

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001132.D
 Acq On : 02 Jan 2020 12:08
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:18 AM

Quant Time: Jan 02 13:09:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 12:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	359065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	597047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	493408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	301289	99.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.54%	
35) Dibromofluoromethane	7.73	113	329782	93.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.66%	
50) Toluene-d8	10.18	98	1306869	105.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.74%	
62) 4-Bromofluorobenzene	12.48	95	437449	87.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	275832	105.332	ug/l	100
3) Chloromethane	2.12	50	198129	112.130	ug/l	98
4) Vinyl Chloride	2.26	62	193558	107.377	ug/l	98
5) Bromomethane	2.64	94	137785	99.129	ug/l	95
6) Chloroethane	2.79	64	152237	127.361	ug/l	99
7) Trichlorofluoromethane	3.13	101	587281	119.102	ug/l	100
8) Diethyl Ether	3.54	74	220104	138.713	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	364633	124.174	ug/l	98
10) Methyl Iodide	4.10	142	599848	132.872	ug/l	99
11) Tert butyl alcohol	4.97	59	154001	524.107	ug/l	100
12) 1,1-Dichloroethene	3.88	96	378103	125.131	ug/l	95
13) Acrolein	3.74	56	165580	813.179	ug/l	98
14) Allyl chloride	4.49	41	417582	124.086	ug/l	100
15) Acrylonitrile	5.18	53	474542	640.106	ug/l	99
16) Acetone	3.96	43	309262	587.238	ug/l	92
17) Carbon Disulfide	4.20	76	1176289	130.762	ug/l	100
18) Methyl Acetate	4.49	43	208600	125.655	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	910574	118.327	ug/l	99
20) Methylene Chloride	4.73	84	410605	105.070	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	410137	114.146	ug/l	95
22) Diisopropyl ether	6.13	45	841841	120.996	ug/l	98
23) Vinyl Acetate	6.08	43	2690953	622.344	ug/l	99
24) 1,1-Dichloroethane	6.04	63	578670	120.559	ug/l	97
25) 2-Butanone	7.00	43	476152	504.780	ug/l	98
26) 2,2-Dichloropropane	6.99	77	528590	93.933	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	438487	99.096	ug/l	99
28) Bromochloromethane	7.35	49	213411	115.865	ug/l	99
29) Tetrahydrofuran	7.36	42	324919	514.907	ug/l	98
30) Chloroform	7.52	83	609694	96.564	ug/l	93
31) Cyclohexane	7.80	56	546170	88.537	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	561034	94.514	ug/l	99
36) 1,1-Dichloropropene	7.93	75	498312	92.810	ug/l	99
37) Ethyl Acetate	7.09	43	219690	100.488	ug/l	100
38) Carbon Tetrachloride	7.91	117	512510	91.754	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	699727	94.654	ug/l	96
40) Benzene	8.17	78	1544390	93.485	ug/l	100
41) Methacrylonitrile	7.33	41	108626m	45.435	ug/l	
42) 1,2-Dichloroethane	8.25	62	369065	94.006	ug/l	99
43) Isopropyl Acetate	8.28	43	427806	99.439	ug/l	99
44) Trichloroethene	8.95	130	456276	91.680	ug/l	99
45) 1,2-Dichloropropane	9.22	63	347784	95.280	ug/l	100
46) Dibromomethane	9.31	93	209786	98.534	ug/l	97
47) Bromodichloromethane	9.50	83	477445	100.935	ug/l	98
48) Methyl methacrylate	9.30	41	183081	100.016	ug/l	99
49) 1,4-Dioxane	9.31	88	62455	1933.686	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	1072296	541.409	ug/l	99
52) Toluene	10.25	92	950146	95.335	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	488653	98.823	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	606933	105.665	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	270472	86.258	ug/l	98
56) Ethyl methacrylate	10.51	69	358340	90.830	ug/l	99
57) 1,3-Dichloropropane	10.79	76	413963	84.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	687391	480.431	ug/l	97
59) 2-Hexanone	10.83	43	600781	434.052	ug/l	98
60) Dibromochloromethane	10.99	129	299745	83.879	ug/l	99
61) 1,2-Dibromoethane	11.09	107	269821	89.412	ug/l	99
64) Tetrachloroethene	10.72	164	403822	82.161	ug/l	97
65) Chlorobenzene	11.52	112	991733	91.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	360851	94.799	ug/l	99
67) Ethyl Benzene	11.59	91	1779509	94.508	ug/l	100
68) m/p-Xylenes	11.70	106	1427151	191.391	ug/l	99
69) o-Xylene	12.03	106	669423	94.011	ug/l	98
70) Styrene	12.04	104	1158779	96.733	ug/l	99
71) Bromoform	12.20	173	228735	104.425	ug/l	98
73) Isopropylbenzene	12.33	105	1756456	95.205	ug/l	100
74) N-amyl acetate	12.14	43	361621	107.210	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	330288	103.870	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	236480m	53.284	ug/l	
77) Bromobenzene	12.61	156	426175	95.496	ug/l	98
78) n-propylbenzene	12.67	91	2093238	96.056	ug/l	99
79) 2-Chlorotoluene	12.75	91	1139883	94.041	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1468705	92.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	135634	115.518	ug/l #	80
82) 4-Chlorotoluene	12.85	91	1167223	93.566	ug/l	100
83) tert-Butylbenzene	13.07	119	1257289	93.818	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1427981	89.507	ug/l	99
85) sec-Butylbenzene	13.25	105	1745664	92.732	ug/l	99
86) p-Isopropyltoluene	13.37	119	1552368	90.431	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	775480	90.676	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	796586	93.613	ug/l	98
89) n-Butylbenzene	13.69	91	1471998	92.149	ug/l	99
90) Hexachloroethane	13.96	117	292069	93.750	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	710710	91.317	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	52435	90.079	ug/l	92

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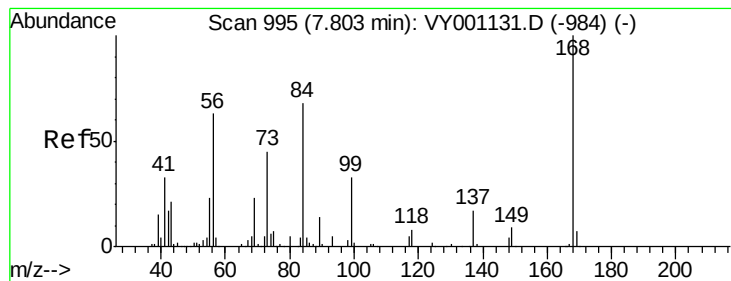
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	487354	90.795	ug/l	98
94) Hexachlorobutadiene	15.11	225	241693	87.588	ug/l	99
95) Naphthalene	15.23	128	1144665	94.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	446641	93.639	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 359065

Ion Ratio Lower Upper

168 100

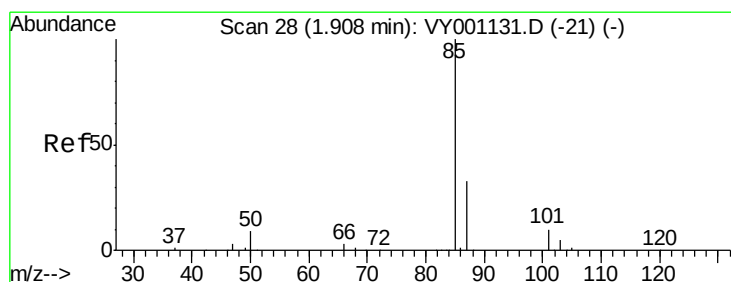
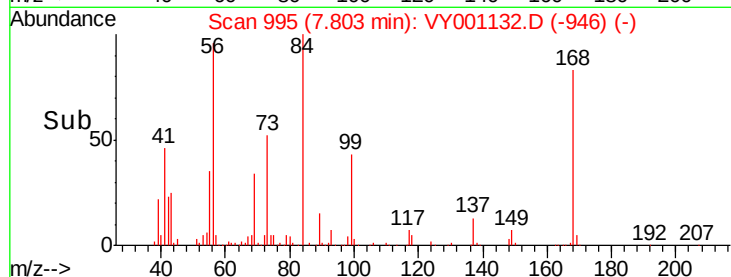
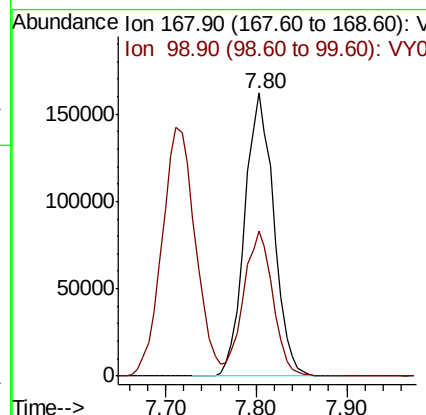
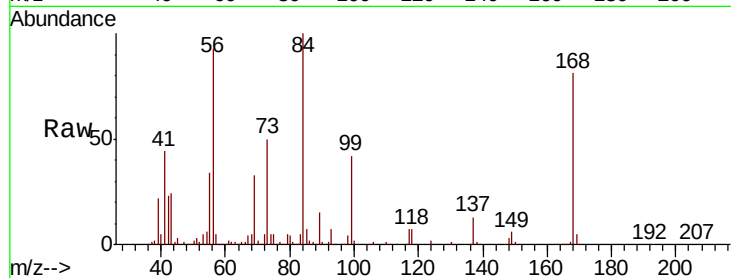
99 51.3 42.5 63.7

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#2

Dichlorodifluoromethane

Concen: 105.332 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001132.D

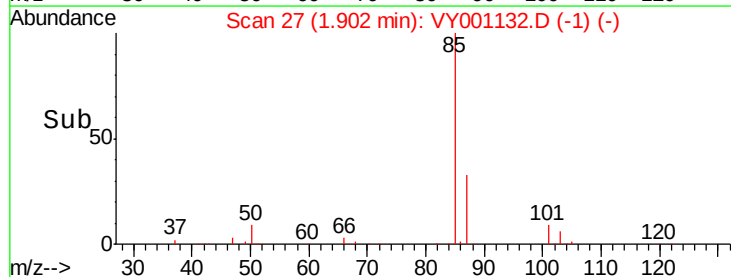
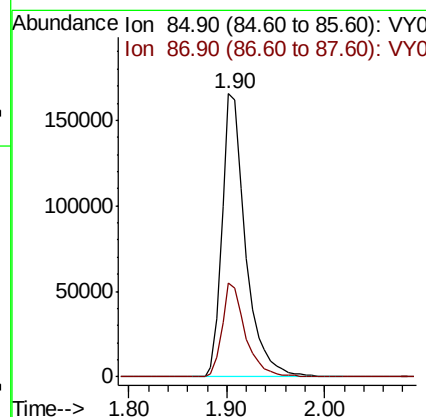
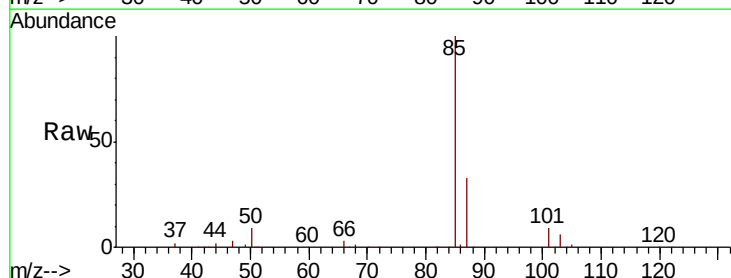
Acq: 02 Jan 2020 12:08

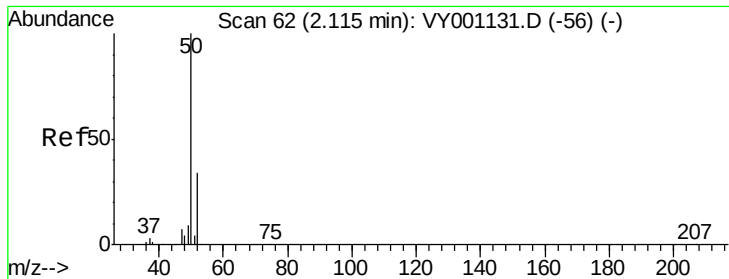
Tgt Ion: 85 Resp: 275832

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7





#3

Chloromethane

Concen: 112.130 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 198129

Ion Ratio Lower Upper

50 100

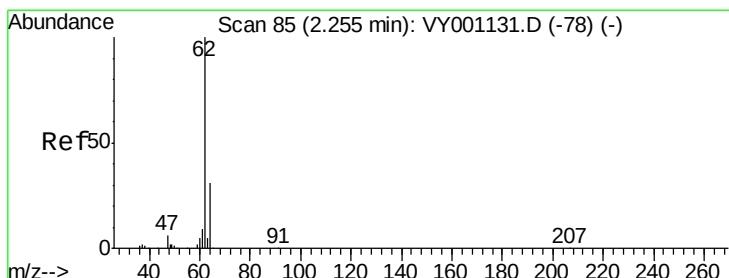
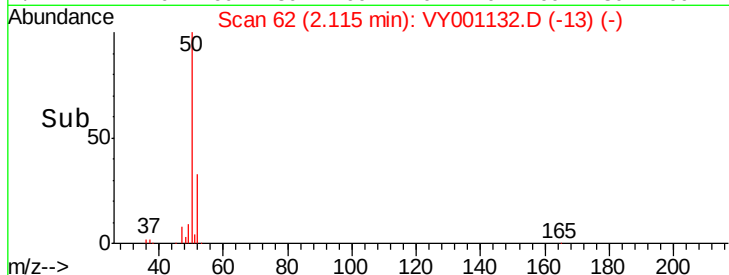
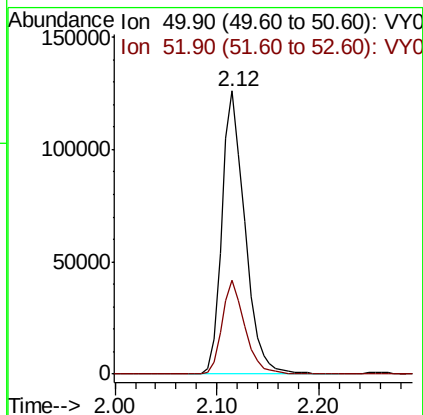
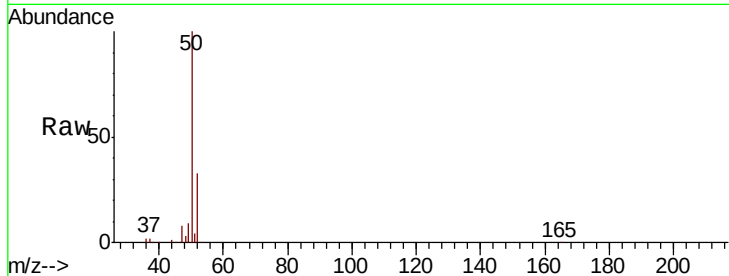
52 33.0 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 107.377 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001132.D

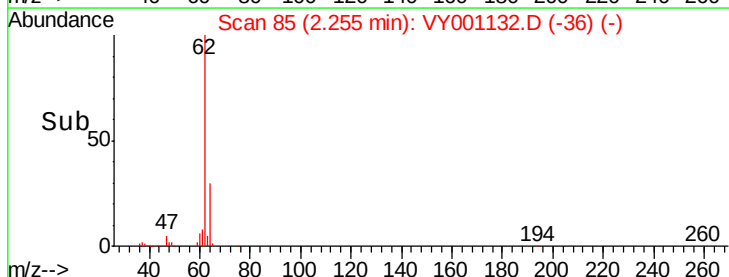
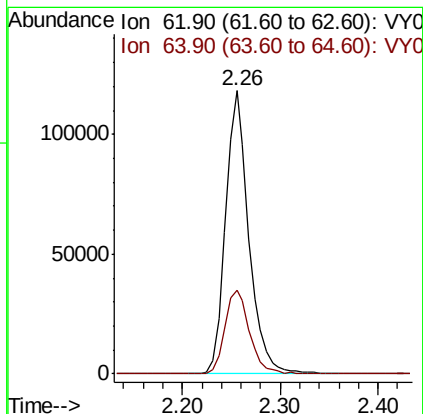
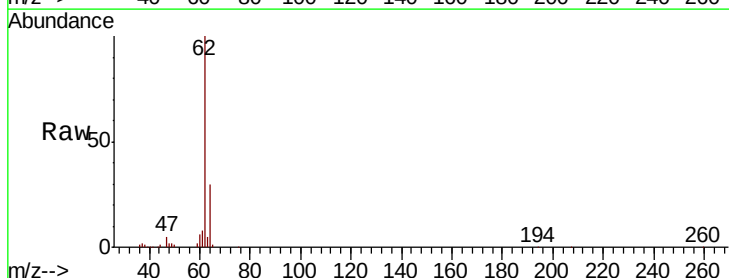
Acq: 02 Jan 2020 12:08

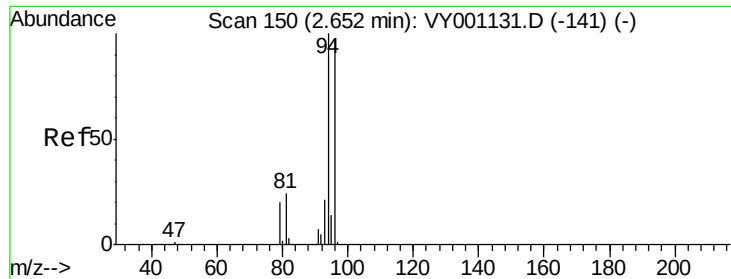
Tgt Ion: 62 Resp: 193558

Ion Ratio Lower Upper

62 100

64 29.6 24.4 36.6





#5

Bromomethane

Concen: 99.129 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 137785

Ion Ratio Lower Upper

94 100

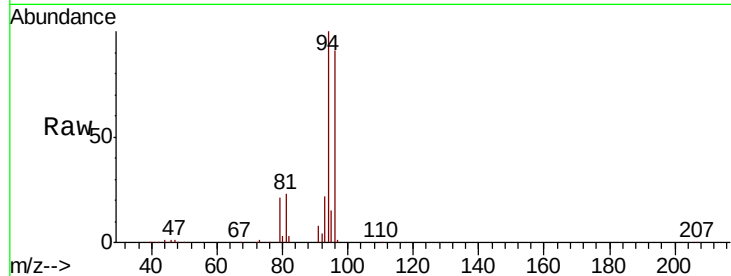
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Manual Integrations

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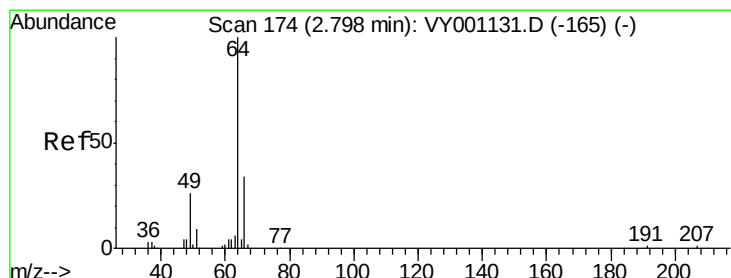
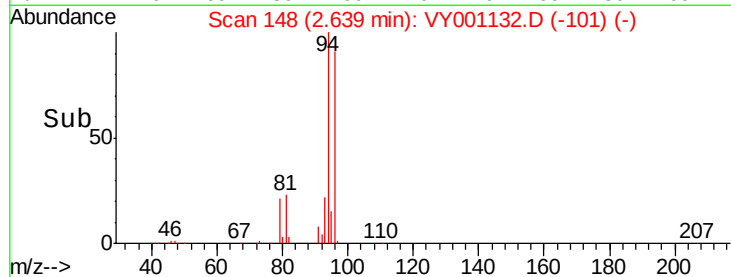
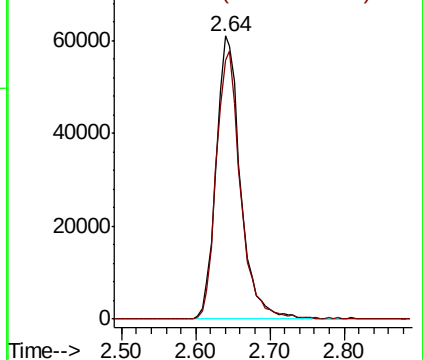
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 127.361 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001132.D

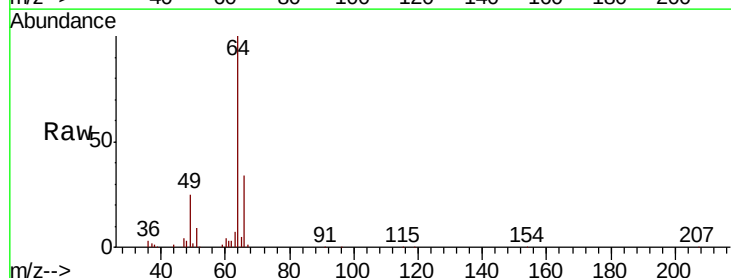
Acq: 02 Jan 2020 12:08

Tgt Ion: 64 Resp: 152237

Ion Ratio Lower Upper

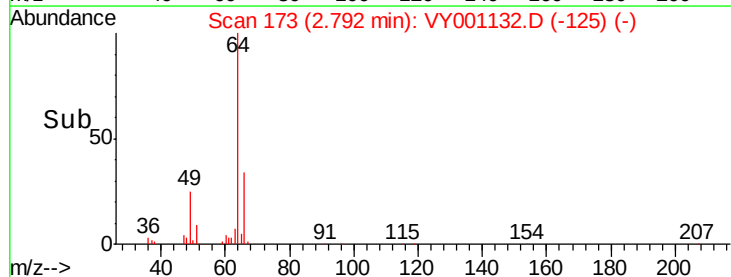
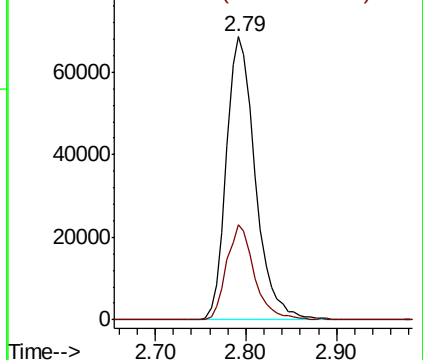
64 100

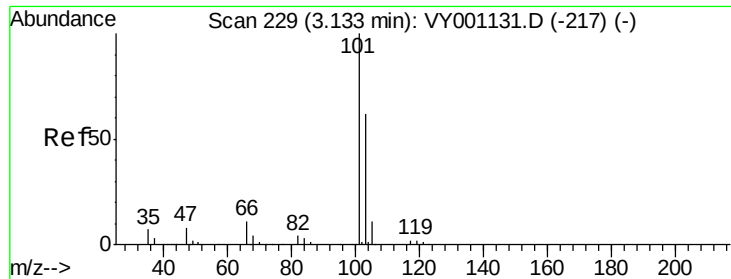
66 33.8 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

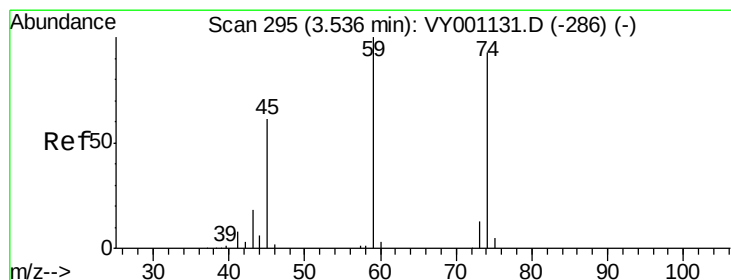
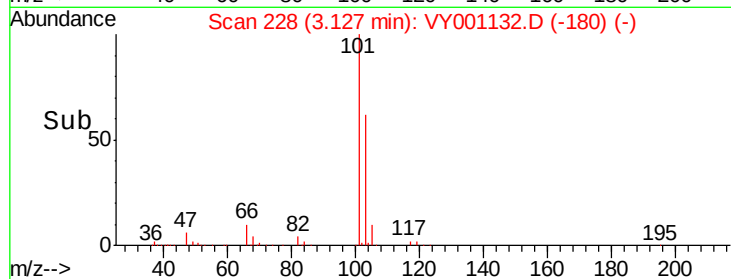
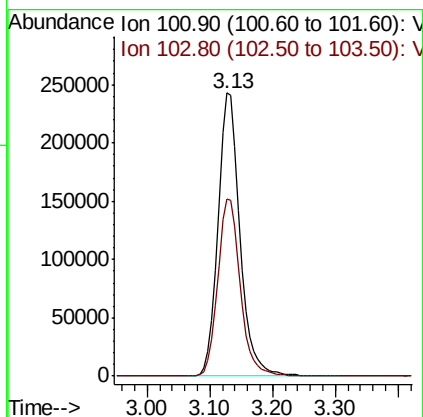
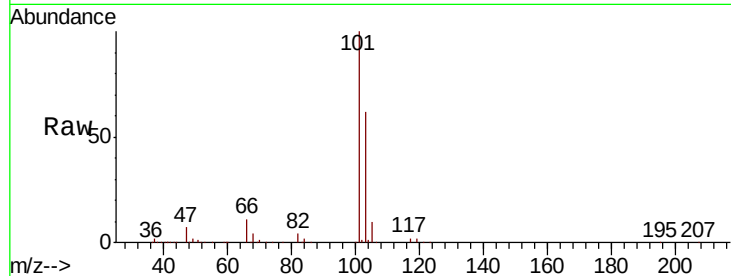
Trichlorofluoromethane
Concen: 119.102 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
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VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	49.7	74.5

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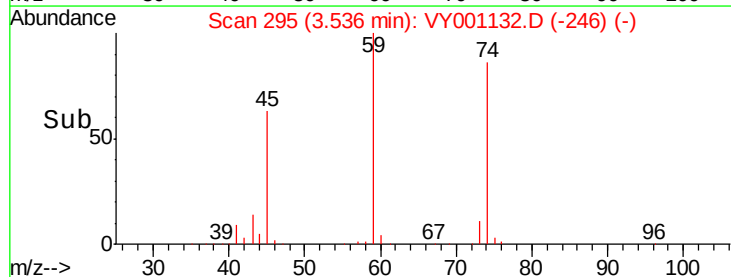
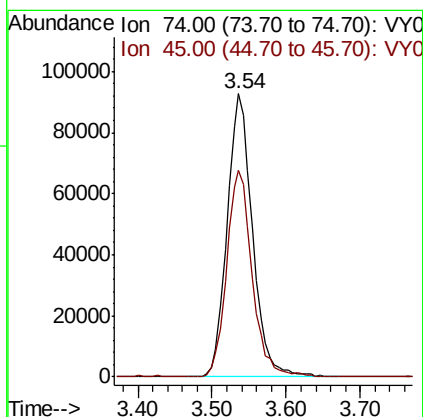
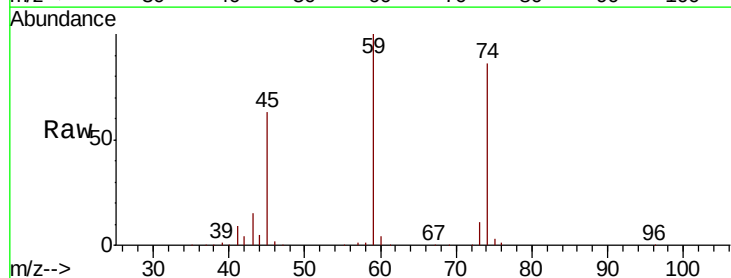
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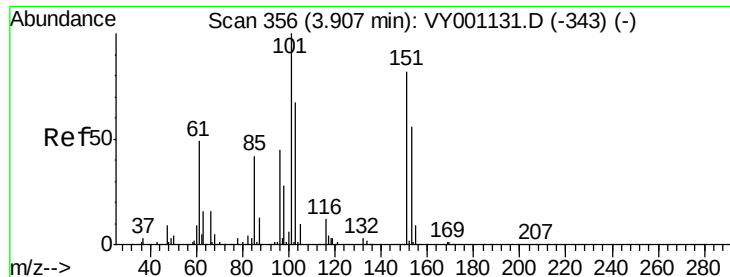


#8

Diethyl Ether
Concen: 138.713 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.4	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 124.174 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

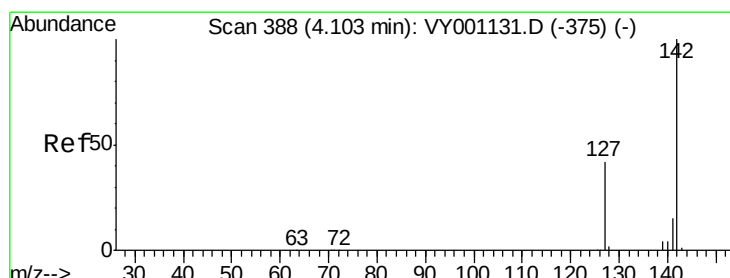
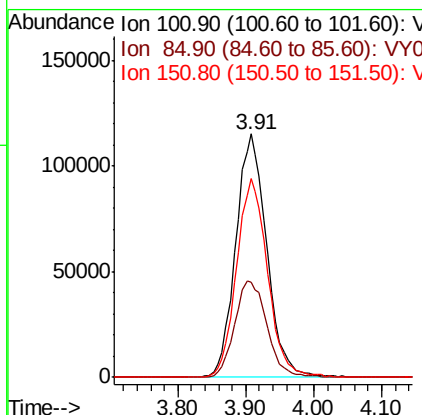
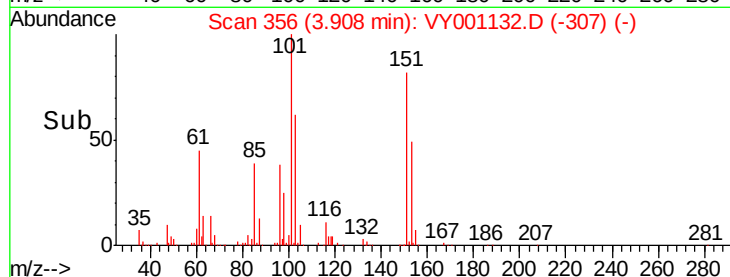
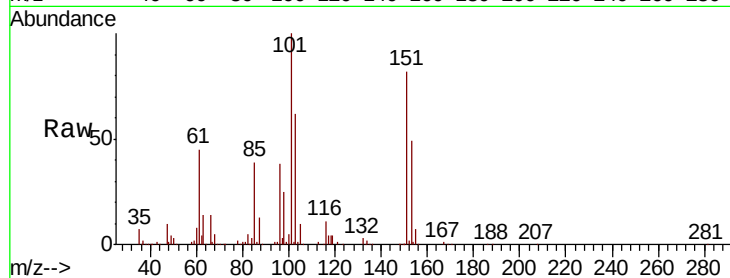
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	364633
Ion Ratio	Lower	Upper	
101	100		
85	41.3	32.8	49.2
151	82.0	67.4	101.0

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#10

Methyl Iodide

Concen: 132.872 ug/l

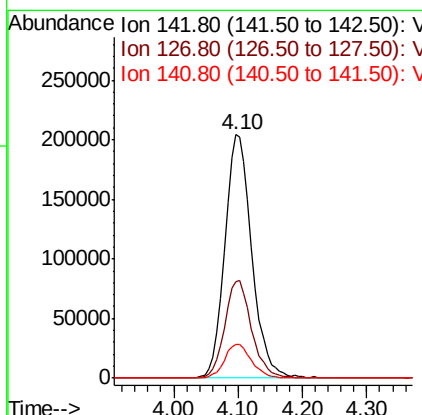
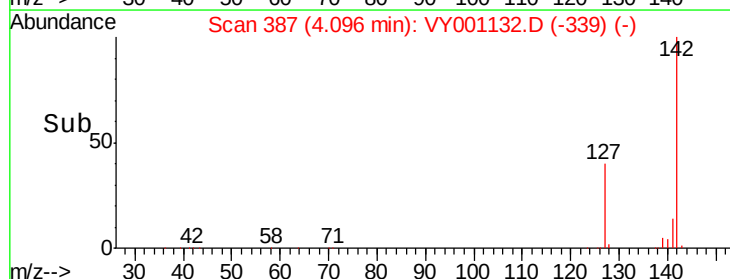
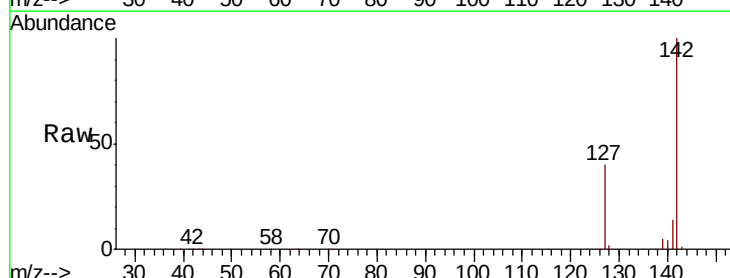
RT: 4.10 min Scan# 387

