

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001086.D
 Acq On : 26 Dec 2019 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/27/2019 11:05:08 AM

Quant Time: Dec 27 06:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	519642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	140924	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	144694	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.18	98	590439	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	191660	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	95793	38.092	ug/l	99
3) Chloromethane	2.12	50	125713	36.730	ug/l	98
4) Vinyl Chloride	2.26	62	126188	37.965	ug/l	98
5) Bromomethane	2.65	94	86560	40.669	ug/l	94
6) Chloroethane	2.80	64	86476	41.772	ug/l	95
7) Trichlorofluoromethane	3.13	101	196450	40.296	ug/l	99
8) Diethyl Ether	3.54	74	97439	48.964	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	137601	42.968	ug/l	97
10) Methyl Iodide	4.10	142	187884	42.464	ug/l	100
11) Tert butyl alcohol	4.97	59	76975	245.954	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	138008	42.567	ug/l	99
13) Acrolein	3.74	56	87864	226.586	ug/l	100
14) Allyl chloride	4.49	41	221969	44.071	ug/l	99
15) Acrylonitrile	5.18	53	259996	261.417	ug/l	99
16) Acetone	3.96	43	168144	256.426	ug/l	100
17) Carbon Disulfide	4.20	76	364169	34.374	ug/l	98
18) Methyl Acetate	4.49	43	124892	49.645	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	421933	50.422	ug/l	96
20) Methylene Chloride	4.72	84	183256	47.481	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	161522	44.953	ug/l	96
22) Diisopropyl ether	6.13	45	500925	49.205	ug/l	97
23) Vinyl Acetate	6.08	43	1555629	241.957	ug/l	100
24) 1,1-Dichloroethane	6.03	63	286630	47.644	ug/l	99
25) 2-Butanone	7.00	43	294160	255.361	ug/l	97
26) 2,2-Dichloropropane	7.00	77	208420	42.167	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	192812	48.844	ug/l	97
28) Bromochloromethane	7.35	49	123757	52.722	ug/l	97
29) Tetrahydrofuran	7.36	42	199886	243.941	ug/l	98
30) Chloroform	7.52	83	284903	50.082	ug/l	99
31) Cyclohexane	7.80	56	237499	37.542	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	218708	45.069	ug/l	98
36) 1,1-Dichloropropene	7.93	75	210703	42.503	ug/l	99
37) Ethyl Acetate	7.09	43	130585	47.573	ug/l	98
38) Carbon Tetrachloride	7.91	117	188169	43.323	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	264976	40.251	ug/l	99
40) Benzene	8.17	78	686871	45.927	ug/l	99
41) Methacrylonitrile	7.33	41	51122m	42.957	ug/l	
42) 1,2-Dichloroethane	8.25	62	171139	47.863	ug/l	100
43) Isopropyl Acetate	8.28	43	245845	48.382	ug/l	98
44) Trichloroethene	8.95	130	181809	46.138	ug/l	98
45) 1,2-Dichloropropane	9.22	63	181141	48.280	ug/l	99
46) Dibromomethane	9.32	93	93623	48.408	ug/l	97
47) Bromodichloromethane	9.50	83	218692	48.816	ug/l	99
48) Methyl methacrylate	9.30	41	101745	46.922	ug/l	92
49) 1,4-Dioxane	9.31	88	26942	952.289	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	646156	243.975	ug/l	98
52) Toluene	10.24	92	428891	46.593	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	233873	48.102	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	281856	48.210	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	145145	50.270	ug/l	96
56) Ethyl methacrylate	10.51	69	207896	50.591	ug/l	96
57) 1,3-Dichloropropane	10.79	76	249206	49.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	392691	247.416	ug/l	99
59) 2-Hexanone	10.83	43	435149	237.452	ug/l	97
60) Dibromochloromethane	10.99	129	156515	50.748	ug/l	99
61) 1,2-Dibromoethane	11.09	107	136086	49.288	ug/l	99
64) Tetrachloroethene	10.72	164	191581	47.409	ug/l	97
65) Chlorobenzene	11.52	112	458687	47.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	159053	49.750	ug/l	98
67) Ethyl Benzene	11.59	91	806591	46.288	ug/l	96
68) m/p-Xylenes	11.70	106	616772	93.219	ug/l	98
69) o-Xylene	12.03	106	293268	47.115	ug/l	99
70) Styrene	12.04	104	517358	48.882	ug/l	98
71) Bromoform	12.20	173	89774	50.430	ug/l #	99
73) Isopropylbenzene	12.33	105	756236	46.778	ug/l	99
74) N-amyl acetate	12.14	43	197899	46.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	161036	50.564	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	109674m	42.584	ug/l	
77) Bromobenzene	12.61	156	177544	48.831	ug/l	98
78) n-propylbenzene	12.67	91	912243	46.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	505035	46.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	617865	46.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59612	49.366	ug/l	94
82) 4-Chlorotoluene	12.85	91	518979	45.930	ug/l	98
83) tert-Butylbenzene	13.07	119	532344	47.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	614807	46.169	ug/l	99
85) sec-Butylbenzene	13.25	105	758919	46.278	ug/l	99
86) p-Isopropyltoluene	13.36	119	648814	45.724	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	332076	47.554	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	333041	47.277	ug/l	99
89) n-Butylbenzene	13.69	91	632323	44.291	ug/l	99
90) Hexachloroethane	13.95	117	126399	47.280	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	303032	47.043	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	24611	46.188	ug/l	98

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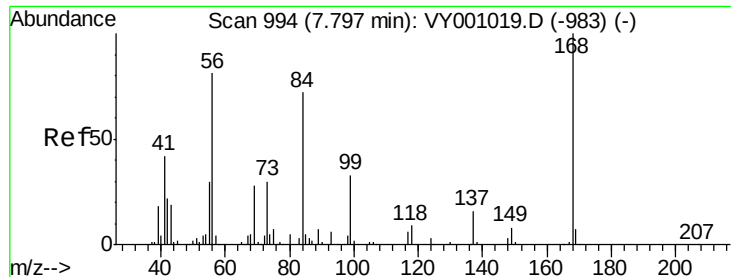
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	193266	44.450	ug/l	99
94) Hexachlorobutadiene	15.11	225	89274	43.148	ug/l	99
95) Naphthalene	15.23	128	473960	46.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	174778	45.076	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. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 288595

Ion Ratio Lower Upper

168 100

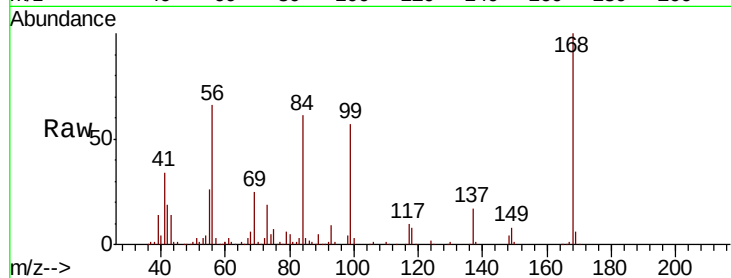
99 57.3 44.0 66.0

Manual Integrations

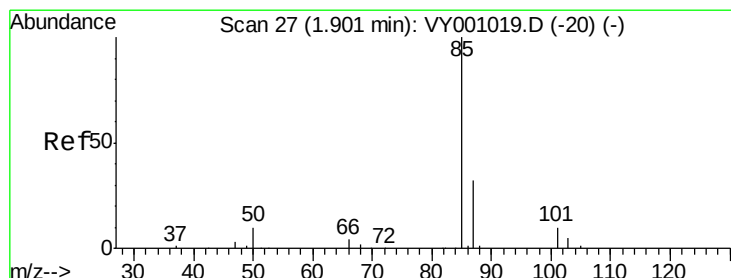
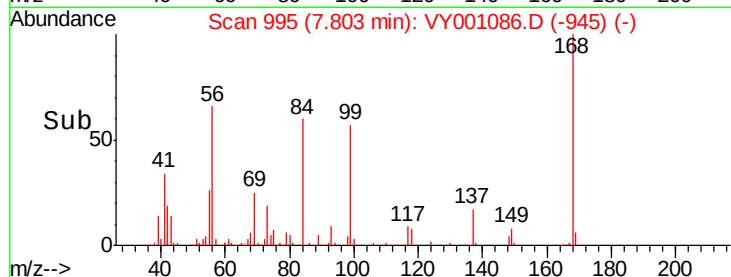
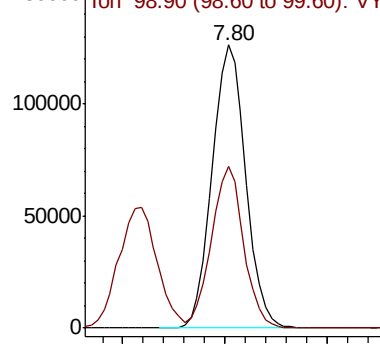
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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 38.092 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001086.D

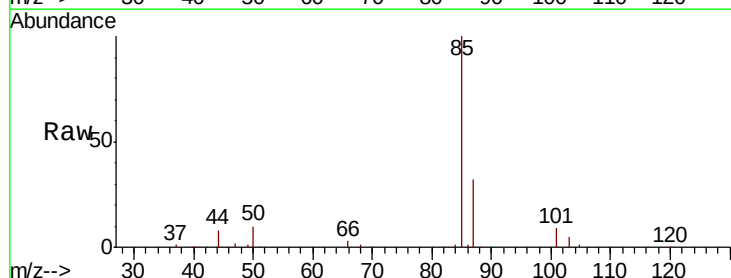
Acq: 26 Dec 2019 20:22

Tgt Ion: 85 Resp: 95793

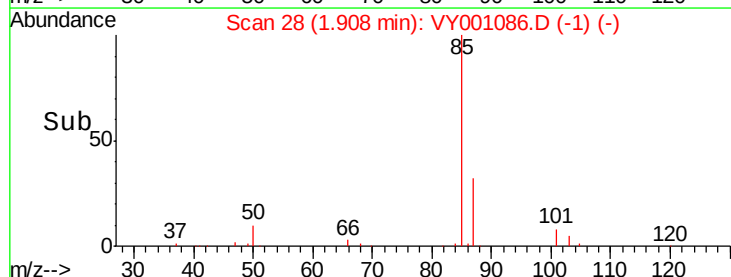
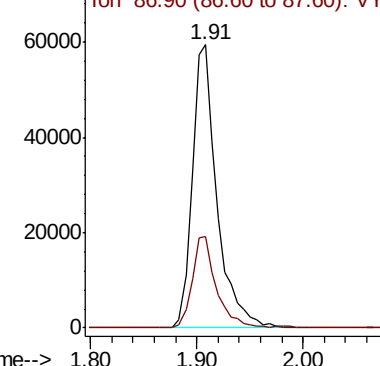
Ion Ratio Lower Upper

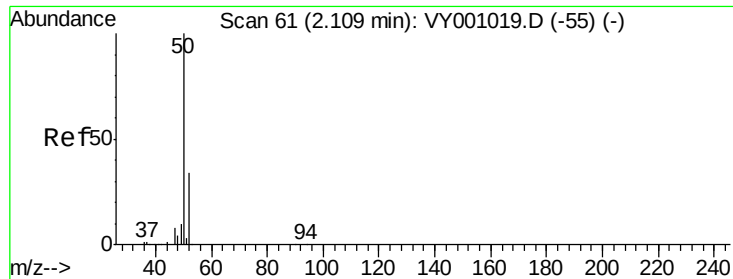
85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)





#3

Chloromethane

Concen: 36.730 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 125713

Ion Ratio Lower Upper

50 100

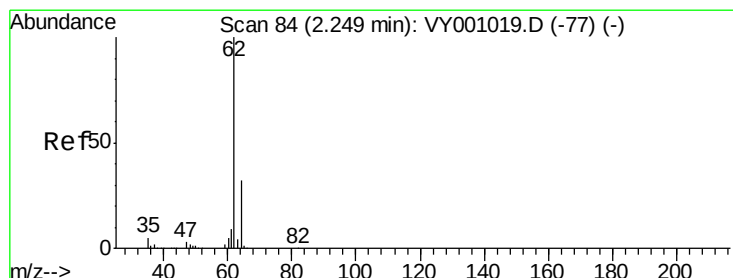
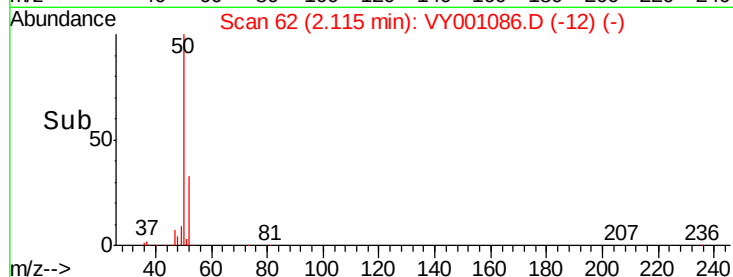
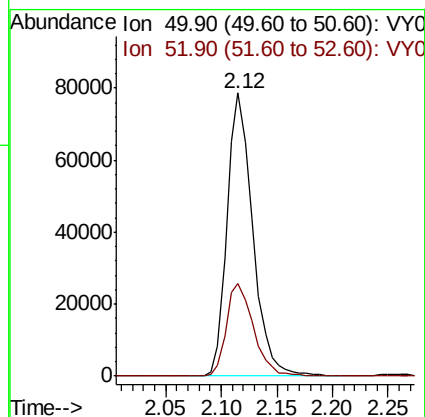
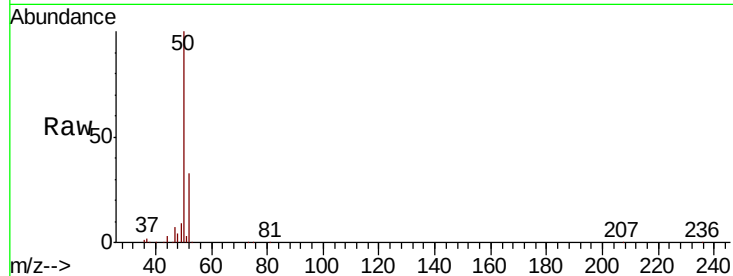
52 32.7 27.1 40.7

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#4

Vinyl Chloride

Concen: 37.965 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001086.D

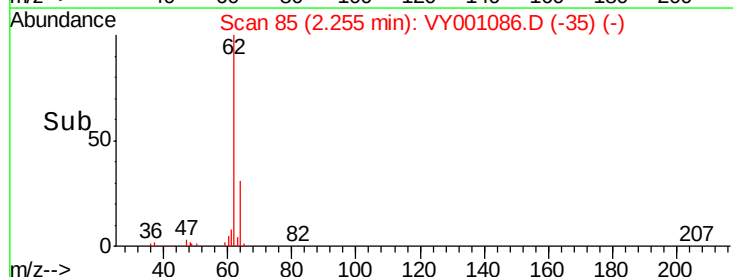
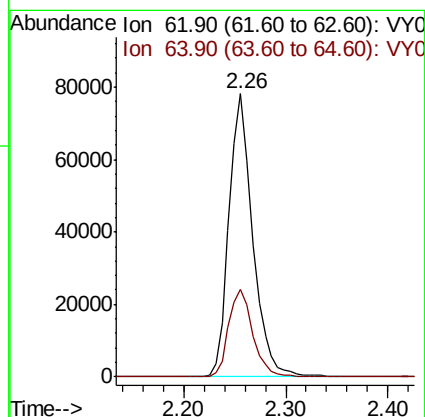
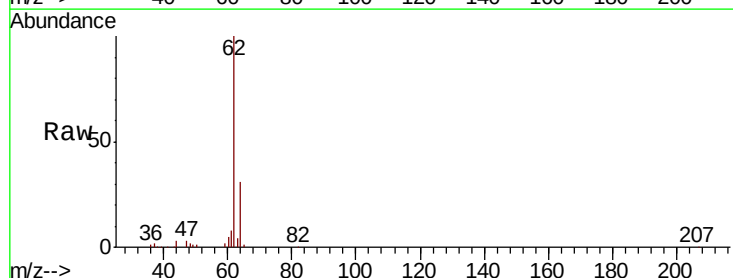
Acq: 26 Dec 2019 20:22

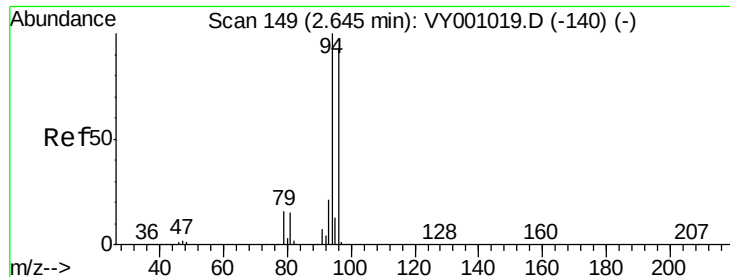
Tgt Ion: 62 Resp: 126188

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 40.669 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86560

Ion Ratio Lower Upper

94 100

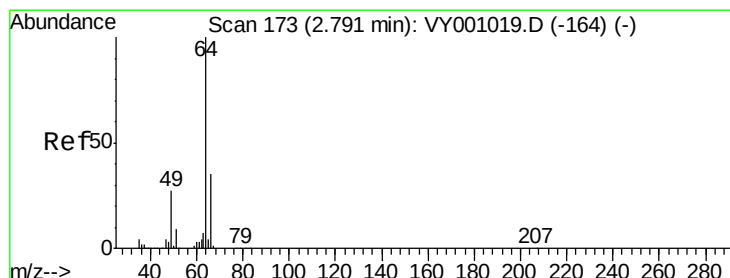
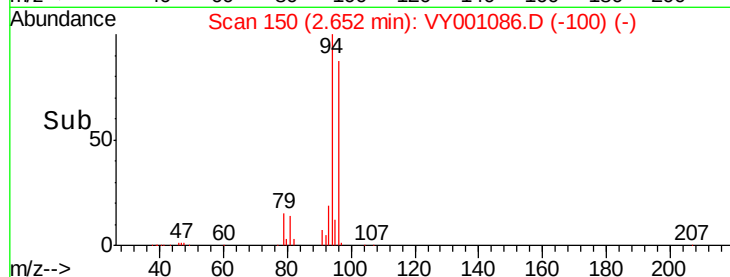
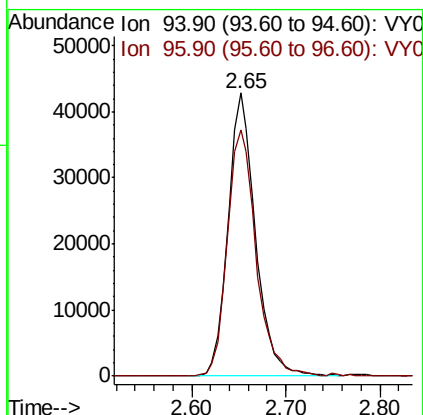
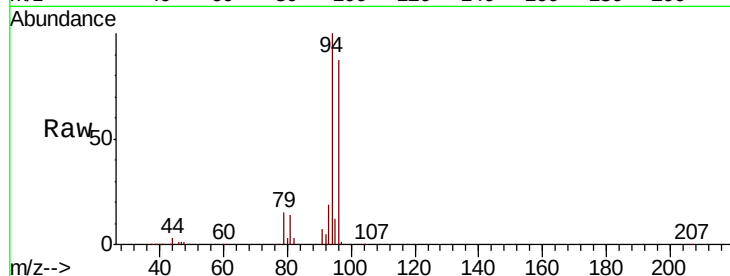
96 87.0 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 41.772 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001086.D

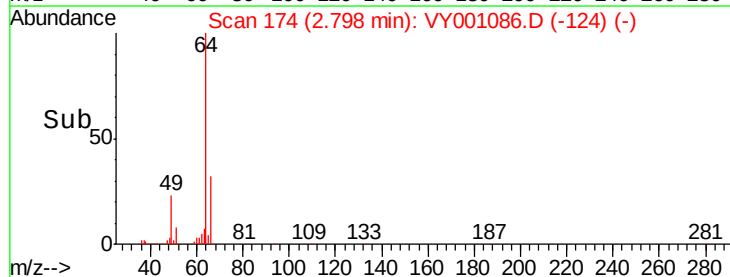
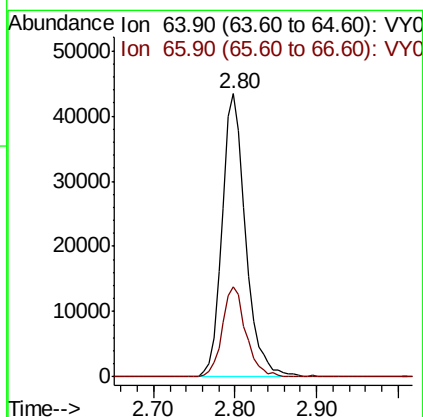
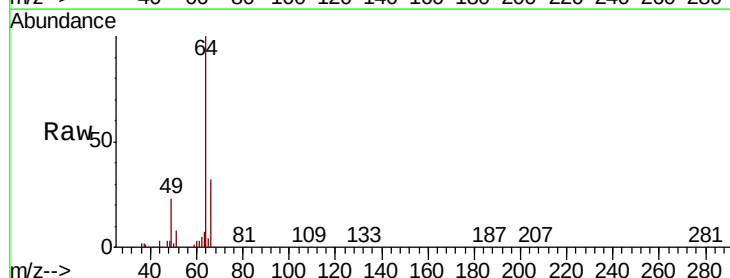
Acq: 26 Dec 2019 20:22

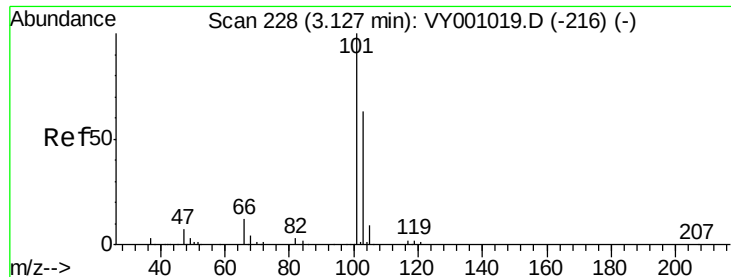
Tgt Ion: 64 Resp: 86476

Ion Ratio Lower Upper

64 100

66 31.7 27.8 41.6





#7

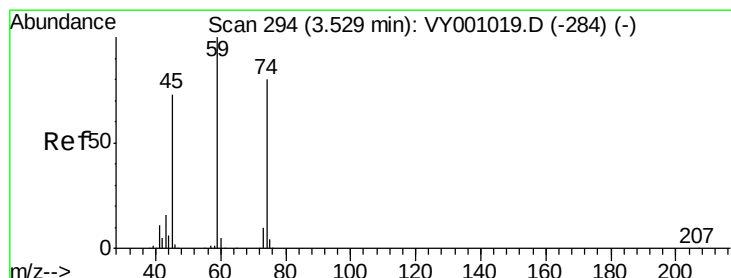
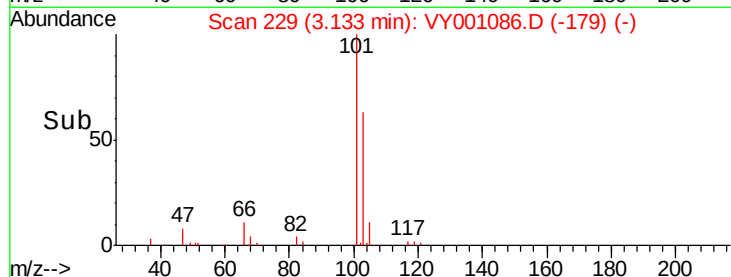
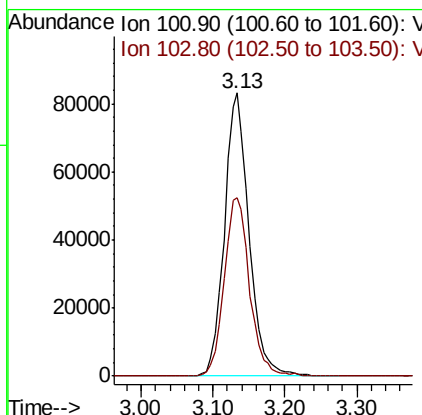
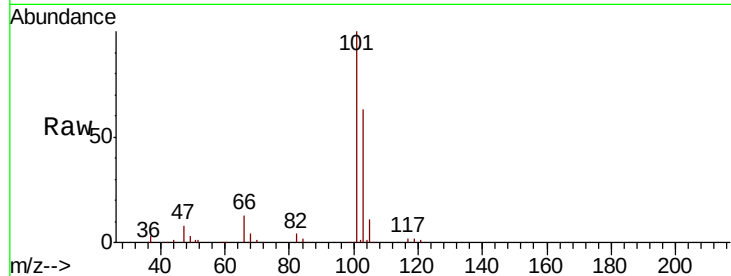
Trichlorofluoromethane
Concen: 40.296 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

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VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	196450		
103	63.2	50.2	50.2	75.2

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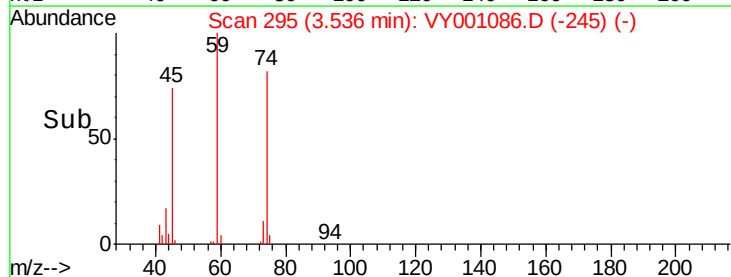
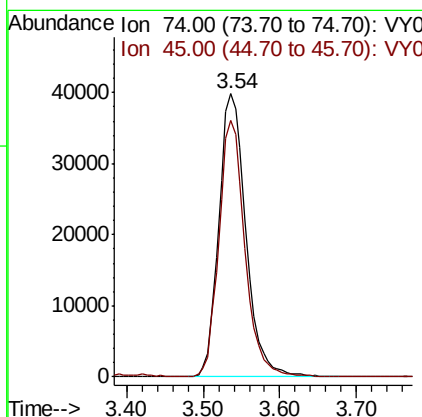
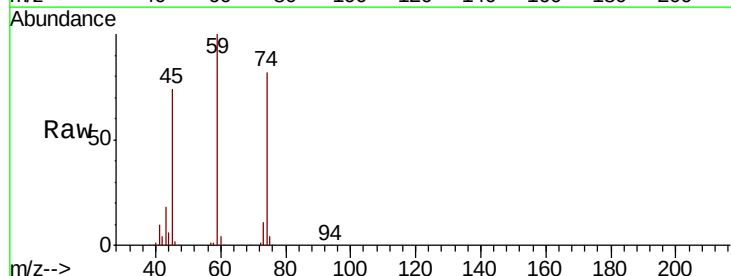
apatel
12/27/2019 11:05:08 AM

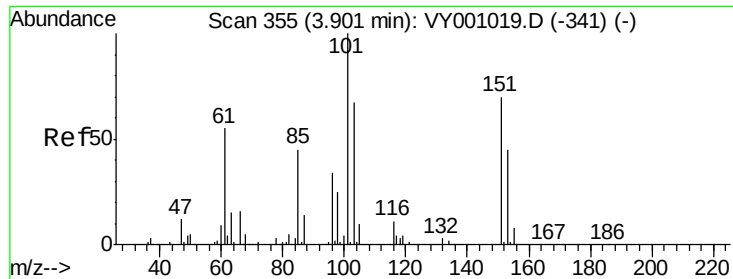


#8

Diethyl Ether
Concen: 48.964 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	97439		
45	87.6	46.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.968 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

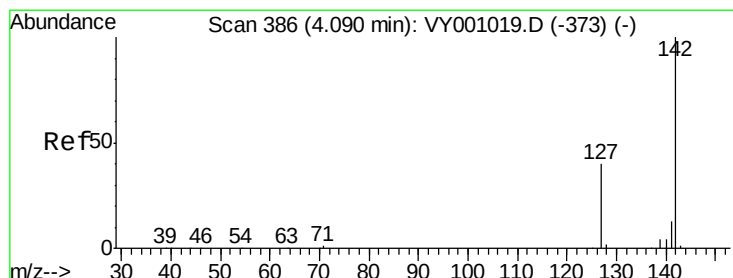
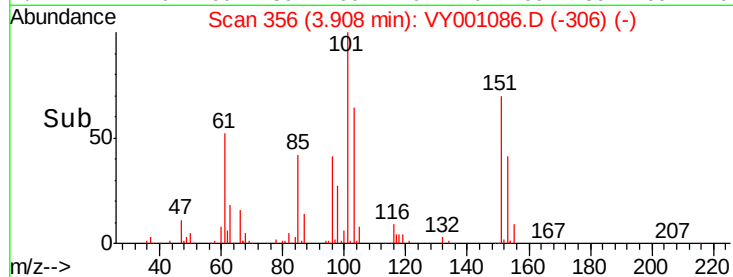
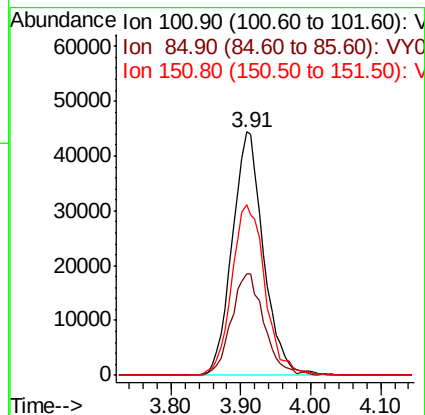
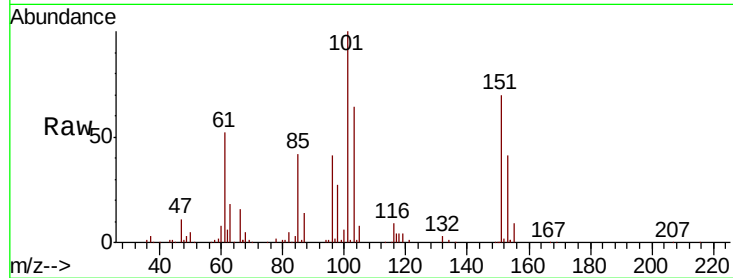
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	137601
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.2
151	74.6	57.0	85.6

Manual Integrations
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#10

Methyl Iodide

Concen: 42.464 ug/l

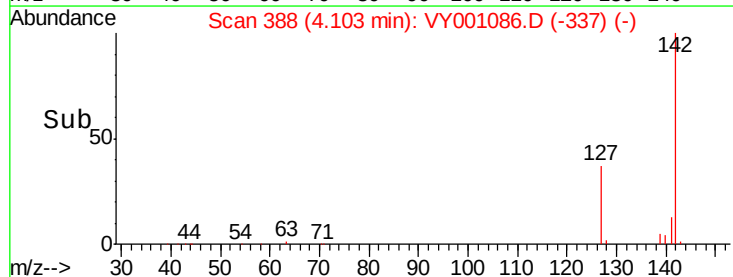
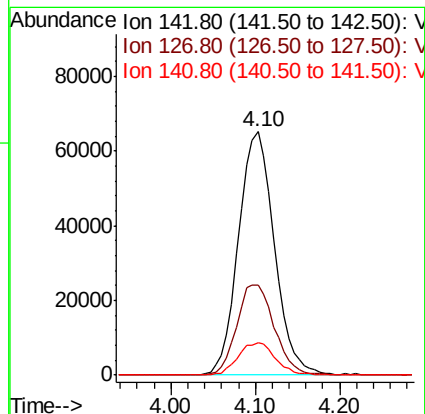
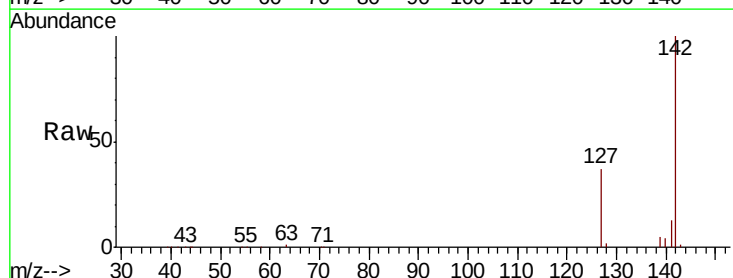
RT: 4.10 min Scan# 388

