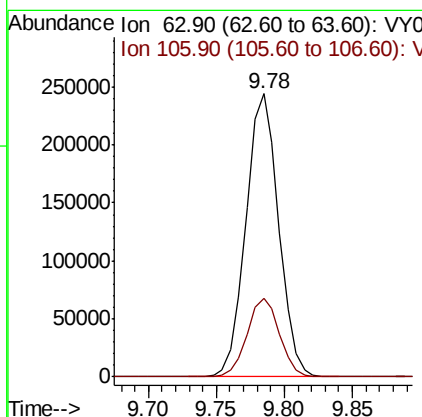
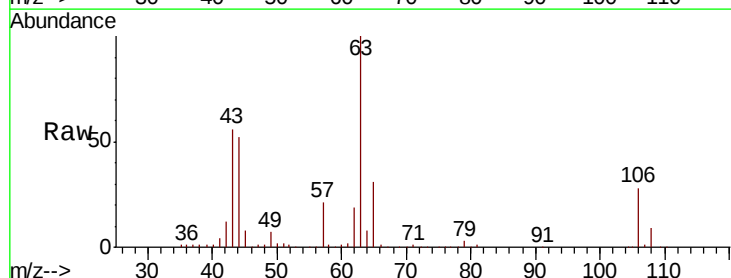
Manual Integrations
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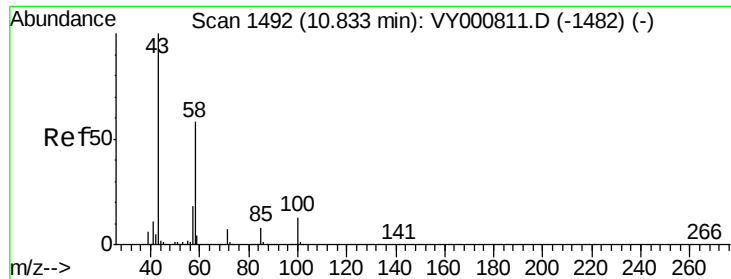
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#58
 2-Chloroethyl Vinyl ether
 Concen: 235.477 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 63 Resp: 410454
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.5 32.3





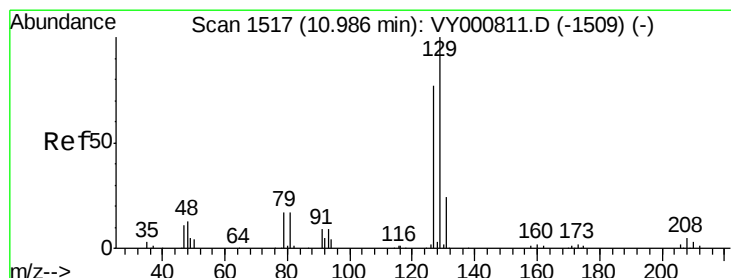
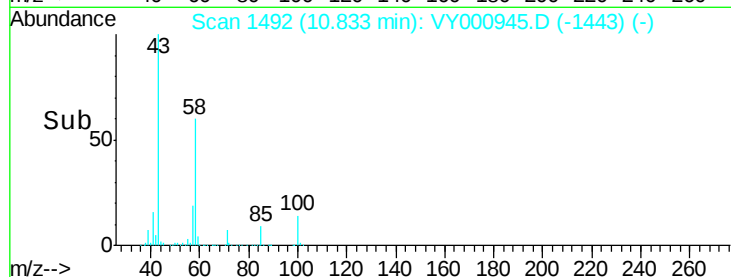
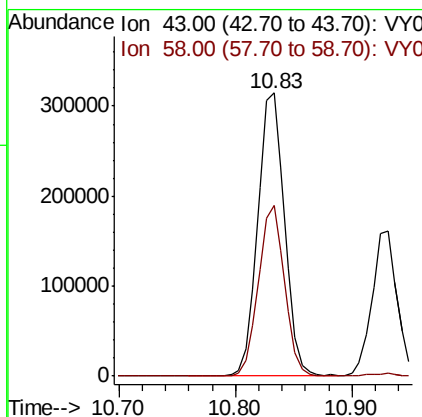
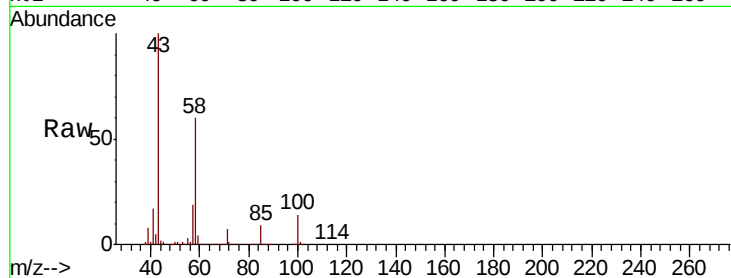
#59
2-Hexanone
Concen: 231.021 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 506378
Ion Ratio Lower Upper
43 100
58 58.5 29.0 87.1

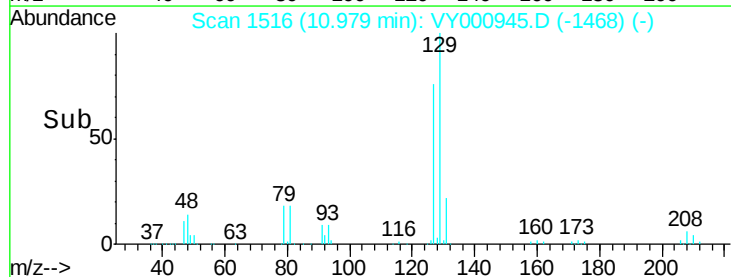
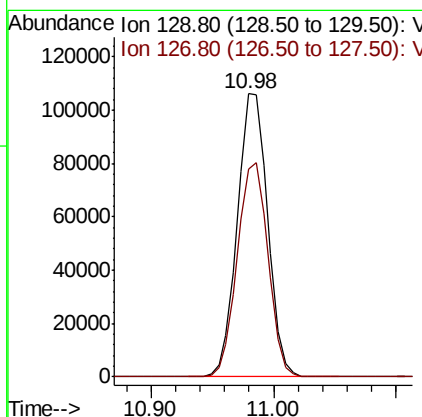
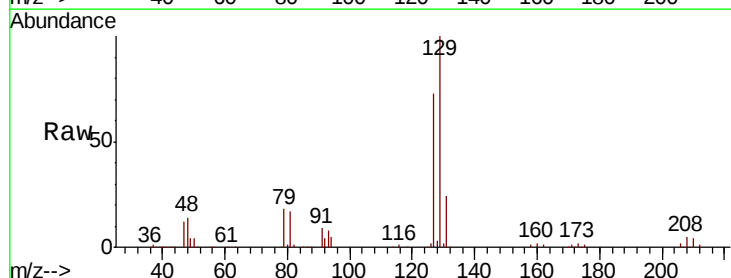
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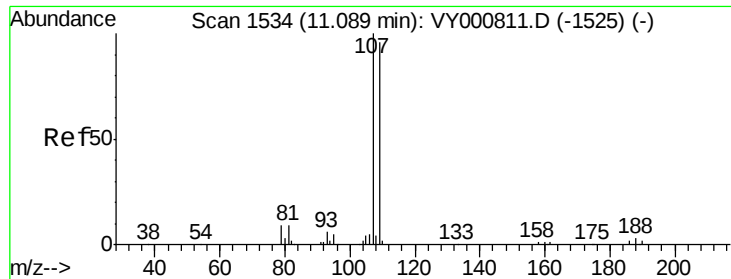
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#60
Dibromochloromethane
Concen: 56.029 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 129 Resp: 182268
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





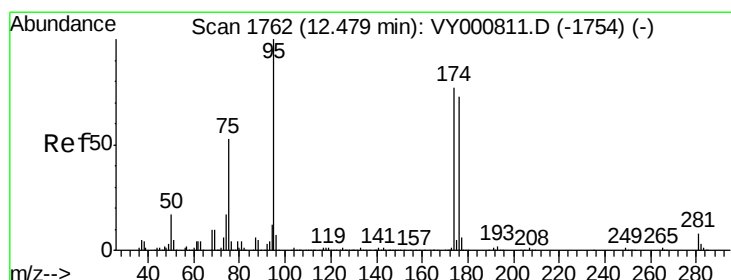
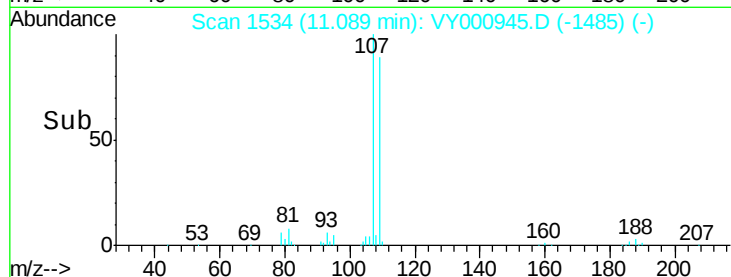
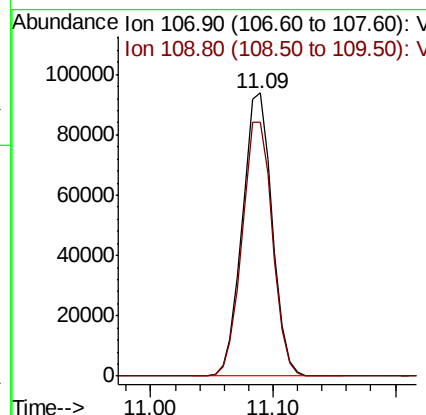
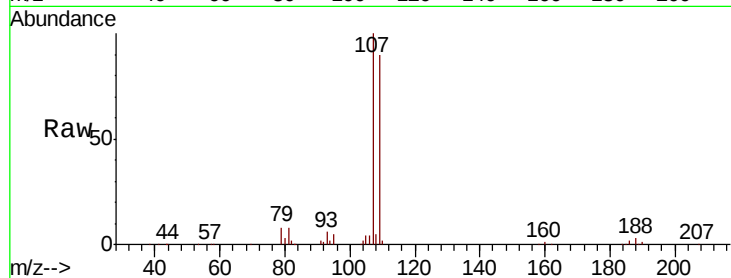
#61
 1,2-Dibromoethane
 Concen: 55.503 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.6	75.9	113.9

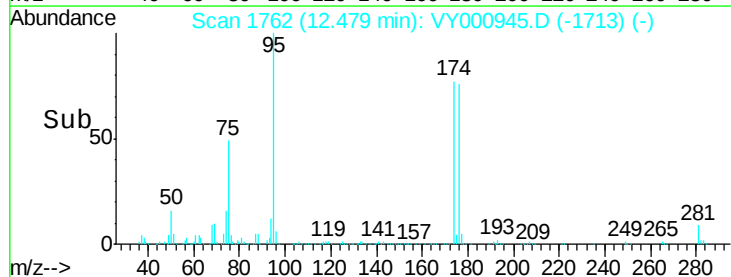
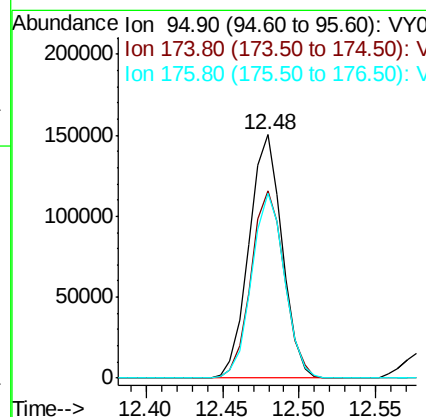
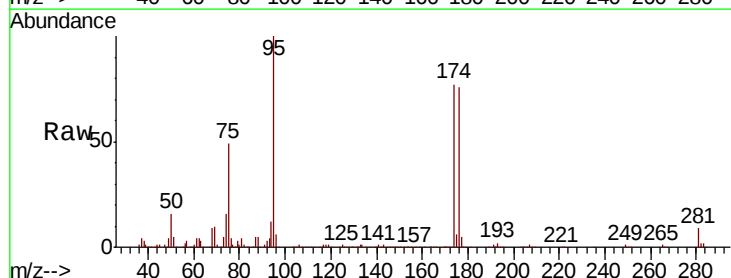
Manual Integrations
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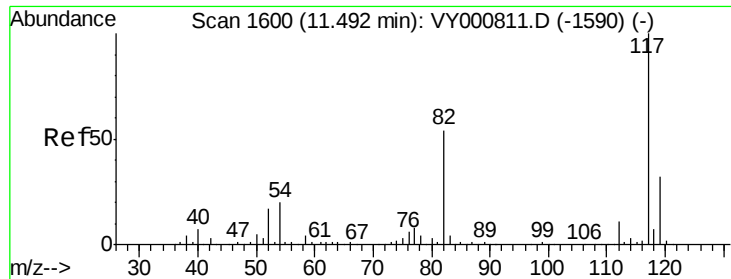
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#62
 4-Bromofluorobenzene
 Concen: 48.077 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	150.6
176	75.4	0.0	145.2