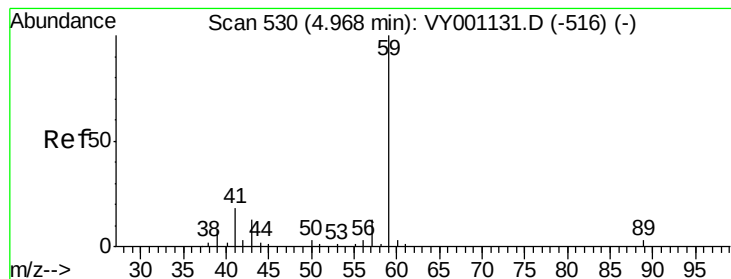
Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion:	142	Resp:	599848
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.2	48.4
141	13.9	11.1	16.7





#11

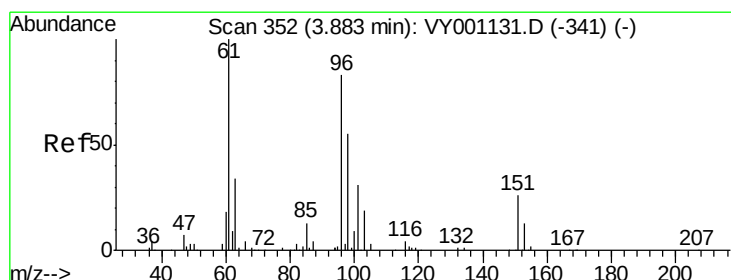
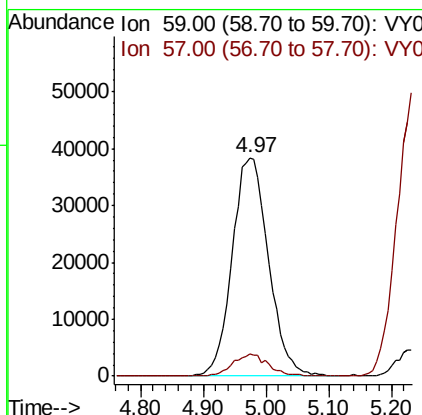
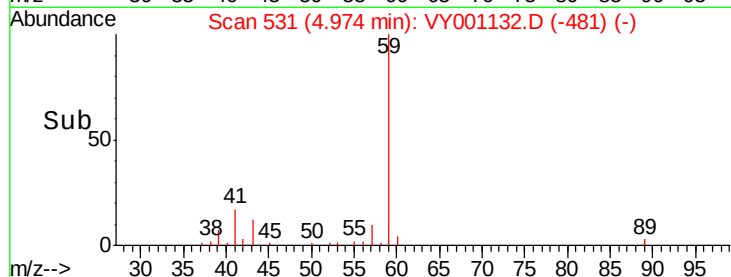
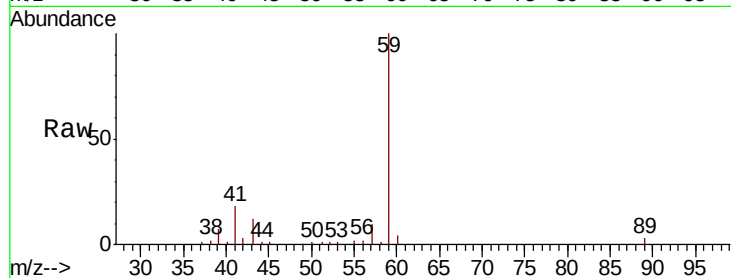
Tert butyl alcohol
 Concen: 524.107 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
 APPROVED

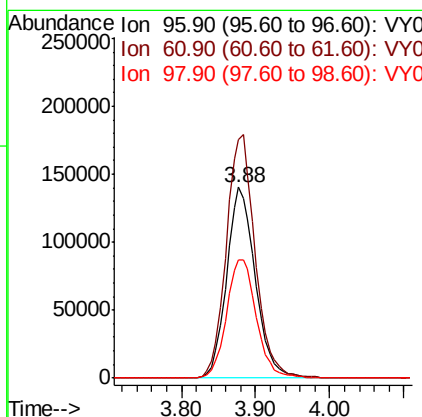
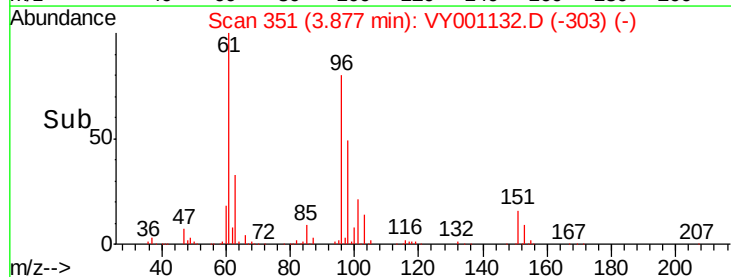
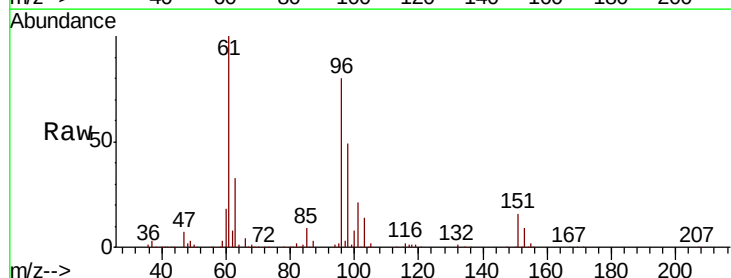
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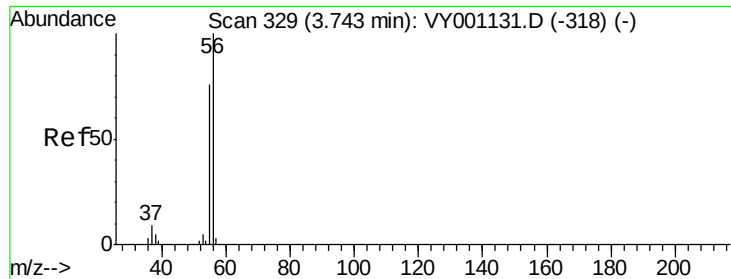


#12

1,1-Dichloroethene
 Concen: 125.131 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.3	96.2	144.4
98	61.9	52.8	79.2





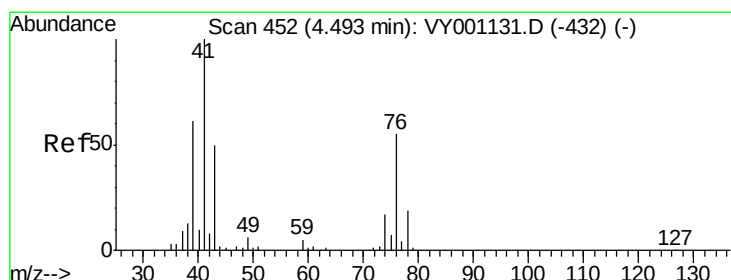
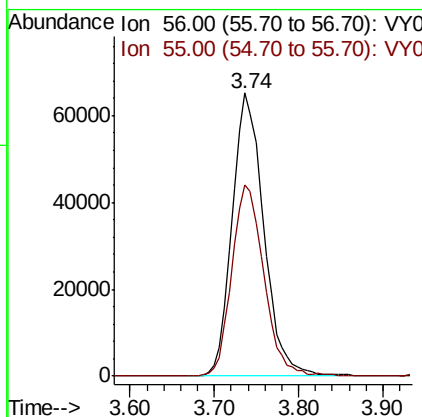
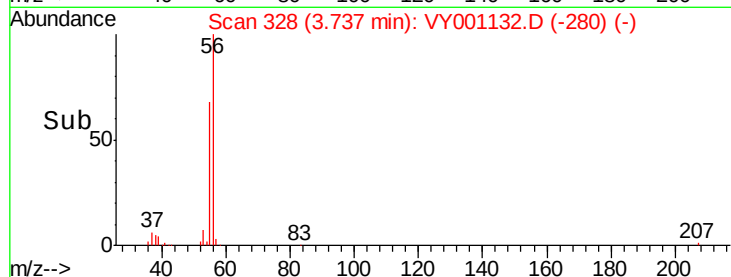
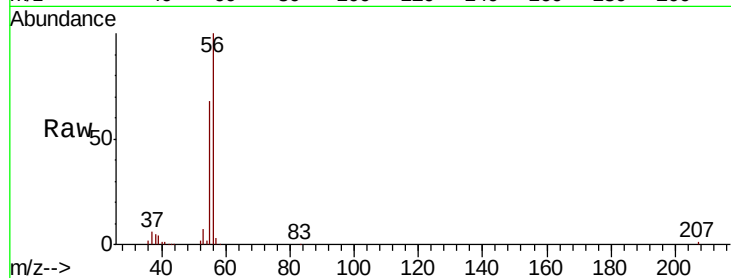
#13
Acrolein
Concen: 813.179 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	56	55	Ratio	Lower	Upper
165580	100	68.1		55.7	83.5

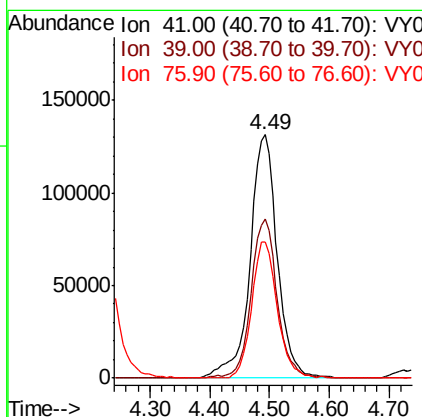
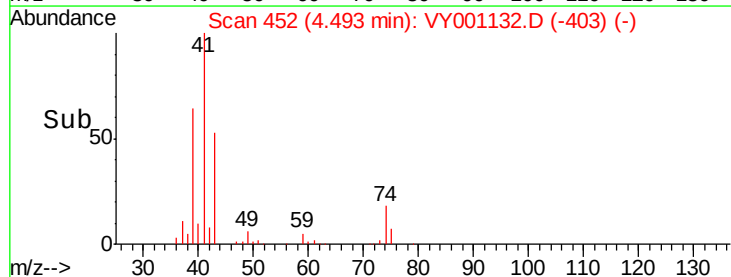
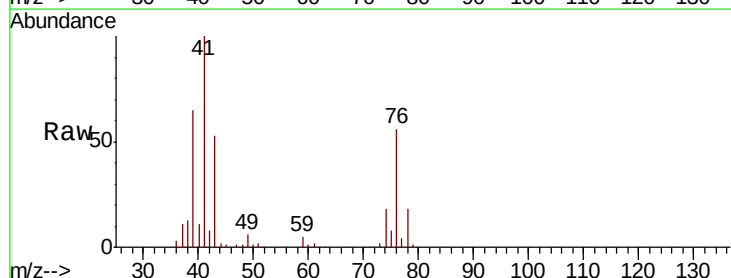
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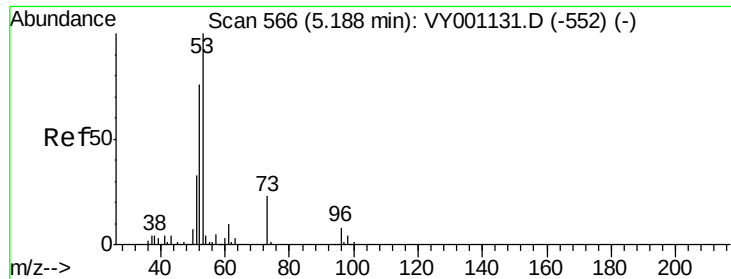
apatel
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#14
Allyl chloride
Concen: 124.086 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	41	39	76	Ratio	Lower	Upper
417582	100	62.9	52.7		50.1	75.1





#15

Acrylonitrile

Concen: 640.106 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

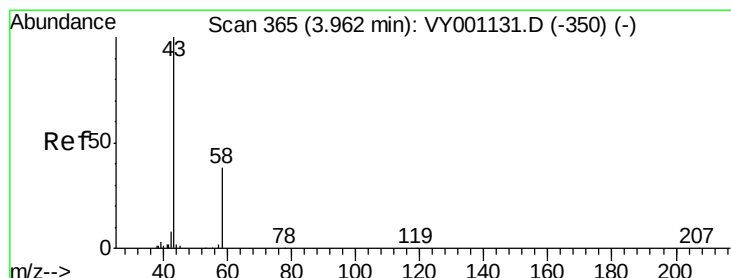
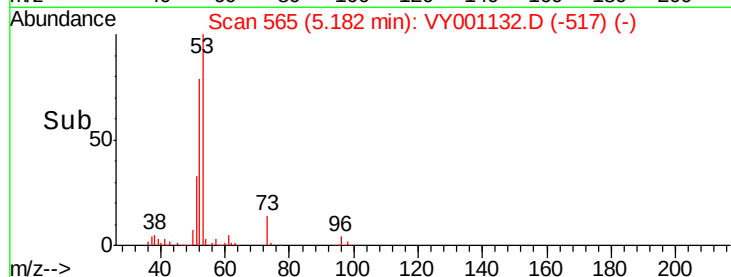
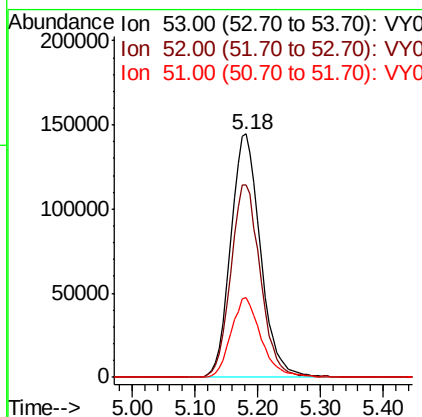
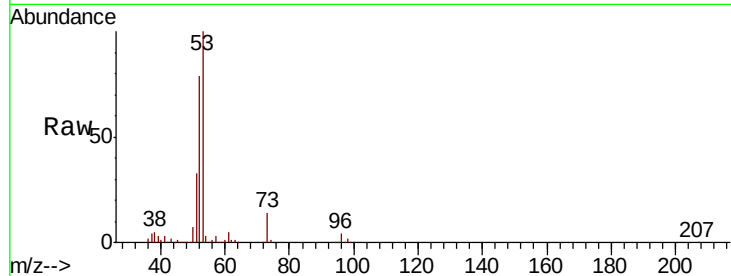
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	474542
Ion	Ratio	Lower	Upper
53	100		
52	79.1	63.0	94.4
51	33.2	26.1	39.1

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#16

Acetone

Concen: 587.238 ug/l

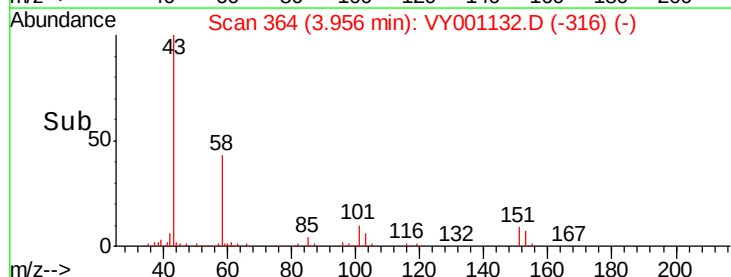
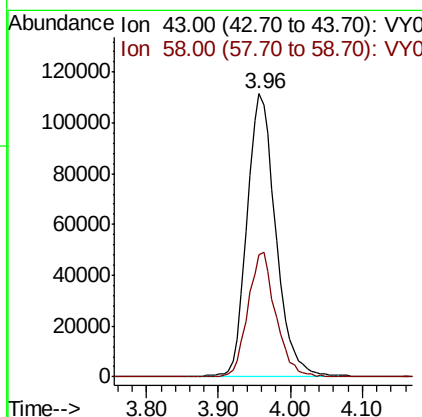
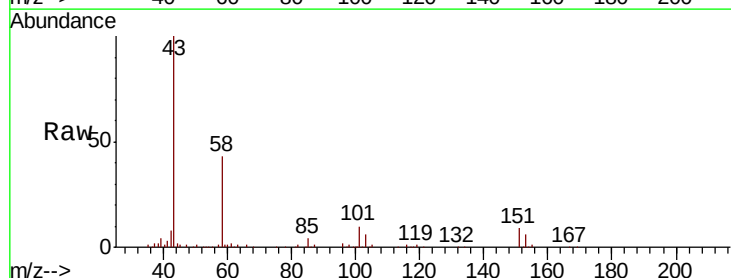
RT: 3.96 min Scan# 364

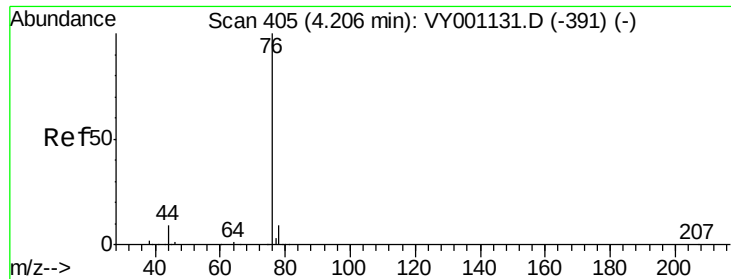
Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion:	43	Resp:	309262
Ion	Ratio	Lower	Upper
43	100		
58	43.2	30.6	46.0





#17

Carbon Disulfide

Concen: 130.762 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1176289

Ion Ratio Lower Upper

76 100

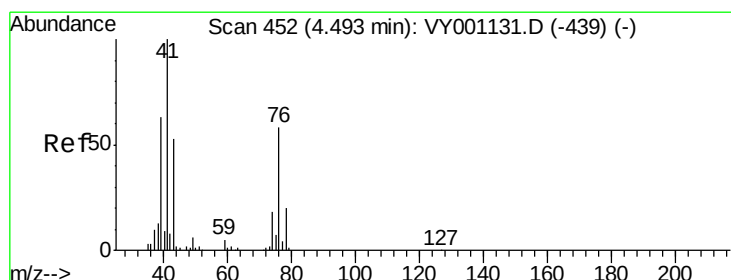
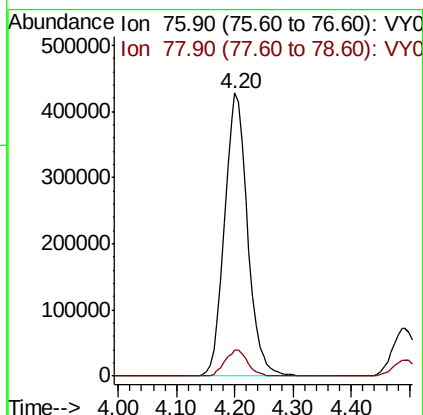
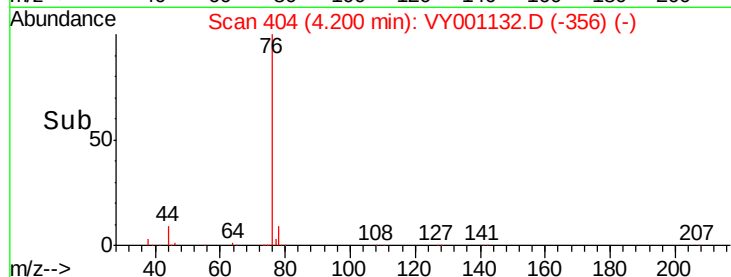
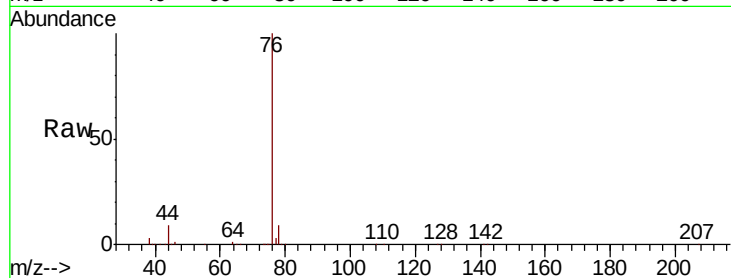
78 9.1 7.4 11.0

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#18

Methyl Acetate

Concen: 125.655 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001132.D

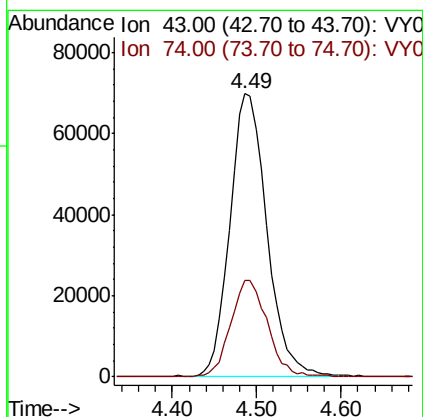
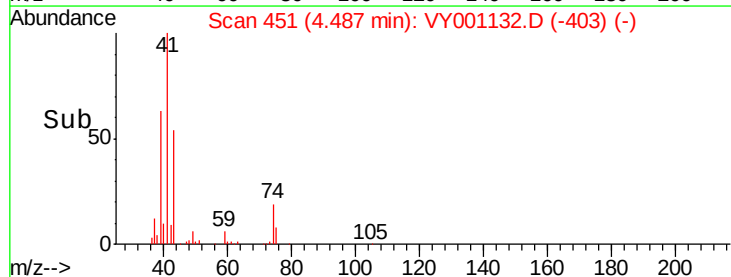
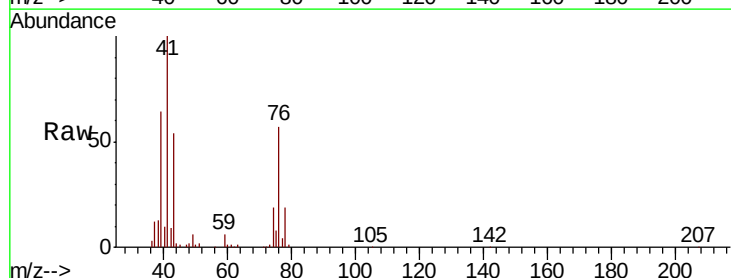
Acq: 02 Jan 2020 12:08

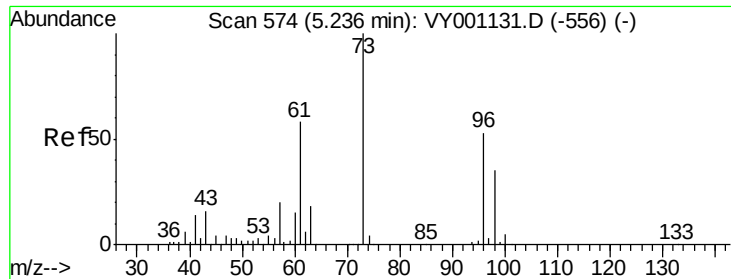
Tgt Ion: 43 Resp: 208600

Ion Ratio Lower Upper

43 100

74 33.9 27.3 40.9





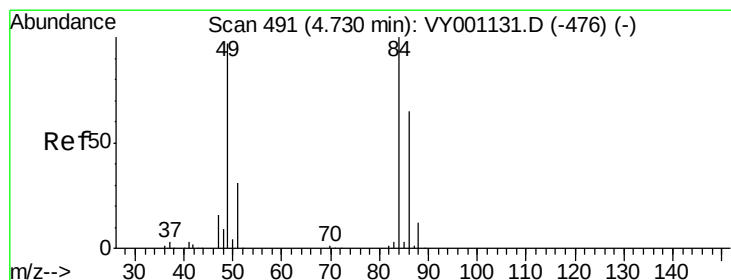
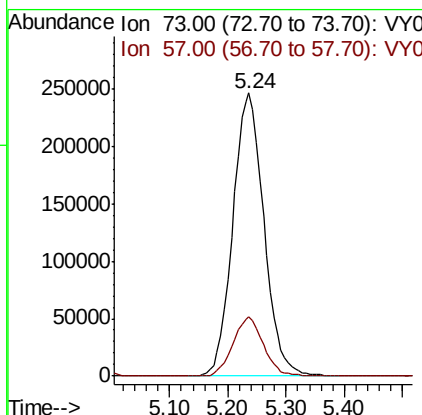
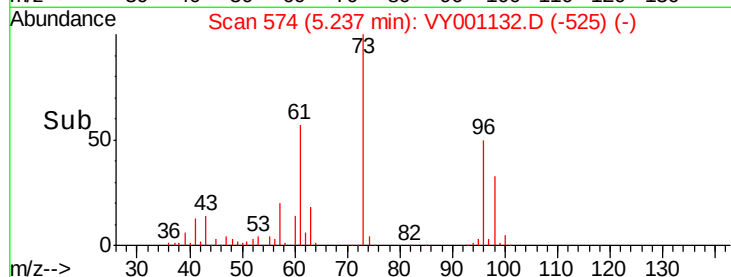
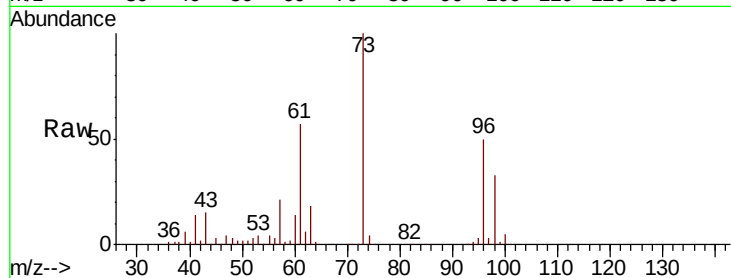
#19
Methyl tert-butyl Ether
Concen: 118.327 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion: 73 Resp: 910574
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5

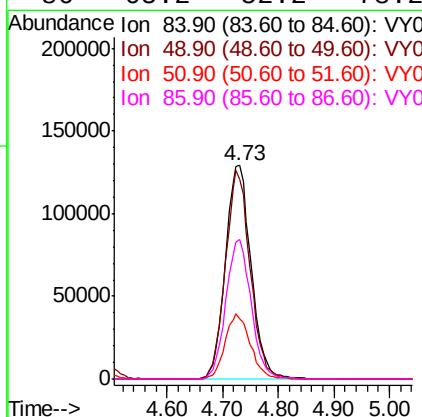
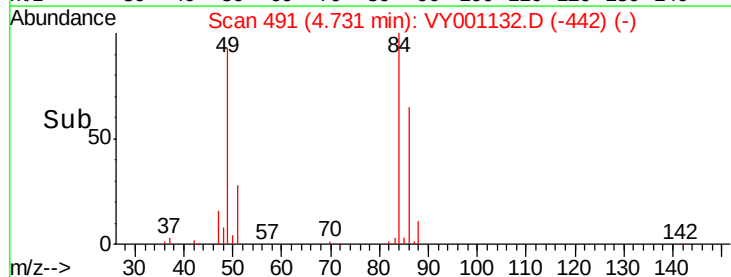
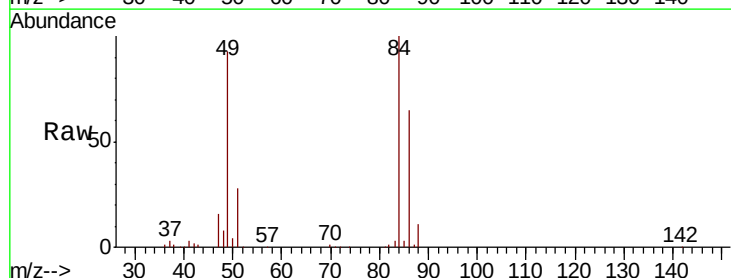
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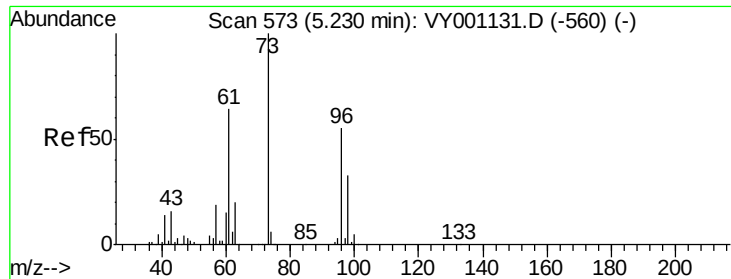
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#20
Methylene Chloride
Concen: 105.070 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion: 84 Resp: 410605
Ion Ratio Lower Upper
84 100
49 93.2 77.5 116.3
51 28.4 24.7 37.1
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 114.146 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

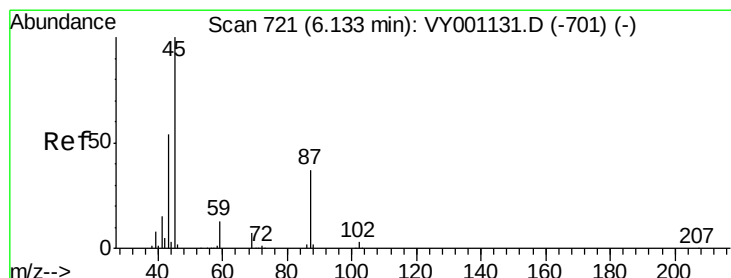
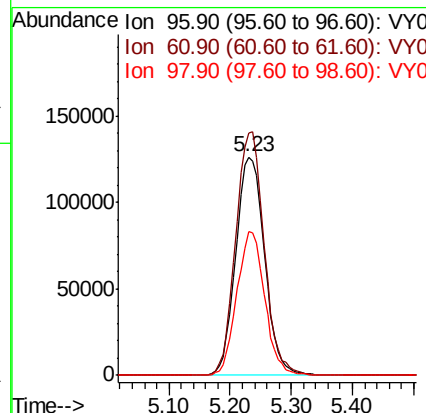
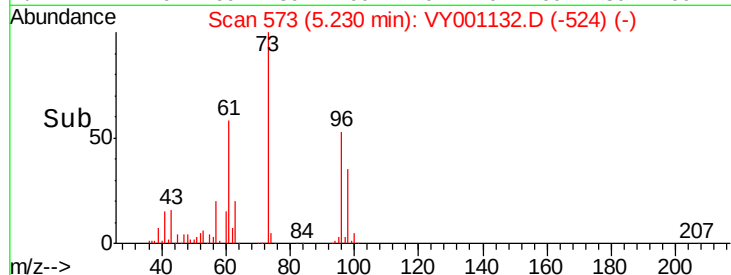
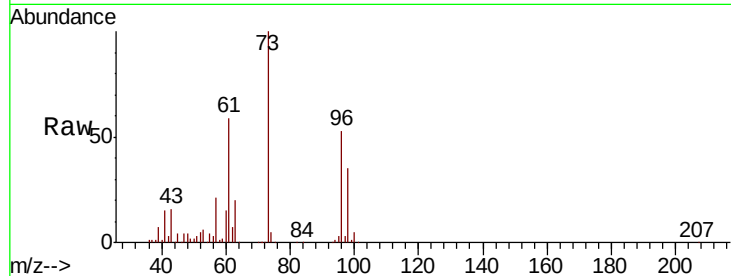
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	410137
Ion	Ratio	Lower	Upper
96	100		
61	110.9	93.2	139.8
98	65.6	48.8	73.2

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#22

Diisopropyl ether

Concen: 120.996 ug/l

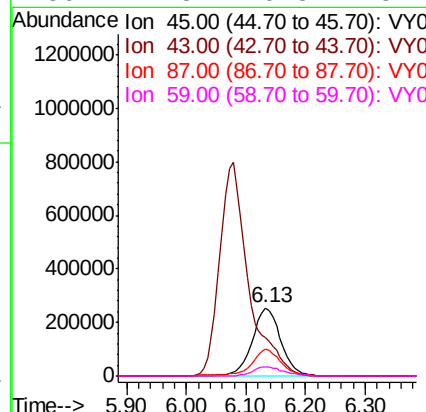
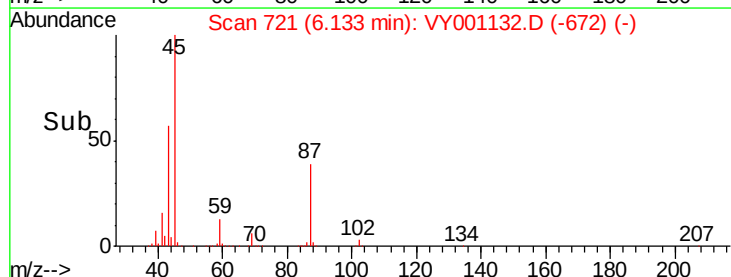
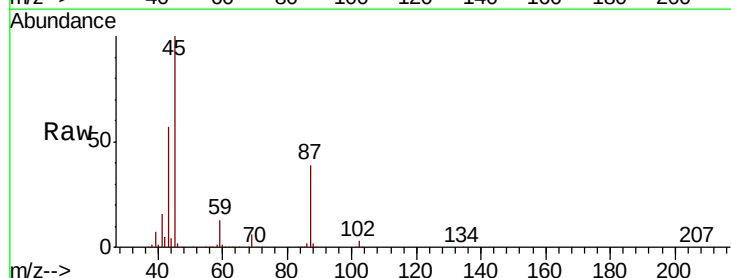
RT: 6.13 min Scan# 721