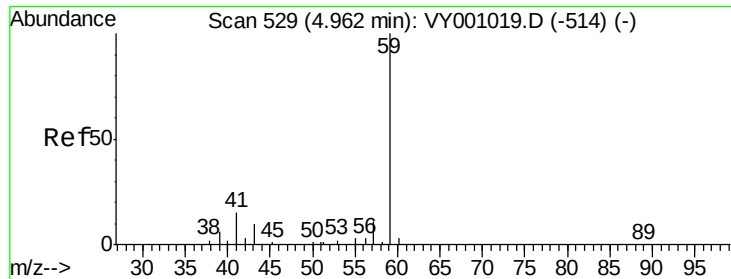
Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	142	Resp:	187884
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.2	46.8
141	13.8	11.0	16.4





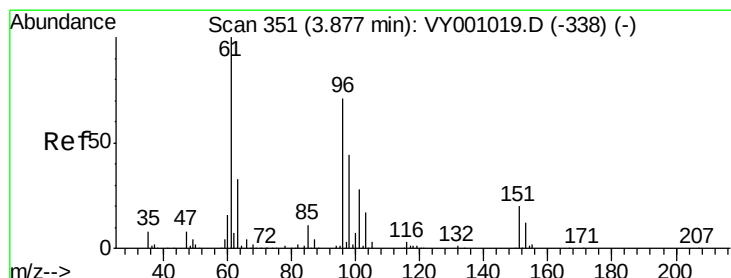
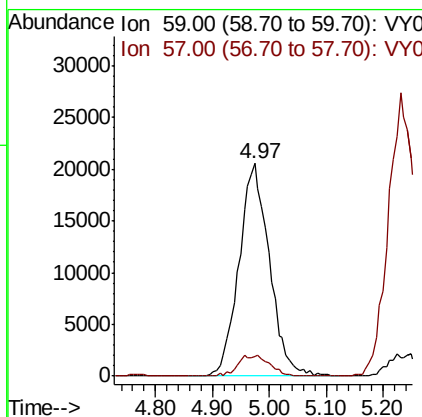
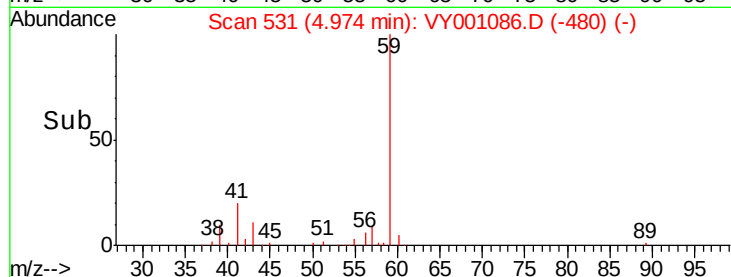
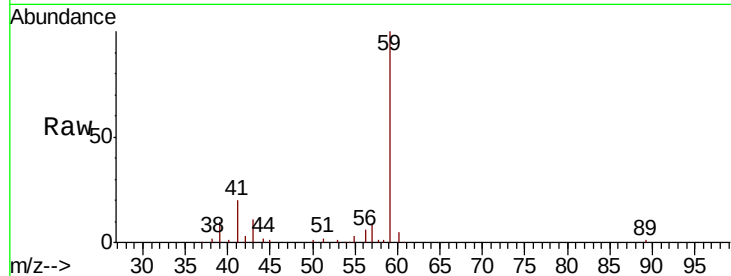
#11
Tert butyl alcohol
Concen: 245.954 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 76975
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.6#

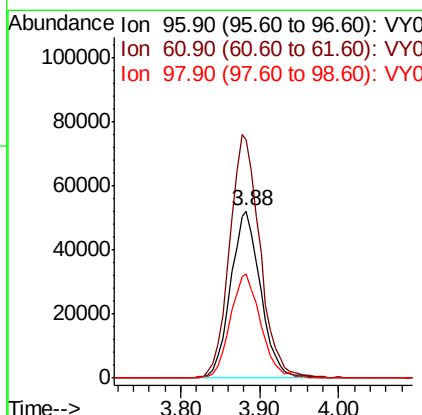
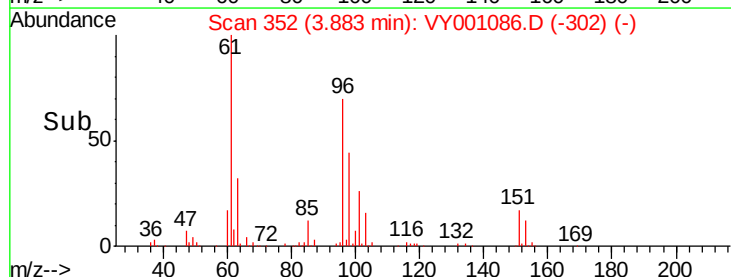
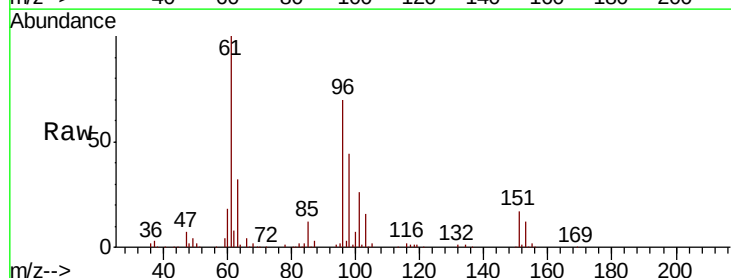
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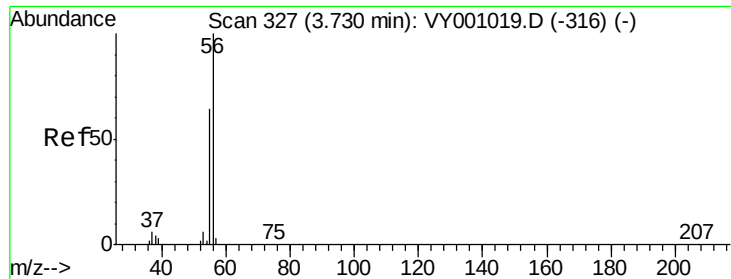
apatel
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#12
1,1-Dichloroethene
Concen: 42.567 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 96 Resp: 138008
Ion Ratio Lower Upper
96 100
61 142.2 113.0 169.4
98 62.1 49.8 74.8





#13

Acrolein

Concen: 226.586 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87864

Ion Ratio Lower Upper

56 100

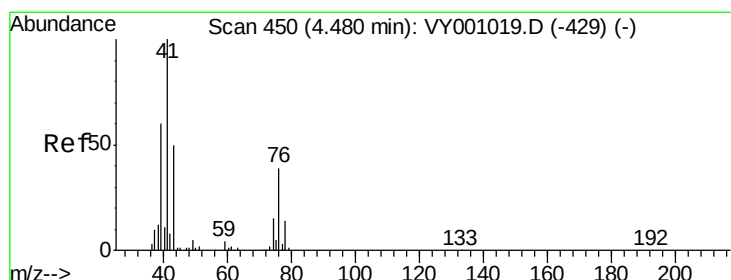
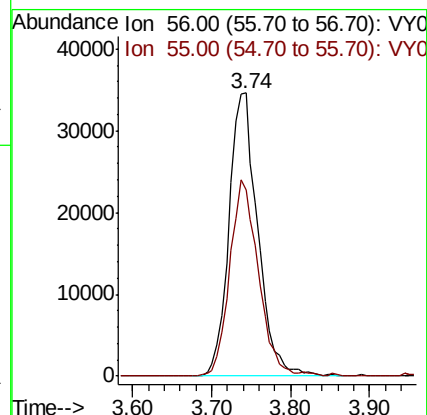
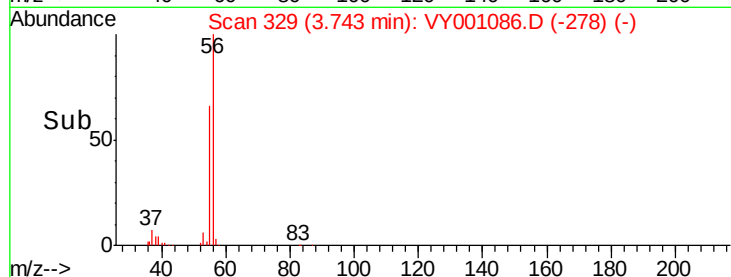
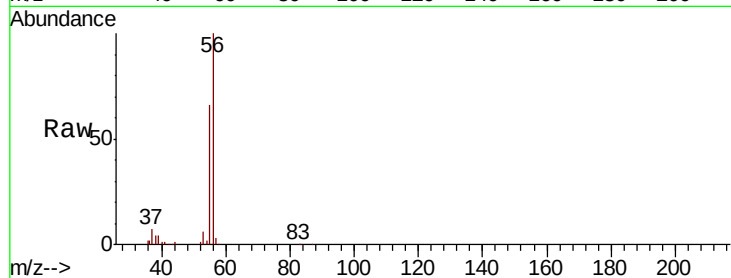
55 69.3 55.6 83.4

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#14

Allyl chloride

Concen: 44.071 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

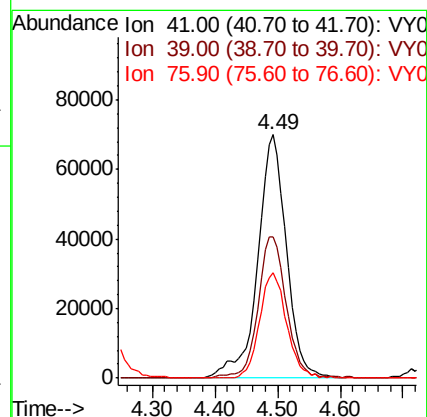
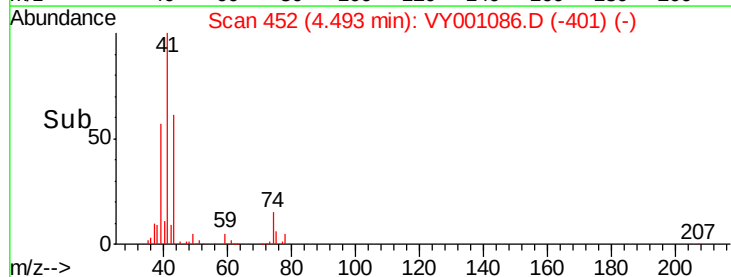
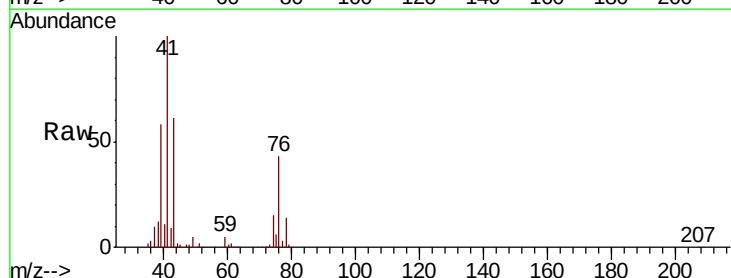
Tgt Ion: 41 Resp: 221969

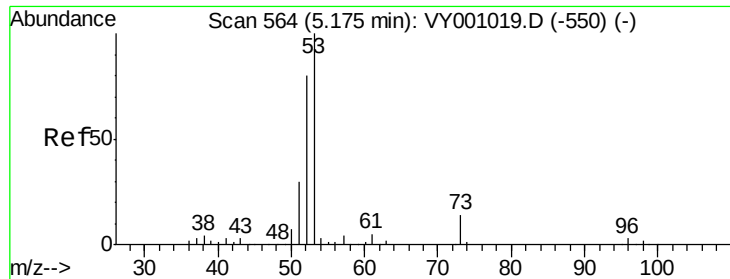
Ion Ratio Lower Upper

41 100

39 56.9 46.0 69.0

76 40.9 32.6 48.8





#15

Acrylonitrile

Concen: 261.417 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

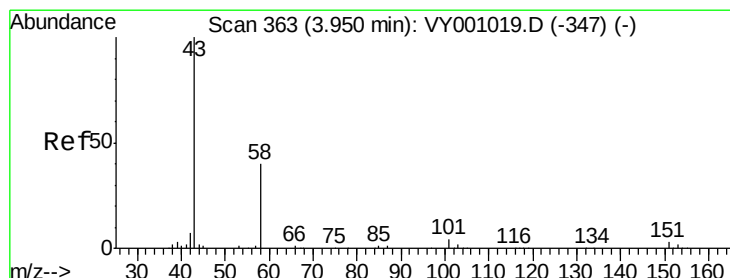
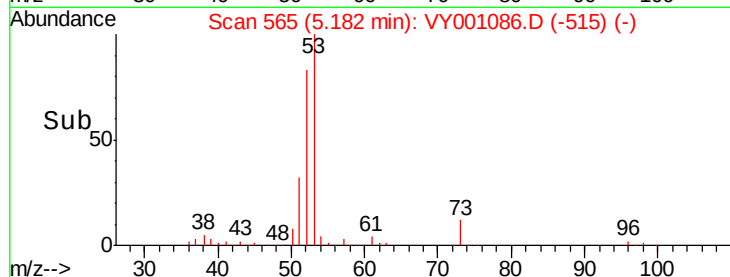
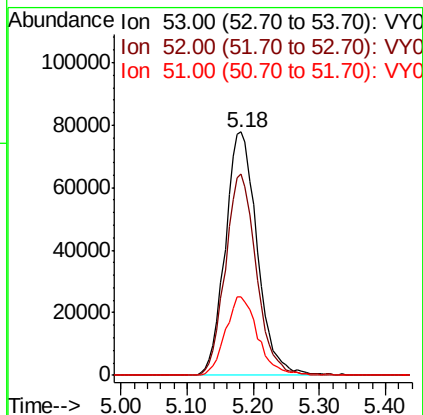
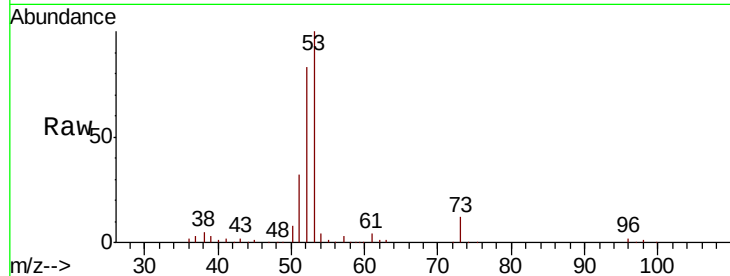
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	259996
Ion Ratio	Lower	Upper	
53	100		
52	80.5	63.6	95.4
51	32.8	26.7	40.1

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#16

Acetone

Concen: 256.426 ug/l

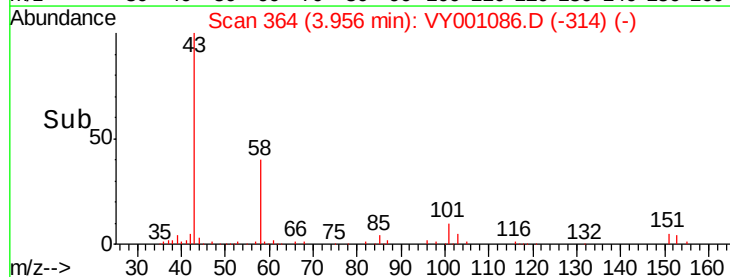
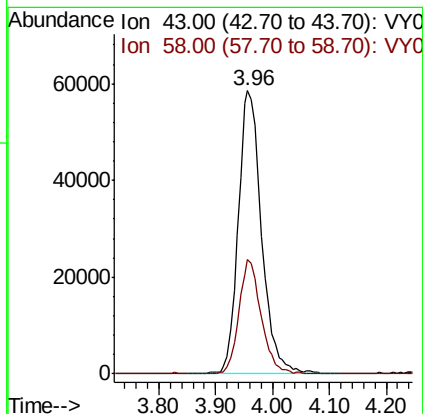
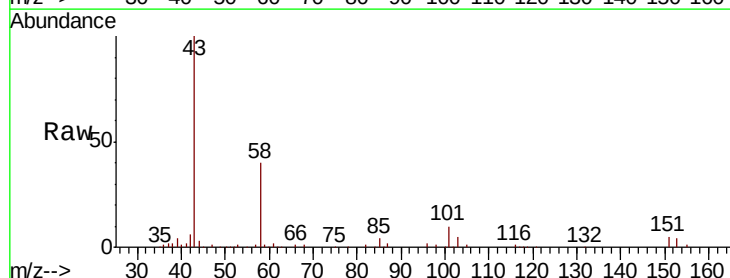
RT: 3.96 min Scan# 364

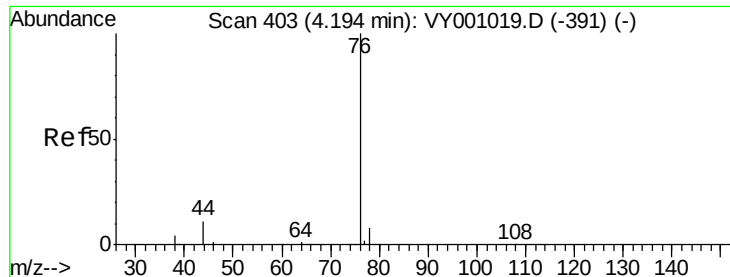
Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	43	Resp:	168144
Ion Ratio	Lower	Upper	
43	100		
58	40.1	32.1	48.1





#17

Carbon Disulfide

Concen: 34.374 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 364169

Ion Ratio Lower Upper

76 100

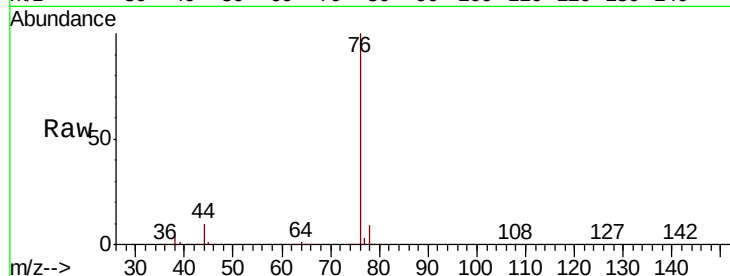
78 9.1 6.7 10.1

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

150000

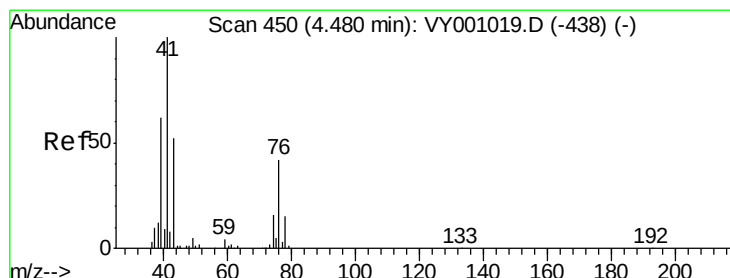
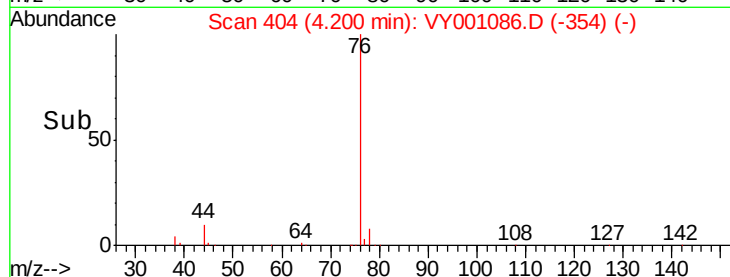
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 49.645 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001086.D

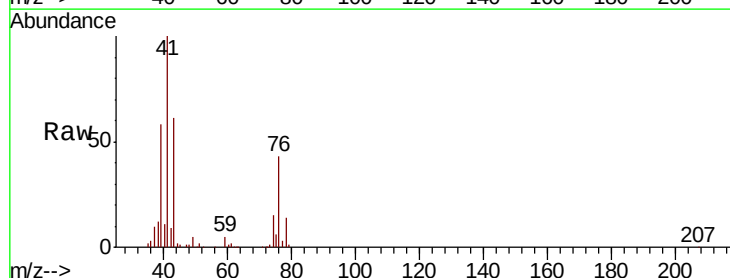
Acq: 26 Dec 2019 20:22

Tgt Ion: 43 Resp: 124892

Ion Ratio Lower Upper

43 100

74 26.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

50000

40000

30000

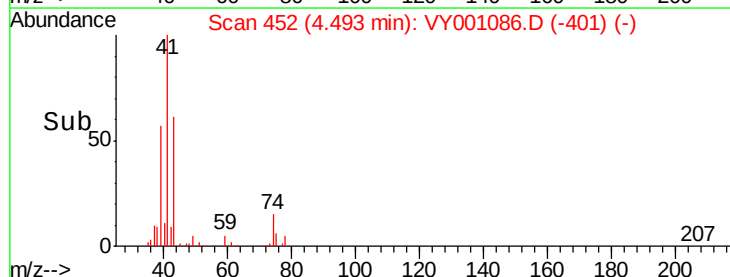
20000

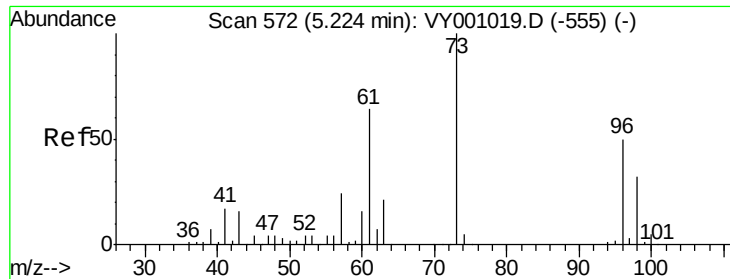
10000

0

4.40 4.50 4.60 4.70

Time-->





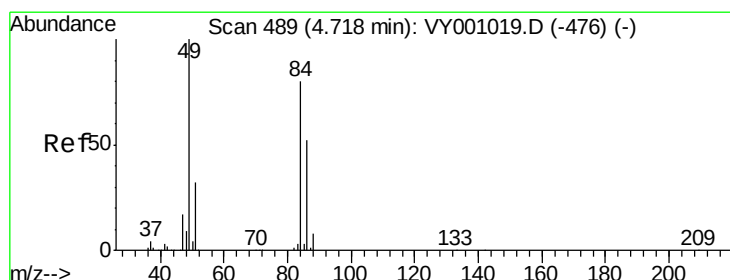
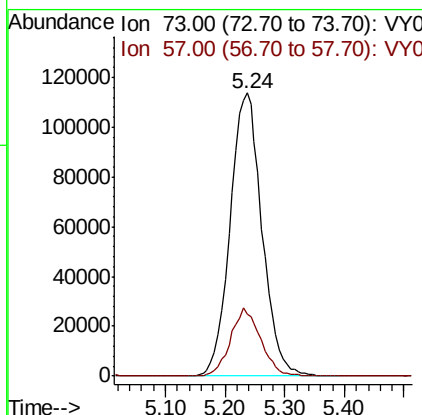
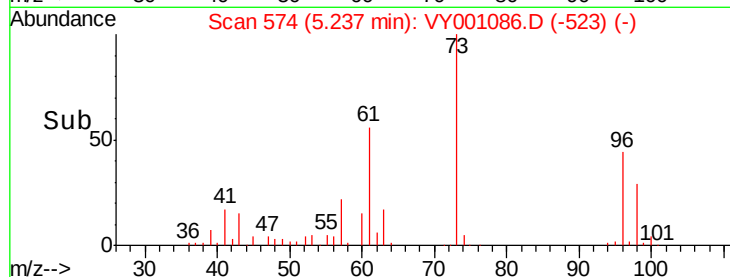
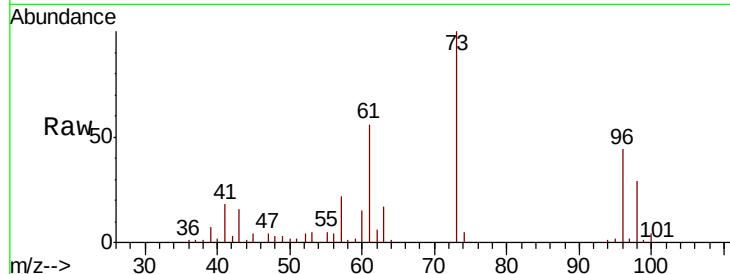
#19
Methyl tert-butyl Ether
Concen: 50.422 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 421933
Ion Ratio Lower Upper
73 100
57 22.0 19.0 28.6

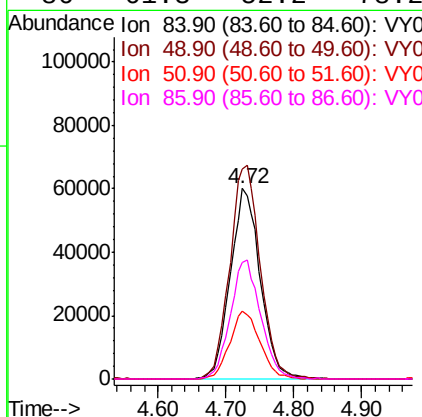
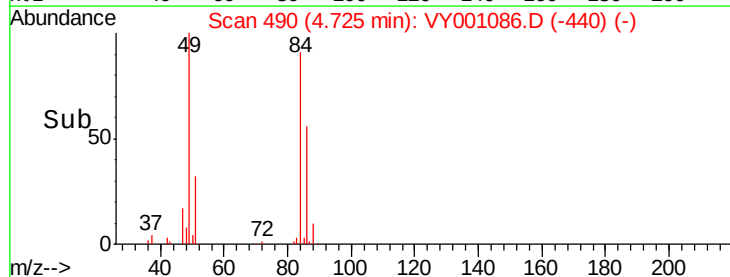
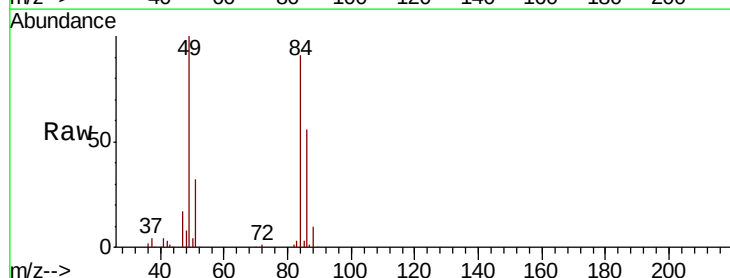
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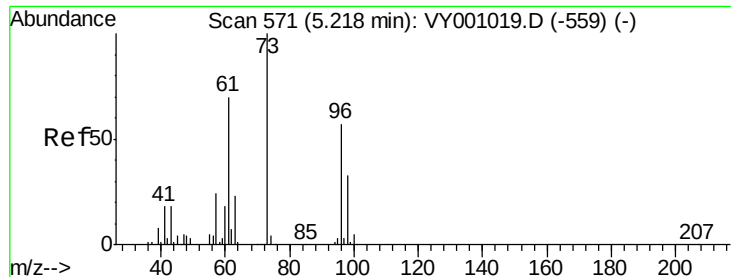
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#20
Methylene Chloride
Concen: 47.481 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 84 Resp: 183256
Ion Ratio Lower Upper
84 100
49 110.3 99.8 149.6
51 35.3 31.4 47.2
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 44.953 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

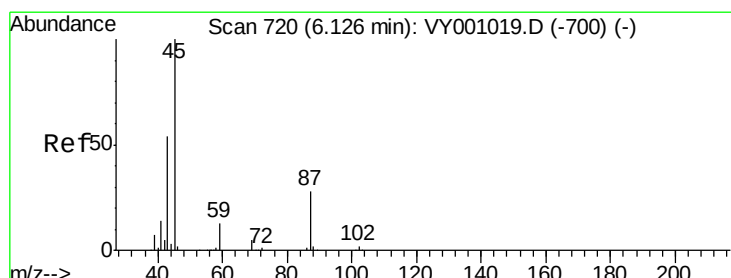
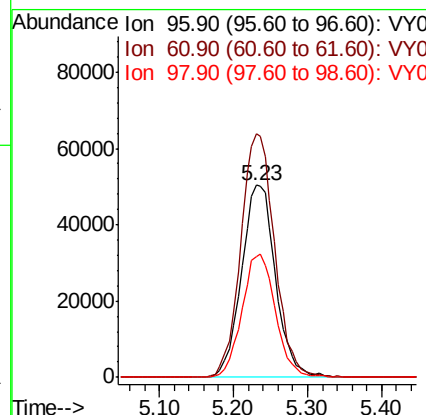
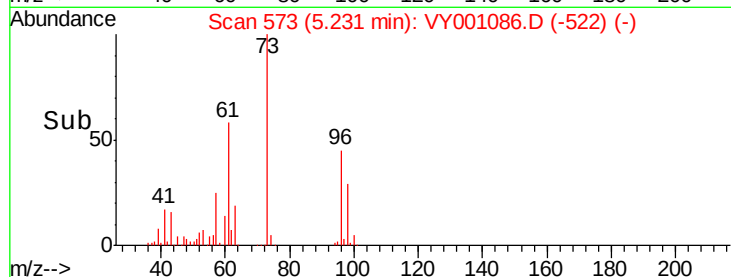
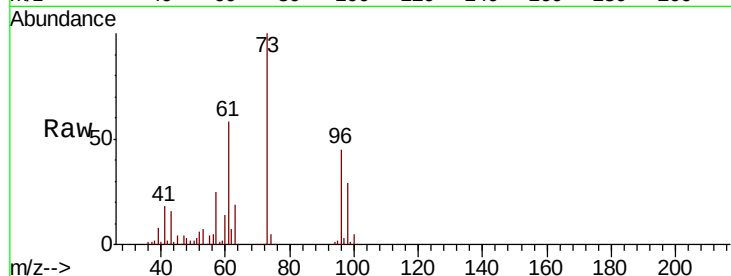
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161522
Ion	Ratio	Lower	Upper
96	100		
61	126.8	98.1	147.1
98	63.0	47.2	70.8

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#22

Diisopropyl ether

Concen: 49.205 ug/l

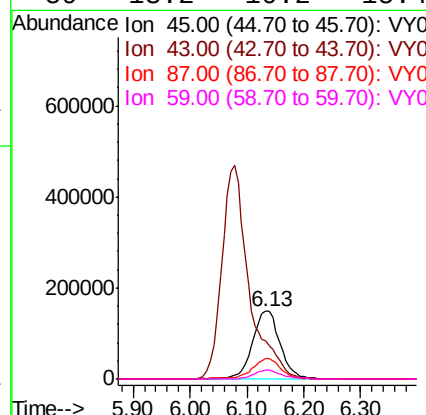
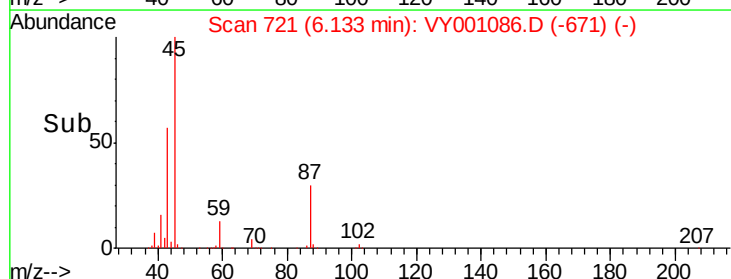
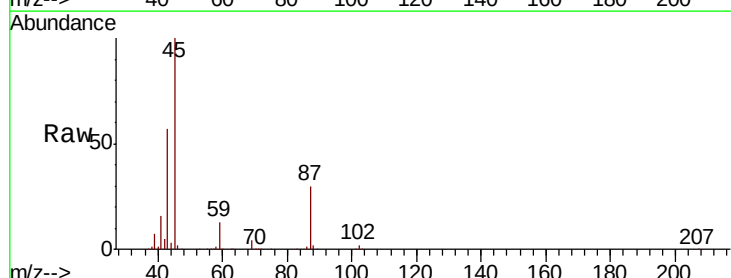
RT: 6.13 min Scan# 721