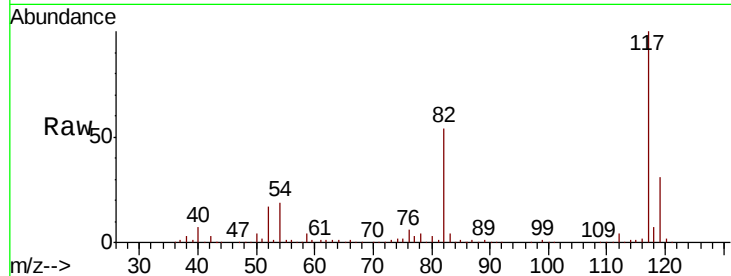
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.1	64.7
119	30.9	25.3	37.9

Manual Integrations
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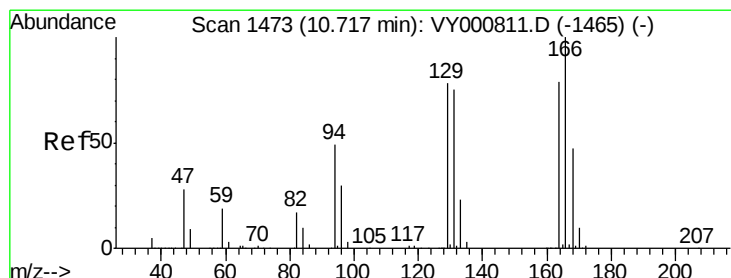
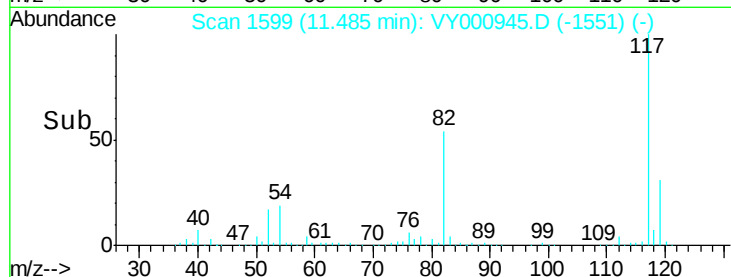
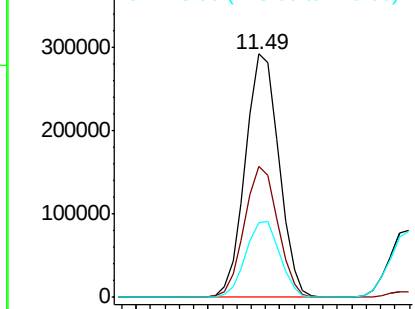


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 54.237 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.8	152.8
129	95.5	79.3	118.9
131	92.6	76.4	114.6

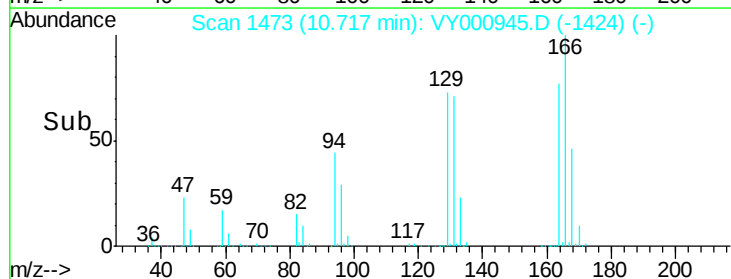
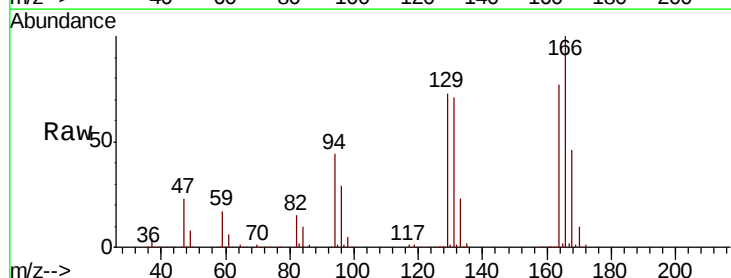
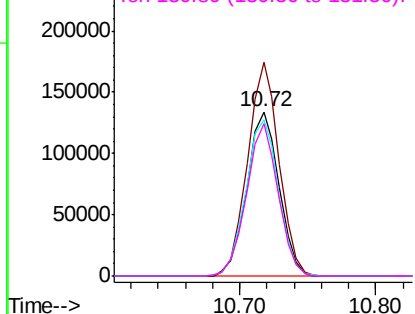
Abundance

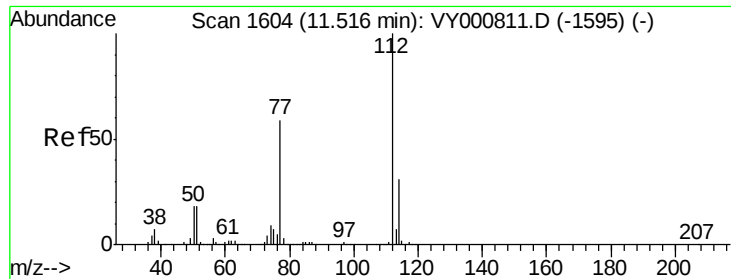
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 54.963 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 539428

Ion Ratio Lower Upper

112 100

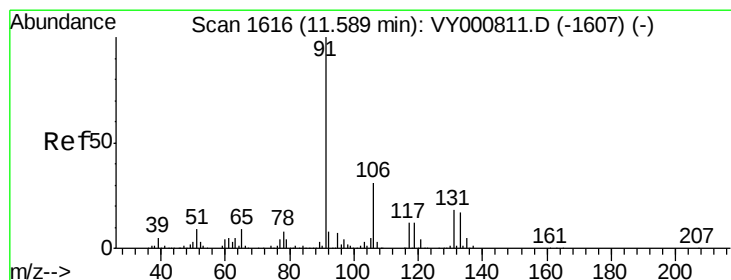
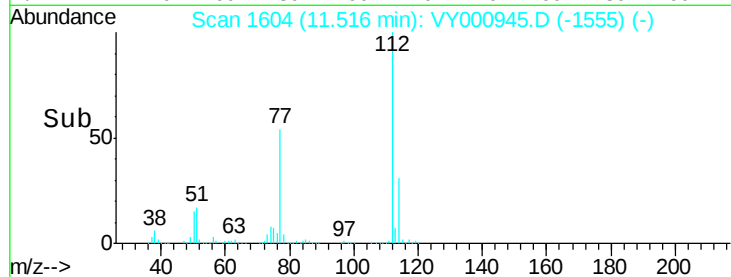
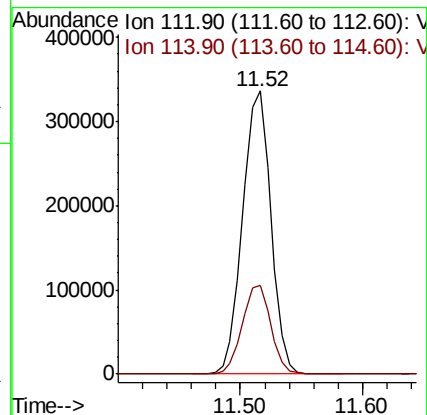
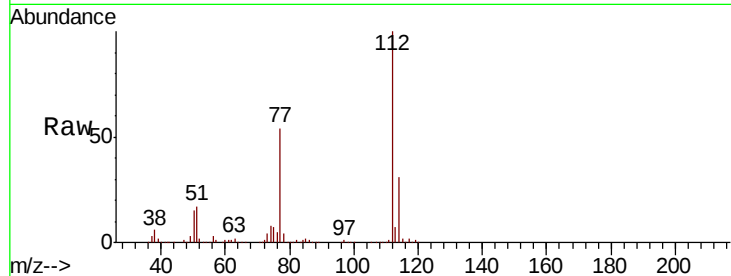
114 31.3 25.1 37.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.540 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

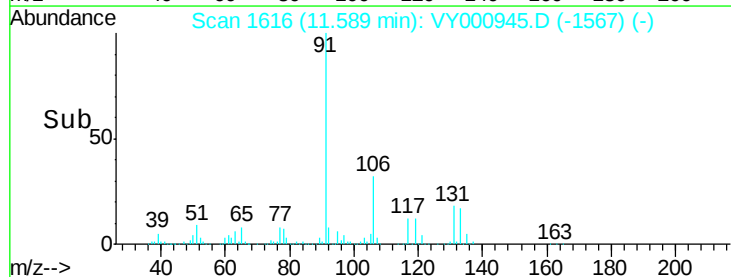
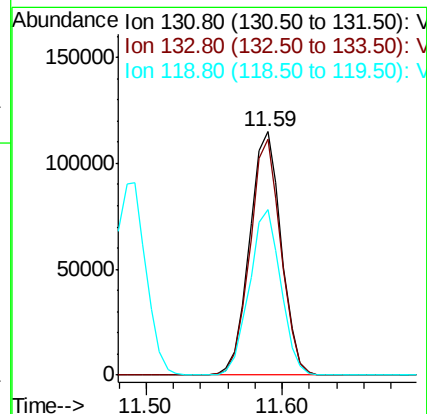
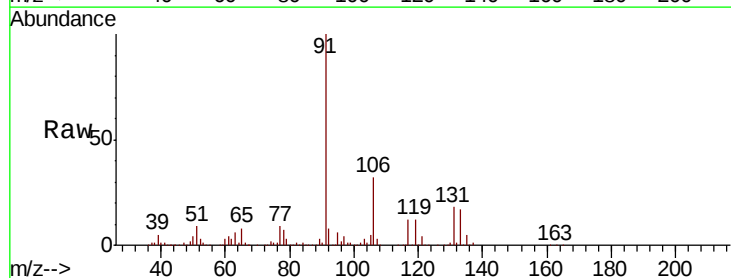
Tgt Ion:131 Resp: 187004

Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.2

119 67.7 33.8 101.3





#67

Ethyl Benzene

Concen: 53.887 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 984962

Ion Ratio Lower Upper

91 100

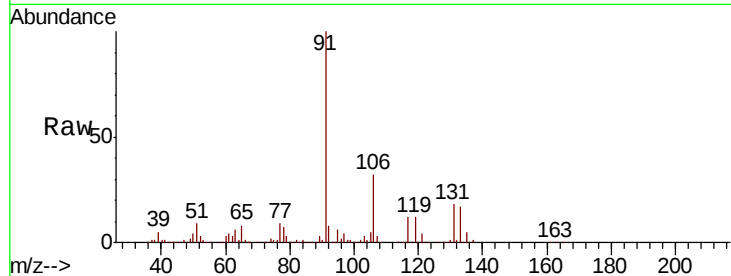
106 31.9 24.4 36.6

Manual Integrations

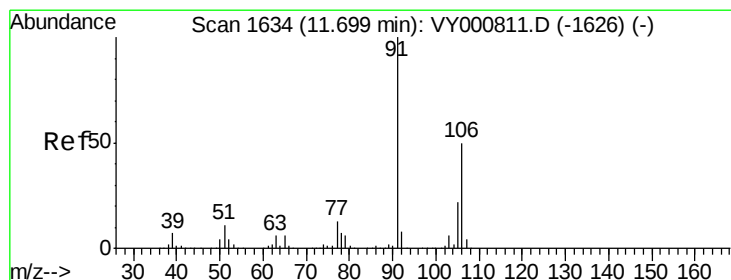
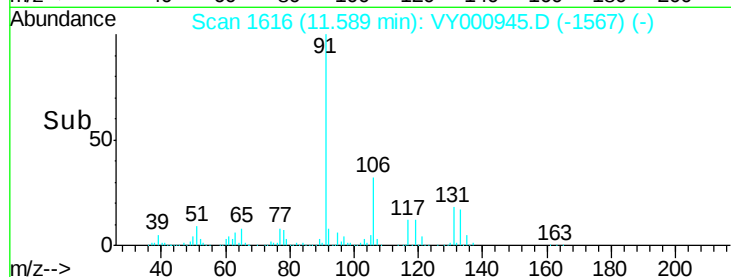
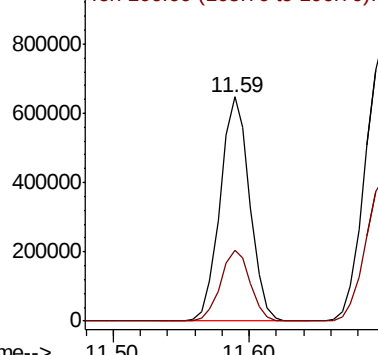
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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1608) (-)