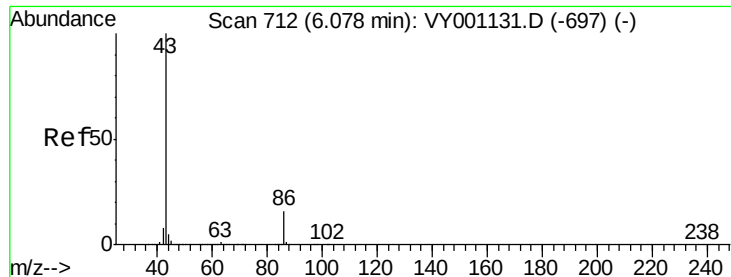
Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion:	45	Resp:	841841
Ion	Ratio	Lower	Upper
45	100		
43	56.2	43.7	65.5
87	38.4	30.0	45.0
59	12.8	10.5	15.7





#23

Vinyl Acetate

Concen: 622.344 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2690953

Ion Ratio Lower Upper

43 100

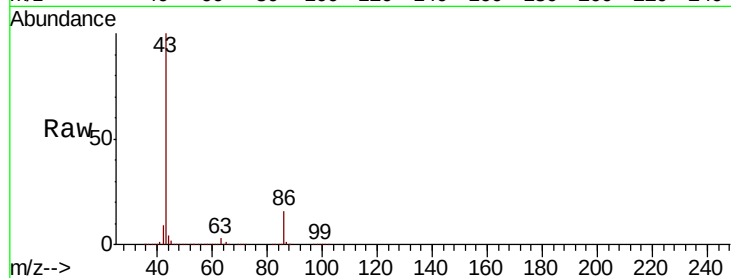
86 16.0 12.6 18.8

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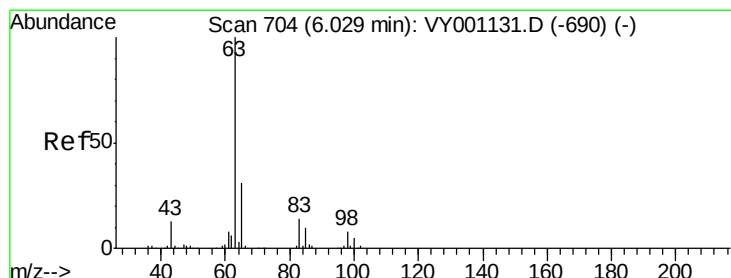
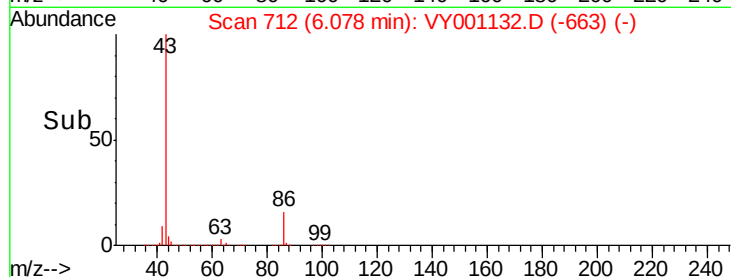
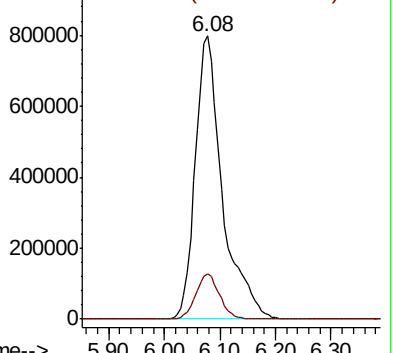
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 120.559 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

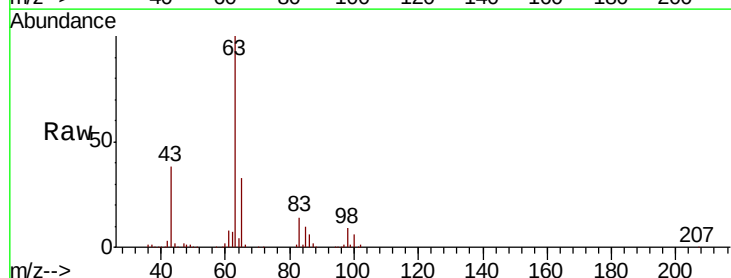
Tgt Ion: 63 Resp: 578670

Ion Ratio Lower Upper

63 100

98 9.4 4.1 12.3

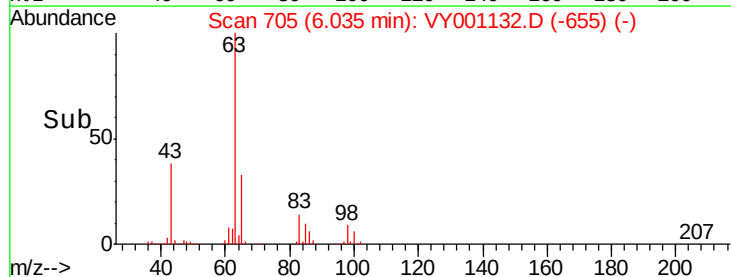
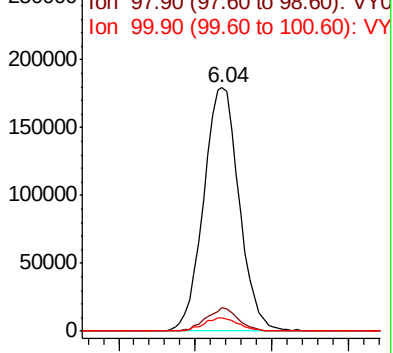
100 5.7 2.5 7.6

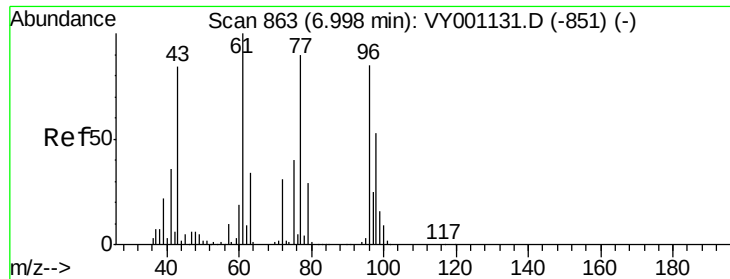


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





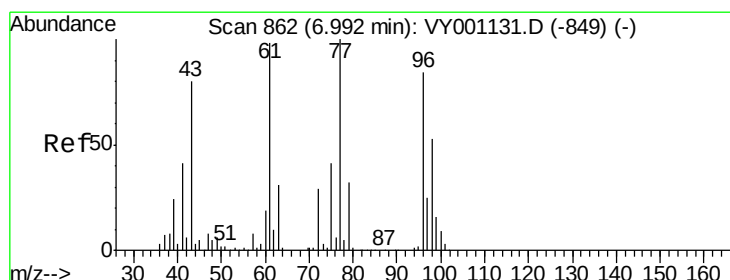
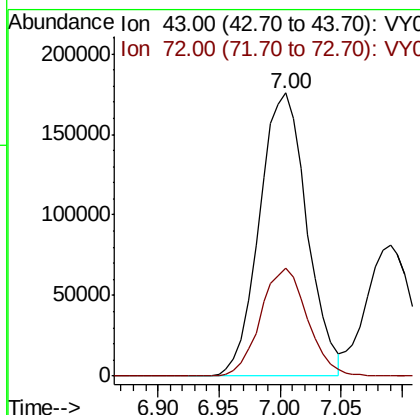
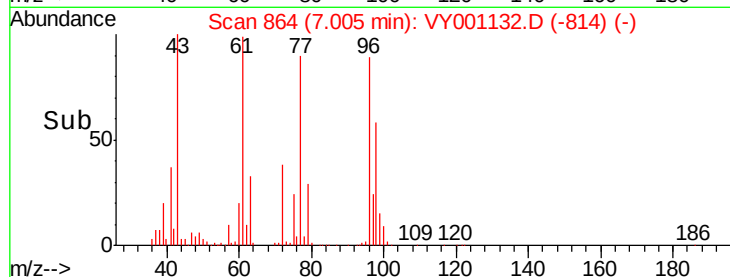
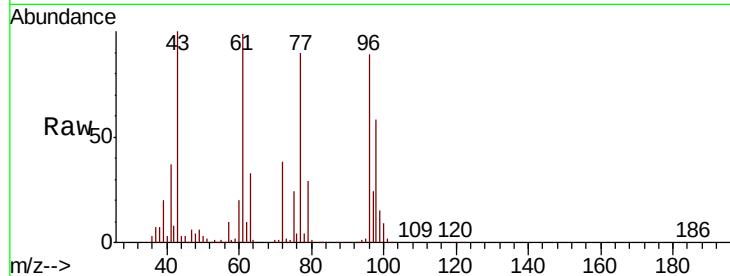
#25
2-Butanone
Concen: 504.780 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion	43	Resp	476152
Ion	Ratio	Lower	Upper
43	100		
72	38.3	29.5	44.3

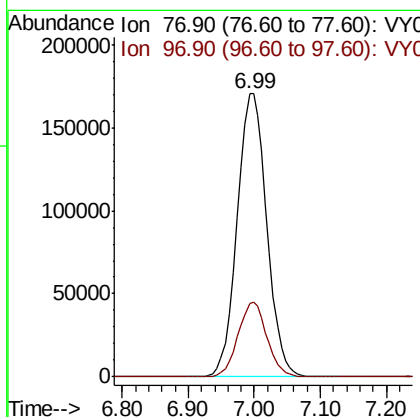
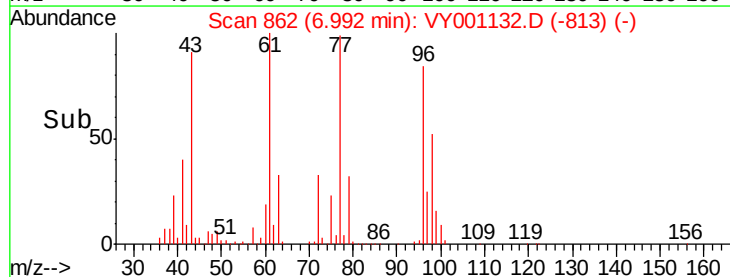
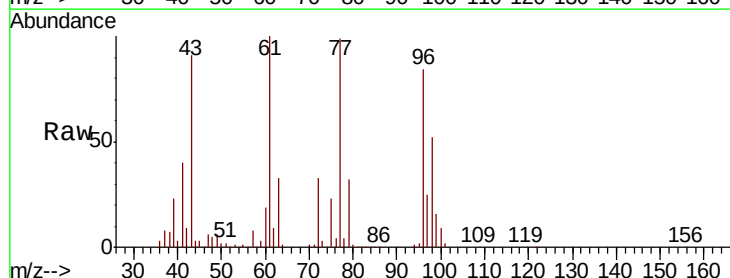
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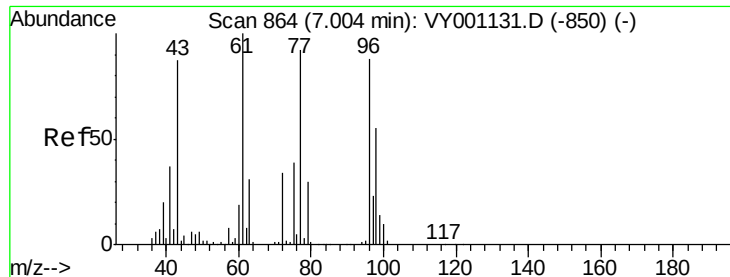
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#26
2,2-Dichloropropane
Concen: 93.933 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	77	Resp	528590
Ion	Ratio	Lower	Upper
77	100		
97	25.9	12.6	37.6





#27

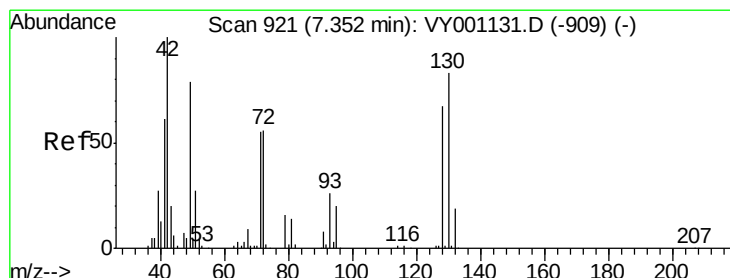
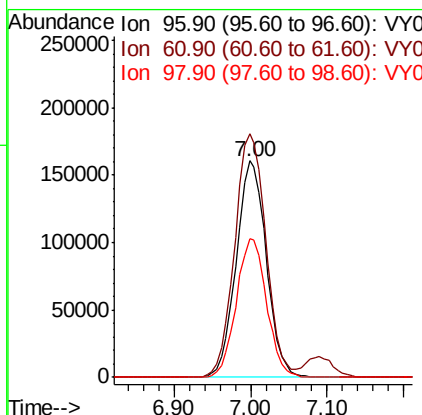
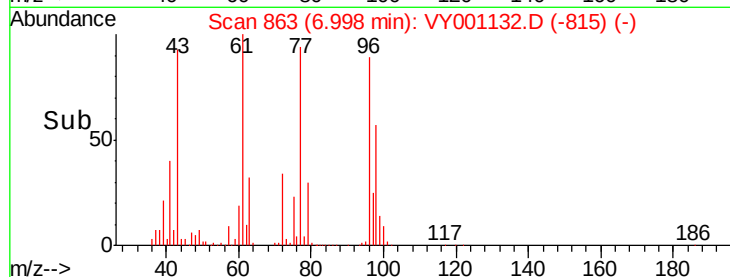
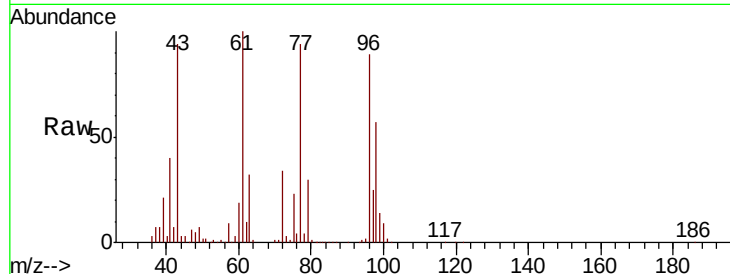
cis-1,2-Dichloroethene
Concen: 99.096 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.7	0.0	235.0
98	64.6	0.0	127.4

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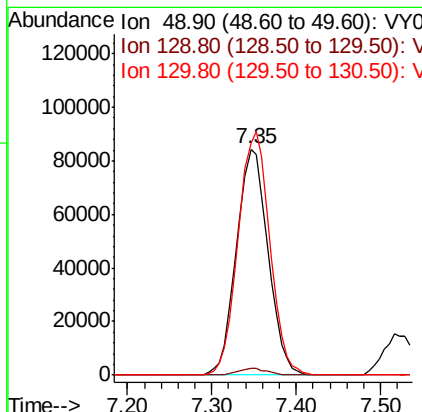
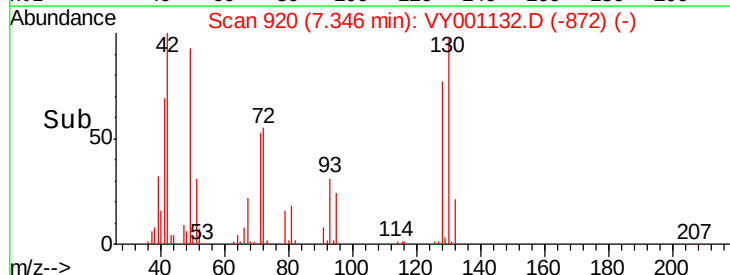
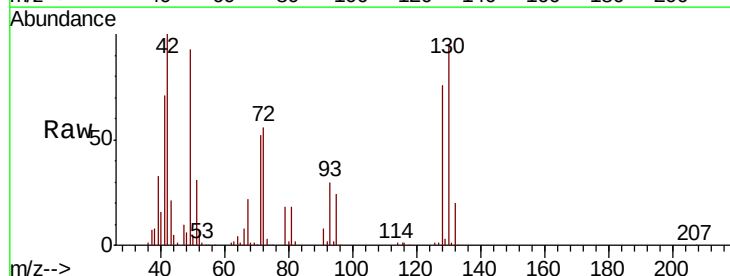
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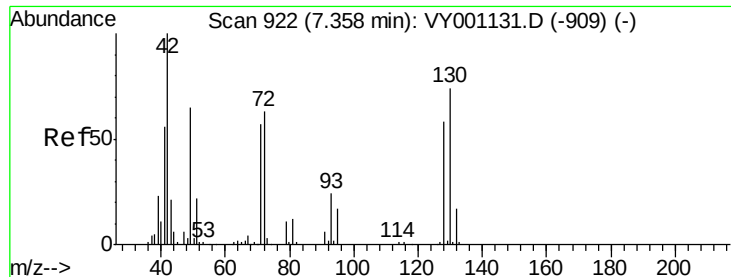


#28

Bromochloromethane
Concen: 115.865 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	108.0	86.9	130.3





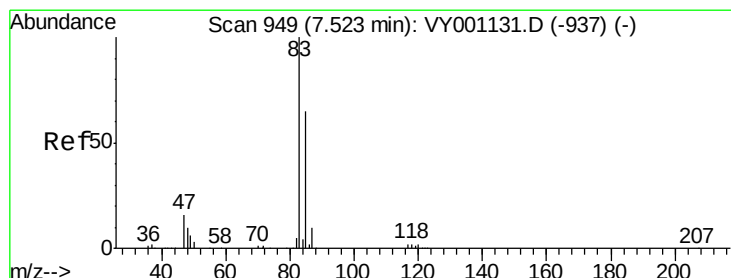
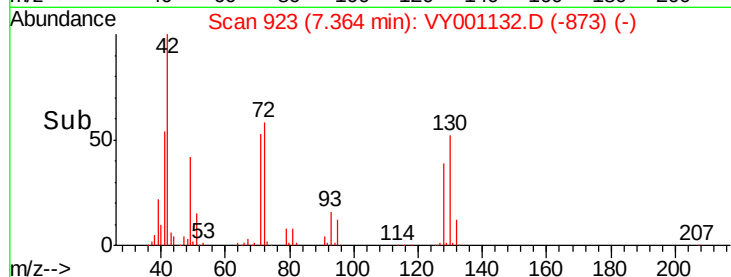
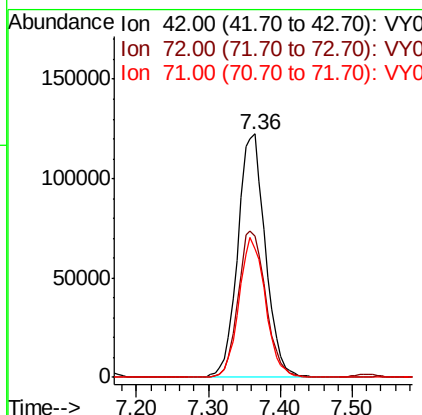
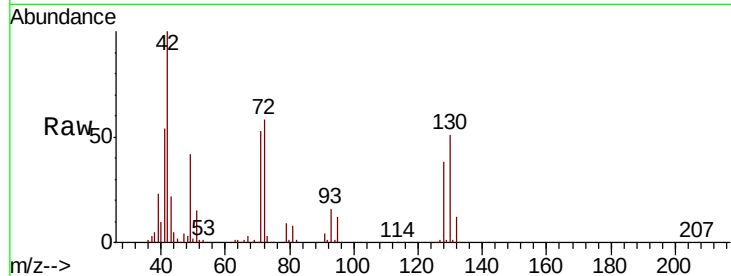
#29
Tetrahydrofuran
Concen: 514.907 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.2	49.0	73.6
71	55.2	45.3	67.9

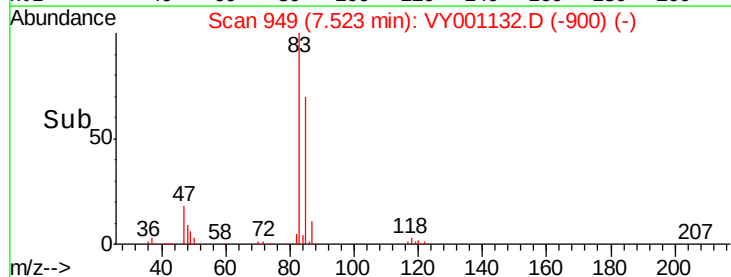
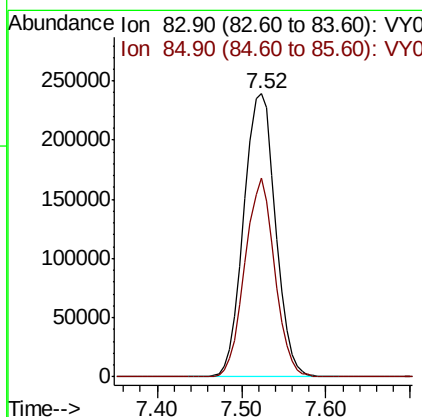
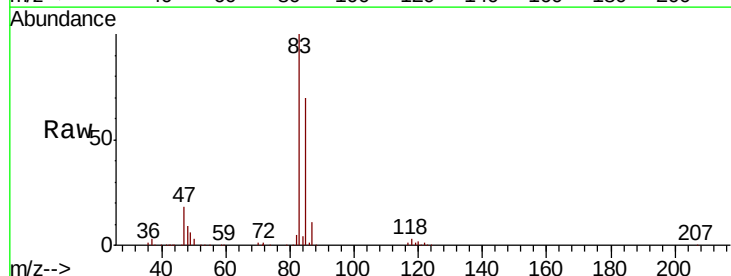
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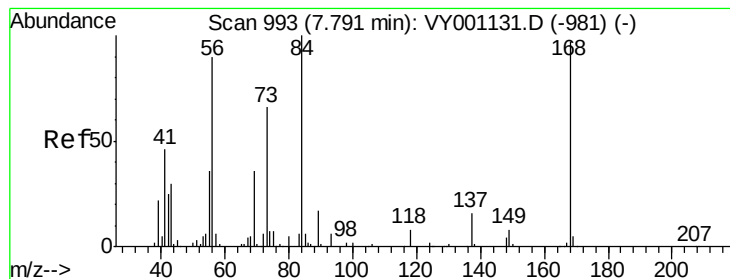
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#30
Chloroform
Concen: 96.564 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.3	52.0	78.0





#31

Cyclohexane

Concen: 88.537 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

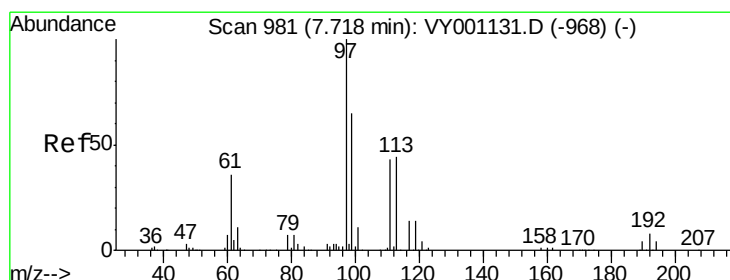
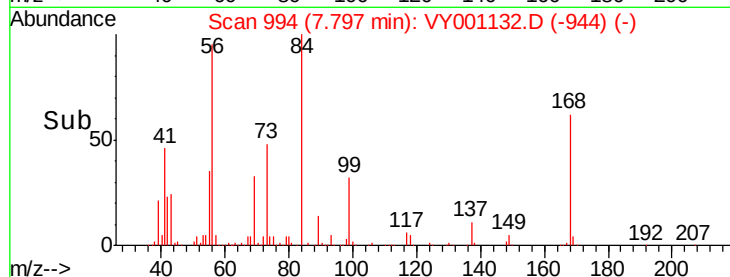
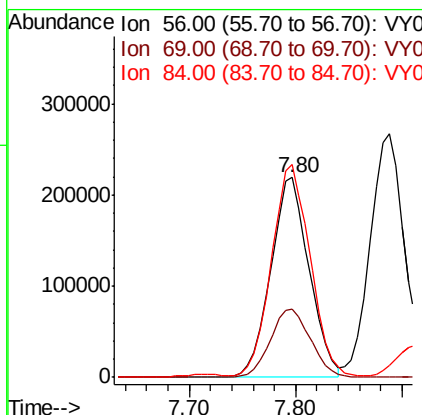
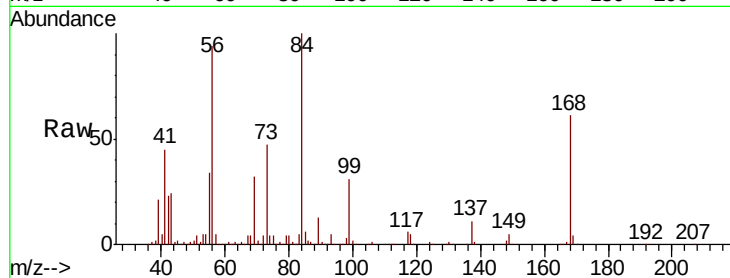
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	546170
Ion	Ratio	Lower	Upper
56	100		
69	34.3	32.0	48.0
84	105.5	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 94.514 ug/l

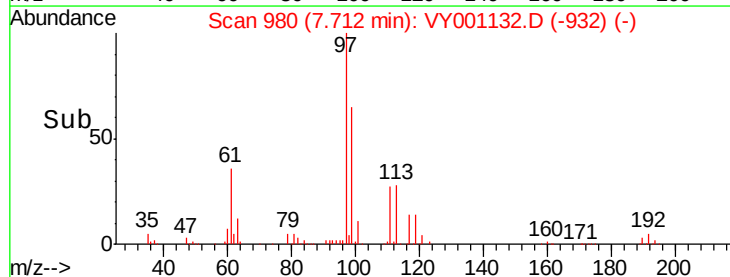
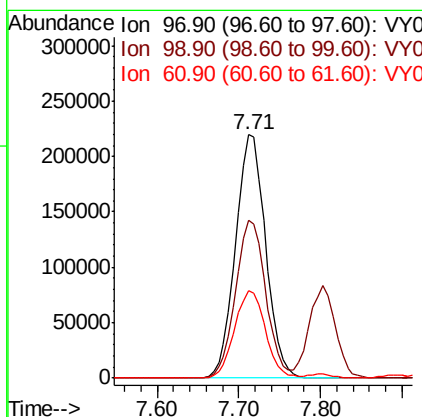
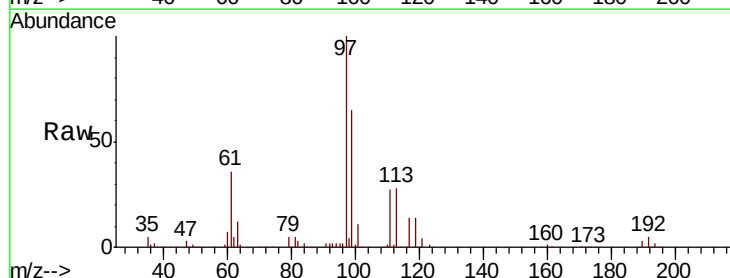
RT: 7.71 min Scan# 980

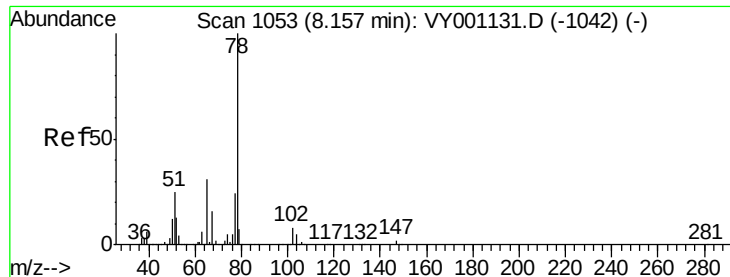
Delta R.T. -0.01 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion:	97	Resp:	561034
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	36.6	29.2	43.8





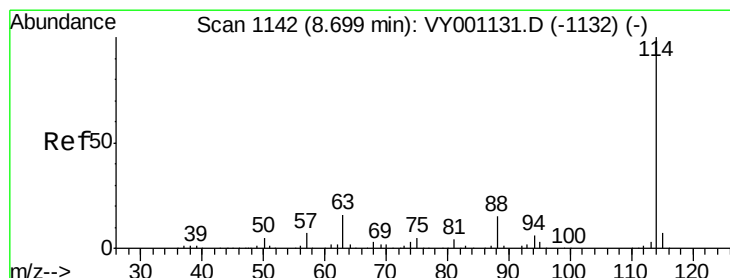
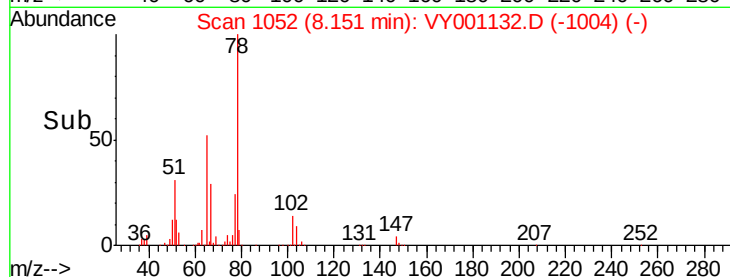
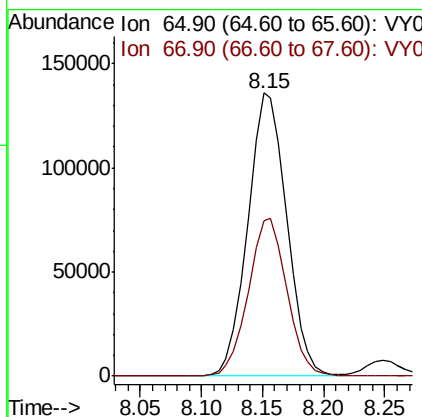
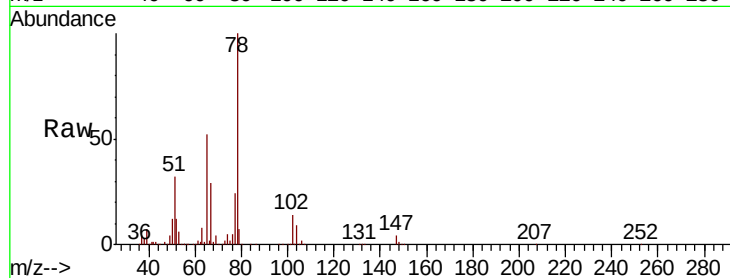
#33
 1,2-Dichloroethane-d4
 Concen: 99.265 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.6

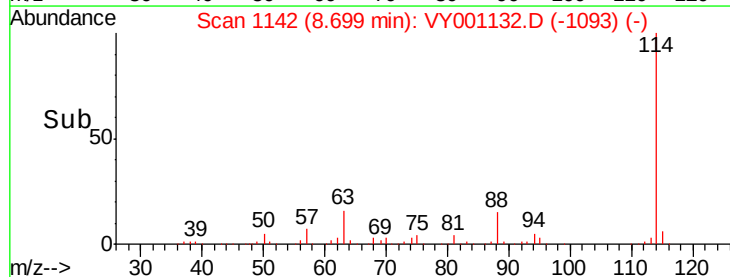
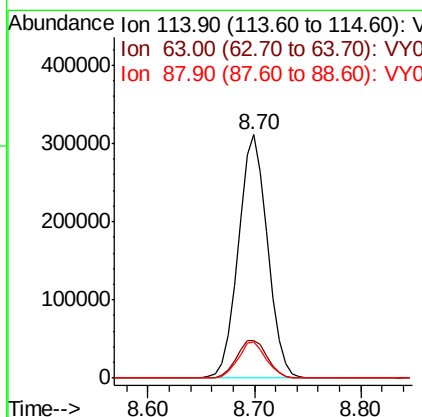
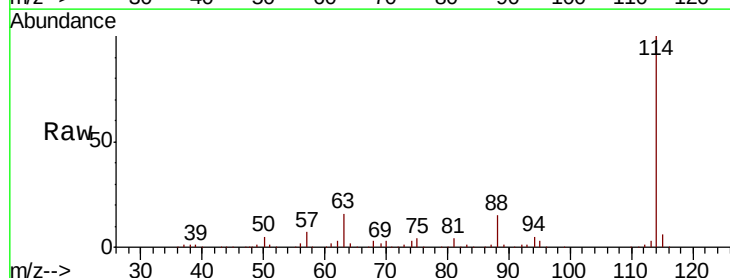
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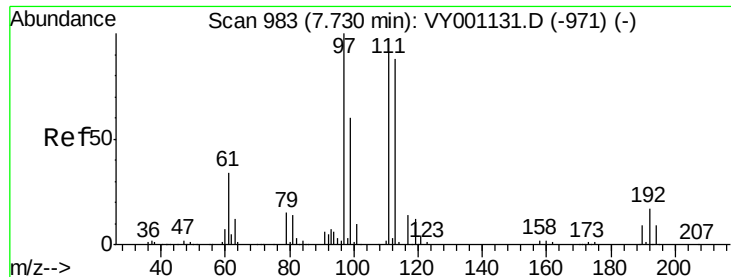
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	33.0
88	14.8	0.0	30.0





