

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001062.D
 Acq On : 26 Dec 2019 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/27/2019 11:04:26 AM

Quant Time: Dec 27 04:04:51 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	339708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	601484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	236503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	159378	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	7.72	113	166774	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	10.18	98	696429	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.48	95	224140	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	137875	46.577	ug/l	99
3) Chloromethane	2.12	50	166230	41.261	ug/l	96
4) Vinyl Chloride	2.26	62	168962	43.185	ug/l	98
5) Bromomethane	2.65	94	110818	44.589	ug/l	97
6) Chloroethane	2.80	64	111353	45.696	ug/l	94
7) Trichlorofluoromethane	3.13	101	279556	48.715	ug/l	99
8) Diethyl Ether	3.54	74	114236	48.767	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	192765	51.137	ug/l	98
10) Methyl Iodide	4.10	142	253277	48.631	ug/l	99
11) Tert butyl alcohol	4.97	59	81299	220.685	ug/l	97
12) 1,1-Dichloroethene	3.88	96	188878	49.492	ug/l	94
13) Acrolein	3.74	56	109677	240.282	ug/l	99
14) Allyl chloride	4.49	41	285587	48.171	ug/l	99
15) Acrylonitrile	5.18	53	295474	252.388	ug/l	99
16) Acetone	3.96	43	164007	212.484	ug/l	100
17) Carbon Disulfide	4.20	76	502779	40.317	ug/l	98
18) Methyl Acetate	4.49	43	138224	46.677	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	505791	51.349	ug/l	95
20) Methylene Chloride	4.72	84	221138	48.675	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	210654	49.806	ug/l	98
22) Diisopropyl ether	6.13	45	585191	48.833	ug/l	96
23) Vinyl Acetate	6.07	43	1832449	242.130	ug/l	98
24) 1,1-Dichloroethane	6.03	63	355100	50.144	ug/l	98
25) 2-Butanone	7.00	43	310700	229.137	ug/l	93
26) 2,2-Dichloropropane	6.99	77	298218	51.257	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	244992	52.724	ug/l	96
28) Bromochloromethane	7.35	49	130335	47.170	ug/l	91
29) Tetrahydrofuran	7.36	42	220652	228.767	ug/l	96
30) Chloroform	7.52	83	344502	51.447	ug/l	100
31) Cyclohexane	7.79	56	322729	43.339	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	292898	51.276	ug/l	98
36) 1,1-Dichloropropene	7.93	75	280413	48.869	ug/l	98
37) Ethyl Acetate	7.09	43	148034	46.592	ug/l	97
38) Carbon Tetrachloride	7.91	117	258318	51.382	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	361309	47.416	ug/l	96
40) Benzene	8.17	78	863502	49.882	ug/l	98
41) Methacrylonitrile	7.33	41	65197m	47.330	ug/l	
42) 1,2-Dichloroethane	8.25	62	204481	49.406	ug/l	99
43) Isopropyl Acetate	8.28	43	280655	47.717	ug/l	98
44) Trichloroethene	8.94	130	233632	51.222	ug/l	97
45) 1,2-Dichloropropane	9.22	63	218981	50.424	ug/l	99
46) Dibromomethane	9.31	93	115304	51.506	ug/l	99
47) Bromodichloromethane	9.50	83	266714	51.434	ug/l	99
48) Methyl methacrylate	9.30	41	120252	47.911	ug/l	93
49) 1,4-Dioxane	9.30	88	30279	924.614	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	731328	238.561	ug/l	98
52) Toluene	10.25	92	534126	50.130	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	287816	51.142	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	347281	51.319	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	171458	51.303	ug/l	96
56) Ethyl methacrylate	10.51	69	246944	51.917	ug/l	96
57) 1,3-Dichloropropane	10.79	76	297382	50.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	383189	208.578	ug/l	99
59) 2-Hexanone	10.83	43	516560	243.522	ug/l	98
60) Dibromochloromethane	10.99	129	190468	53.354	ug/l	100
61) 1,2-Dibromoethane	11.09	107	162764	50.929	ug/l	98
64) Tetrachloroethene	10.72	164	236936	51.659	ug/l	99
65) Chlorobenzene	11.52	112	570507	51.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	197026	54.297	ug/l	99
67) Ethyl Benzene	11.59	91	1024709	51.811	ug/l	100
68) m/p-Xylenes	11.70	106	783190	104.292	ug/l	99
69) o-Xylene	12.03	106	364209	51.553	ug/l	99
70) Styrene	12.04	104	641416	53.395	ug/l	99
71) Bromoform	12.20	173	110166	54.524	ug/l #	100
73) Isopropylbenzene	12.33	105	979246	53.506	ug/l	99
74) N-amyl acetate	12.14	43	244076	50.764	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	188955	52.408	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	136475m	46.809	ug/l	
77) Bromobenzene	12.61	156	220984	53.687	ug/l	97
78) n-propylbenzene	12.67	91	1183738	53.081	ug/l	99
79) 2-Chlorotoluene	12.75	91	647263	52.557	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	806135	53.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74389	54.416	ug/l	97
82) 4-Chlorotoluene	12.85	91	666934	52.138	ug/l	99
83) tert-Butylbenzene	13.08	119	688411	54.666	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	793148	52.613	ug/l	99
85) sec-Butylbenzene	13.25	105	993421	53.510	ug/l	100
86) p-Isopropyltoluene	13.37	119	871558	54.255	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	421586	53.329	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	423561	53.113	ug/l	99
89) n-Butylbenzene	13.69	91	866716	53.626	ug/l	99
90) Hexachloroethane	13.96	117	167940	55.489	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	387961	53.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29740	49.302	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	264497	53.736	ug/l	99
94) Hexachlorobutadiene	15.11	225	125512	53.585	ug/l	98
95) Naphthalene	15.23	128	621499	53.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	235085	53.556	ug/l	100

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

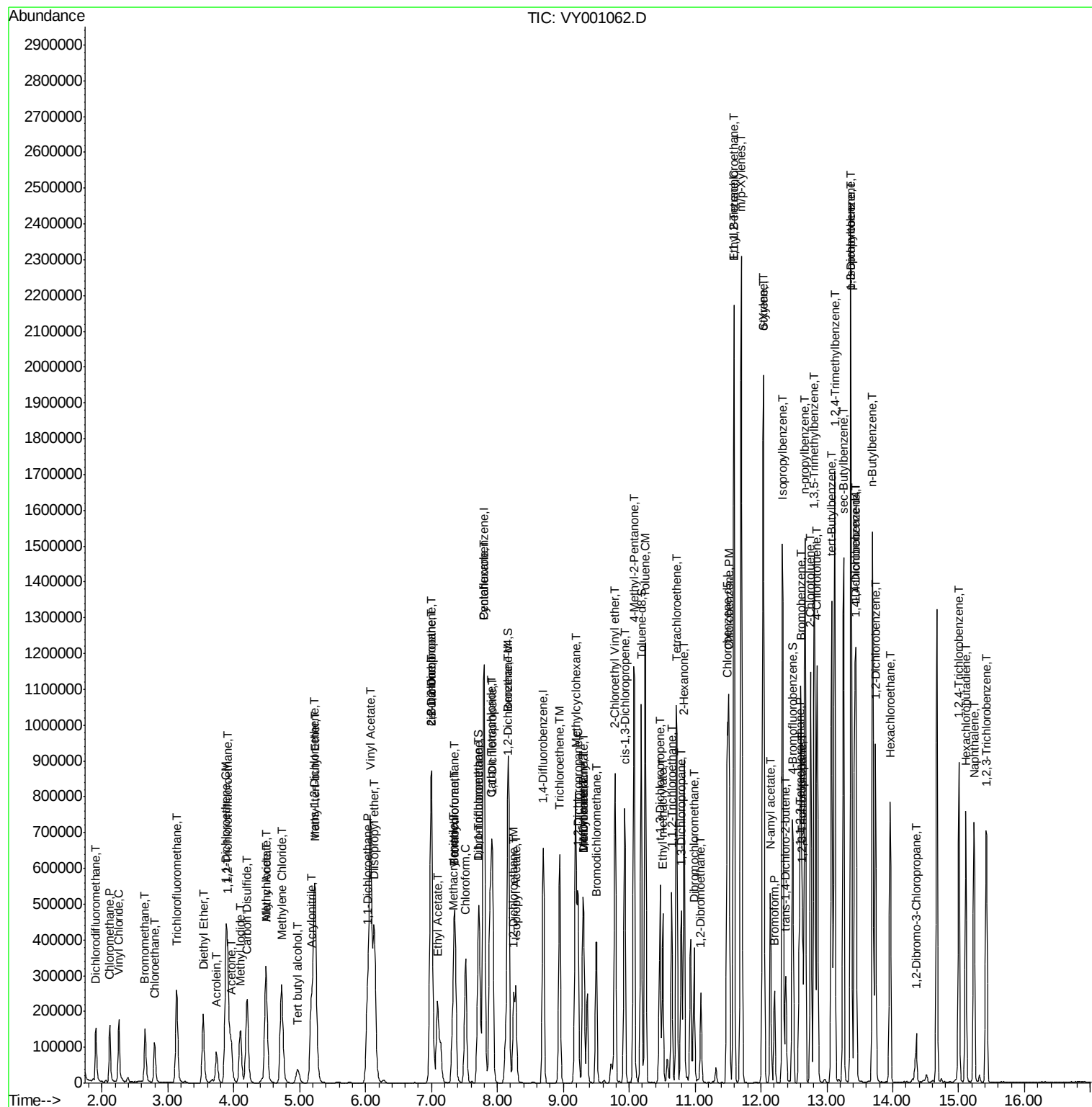
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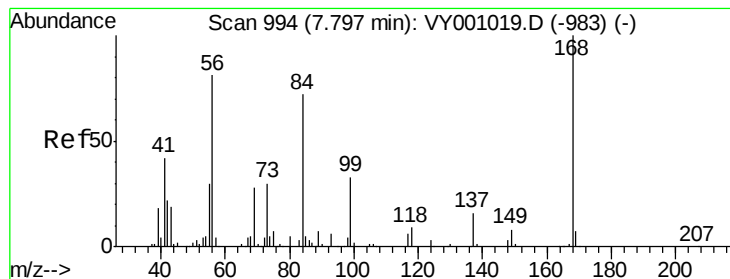
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 339708

Ion Ratio Lower Upper

168 100

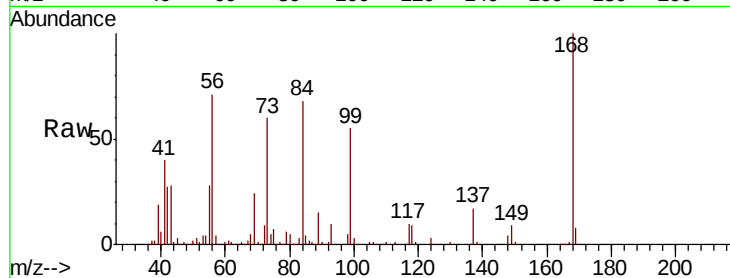
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Manual Integrations

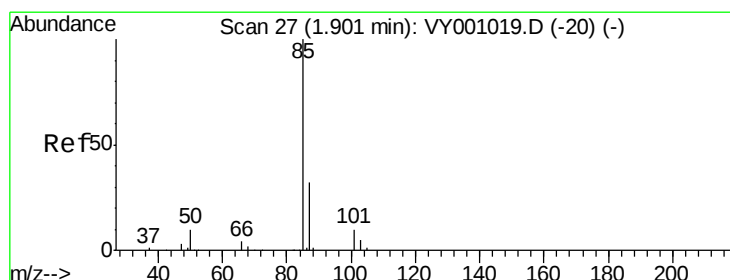
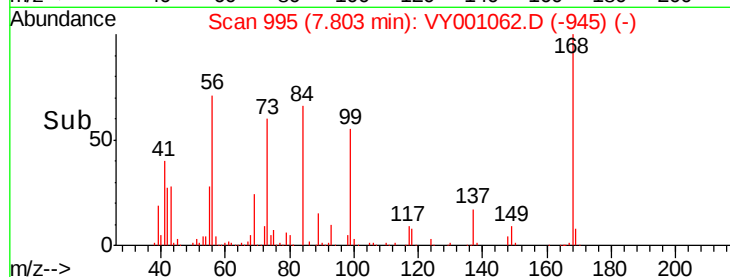
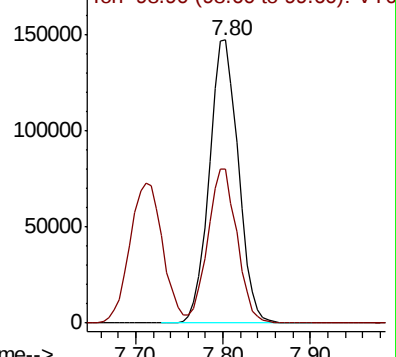
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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 46.577 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001062.D

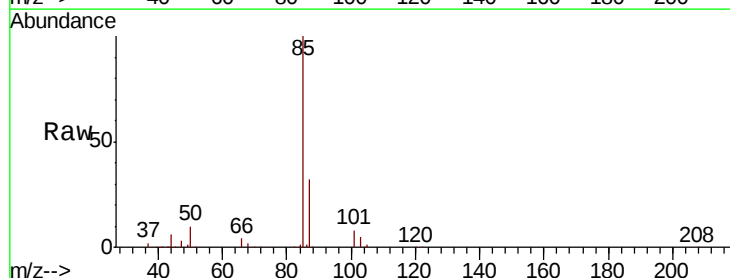
Acq: 26 Dec 2019 11:07

Tgt Ion: 85 Resp: 137875

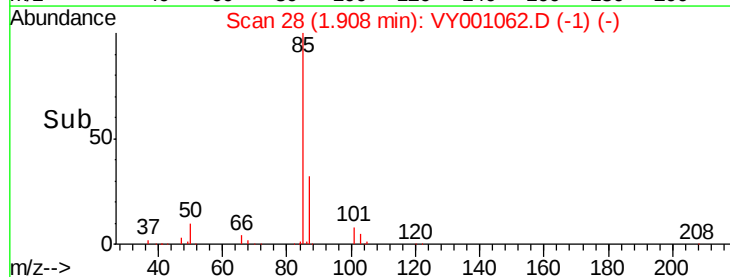
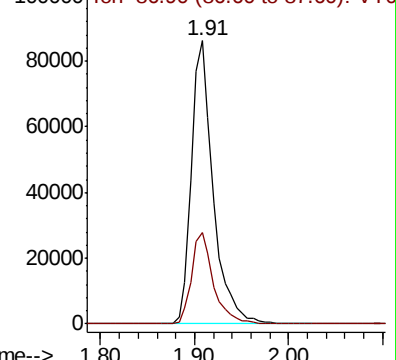
Ion Ratio Lower Upper

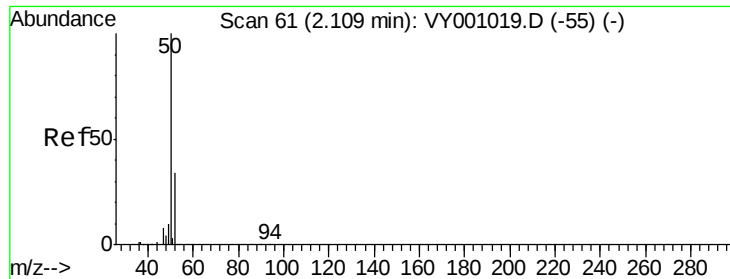
85 100

87 32.2 15.9 47.7



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





#3

Chloromethane

Concen: 41.261 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 166230

Ion Ratio Lower Upper

50 100

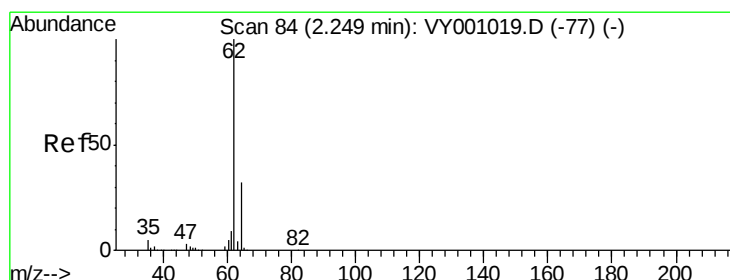
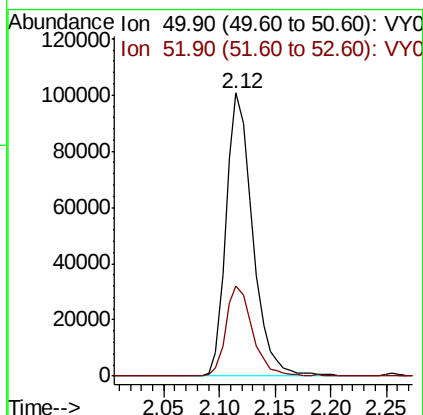
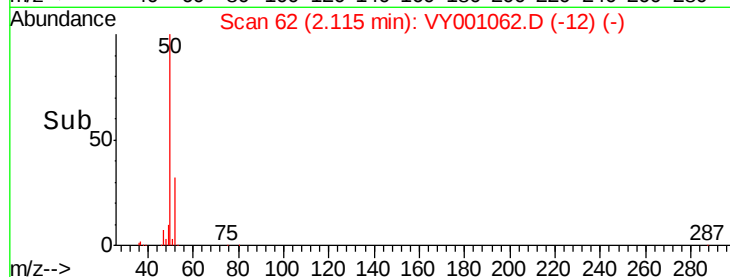
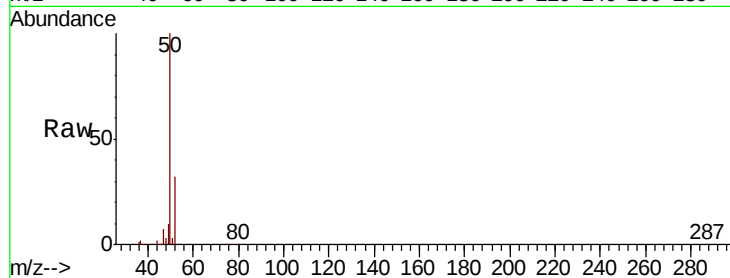
52 31.9 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.185 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001062.D

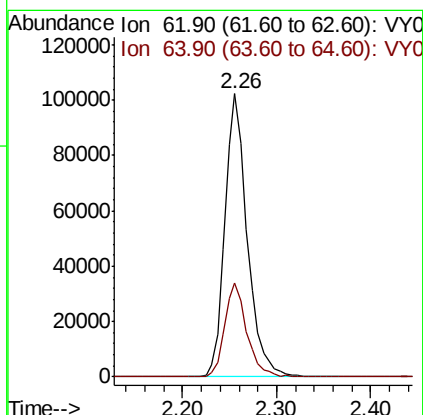
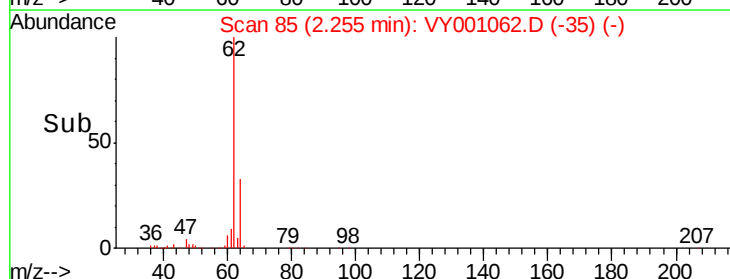
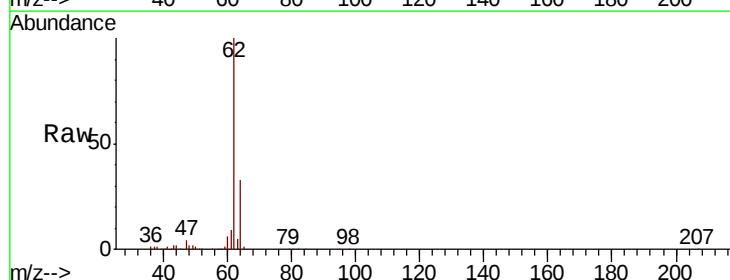
Acq: 26 Dec 2019 11:07

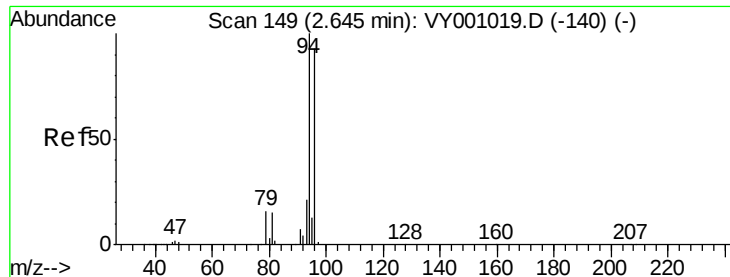
Tgt Ion: 62 Resp: 168962

Ion Ratio Lower Upper

62 100

64 33.3 25.6 38.4





#5

Bromomethane

Concen: 44.589 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 110818

Ion Ratio Lower Upper

94 100

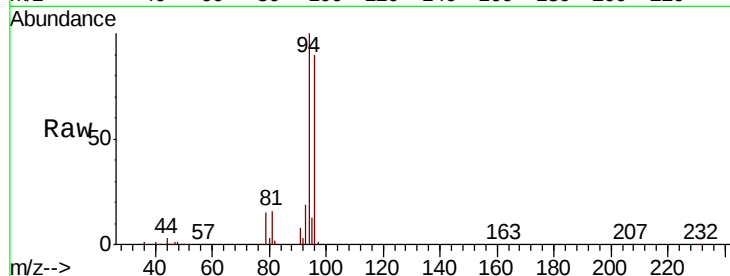
96 90.2 74.2 111.4

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Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001019.D (-140) (-)

60000

50000

40000

30000

20000

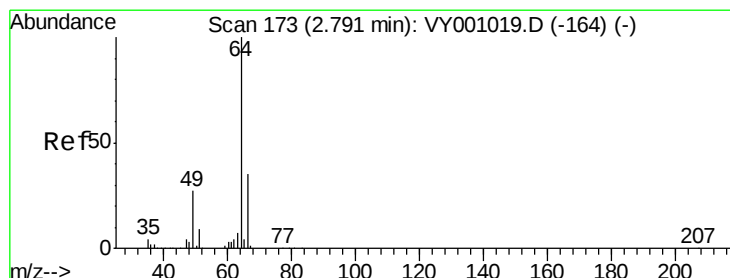
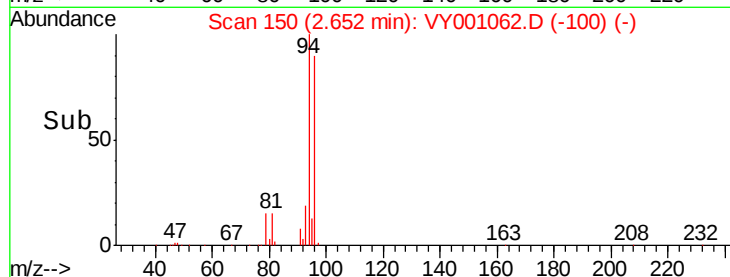
10000

0

2.65

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 45.696 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001062.D

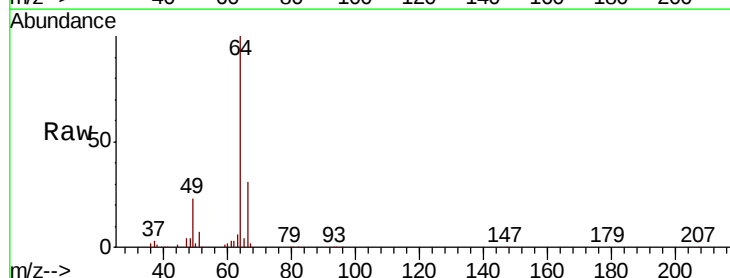
Acq: 26 Dec 2019 11:07

Tgt Ion: 64 Resp: 111353

Ion Ratio Lower Upper

64 100

66 31.2 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY001019.D (-164) (-)

Ion 65.90 (65.60 to 66.60): VY001019.D (-164) (-)

60000

50000

40000

30000

20000

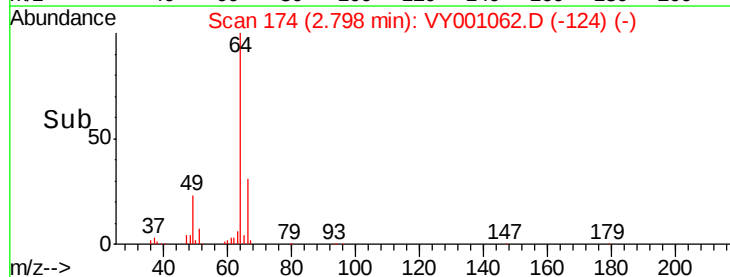
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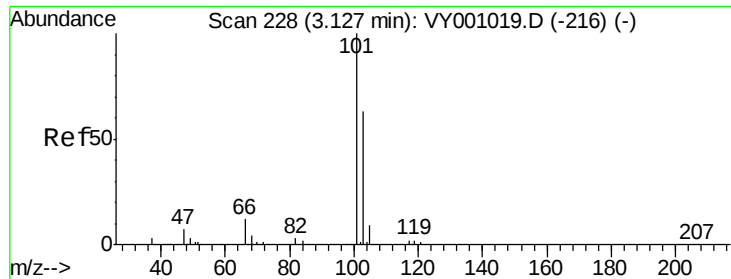
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2.80

2.70 2.80 2.90

Time-->





#7

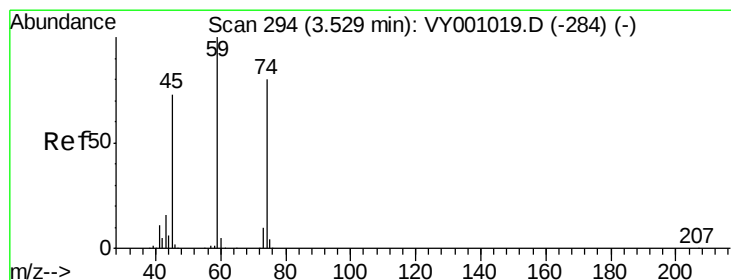
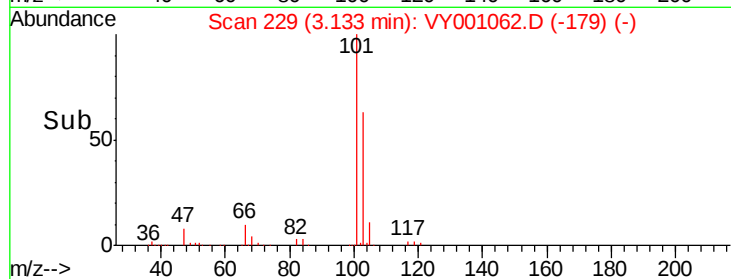
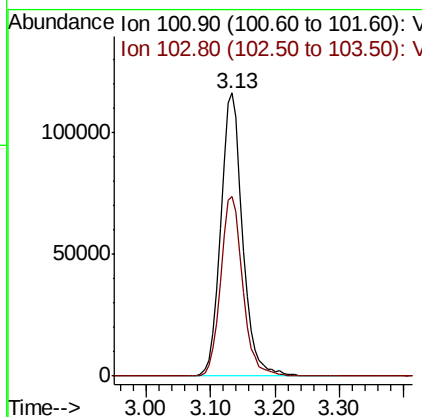
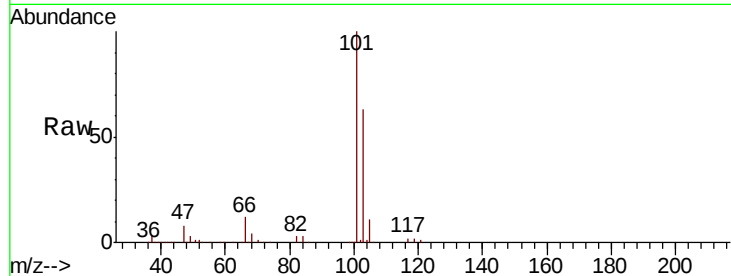
Trichlorofluoromethane
Concen: 48.715 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	279556		
103	63.5	50.2	75.2	