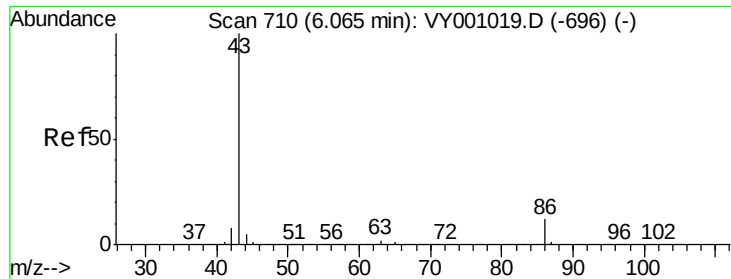
Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	45	Resp:	500925
Ion	Ratio	Lower	Upper
45	100		
43	56.8	43.6	65.4
87	30.4	23.1	34.7
59	13.2	10.2	15.4





#23

Vinyl Acetate

Concen: 241.957 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1555629

Ion Ratio Lower Upper

43 100

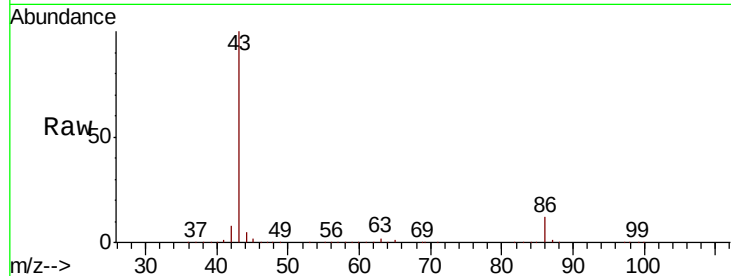
86 11.8 9.5 14.3

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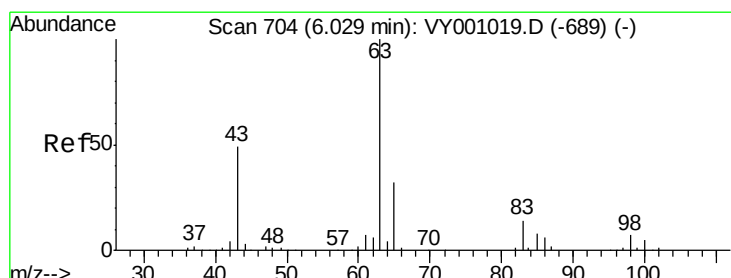
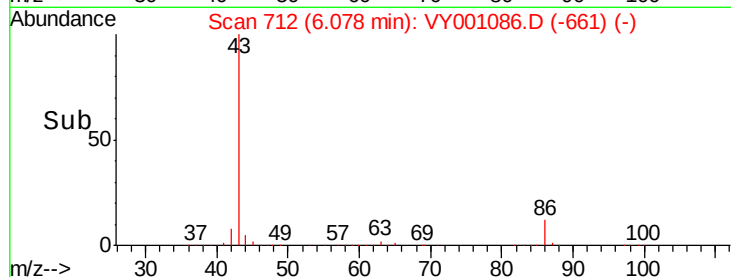
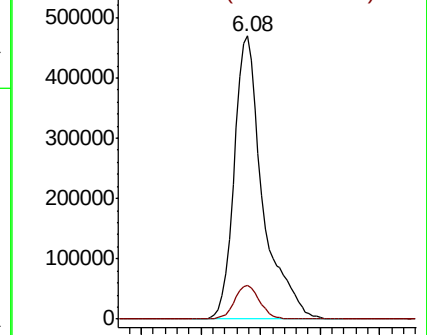
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.644 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

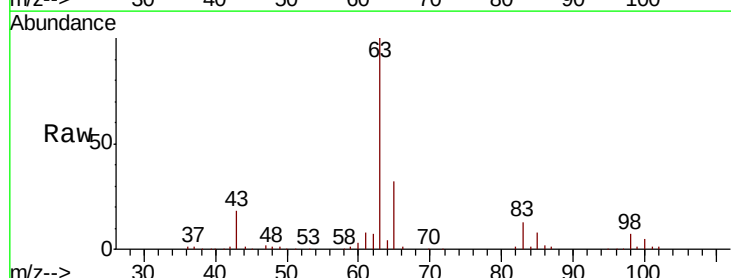
Tgt Ion: 63 Resp: 286630

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

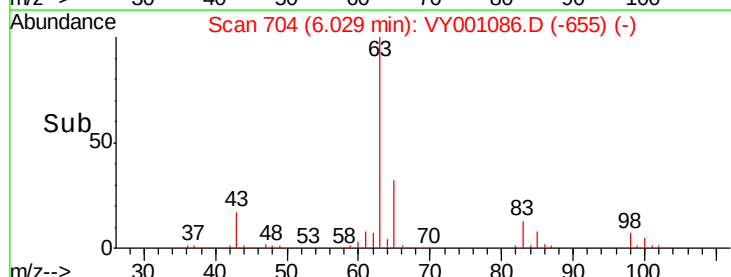
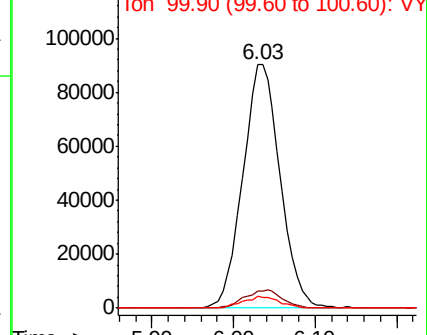
100 4.7 2.5 7.5

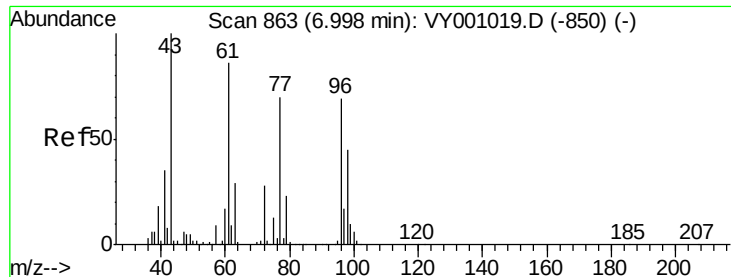


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 255.361 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 294160

Ion Ratio Lower Upper

43 100

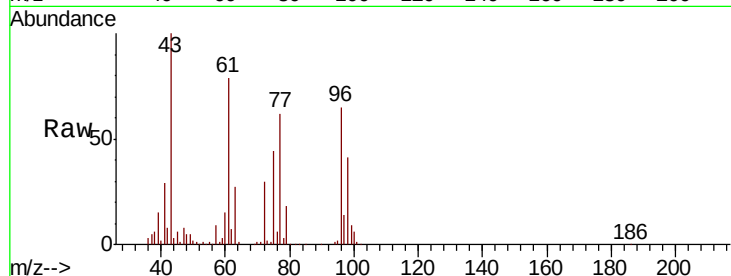
72 29.7 22.4 33.6

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

120000

100000

80000

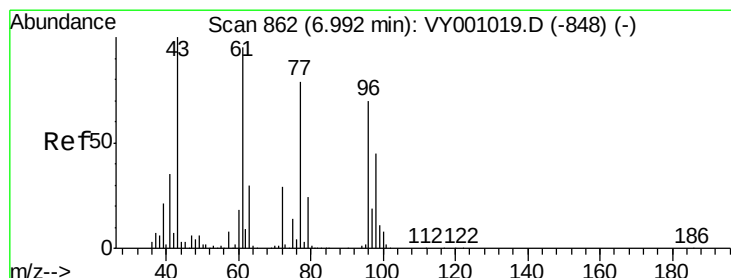
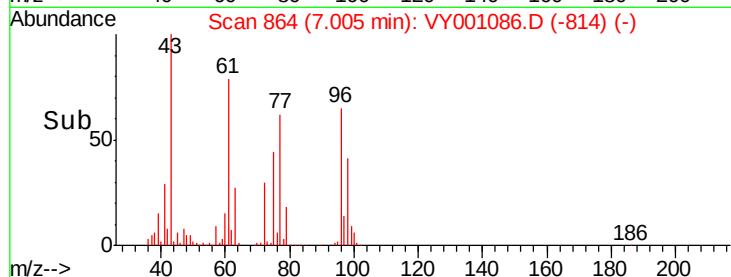
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.167 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001086.D

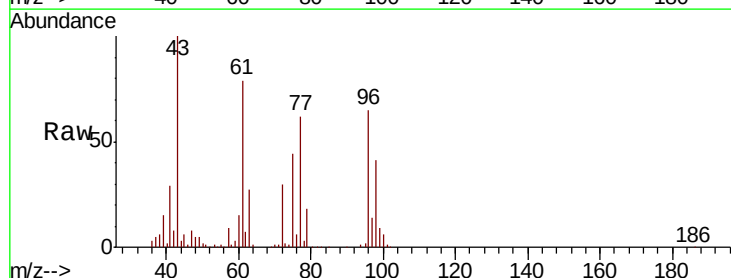
Acq: 26 Dec 2019 20:22

Tgt Ion: 77 Resp: 208420

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

80000

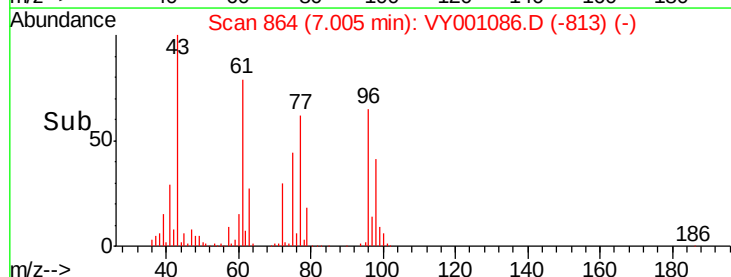
60000

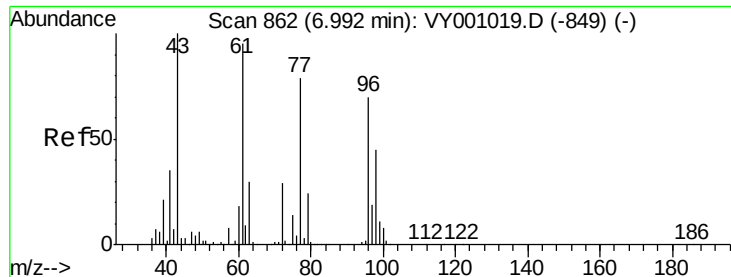
40000

20000

0

Time-->





#27

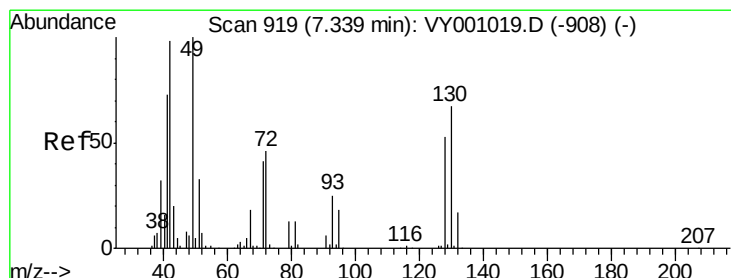
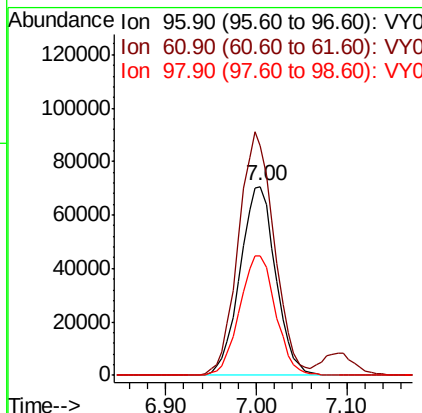
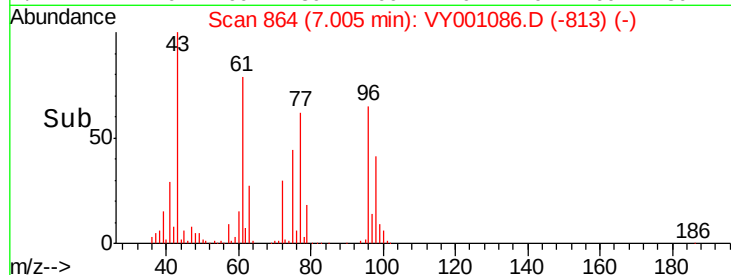
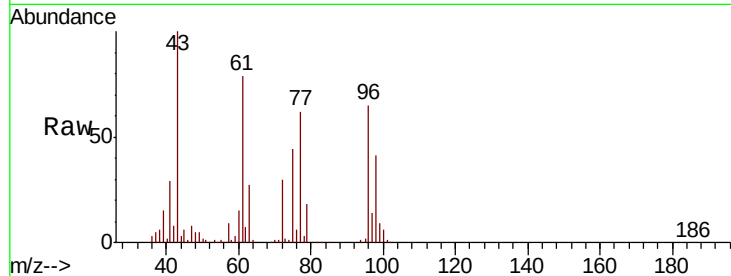
cis-1,2-Dichloroethene
Concen: 48.844 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192812		
61	129.7	0.0	268.2	
98	63.7	0.0	129.2	

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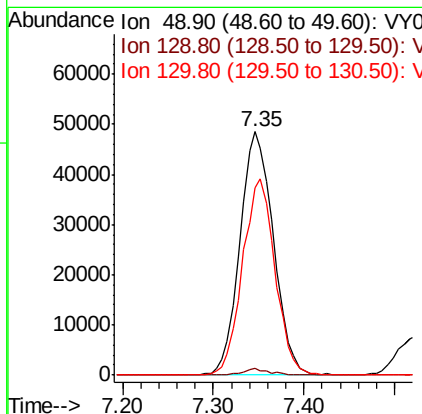
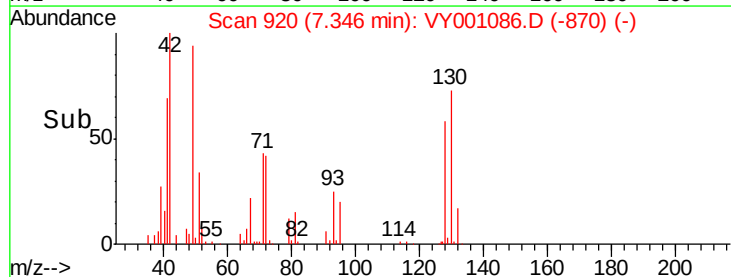
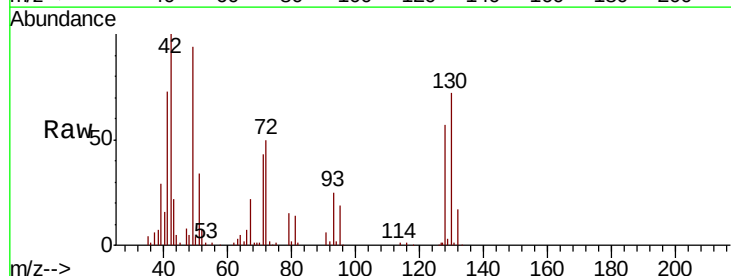
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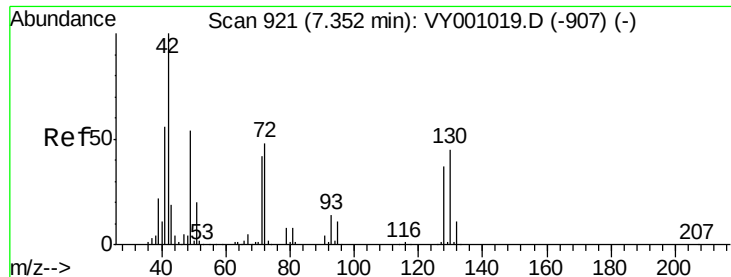


#28

Bromochloromethane
Concen: 52.722 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123757		
129	2.1	0.0	3.8	
130	78.1	60.4	90.6	





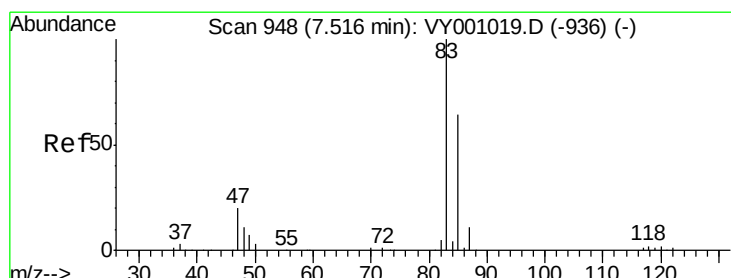
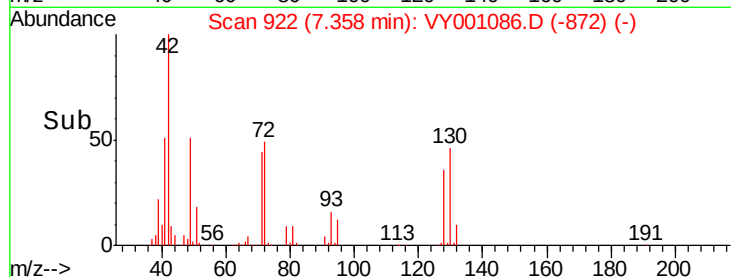
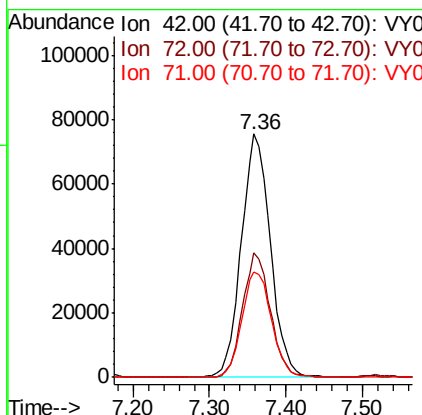
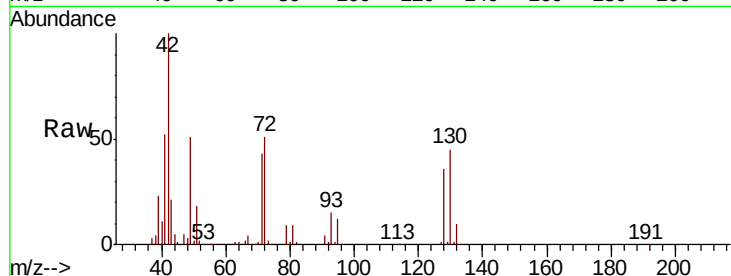
#29
Tetrahydrofuran
Concen: 243.941 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.7	56.5
71	44.2	34.6	51.8

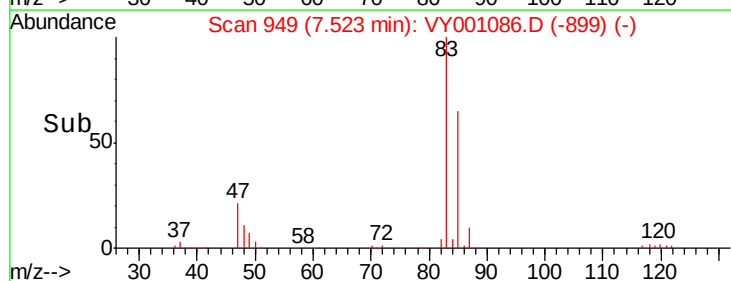
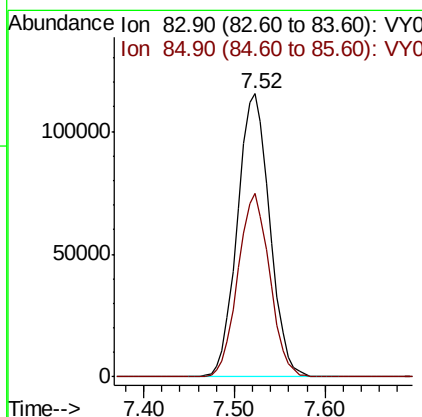
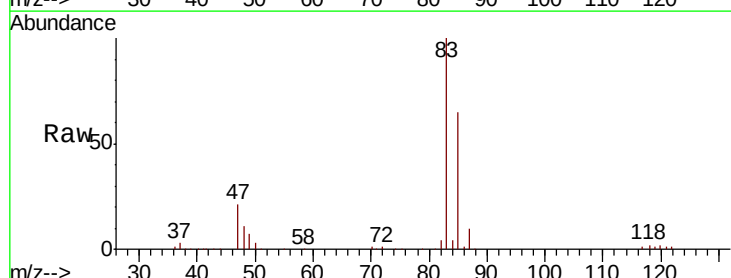
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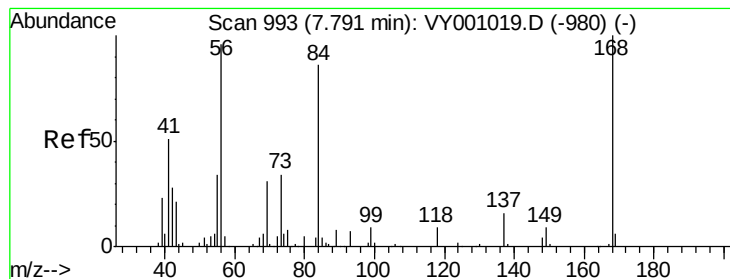
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#30
Chloroform
Concen: 50.082 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4





#31

Cyclohexane

Concen: 37.542 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 237499

Ion Ratio Lower Upper

56 100

69 34.2 26.1 39.1

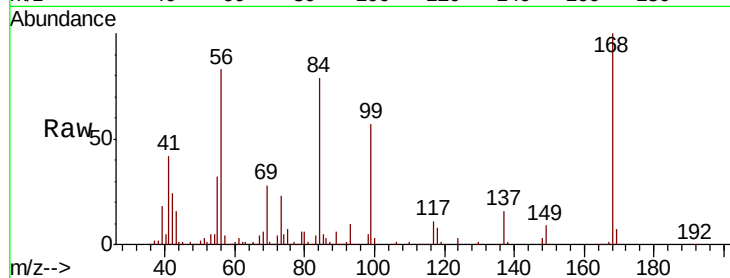
84 93.1 71.8 107.8

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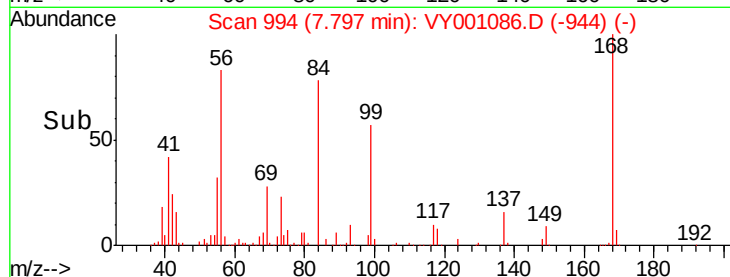


Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-980) (-)

Ion 69.00 (68.70 to 69.70): VY001019.D (-980) (-)

Ion 84.00 (83.70 to 84.70): VY001019.D (-980) (-)

Time-->

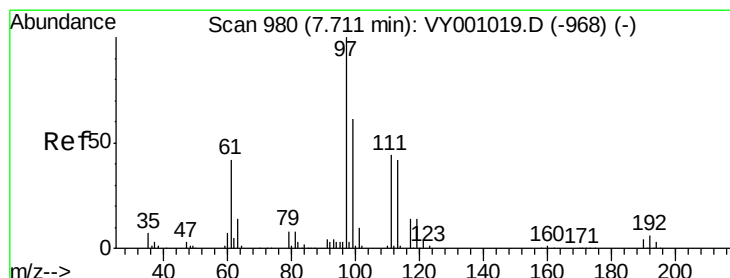


Abundance Ion 56.00 (55.70 to 56.70): VY001086.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY001086.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY001086.D (-944) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 45.069 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

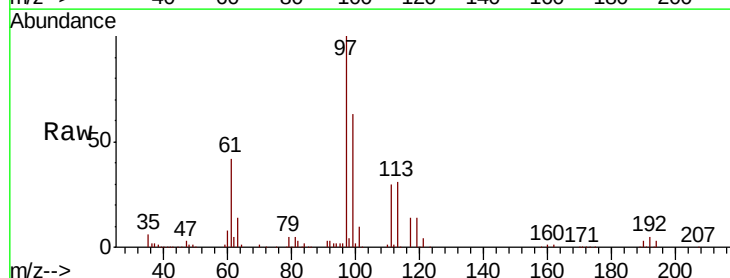
Tgt Ion: 97 Resp: 218708

Ion Ratio Lower Upper

97 100

99 65.0 50.6 76.0

61 42.0 33.0 49.6

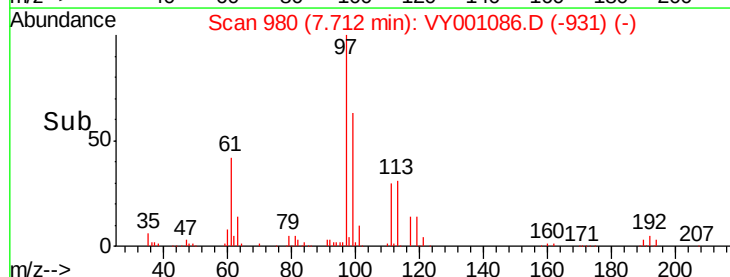


Abundance Ion 96.90 (96.60 to 97.60): VY001019.D (-968) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-968) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-968) (-)

Time-->

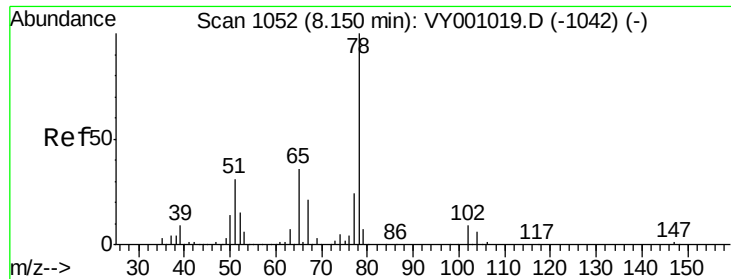


Abundance Ion 96.90 (96.60 to 97.60): VY001086.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY001086.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY001086.D (-931) (-)

Time-->



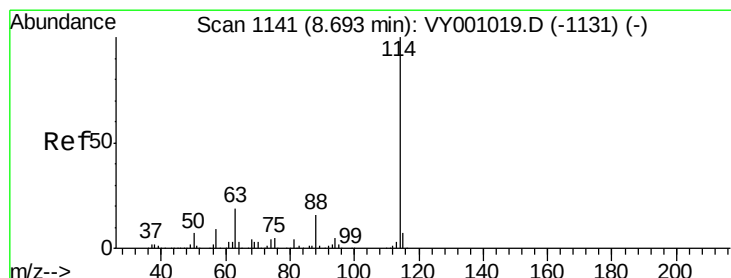
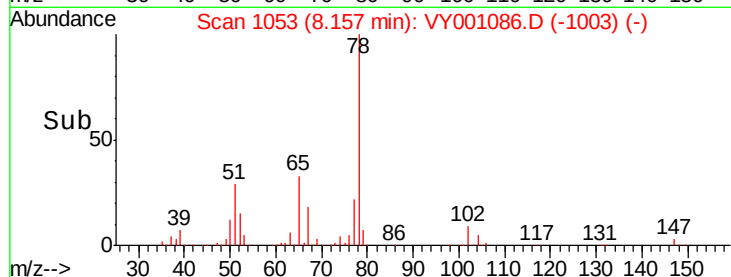
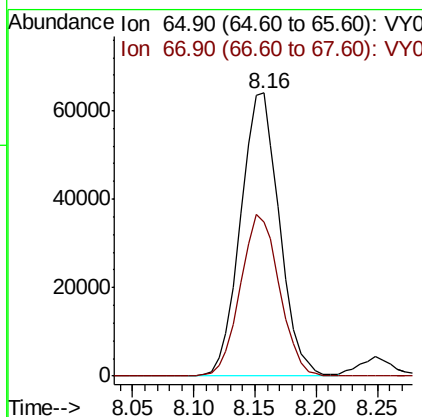
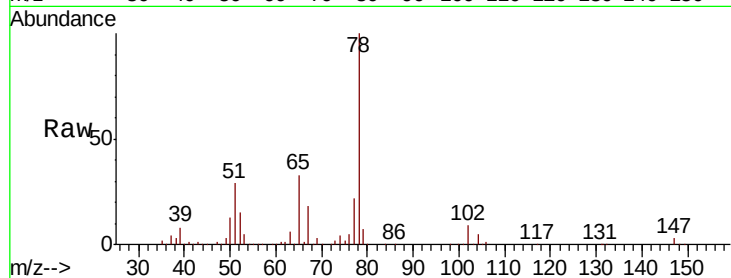
#33
 1,2-Dichloroethane-d4
 Concen: 49.511 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140924		
67	57.4	0.0	112.8	

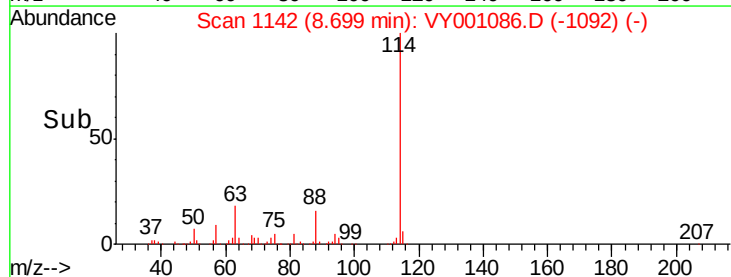
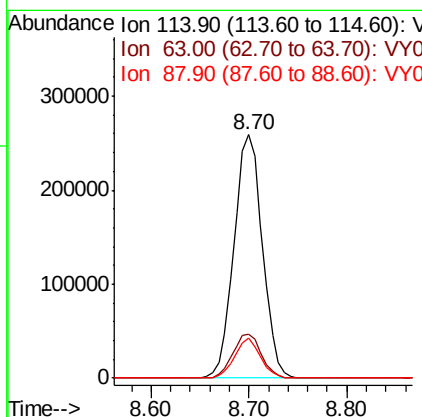
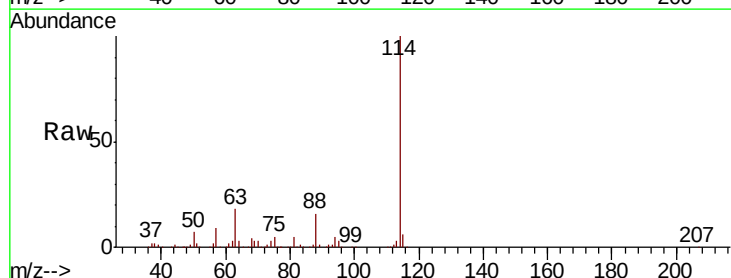
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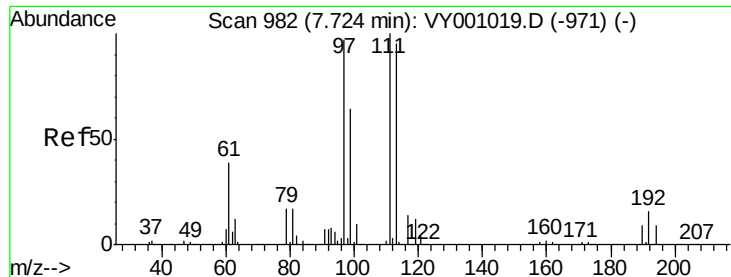
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519642		
63	18.3	0.0	37.0	
88	16.4	0.0	32.0	