#68

m/p-Xylenes

Concen: 108.950 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000945.D

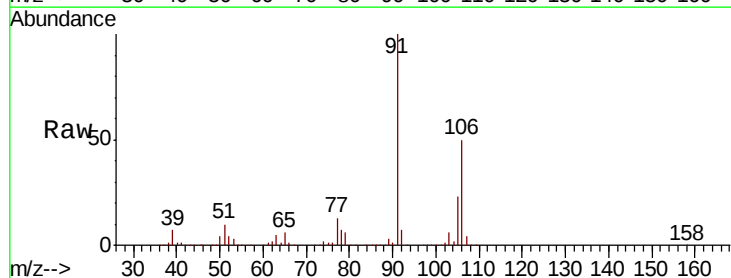
Acq: 16 Dec 2019 10:38

Tgt Ion: 106 Resp: 747468

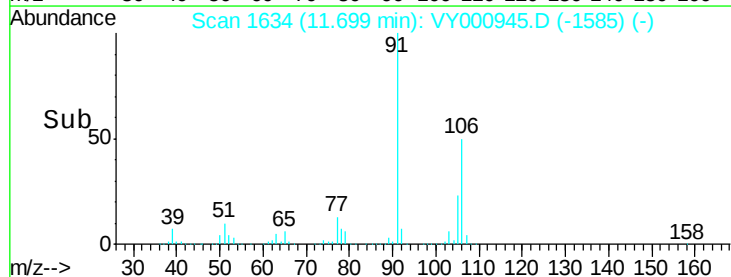
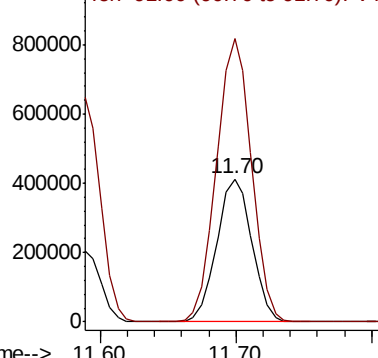
Ion Ratio Lower Upper

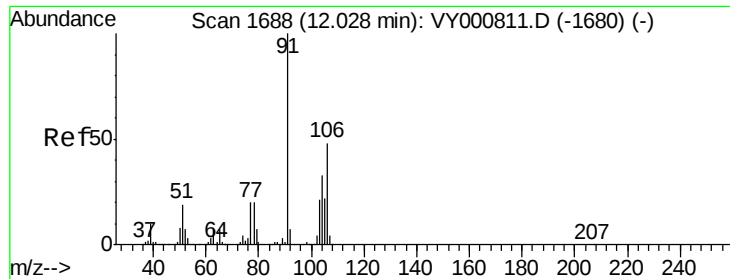
106 100

91 197.5 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000811.D (-1626) (-)





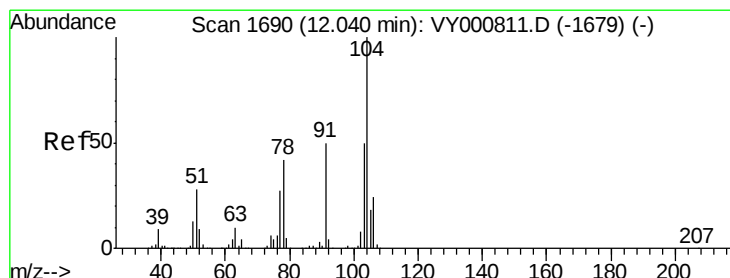
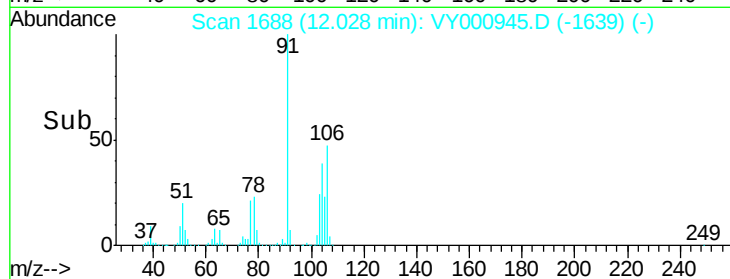
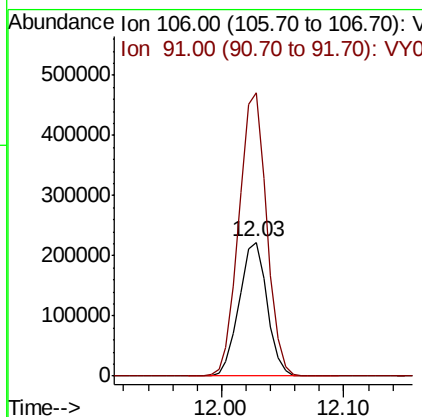
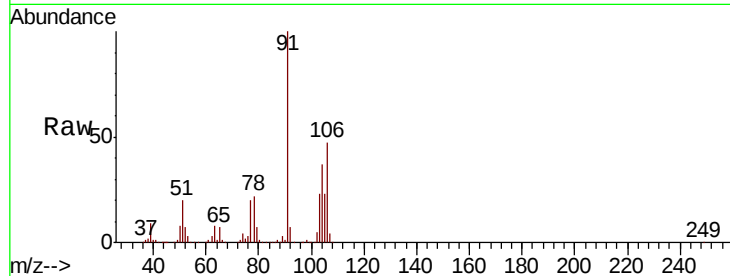
#69
o-Xylene
Concen: 54.876 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.9	106.1	318.1	

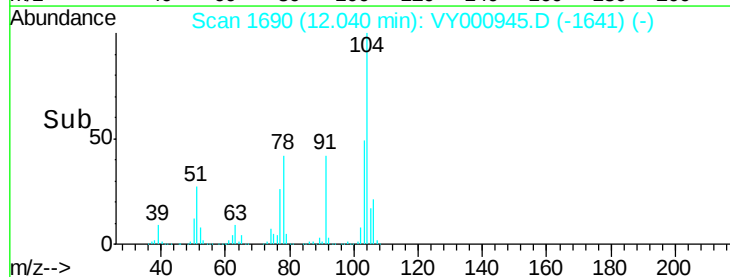
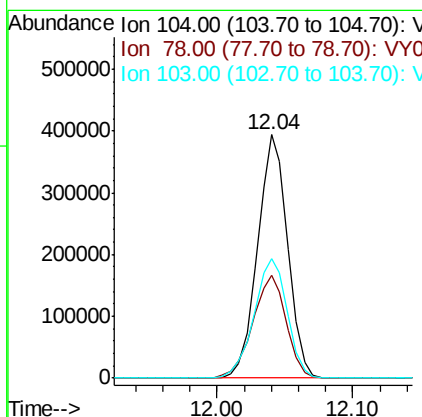
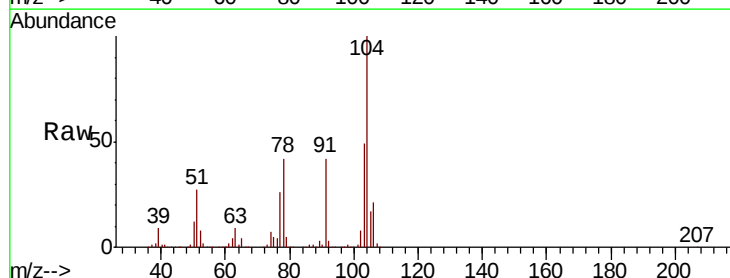
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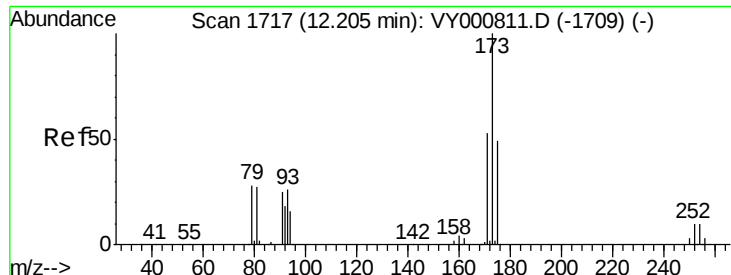
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#70
Styrene
Concen: 55.704 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.0	38.2	57.4	
103	54.2	43.4	65.0	





#71

Bromoform

Concen: 56.549 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 105489

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

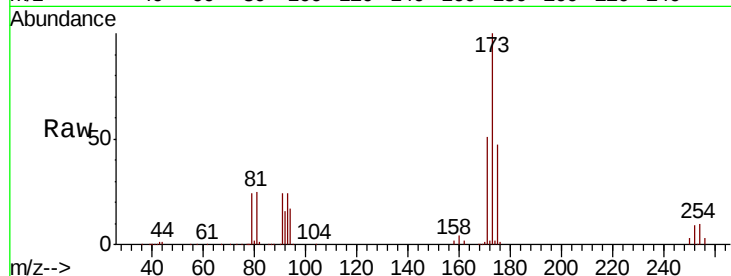
254 0.0 0.0 0.0

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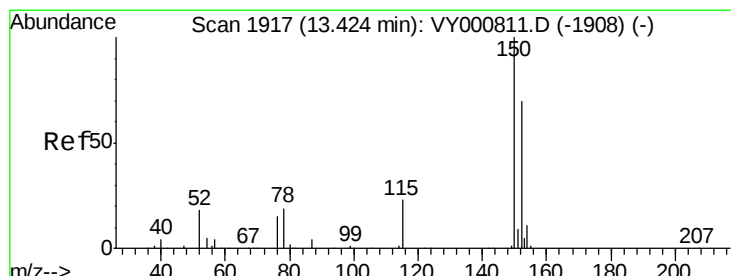
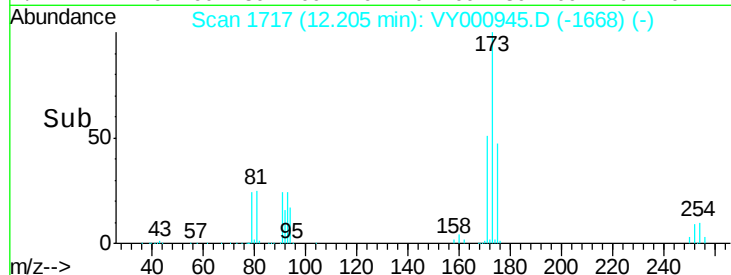
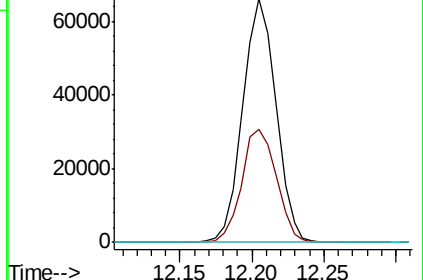
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

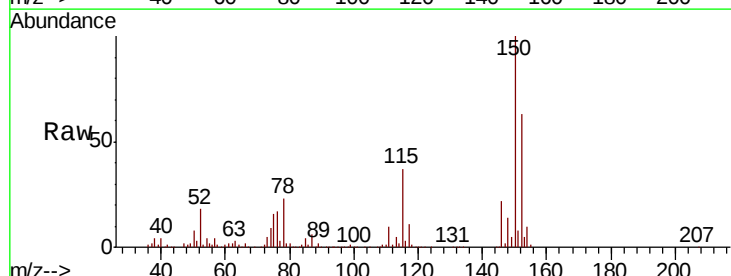
Tgt Ion:152 Resp: 221362

Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.8

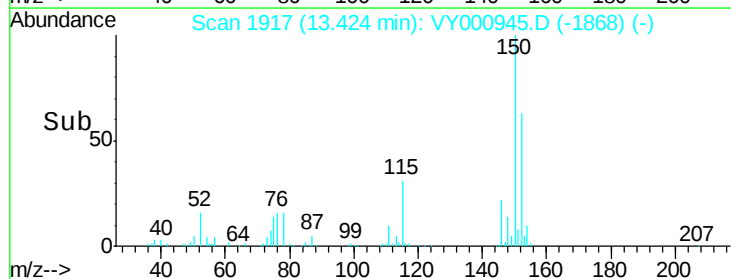
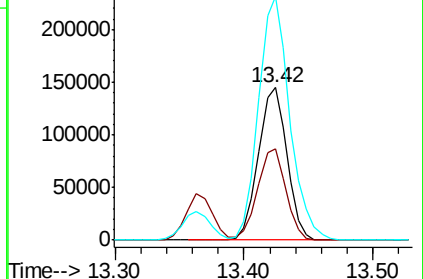
150 174.1 0.0 351.2