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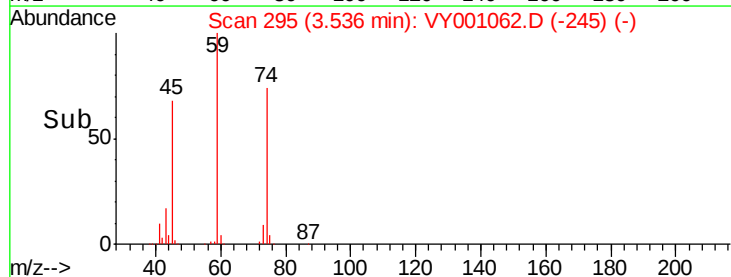
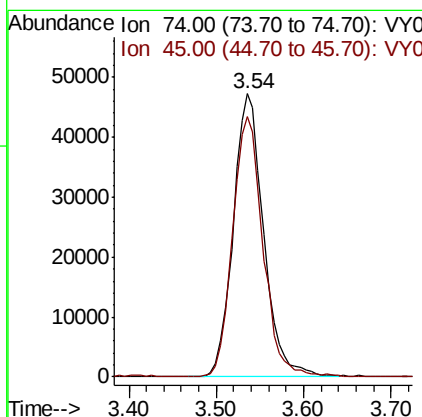
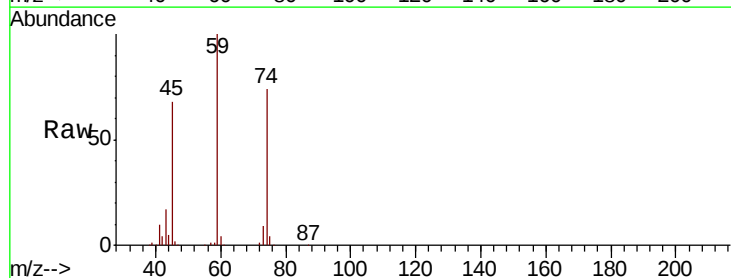
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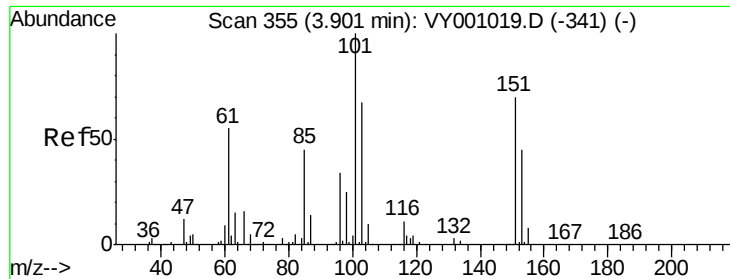


#8

Diethyl Ether
Concen: 48.767 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	114236		
45	91.5	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.137 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

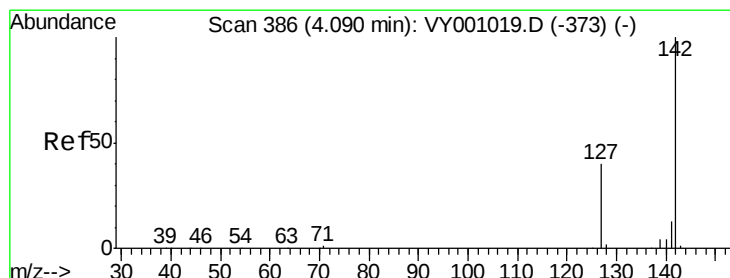
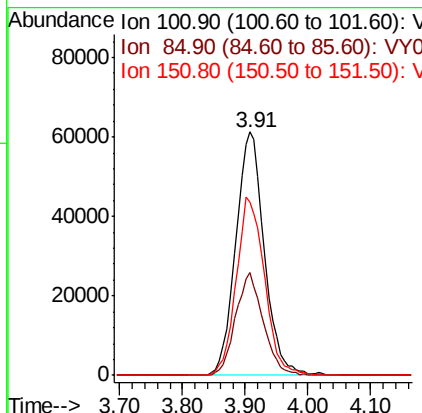
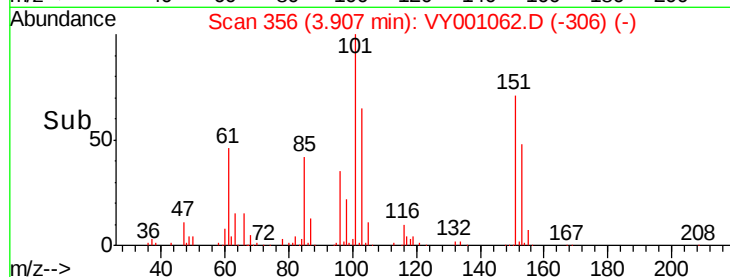
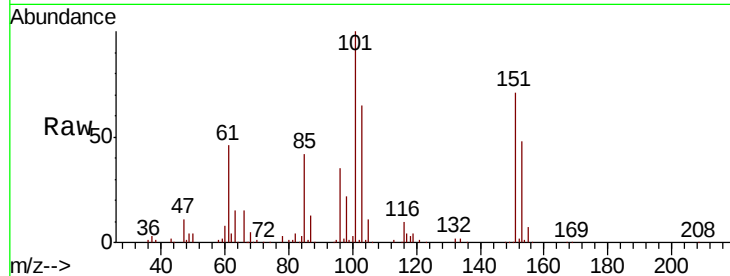
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	192765
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.2	51.2
151	72.5	57.0	85.6

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#10

Methyl Iodide

Concen: 48.631 ug/l

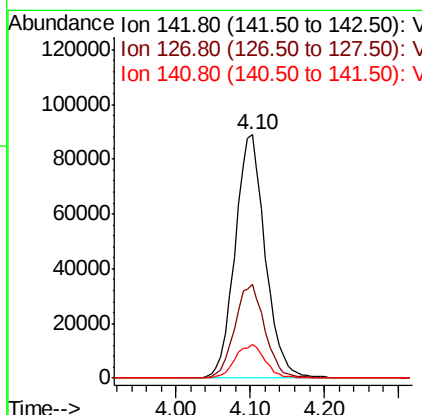
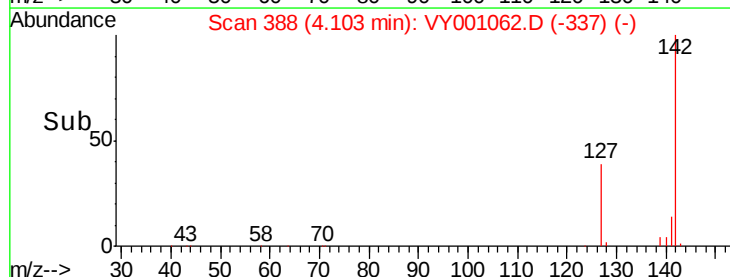
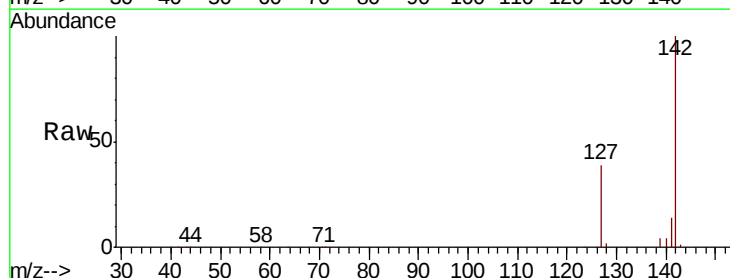
RT: 4.10 min Scan# 388

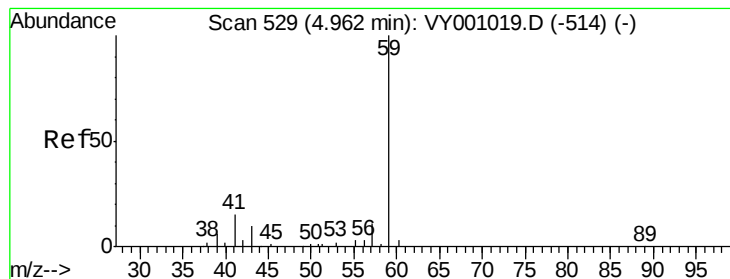
Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	142	Resp:	253277
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.2	46.8
141	13.6	11.0	16.4





#11

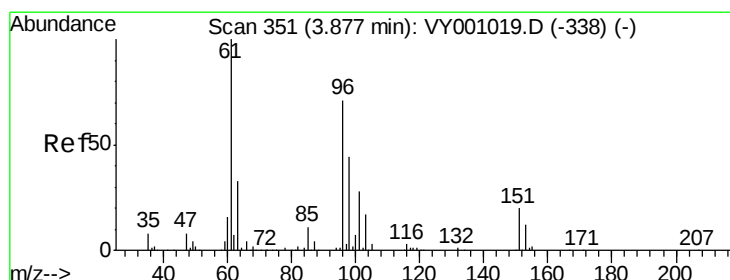
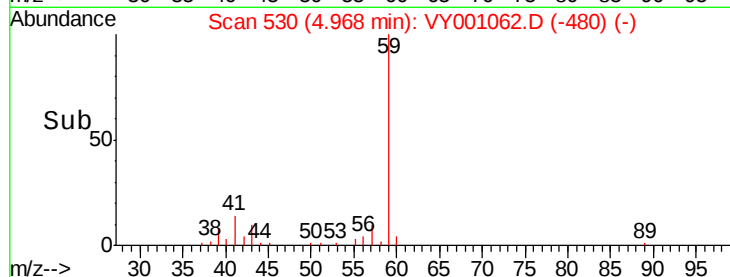
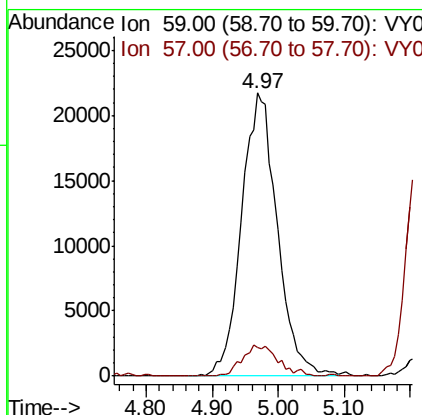
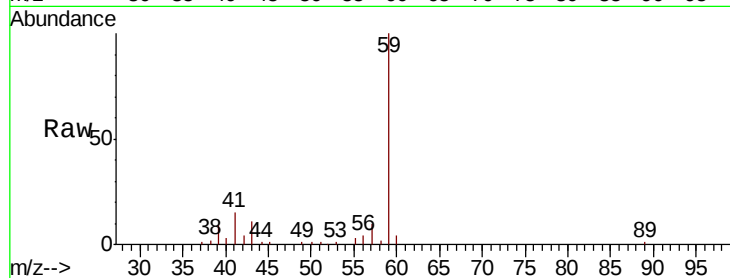
Tert butyl alcohol
 Concen: 220.685 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.9	Resp	81299	Lower	Upper
59	100								
57		10.9						7.8	11.6

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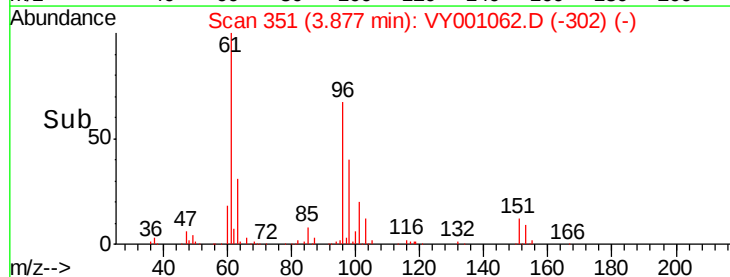
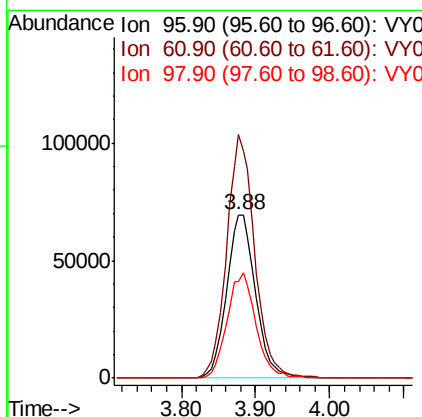
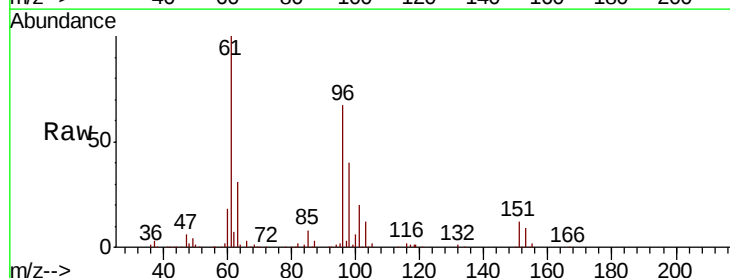
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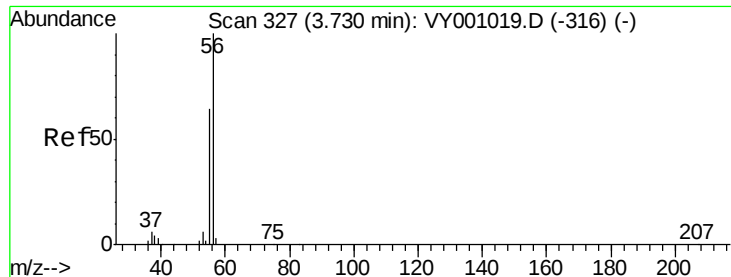


#12

1,1-Dichloroethene
 Concen: 49.492 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	96	61	98	Ratio	100	148.9	58.8	Resp	188878	Lower	Upper
96	100										
61		148.9								113.0	169.4
98		58.8								49.8	74.8





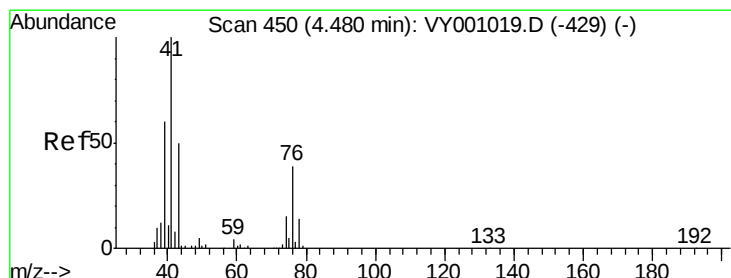
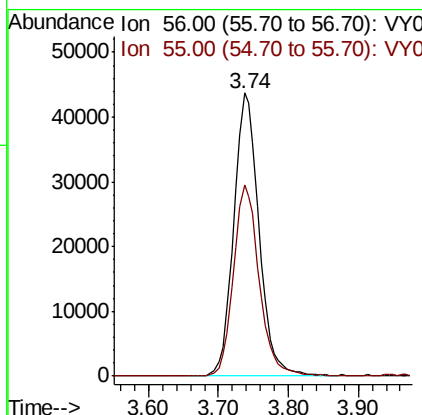
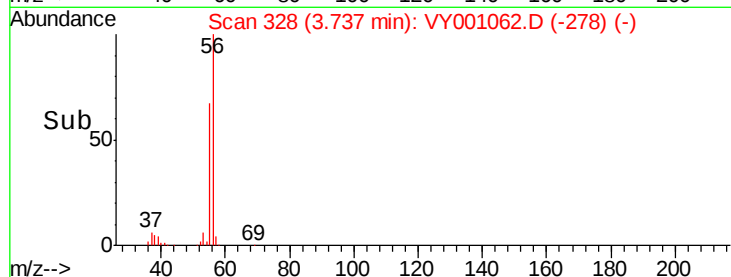
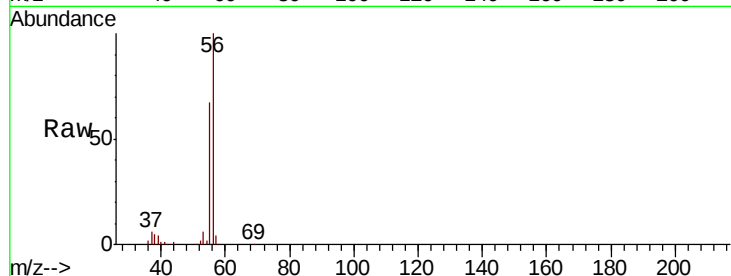
#13
Acrolein
Concen: 240.282 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	109677
Ion Ratio	100	Lower	Upper
56	100		
55	68.7	55.6	83.4

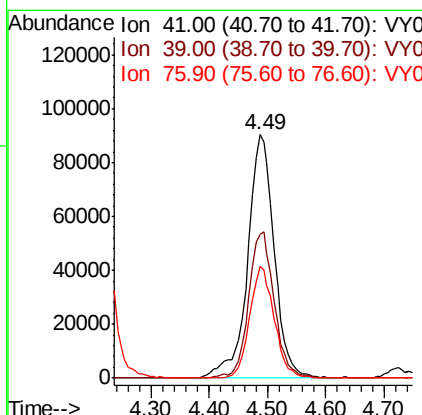
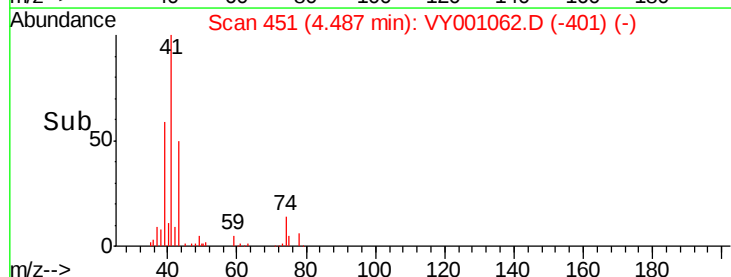
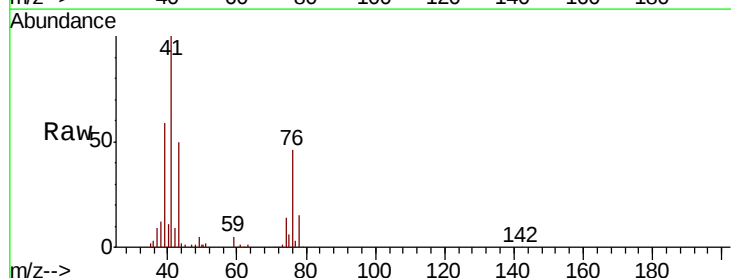
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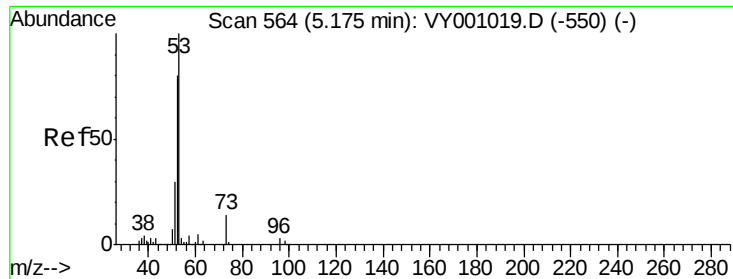
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#14
Allyl chloride
Concen: 48.171 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	41	Resp	285587
Ion Ratio	100	Lower	Upper
41	100		
39	57.8	46.0	69.0
76	42.4	32.6	48.8





#15

Acrylonitrile

Concen: 252.388 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

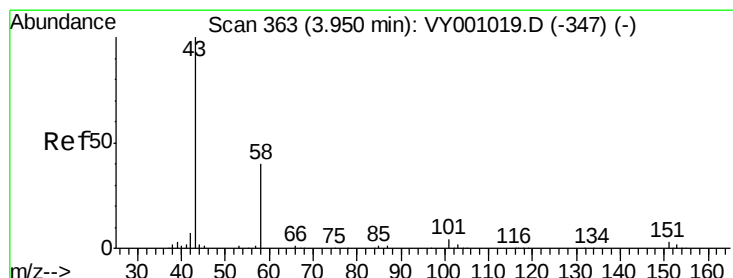
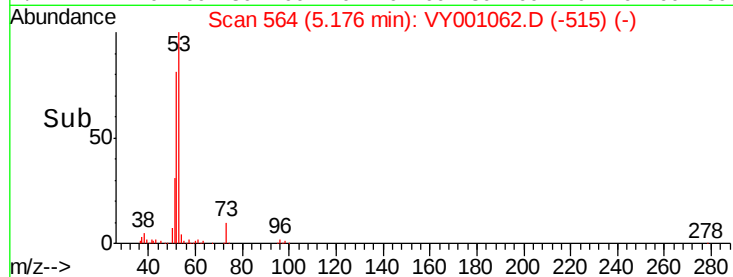
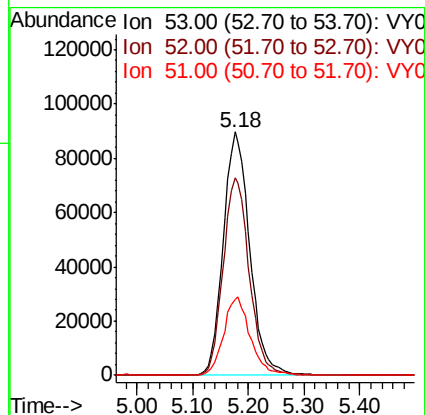
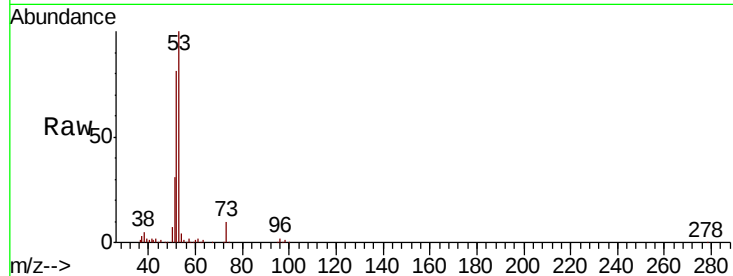
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	295474
Ion Ratio	Lower	Upper	
53	100		
52	79.9	63.6	95.4
51	32.3	26.7	40.1

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#16

Acetone

Concen: 212.484 ug/l

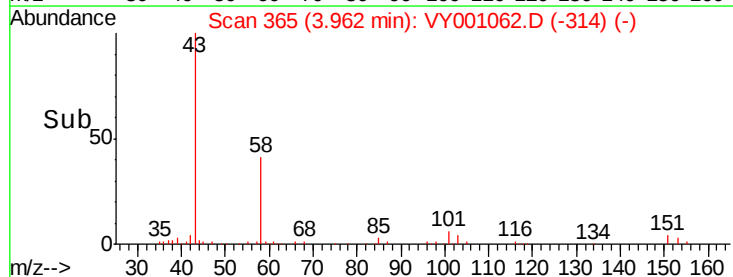
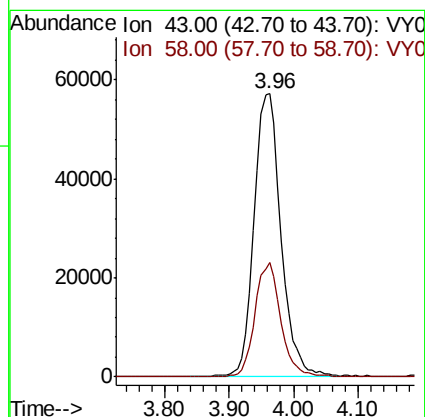
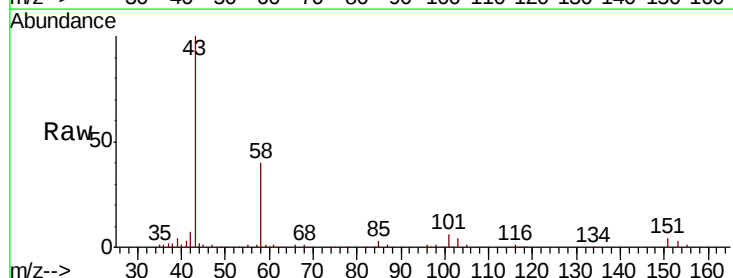
RT: 3.96 min Scan# 363

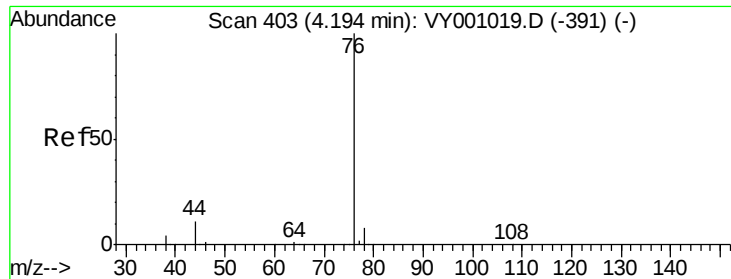
Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	43	Resp:	164007
Ion Ratio	Lower	Upper	
43	100		
58	40.2	32.1	48.1





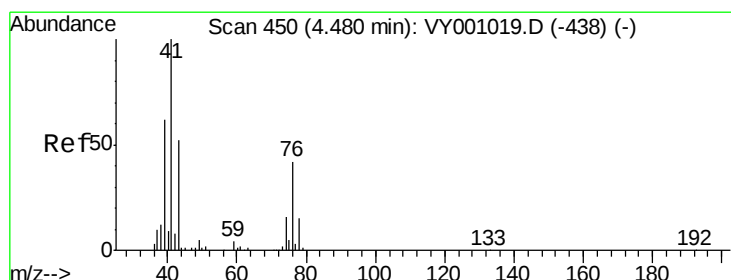
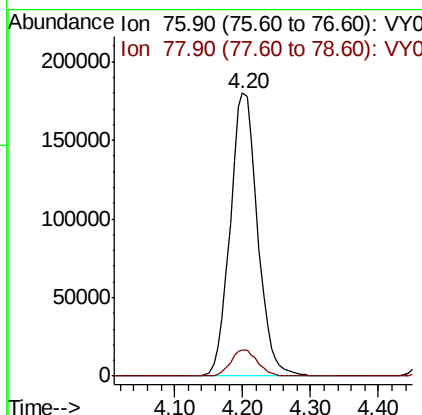
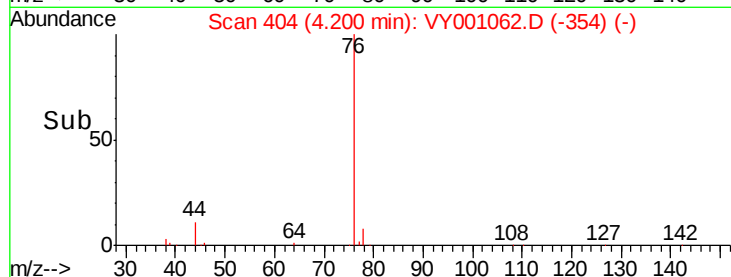
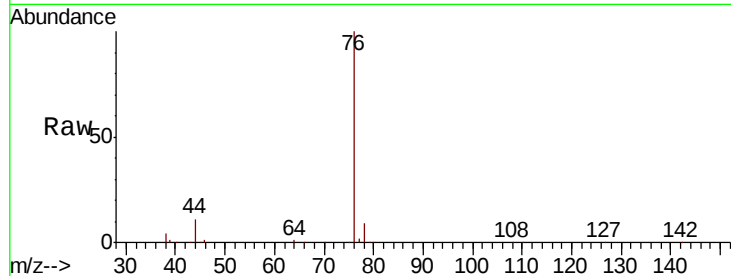
#17
Carbon Disulfide
Concen: 40.317 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 502779
Ion Ratio Lower Upper
76 100
78 9.1 6.7 10.1