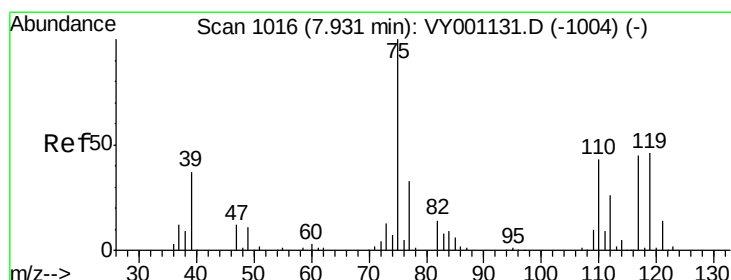
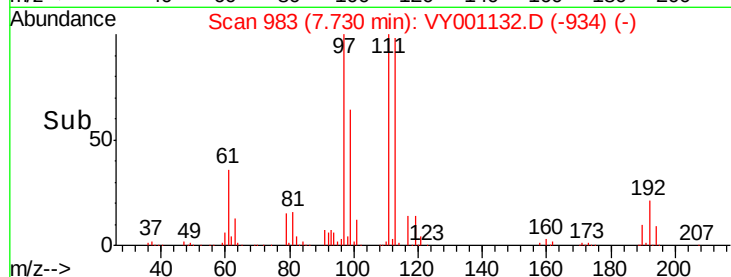
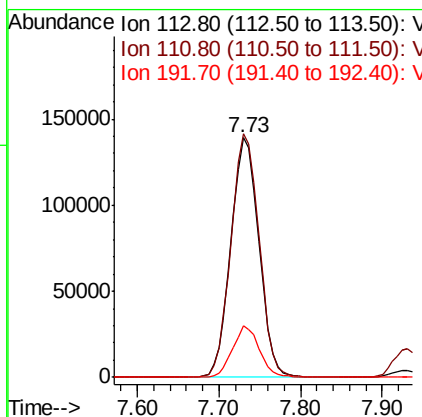
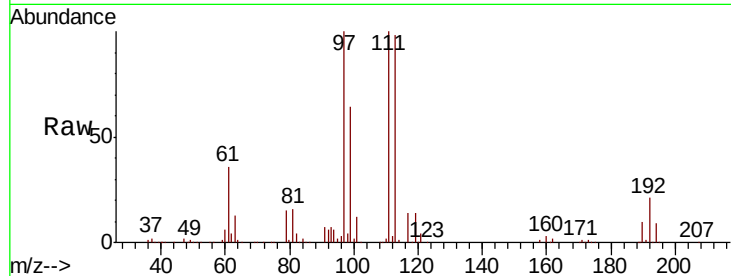
#35
 Dibromofluoromethane
 Concen: 93.833 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	329782		
111	102.2	81.0	121.4	
192	20.3	16.4	24.6	

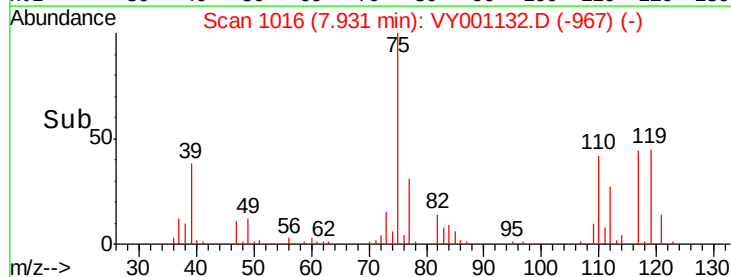
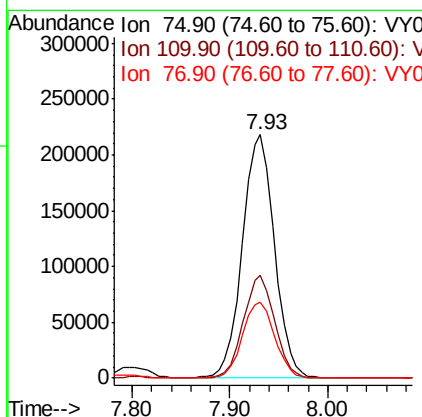
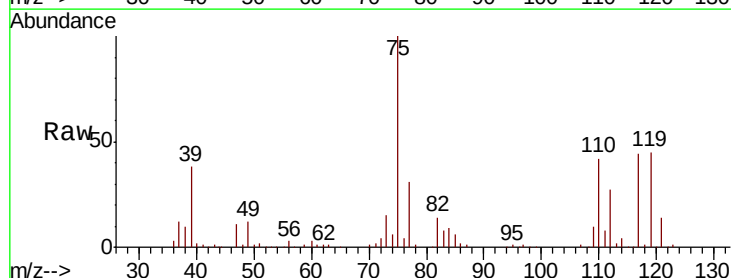
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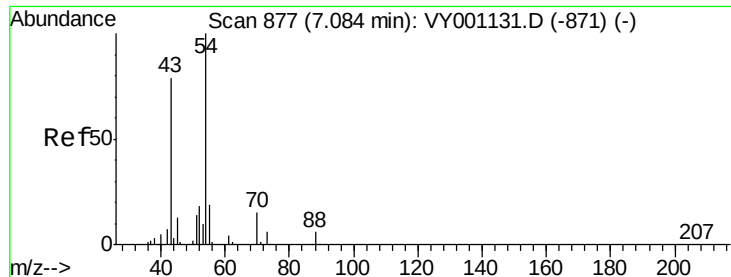
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#36
 1,1-Dichloropropene
 Concen: 92.810 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	498312		
110	41.1	20.6	61.8	
77	31.5	25.7	38.5	





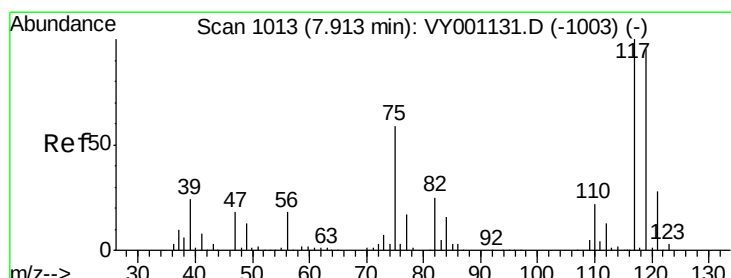
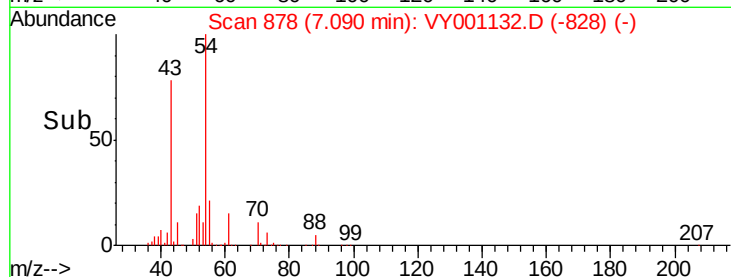
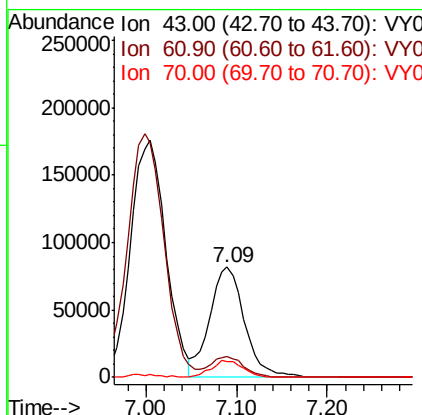
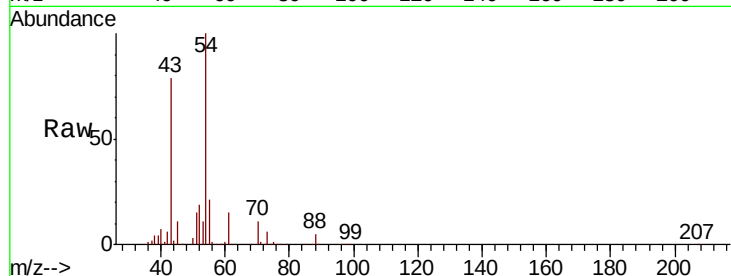
#37
Ethyl Acetate
Concen: 100.488 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
70	14.4	11.5	17.3

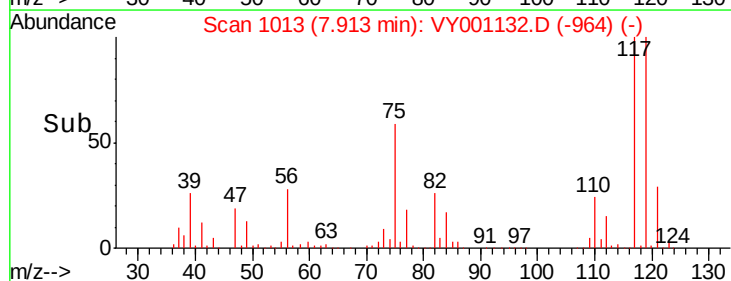
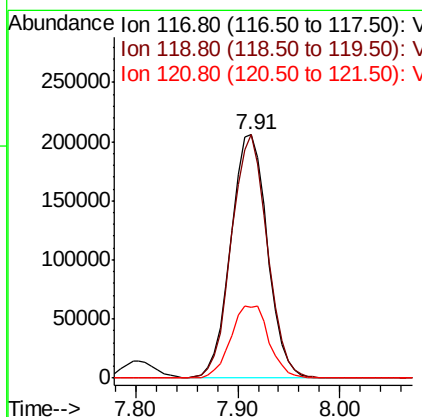
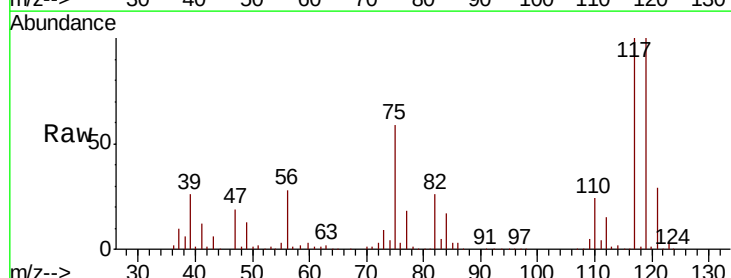
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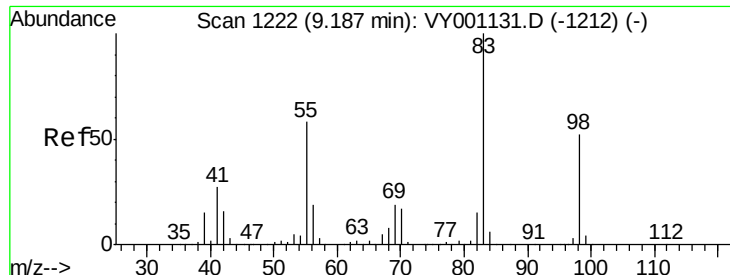
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#38
Carbon Tetrachloride
Concen: 91.754 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.6
121	29.0	22.5	33.7





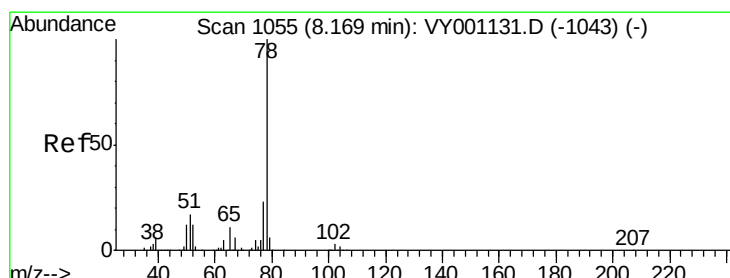
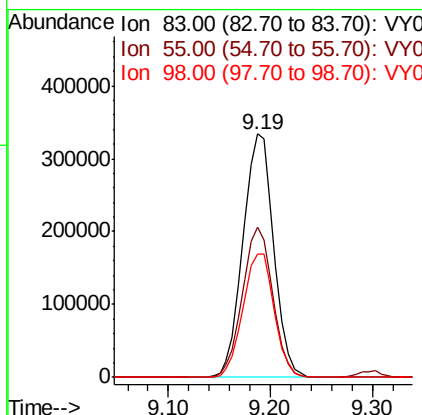
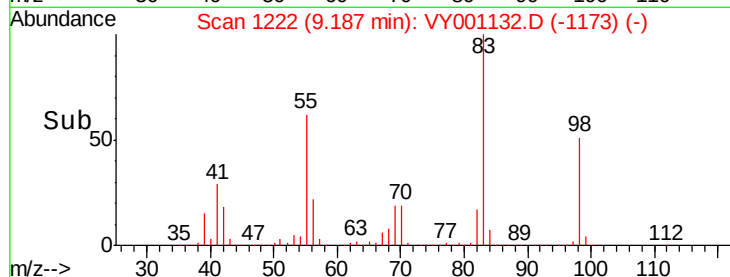
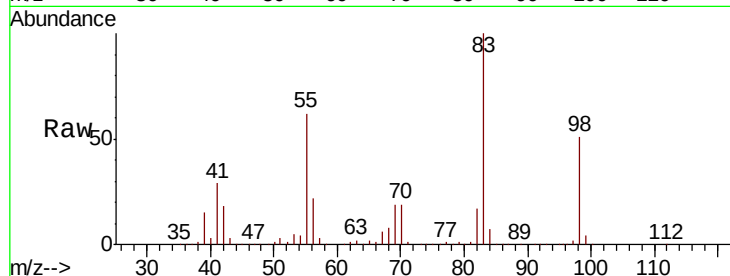
#39
Methvlcvclohexane
Concen: 94.654 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.9	46.4	69.6
98	50.8	41.5	62.3

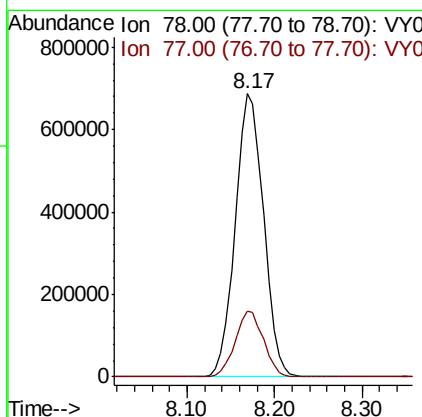
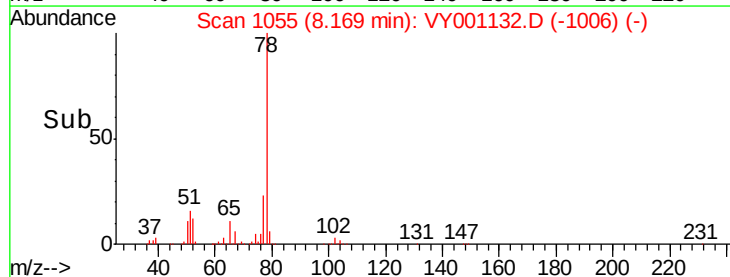
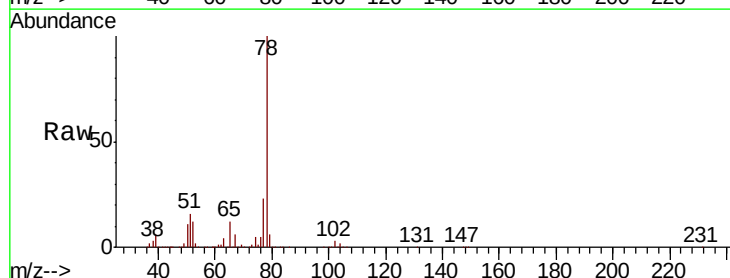
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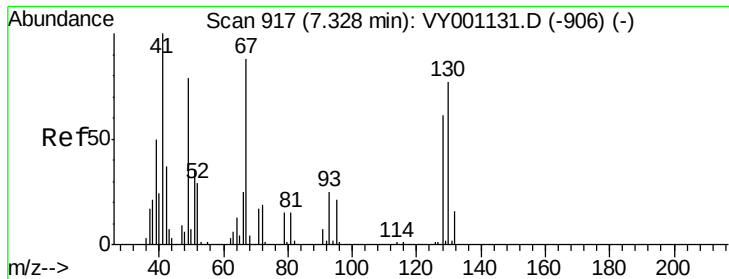
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#40
Benzene
Concen: 93.485 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 45.435 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 41 Resp: 108626
Ion Ratio Lower Upper

41 100

39 123.3 122.9 184.3

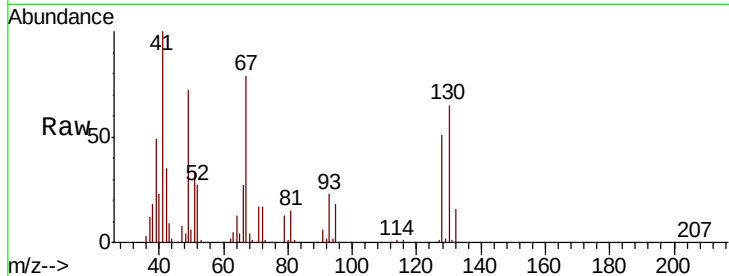
67 0.0 0.0 0.0

52 0.0 0.0 0.0

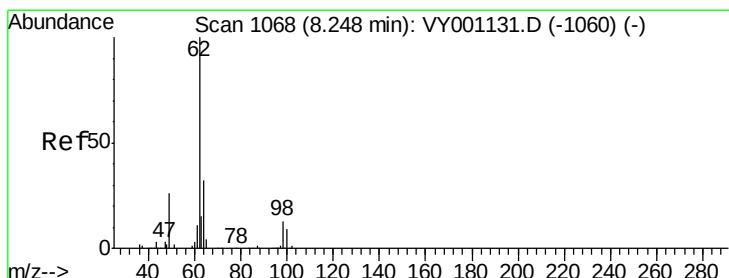
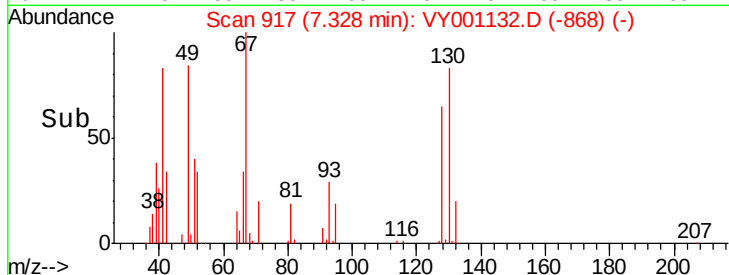
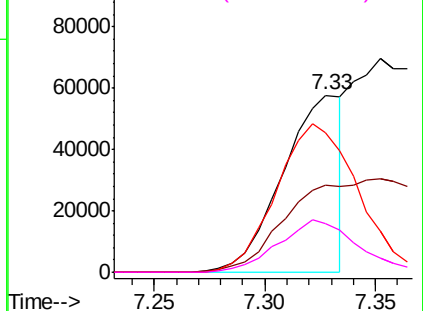
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 94.006 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

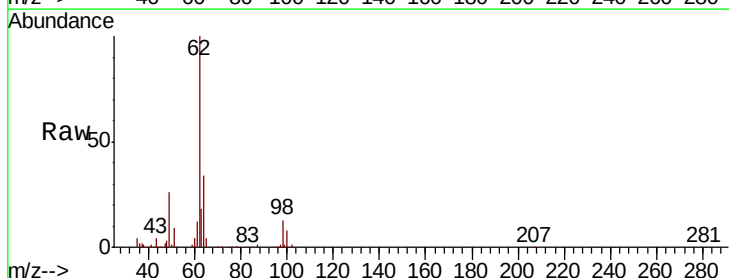
Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

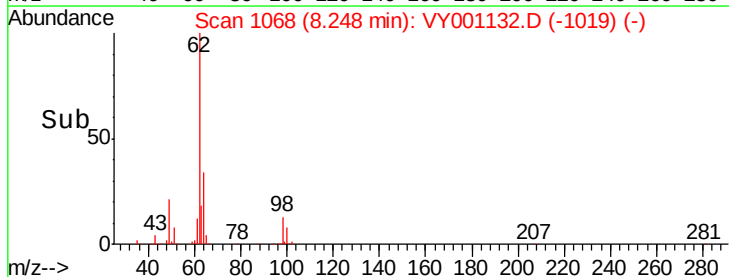
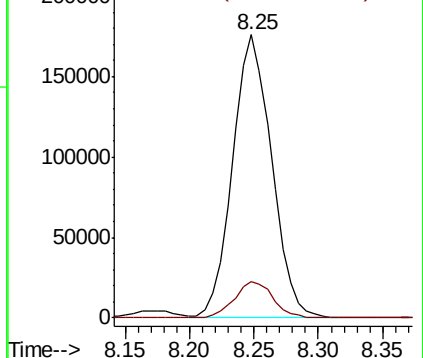
Tgt Ion: 62 Resp: 369065
Ion Ratio Lower Upper

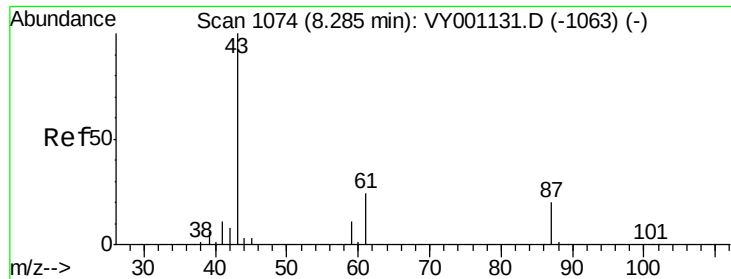
62 100

98 12.7 0.0 24.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





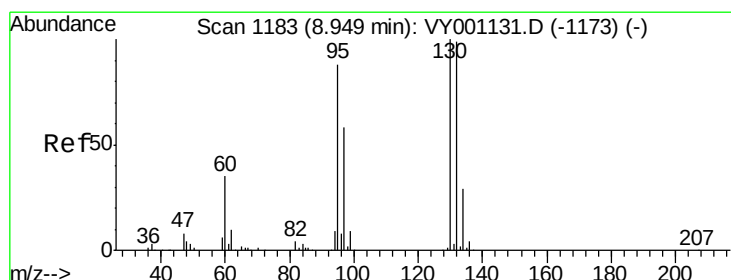
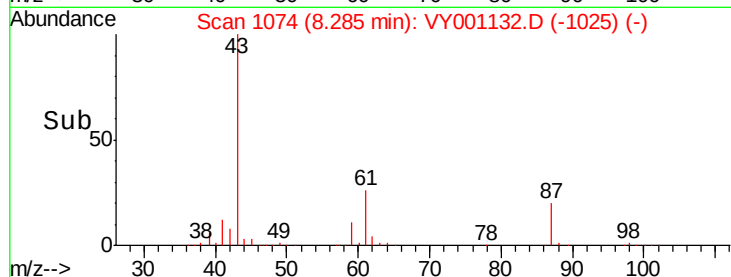
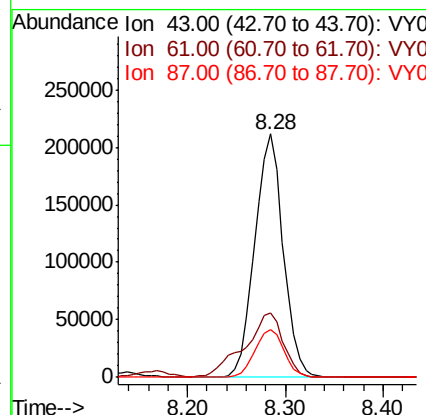
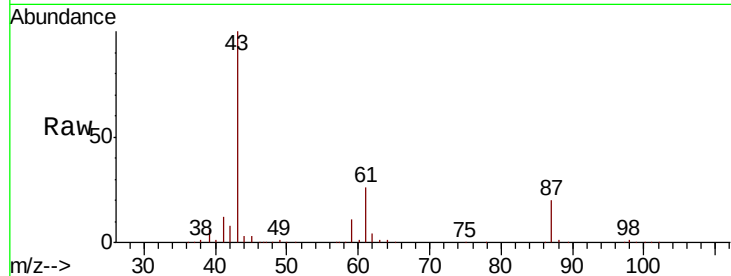
#43
Isopropyl Acetate
Concen: 99.439 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	36.2	29.1	43.7
87	20.3	15.4	23.2

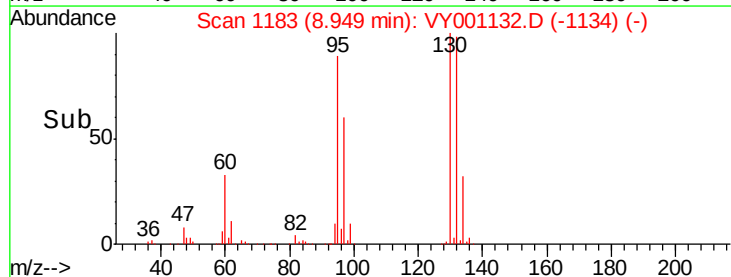
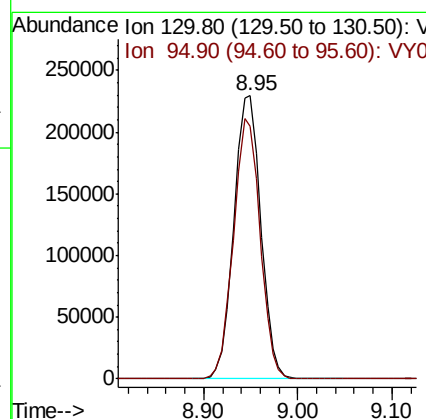
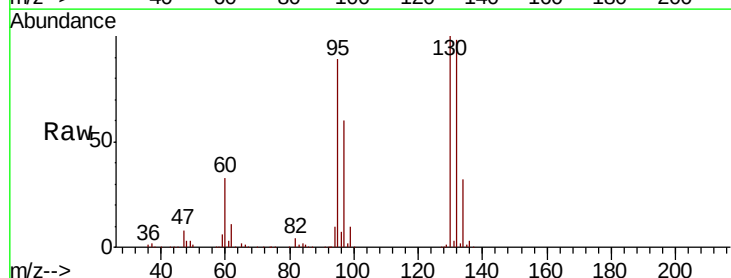
Manual Integrations
APPROVED

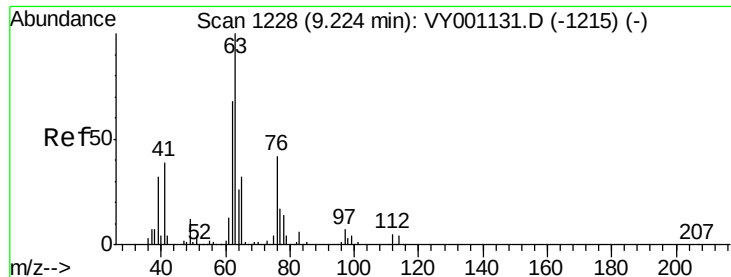
apatel
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#44
Trichloroethene
Concen: 91.680 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	176.8





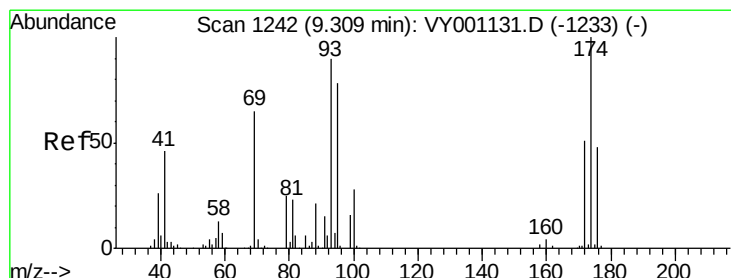
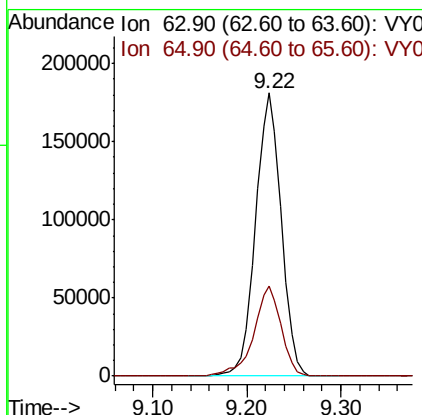
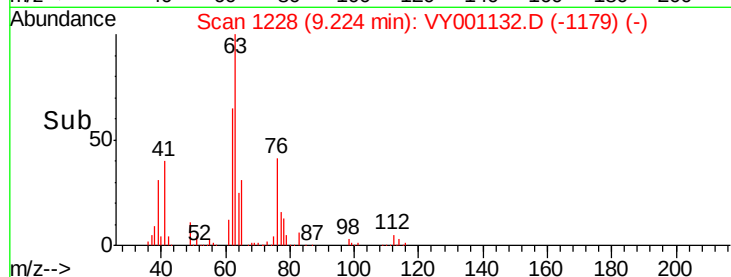
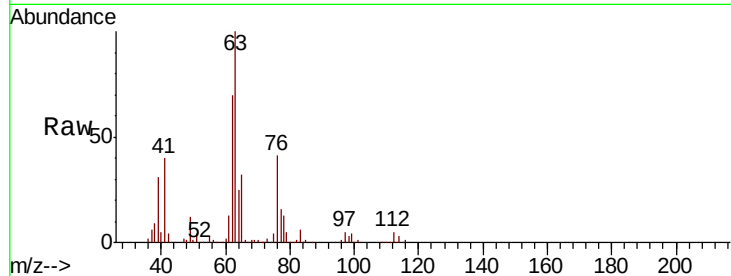
#45
 1,2-Dichloropropane
 Concen: 95.280 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4

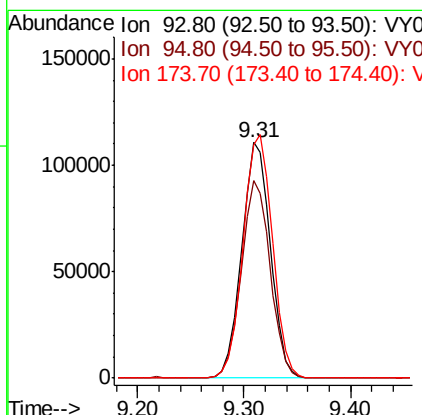
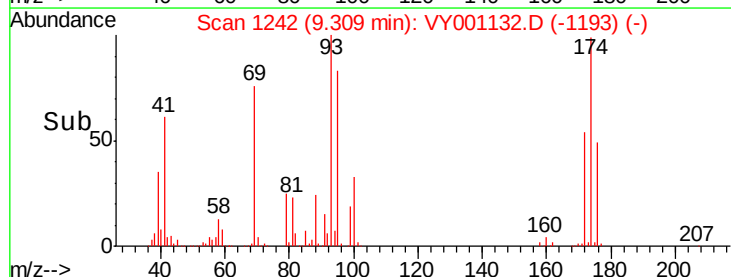
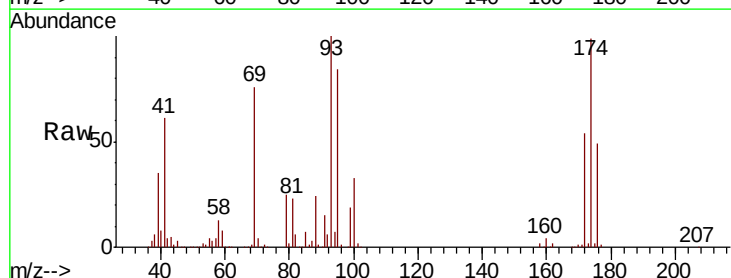
Manual Integrations
 APPROVED

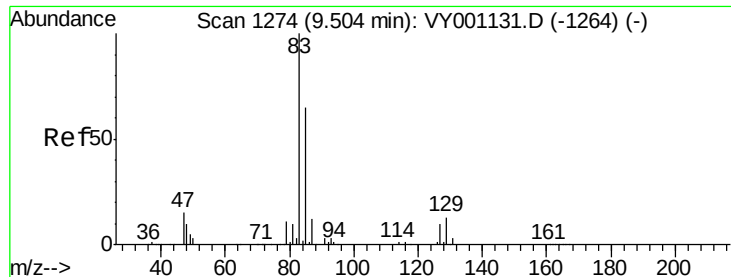
apatel
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#46
 Dibromomethane
 Concen: 98.534 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	68.7	103.1
174	105.7	88.0	132.0