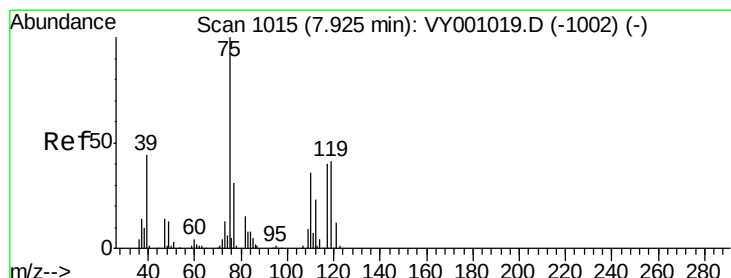
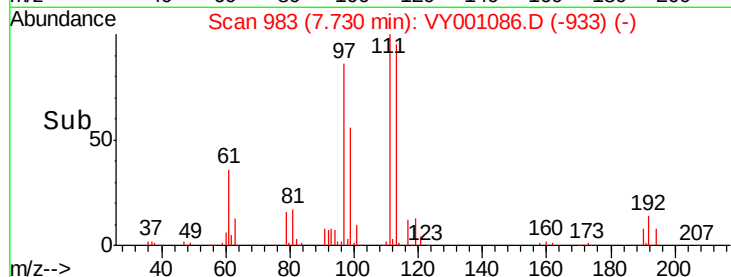
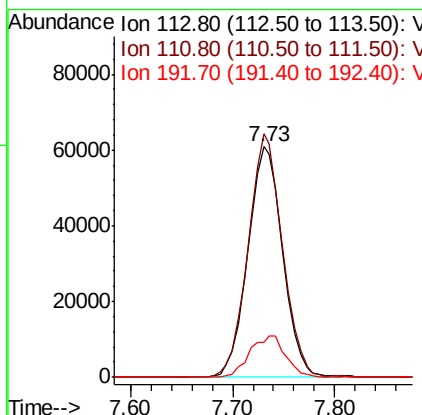
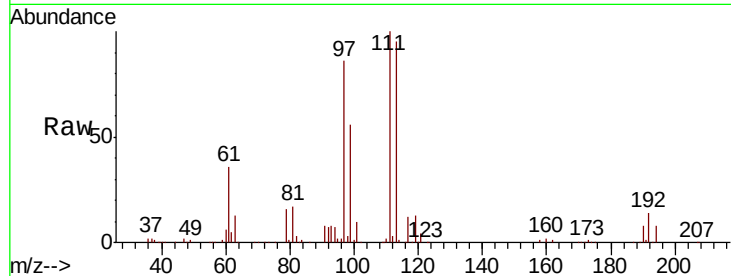
#35
Dibromofluoromethane
Concen: 47.287 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.4
192	18.5	14.6	21.8

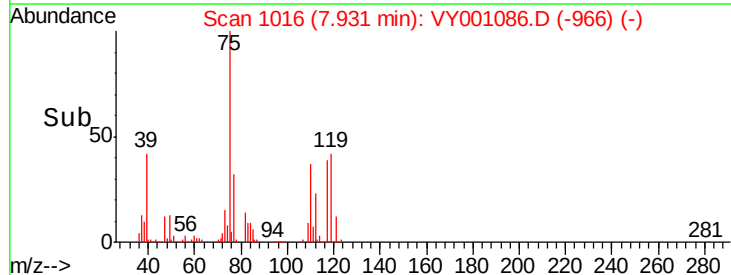
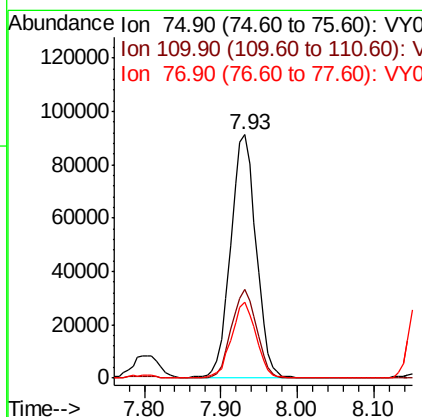
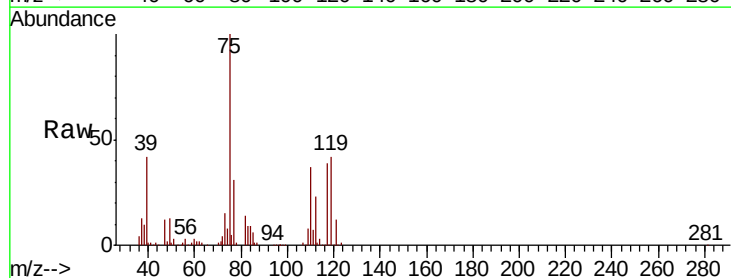
Manual Integrations
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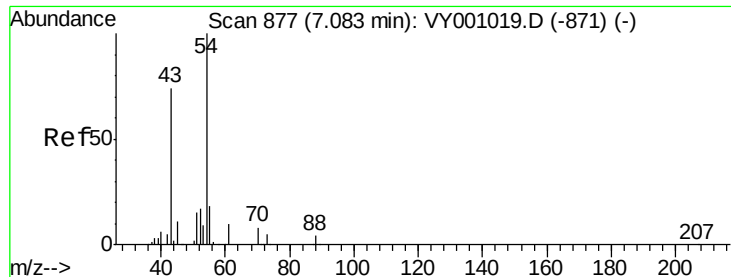
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#36
1,1-Dichloropropene
Concen: 42.503 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.4
77	30.2	24.6	37.0





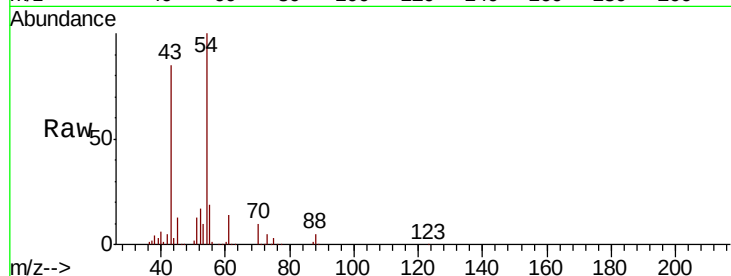
#37
Ethyl Acetate
Concen: 47.573 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.5	18.7
70	12.2	9.0	13.4

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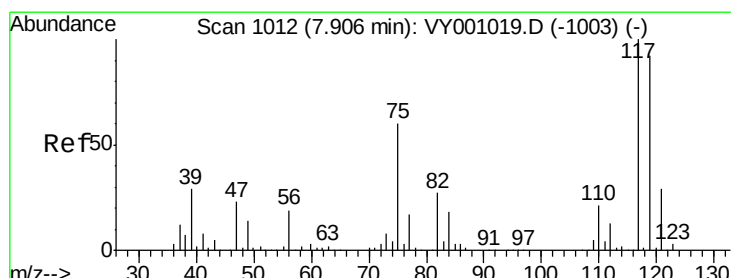
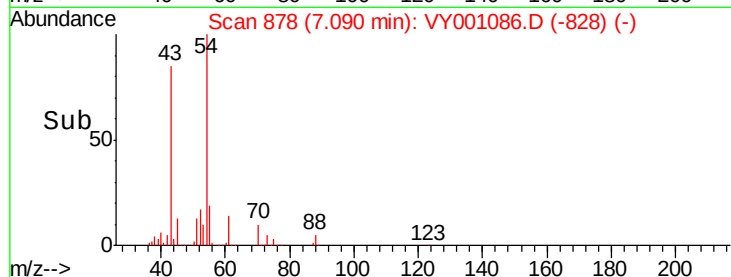
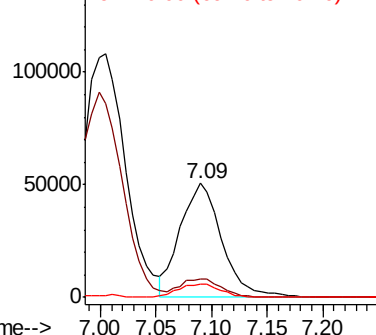


Abundance

Ion 43.00 (42.70 to 43.70): VY001019.D (-871) (-)

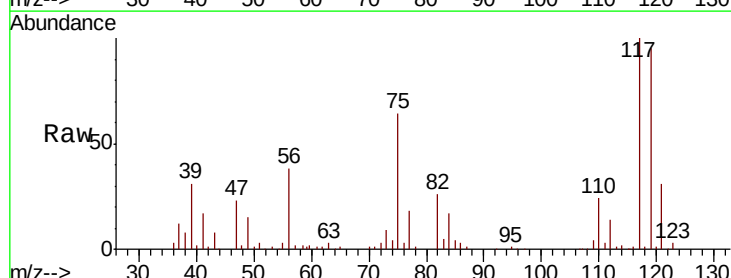
Ion 60.90 (60.60 to 61.60): VY001019.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY001019.D (-871) (-)



#38
Carbon Tetrachloride
Concen: 43.323 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.2	111.2
121	30.8	22.9	34.3

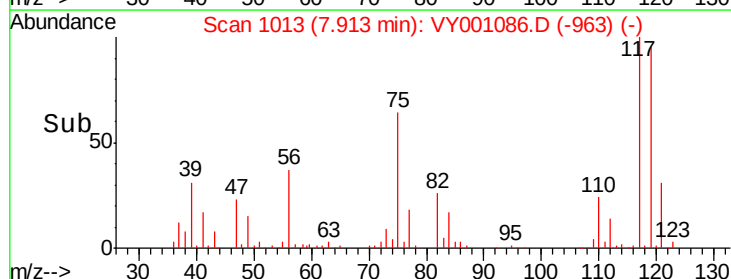
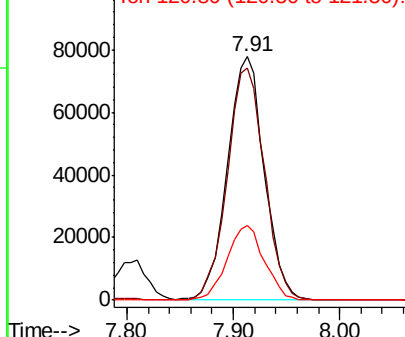


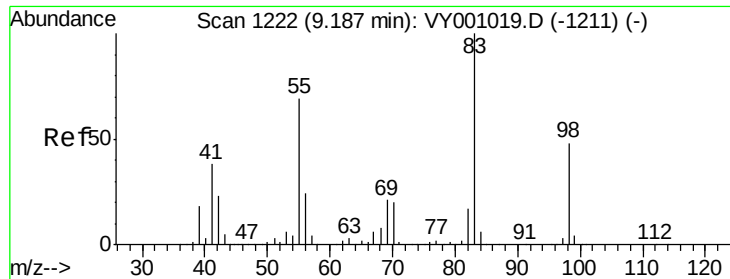
Abundance

Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)





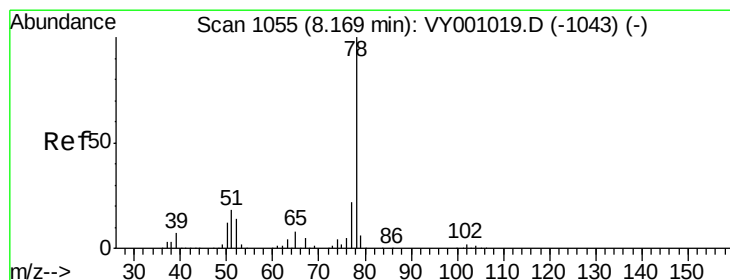
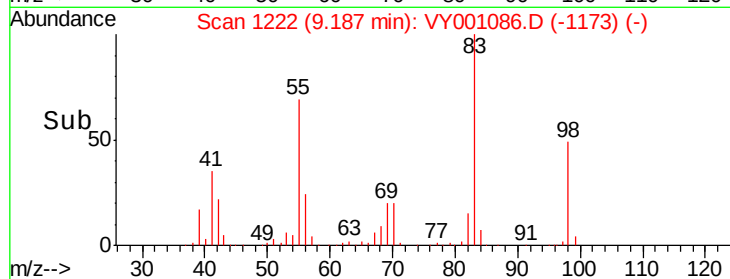
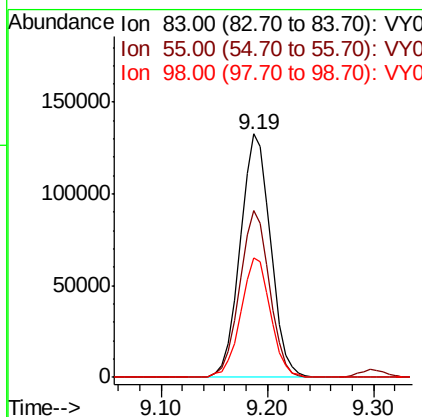
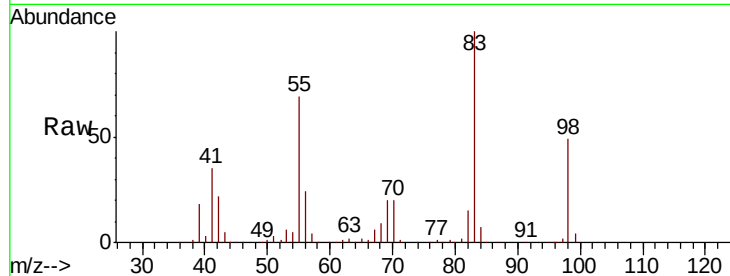
#39
Methylvlcyclohexane
Concen: 40.251 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	55.1	82.7
98	49.2	38.3	57.5

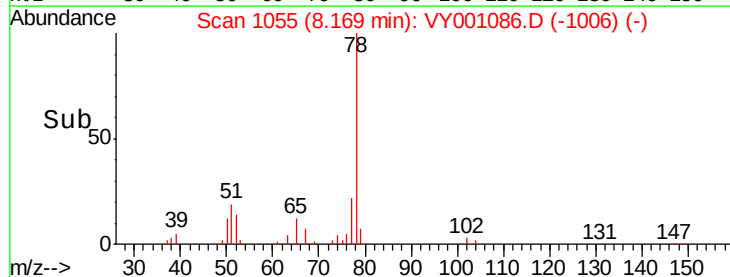
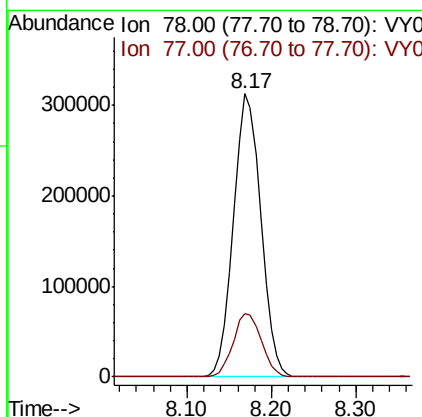
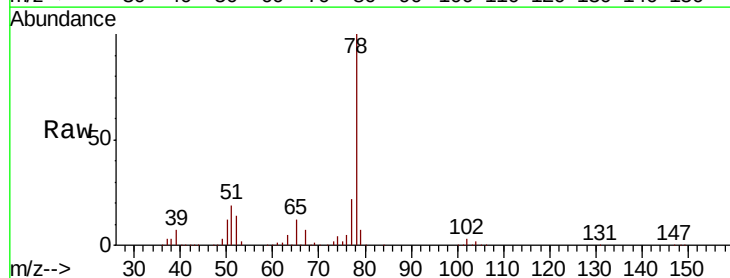
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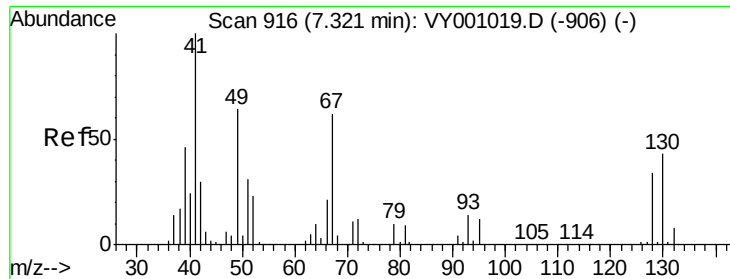
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#40
Benzene
Concen: 45.927 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	17.7	26.5





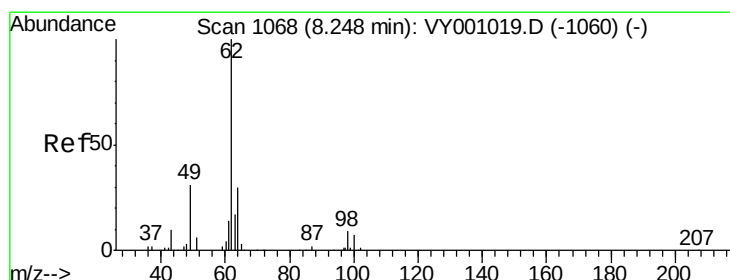
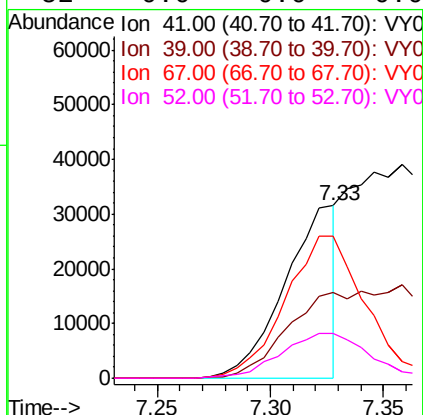
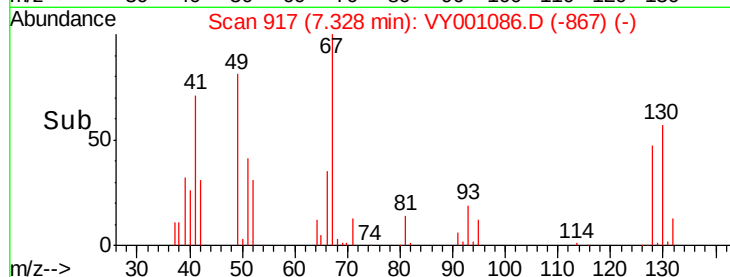
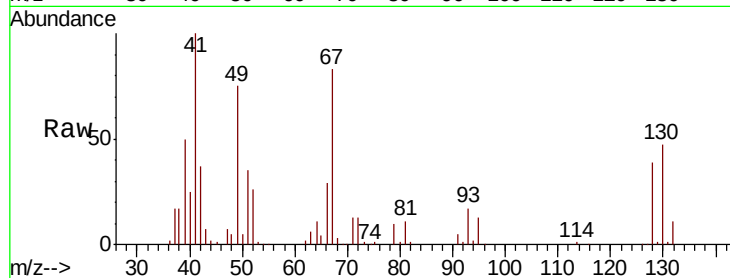
#41
Methacrylonitrile
Concen: 42.957 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

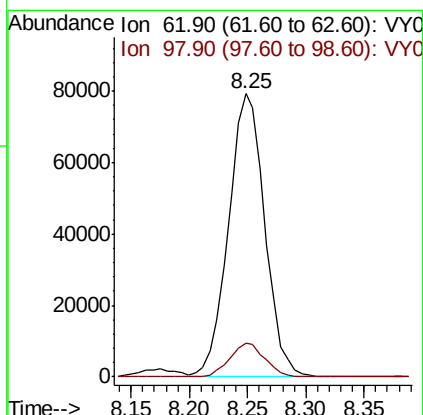
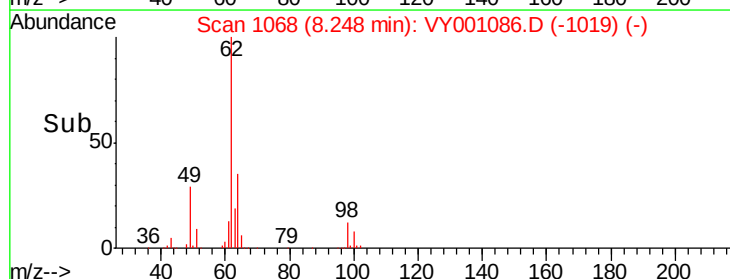
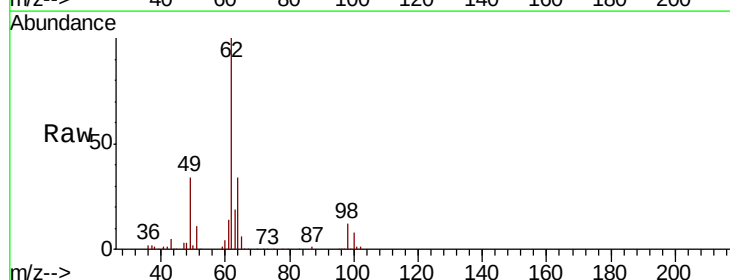
Manual Integrations
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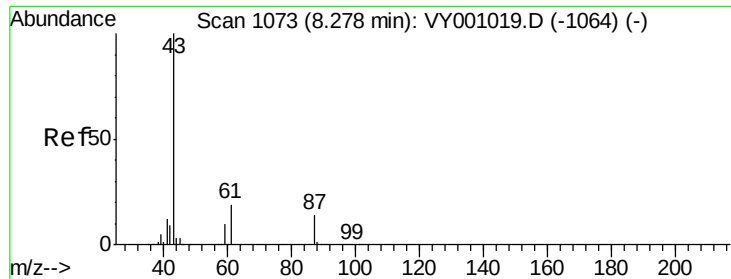
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#42
1,2-Dichloroethane
Concen: 47.863 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.4





#43

Isopropyl Acetate

Concen: 48.382 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

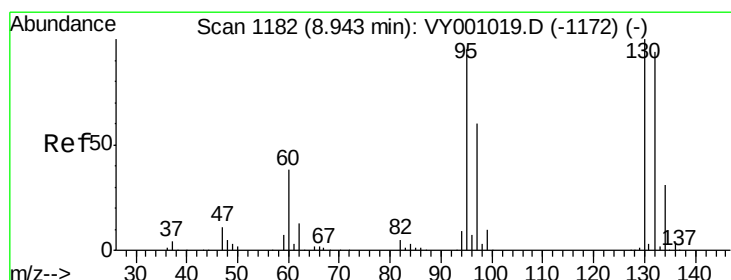
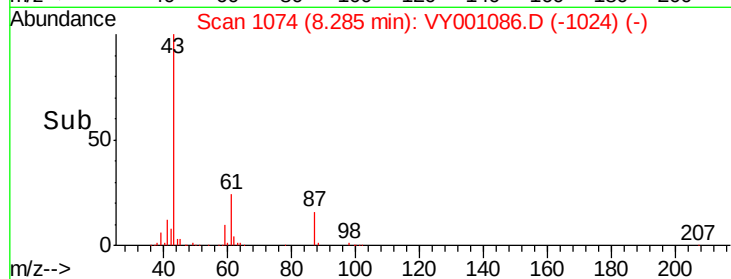
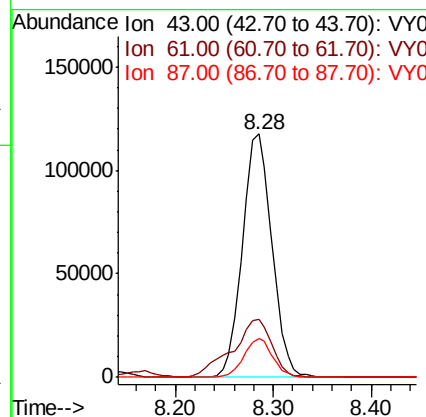
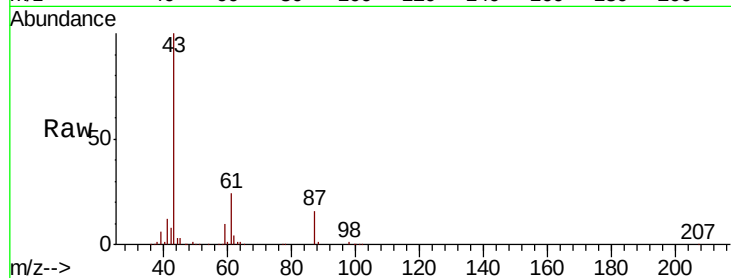
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	245845
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.0	37.6
87	15.7	12.0	18.0

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#44

Trichloroethene

Concen: 46.138 ug/l

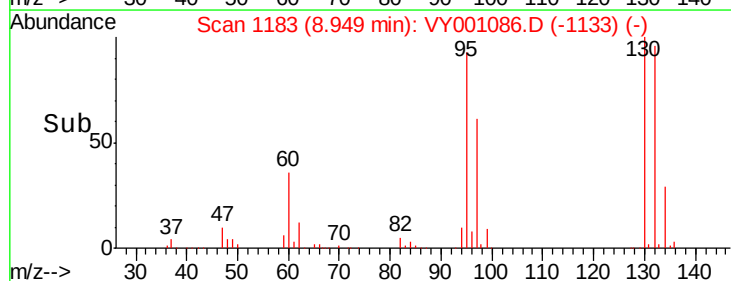
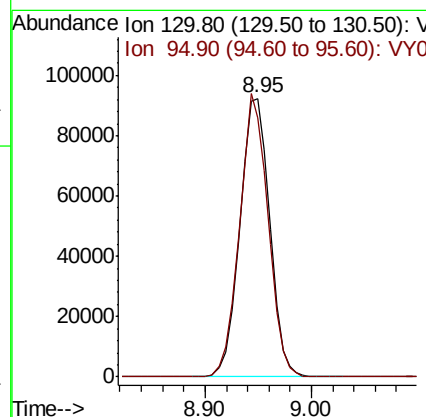
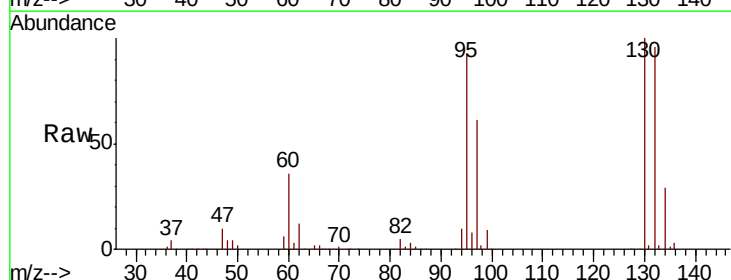
RT: 8.95 min Scan# 1183

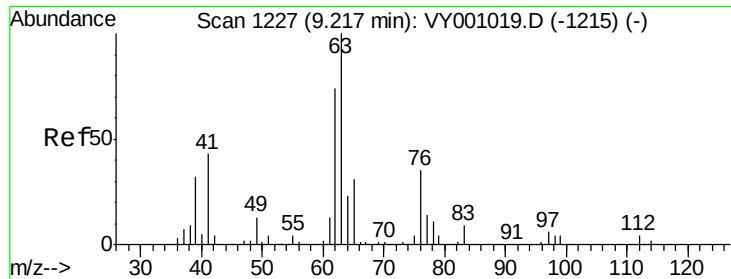
Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	130	Resp:	181809
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	190.6





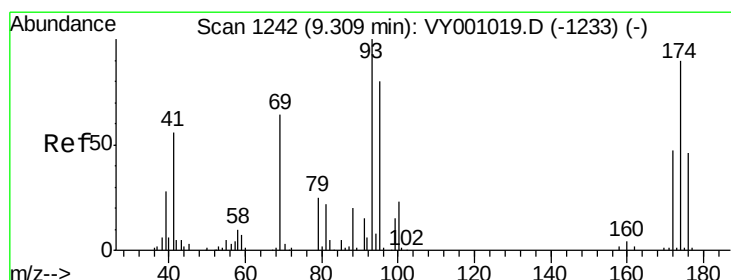
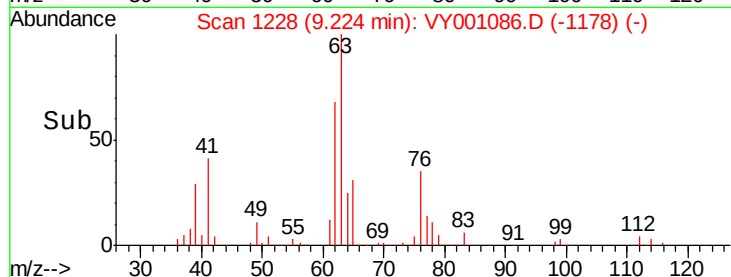
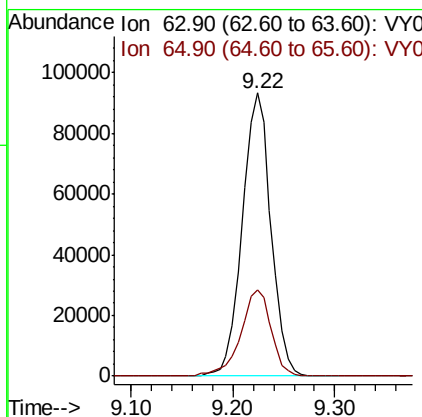
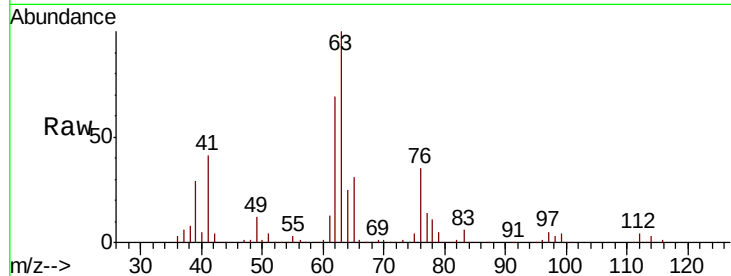
#45
 1,2-Dichloropropane
 Concen: 48.280 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 181141
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7

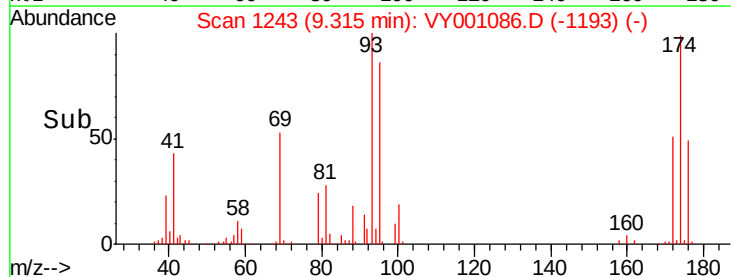
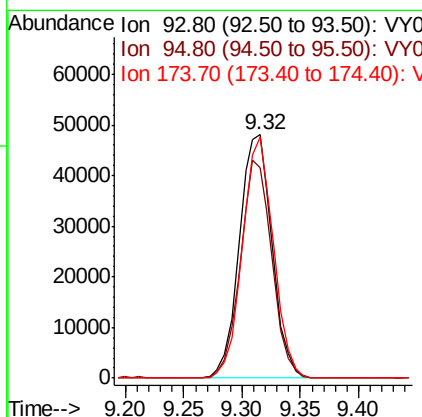
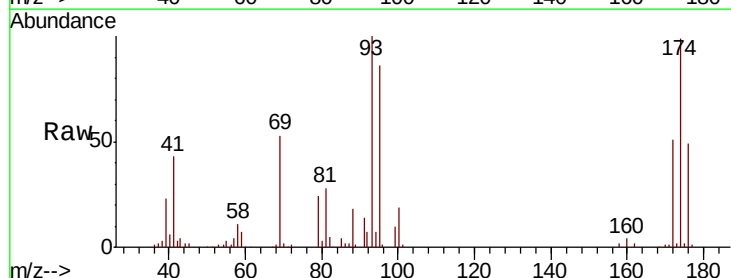
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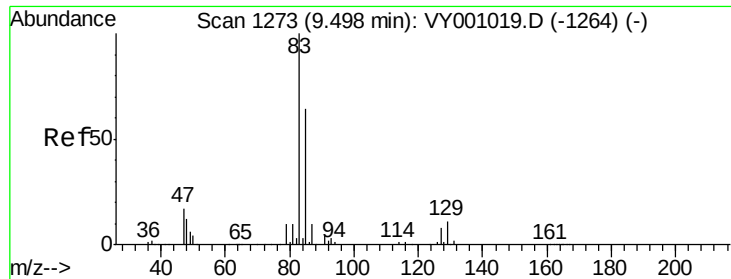
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#46
 Dibromomethane
 Concen: 48.408 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 93 Resp: 93623
 Ion Ratio Lower Upper
 93 100
 95 86.5 66.7 100.1
 174 94.1 73.6 110.4