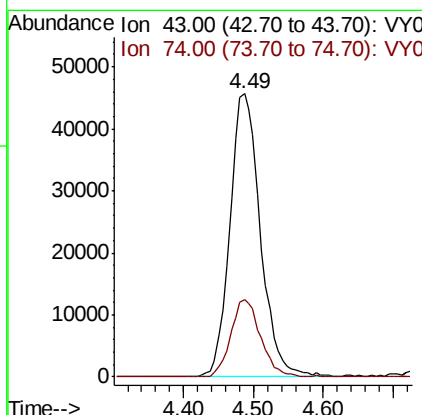
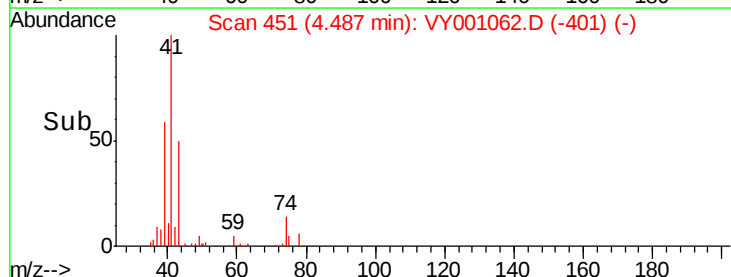
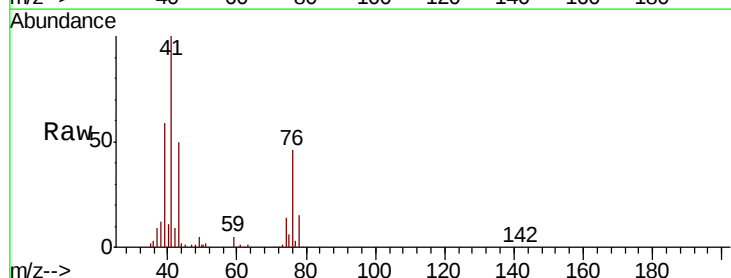
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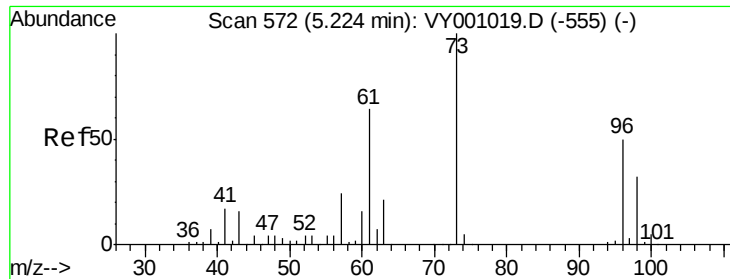
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#18
Methyl Acetate
Concen: 46.677 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion: 43 Resp: 138224
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1





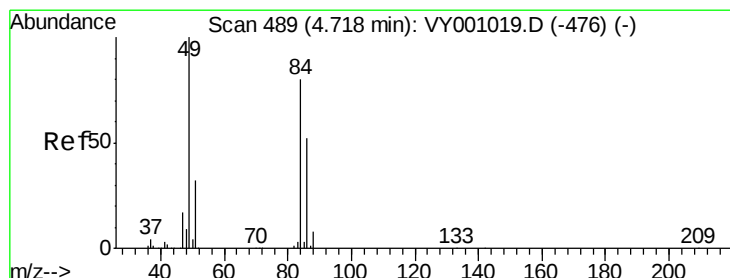
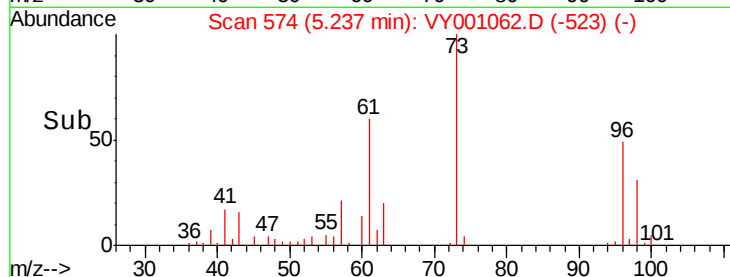
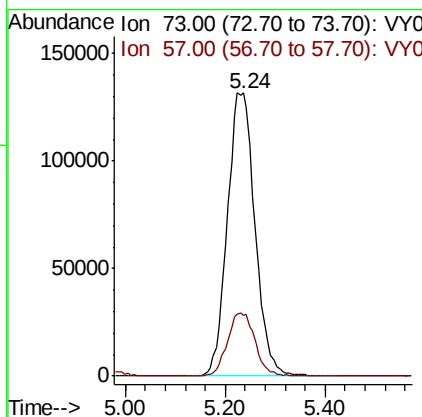
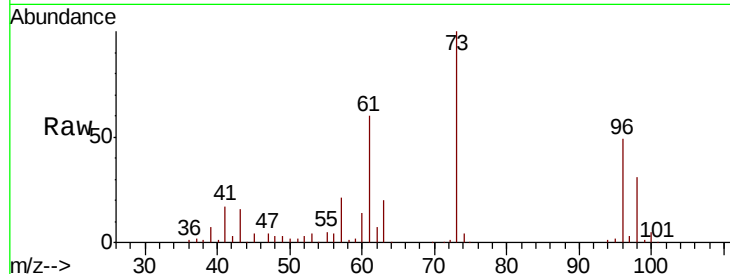
#19
Methvl tert-butvl Ether
Concen: 51.349 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 505791
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.6

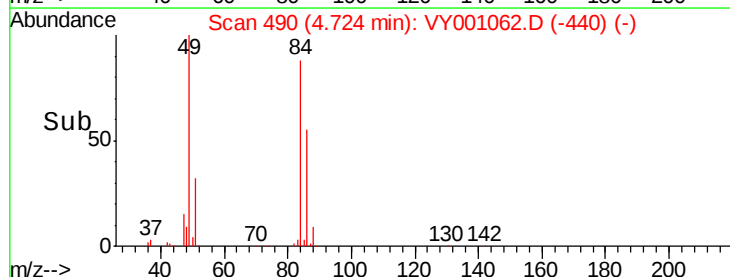
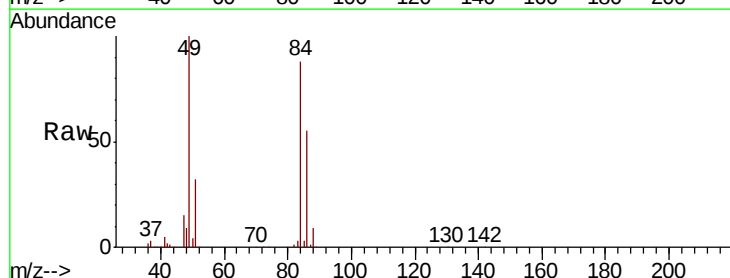
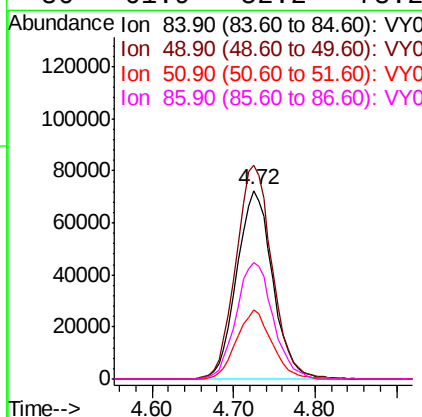
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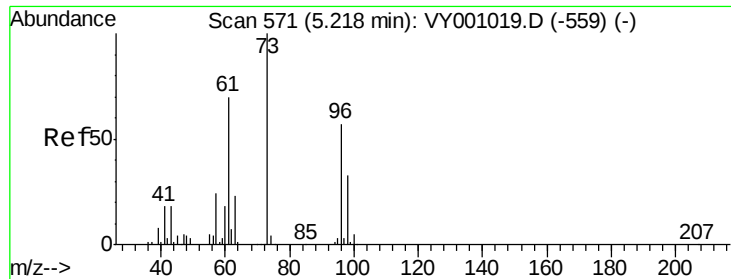
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#20
Methylene Chloride
Concen: 48.675 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion: 84 Resp: 221138
Ion Ratio Lower Upper
84 100
49 113.5 99.8 149.6
51 36.8 31.4 47.2
86 61.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.806 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

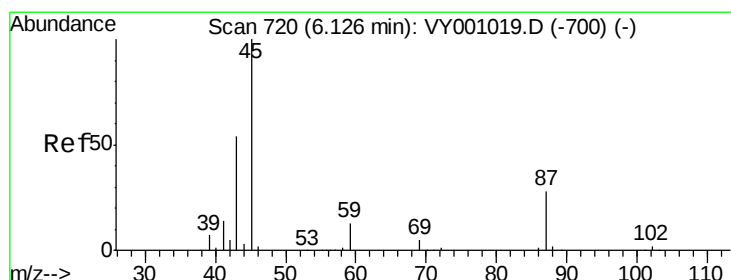
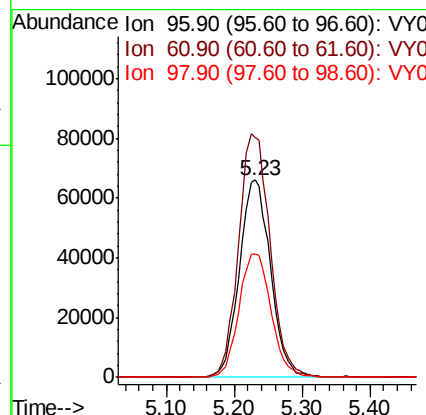
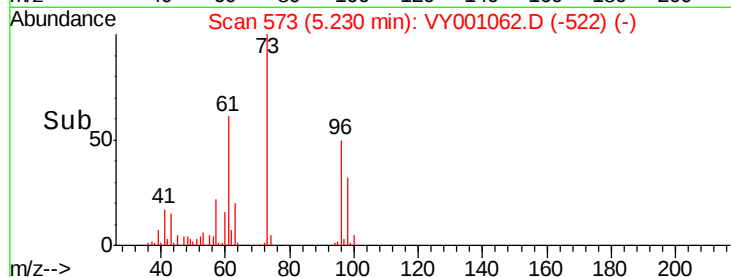
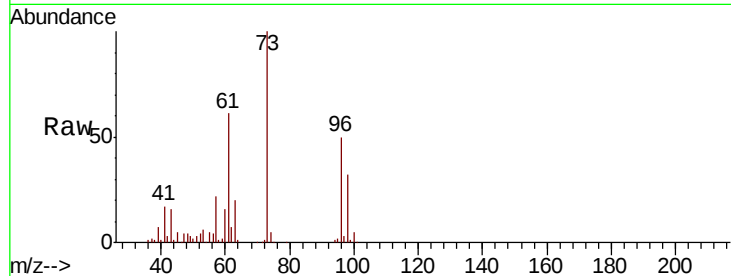
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	210654
Ion	Ratio	Lower	Upper
96	100		
61	121.8	98.1	147.1
98	62.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 48.833 ug/l

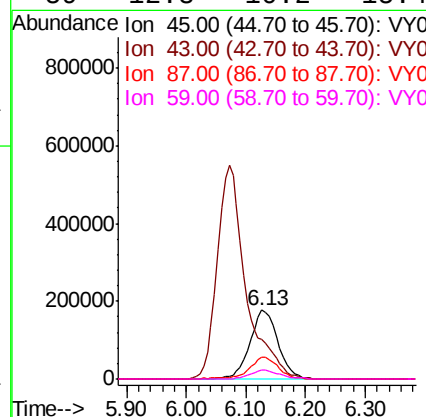
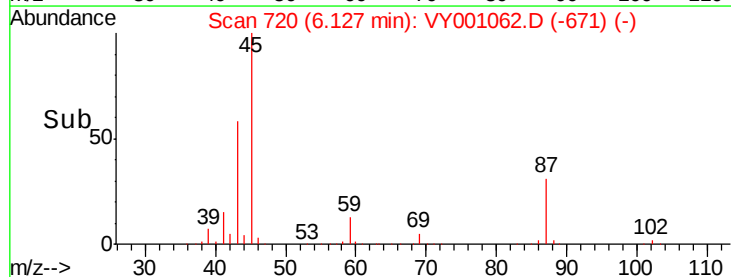
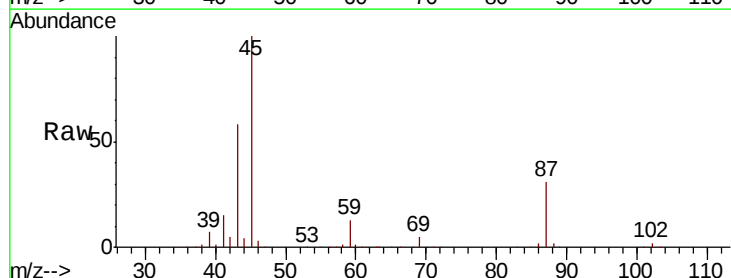
RT: 6.13 min Scan# 720

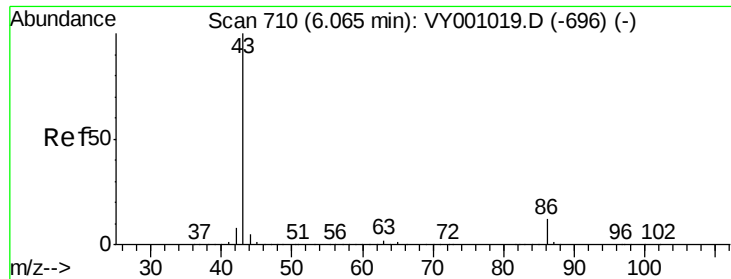
Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	45	Resp:	585191
Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.6	65.4
87	31.0	23.1	34.7
59	12.8	10.2	15.4





#23

Vinyl Acetate

Concen: 242.130 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1832449

Ion Ratio Lower Upper

43 100

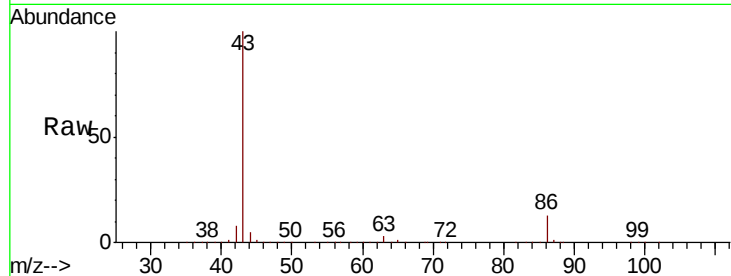
86 12.8 9.5 14.3

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

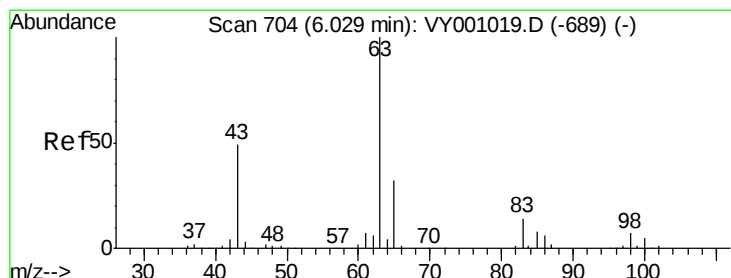
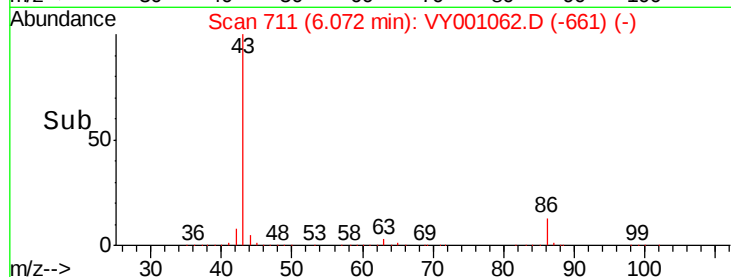
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.144 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

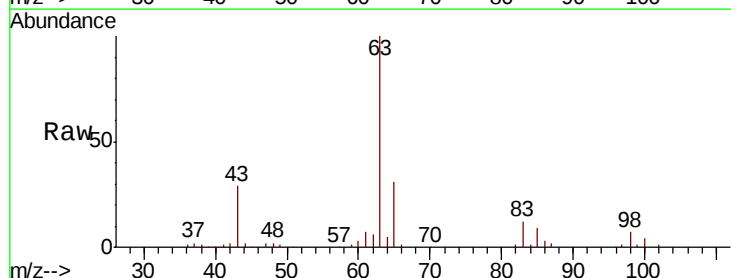
Tgt Ion: 63 Resp: 355100

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 3.9 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

6.03

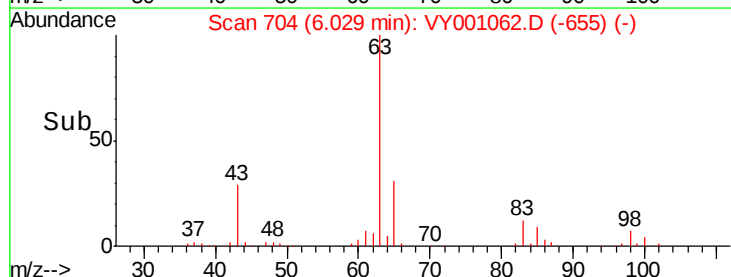
150000

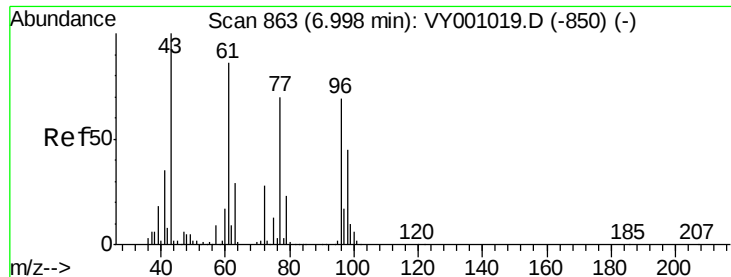
100000

50000

0

Time-->





#25

2-Butanone

Concen: 229.137 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 310700

Ion Ratio Lower Upper

43 100

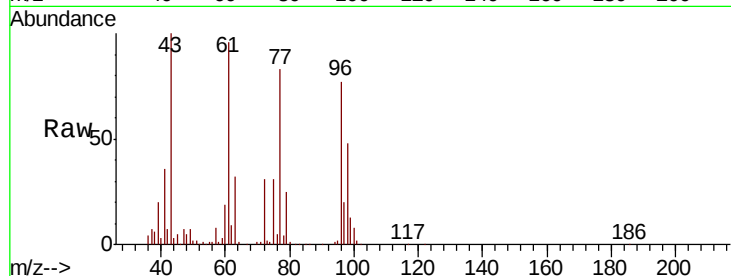
72 31.5 22.4 33.6

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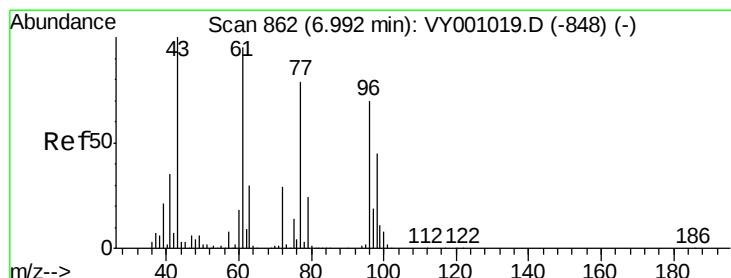
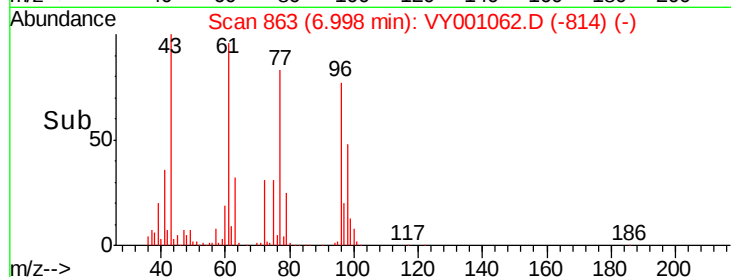
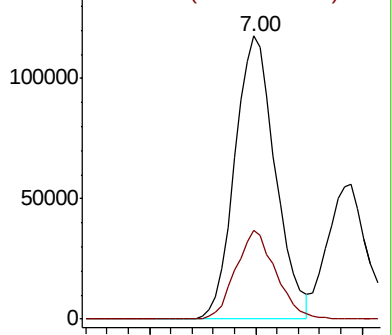
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.257 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001062.D

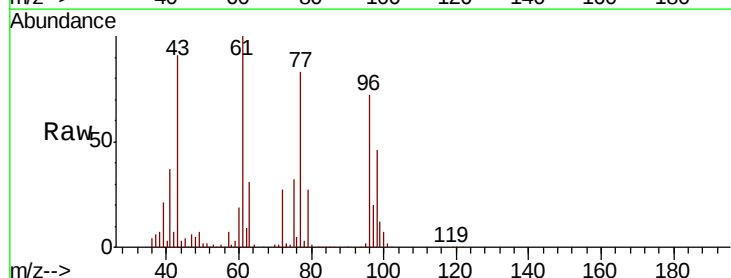
Acq: 26 Dec 2019 11:07

Tgt Ion: 77 Resp: 298218

Ion Ratio Lower Upper

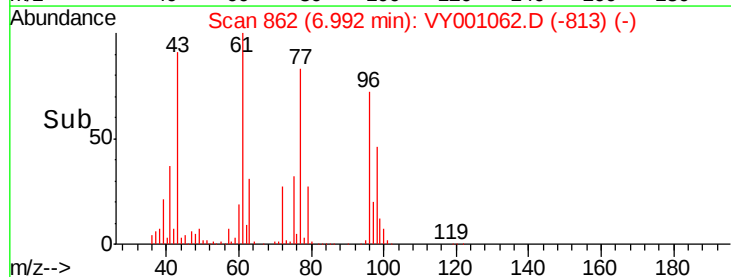
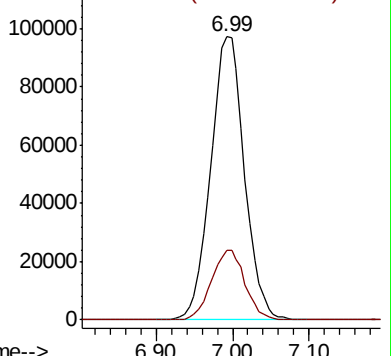
77 100

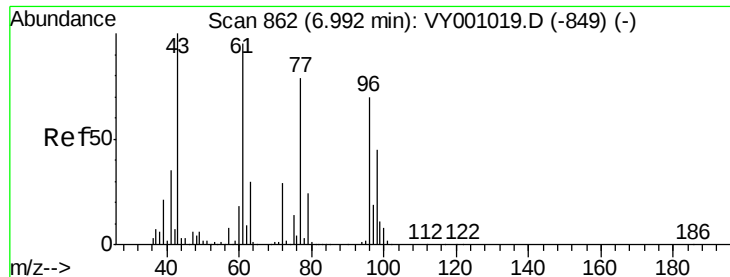
97 24.3 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

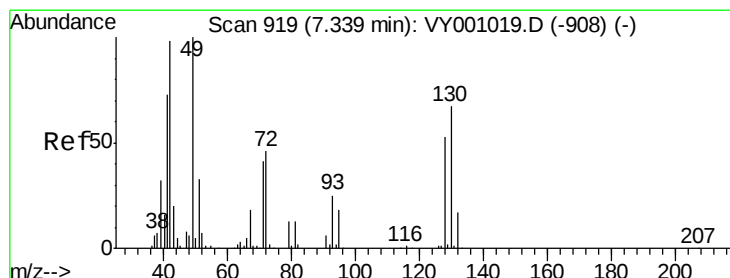
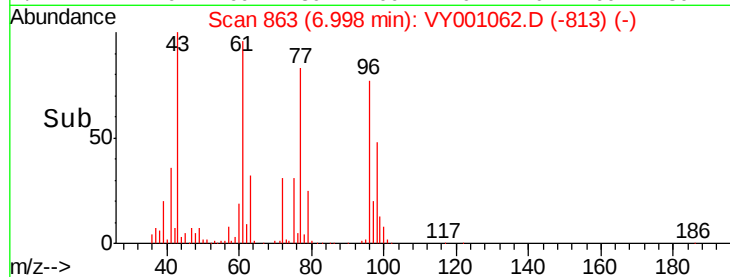
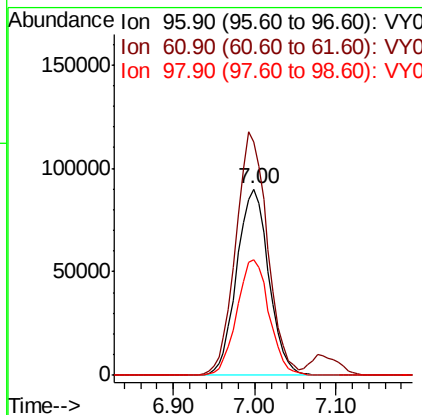
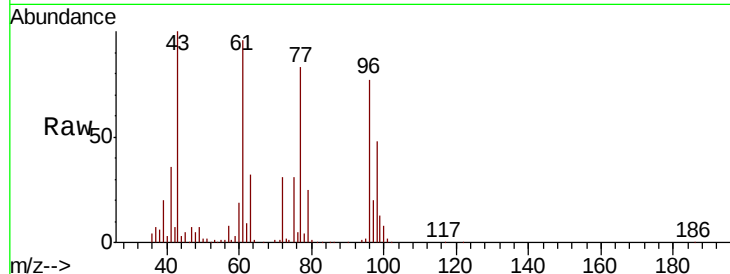
cis-1,2-Dichloroethene
Concen: 52.724 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	244992		
61	129.0	0.0	268.2	
98	62.7	0.0	129.2	