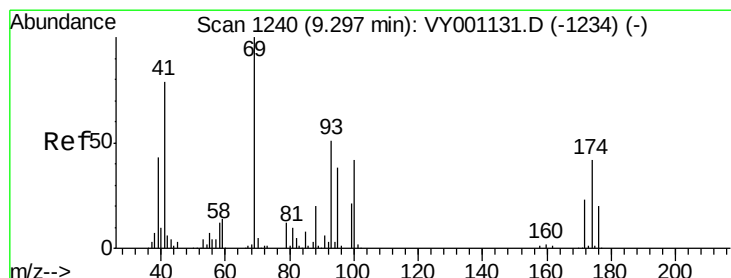
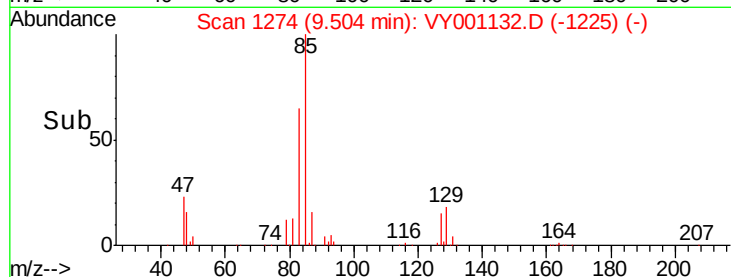
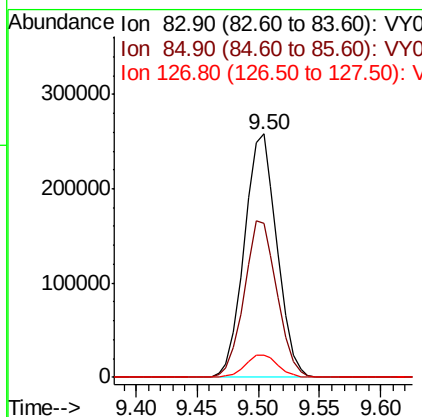
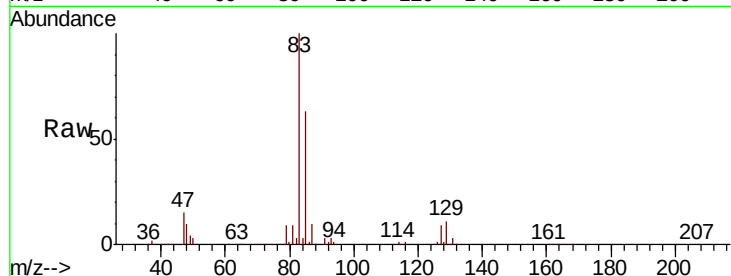
#47
Bromodichloromethane
Concen: 100.935 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	477445		
85	63.1	51.7	77.5	
127	9.3	7.6	11.4	

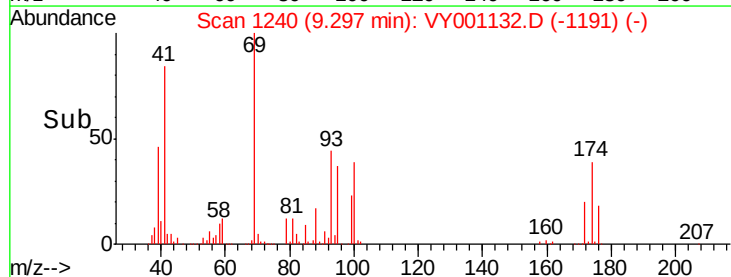
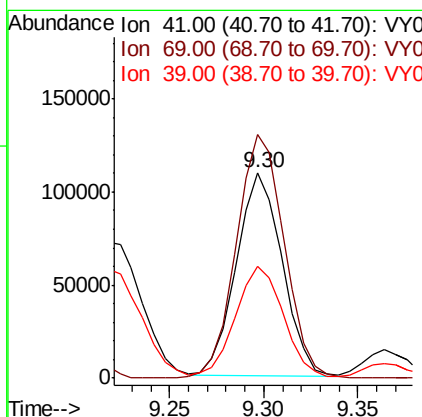
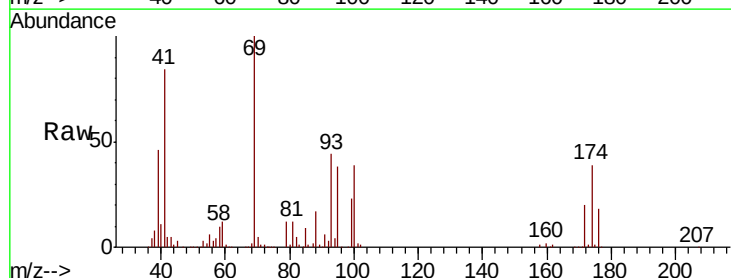
Manual Integrations
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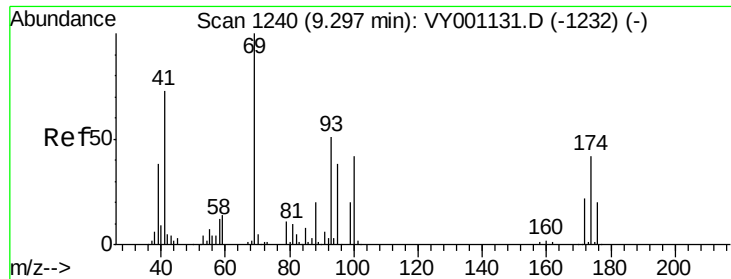
apatel
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#48
Methyl methacrylate
Concen: 100.016 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	183081		
69	126.1	100.3	150.5	
39	58.4	47.6	71.4	





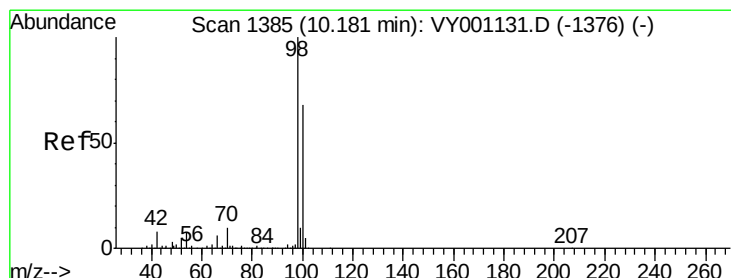
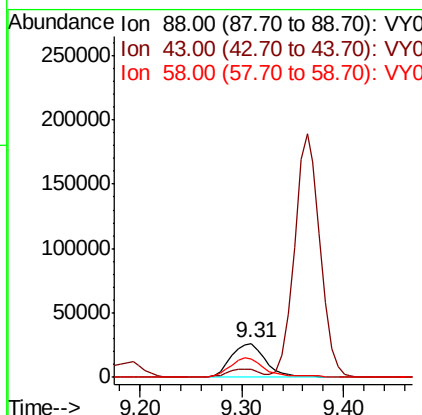
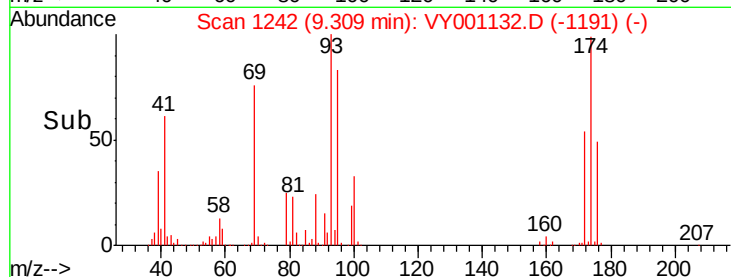
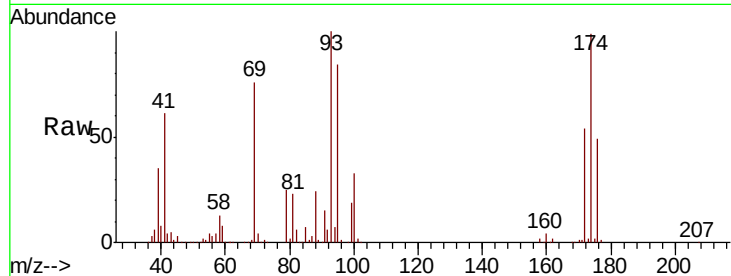
#49
1,4-Dioxane
Concen: 1933.686 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	62455
Ion Ratio	100	Lower	Upper
88	100		
43	21.5	19.0	28.4
58	54.4	48.2	72.4

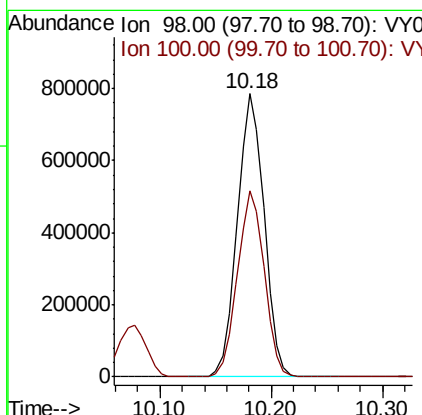
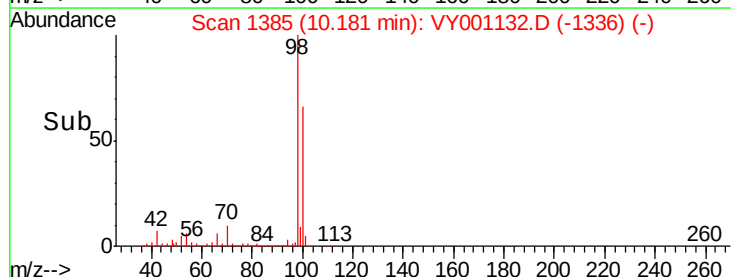
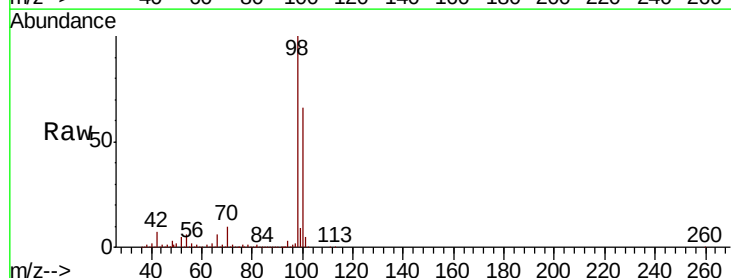
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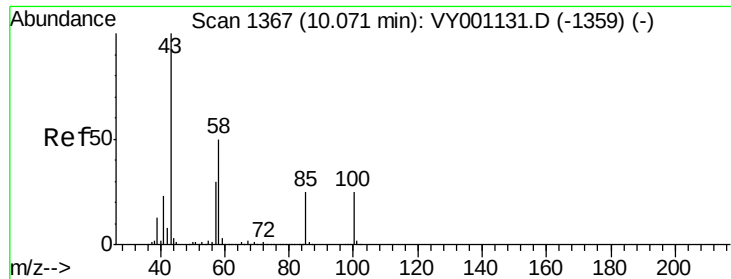
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#50
Toluene-d8
Concen: 105.869 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	98	Resp	1306869
Ion Ratio	100	Lower	Upper
98	100		
100	66.0	53.2	79.8





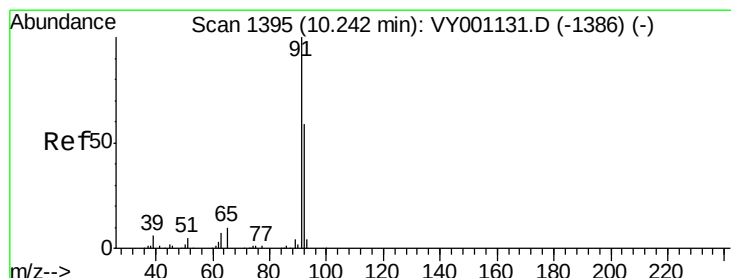
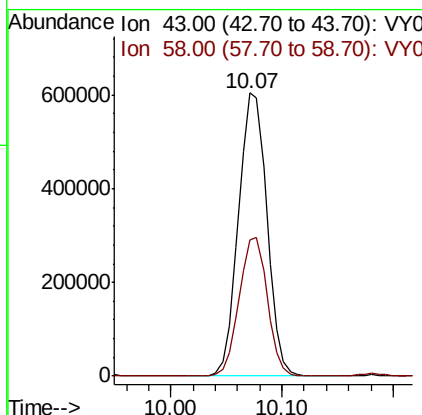
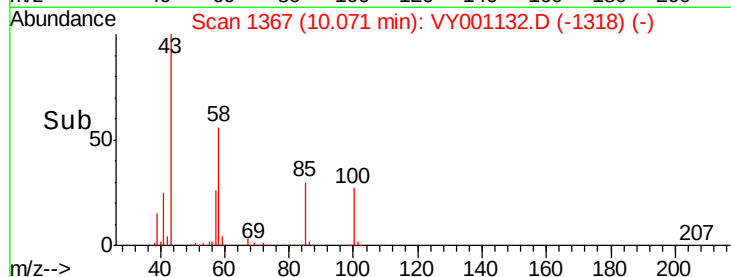
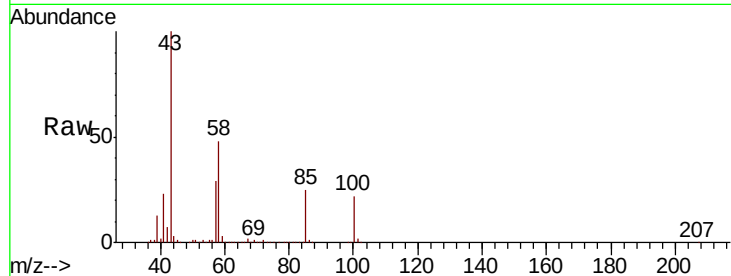
#51
4-Methyl-2-Pentanone
Concen: 541.409 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1072296
Ion Ratio Lower Upper
43 100
58 48.5 39.1 58.7

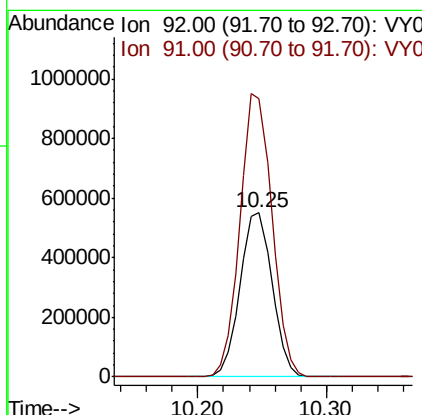
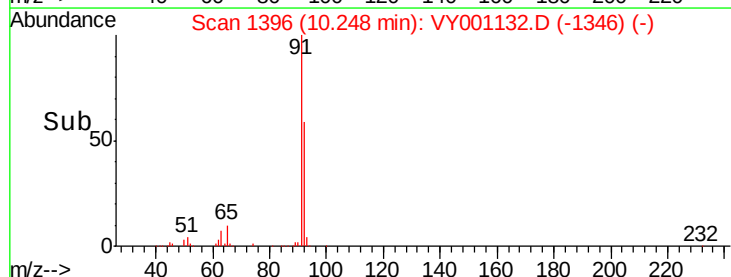
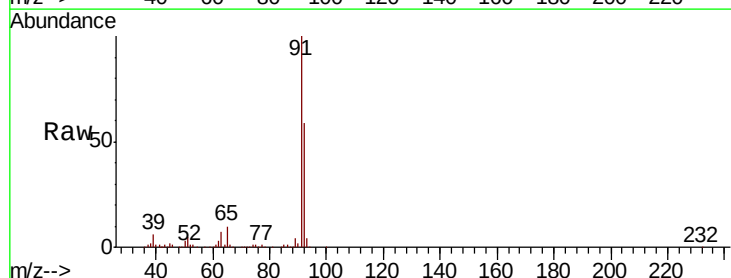
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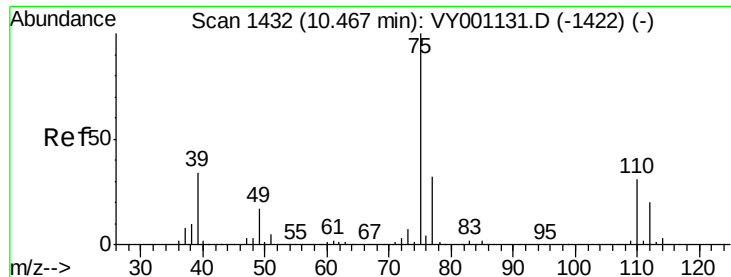
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#52
Toluene
Concen: 95.335 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion: 92 Resp: 950146
Ion Ratio Lower Upper
92 100
91 171.8 137.6 206.4





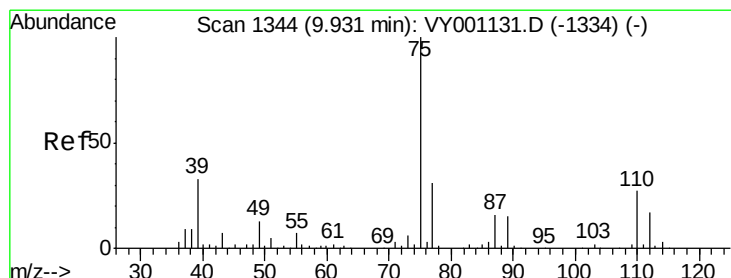
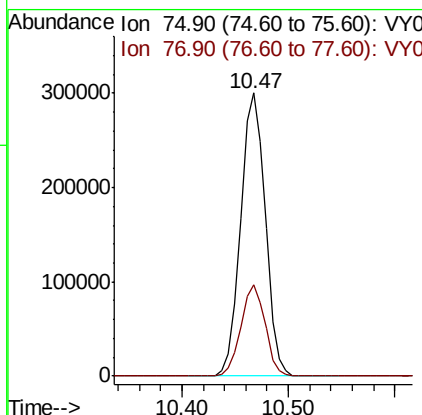
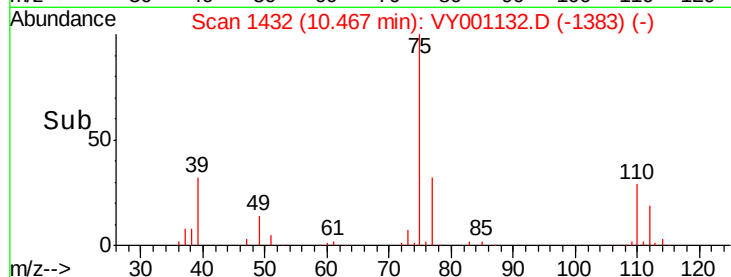
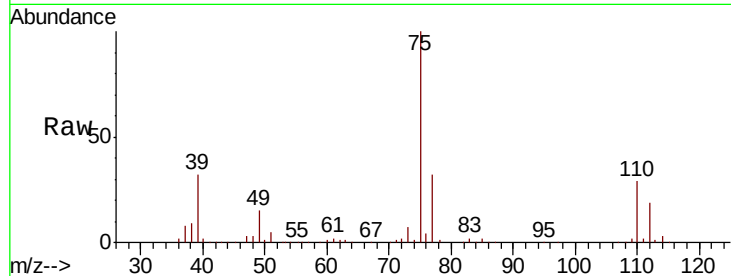
#53
t-1,3-Dichloropropene
Concen: 98.823 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5

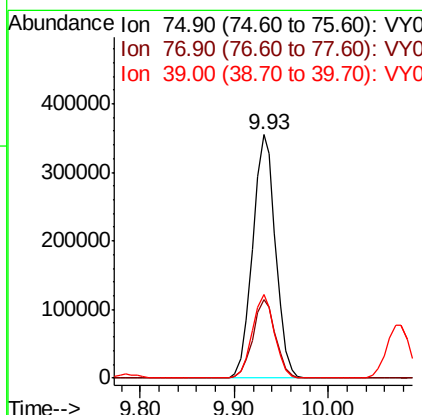
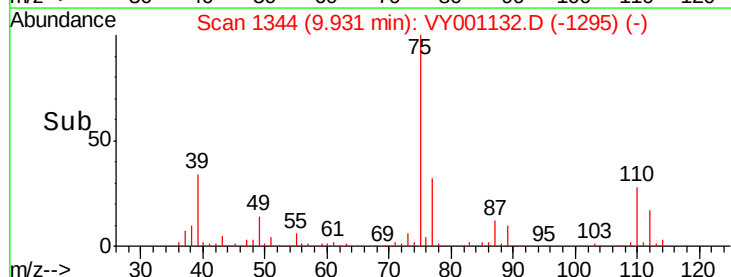
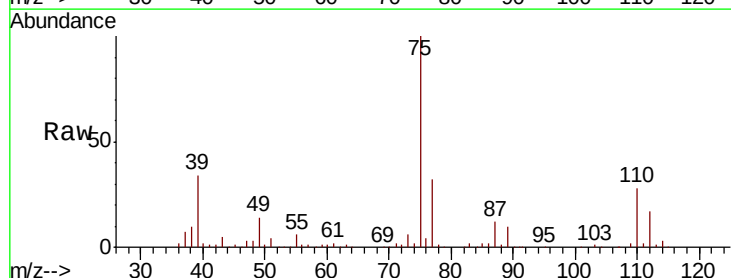
Manual Integrations
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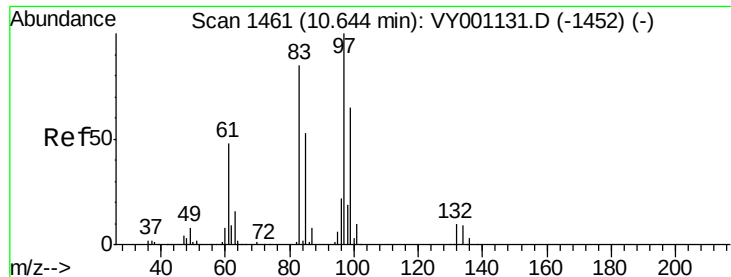
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#54
cis-1,3-Dichloropropene
Concen: 105.665 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	37.0
39	34.2	26.2	39.4





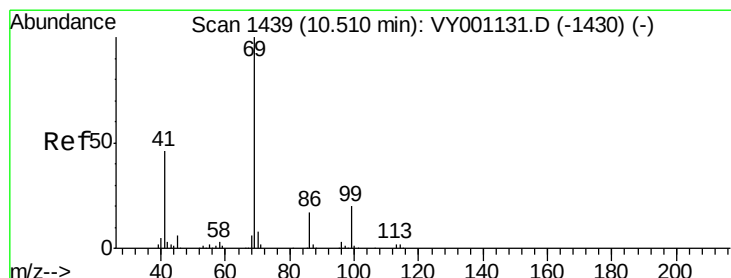
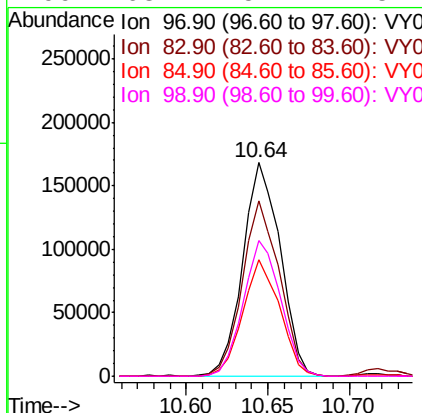
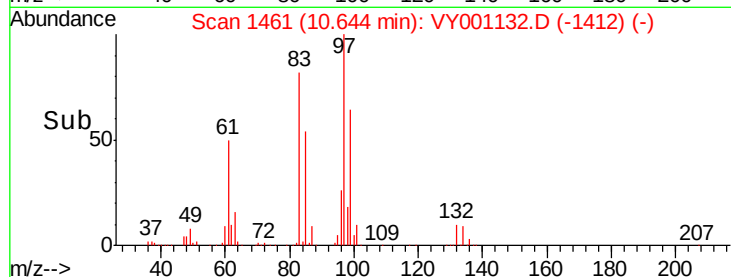
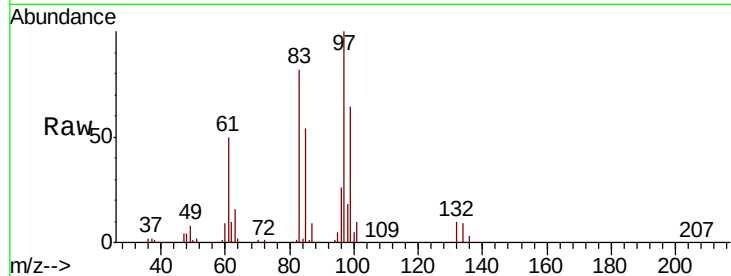
#55
 1,1,2-Trichloroethane
 Concen: 86.258 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.7	101.5
85	54.3	42.7	64.1
99	63.7	52.2	78.2

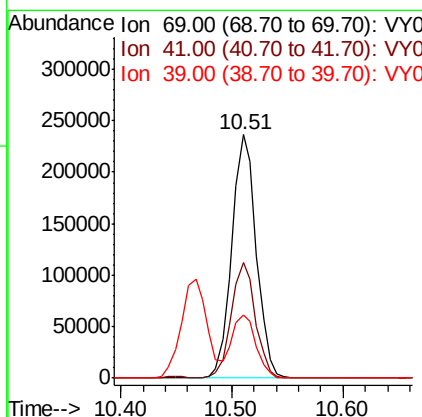
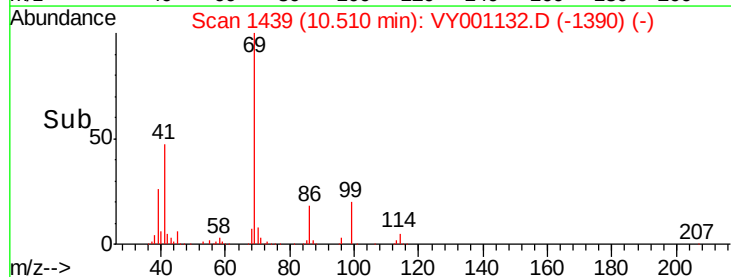
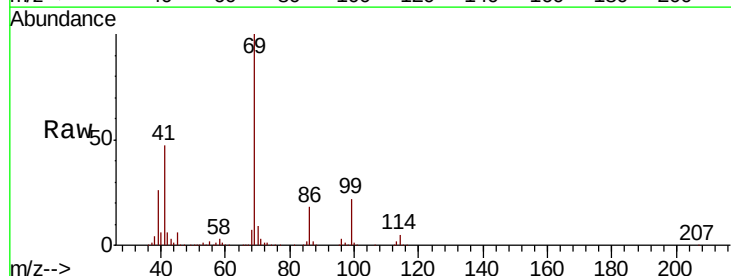
Manual Integrations
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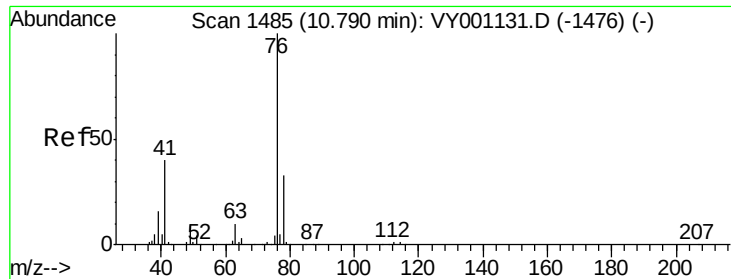
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#56
 Ethyl methacrylate
 Concen: 90.830 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.0	37.5	56.3
39	25.3	19.0	28.6





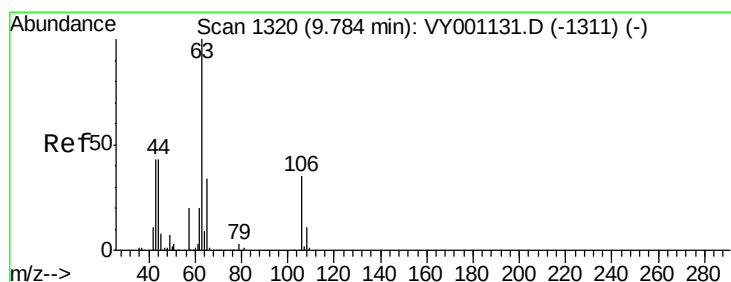
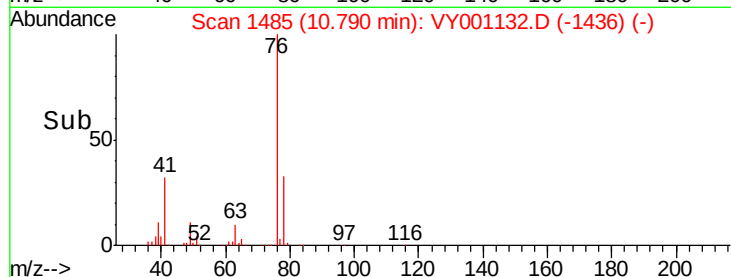
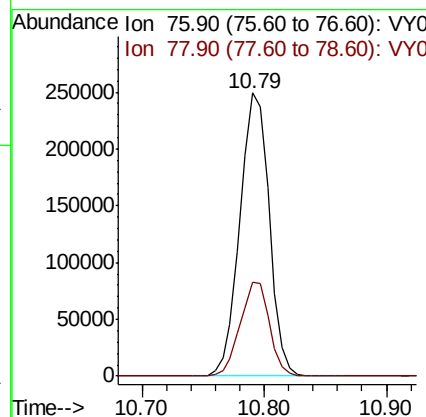
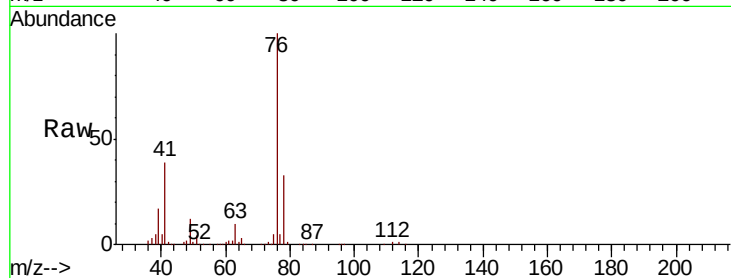
#57
 1,3-Dichloropropane
 Concen: 84.991 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.2	39.2

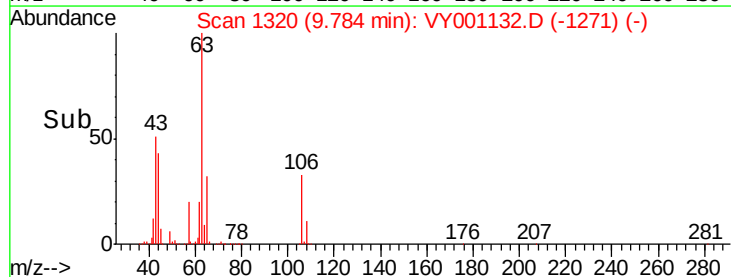
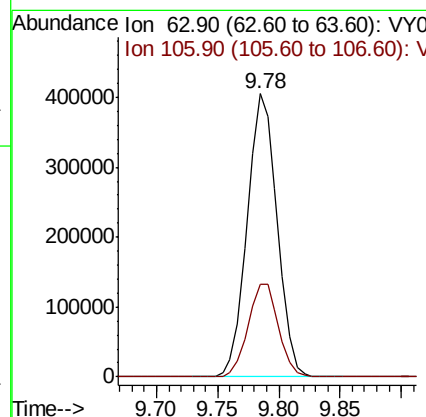
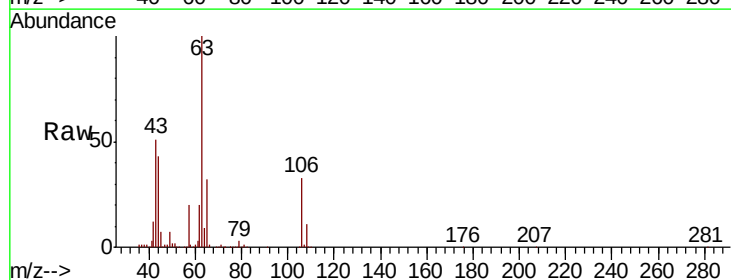
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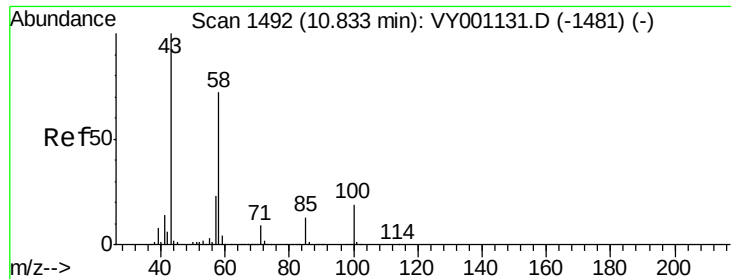
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#58
 2-Chloroethyl Vinyl ether
 Concen: 480.431 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.4	28.0	42.0