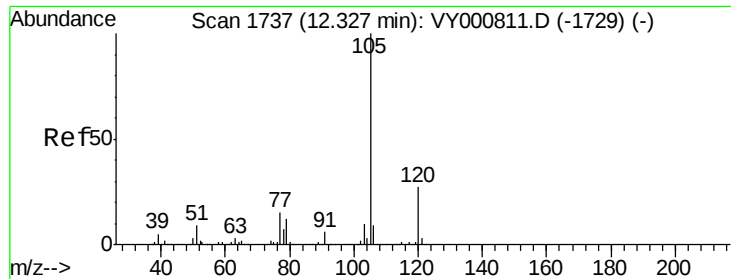


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





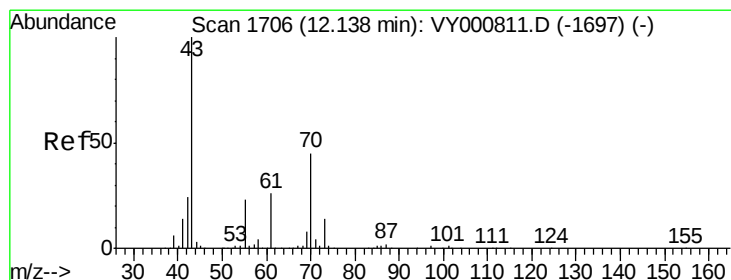
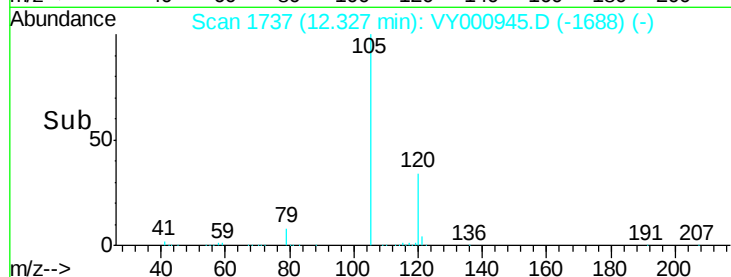
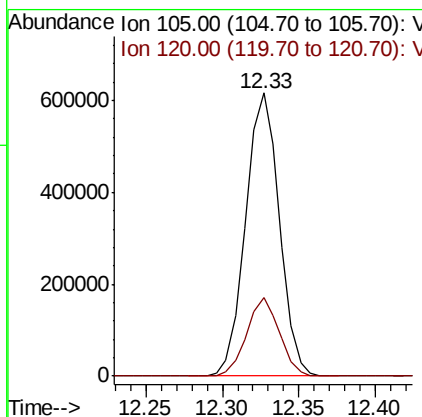
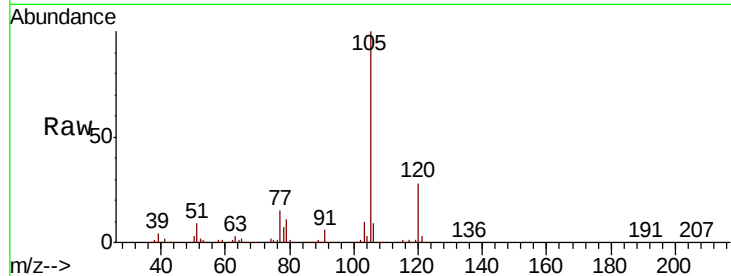
#73
Isopropylbenzene
Concen: 53.503 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

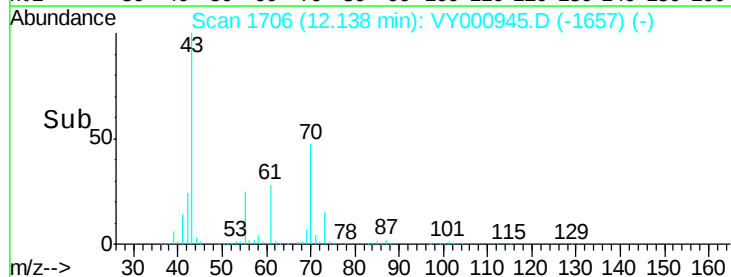
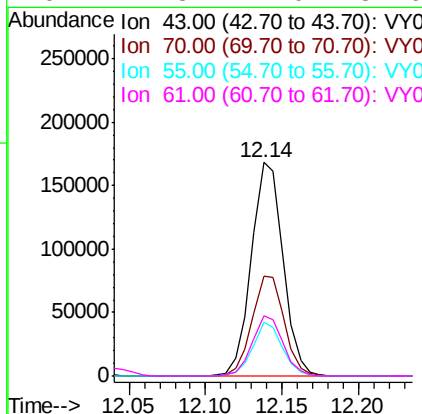
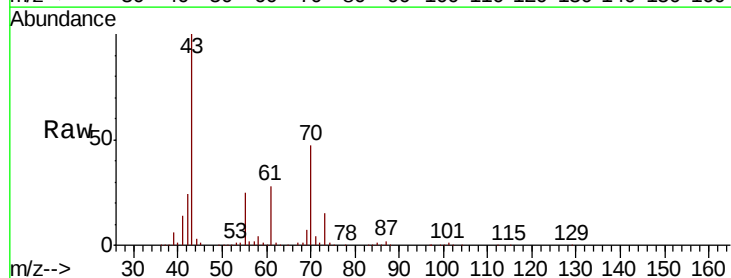
Manual Integrations
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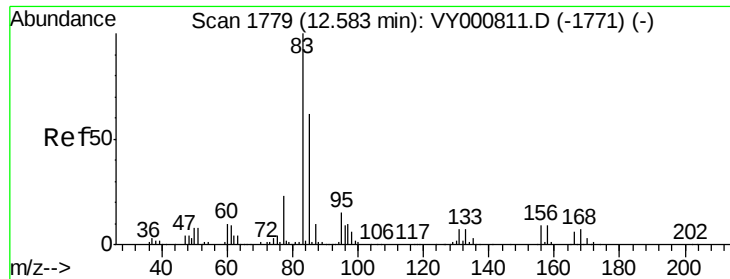
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#74
N-ethyl acetate
Concen: 49.612 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.4	36.6	54.8
55	23.7	18.8	28.2
61	27.3	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.950 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

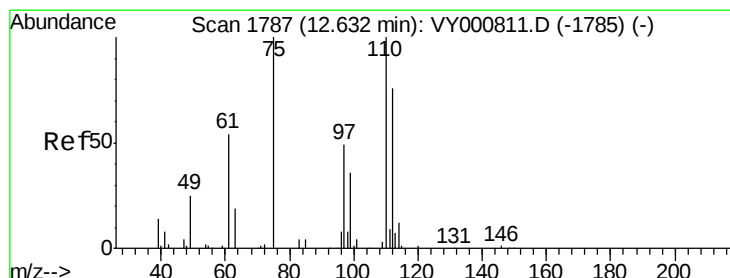
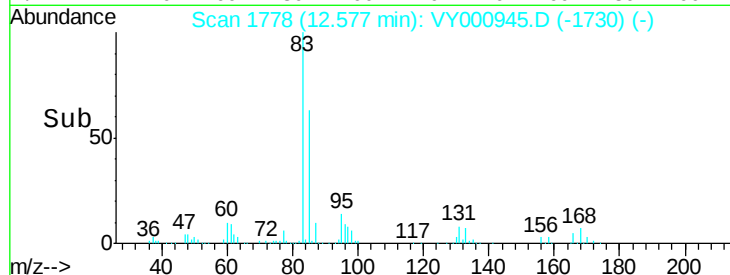
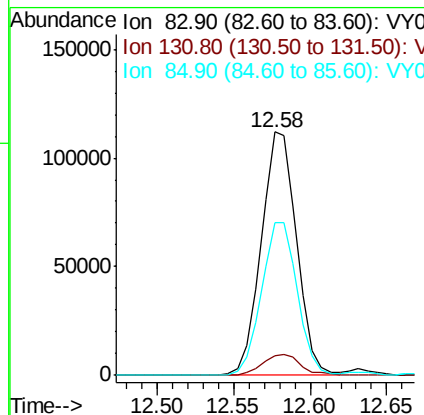
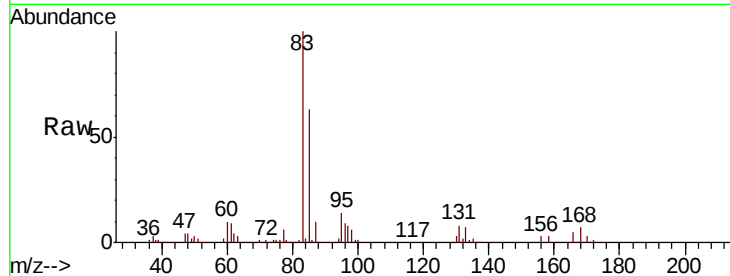
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	180413
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.3	13.1
85	63.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 49.297 ug/l m

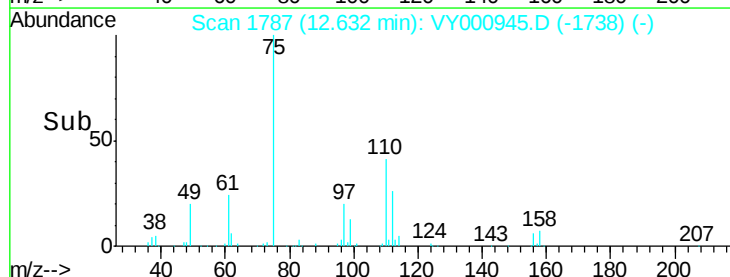
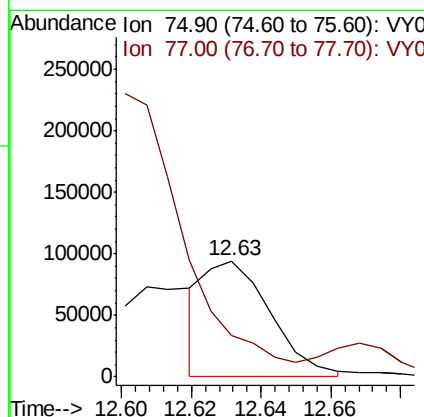
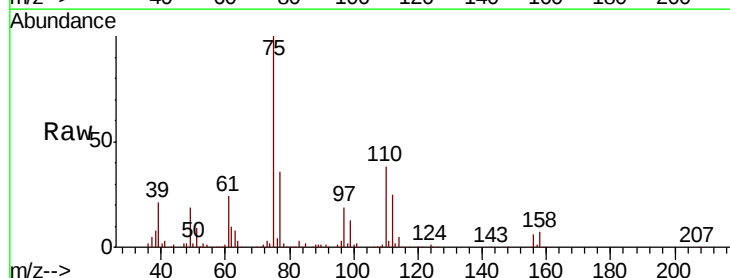
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	75	Resp:	123638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