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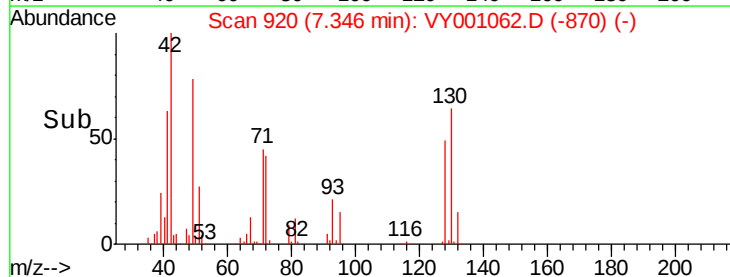
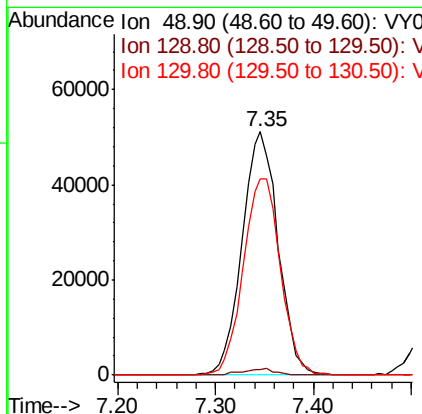
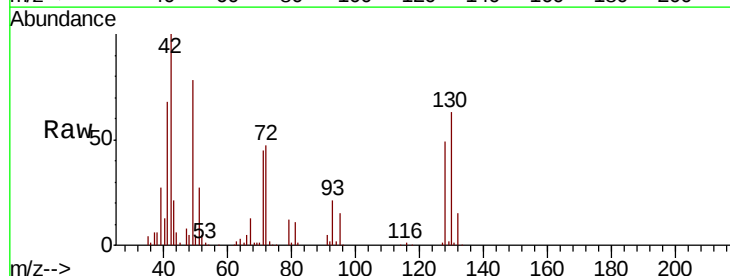
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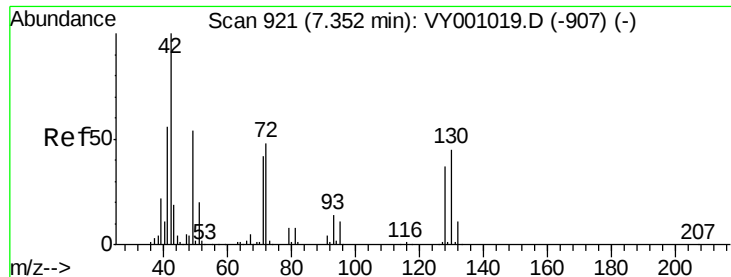


#28

Bromochloromethane
Concen: 47.170 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130335		
129	2.3	0.0	3.8	
130	83.2	60.4	90.6	





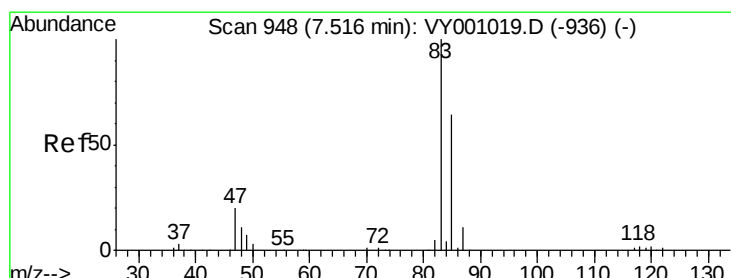
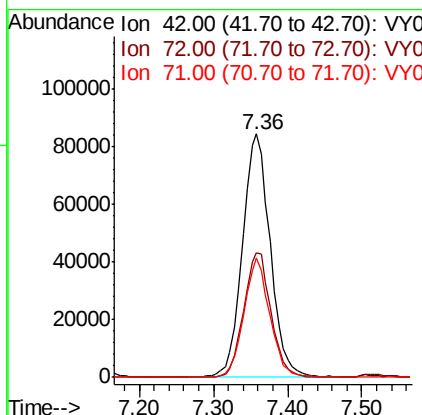
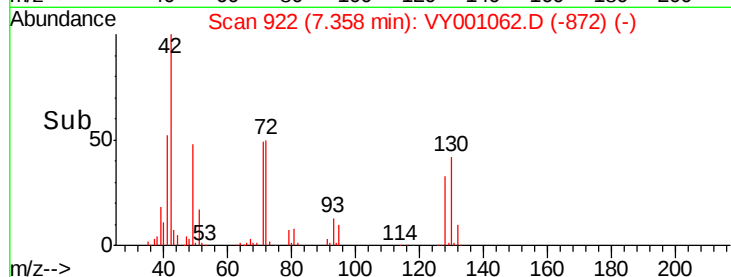
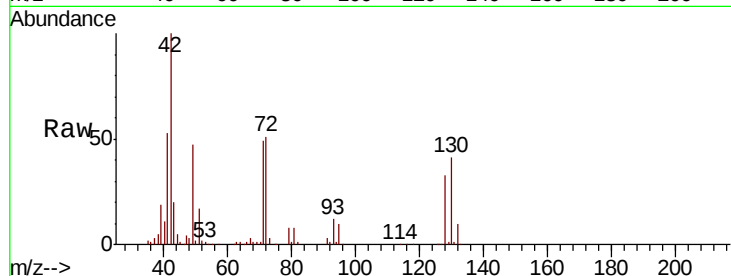
#29
Tetrahydrofuran
Concen: 228.767 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	37.7	56.5
71	45.8	34.6	51.8

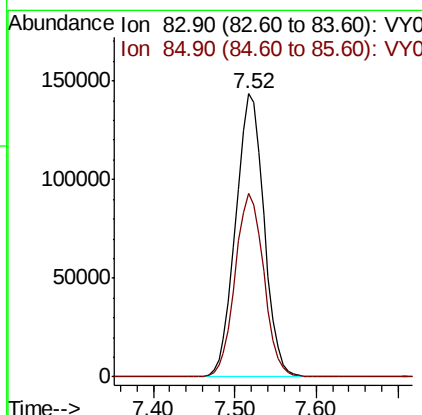
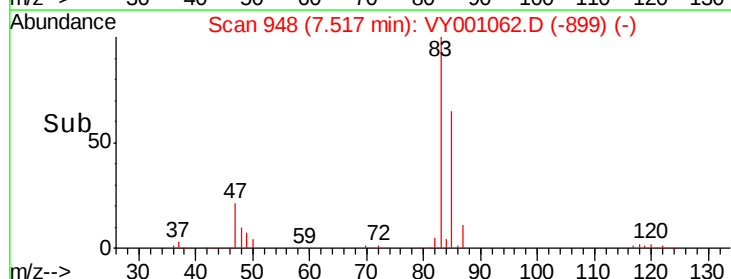
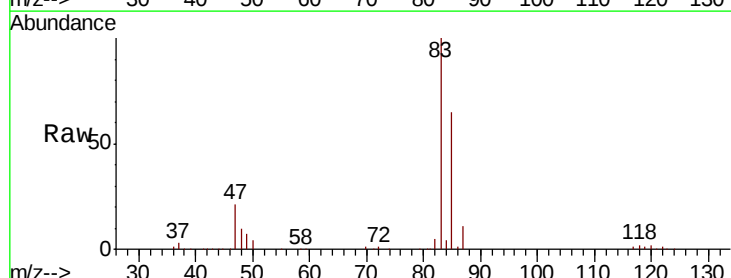
Manual Integrations
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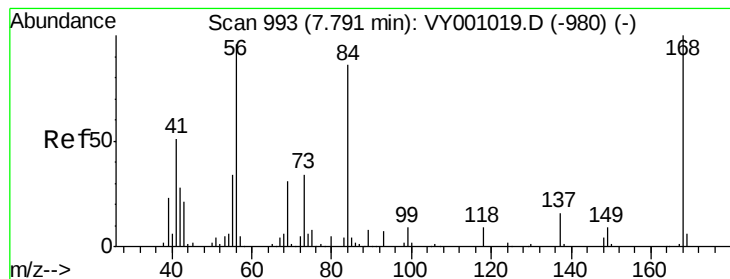
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#30
Chloroform
Concen: 51.447 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





#31

Cyclohexane

Concen: 43.339 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 322729

Ion Ratio Lower Upper

56 100

69 33.7 26.1 39.1

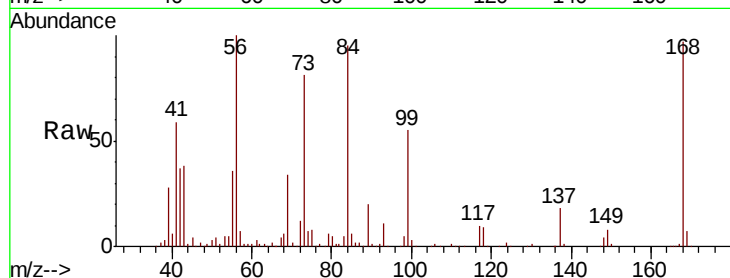
84 92.9 71.8 107.8

Manual Integrations

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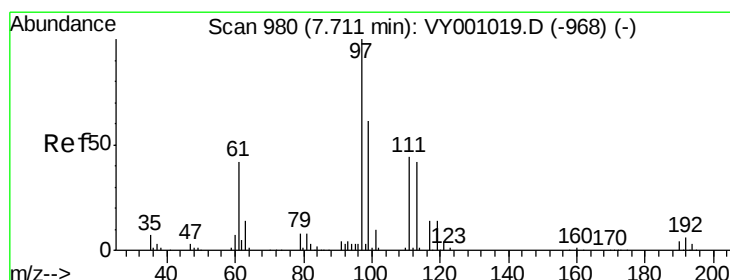
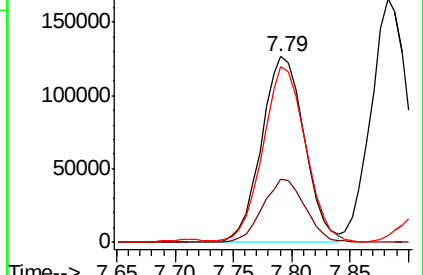
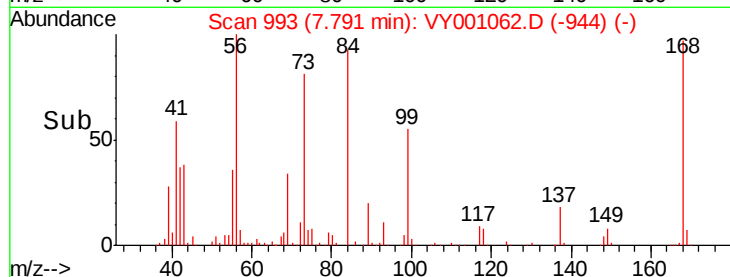
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Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-980) (-)

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

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



#32

1,1,1-Trichloroethane

Concen: 51.276 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

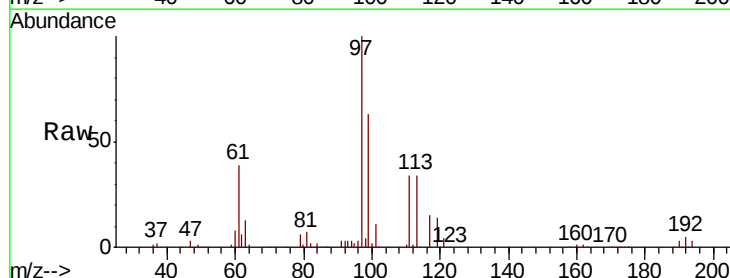
Tgt Ion: 97 Resp: 292898

Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

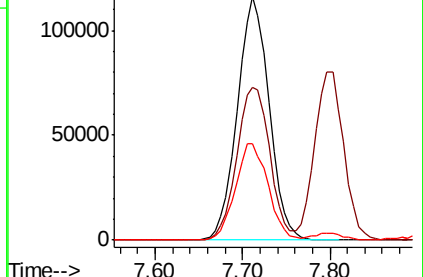
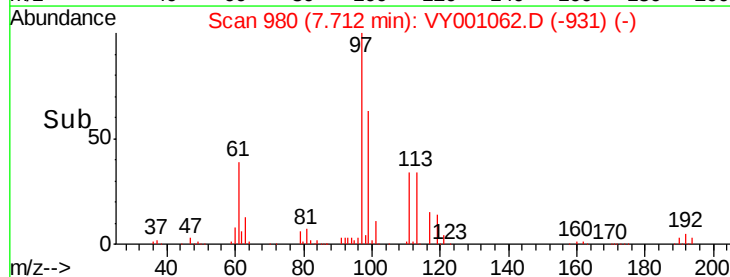
61 40.8 33.0 49.6

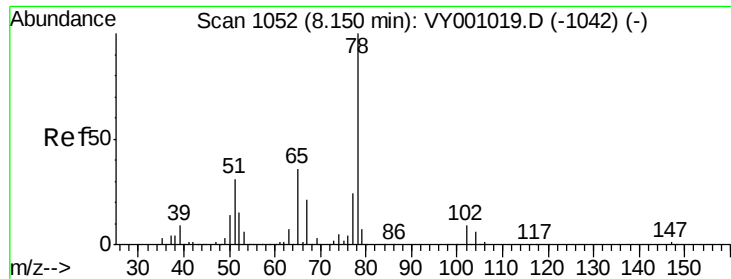


Abundance Ion 96.90 (96.60 to 97.60): VY001019.D (-968) (-)

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

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





#33

1,2-Dichloroethane-d4

Concen: 47.569 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 159378

Ion Ratio Lower Upper

65 100

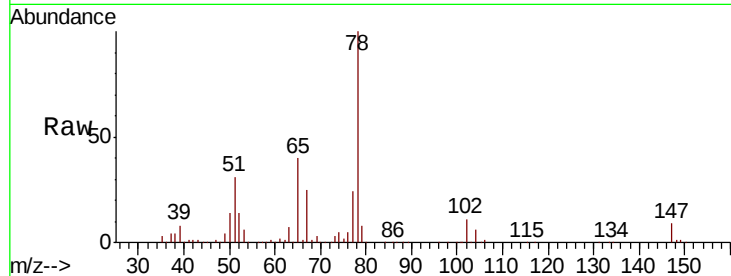
67 57.5 0.0 112.8

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Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

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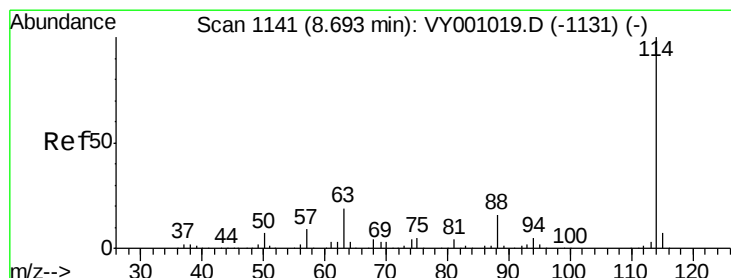
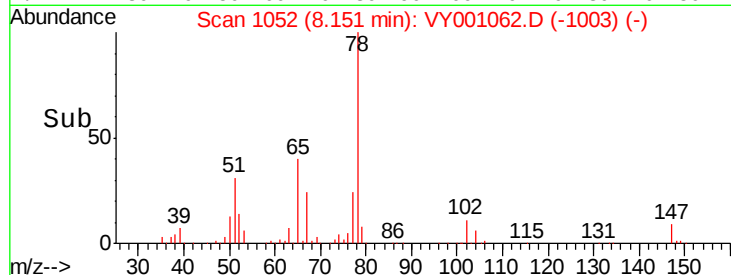
8.15

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

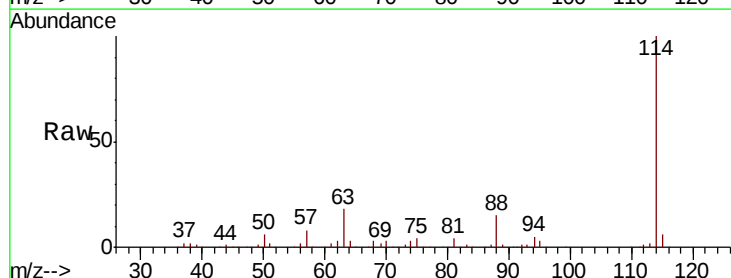
Tgt Ion: 114 Resp: 601484

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

88 15.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

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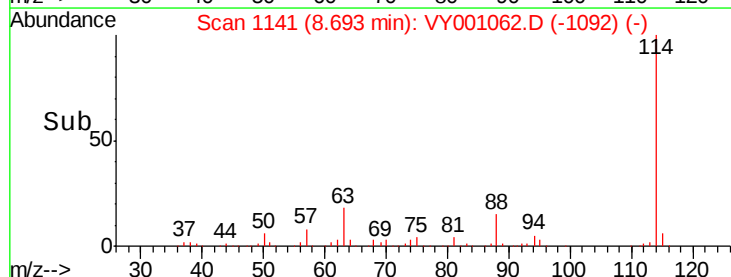
8.69

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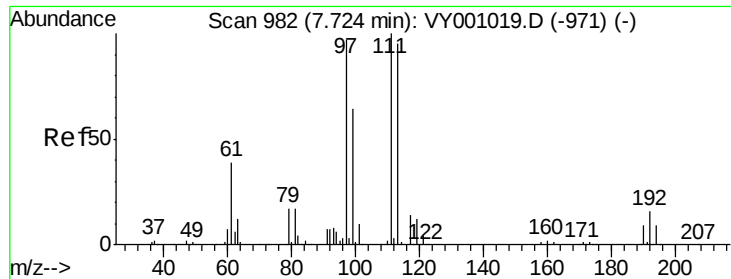
8.69

8.69

8.69



Time-->



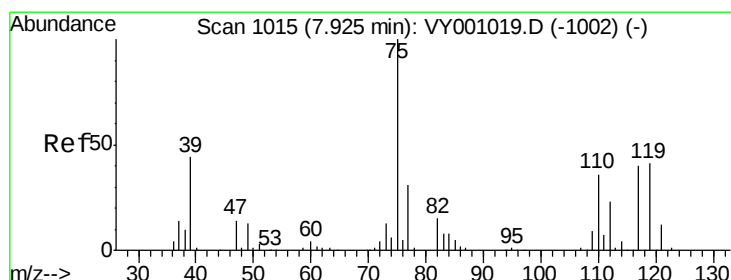
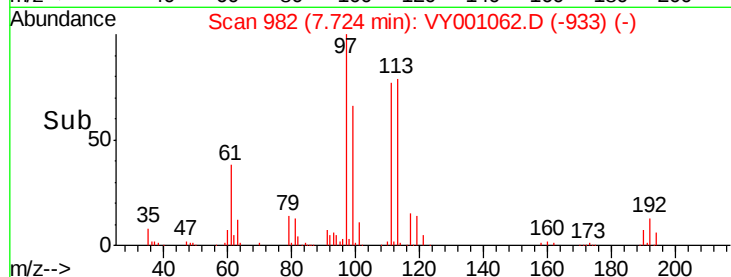
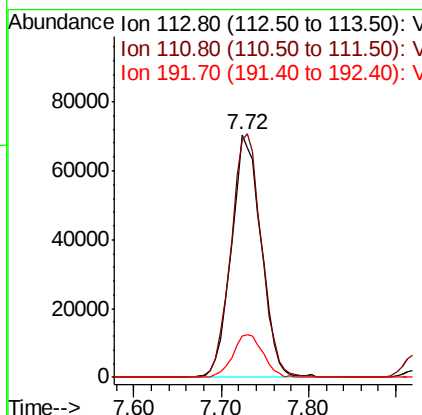
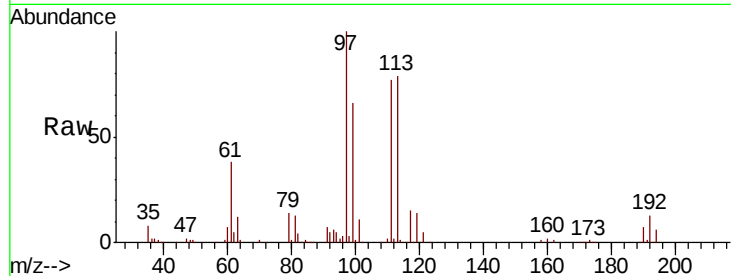
#35
 Dibromofluoromethane
 Concen: 47.086 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166774		
111	102.7	83.0	124.4	
192	17.9	14.6	21.8	

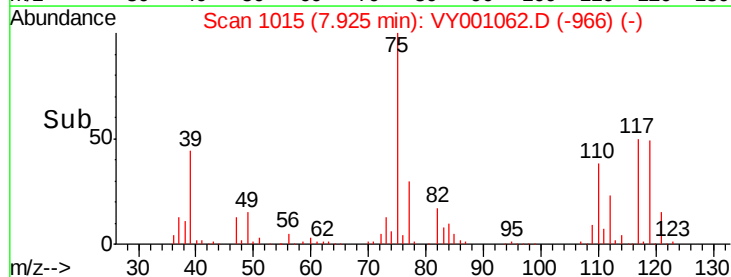
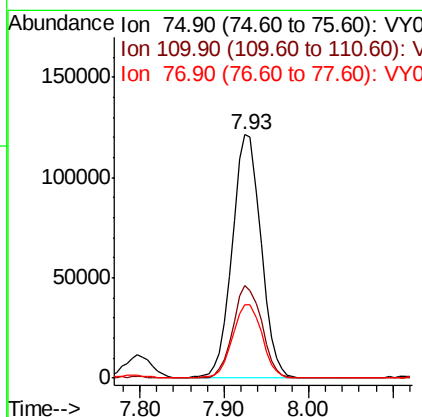
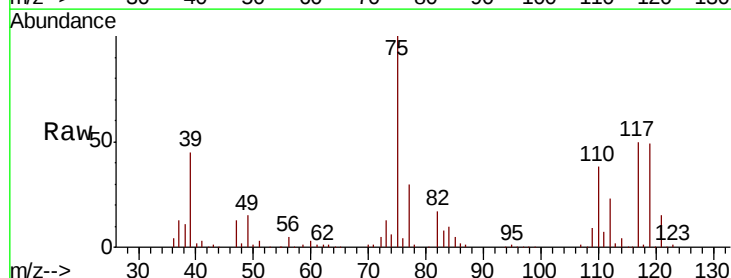
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#36
 1,1-Dichloropropene
 Concen: 48.869 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	280413		
110	37.9	18.1	54.4	
77	31.1	24.6	37.0	





#37

Ethyl Acetate

Concen: 46.592 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

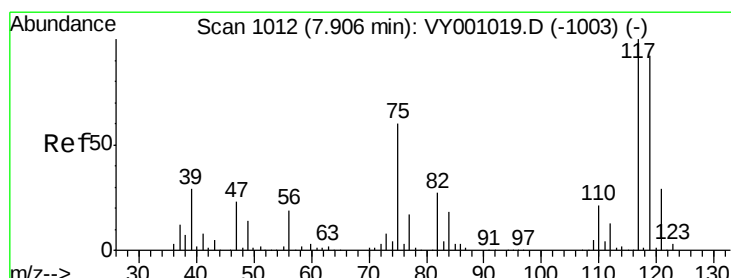
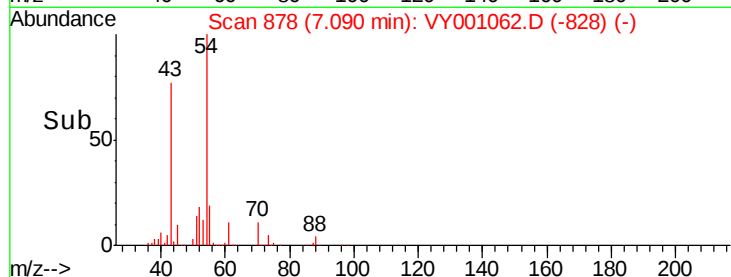
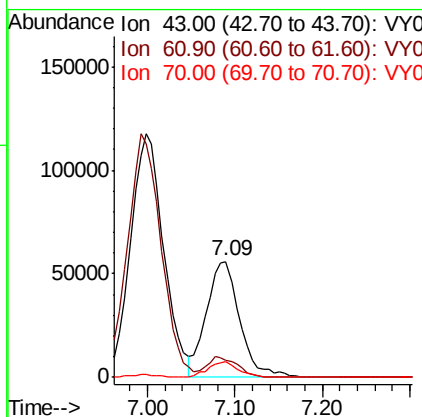
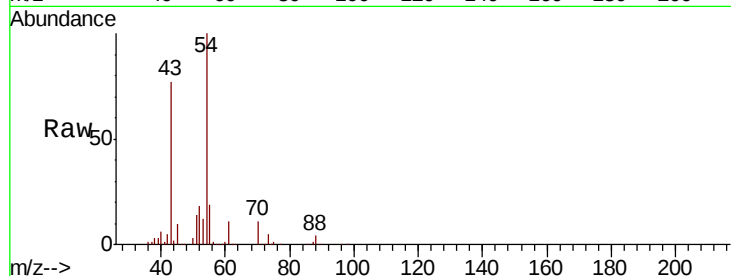
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	148034
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.5	18.7
70	12.4	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 51.382 ug/l

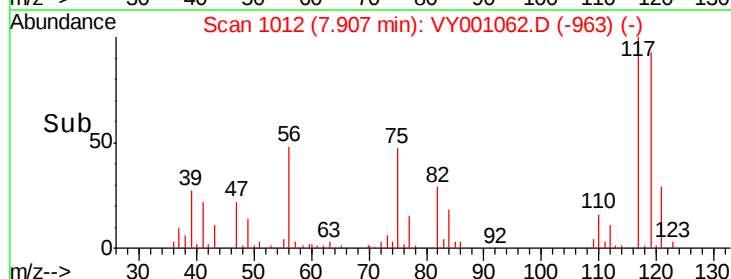
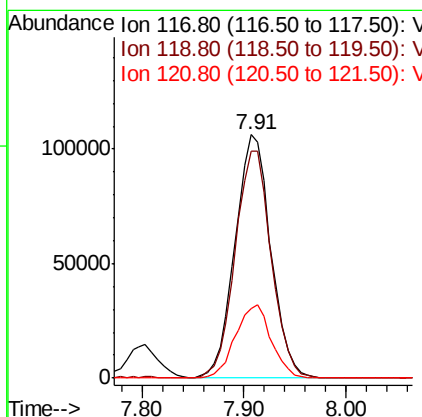
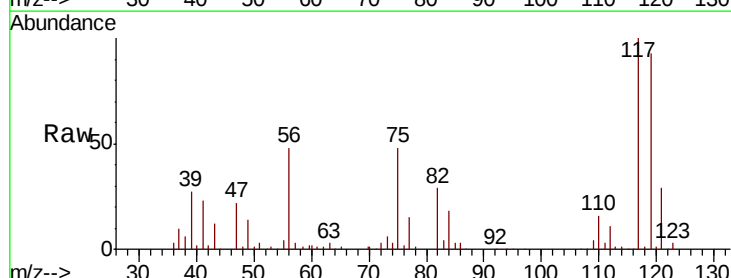
RT: 7.91 min Scan# 1012

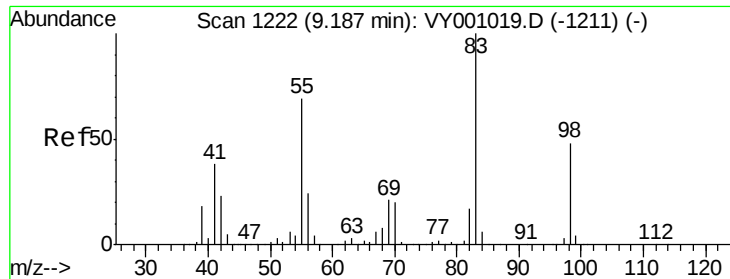
Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	117	Resp:	258318
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.2	111.2
121	28.5	22.9	34.3