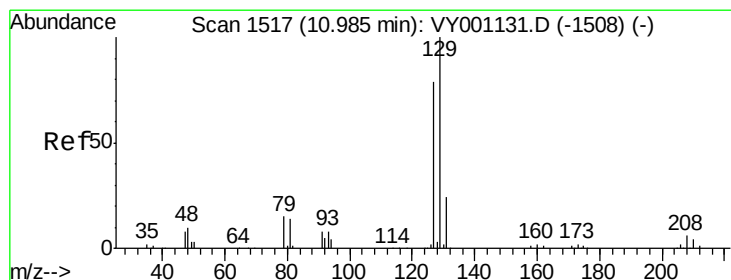
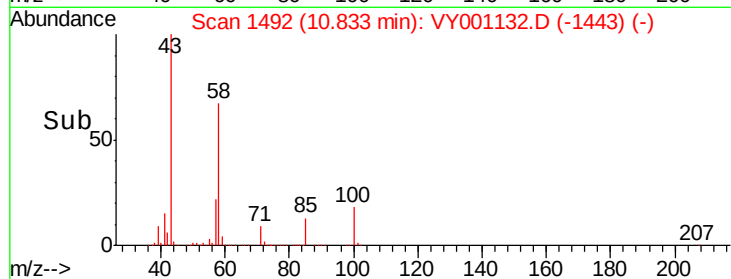
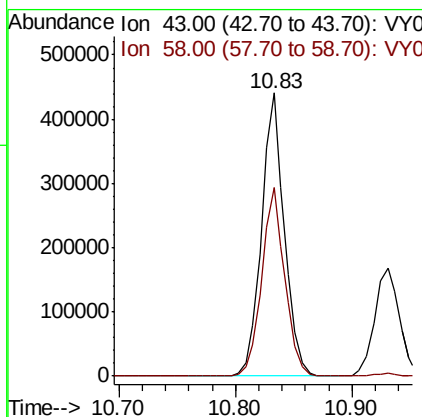
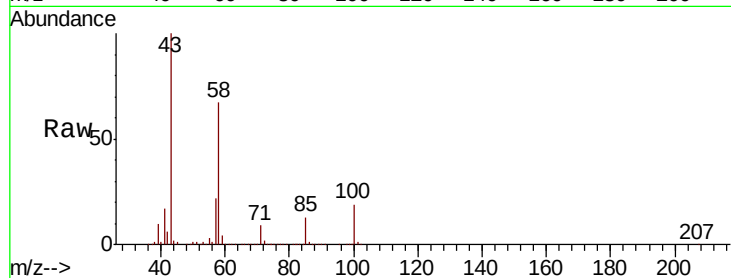
#59
2-Hexanone
Concen: 434.052 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	600781
Ion Ratio	100	Lower	Upper
43	100		
58	67.1	34.4	103.3

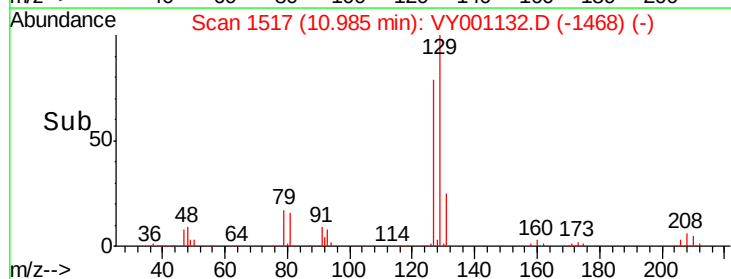
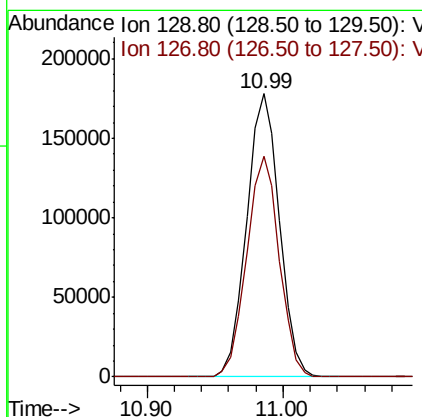
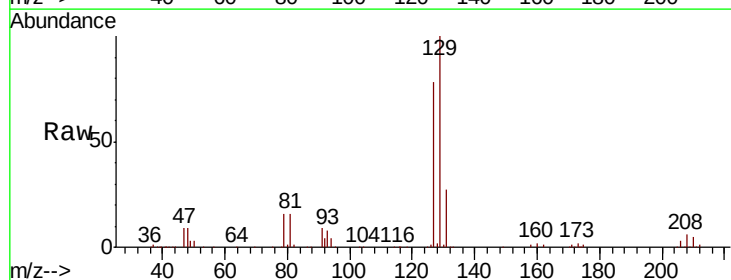
Manual Integrations
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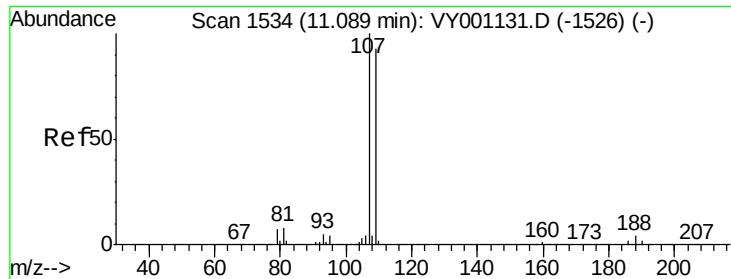
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#60
Dibromochloromethane
Concen: 83.879 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	129	Resp	299745
Ion Ratio	100	Lower	Upper
129	100		
127	77.6	38.5	115.5





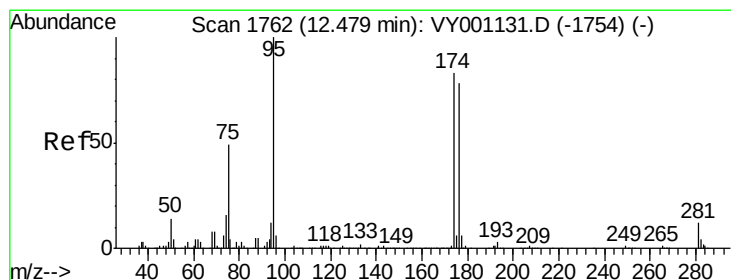
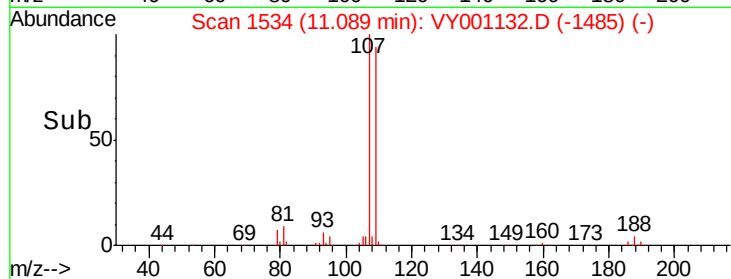
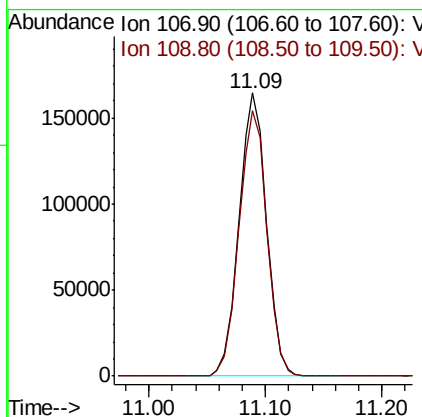
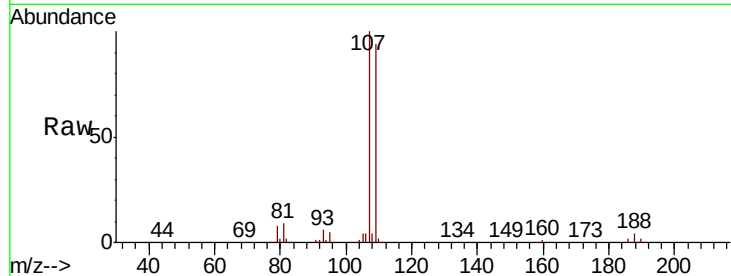
#61
1,2-Dibromoethane
Concen: 89.412 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.2

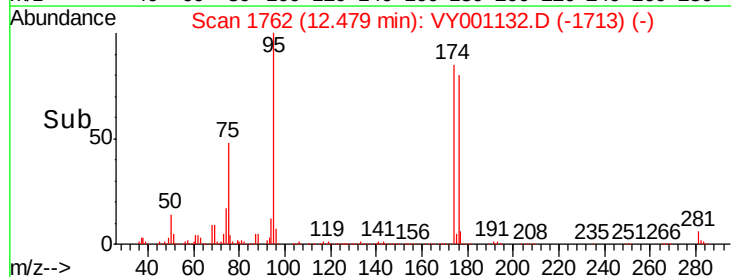
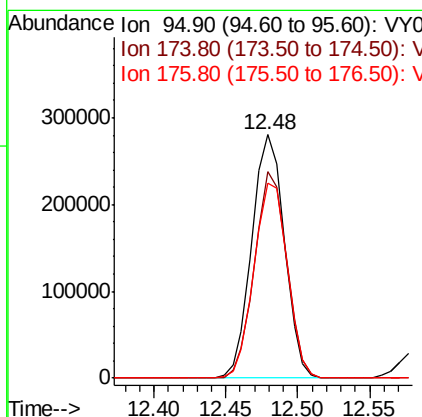
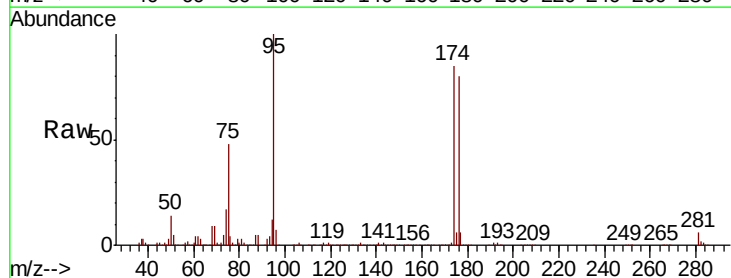
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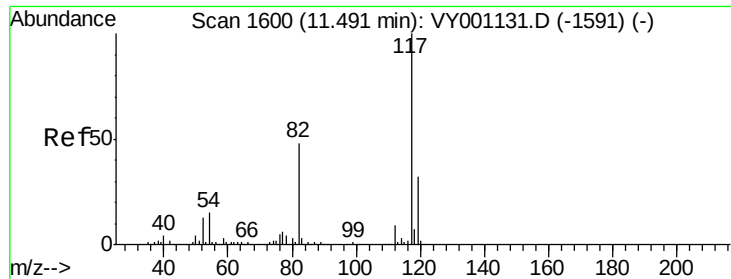
apatel
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#62
4-Bromofluorobenzene
Concen: 87.447 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	171.8
176	82.4	0.0	163.6





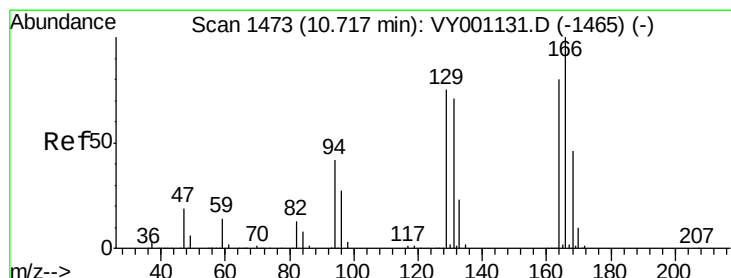
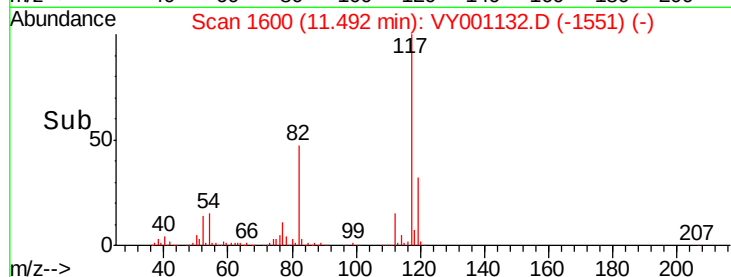
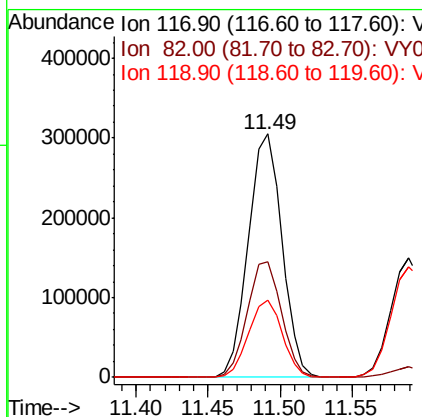
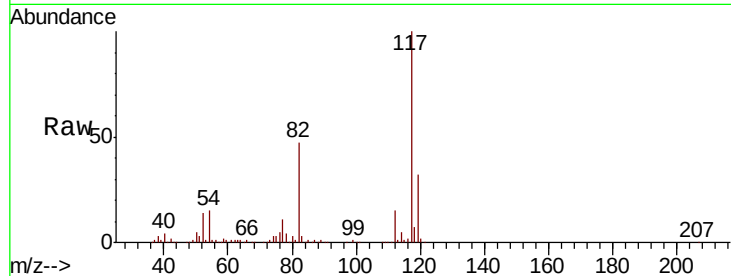
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.5	38.5	57.7
119	31.9	25.9	38.9

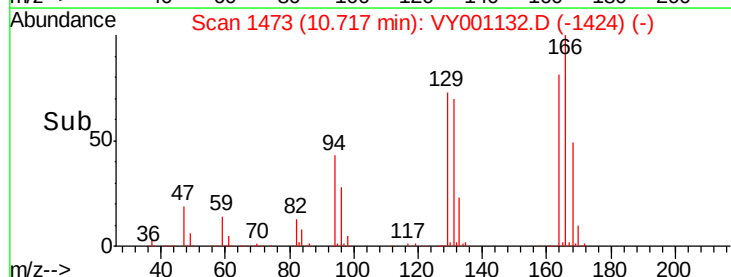
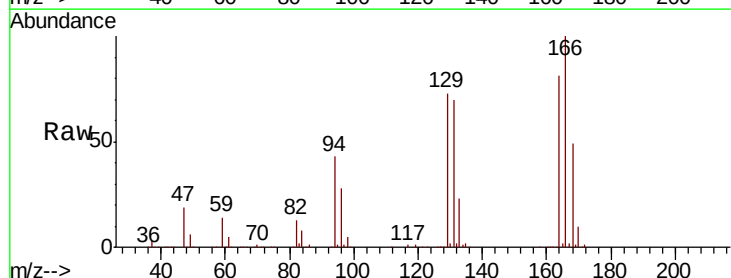
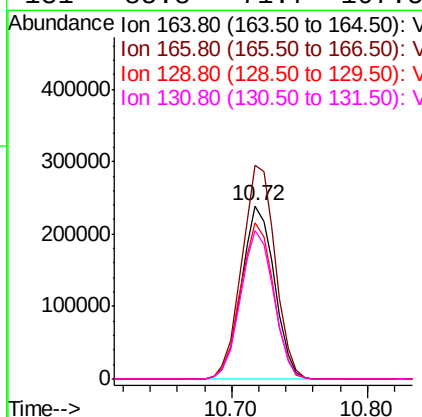
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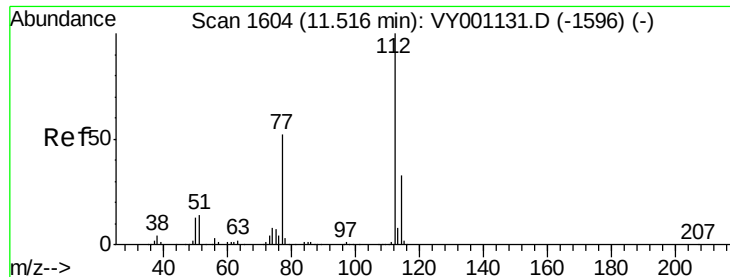
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#64
Tetrachloroethene
Concen: 82.161 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	100.6	151.0
129	90.5	75.0	112.4
131	85.8	71.7	107.5





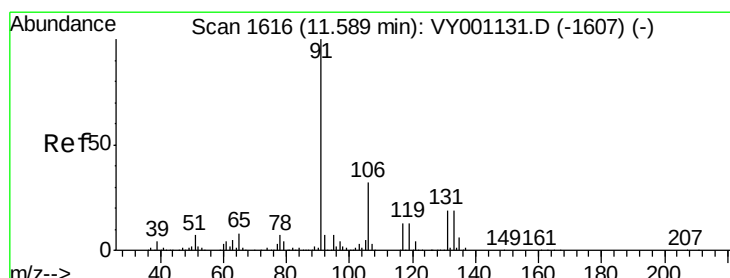
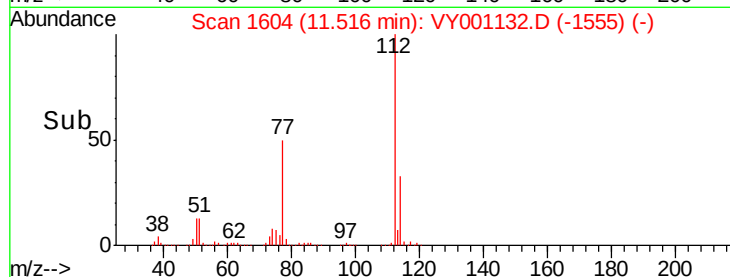
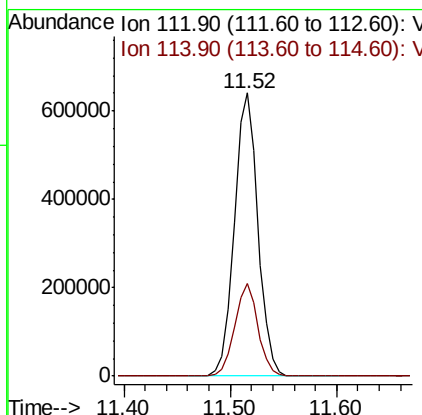
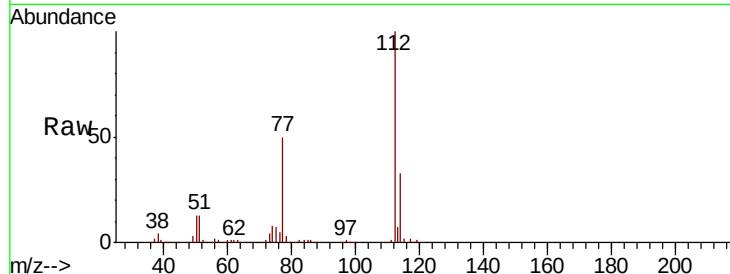
#65
Chlorobenzene
Concen: 91.410 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
112	100	991733		
114	32.6	26.5	39.7	

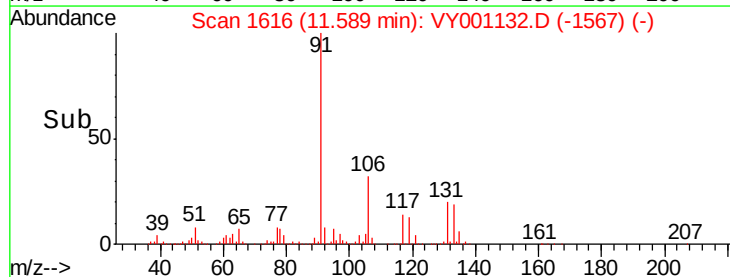
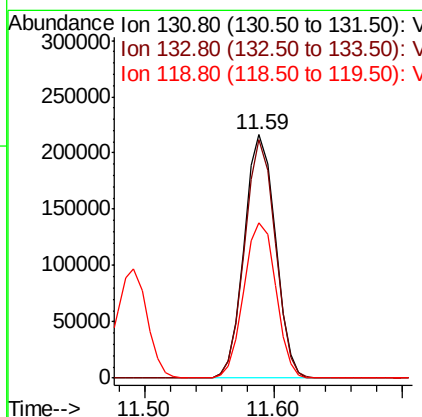
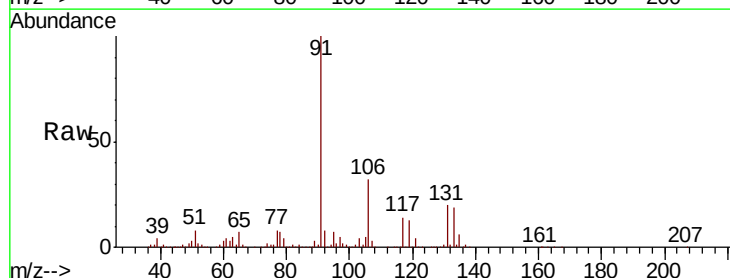
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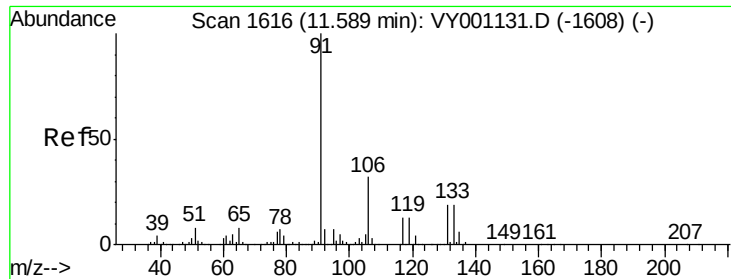
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#66
1,1,1,2-Tetrachloroethane
Concen: 94.799 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	360851		
133	96.4	47.3	141.8	
119	65.8	33.1	99.3	





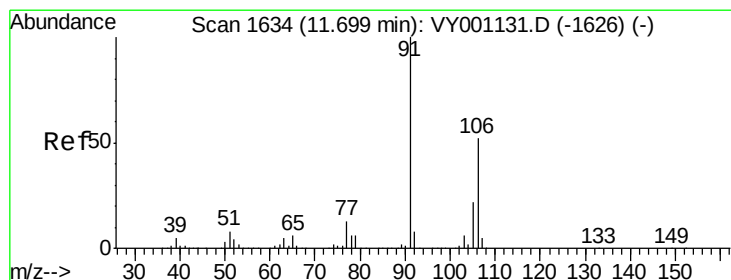
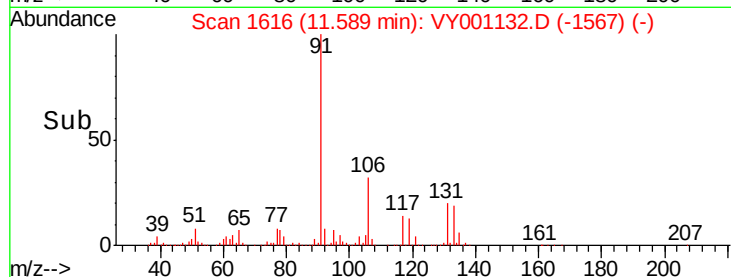
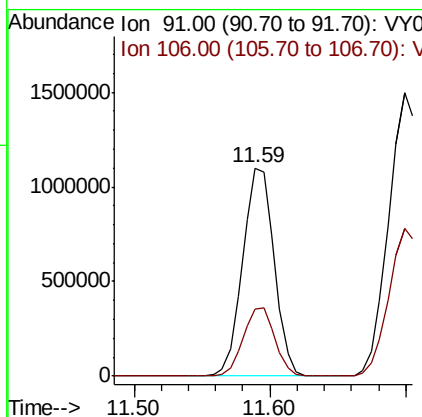
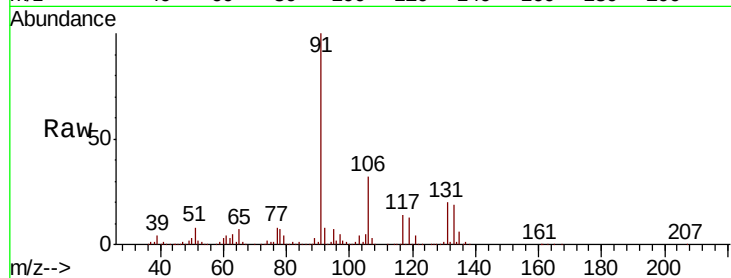
#67
Ethyl Benzene
Concen: 94.508 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1779509
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9

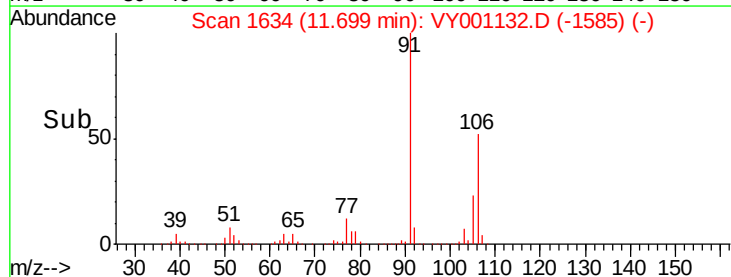
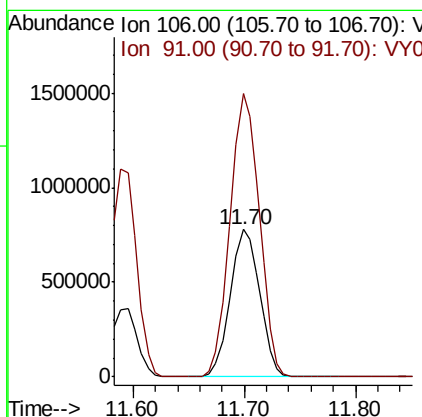
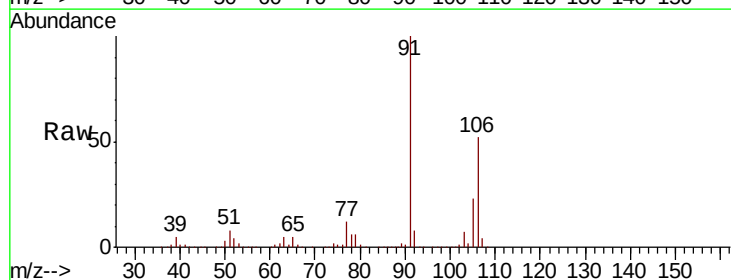
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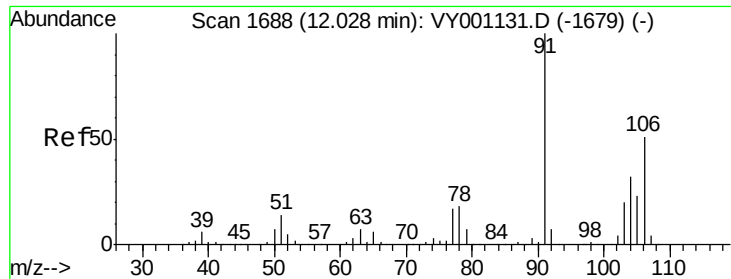
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#68
m/p-Xylenes
Concen: 191.391 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion: 106 Resp: 1427151
Ion Ratio Lower Upper
106 100
91 190.9 154.3 231.5





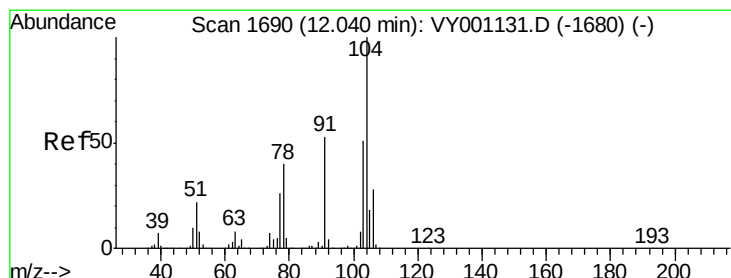
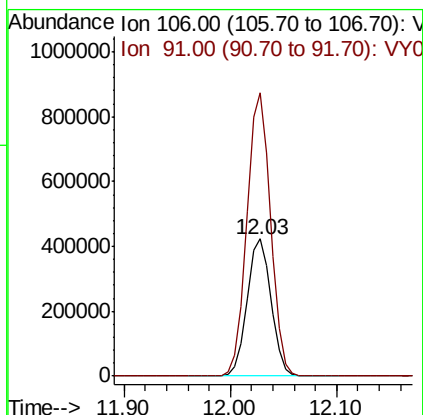
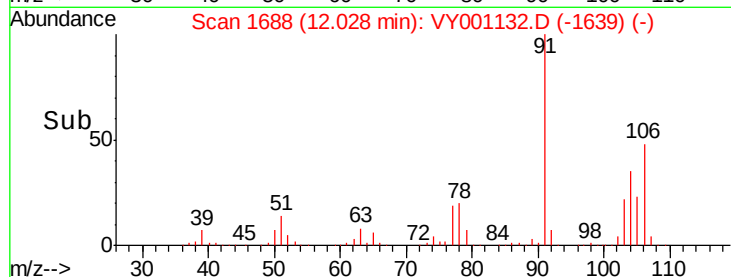
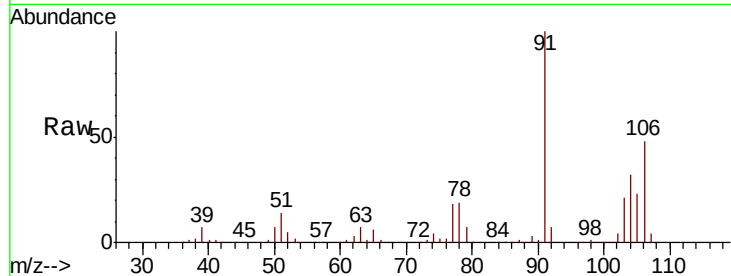
#69
o-Xylene
Concen: 94.011 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 669423
Ion Ratio Lower Upper
106 100
91 203.9 100.8 302.4

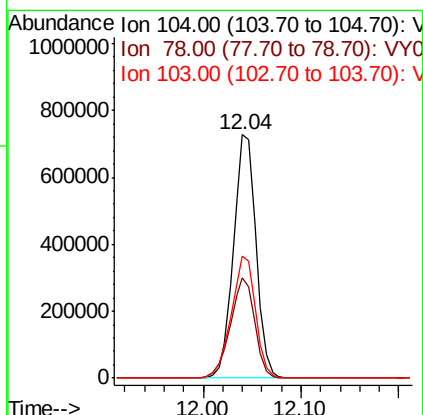
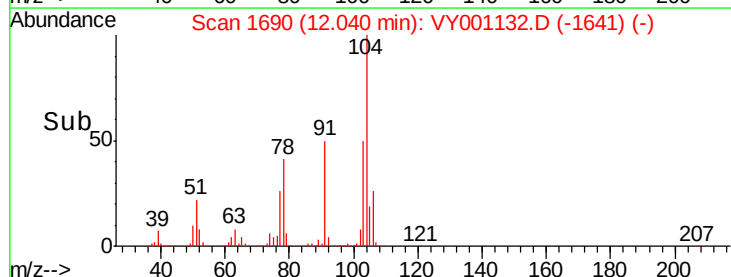
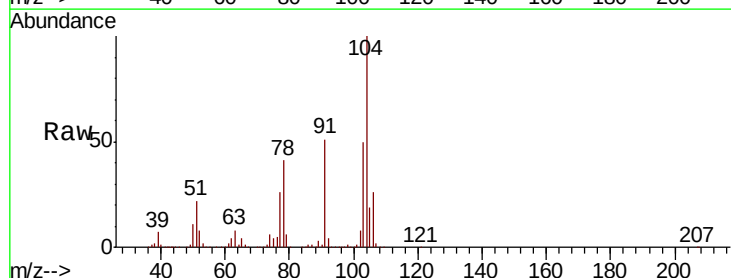
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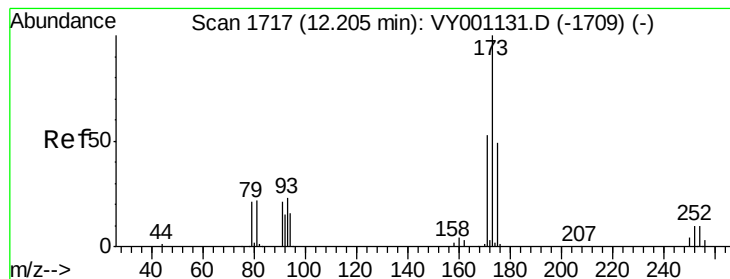
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#70
Styrene
Concen: 96.733 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion:104 Resp: 1158779
Ion Ratio Lower Upper
104 100
78 44.3 34.7 52.1
103 53.5 42.6 64.0





#71

Bromoform

Concen: 104.425 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

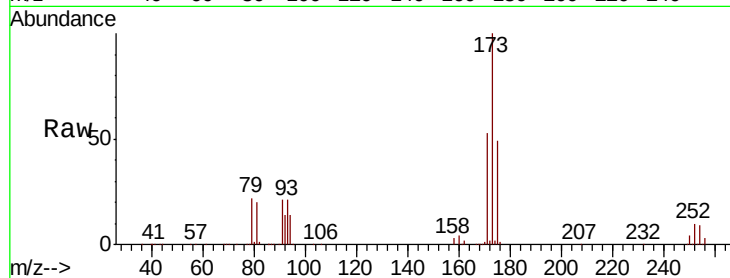
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.4	73.2
254	0.1	0.1	0.1