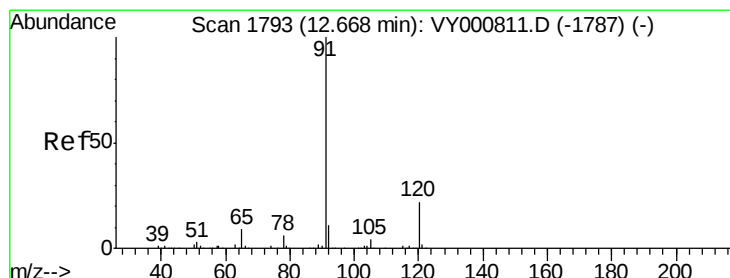
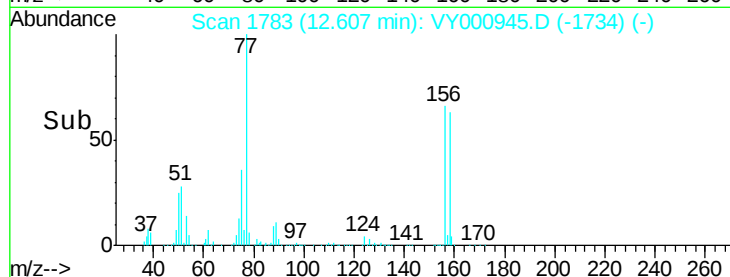
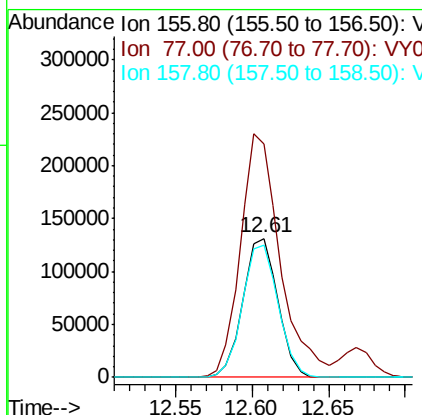
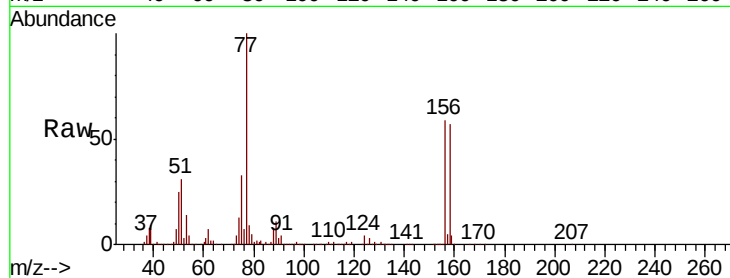
#77
Bromobenzene
Concen: 54.422 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.9	102.6	307.7
158	97.7	47.6	142.8

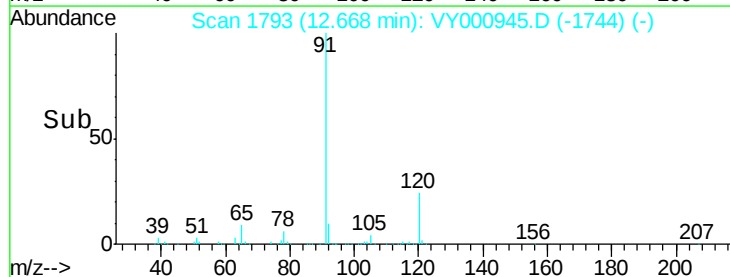
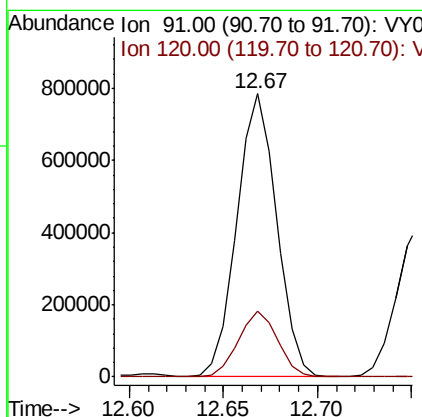
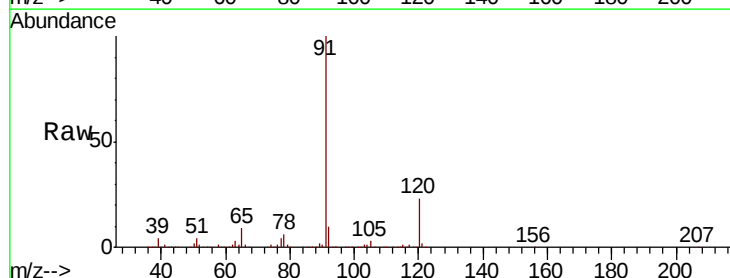
Manual Integrations
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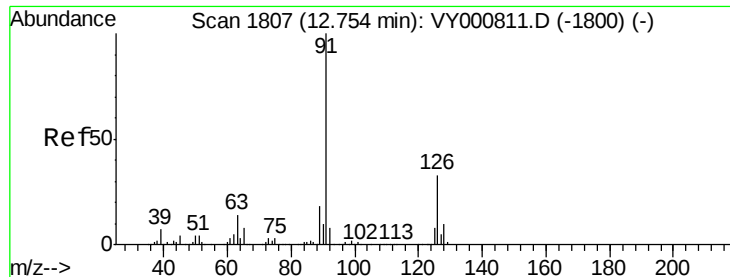
apatel
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#78
n-propylbenzene
Concen: 53.400 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.5





#79

2-Chlorotoluene

Concen: 53.139 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 631781

Ion Ratio Lower Upper

91 100

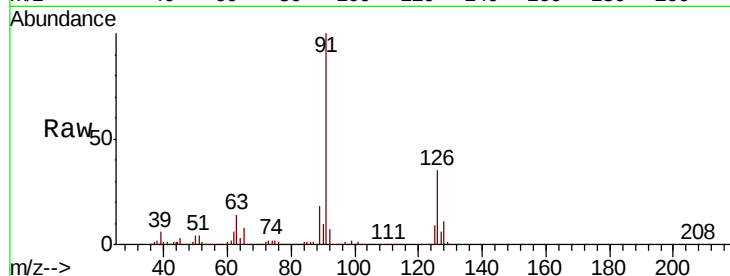
126 34.4 17.0 51.0

Manual Integrations

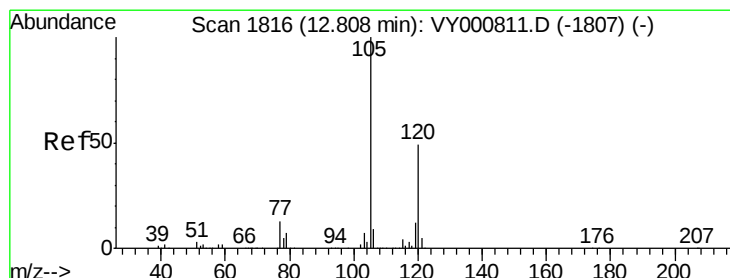
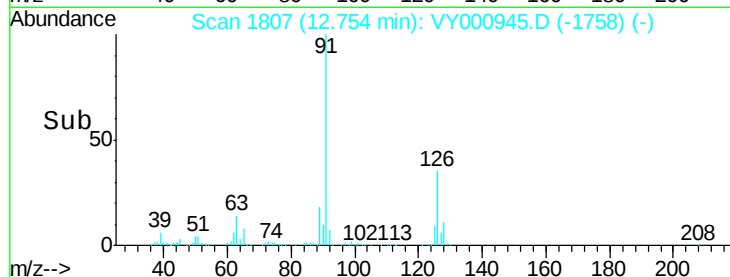
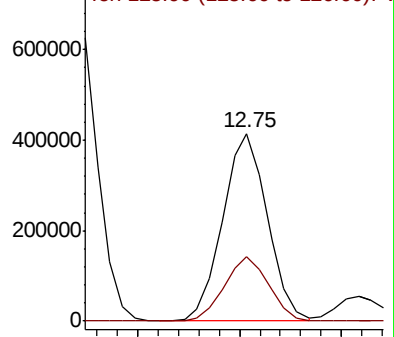
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Abundance Ion 91.00 (90.70 to 91.70): VY000945.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.034 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000945.D

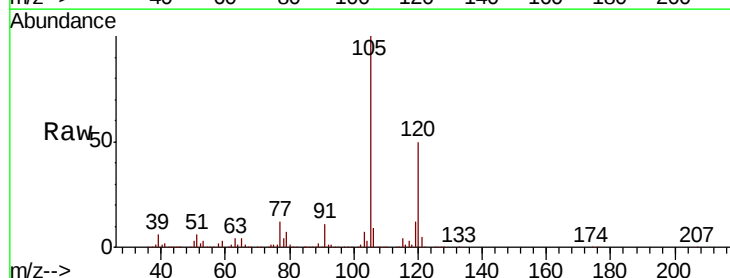
Acq: 16 Dec 2019 10:38

Tgt Ion: 105 Resp: 788531

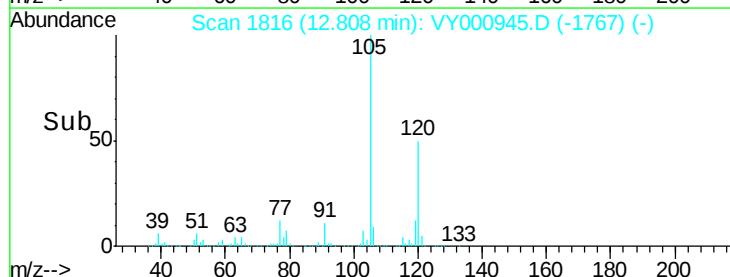
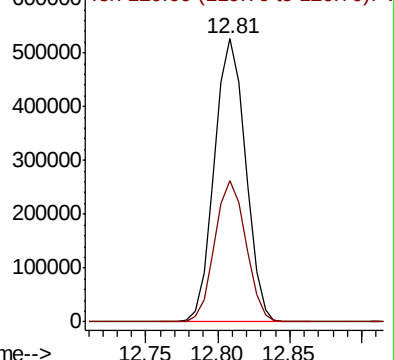
Ion Ratio Lower Upper

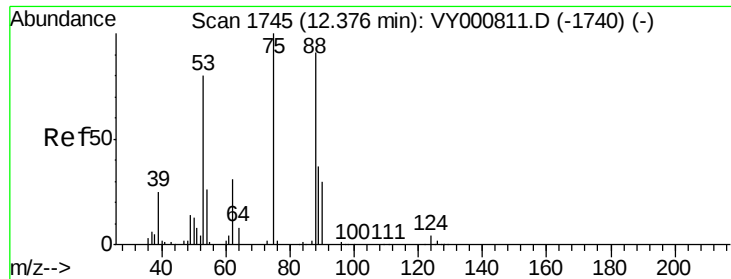
105 100

120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000945.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.033 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

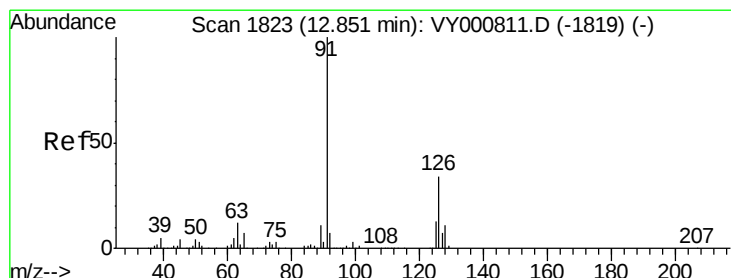
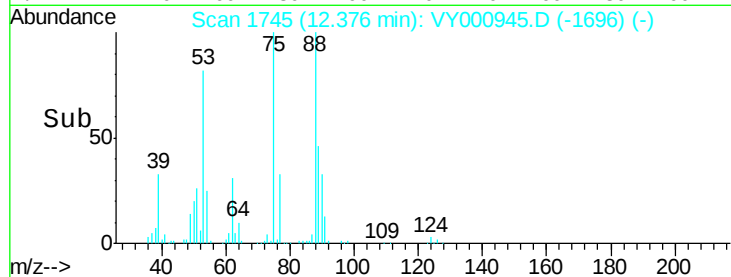
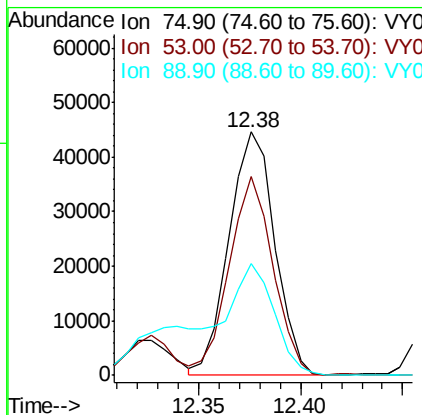
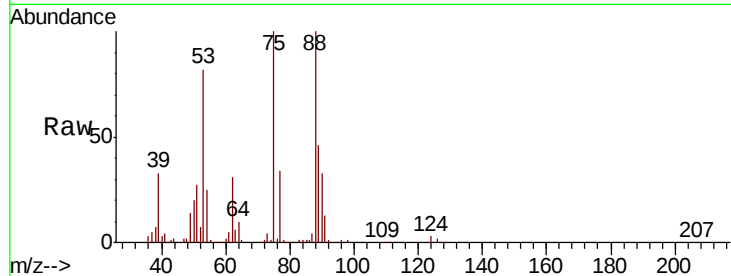
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	68989
Ion	Ratio	Lower	Upper
75	100		
53	78.4	64.6	96.8
89	47.7	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.826 ug/l