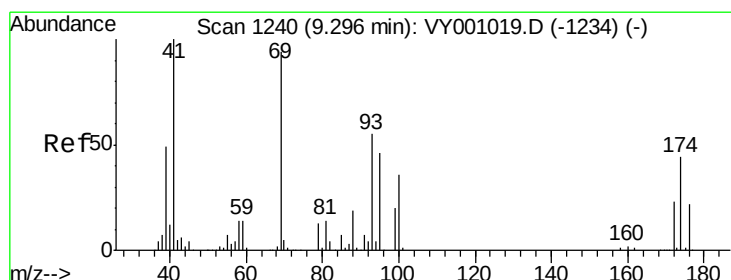
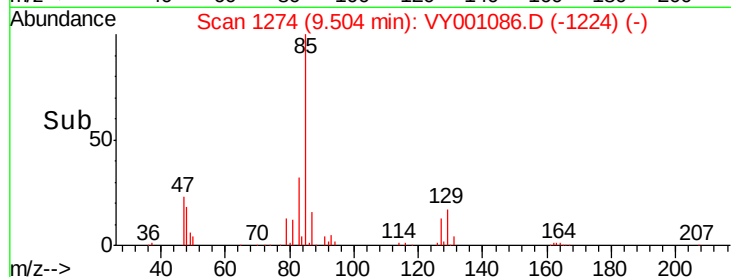
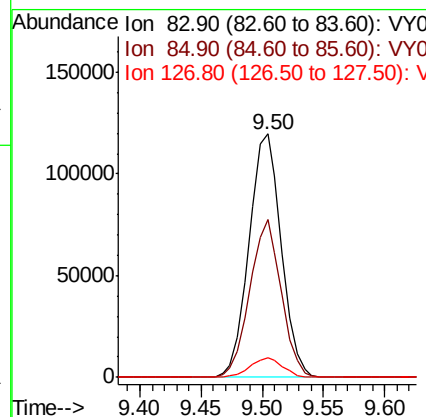
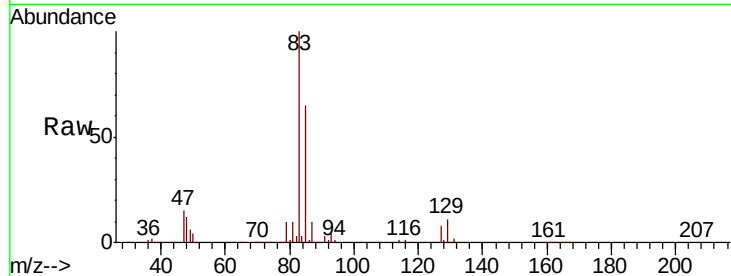
#47
Bromodichloromethane
Concen: 48.816 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3
127	8.1	6.4	9.6

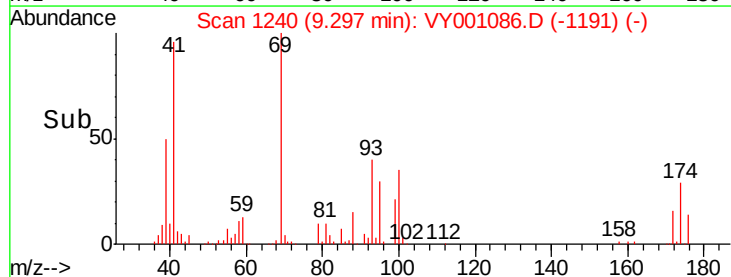
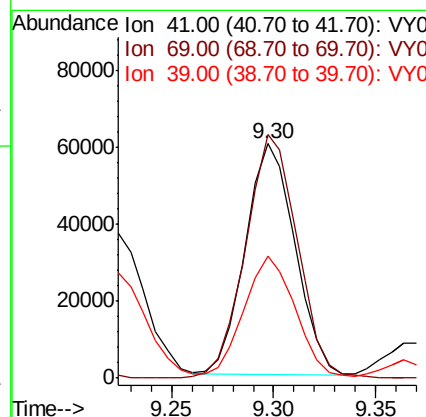
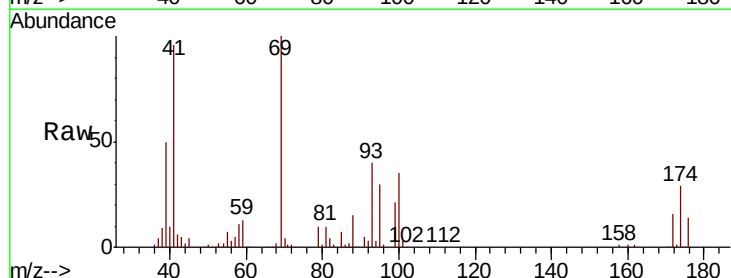
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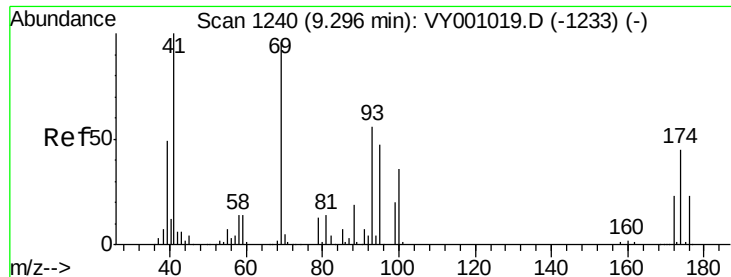
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#48
Methyl methacrylate
Concen: 46.922 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	110.3	79.8	119.6
39	55.0	41.7	62.5





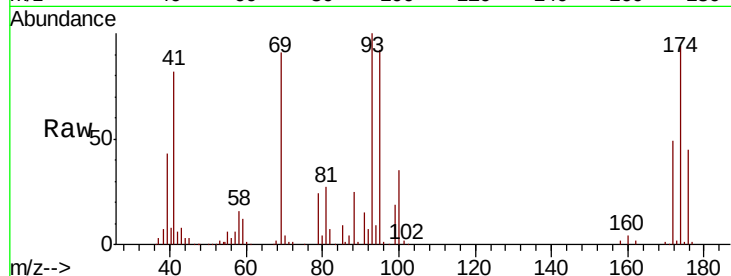
#49
1,4-Dioxane
Concen: 952.289 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.0	34.4
58	73.3	54.9	82.3

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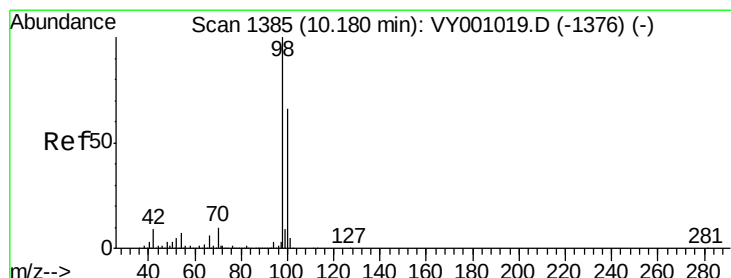
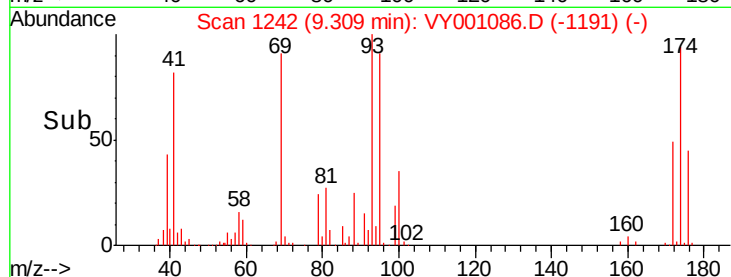
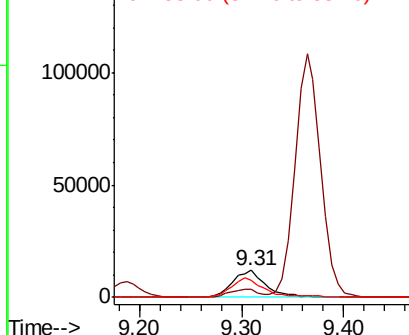


Abundance

Ion 88.00 (87.70 to 88.70): VY0

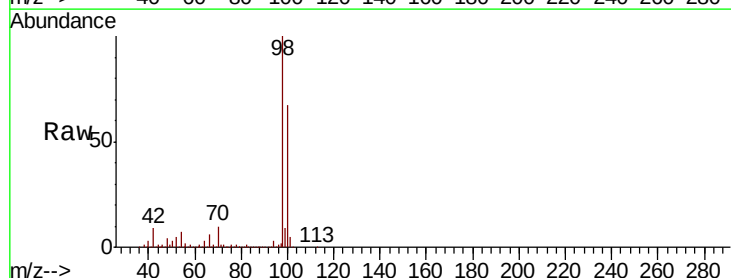
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

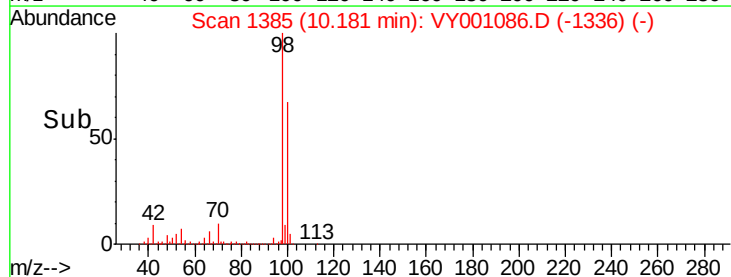
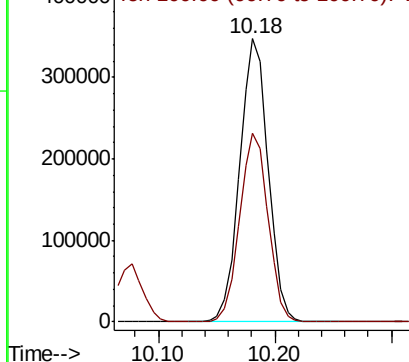
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

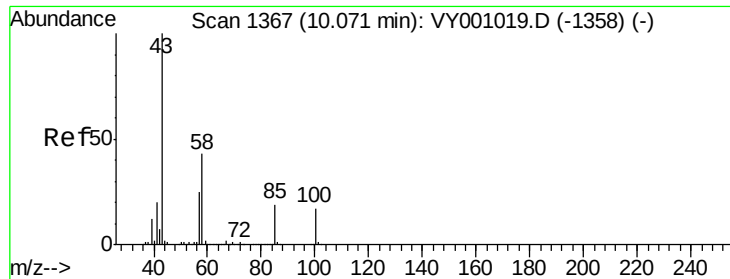


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 243.975 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 646156

Ion Ratio Lower Upper

43 100

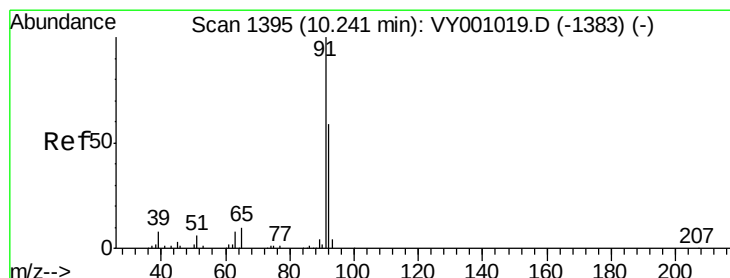
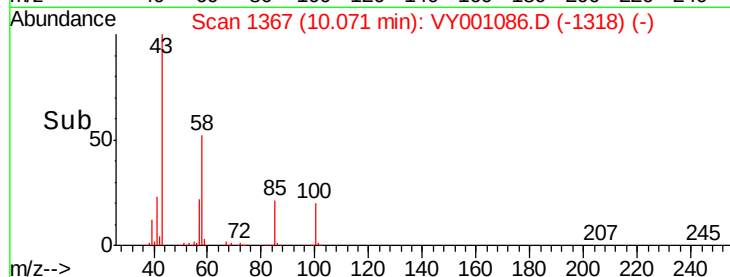
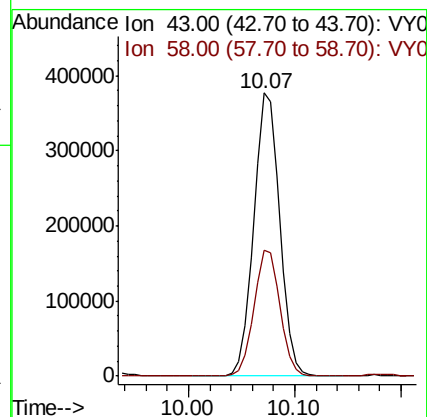
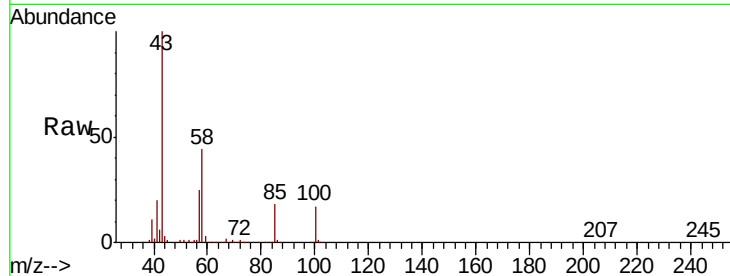
58 44.4 34.6 52.0

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#52

Toluene

Concen: 46.593 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001086.D

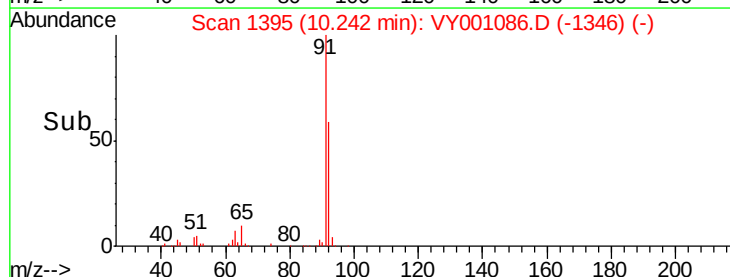
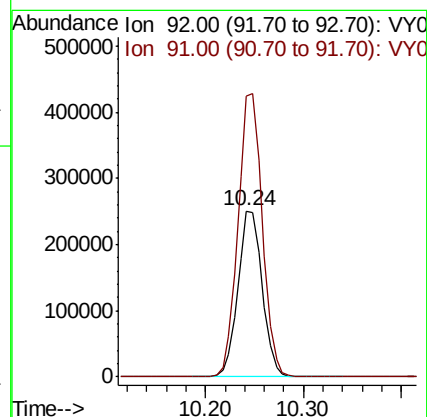
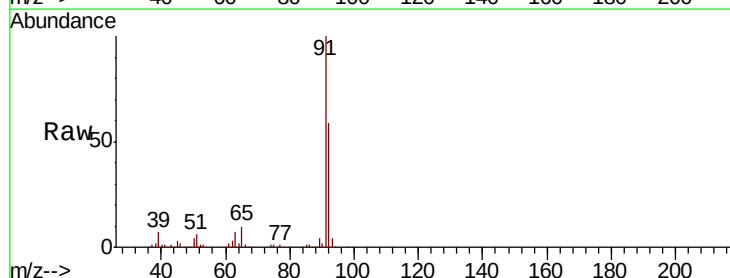
Acq: 26 Dec 2019 20:22

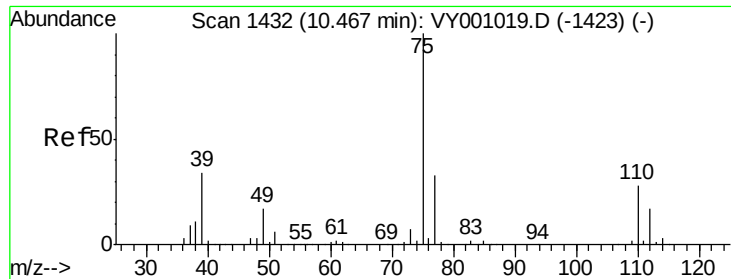
Tgt Ion: 92 Resp: 428891

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5





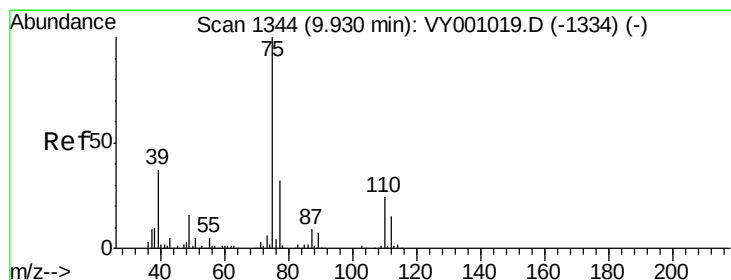
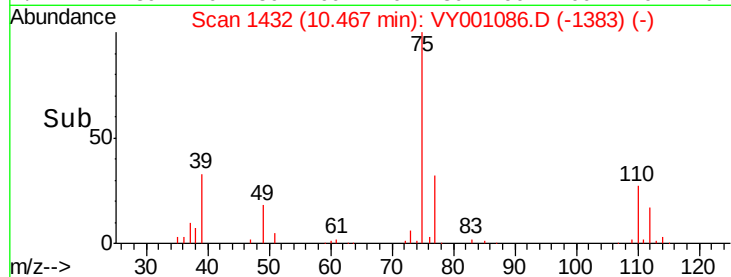
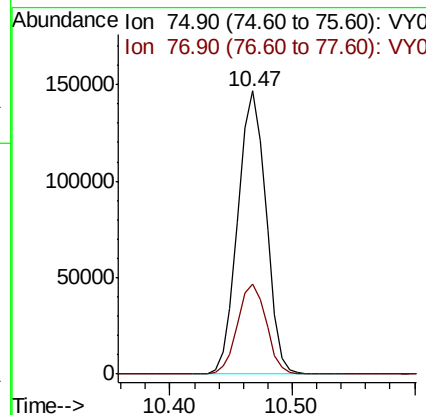
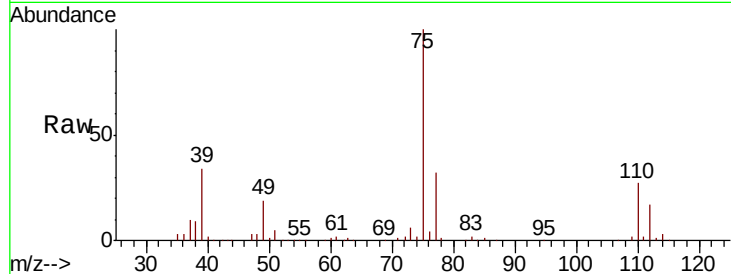
#53
t-1,3-Dichloropropene
Concen: 48.102 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.5	39.7

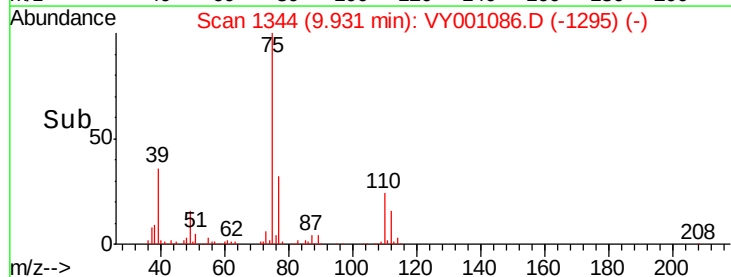
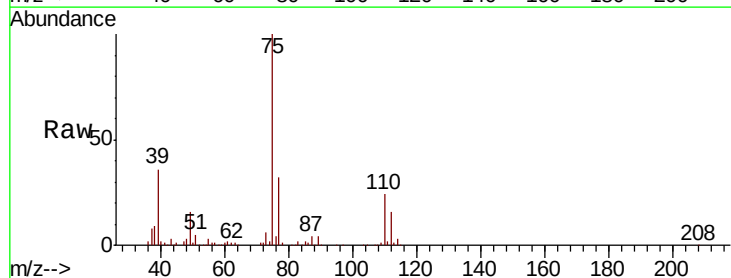
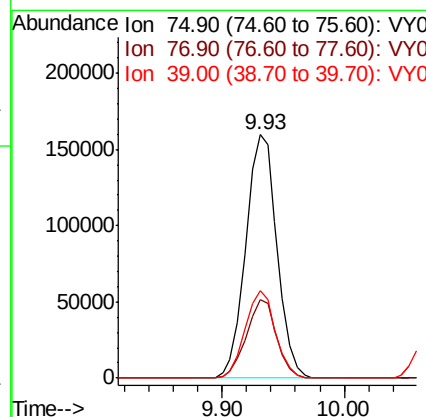
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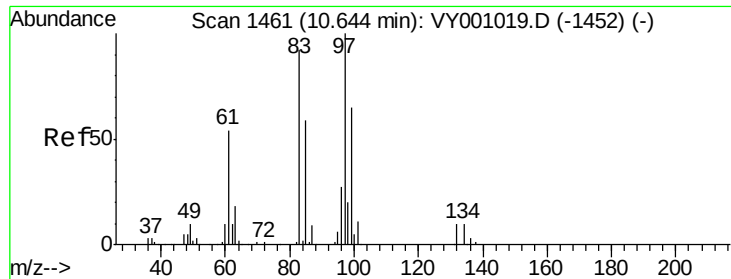
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#54
cis-1,3-Dichloropropene
Concen: 48.210 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
39	35.8	29.5	44.3





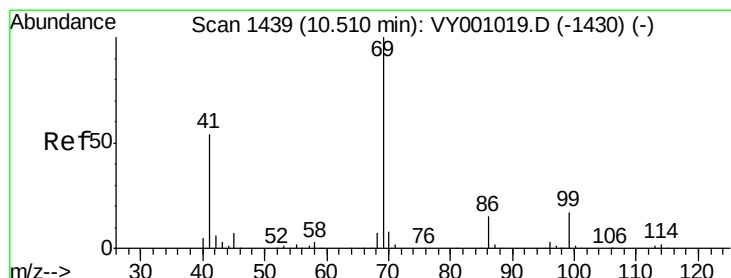
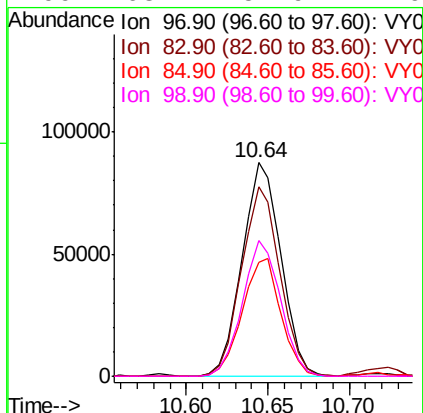
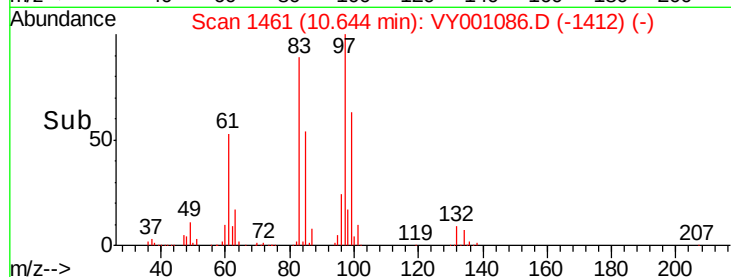
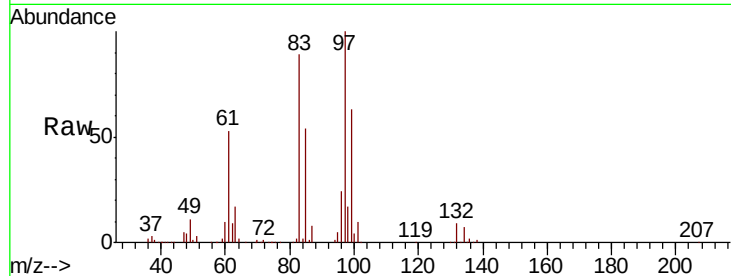
#55
 1,1,2-Trichloroethane
 Concen: 50.270 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.5	73.7	110.5
85	53.6	47.3	70.9
99	63.4	51.9	77.9

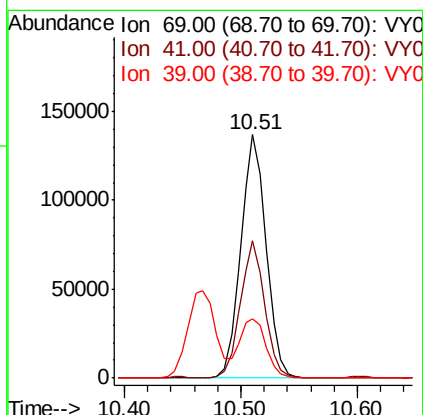
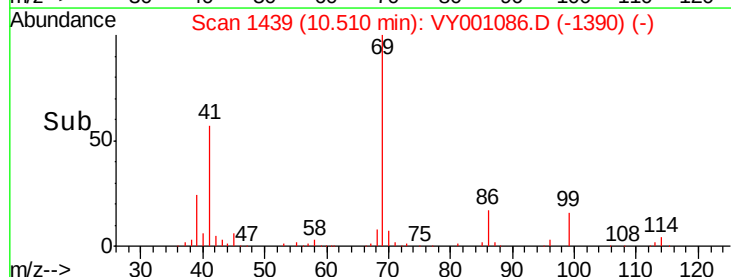
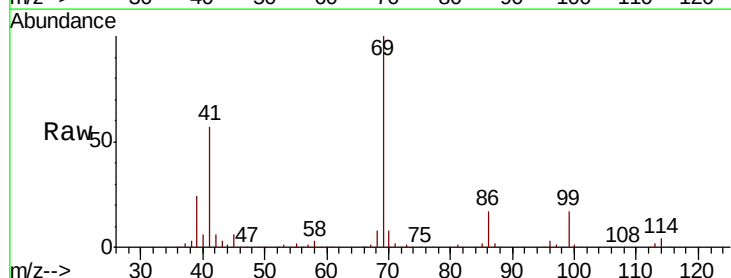
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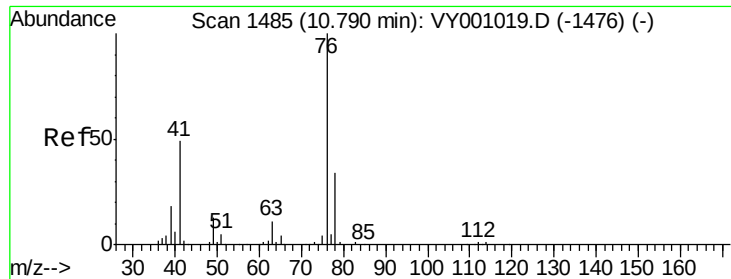
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#56
 Ethyl methacrylate
 Concen: 50.591 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.7	44.7	67.1
39	24.4	22.2	33.4





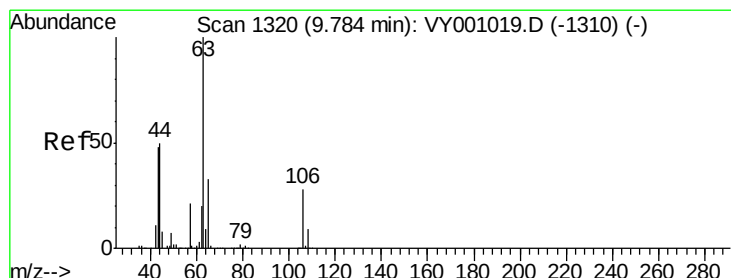
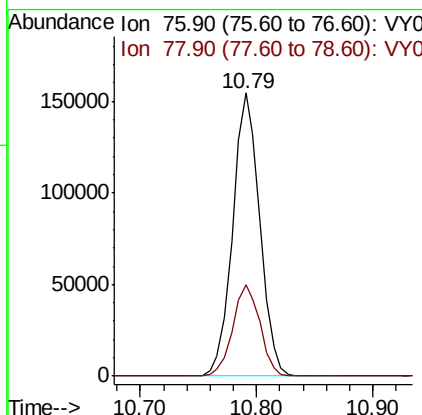
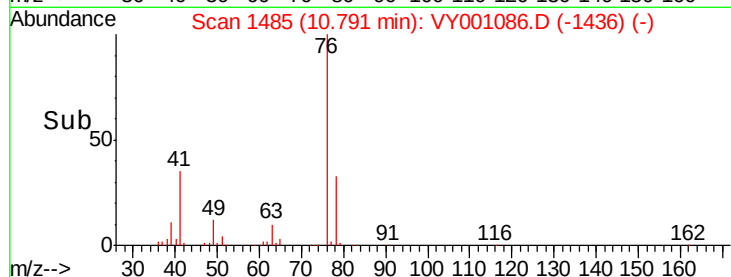
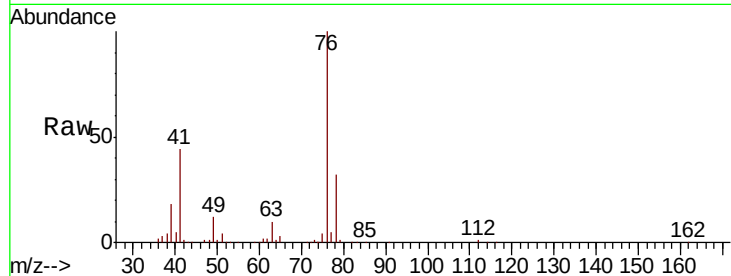
#57
 1,3-Dichloropropane
 Concen: 49.241 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

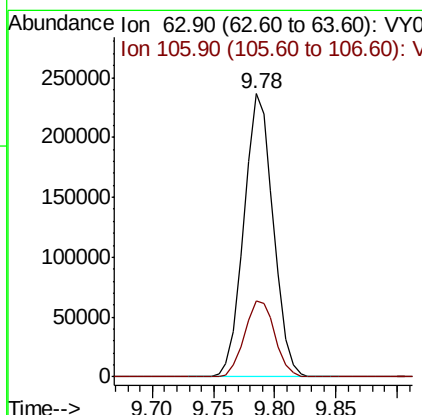
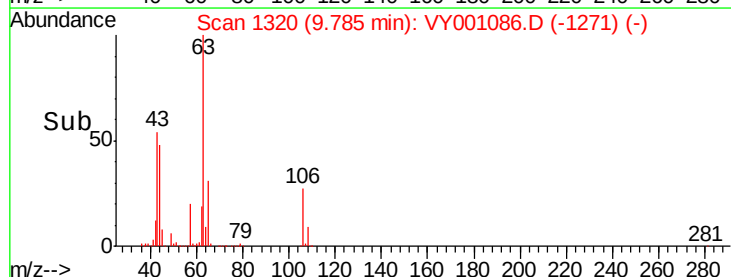
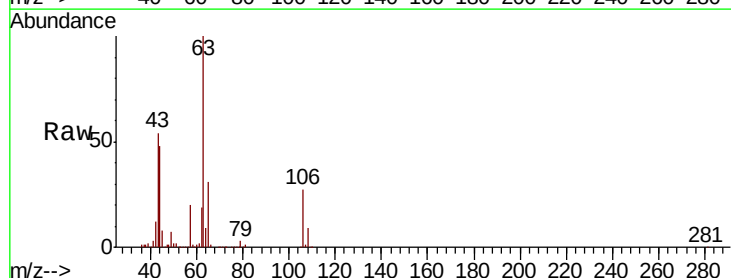
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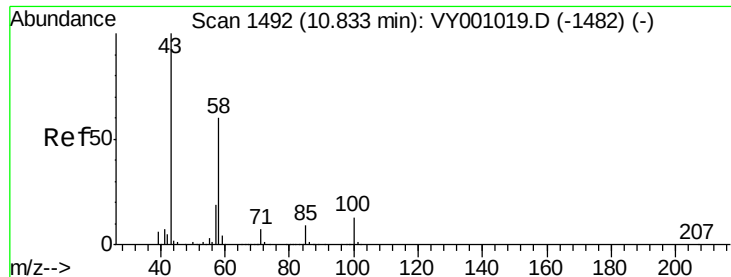
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.416 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.7	34.1





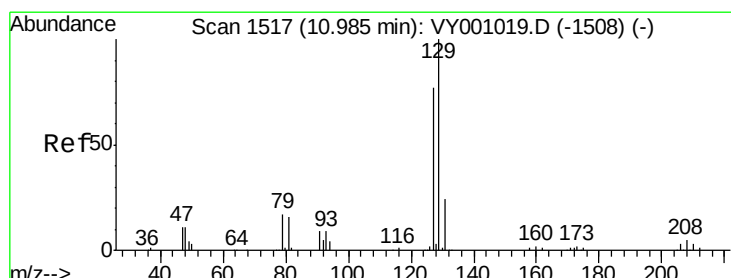
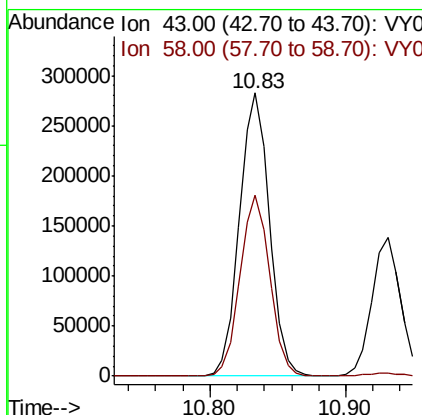
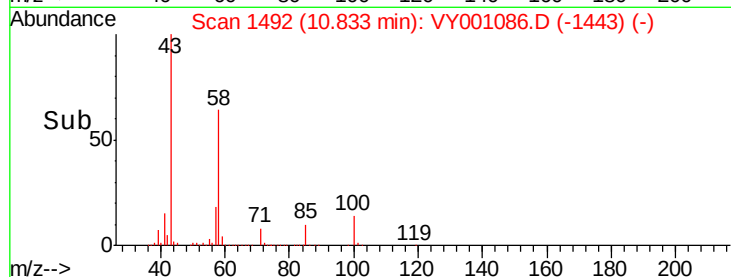
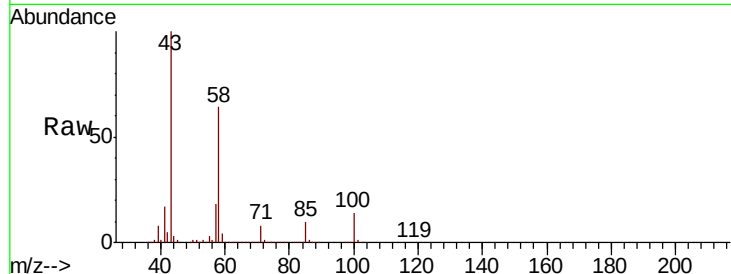
#59
2-Hexanone
Concen: 237.452 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	435149
Ion Ratio	100	Lower	Upper
43	100		
58	63.4	30.6	91.6