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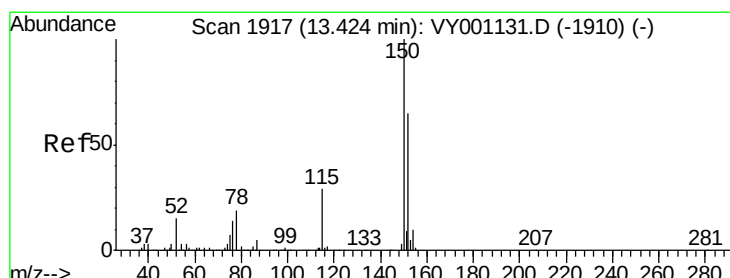
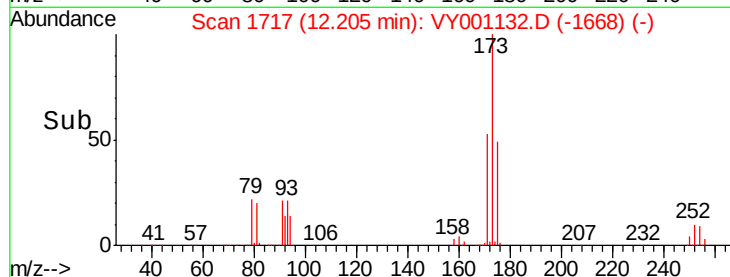
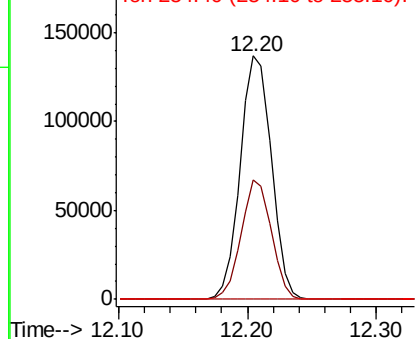


Abundance

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: VY001132.D

Acq: 02 Jan 2020 12:08

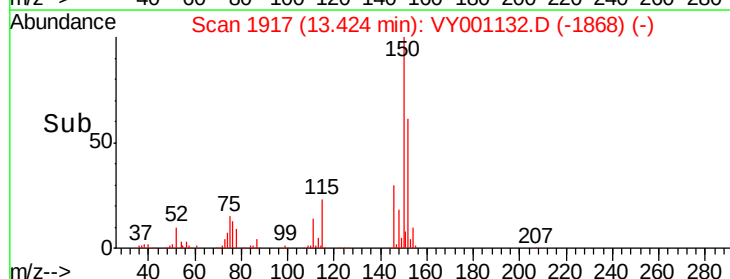
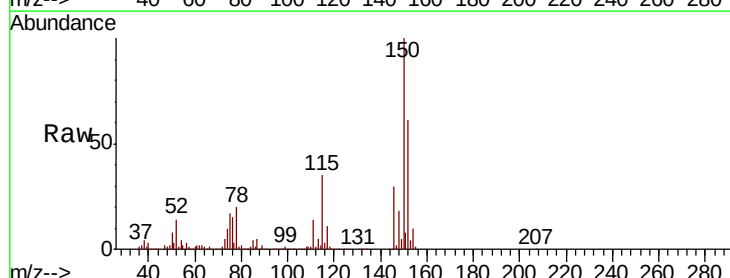
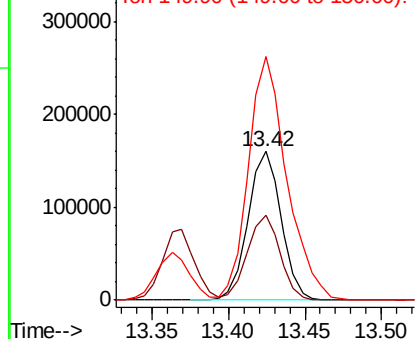
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.7	83.0
150	189.8	0.0	342.6

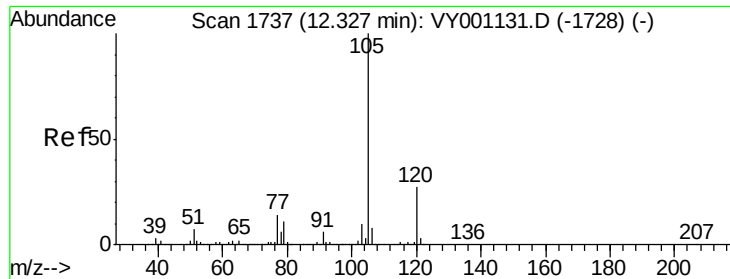
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 95.205 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1756456

Ion Ratio Lower Upper

105 100

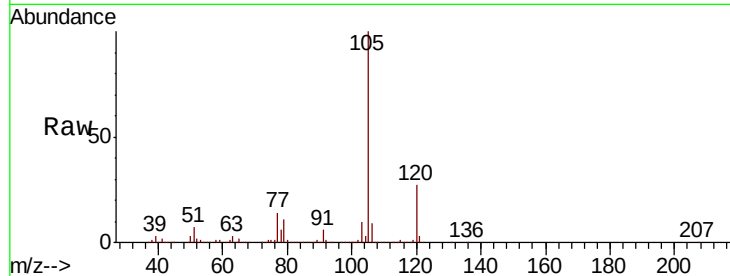
120 28.0 13.9 41.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

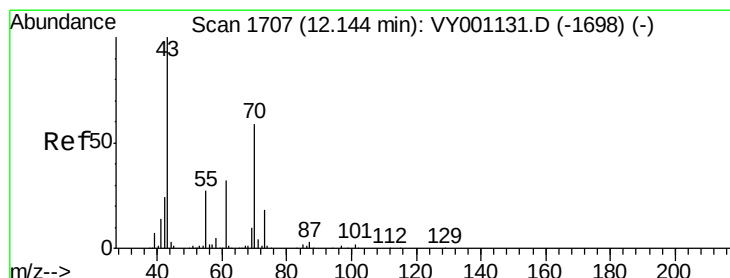
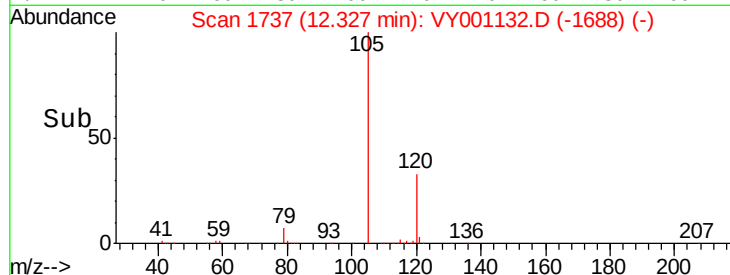
12.33

1000000

500000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 107.210 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion: 43 Resp: 361621

Ion Ratio Lower Upper

43 100

70 57.6 46.2 69.4

55 26.2 21.3 31.9

61 31.3 25.0 37.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

400000

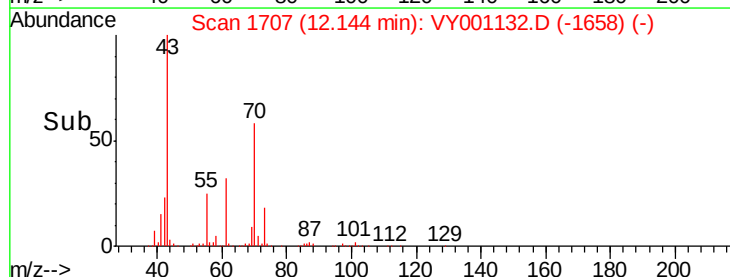
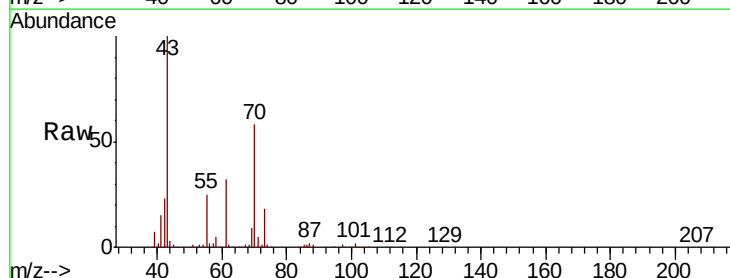
300000

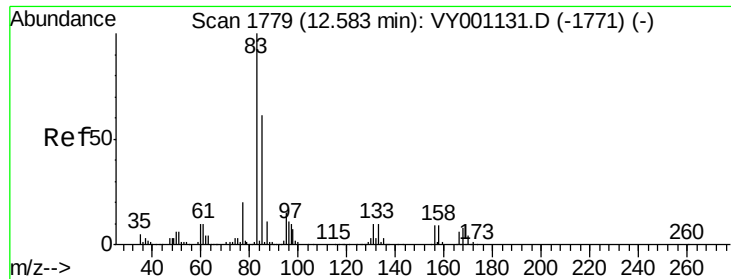
200000

100000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 103.870 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 83 Resp: 330288

Ion Ratio Lower Upper

83 100

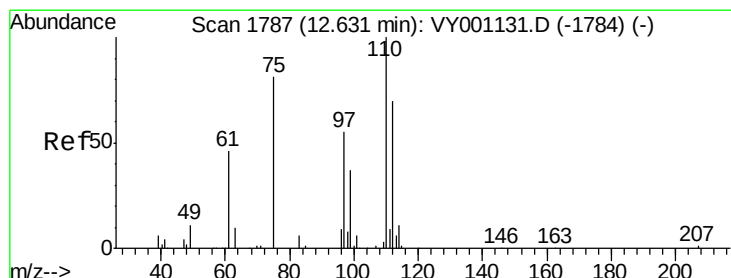
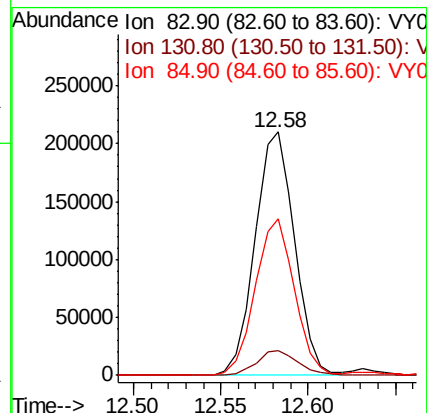
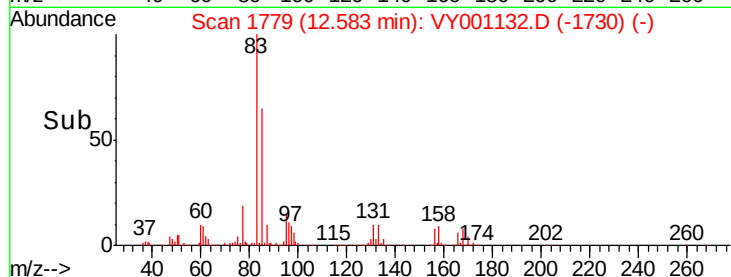
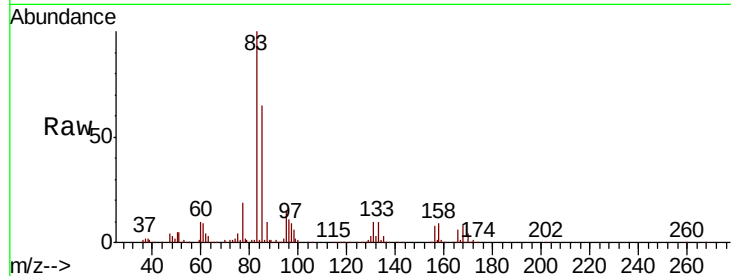
131 10.7 5.5 16.7

85 63.7 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 53.284 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001132.D

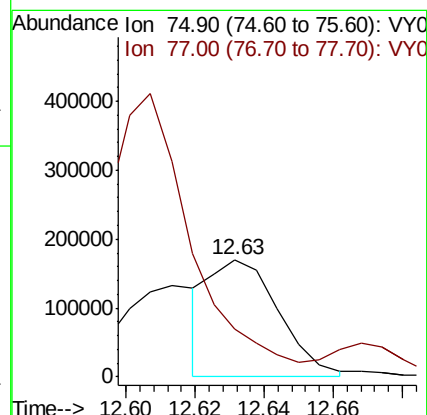
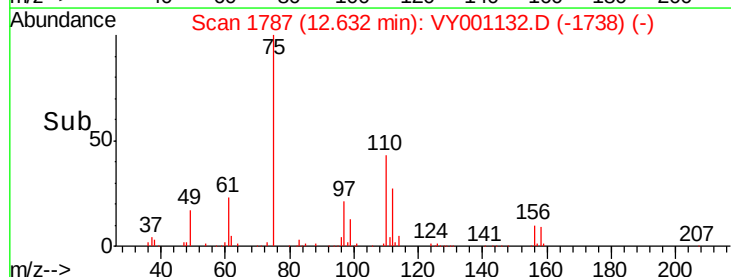
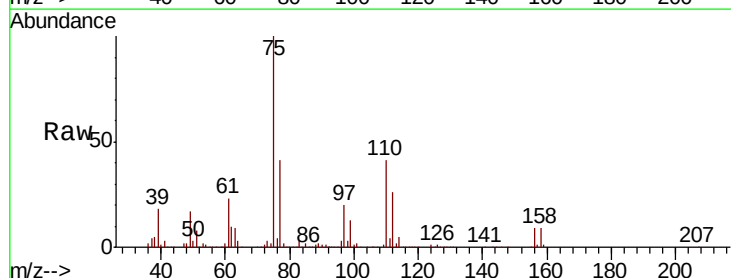
Acq: 02 Jan 2020 12:08

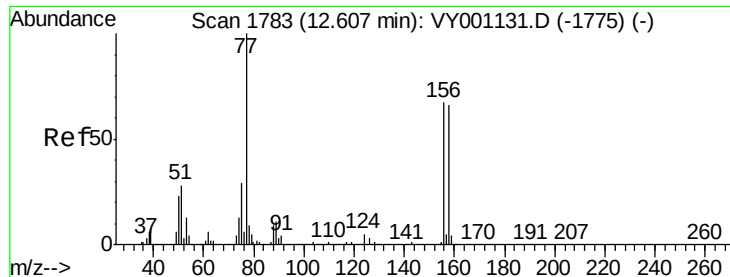
Tgt Ion: 75 Resp: 236480

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 95.496 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 426175

Ion Ratio Lower Upper

156 100

77 170.4 85.9 257.7

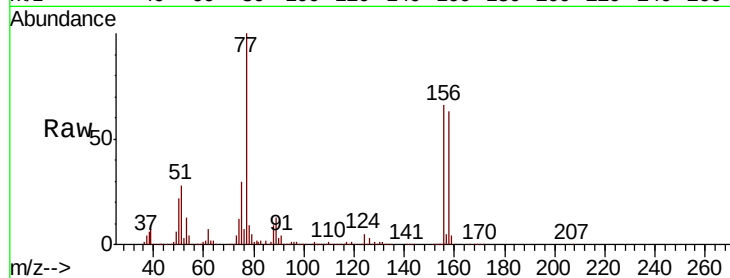
158 95.8 49.7 149.1

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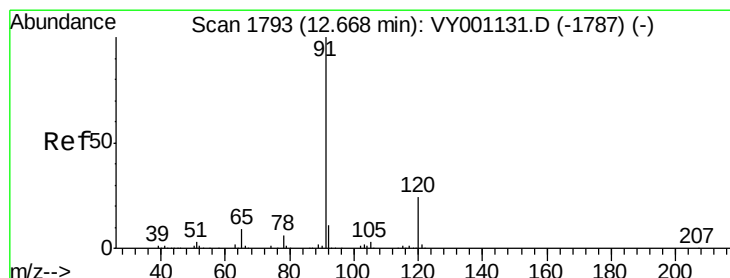
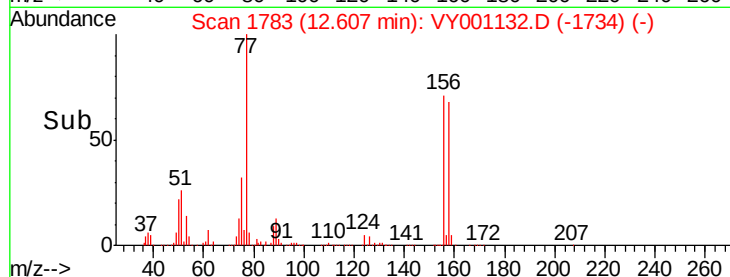
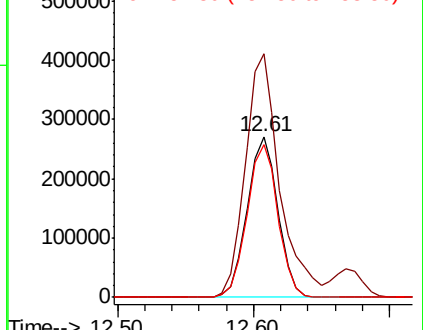
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.056 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001132.D

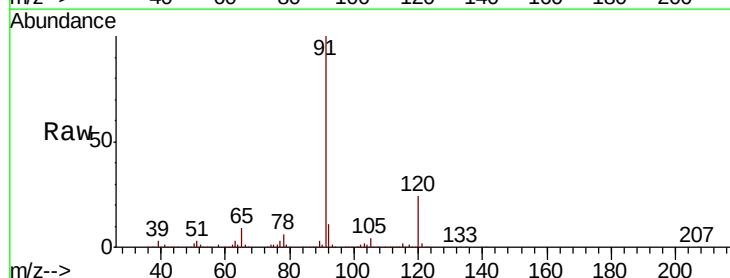
Acq: 02 Jan 2020 12:08

Tgt Ion: 91 Resp: 2093238

Ion Ratio Lower Upper

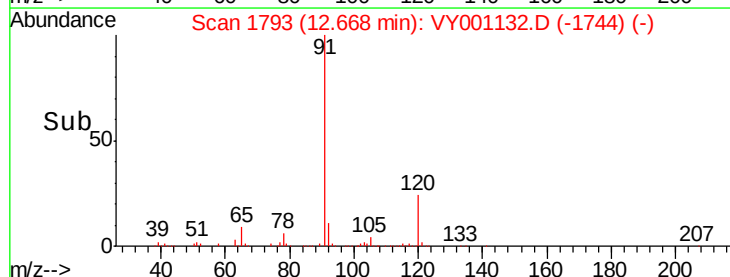
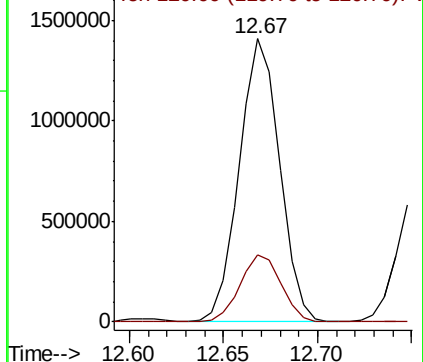
91 100

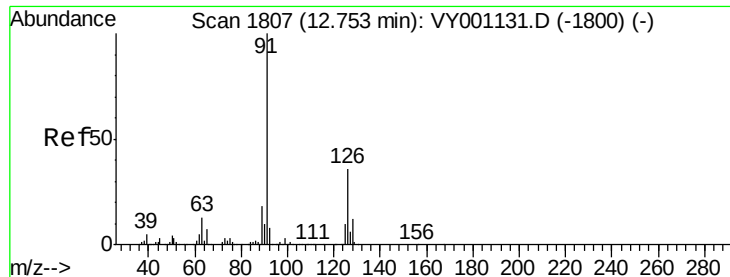
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.041 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1139883

Ion Ratio Lower Upper

91 100

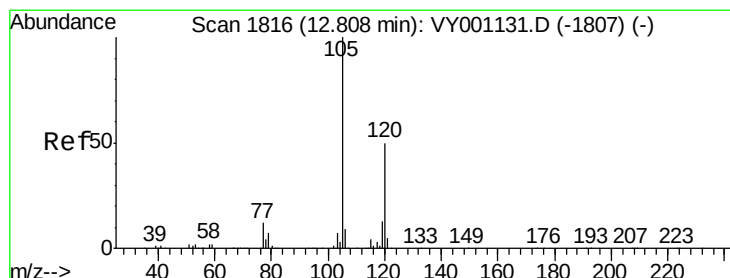
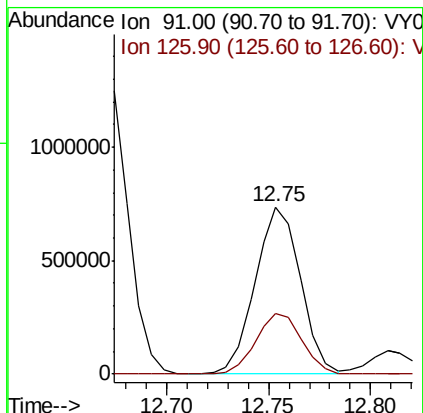
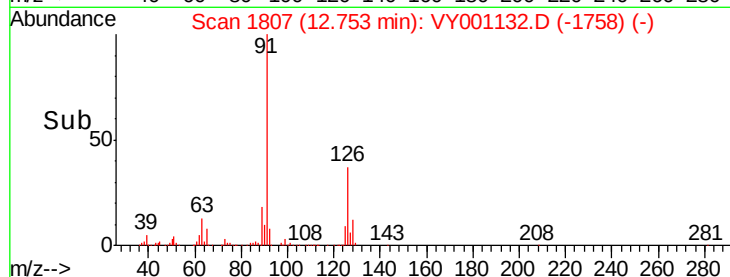
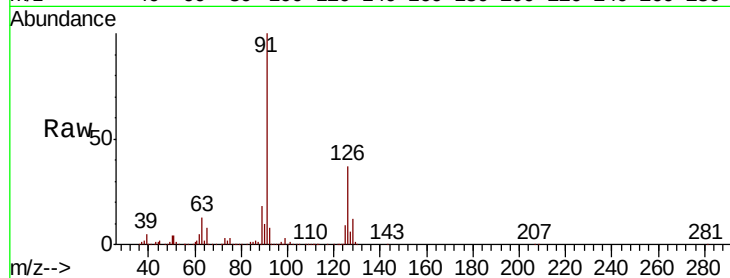
126 37.1 18.3 54.8

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#80

1,3,5-Trimethylbenzene

Concen: 92.816 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001132.D

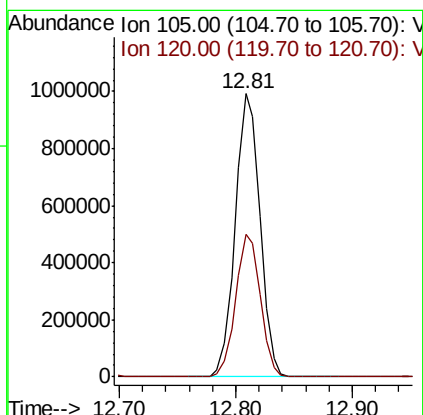
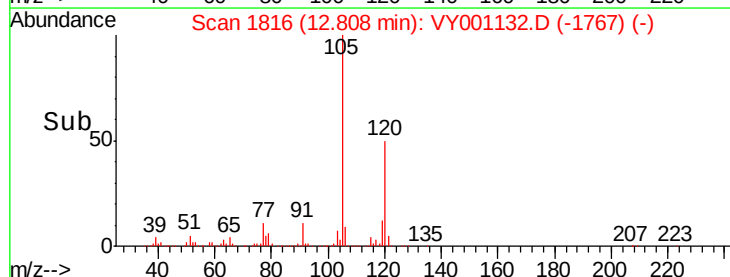
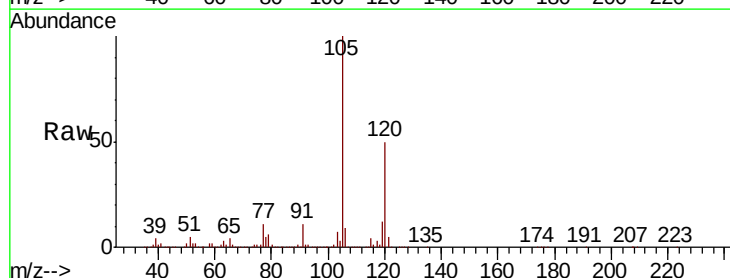
Acq: 02 Jan 2020 12:08

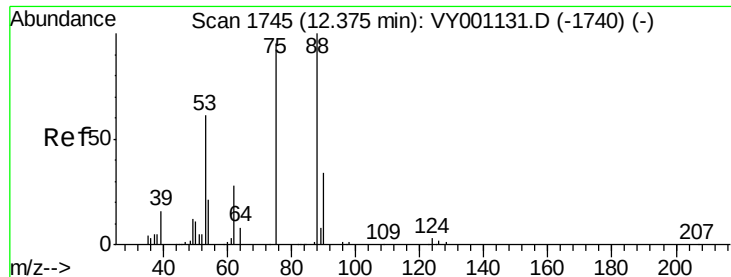
Tgt Ion: 105 Resp: 1468705

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 115.518 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

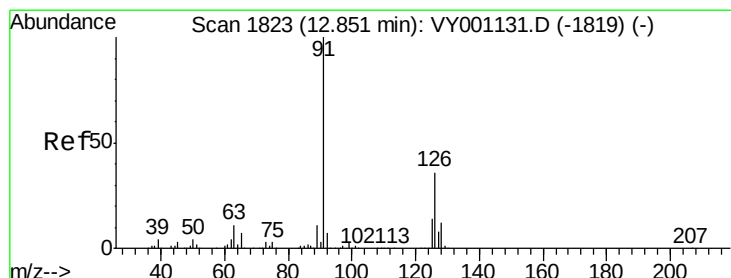
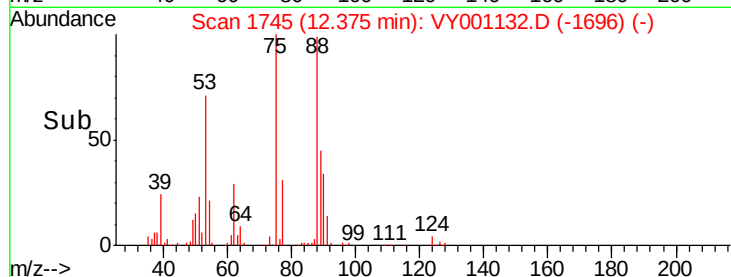
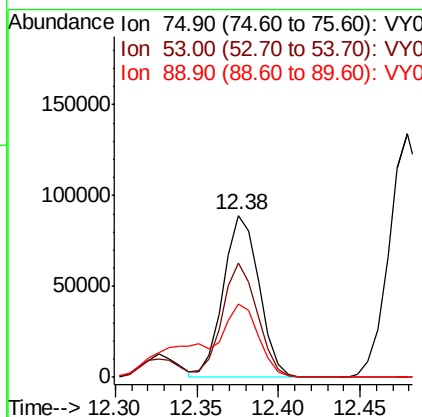
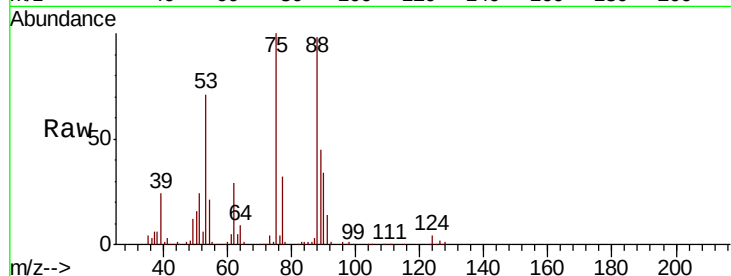
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	135634
Ion Ratio	Lower	Upper	
75	100		
53	69.1	55.6	83.4
89	76.2	34.7	52.1#

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#82

4-Chlorotoluene

Concen: 93.566 ug/l

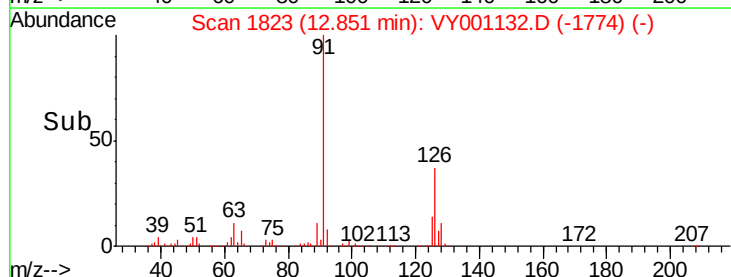
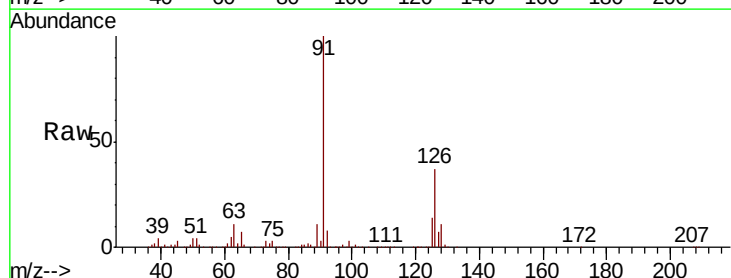
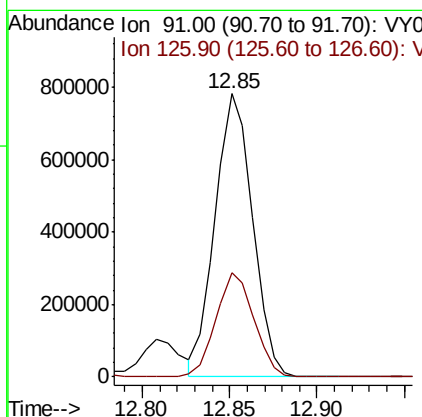
RT: 12.85 min Scan# 1823

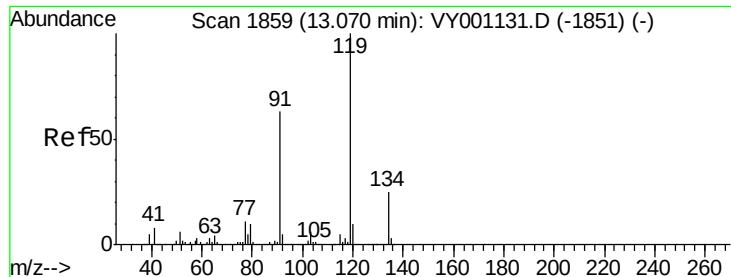
Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Tgt Ion:	91	Resp:	1167223
Ion Ratio	Lower	Upper	
91	100		
126	37.1	18.6	56.0





#83

tert-Butylbenzene

Concen: 93.818 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:119 Resp: 1257289

Ion Ratio Lower Upper

119 100

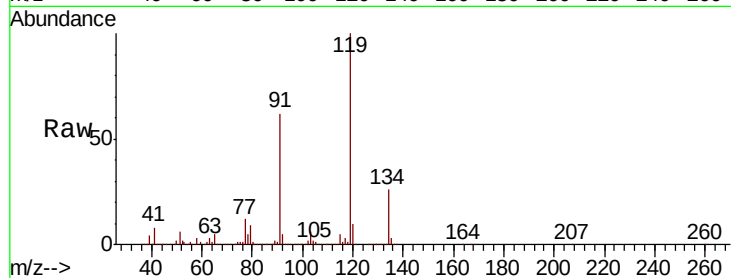
91 61.3 30.9 92.7

134 26.2 13.2 39.5

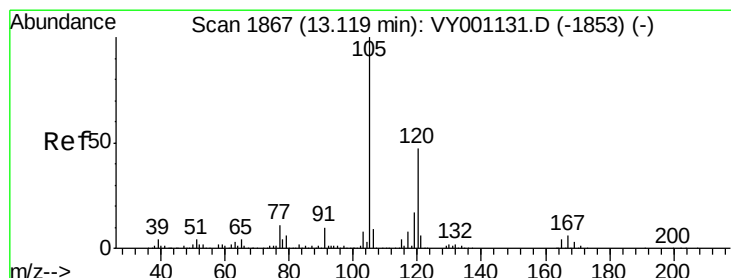
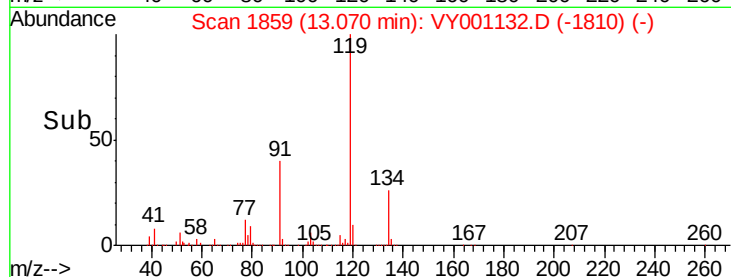
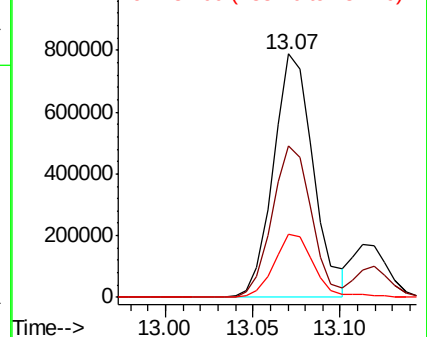
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 89.507 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY001132.D