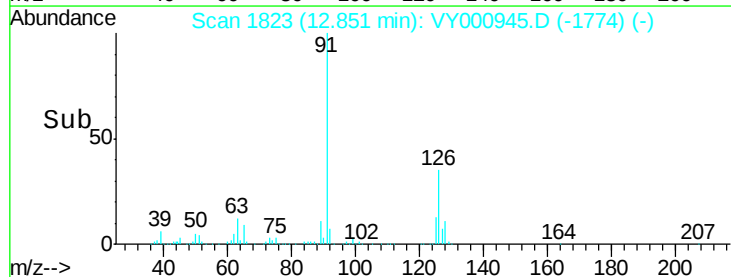
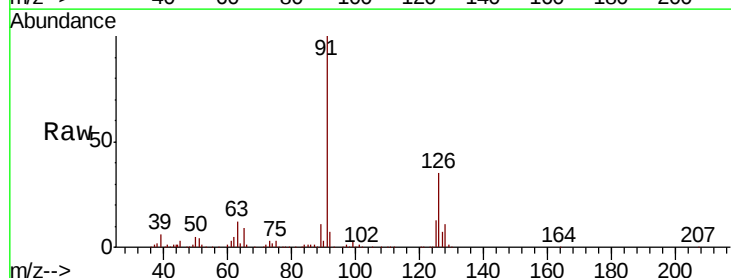
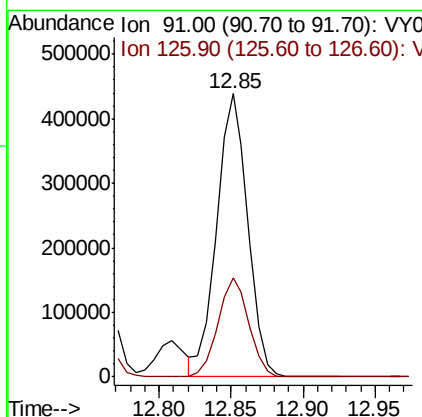
RT: 12.85 min Scan# 1823

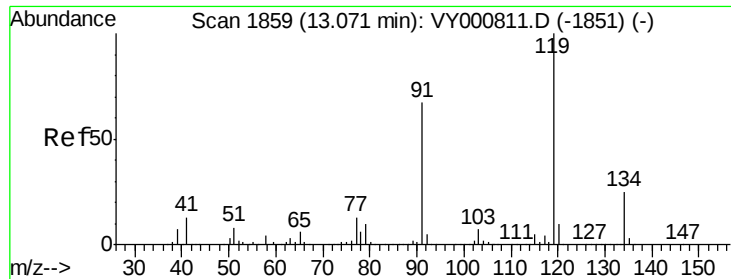
Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	91	Resp:	659321
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.3	51.9





#83

tert-Butylbenzene

Concen: 54.761 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

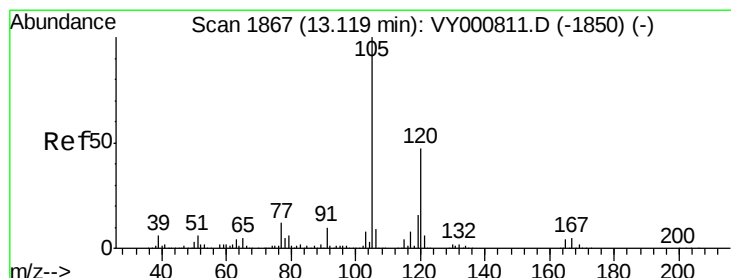
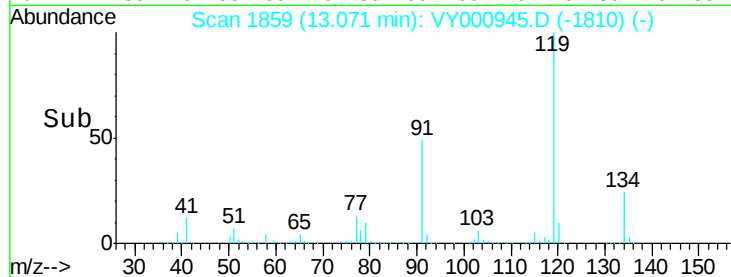
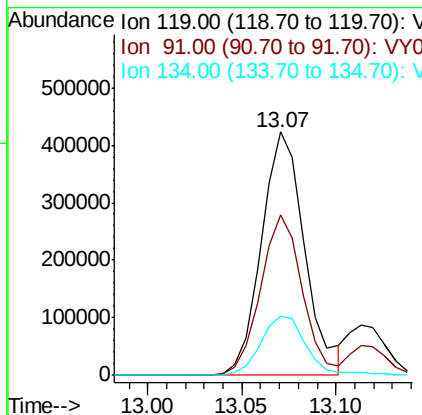
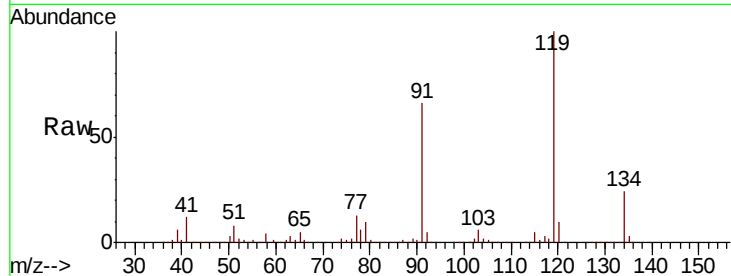
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	671883
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.3	96.8
134	25.8	12.9	38.7

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#84

1,2,4-Trimethylbenzene

Concen: 53.904 ug/l

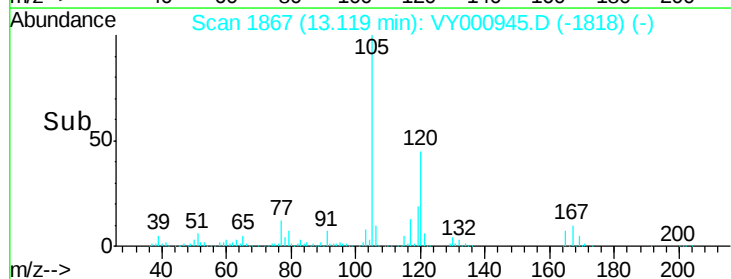
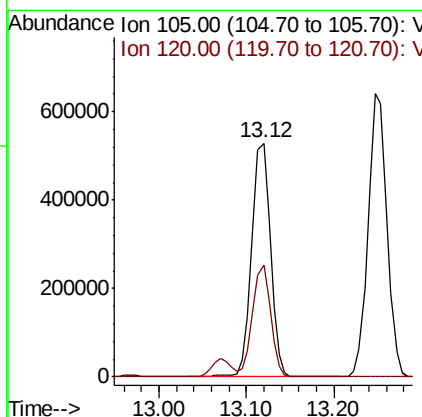
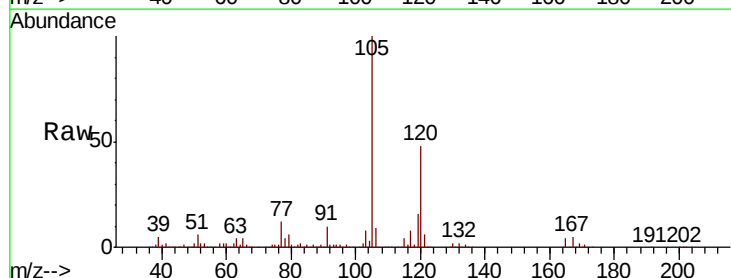
RT: 13.12 min Scan# 1867

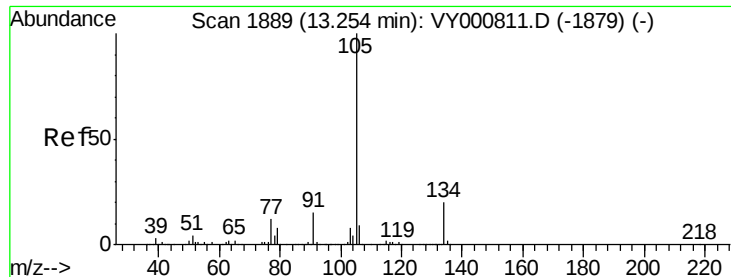
Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:	105	Resp:	787014
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 54.242 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 967888

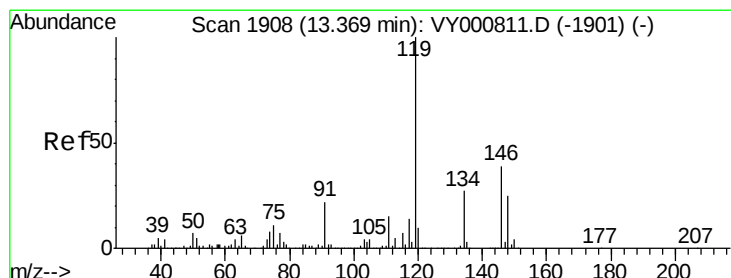
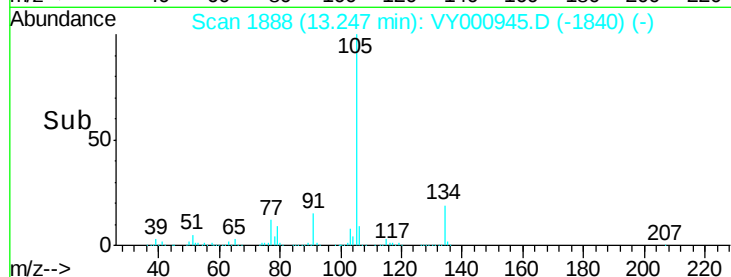
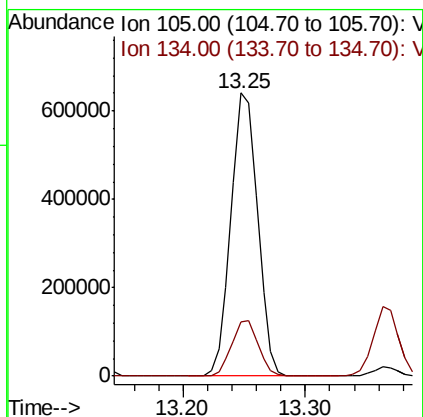
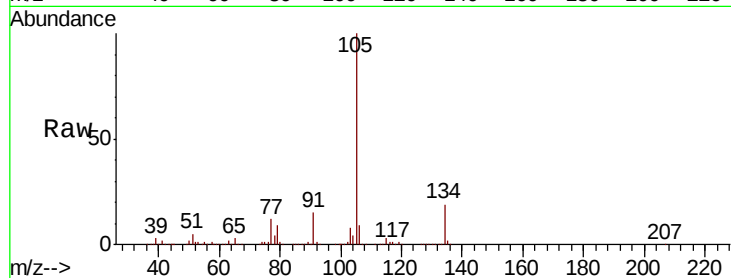
Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 54.261 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

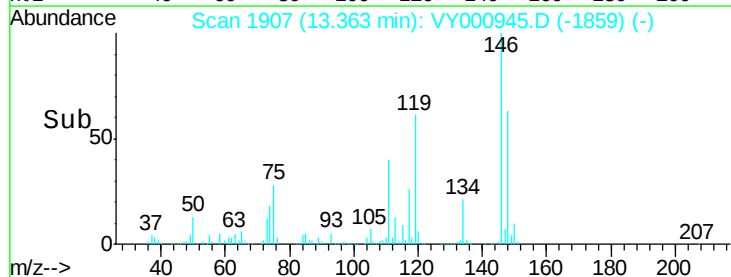
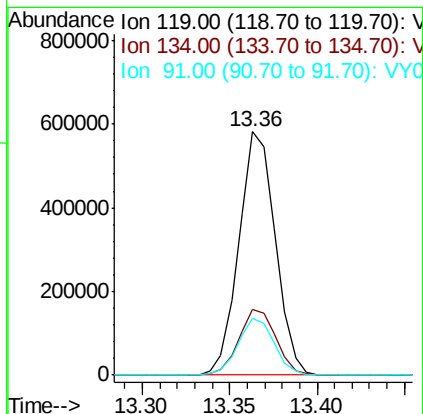
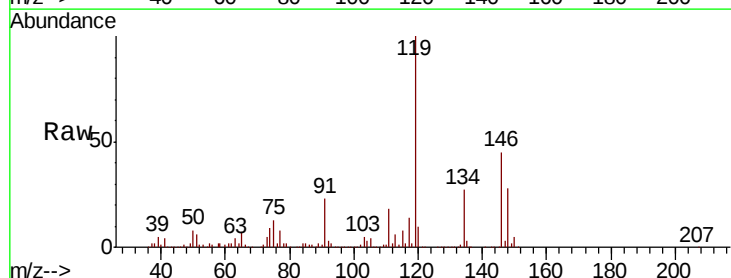
Tgt Ion:119 Resp: 842139