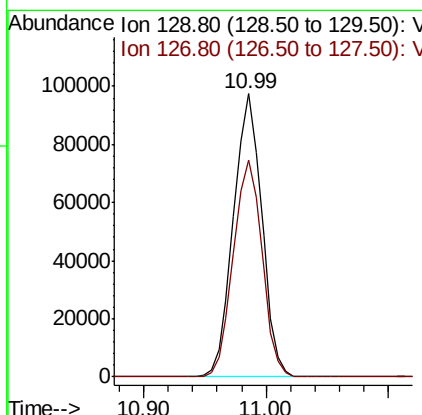
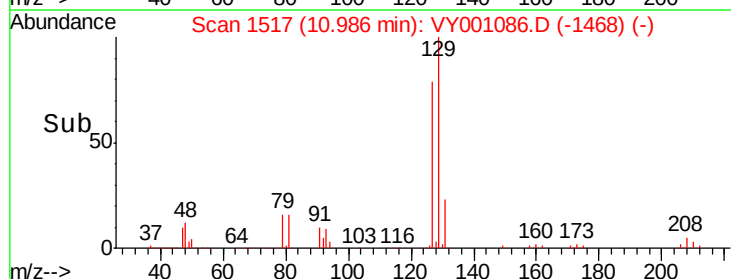
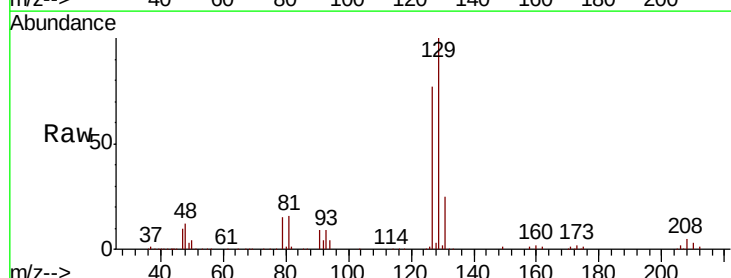
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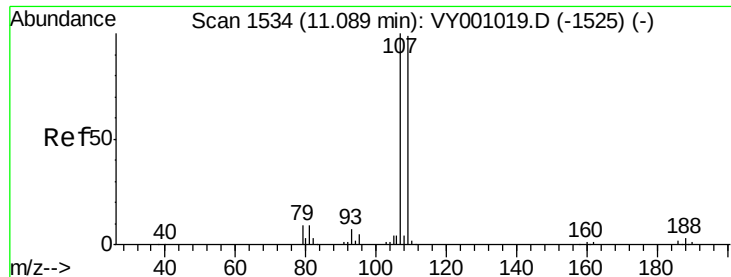
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#60
Dibromochloromethane
Concen: 50.748 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	129	Resp	156515
Ion Ratio	100	Lower	Upper
129	100		
127	77.6	39.1	117.3





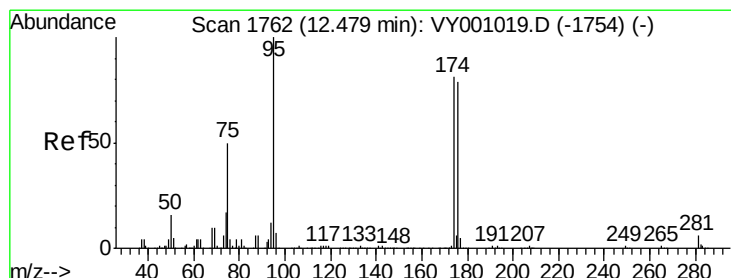
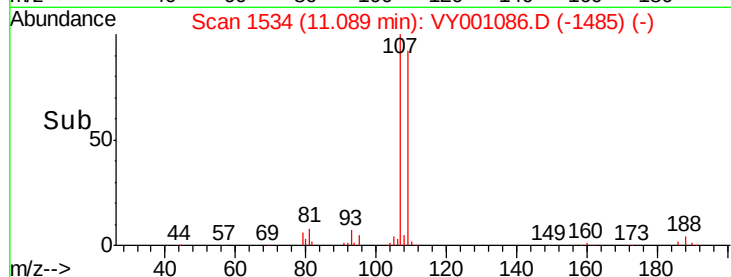
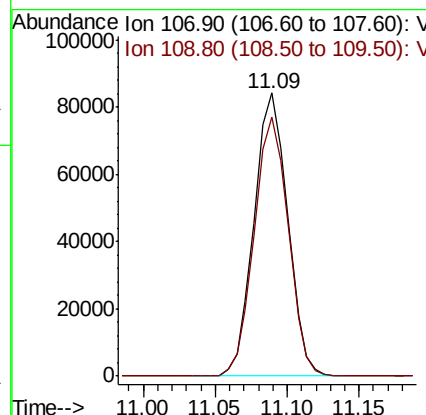
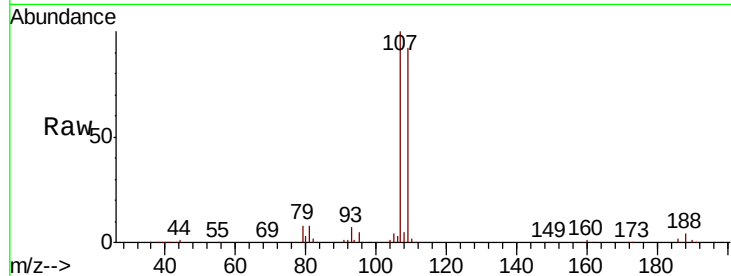
#61
 1,2-Dibromoethane
 Concen: 49.288 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	136086		
109	92.9	74.8	112.2	

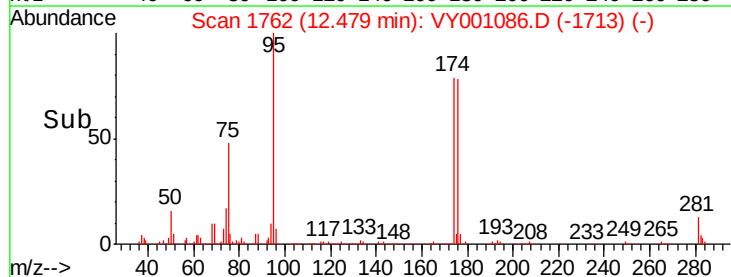
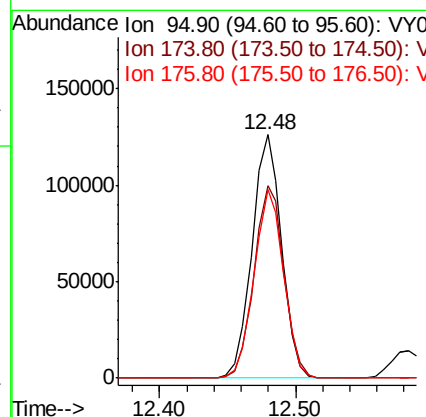
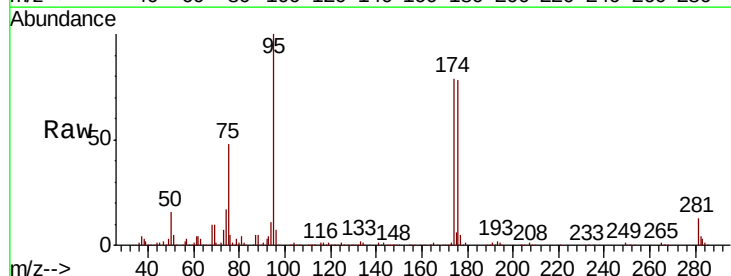
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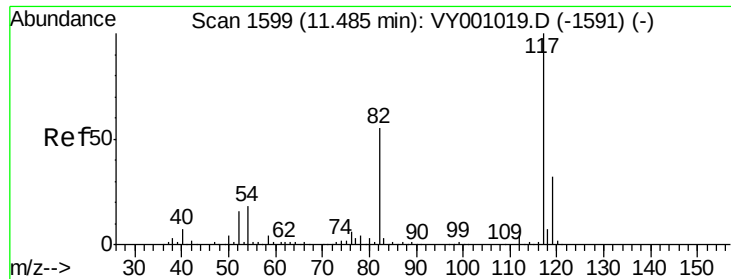
apatel
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#62
 4-Bromofluorobenzene
 Concen: 43.837 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	191660		
174	80.0	0.0	156.4	
176	77.8	0.0	155.0	





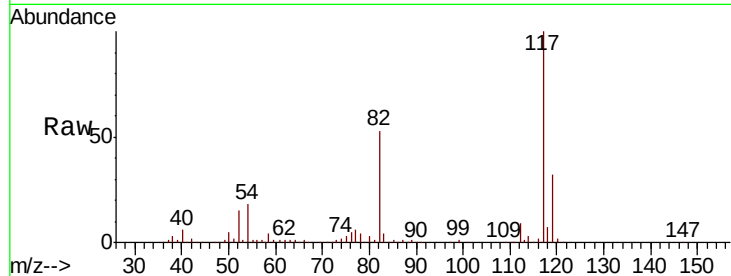
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	32.3	25.8	38.6

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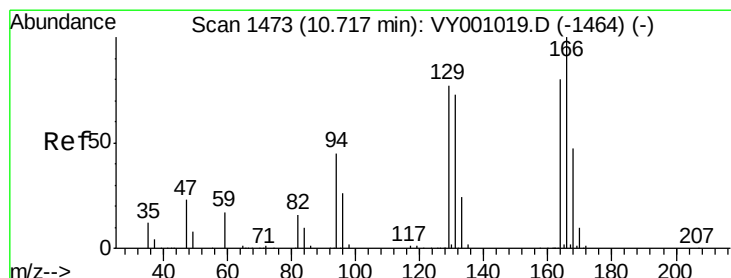
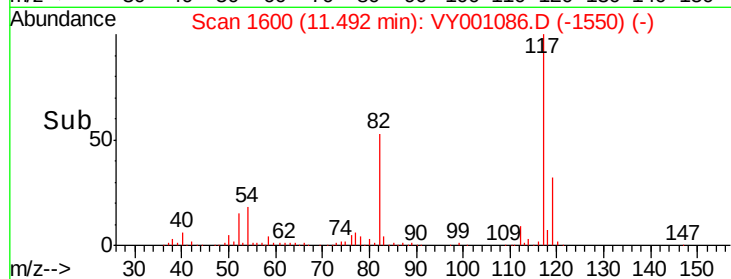
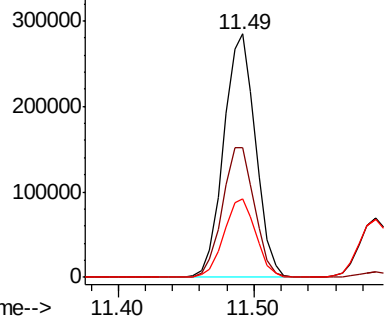


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.409 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	99.7	149.5
129	92.6	76.9	115.3
131	88.8	72.3	108.5

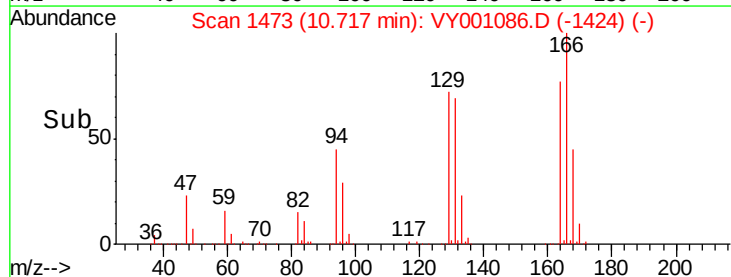
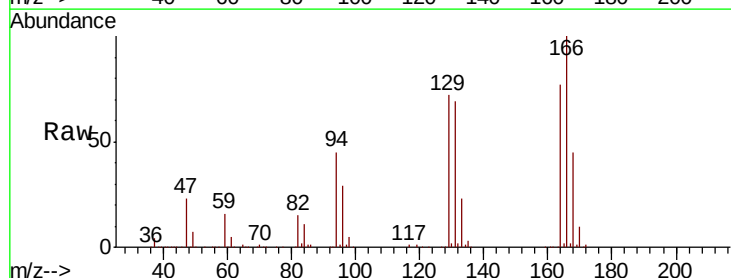
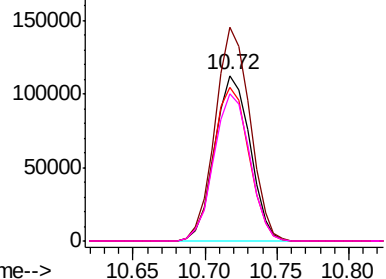
Abundance

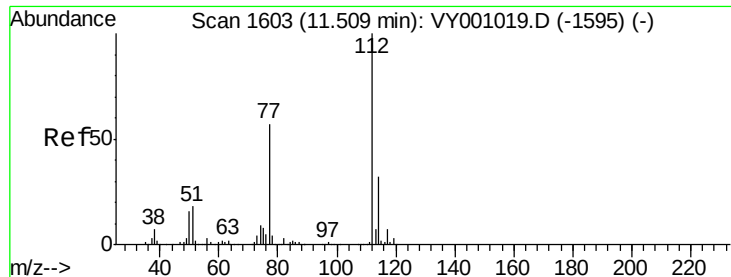
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.346 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 458687

Ion Ratio Lower Upper

112 100

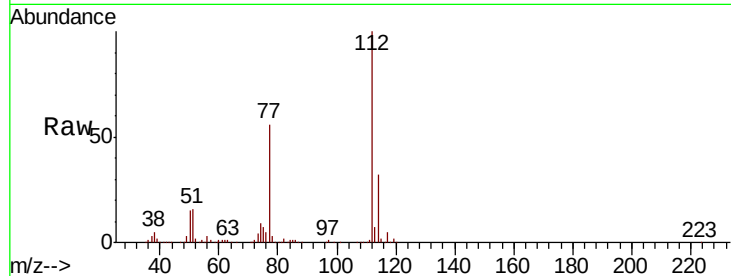
114 32.2 25.4 38.2

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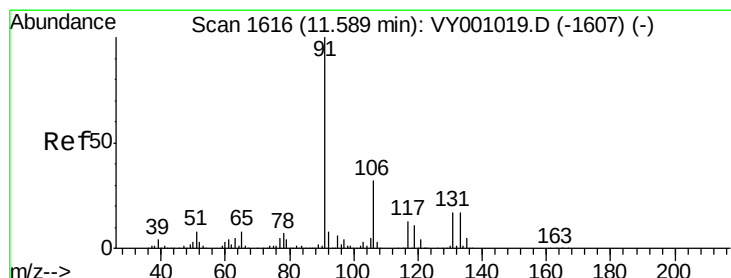
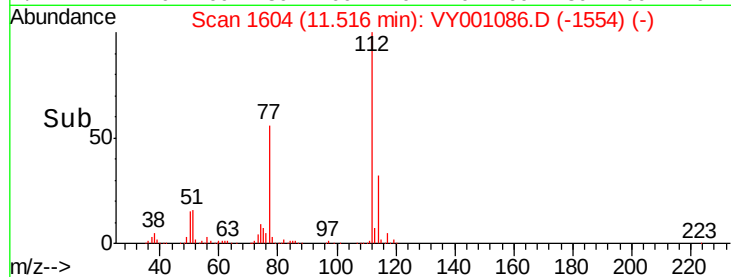
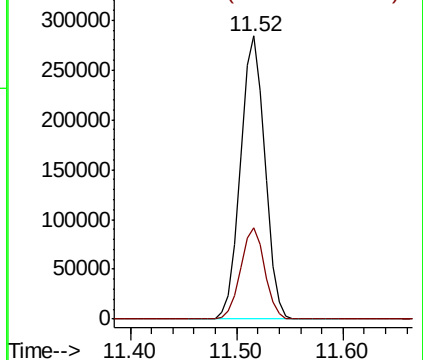
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.750 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

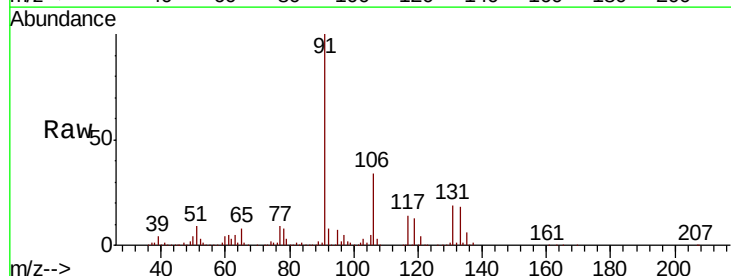
Tgt Ion:131 Resp: 159053

Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.4

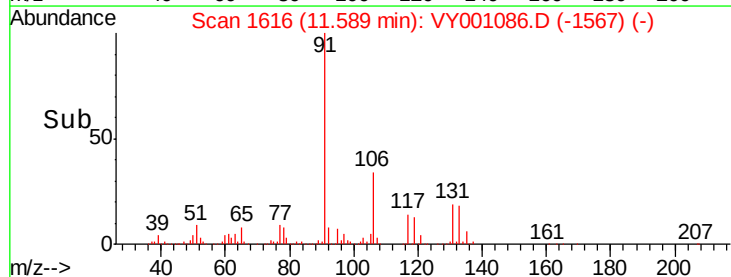
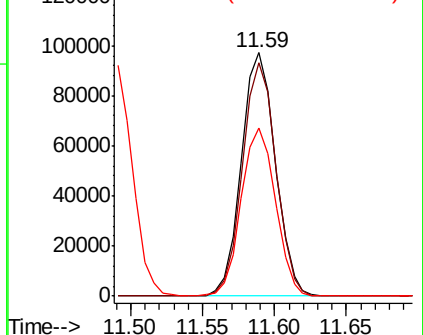
119 69.9 34.0 101.8

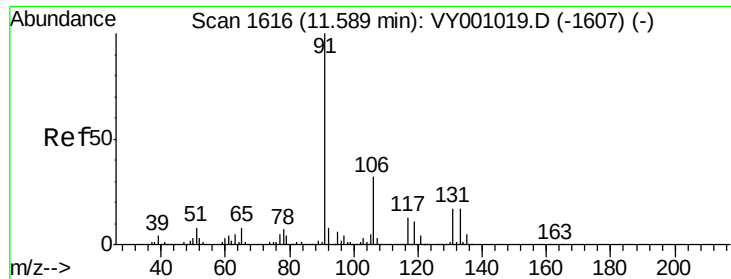


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





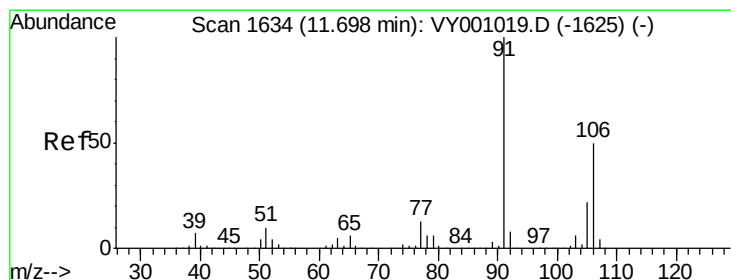
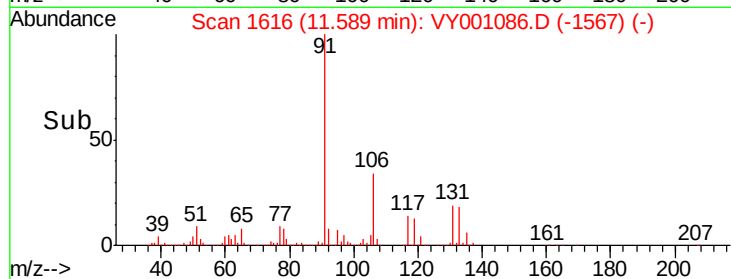
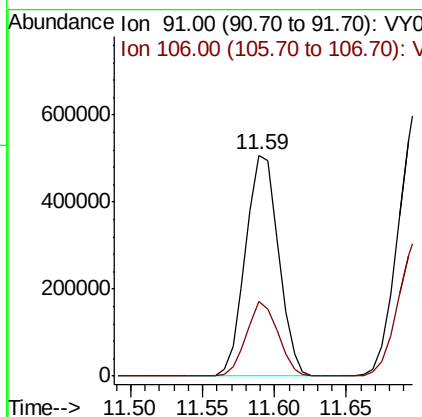
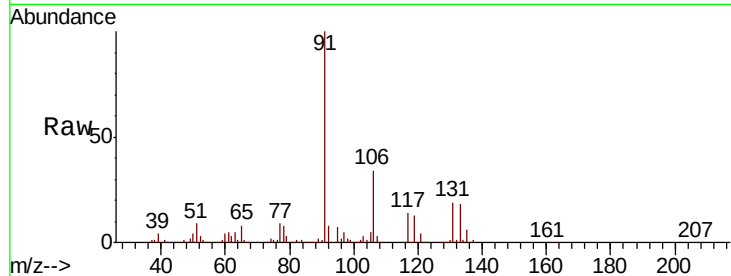
#67
Ethyl Benzene
Concen: 46.288 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 806591
Ion Ratio Lower Upper
91 100
106 33.6 25.3 37.9

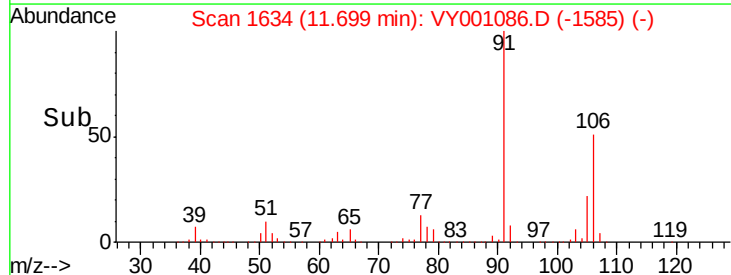
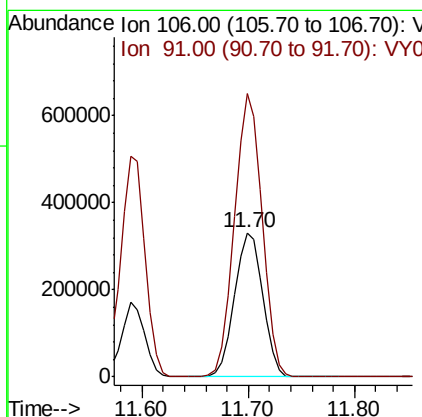
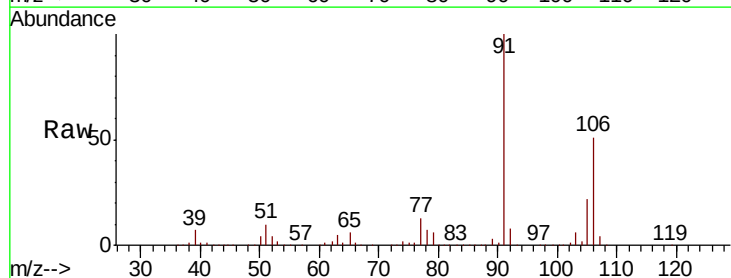
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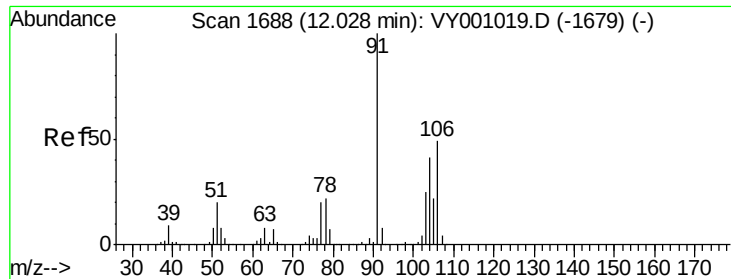
apatel
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#68
m/p-Xylenes
Concen: 93.219 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 106 Resp: 616772
Ion Ratio Lower Upper
106 100
91 192.2 156.4 234.6





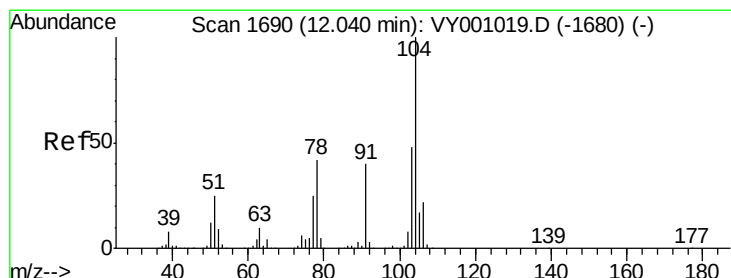
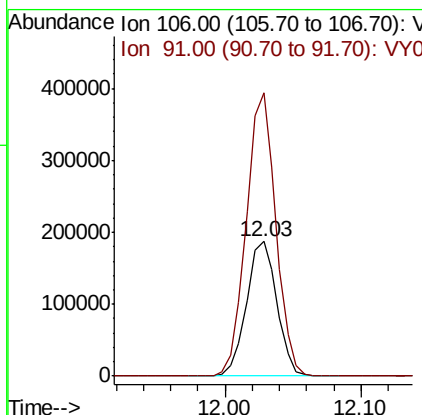
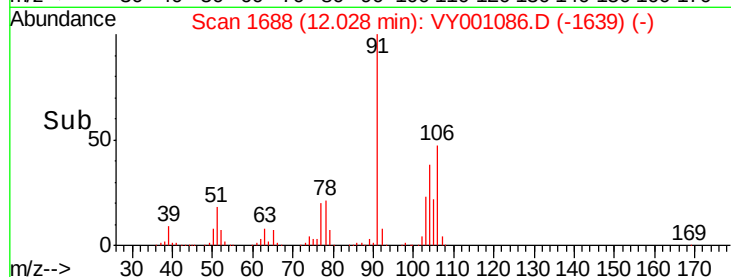
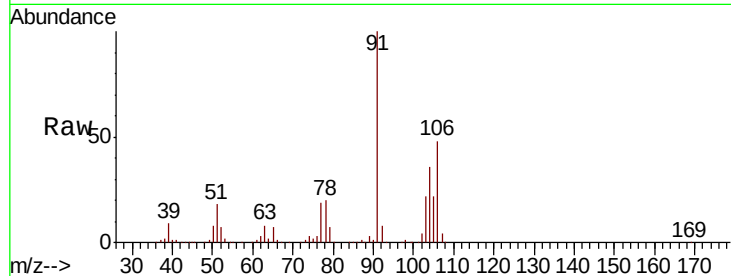
#69
o-Xylene
Concen: 47.115 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 293268
Ion Ratio Lower Upper
106 100
91 204.6 103.0 309.0

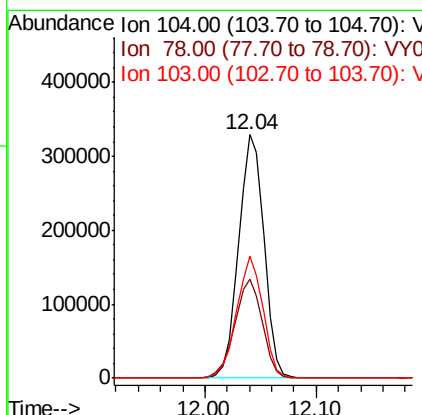
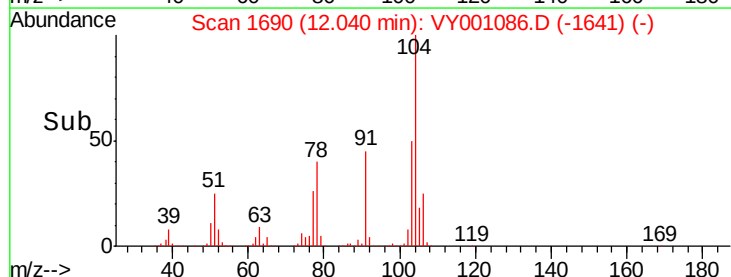
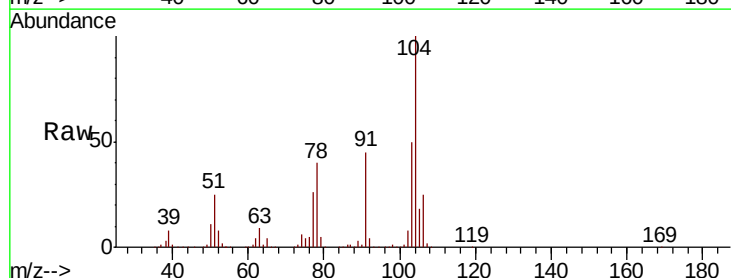
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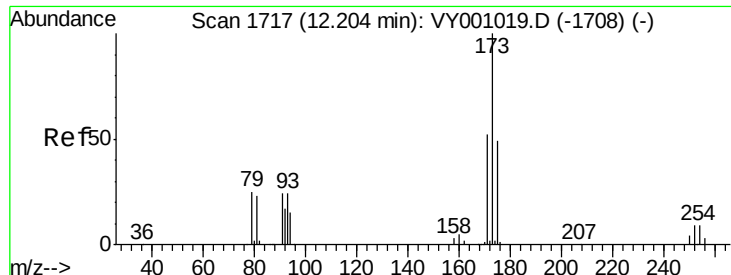
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#70
Styrene
Concen: 48.882 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:104 Resp: 517358
Ion Ratio Lower Upper
104 100
78 44.2 36.6 54.8
103 52.2 42.6 64.0





#71

Bromoform

Concen: 50.430 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89774

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

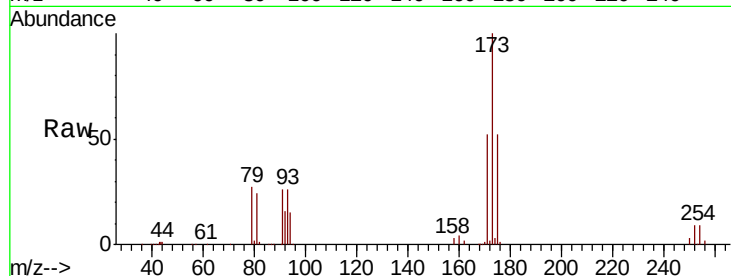
254 0.0 0.0 0.0

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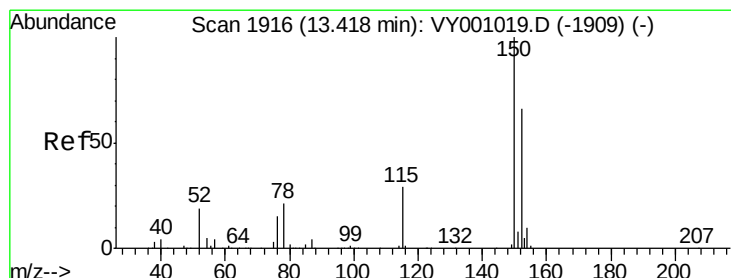
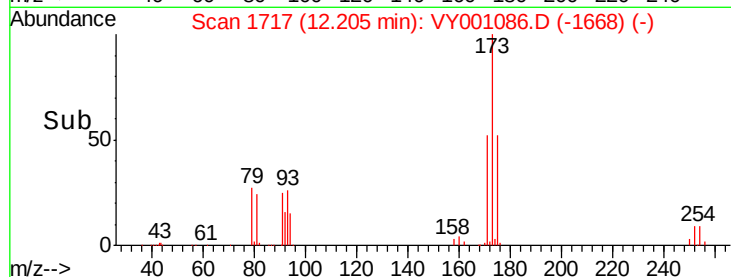
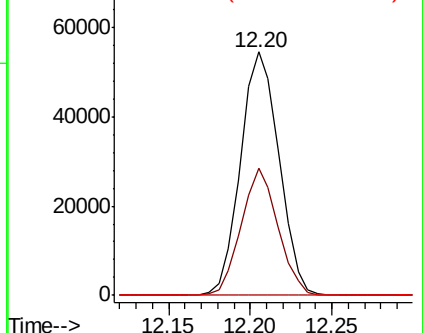
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