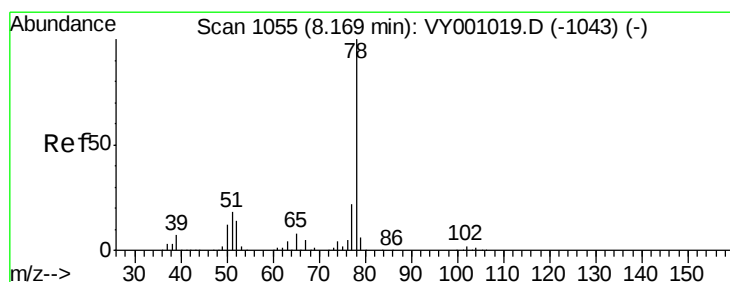
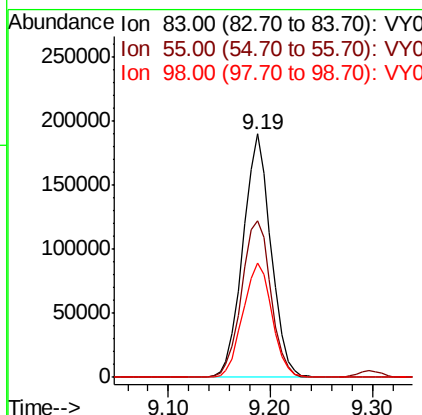
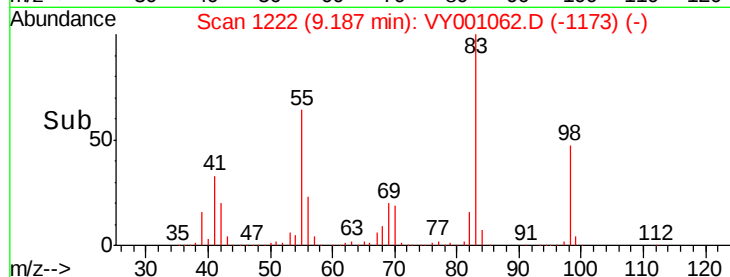
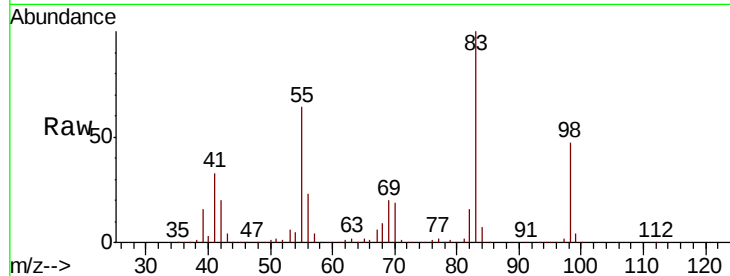
#39
Methvlcvclohexane
Concen: 47.416 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.3	55.1	82.7
98	47.1	38.3	57.5

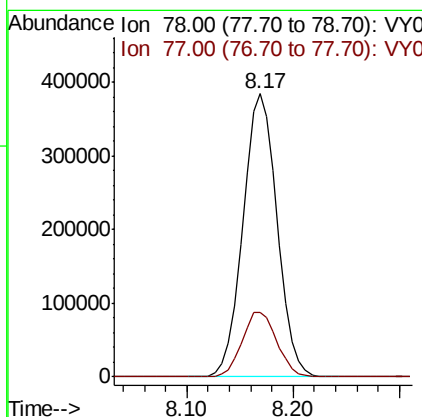
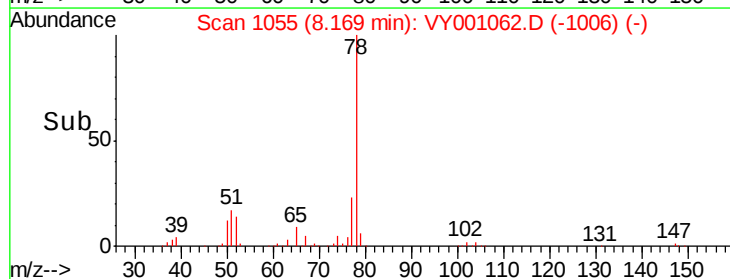
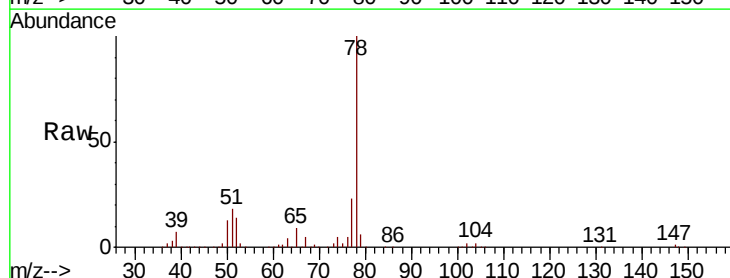
Manual Integrations
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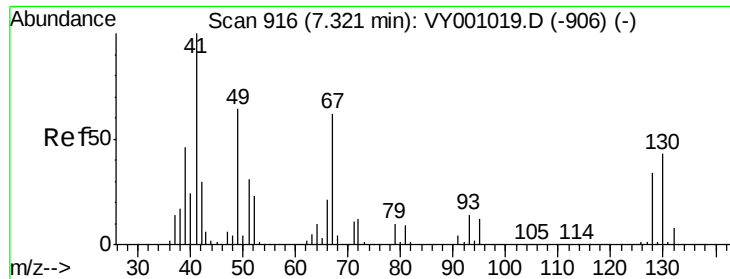
apatel
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#40
Benzene
Concen: 49.882 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.7	26.5





#41

Methacrylonitrile

Concen: 47.330 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tot Ion: 41 Resp: 65197

Ion	Ratio	Lower	Upper
41	100		
39	129.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

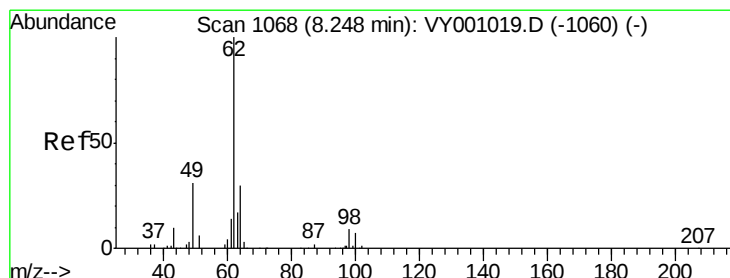
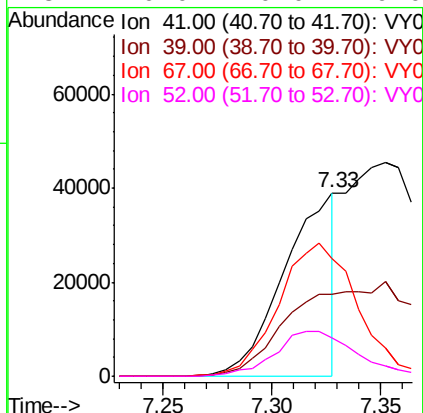
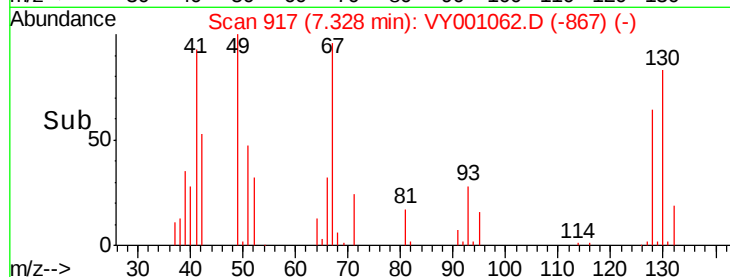
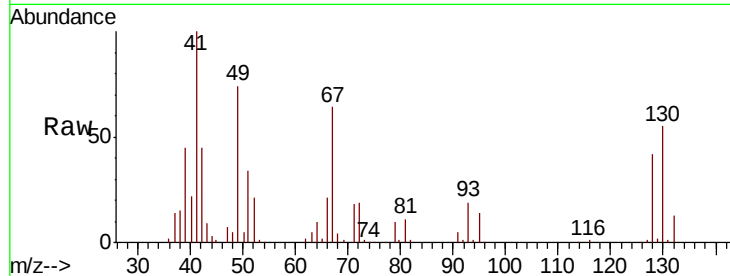
MSVOA_Y

ClientSampleId :

VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 49.406 ug/l

RT: 8.25 min Scan# 1068

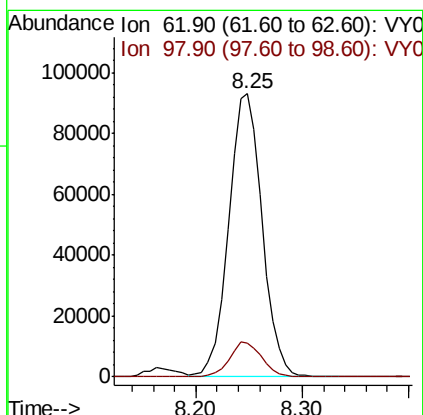
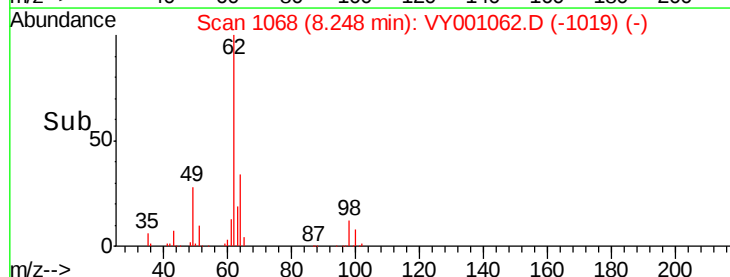
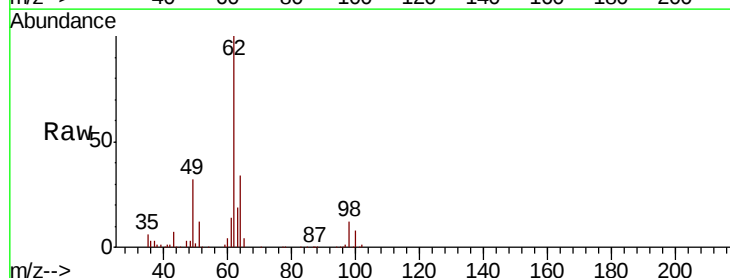
Delta R.T. 0.00 min

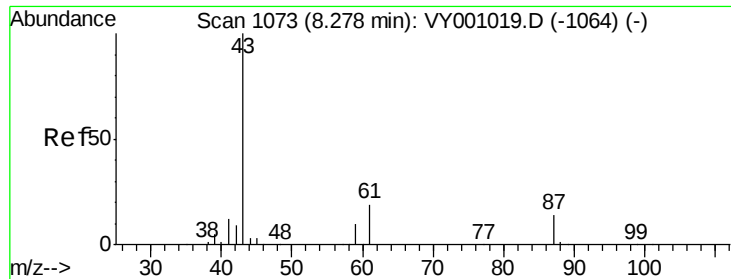
Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion: 62 Resp: 204481

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	23.4





#43

Isopropyl Acetate

Concen: 47.717 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

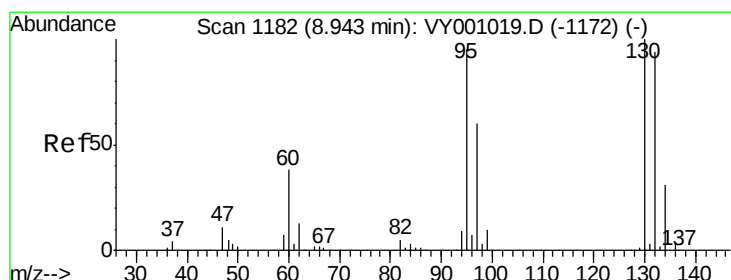
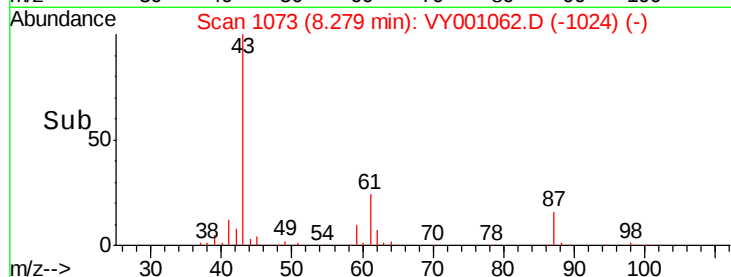
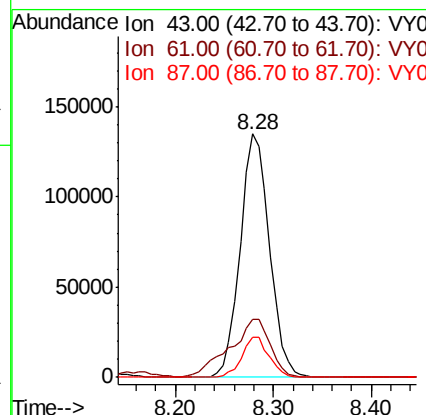
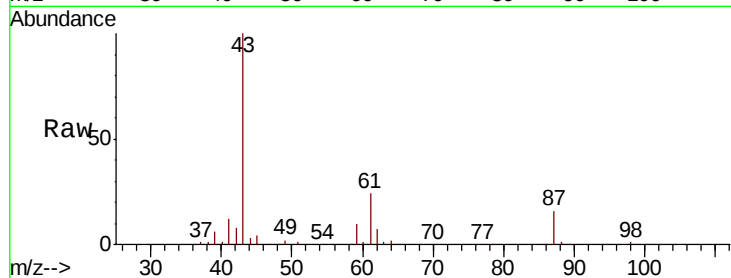
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	280655
Ion Ratio	Lower	Upper	
43	100		
61	33.0	25.0	37.6
87	15.5	12.0	18.0

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#44

Trichloroethene

Concen: 51.222 ug/l

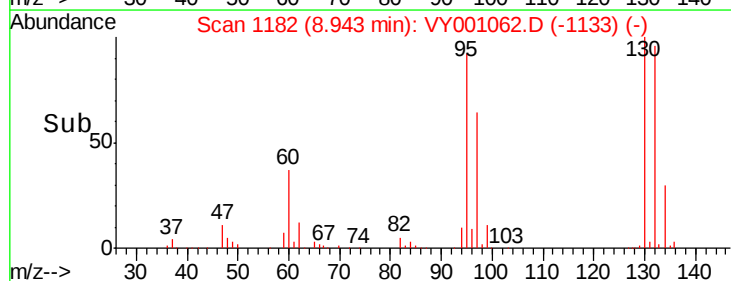
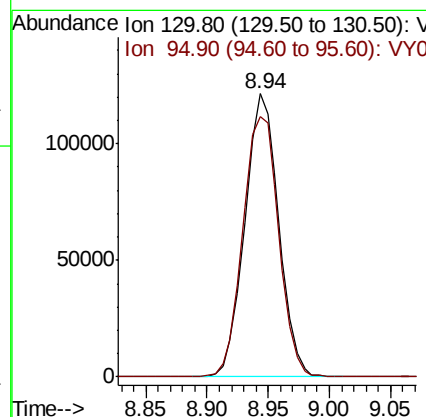
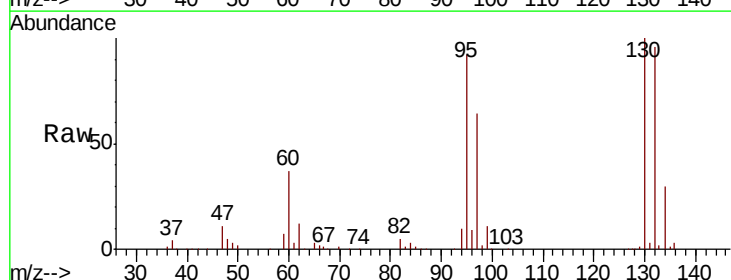
RT: 8.94 min Scan# 1182

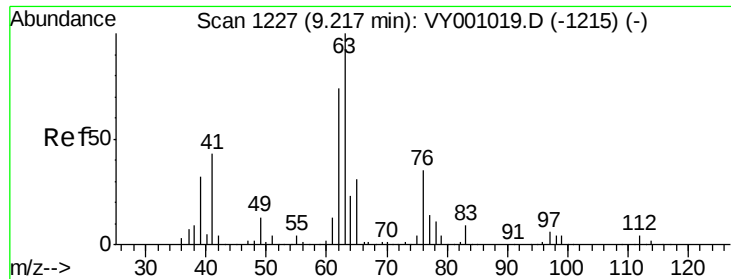
Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	130	Resp:	233632
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	190.6





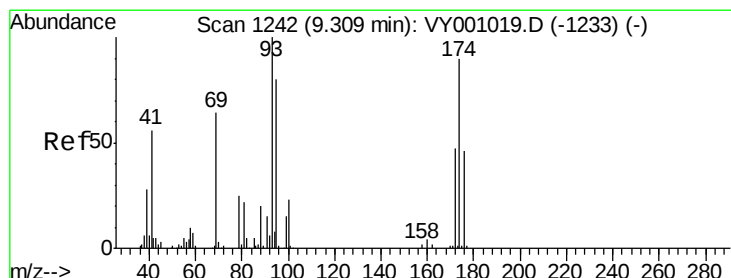
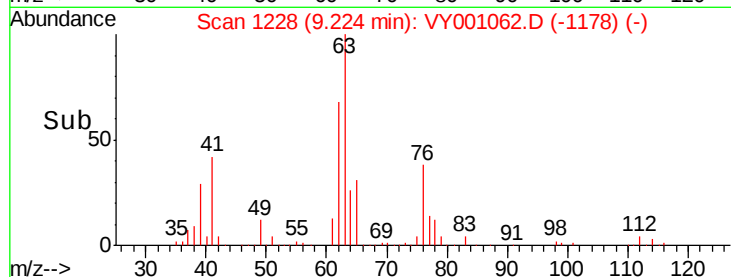
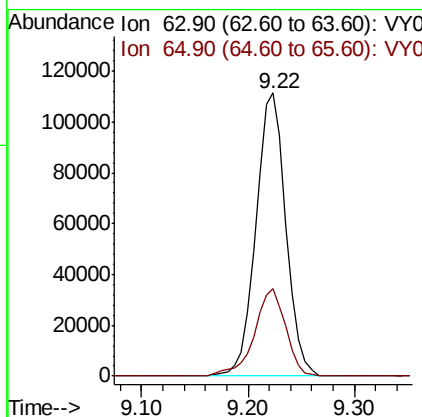
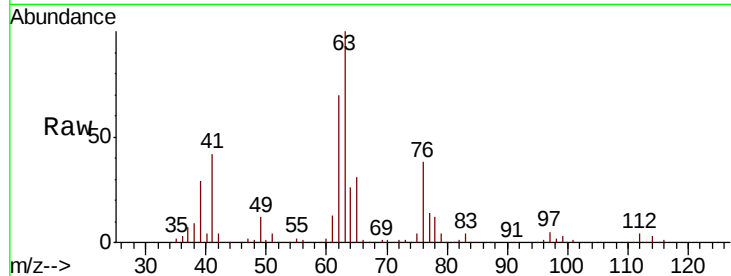
#45
 1,2-Dichloropropane
 Concen: 50.424 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.1	37.7

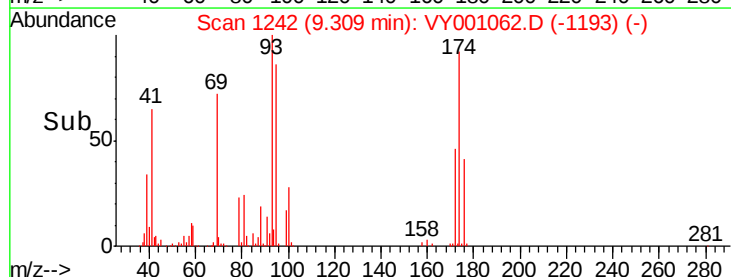
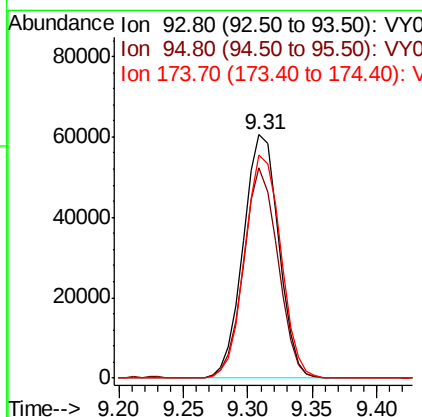
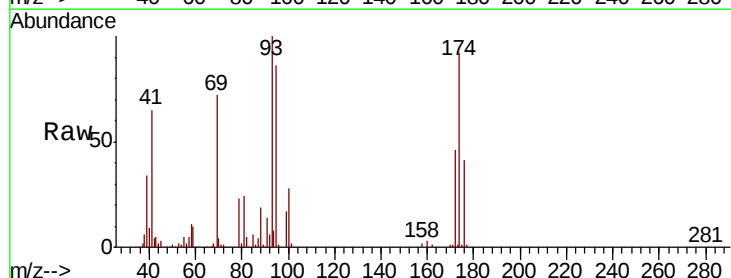
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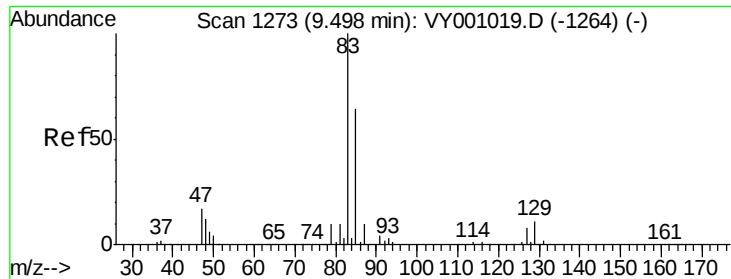
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#46
 Dibromomethane
 Concen: 51.506 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.7	100.1
174	93.1	73.6	110.4





#47

Bromodichloromethane

Concen: 51.434 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

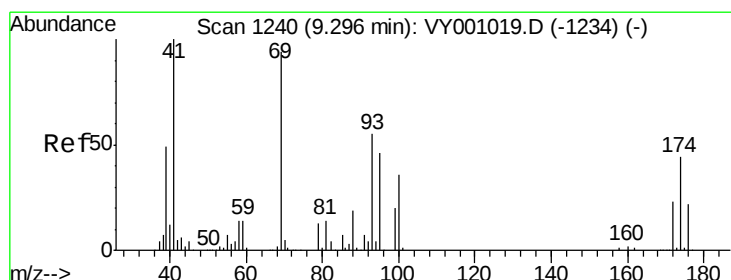
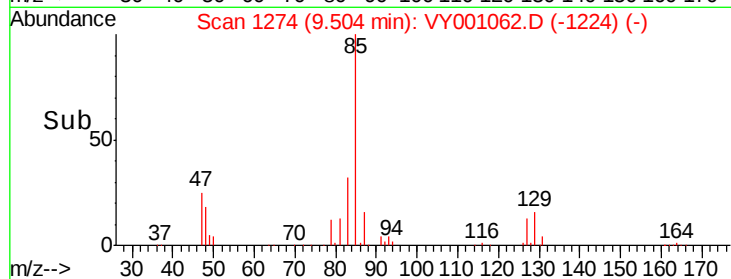
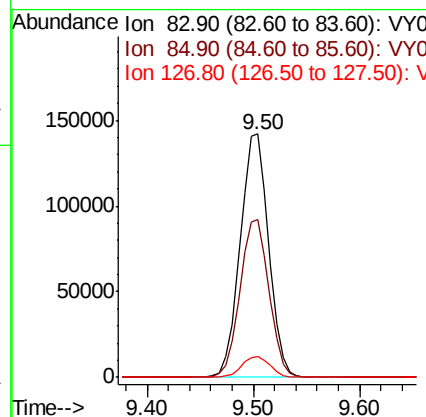
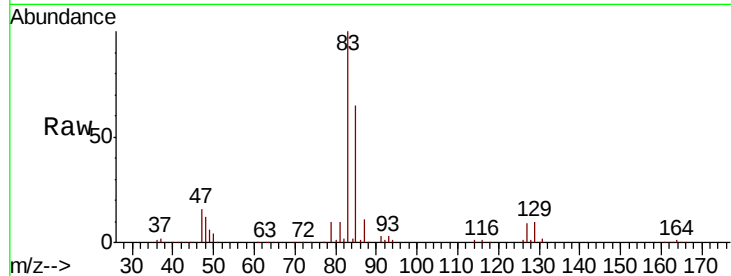
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	266714
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3
127	8.6	6.4	9.6

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#48

Methyl methacrylate

Concen: 47.911 ug/l

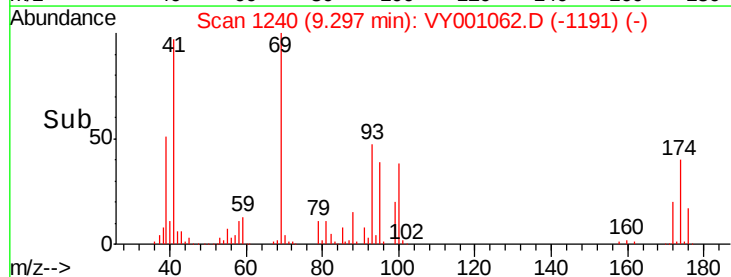
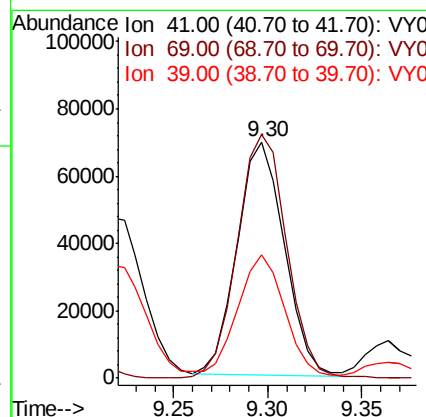
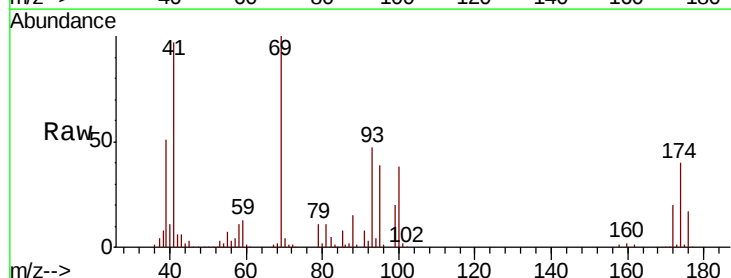
RT: 9.30 min Scan# 1240

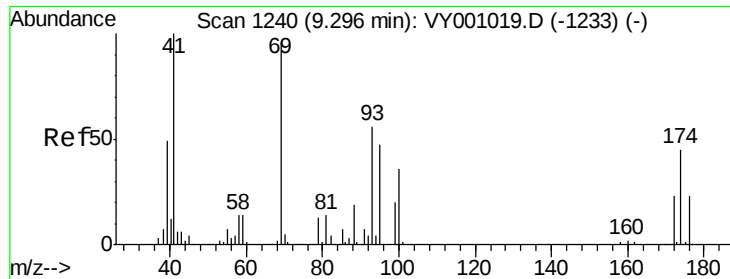
Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion:	41	Resp:	120252
Ion Ratio	Lower	Upper	
41	100		
69	109.3	79.8	119.6
39	53.8	41.7	62.5





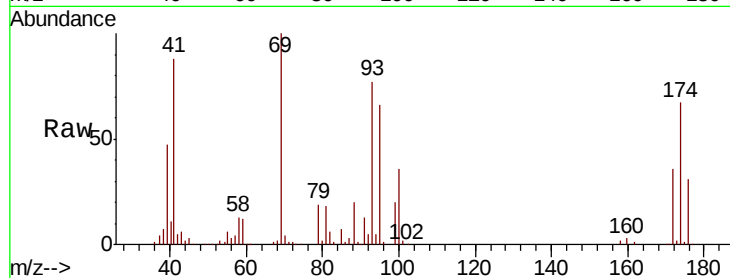
#49
1,4-Dioxane
Concen: 924.614 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.0	34.4
58	63.7	54.9	82.3