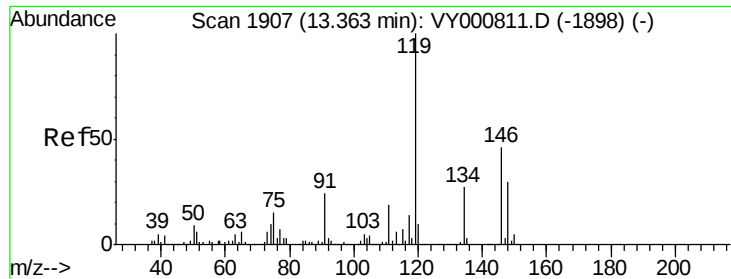
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 23.1 11.5 34.5





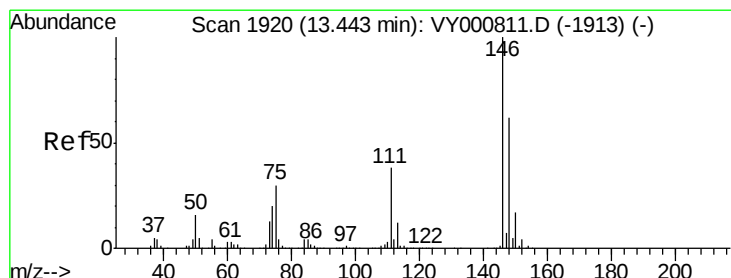
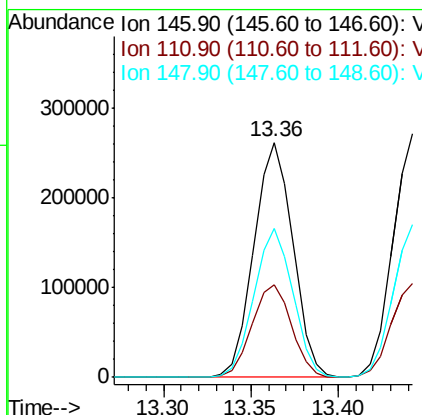
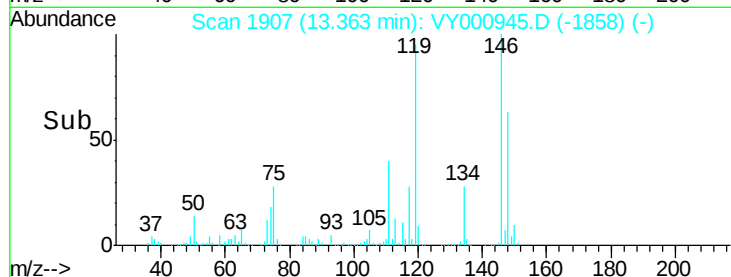
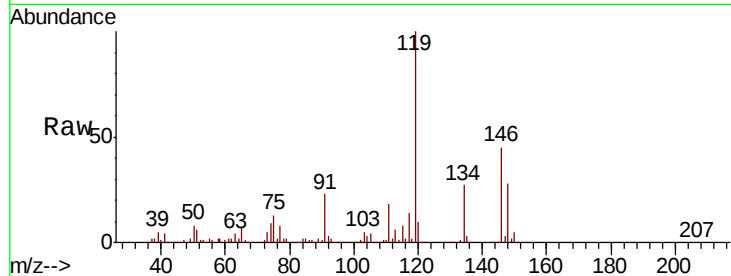
#87
 1,3-Dichlorobenzene
 Concen: 54.053 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.1	20.0	60.0	
148	63.2	32.1	96.5	

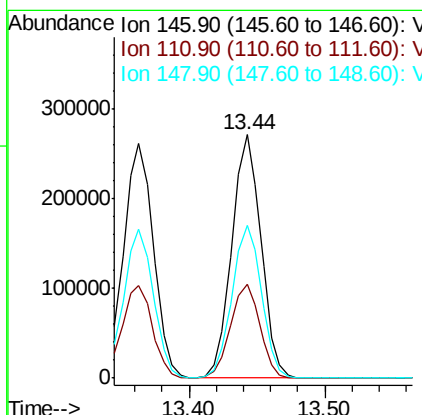
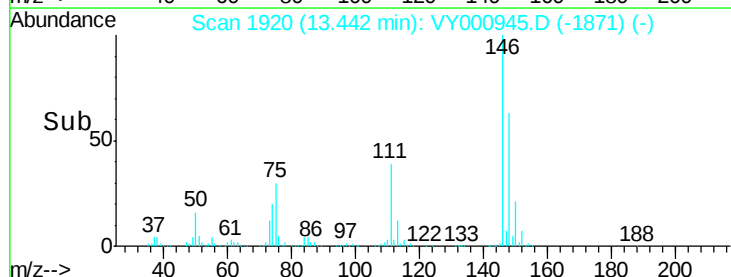
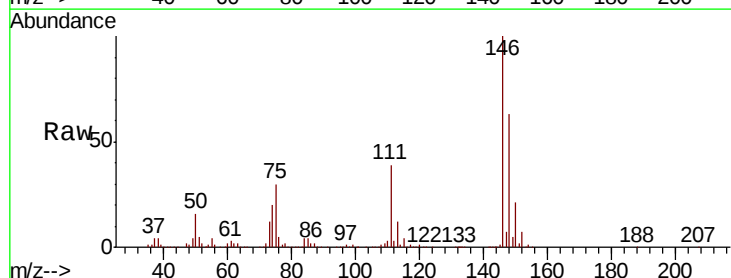
Manual Integrations
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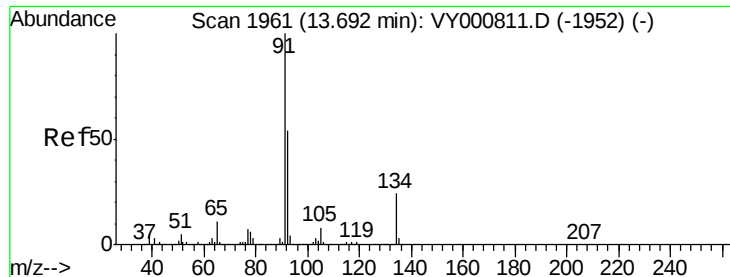
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 54.494 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.7	20.0	59.9	
148	63.1	31.7	95.1	





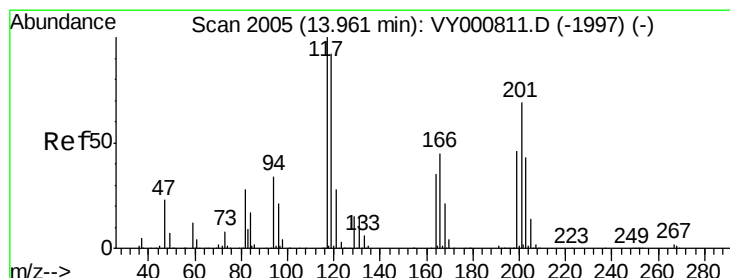
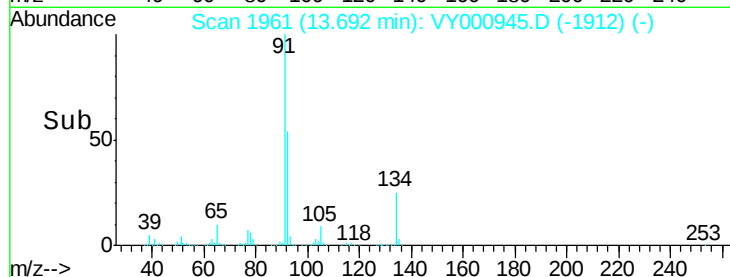
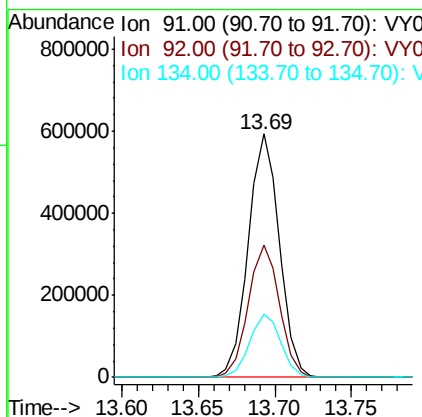
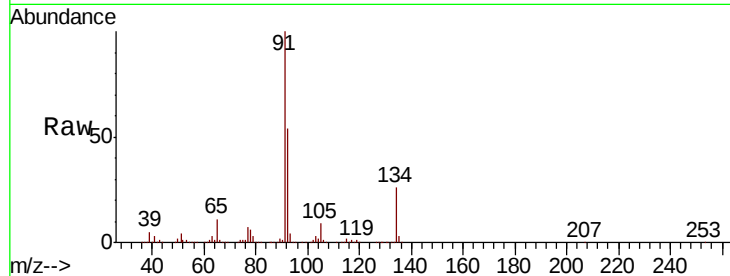
#89
n-Butylbenzene
Concen: 53.400 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.7
134	26.1	12.6	37.6

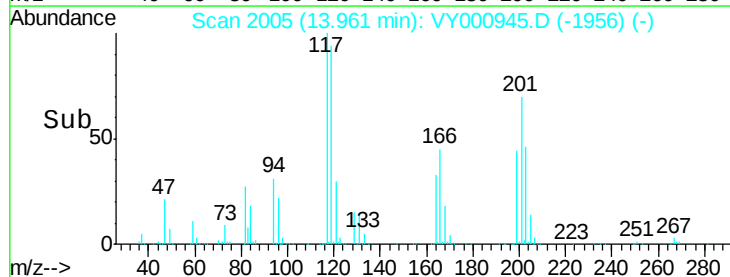
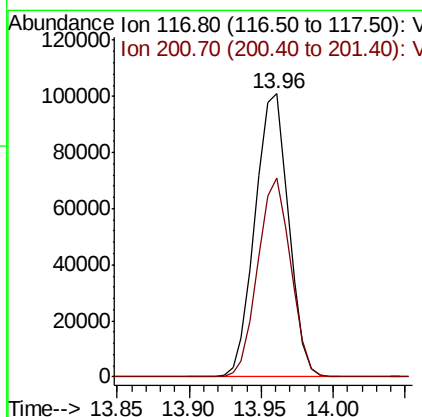
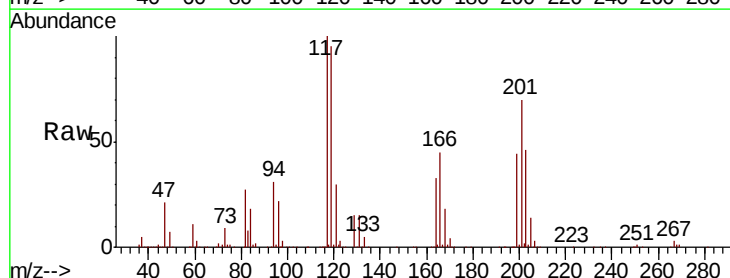
Manual Integrations
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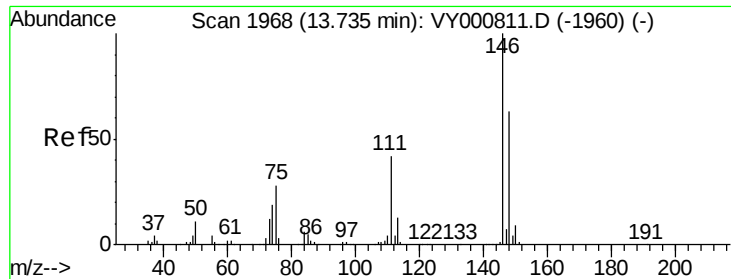
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#90
Hexachloroethane
Concen: 56.795 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	34.0	102.0