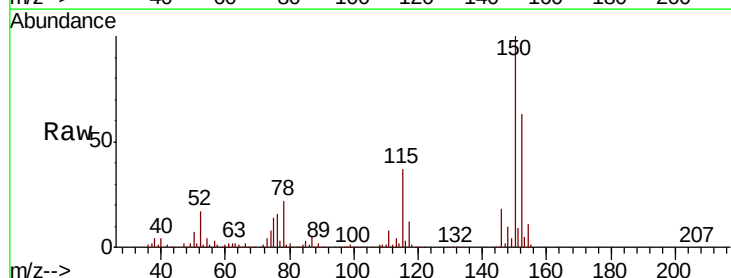
Tgt Ion:152 Resp: 208911

Ion Ratio Lower Upper

152 100

115 58.7 29.8 89.3

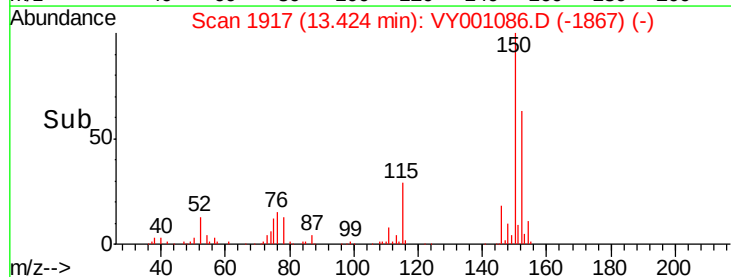
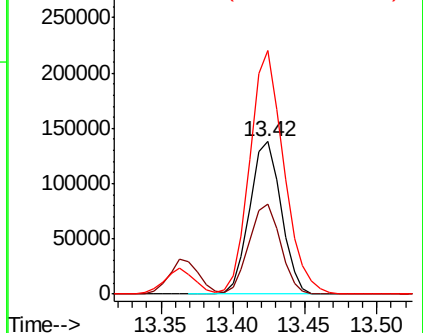
150 171.4 0.0 352.6

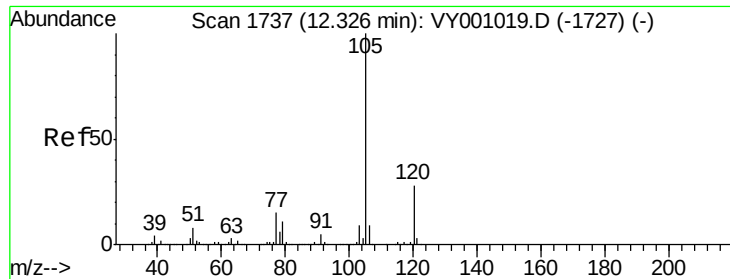


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





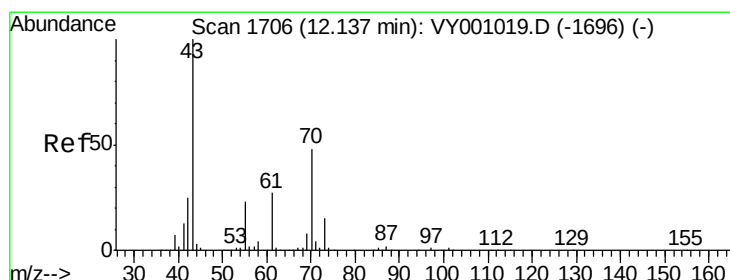
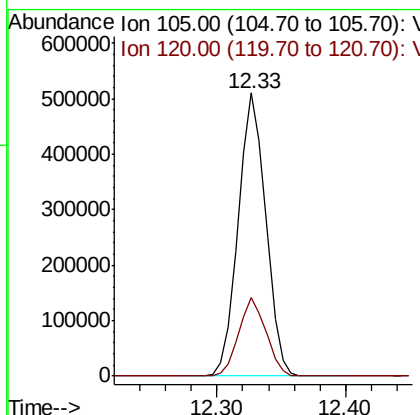
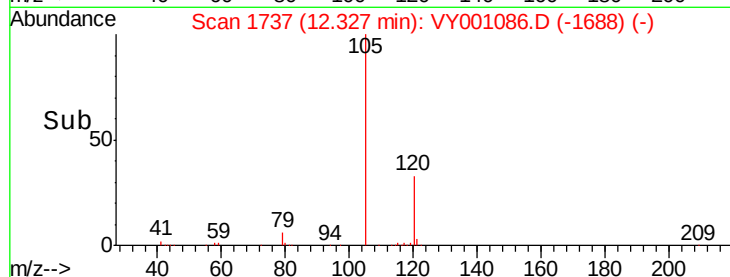
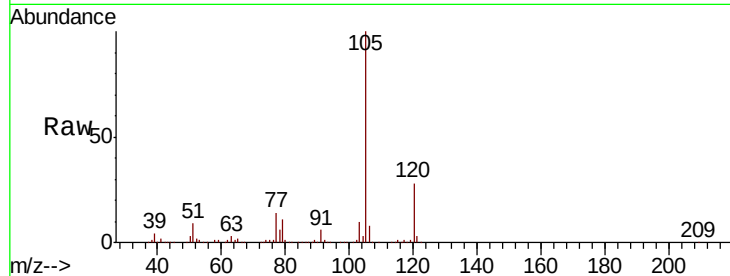
#73
Isopropylbenzene
Concen: 46.778 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.4	40.2

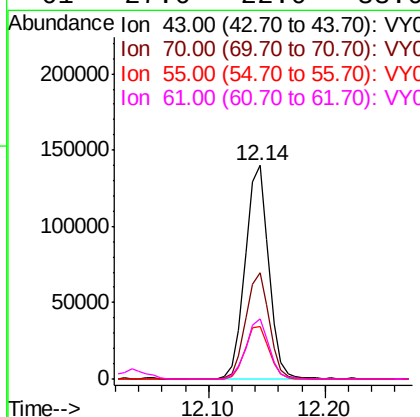
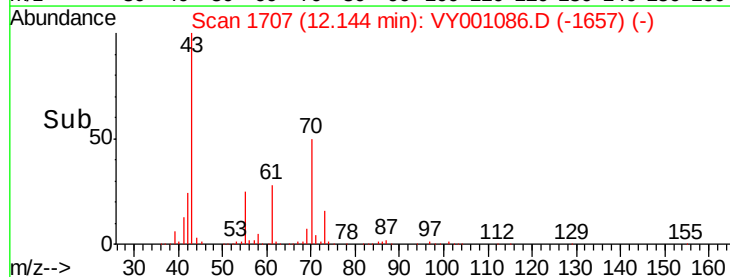
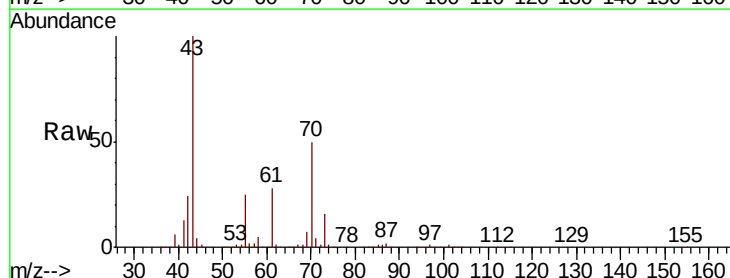
Manual Integrations
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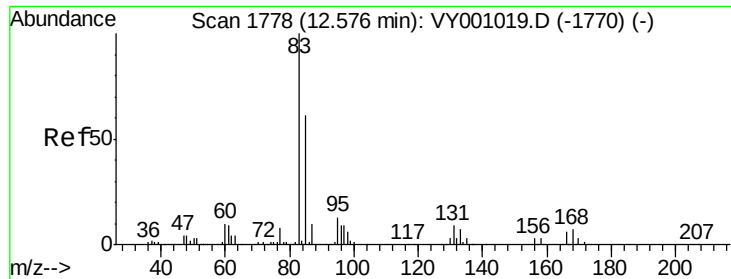
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#74
N-ethyl acetate
Concen: 46.596 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.0	39.0	58.6
55	25.5	19.5	29.3
61	27.6	22.0	33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.564 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

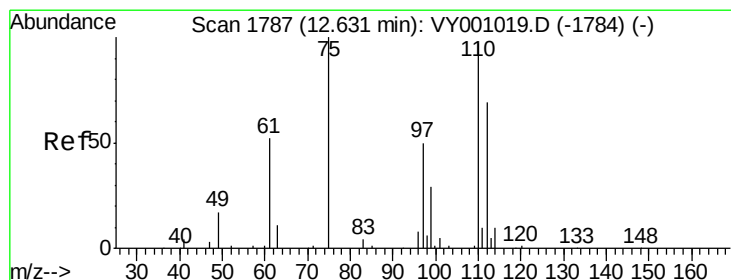
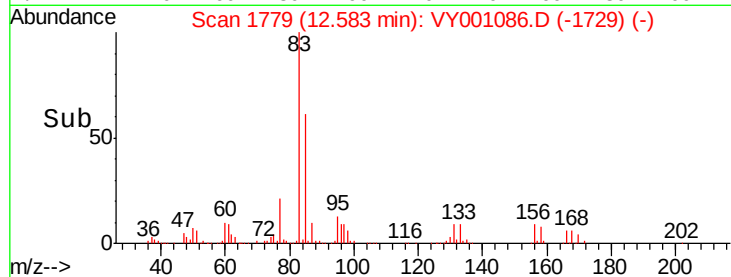
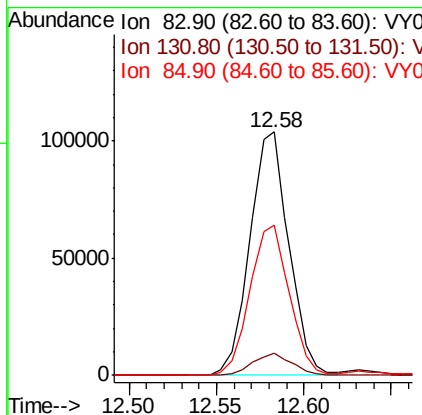
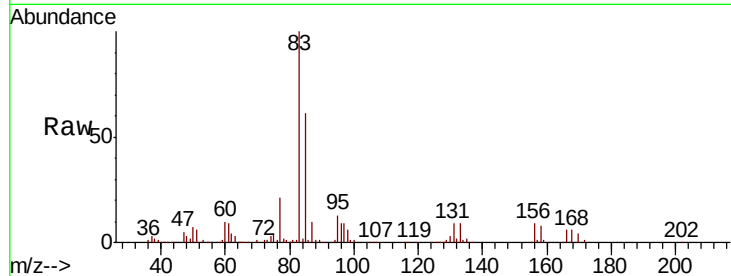
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	161036
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.1	15.3
85	62.4	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.584 ug/l m

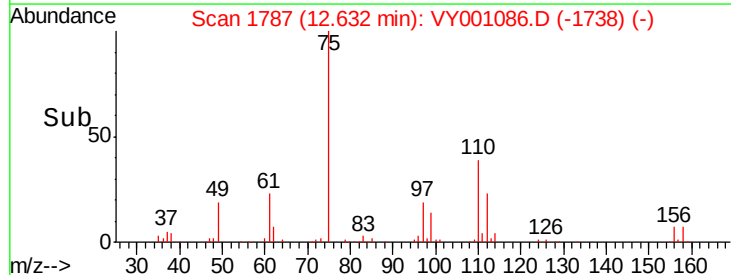
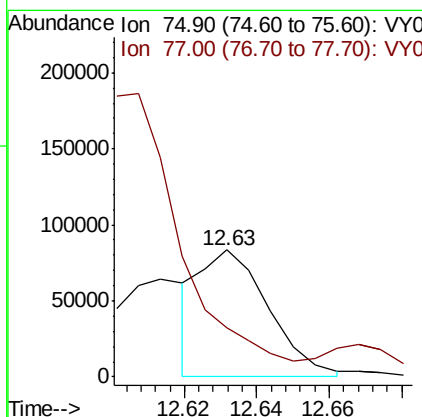
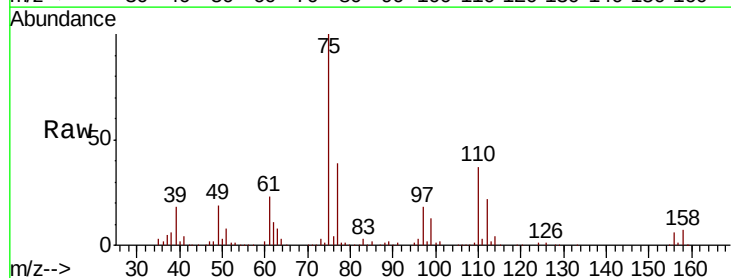
RT: 12.63 min Scan# 1787

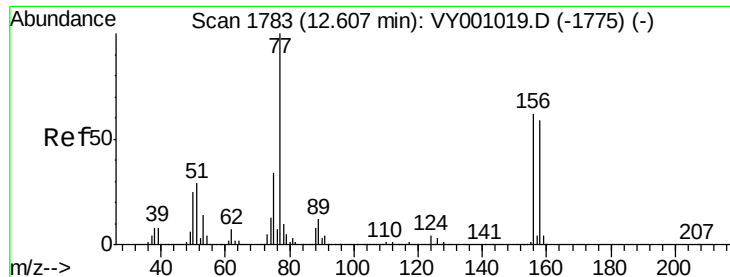
Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	75	Resp:	109674
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.831 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

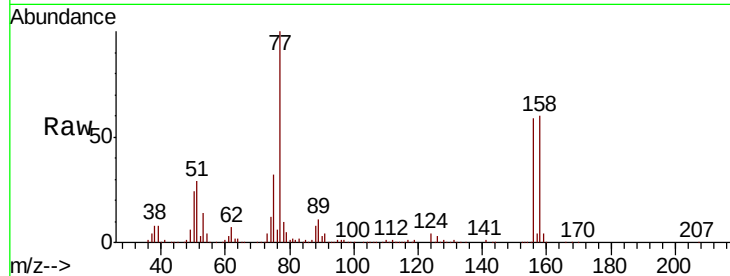
ClientSampleId :

VSTDCCC050EC

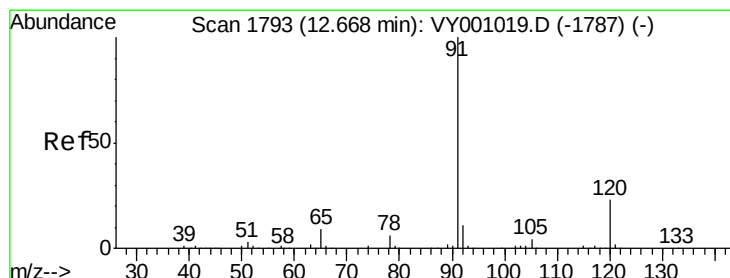
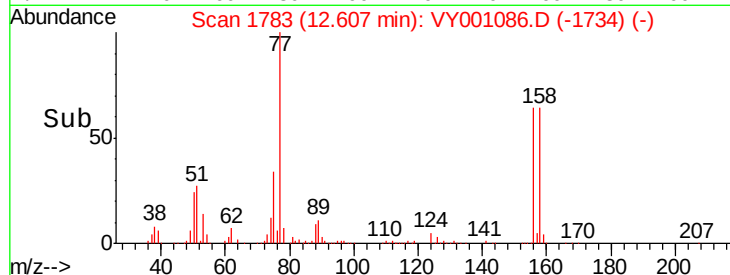
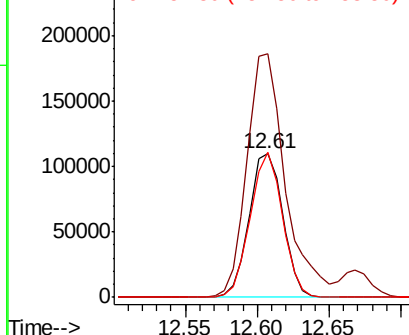
Tot Ion:	156	Resp:	177544
Ion Ratio	Lower	Upper	
156	100		
77	192.9	98.0	294.1
158	96.6	48.5	145.6

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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: 46.309 ug/l

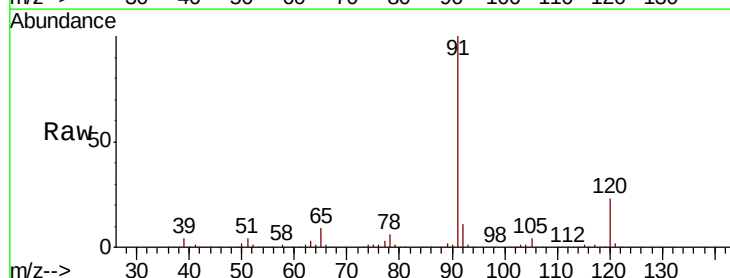
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

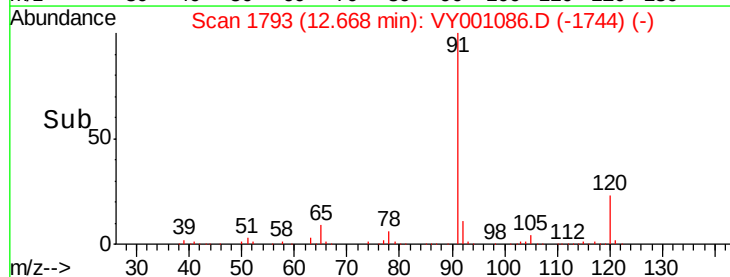
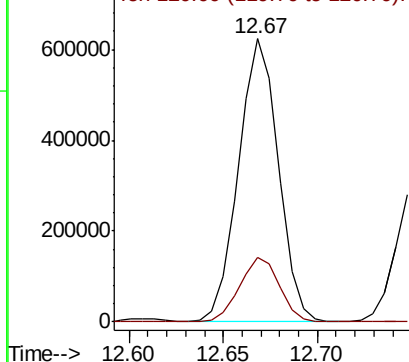
Lab File: VY001086.D

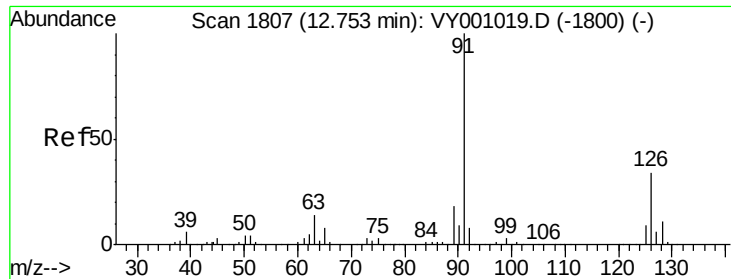
Acq: 26 Dec 2019 20:22

Tgt Ion:	91	Resp:	912243
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.4	34.2



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





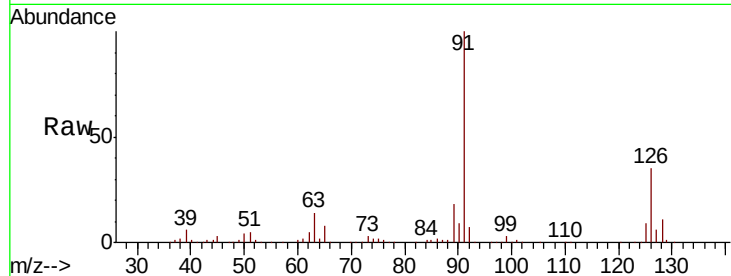
#79
 2-Chlorotoluene
 Concen: 46.424 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

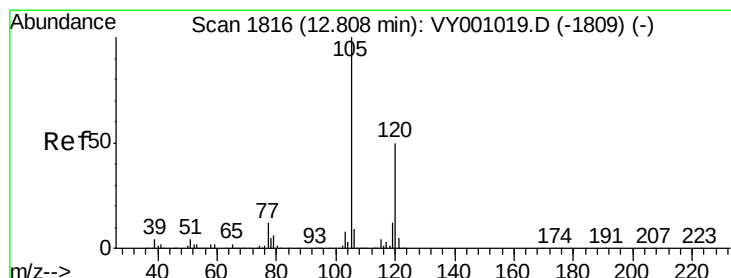
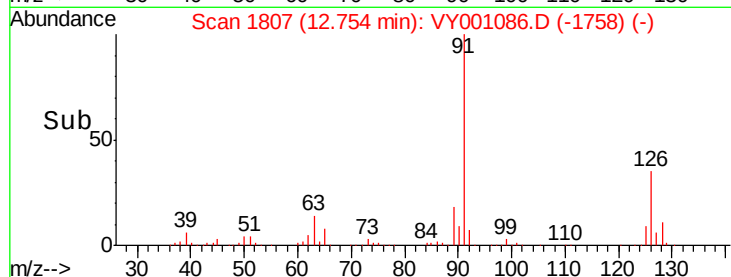
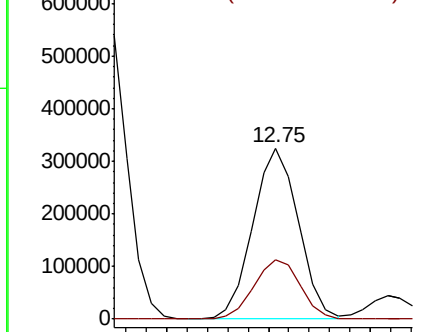
Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.3	51.7

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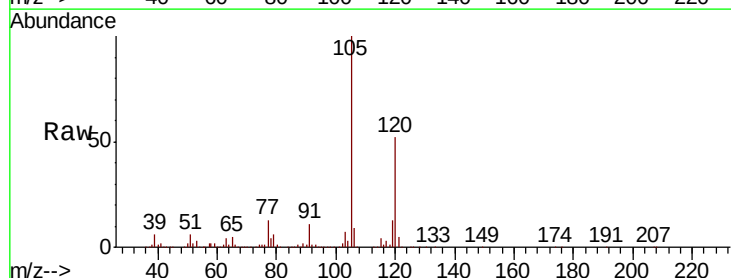


Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)
 Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)

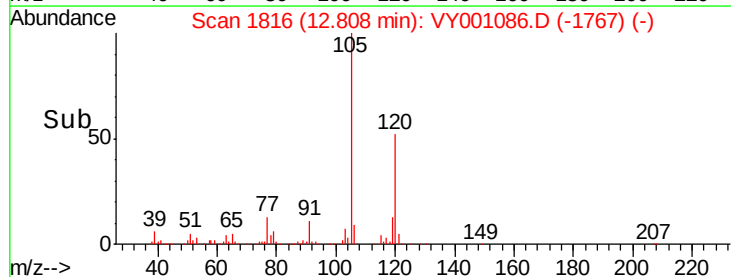
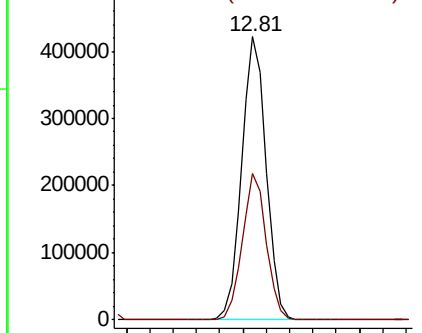


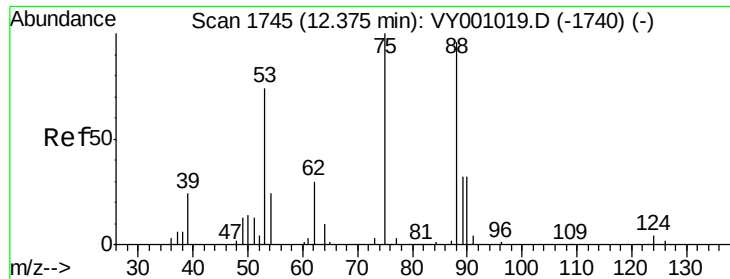
#80
 1,3,5-Trimethylbenzene
 Concen: 46.626 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	25.1	75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)
 Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





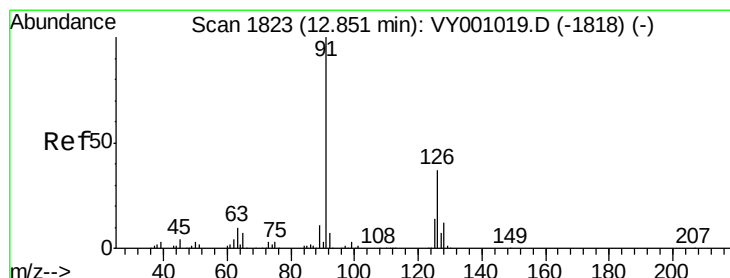
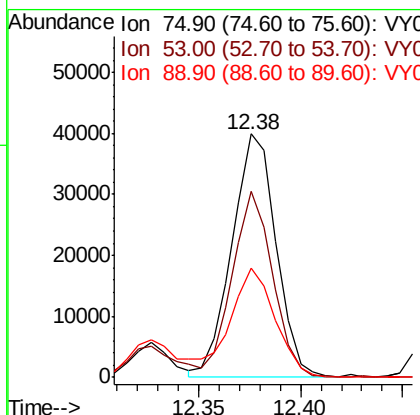
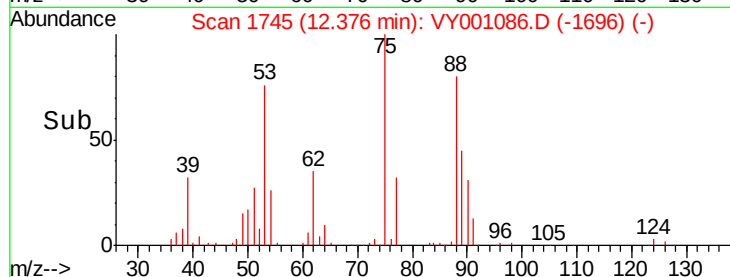
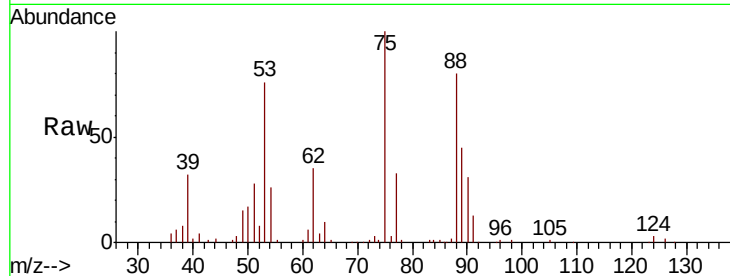
#81
trans-1,4-Dichloro-2-butene
Concen: 49.366 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	69.8	60.6	91.0
89	47.0	35.4	53.0

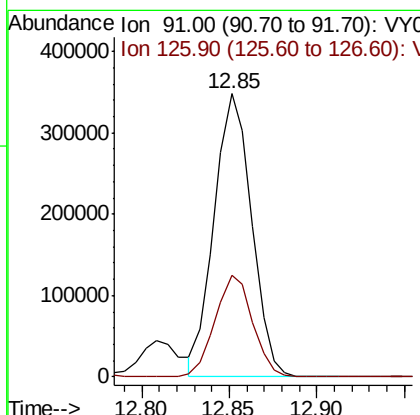
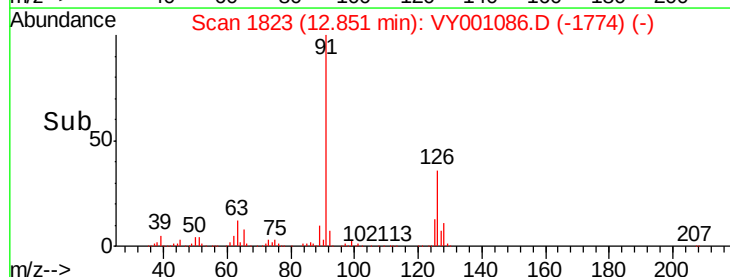
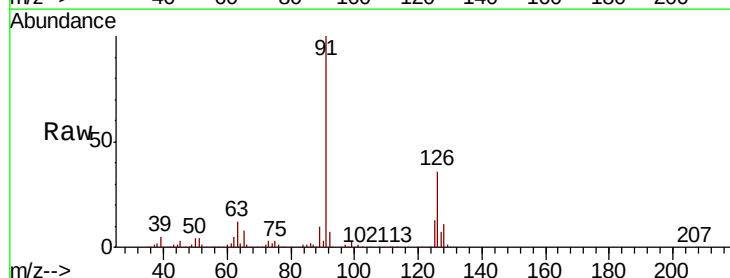
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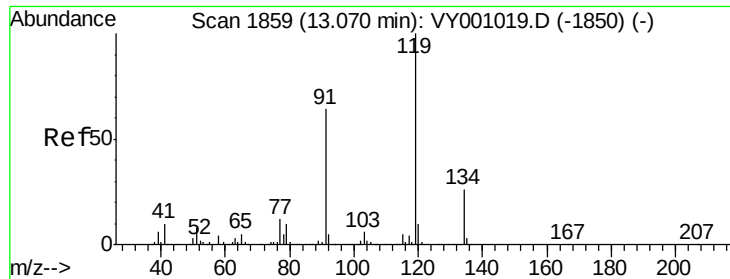
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#82
4-Chlorotoluene
Concen: 45.930 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.6	52.8





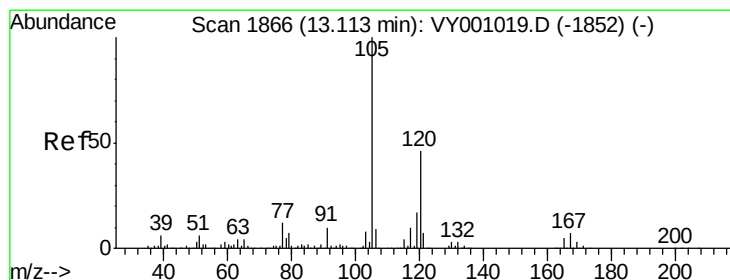
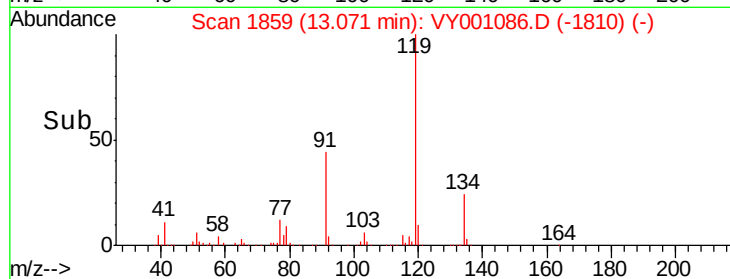
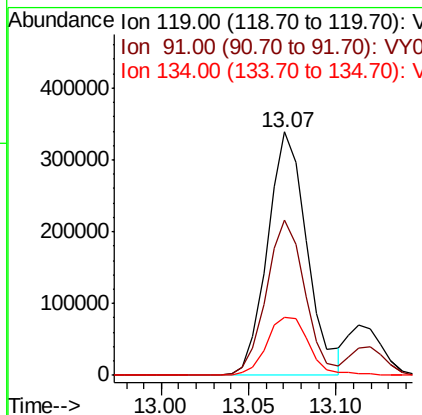
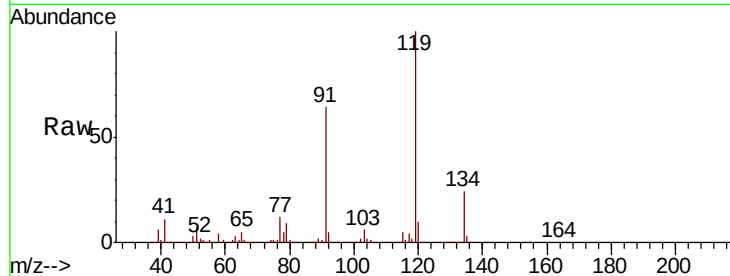
#83
tert-Butylbenzene
Concen: 47.856 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.9	95.7
134	26.0	13.6	40.7