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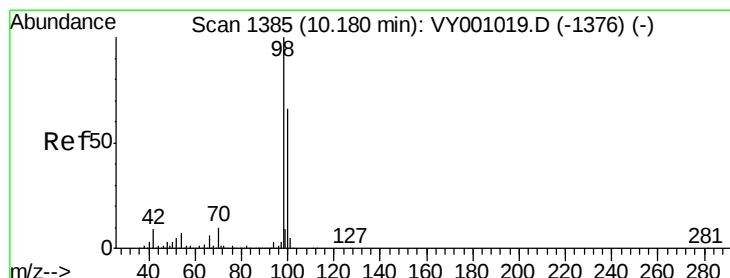
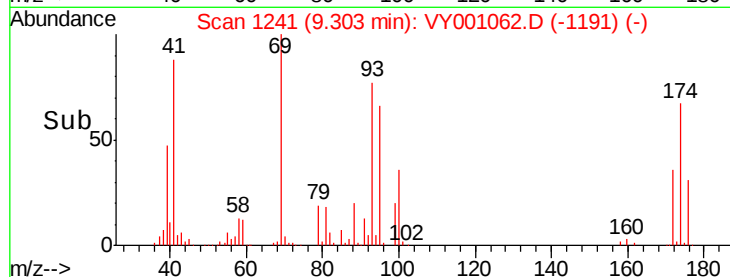
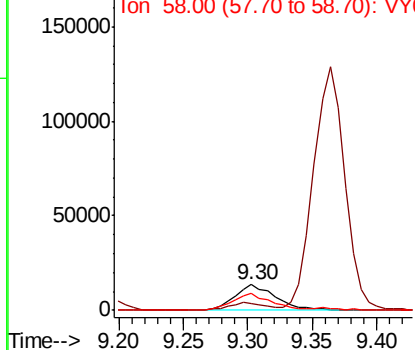


Abundance

Ion 88.00 (87.70 to 88.70): VY0

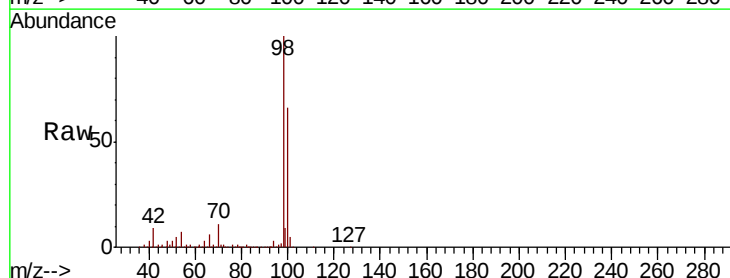
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 50.314 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

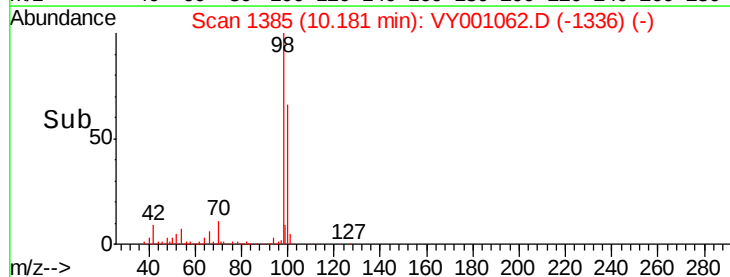
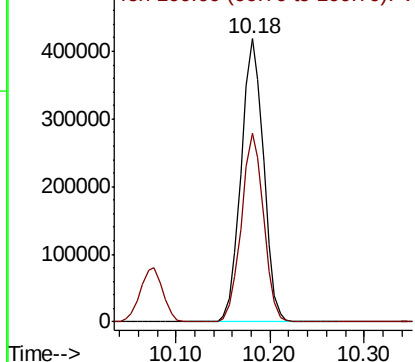
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

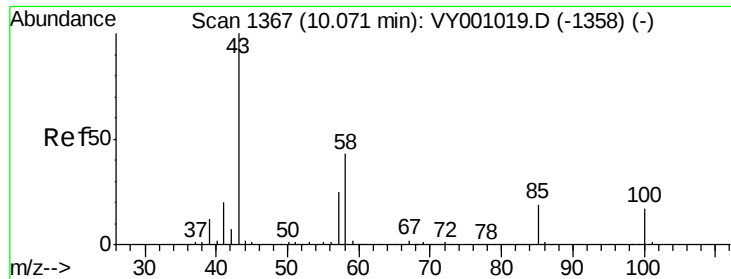


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





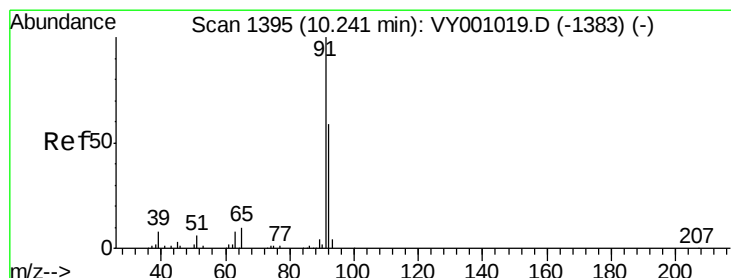
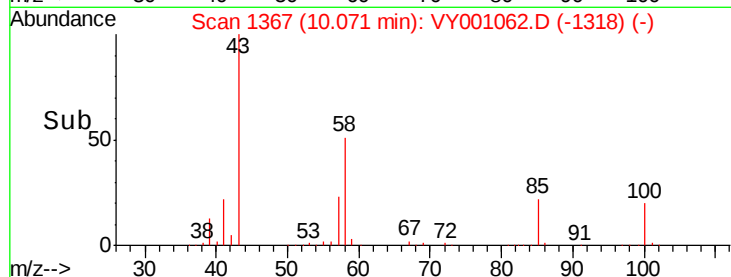
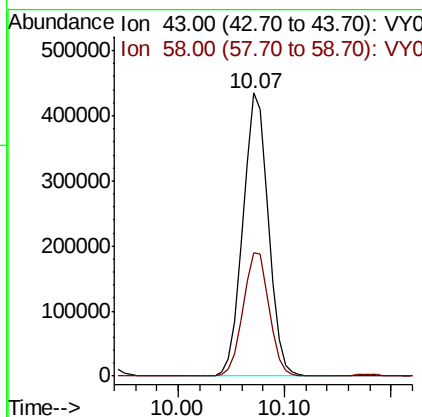
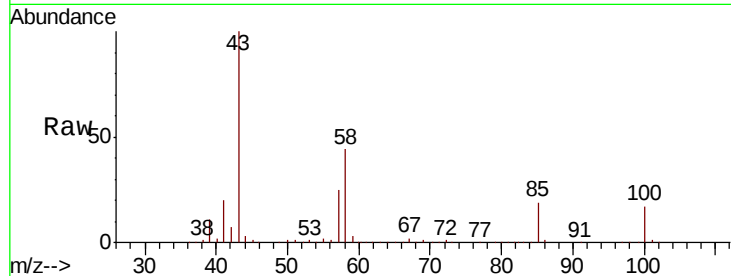
#51
4-Methyl-2-Pentanone
Concen: 238.561 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.8	34.6	52.0

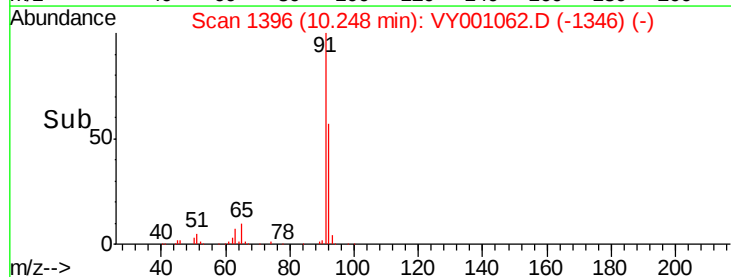
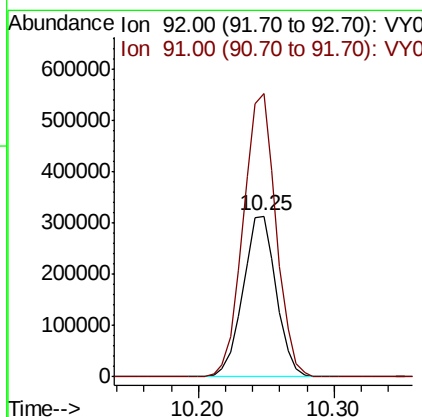
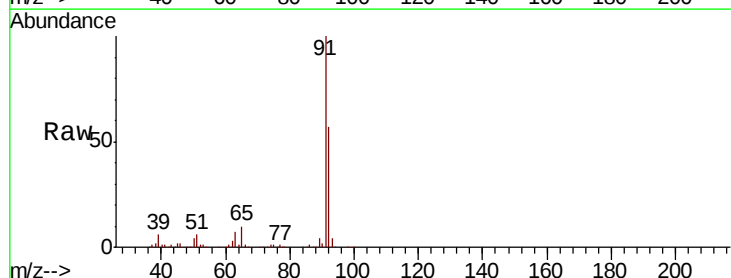
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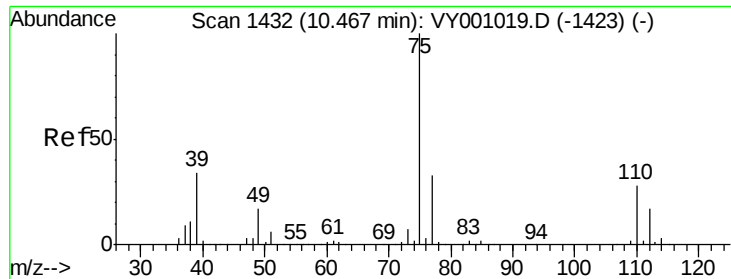
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#52
Toluene
Concen: 50.130 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	135.7	203.5





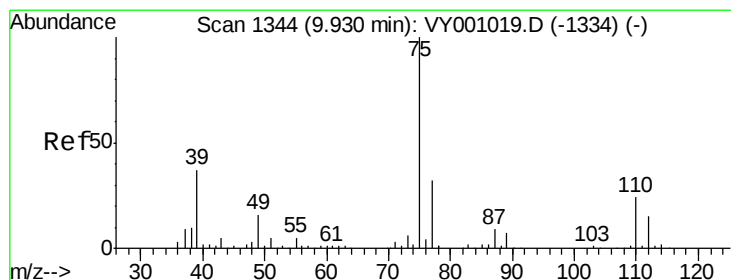
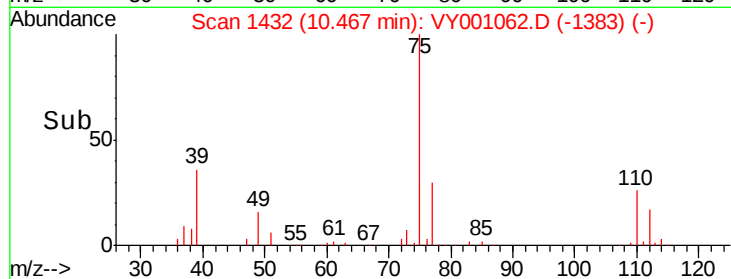
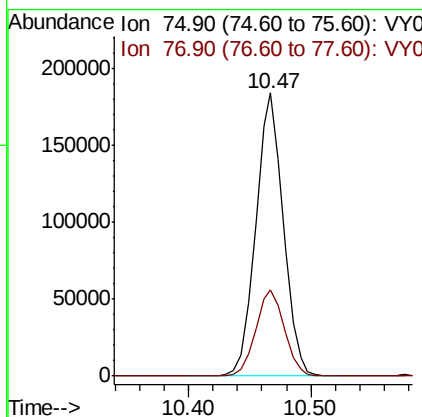
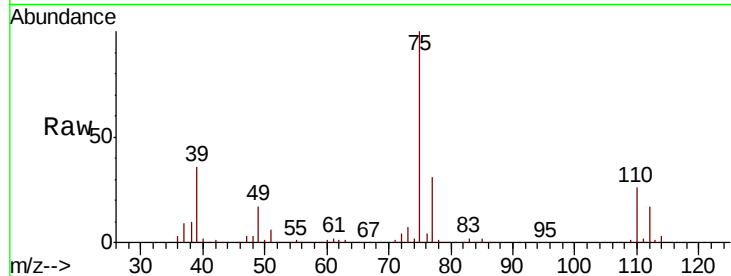
#53
t-1,3-Dichloropropene
Concen: 51.142 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 287816
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7

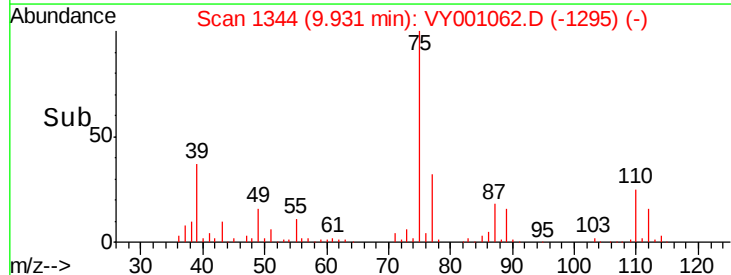
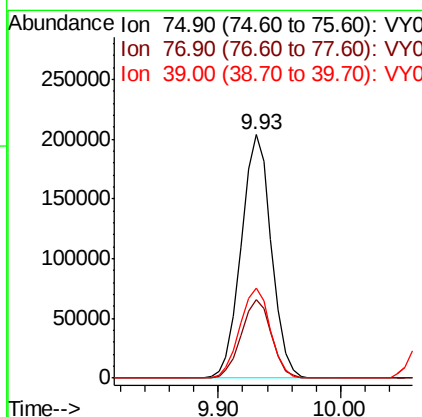
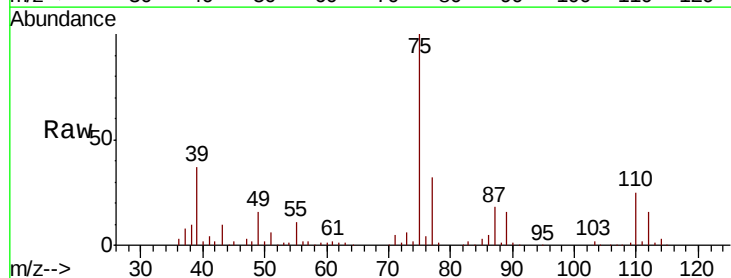
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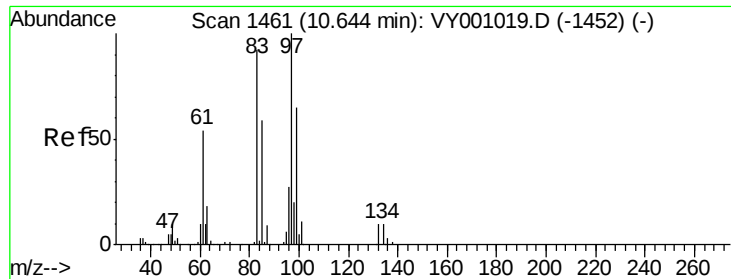
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#54
cis-1,3-Dichloropropene
Concen: 51.319 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion: 75 Resp: 347281
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 36.8 29.5 44.3





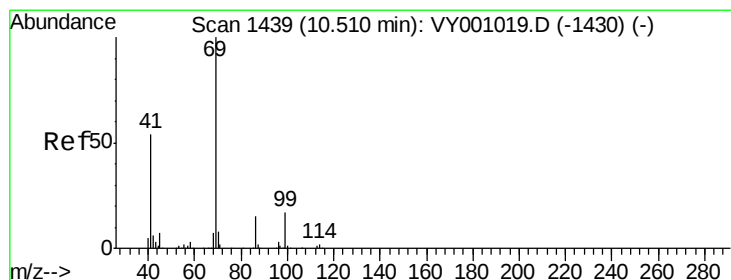
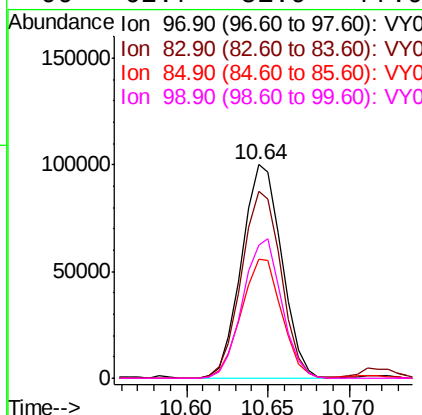
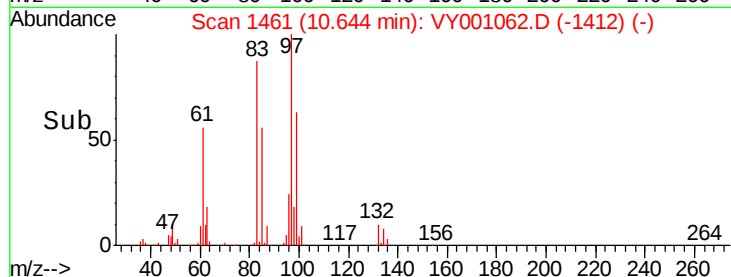
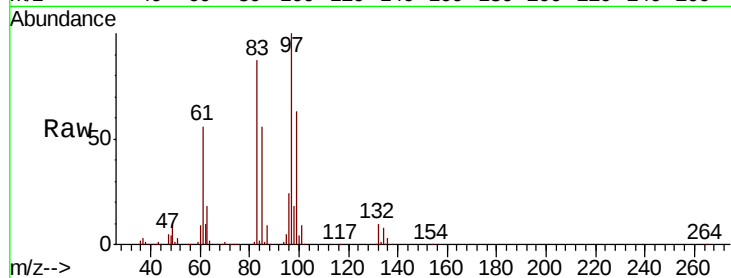
#55
 1,1,2-Trichloroethane
 Concen: 51.303 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171458
Ion	Ratio	Lower	Upper
97	100		
83	87.4	73.7	110.5
85	55.8	47.3	70.9
99	62.7	51.9	77.9

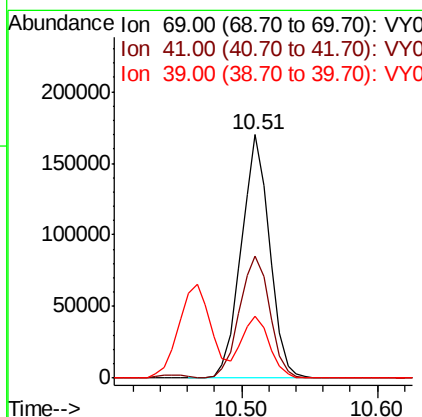
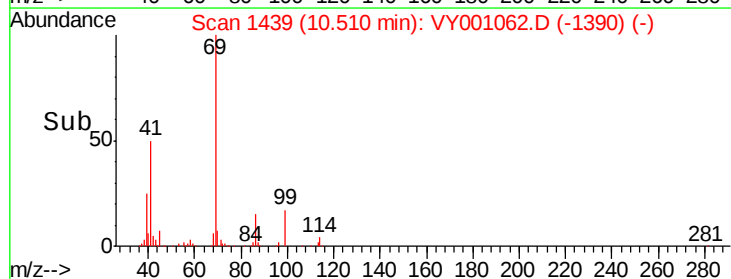
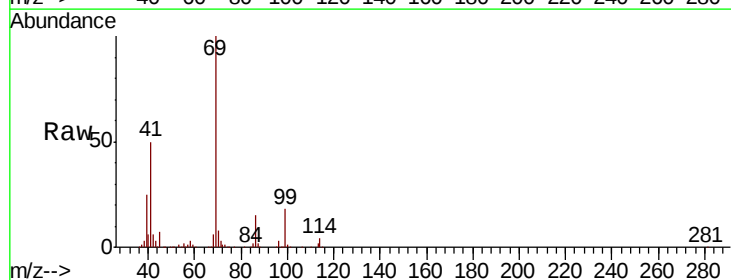
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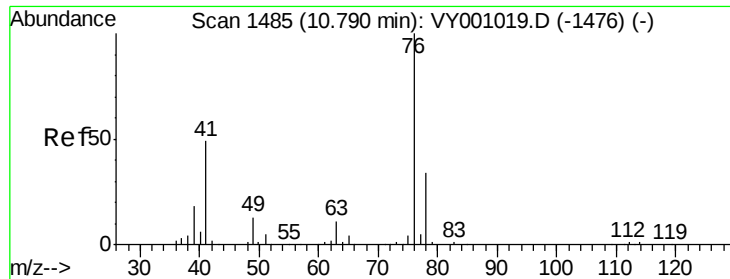
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#56
 Ethyl methacrylate
 Concen: 51.917 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion:	69	Resp:	246944
Ion	Ratio	Lower	Upper
69	100		
41	53.5	44.7	67.1
39	24.7	22.2	33.4





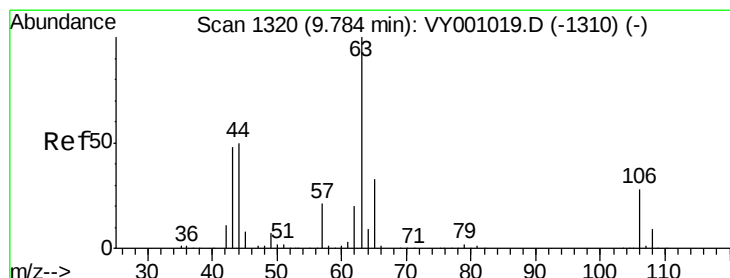
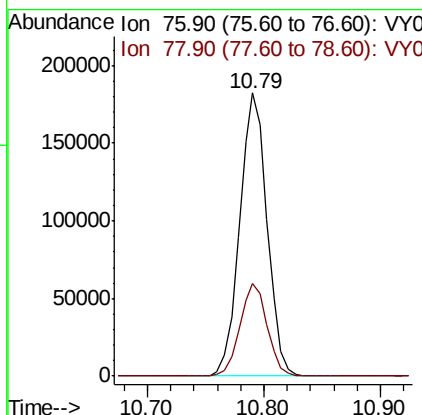
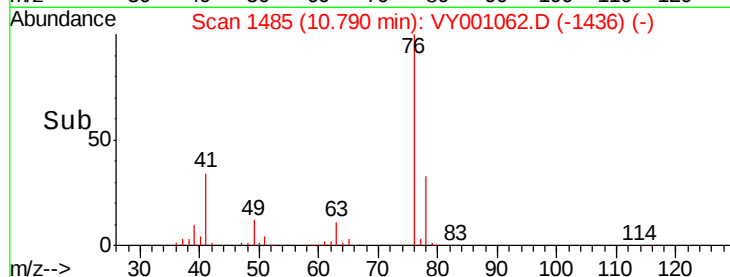
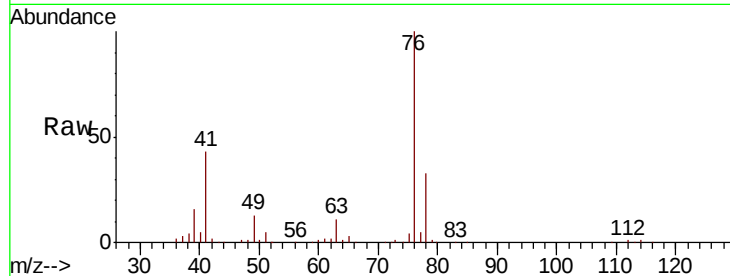
#57
 1,3-Dichloropropane
 Concen: 50.765 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

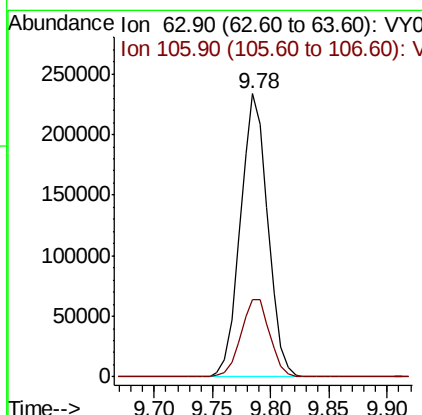
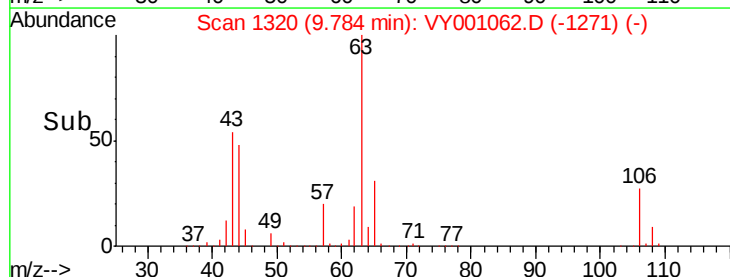
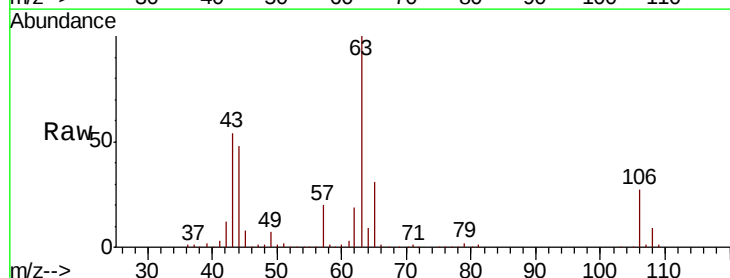
Manual Integrations
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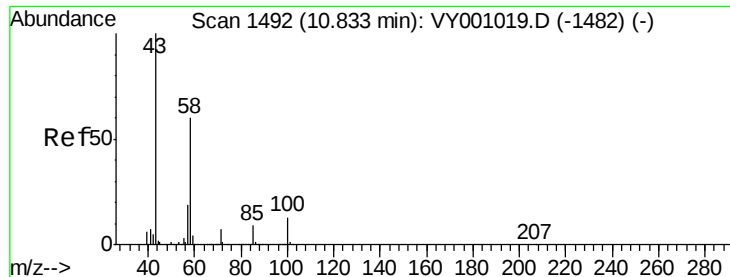
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 208.578 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.7	34.1





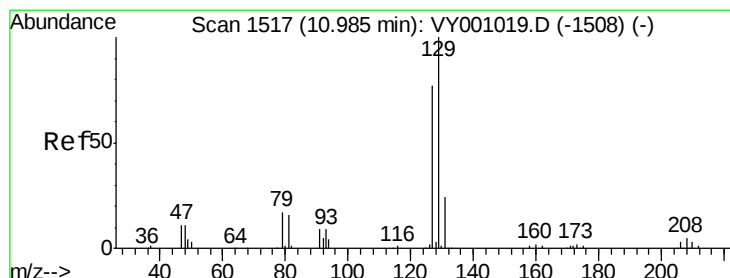
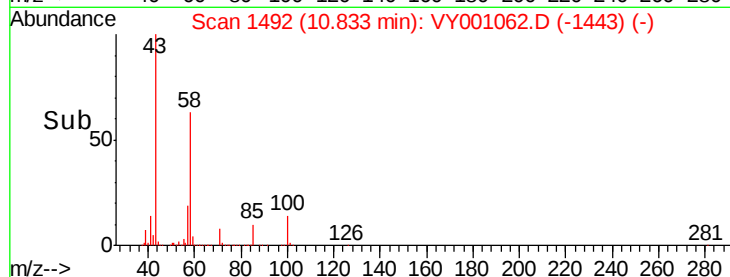
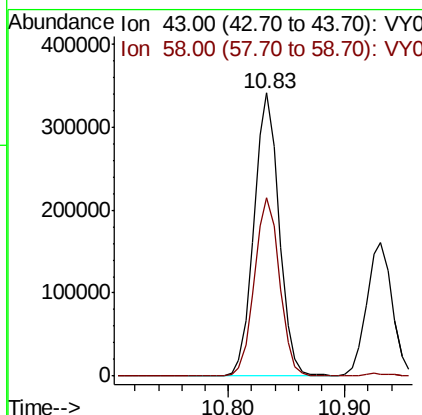
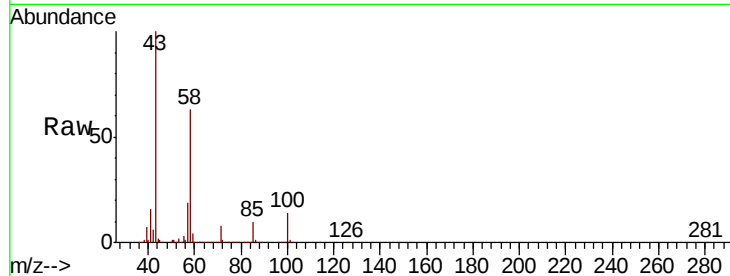
#59
2-Hexanone
Concen: 243.522 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.7	30.6	91.6