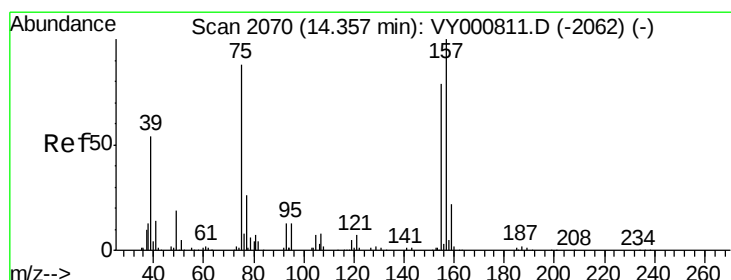
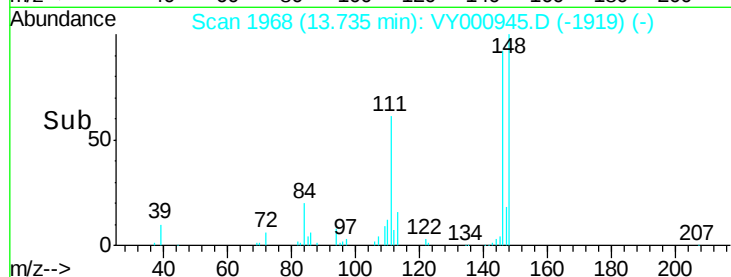
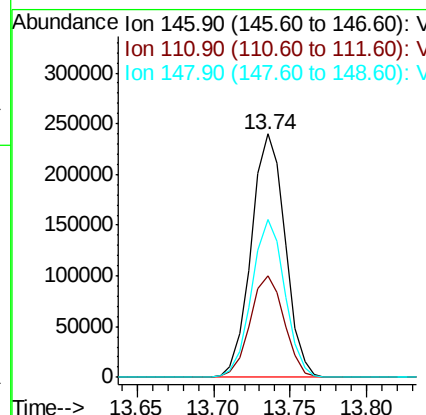
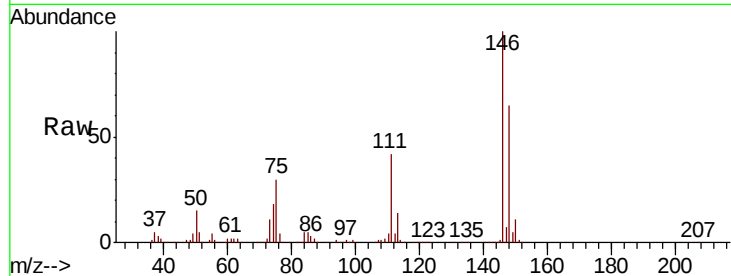
#91
 1,2-Dichlorobenzene
 Concen: 54.799 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	63.6	32.1	96.3

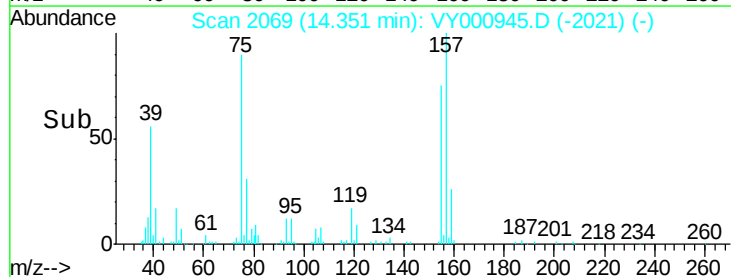
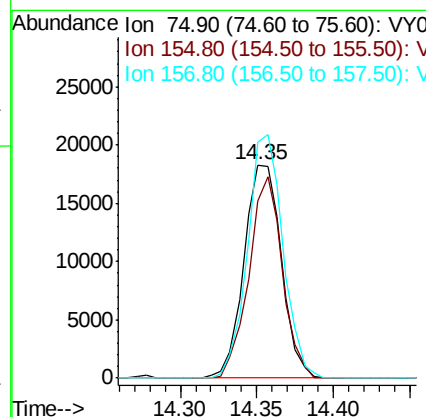
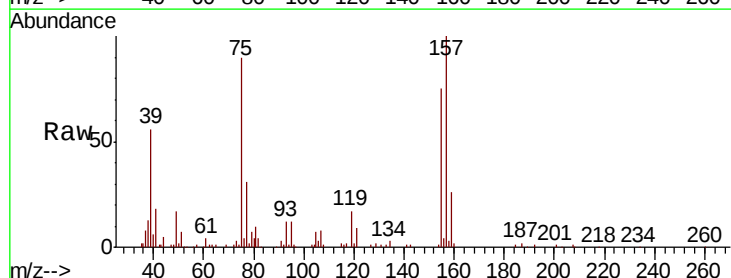
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.214 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	44.3	132.9
157	108.7	56.3	168.9





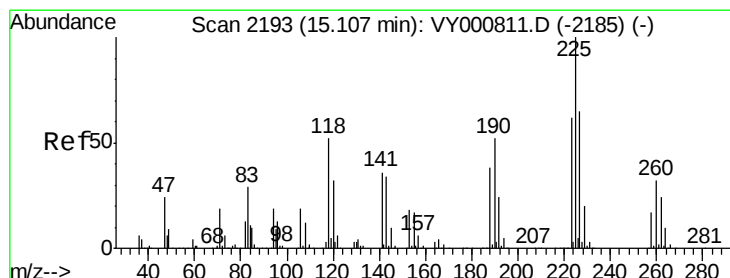
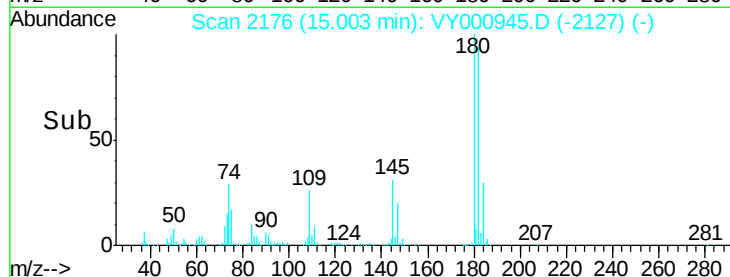
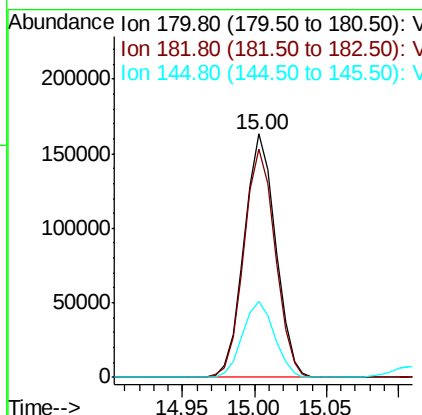
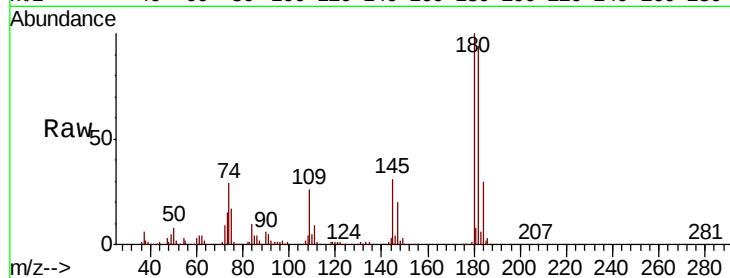
#93
 1,2,4-Trichlorobenzene
 Concen: 54.022 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246438		
182	93.7	47.3	141.9	
145	31.5	16.0	47.9	

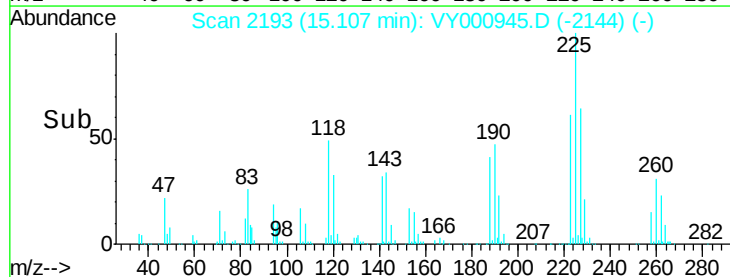
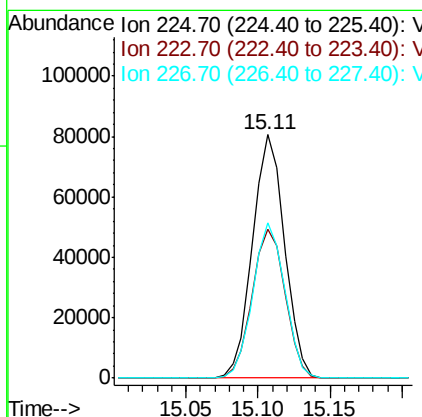
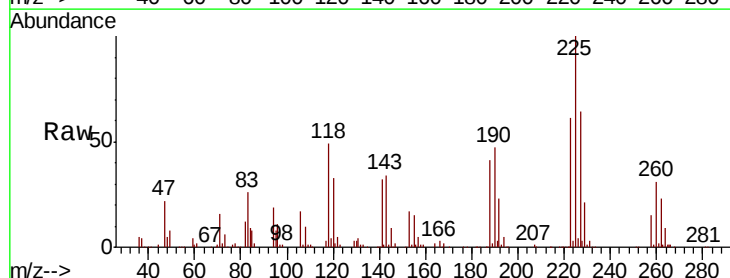
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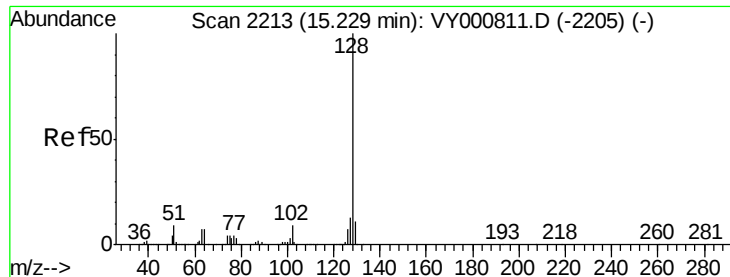
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#94
 Hexachlorobutadiene
 Concen: 54.716 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123753		
223	63.2	31.4	94.3	
227	63.6	31.8	95.3	





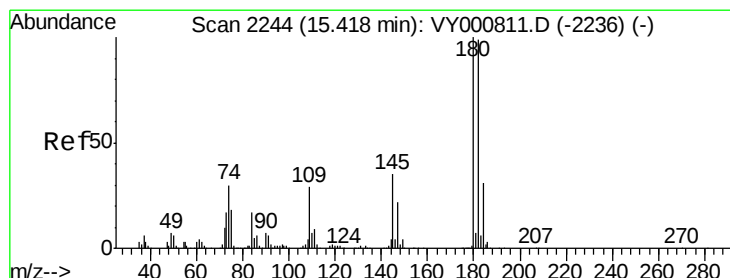
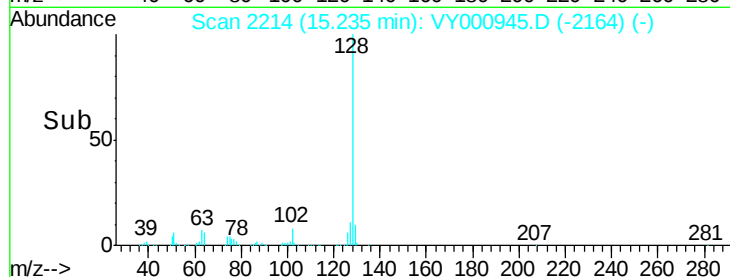
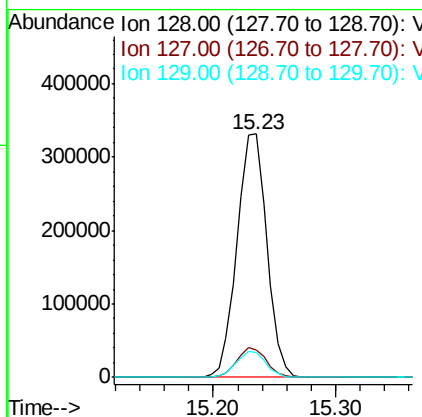
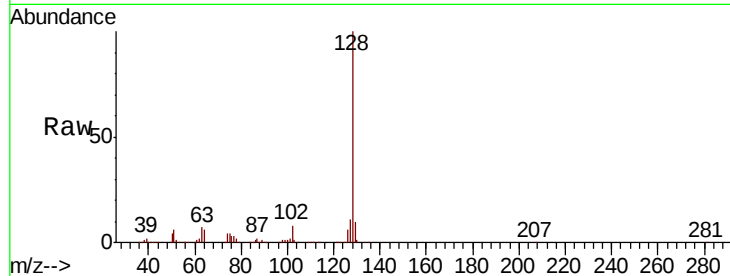
#95
Naphthalene
Concen: 52.844 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	10.5	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.345 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	32.7	16.9	50.6