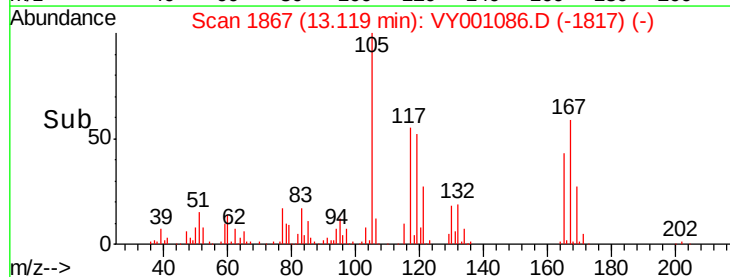
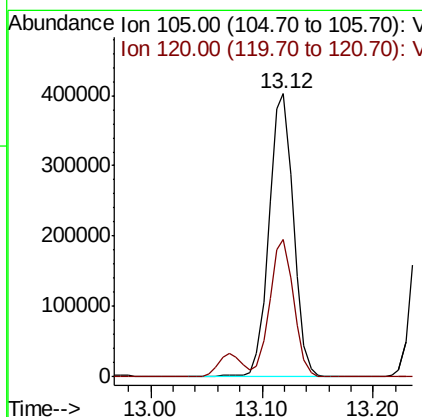
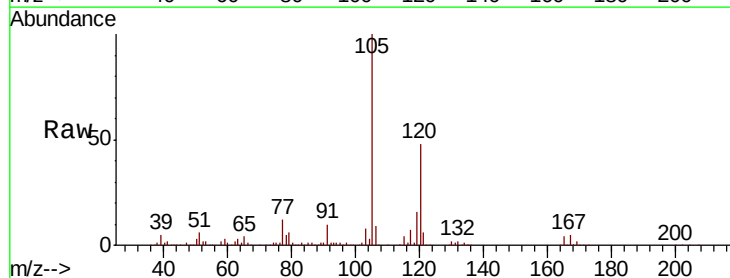
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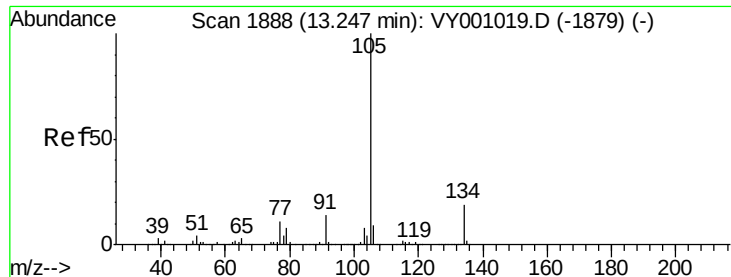
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#84
1,2,4-Trimethylbenzene
Concen: 46.169 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.4	70.2





#85

sec-Butylbenzene

Concen: 46.278 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 758919

Ion Ratio Lower Upper

105 100

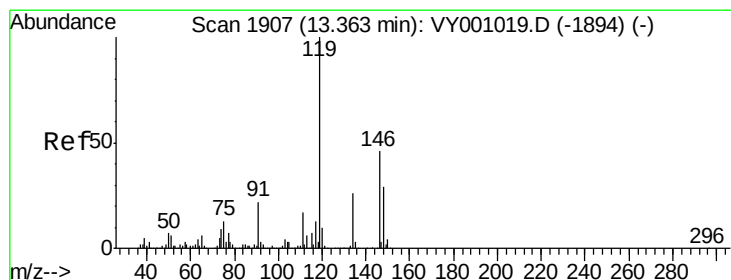
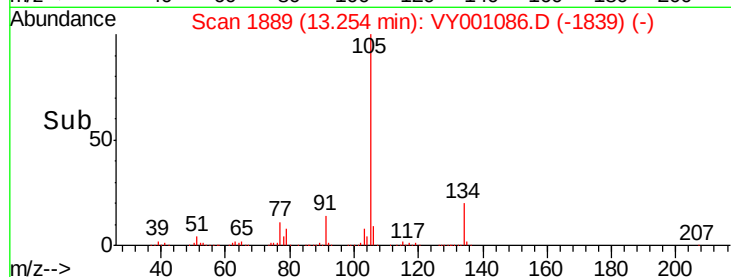
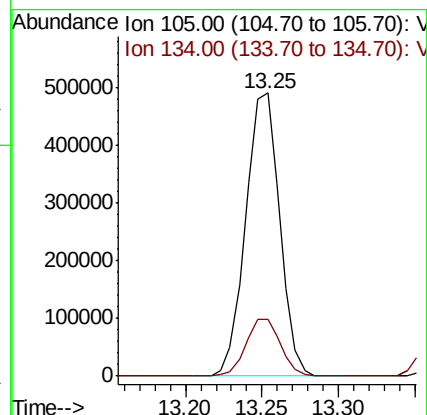
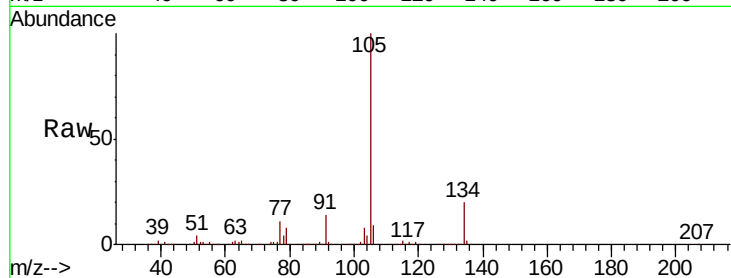
134 20.3 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 45.724 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

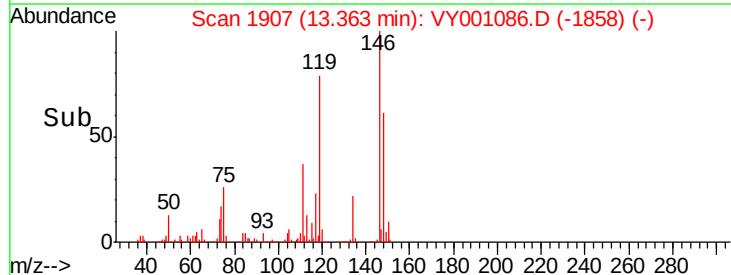
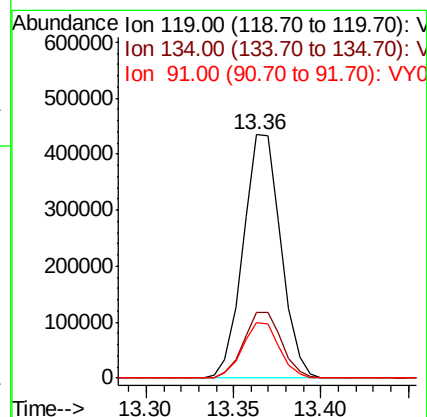
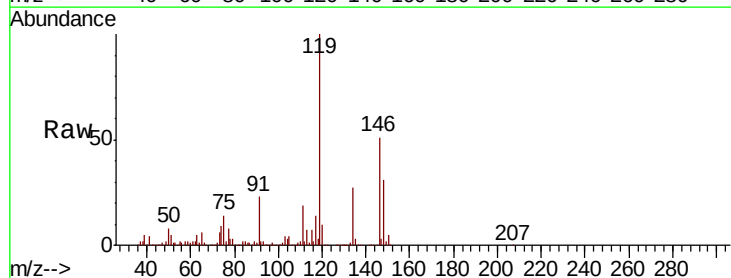
Tgt Ion:119 Resp: 648814

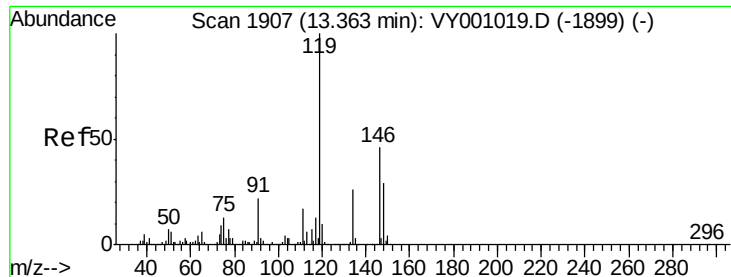
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.7

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.554 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

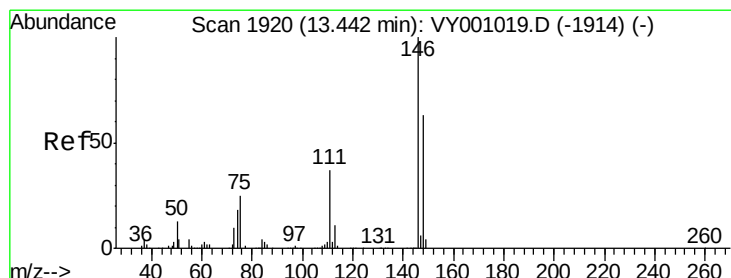
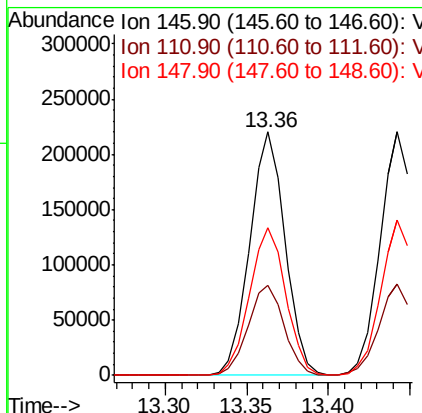
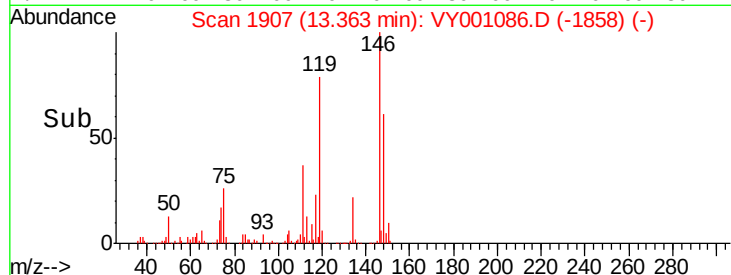
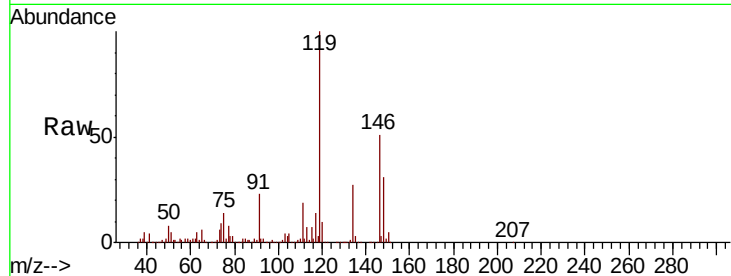
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	332076
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.7	59.0
148	62.3	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 47.277 ug/l

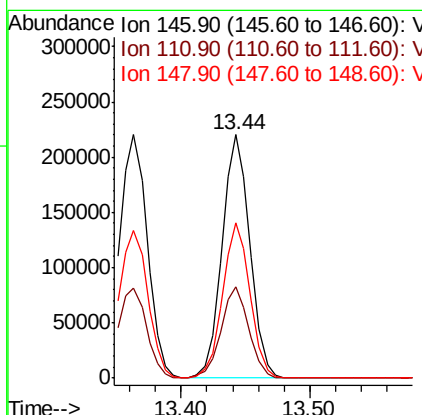
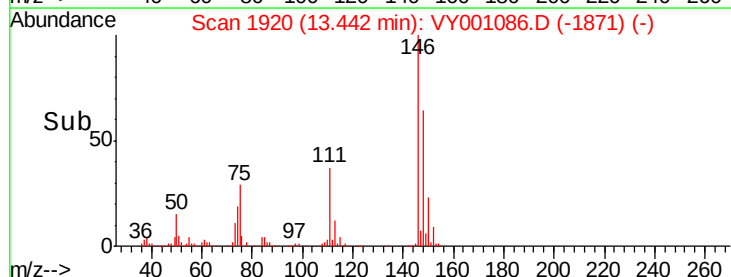
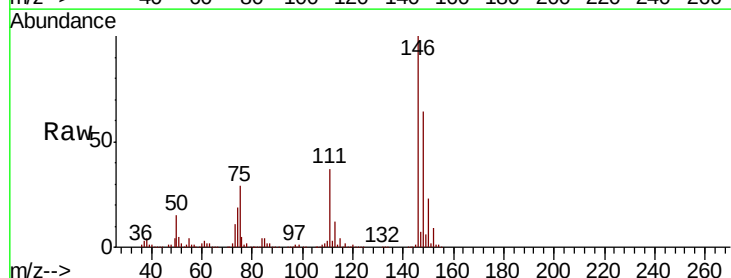
RT: 13.44 min Scan# 1920

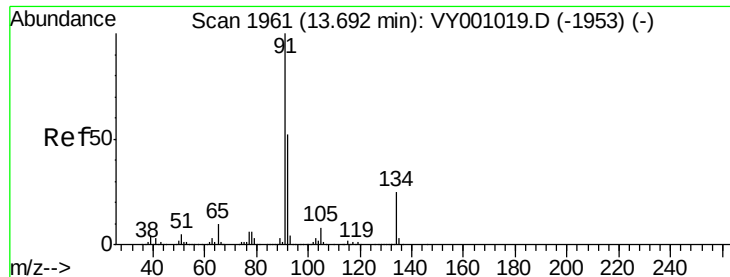
Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion:	146	Resp:	333041
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.4	58.2
148	63.0	31.8	95.3





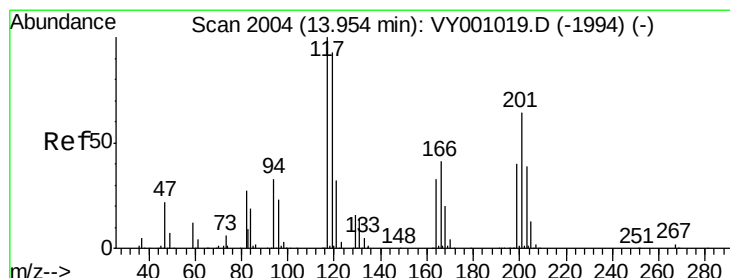
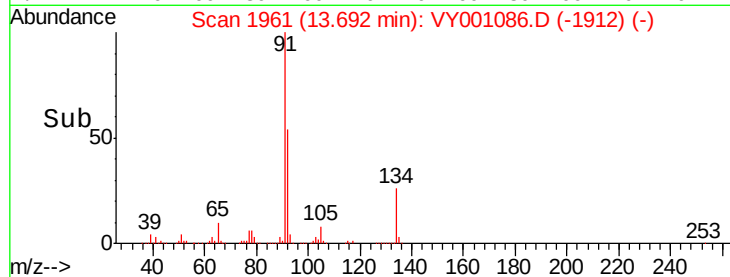
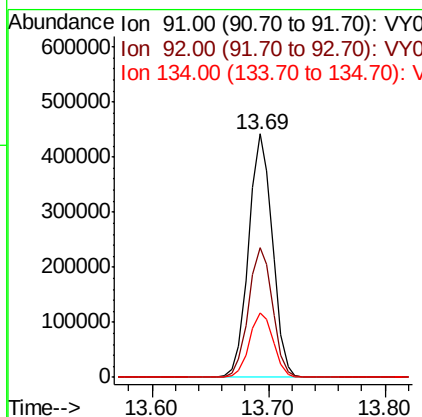
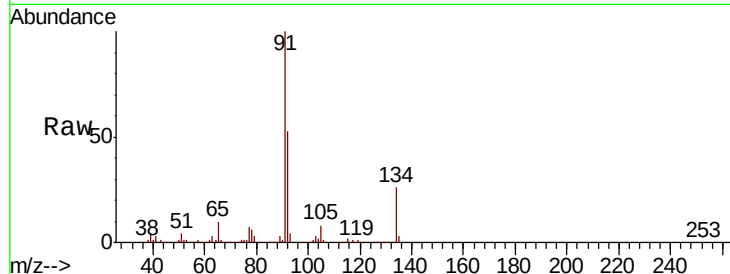
#89
n-Butylbenzene
Concen: 44.291 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	26.5	12.7	38.0

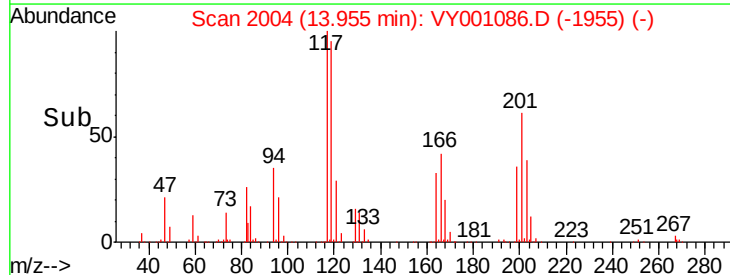
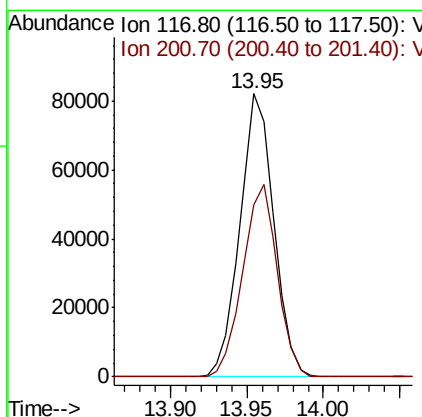
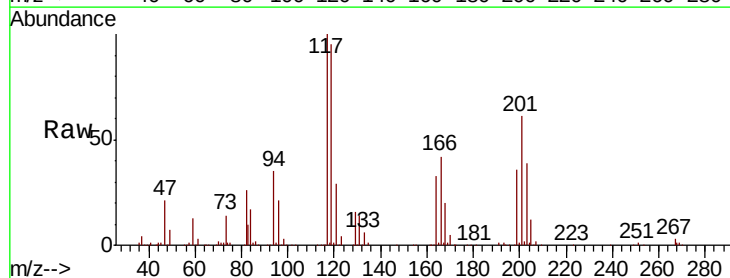
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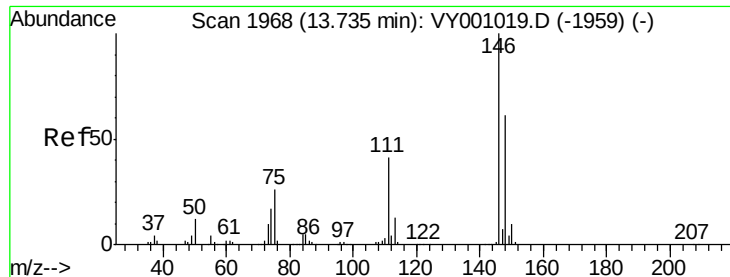
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#90
Hexachloroethane
Concen: 47.280 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	33.7	101.1





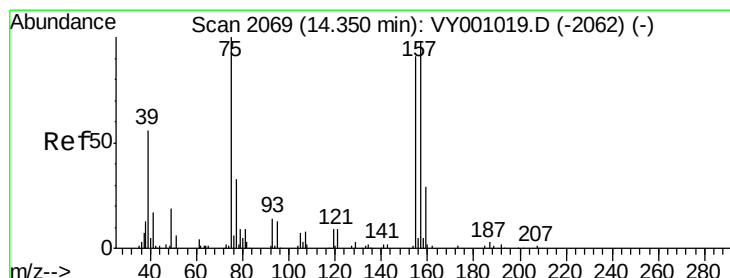
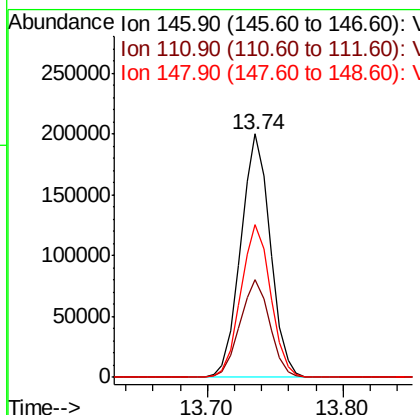
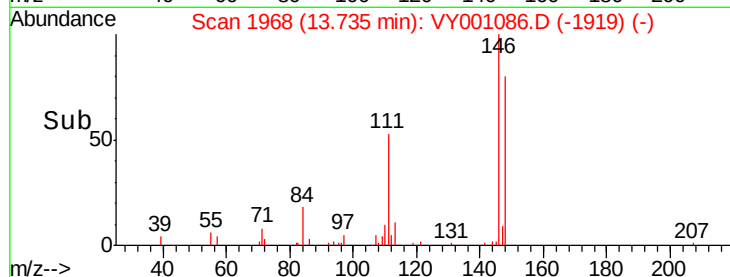
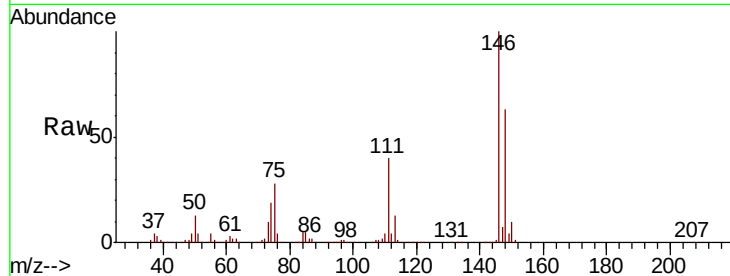
#91
 1,2-Dichlorobenzene
 Concen: 47.043 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.9
148	63.4	31.6	94.7

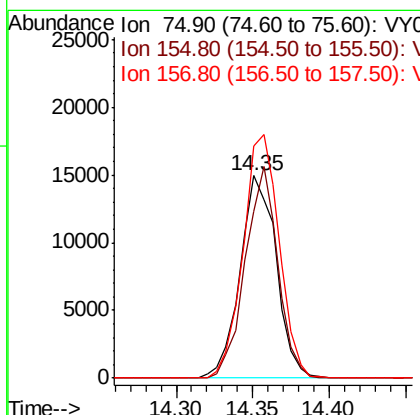
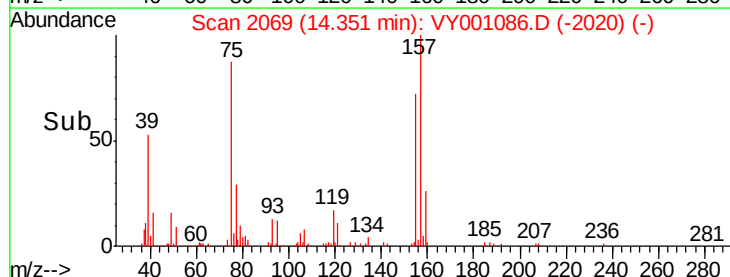
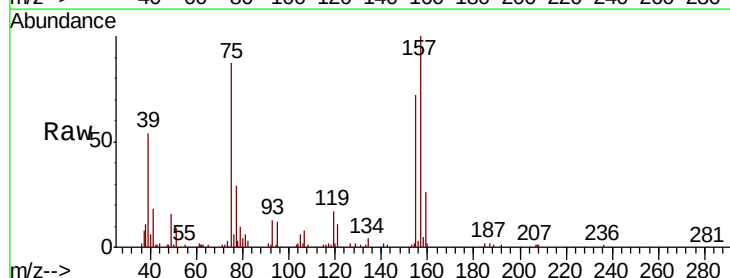
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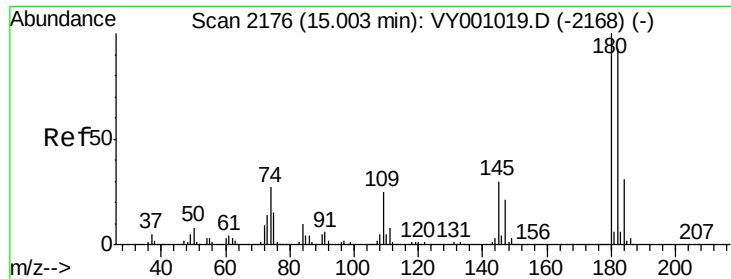
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.188 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.3	138.9
157	119.9	58.1	174.4





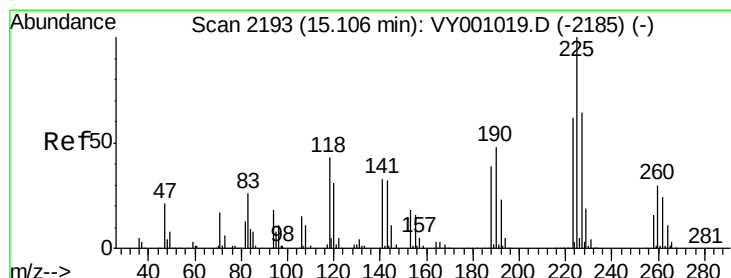
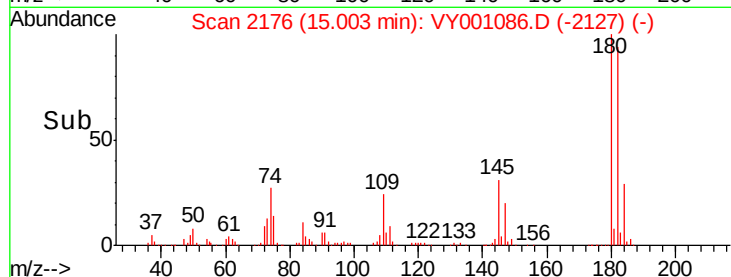
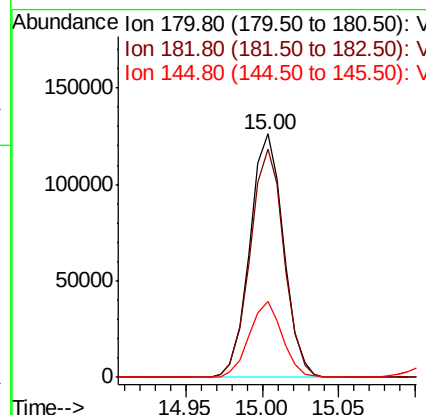
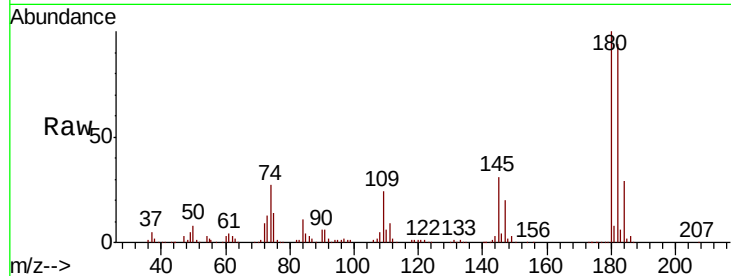
#93
 1,2,4-Trichlorobenzene
 Concen: 44.450 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193266		
182	94.4	46.8	140.3	
145	30.6	15.3	45.9	

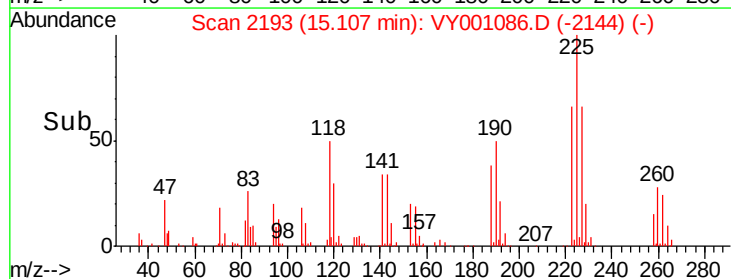
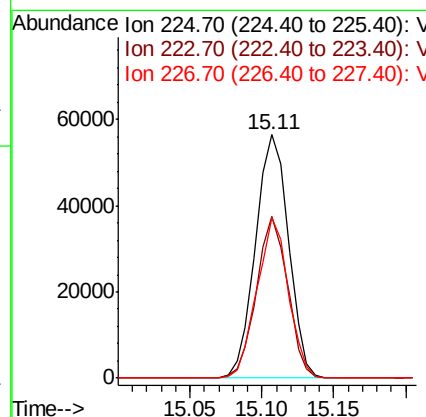
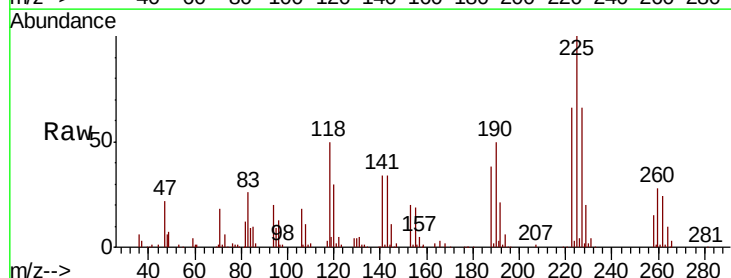
Manual Integrations
 APPROVED

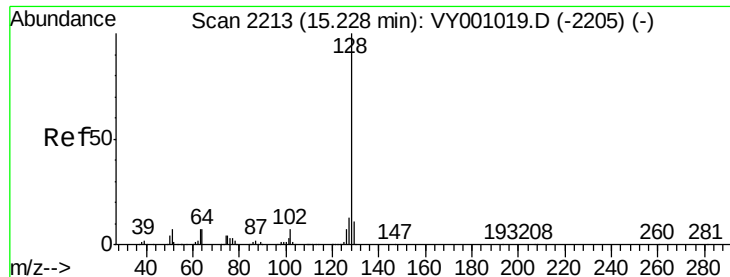
apatel
 12/27/2019 11:05:08 AM



#94
 Hexachlorobutadiene
 Concen: 43.148 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89274		
223	62.8	31.6	94.8	
227	62.5	31.9	95.5	





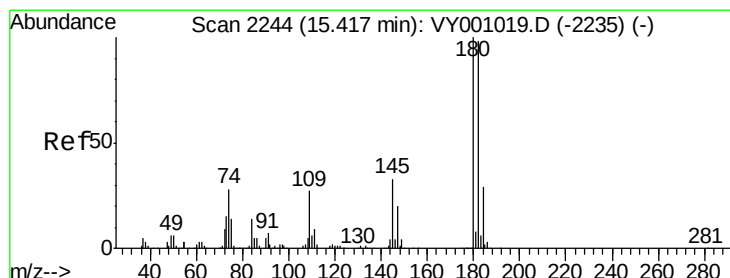
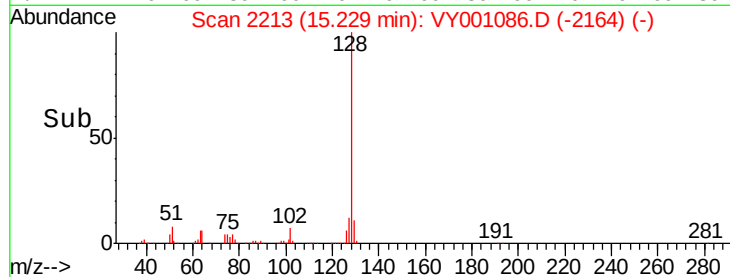
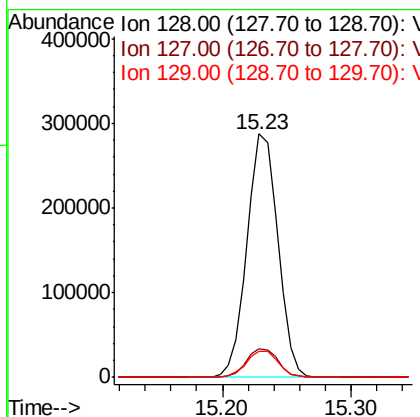
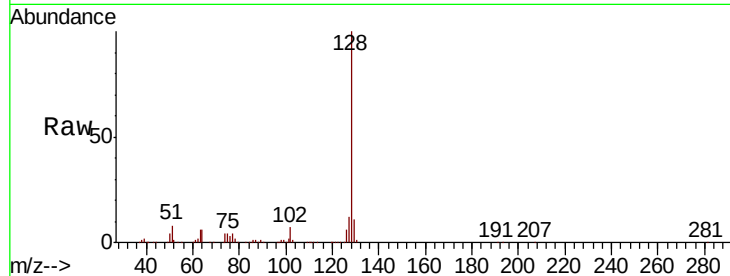
#95
Naphthalene
Concen: 46.353 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	473960
Ion Ratio	Lower	Upper	
128	100		
127	12.1	9.9	14.9
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.076 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:	180	Resp:	174778
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.8
145	32.7	16.3	48.9