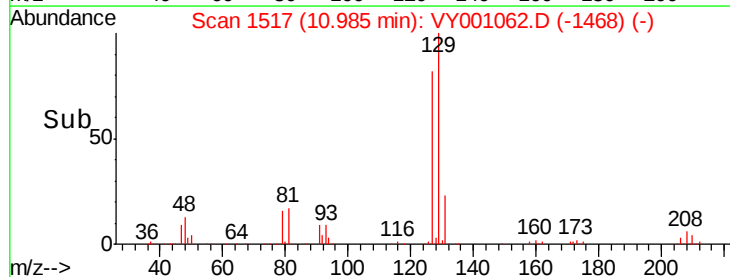
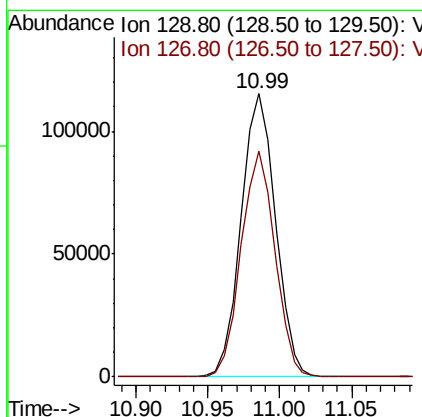
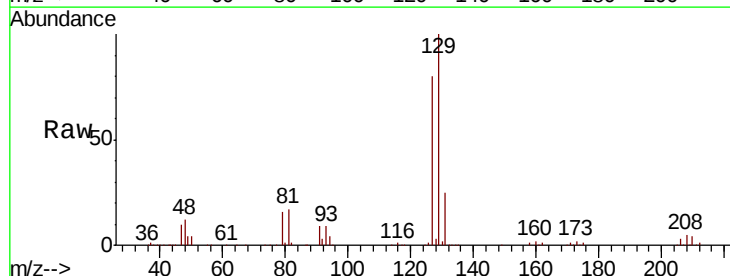
Manual Integrations
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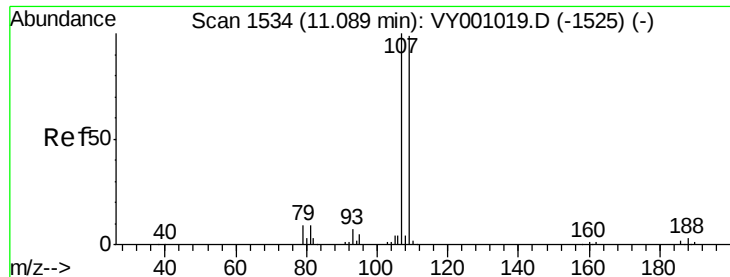
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#60
Dibromochloromethane
Concen: 53.354 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.1	117.3





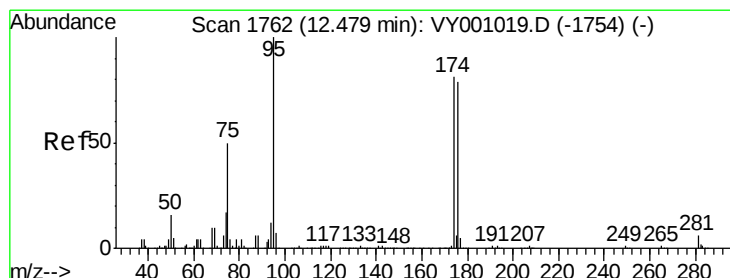
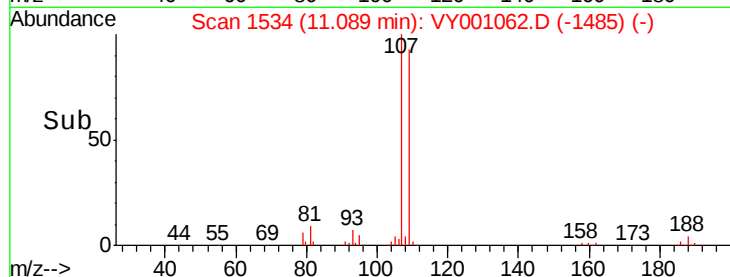
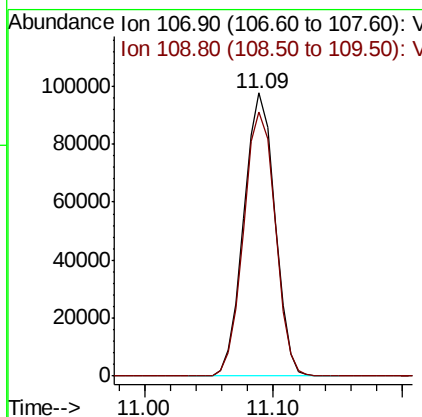
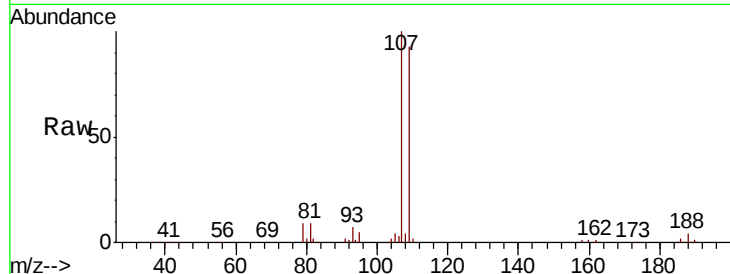
#61
 1,2-Dibromoethane
 Concen: 50.929 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	74.8	112.2

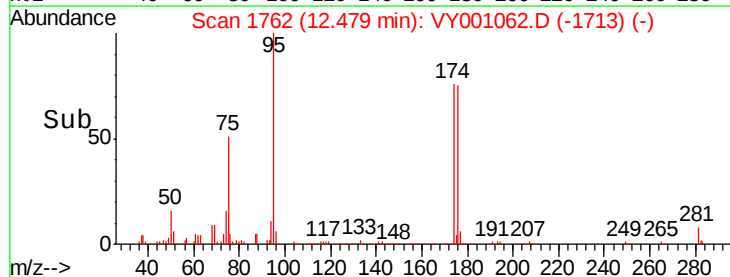
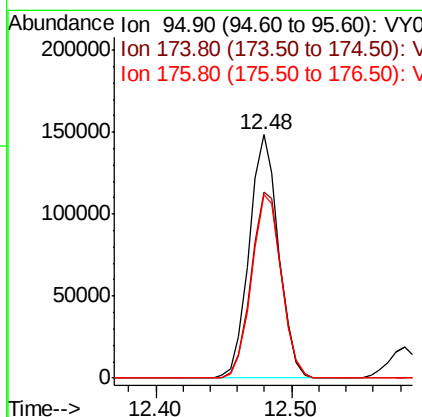
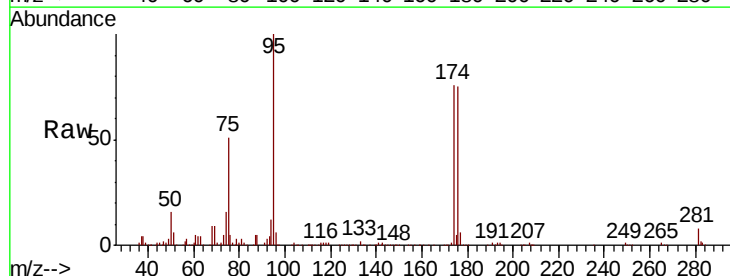
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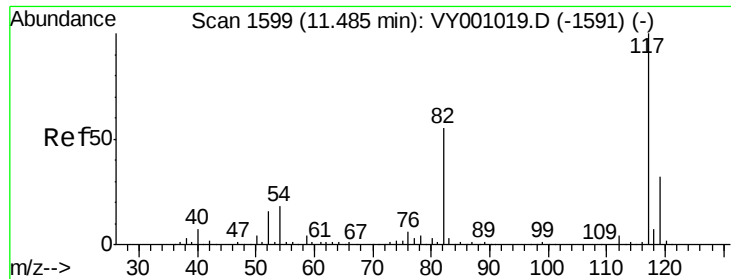
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#62
 4-Bromofluorobenzene
 Concen: 44.290 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	156.4
176	77.1	0.0	155.0





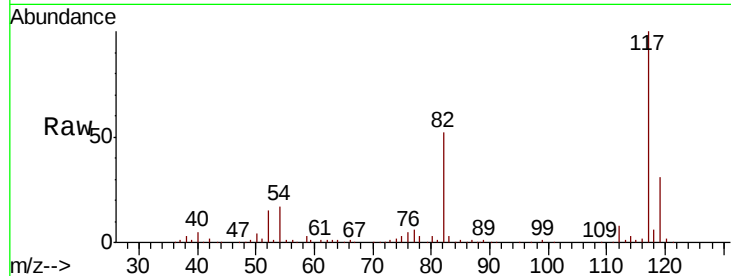
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	530095		
82	52.0		43.8	65.8
119	31.2		25.8	38.6

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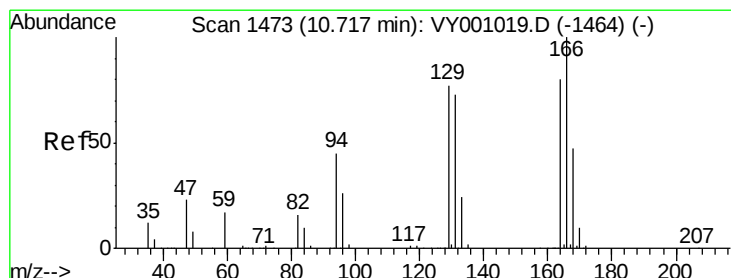
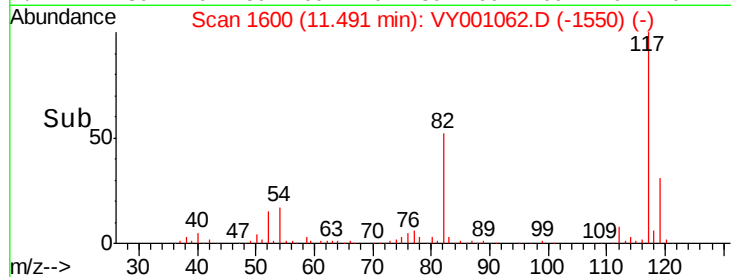
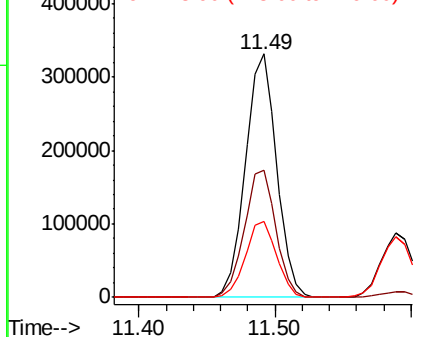


Abundance

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: 51.659 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	236936		
166	125.6		99.7	149.5
129	95.5		76.9	115.3
131	89.1		72.3	108.5

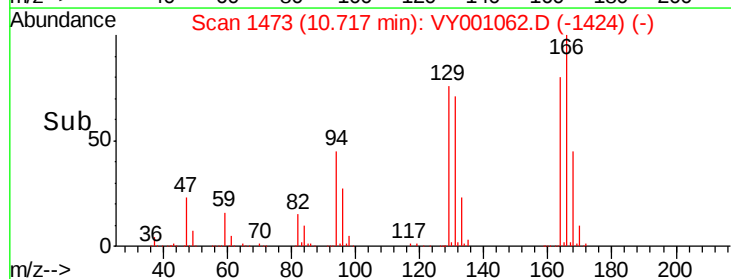
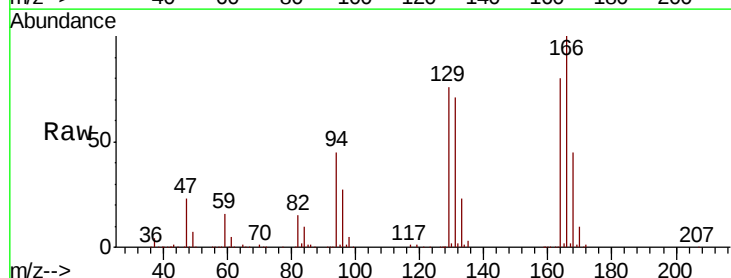
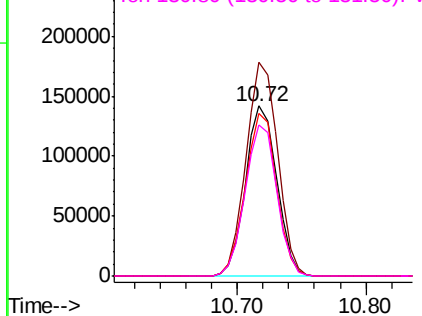
Abundance

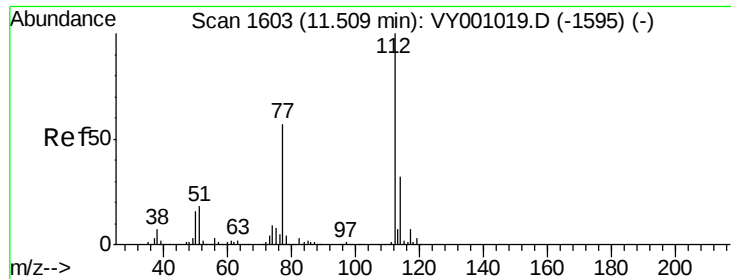
Ion 163.80 (163.50 to 164.50): V

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





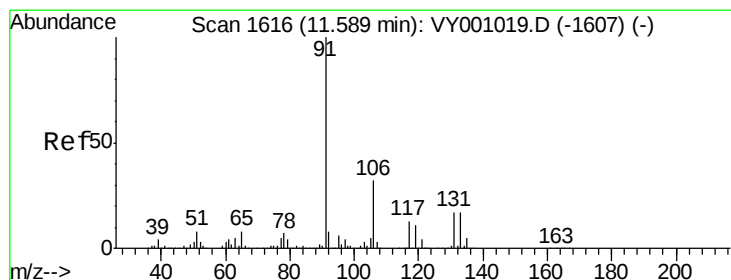
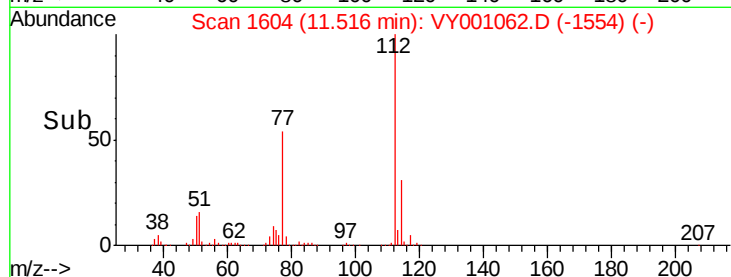
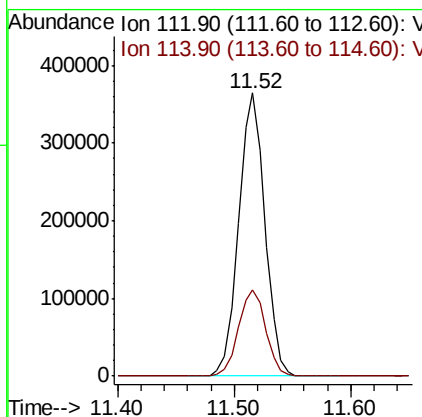
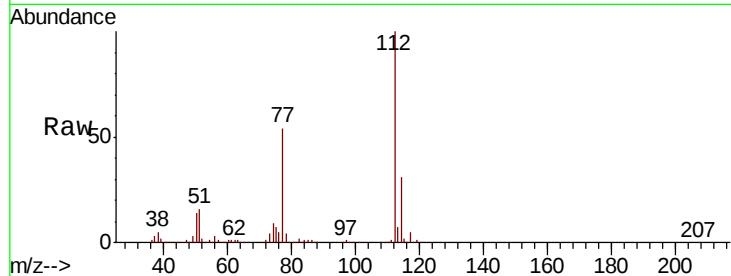
#65
Chlorobenzene
Concen: 51.884 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.4	38.2

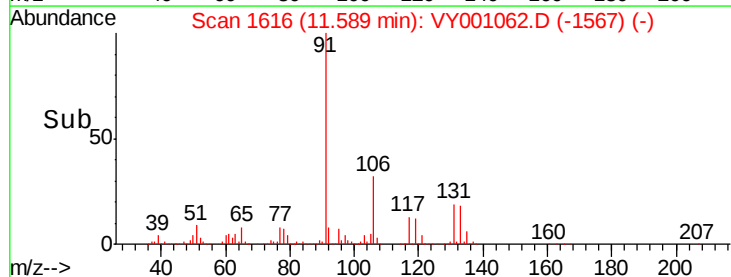
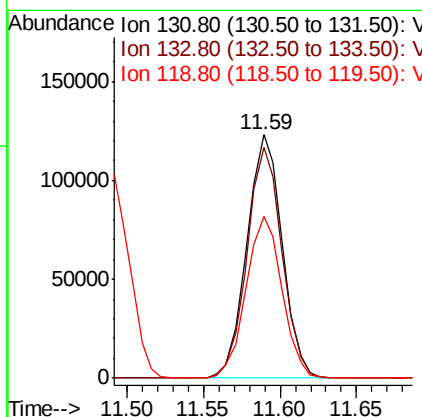
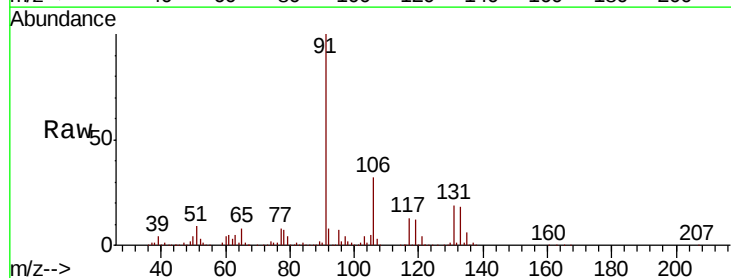
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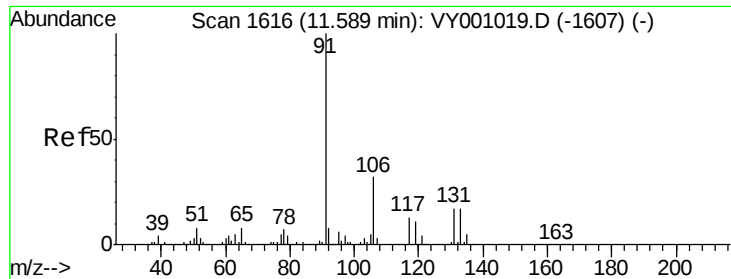
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.297 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.1	144.4
119	67.8	34.0	101.8





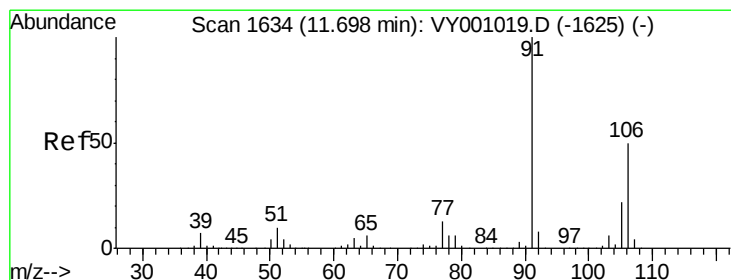
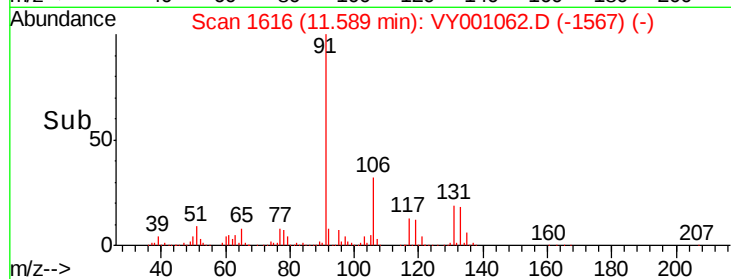
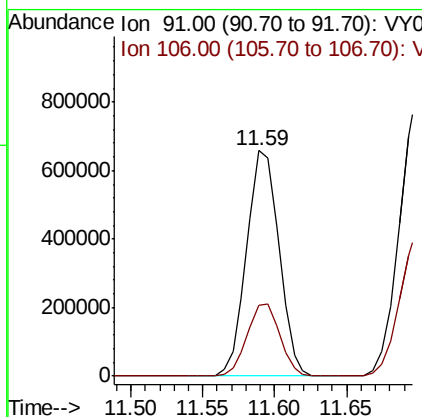
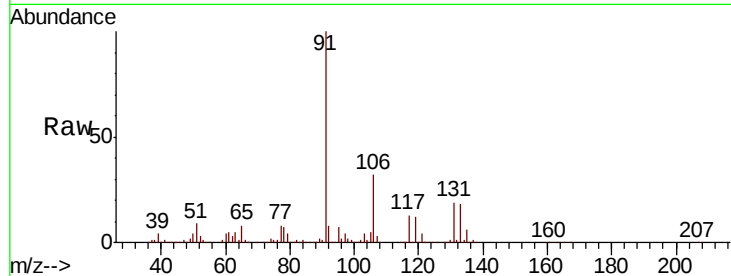
#67
Ethyl Benzene
Concen: 51.811 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1024709
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

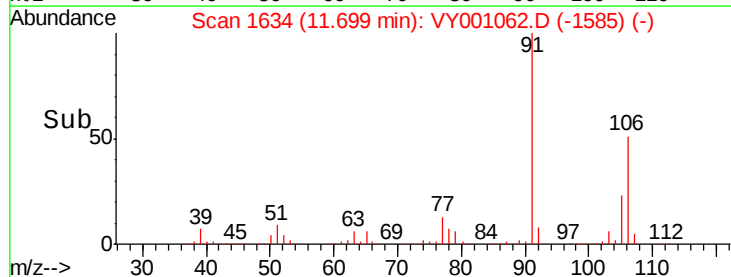
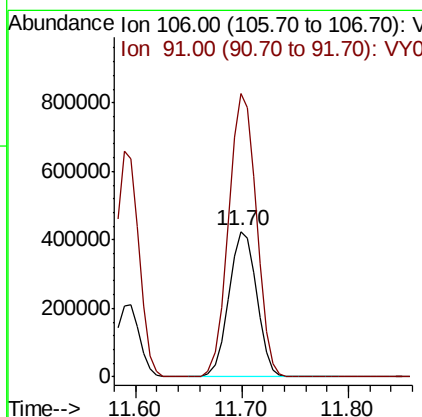
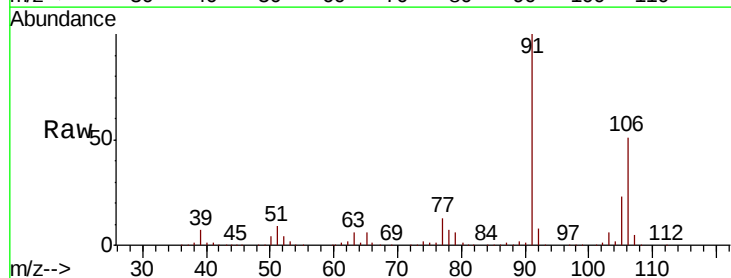
Manual Integrations
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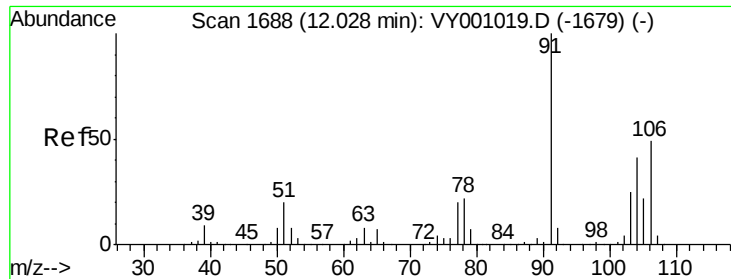
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#68
m/p-Xylenes
Concen: 104.292 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion: 106 Resp: 783190
Ion Ratio Lower Upper
106 100
91 194.0 156.4 234.6





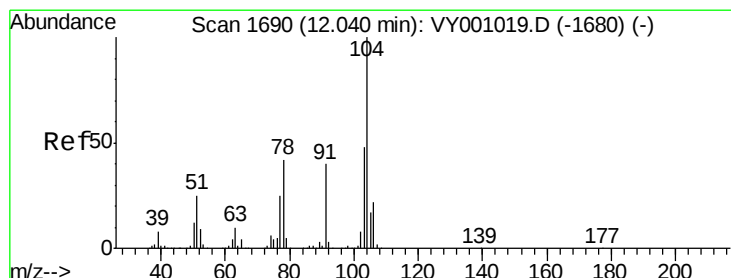
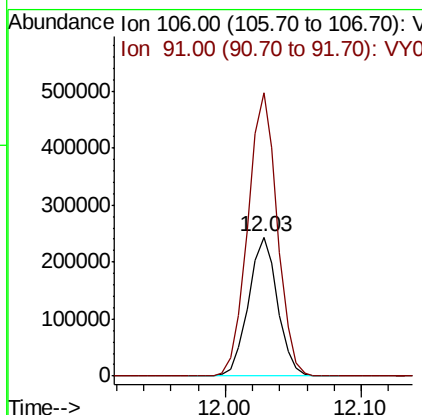
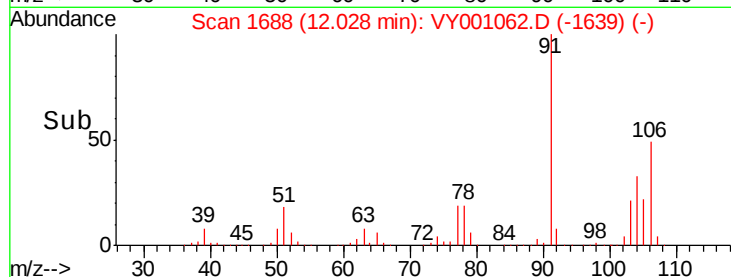
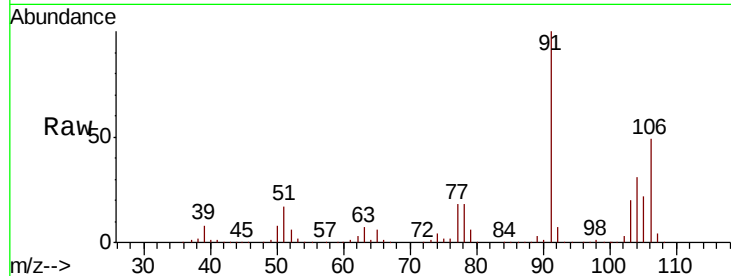
#69
o-Xylene
Concen: 51.553 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 364209
Ion Ratio Lower Upper
106 100
91 207.0 103.0 309.0