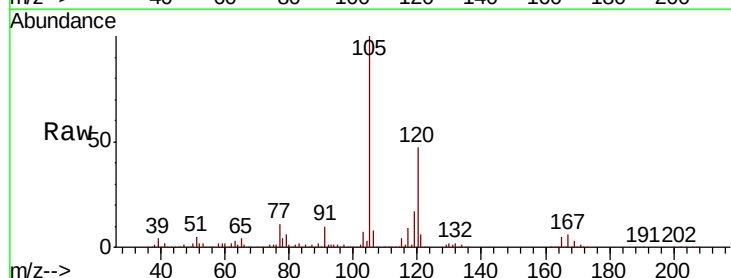
Acq: 02 Jan 2020 12:08

Tgt Ion:105 Resp: 1427981

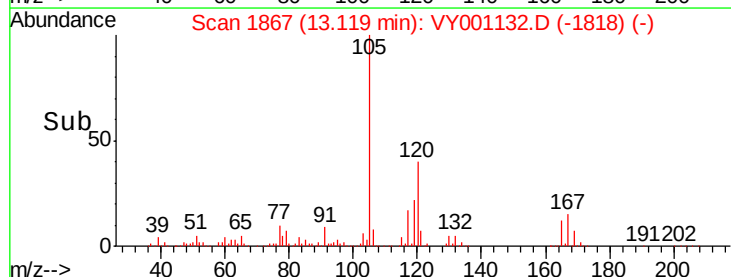
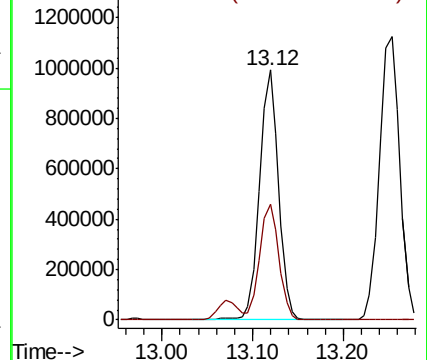
Ion Ratio Lower Upper

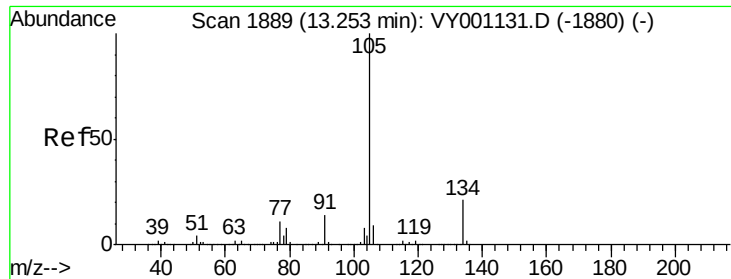
105 100

120 47.4 24.0 72.0



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





#85

sec-Butylbenzene

Concen: 92.732 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1745664

Ion Ratio Lower Upper

105 100

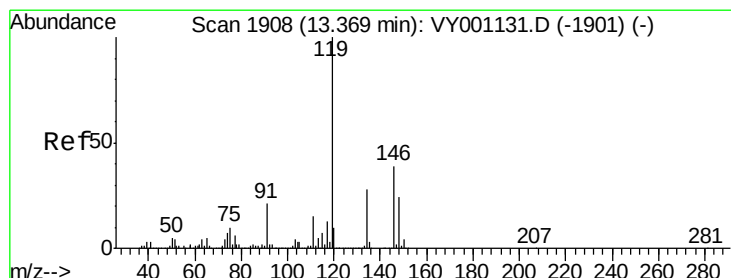
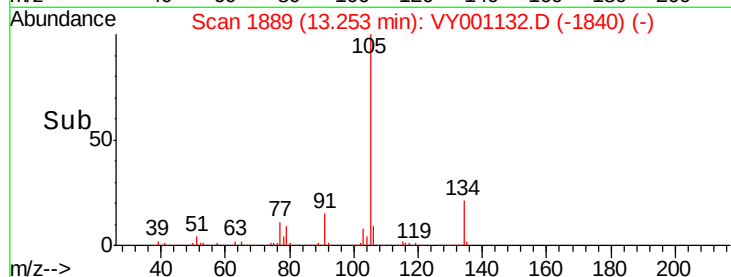
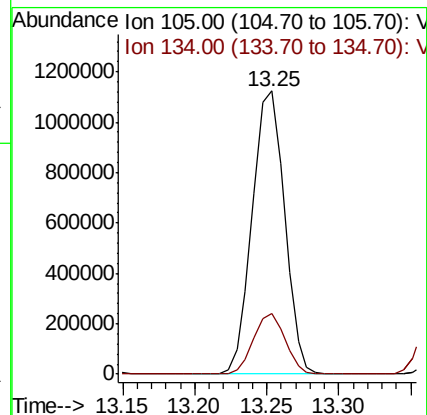
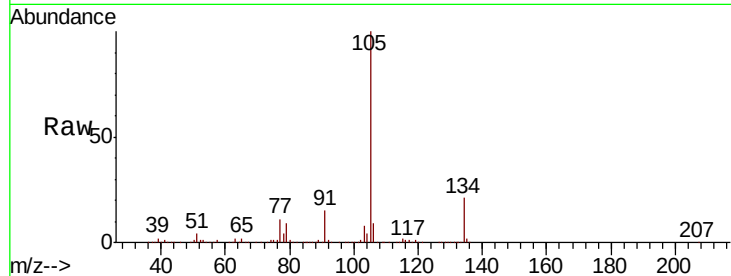
134 21.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 90.431 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001132.D

Acq: 02 Jan 2020 12:08

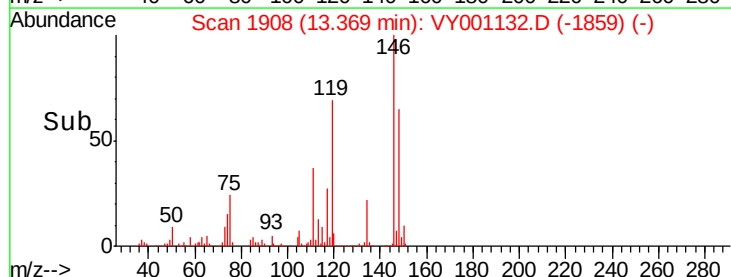
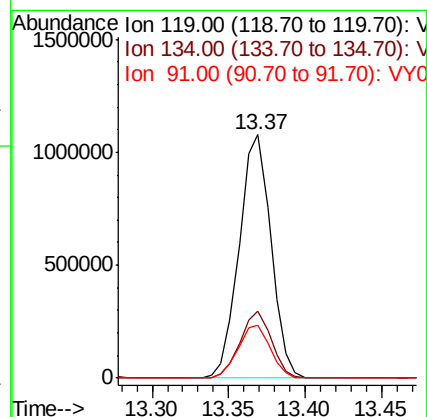
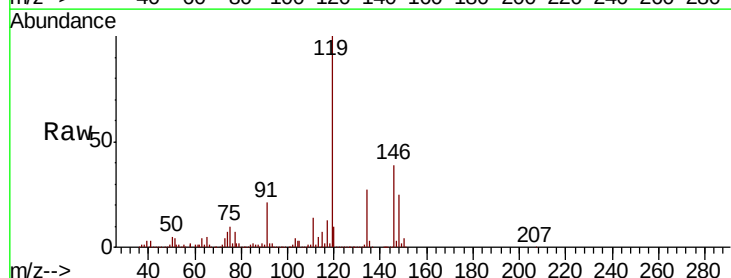
Tgt Ion:119 Resp: 1552368

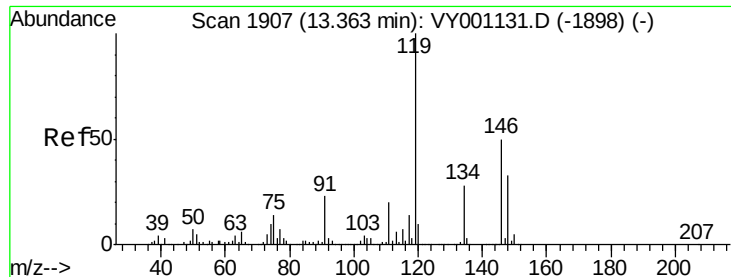
Ion Ratio Lower Upper

119 100

134 27.0 13.8 41.3

91 22.0 11.1 33.1





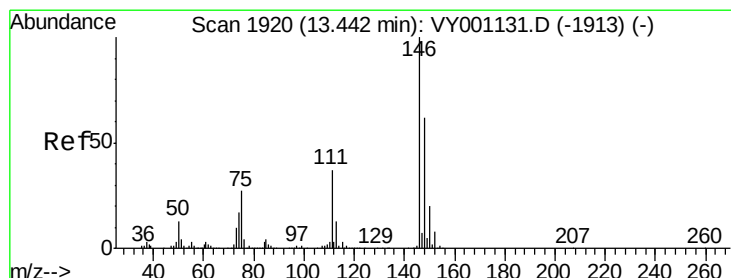
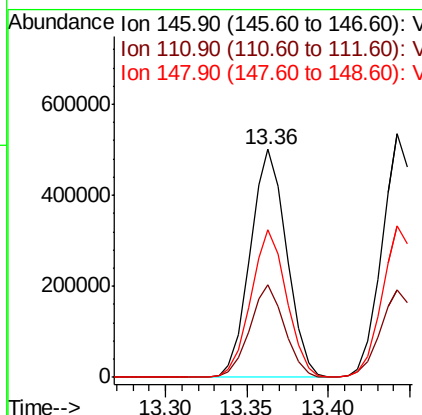
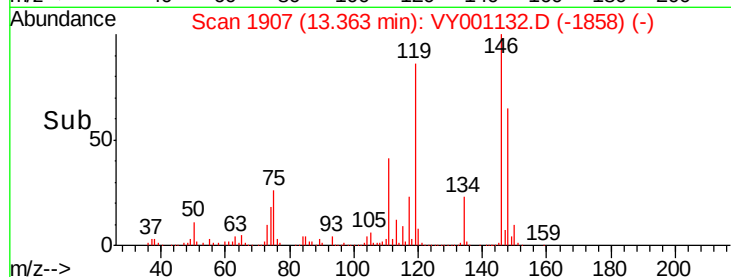
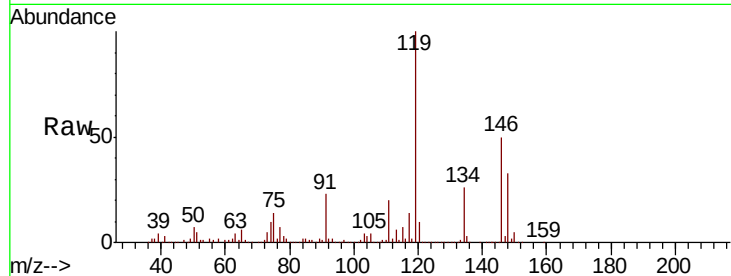
#87
 1,3-Dichlorobenzene
 Concen: 90.676 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.6	31.9	95.7

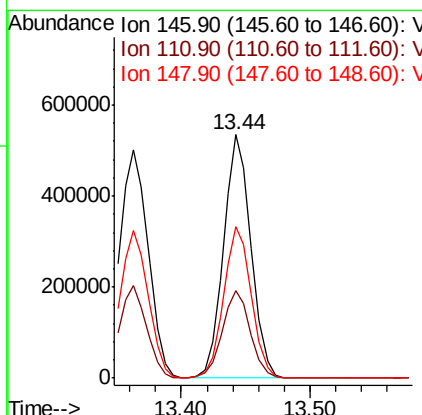
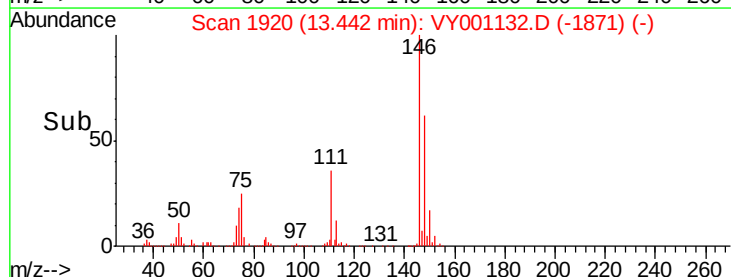
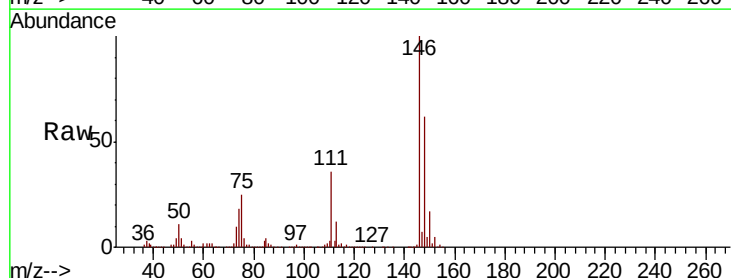
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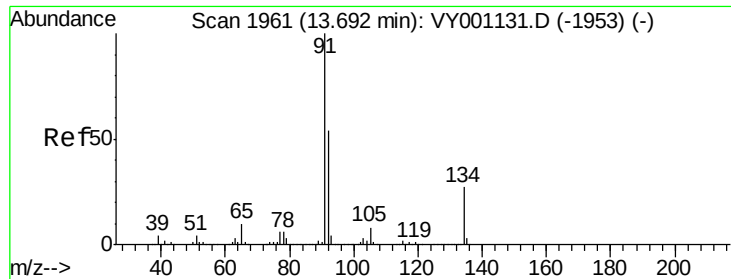
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#88
 1,4-Dichlorobenzene
 Concen: 93.613 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.3
148	62.6	32.0	96.0





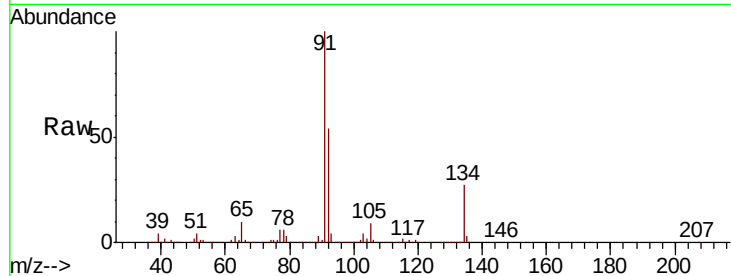
#89
n-Butylbenzene
Concen: 92.149 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

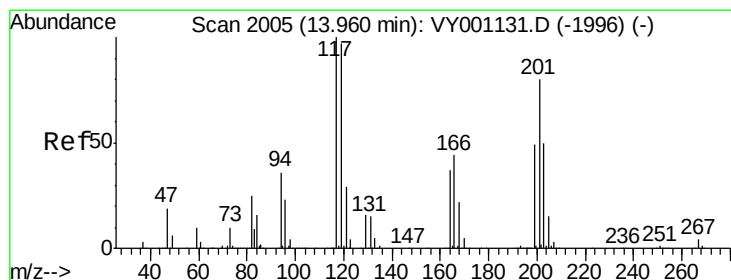
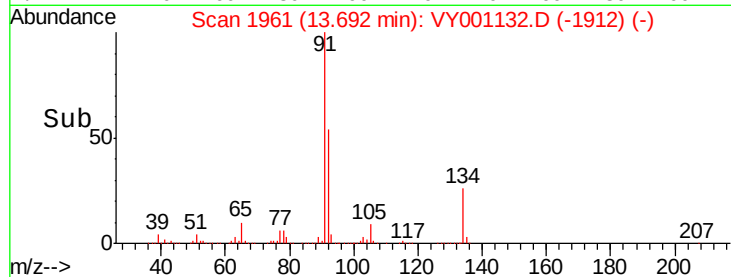
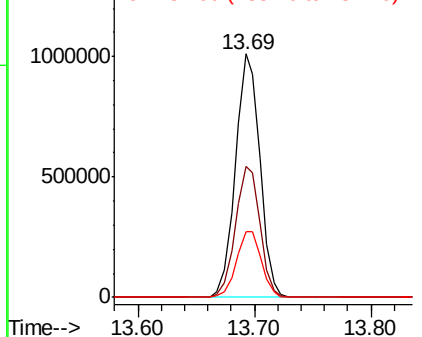
Tot Ion: 91 Resp: 1471998
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.5
134 27.6 14.1 42.4

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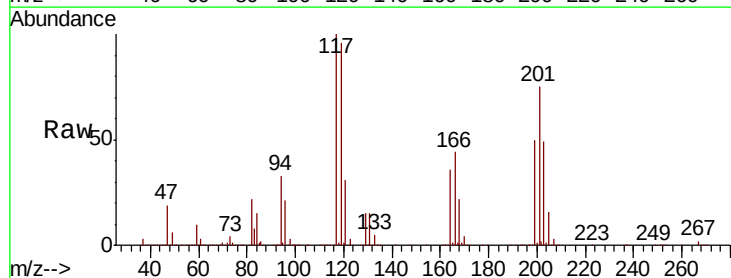


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

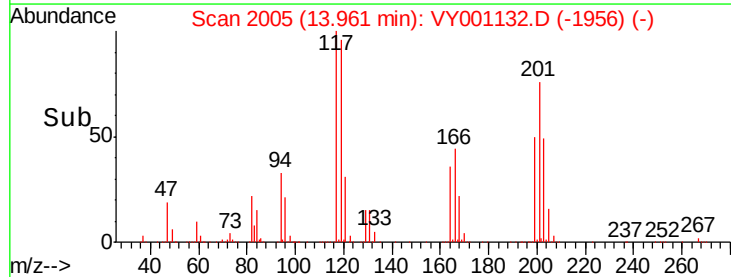
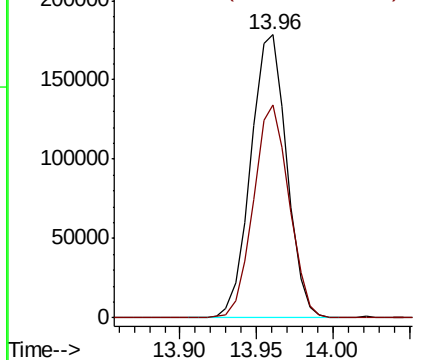


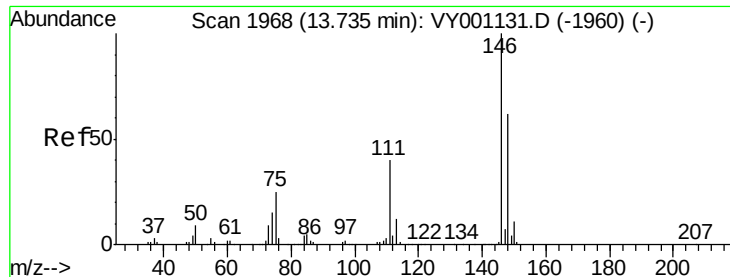
#90
Hexachloroethane
Concen: 93.750 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion: 117 Resp: 292069
Ion Ratio Lower Upper
117 100
201 74.5 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





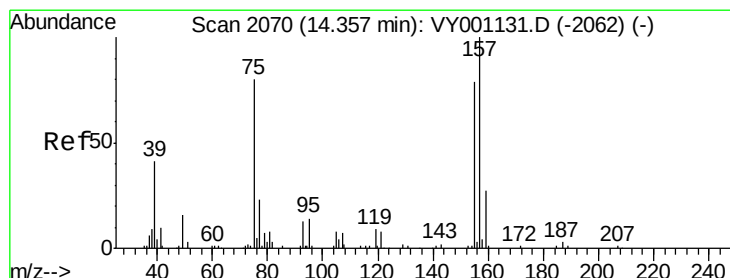
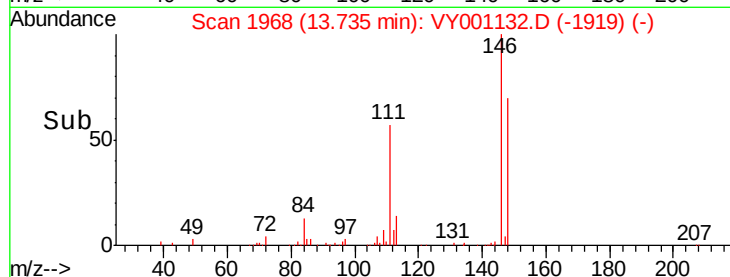
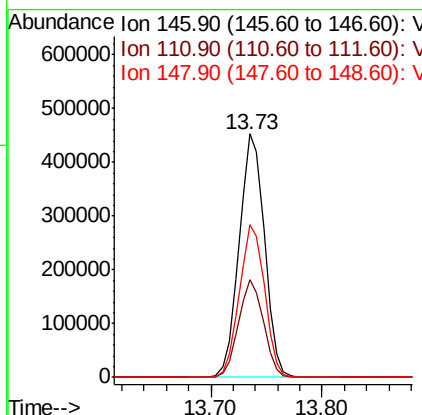
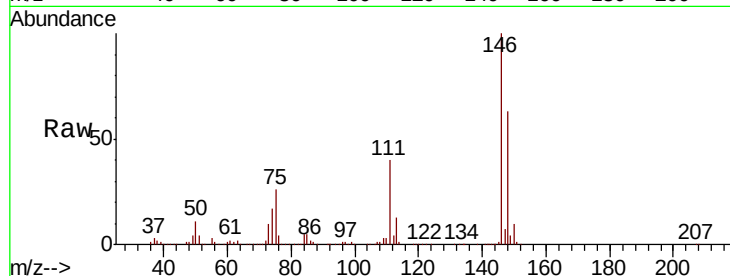
#91
 1,2-Dichlorobenzene
 Concen: 91.317 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.3
148	62.6	31.9	95.5

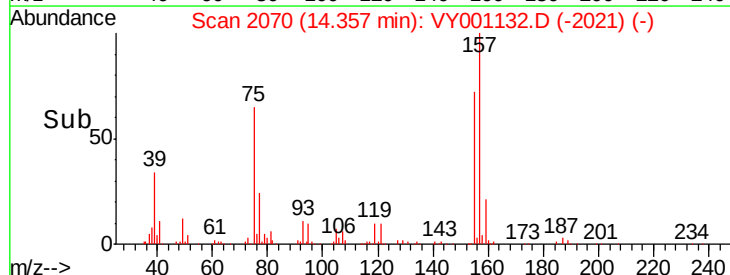
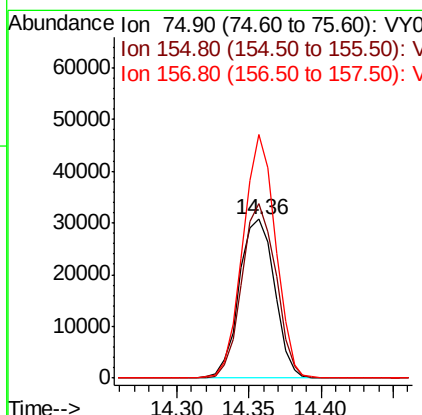
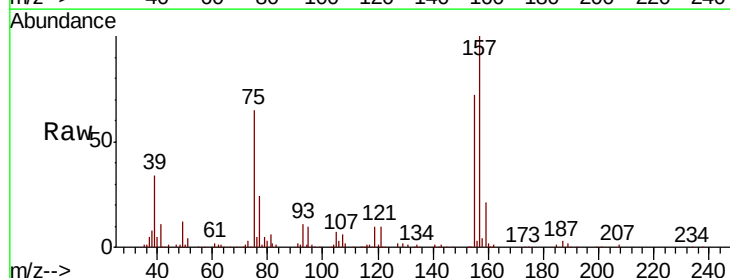
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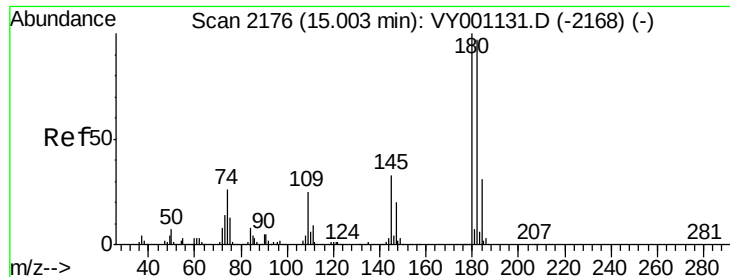
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.079 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.2	50.4	151.3
157	140.8	64.0	192.0





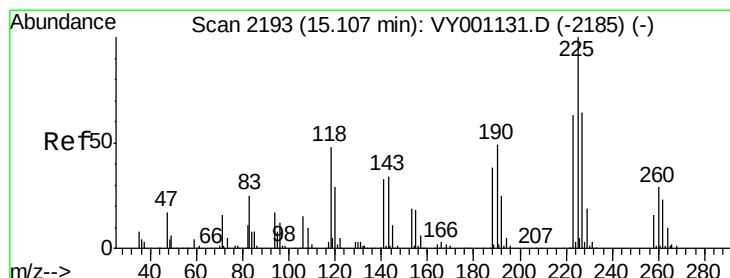
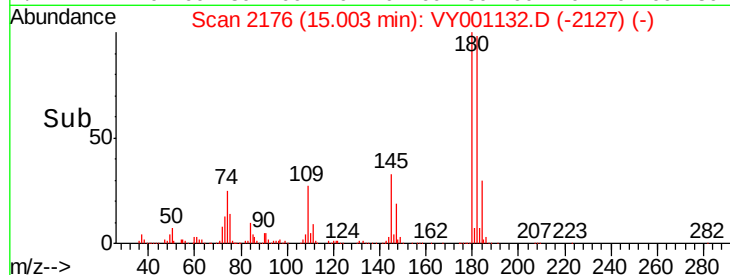
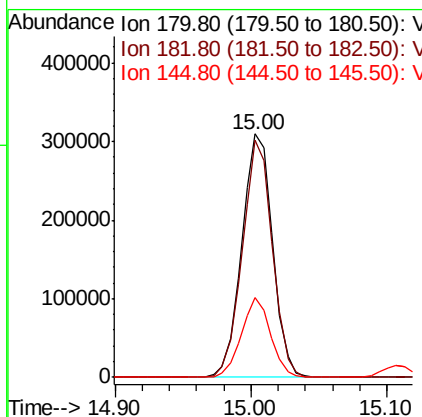
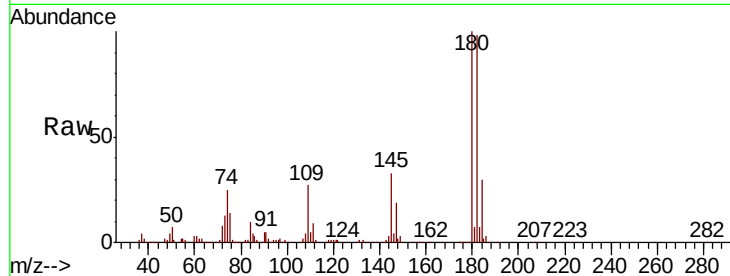
#93
 1,2,4-Trichlorobenzene
 Concen: 90.795 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	487354
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.6	145.8
145	31.1	16.1	48.3

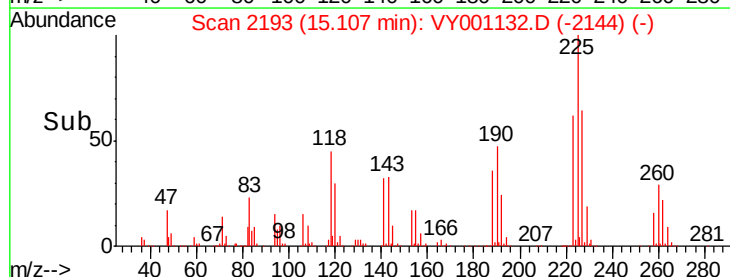
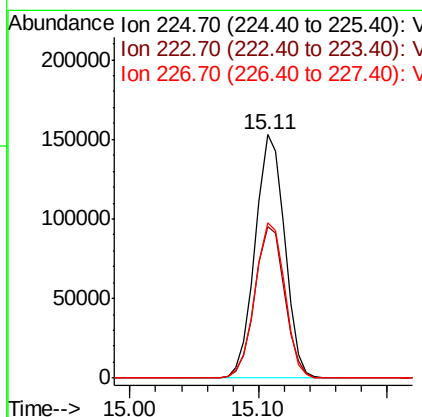
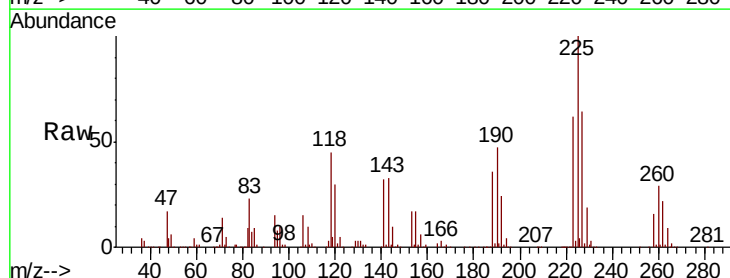
Manual Integrations
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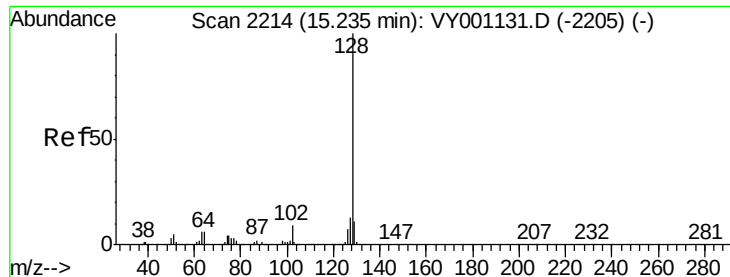
apatel
 1/3/2020 11:12:18 AM



#94
 Hexachlorobutadiene
 Concen: 87.588 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001132.D
 Acq: 02 Jan 2020 12:08

Tgt Ion:	225	Resp:	241693
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.8	95.3
227	64.3	32.6	97.7





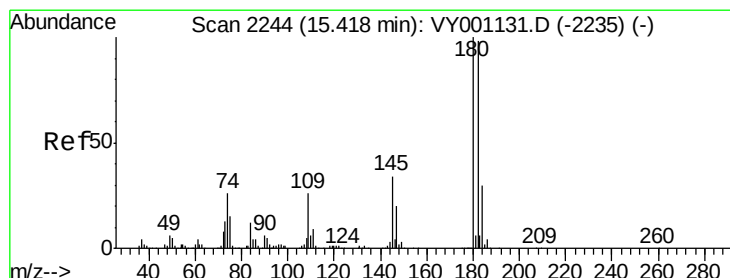
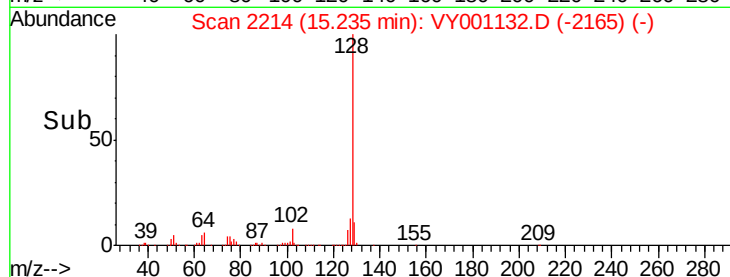
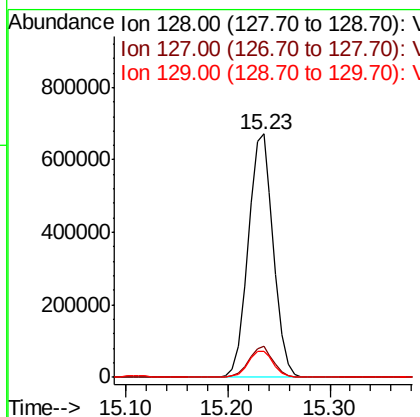
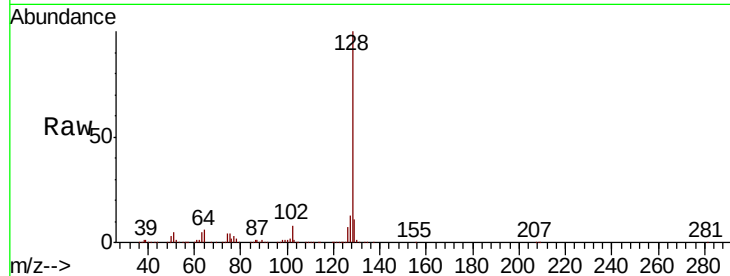
#95
Naphthalene
Concen: 94.842 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 93.639 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001132.D
Acq: 02 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	32.3	16.5	49.5