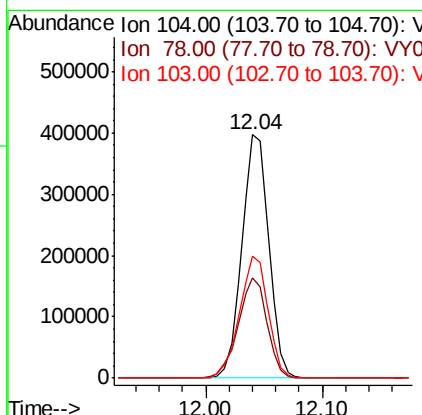
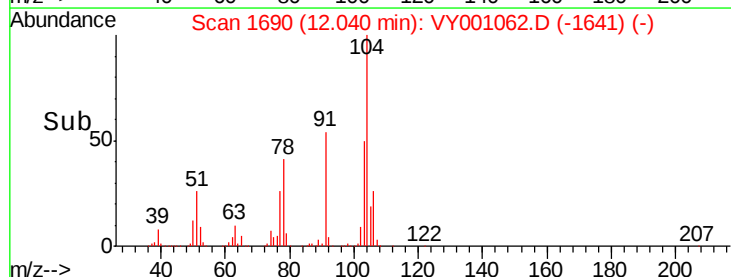
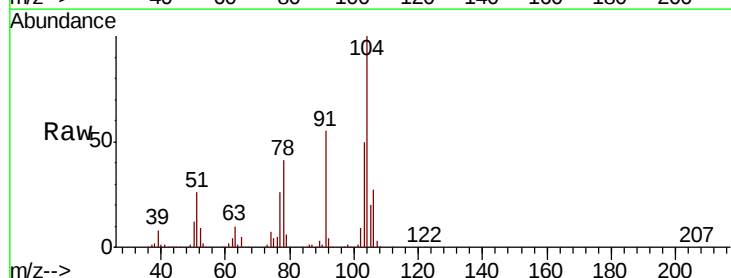
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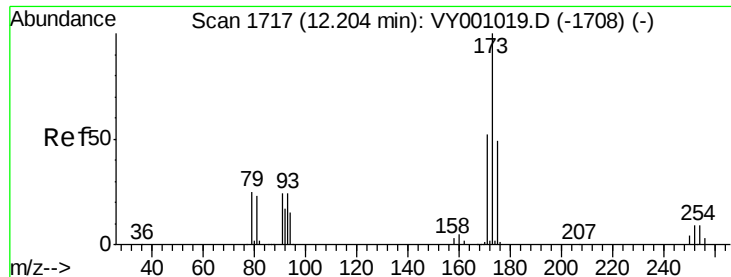
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#70
Styrene
Concen: 53.395 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion:104 Resp: 641416
Ion Ratio Lower Upper
104 100
78 44.1 36.6 54.8
103 52.9 42.6 64.0





#71

Bromoform

Concen: 54.524 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

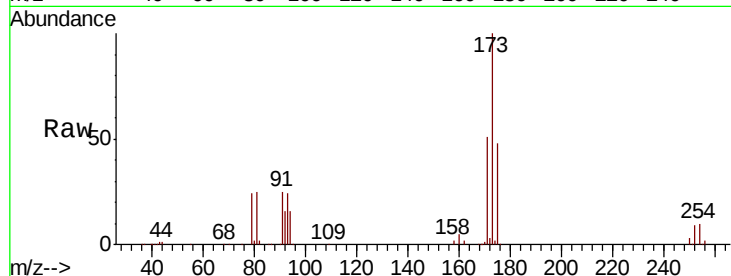
ClientSampleId :

VSTDCCC050

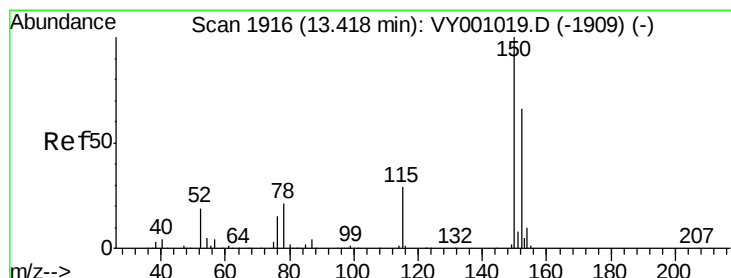
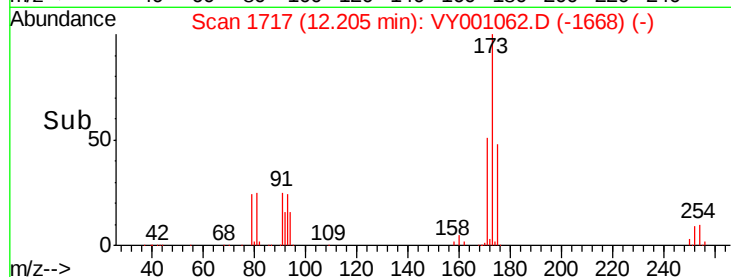
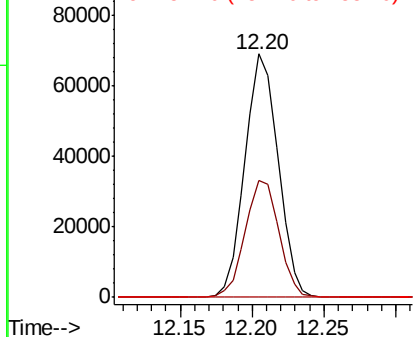
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

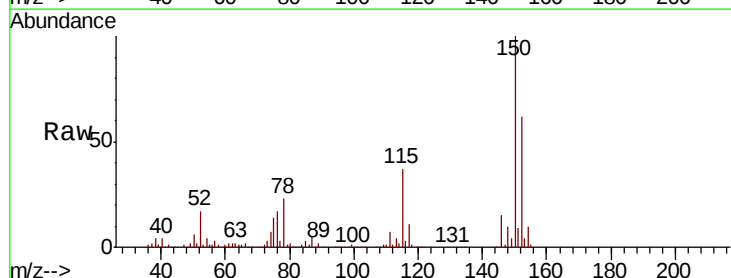
RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

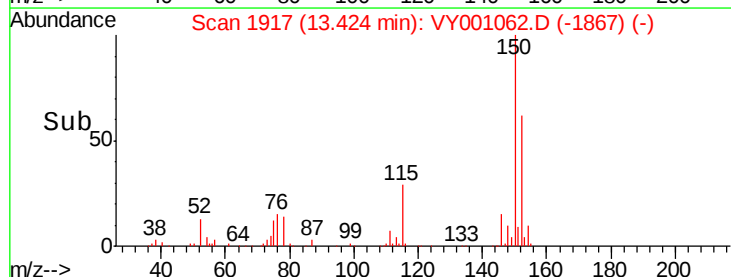
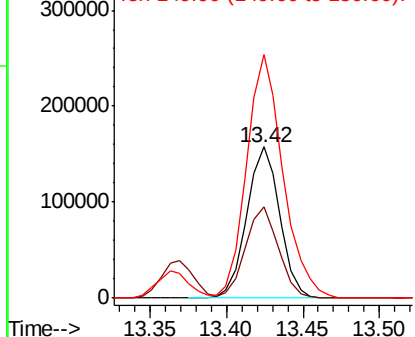
Lab File: VY001062.D

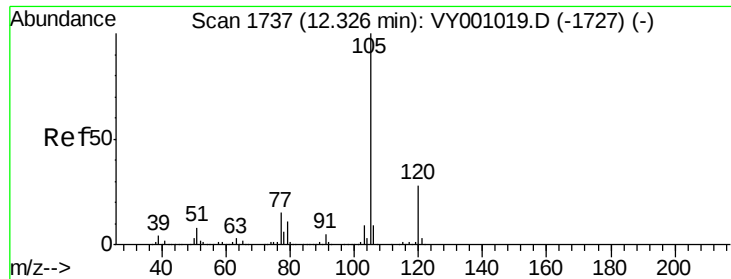
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.8	89.3
150	176.7	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: 53.506 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 979246

Ion Ratio Lower Upper

105 100

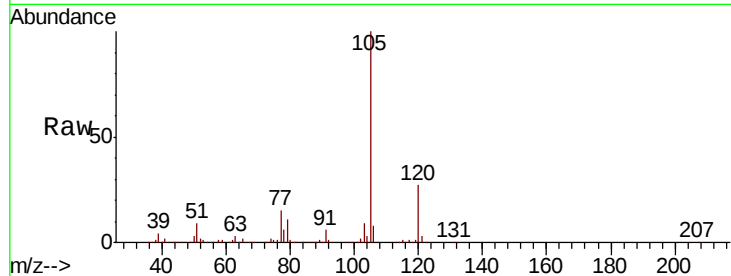
120 27.3 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

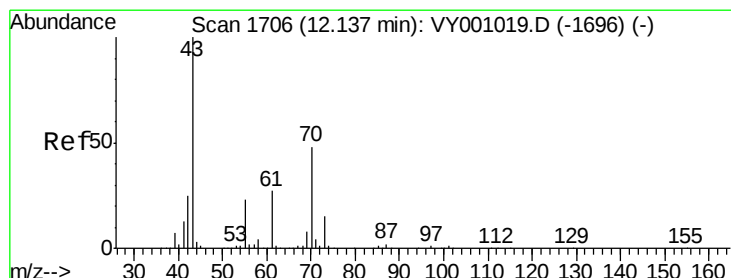
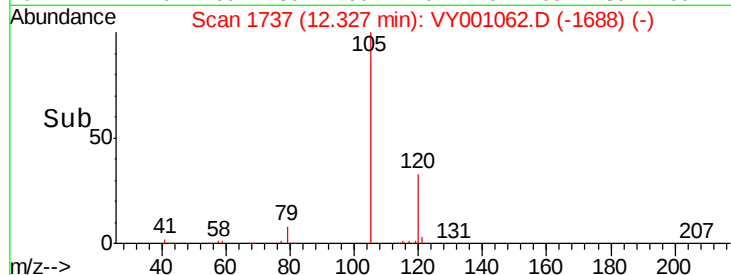
400000

200000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 50.764 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion: 43 Resp: 244076

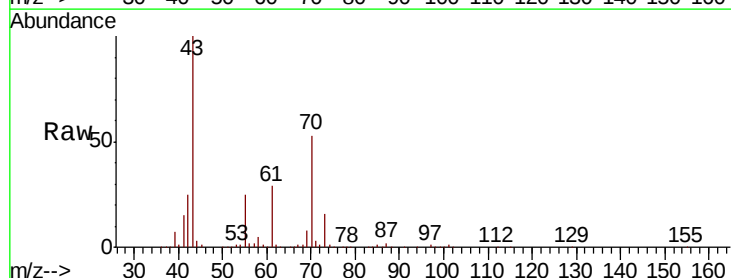
Ion Ratio Lower Upper

43 100

70 50.4 39.0 58.6

55 24.7 19.5 29.3

61 28.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

150000

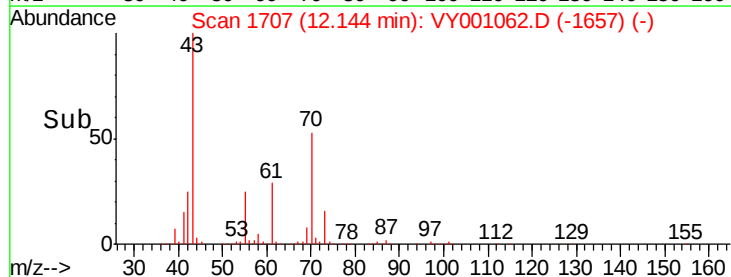
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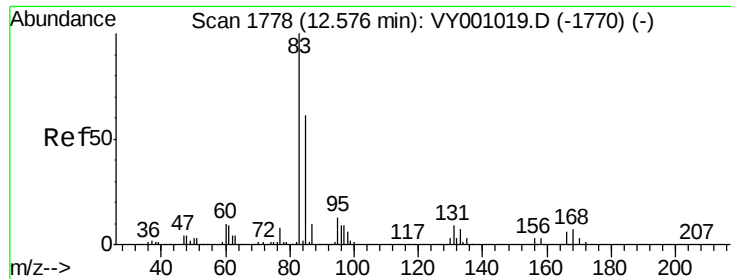
50000

0

12.10 12.20

Time-->





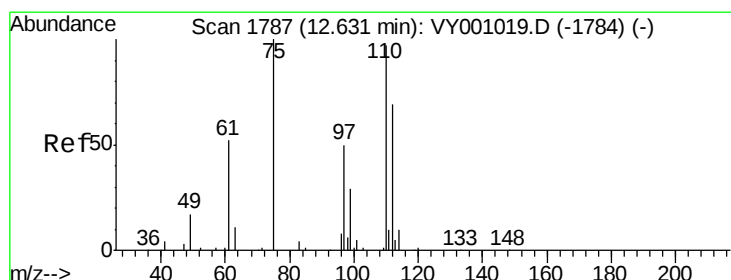
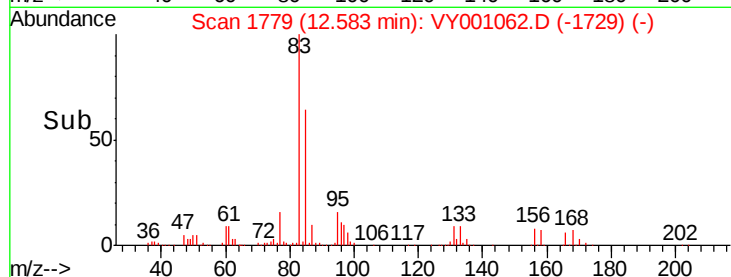
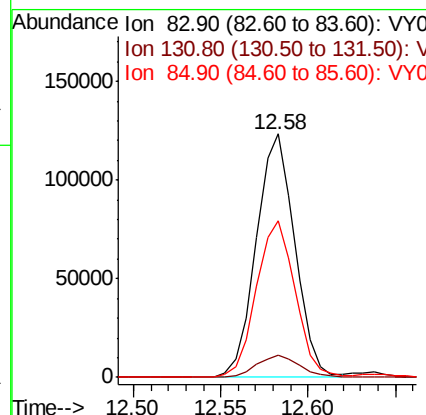
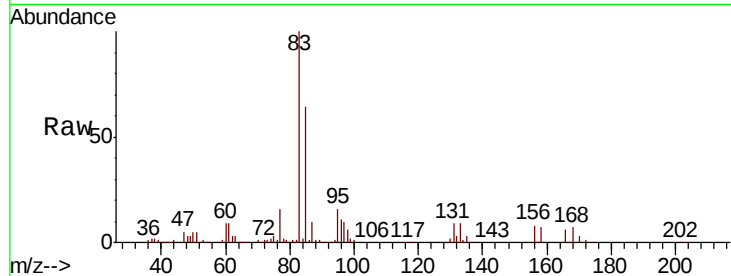
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.408 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	188955		
131	10.1	5.1	15.3	
85	64.9	32.1	96.5	

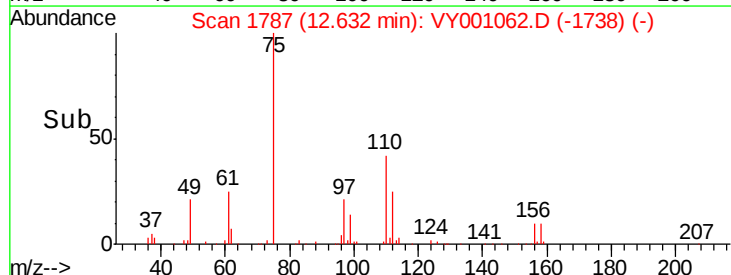
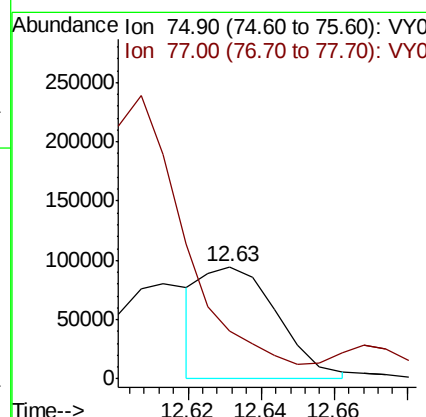
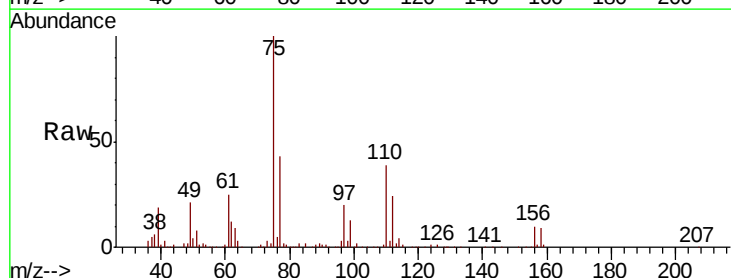
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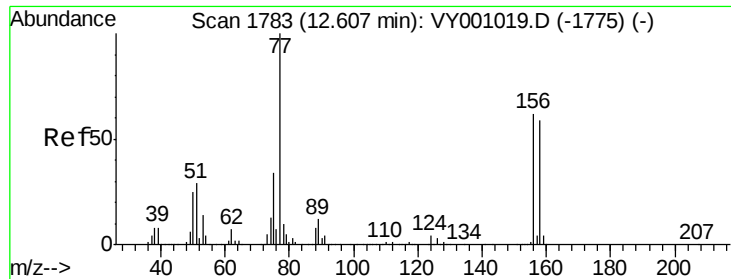
apatel
 12/27/2019 11:04:26 AM



#76
 1,2,3-Trichloropropane
 Concen: 46.809 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	136475		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 53.687 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

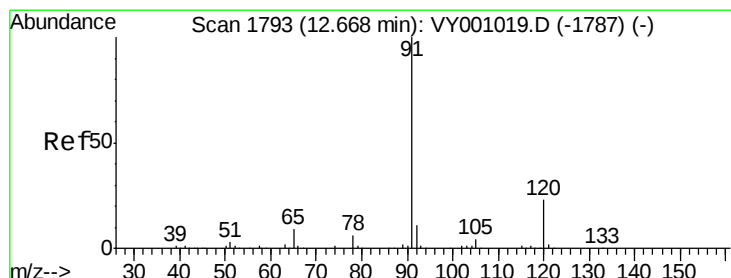
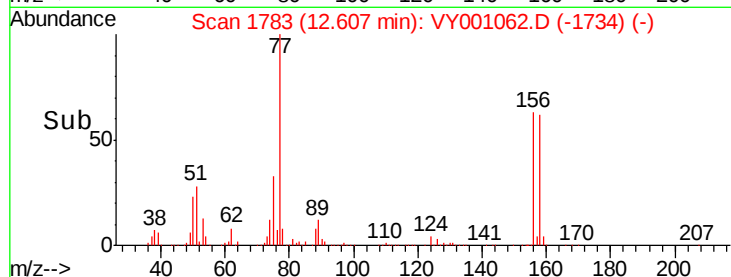
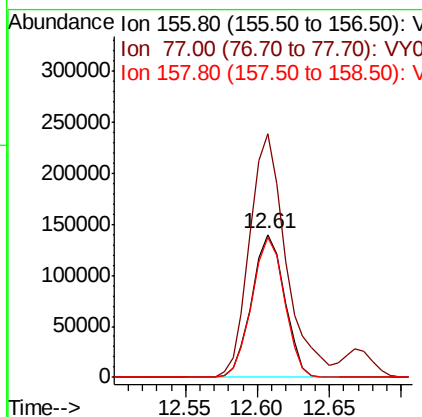
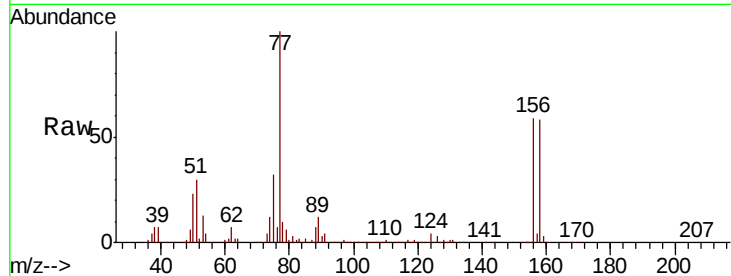
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		220984		
77	189.5	98.0	294.1		
158	96.8	48.5	145.6		

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#78

n-propylbenzene

Concen: 53.081 ug/l

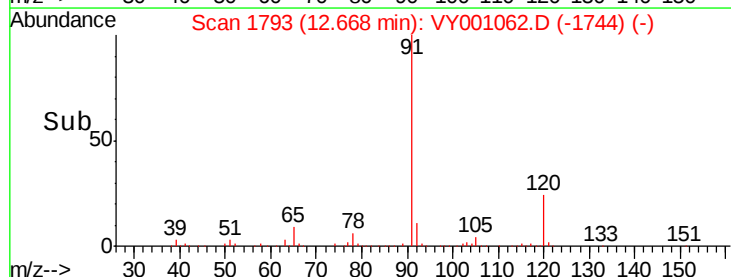
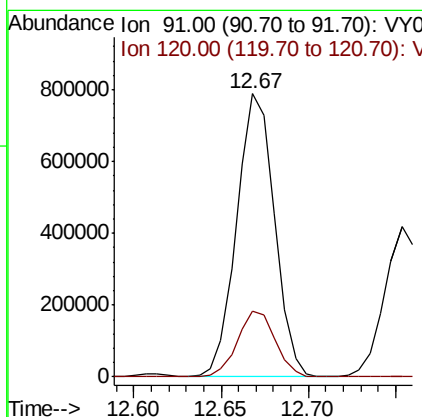
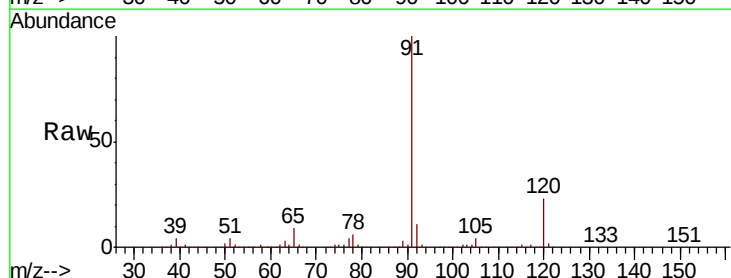
RT: 12.67 min Scan# 1793

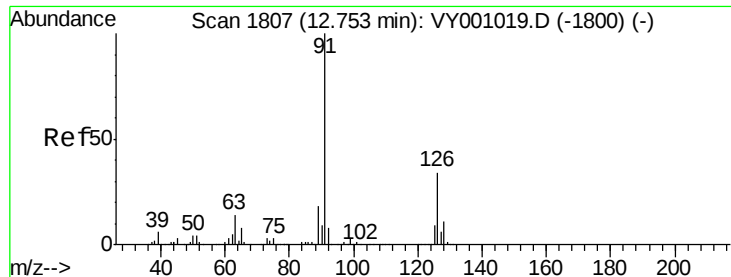
Delta R.T. 0.00 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1183738		
120	23.3	11.4	34.2		





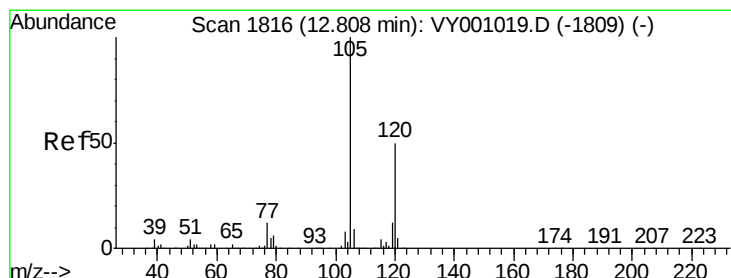
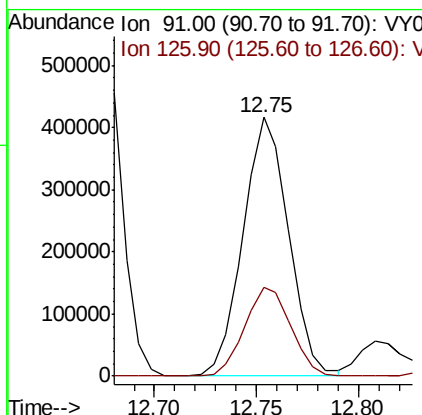
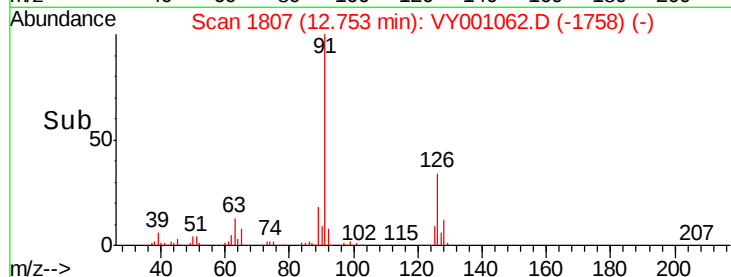
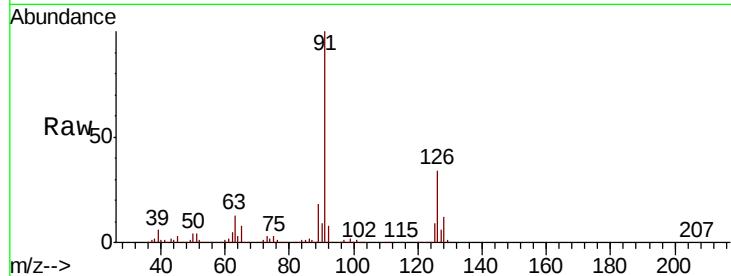
#79
2-Chlorotoluene
Concen: 52.557 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 647263
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

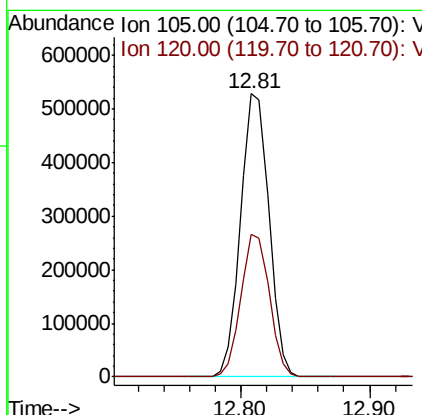
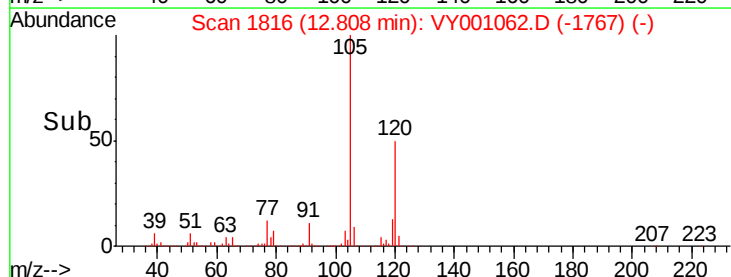
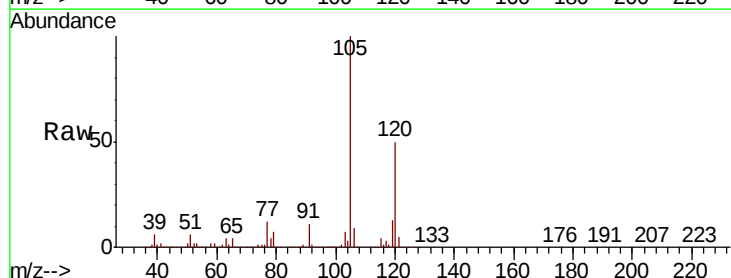
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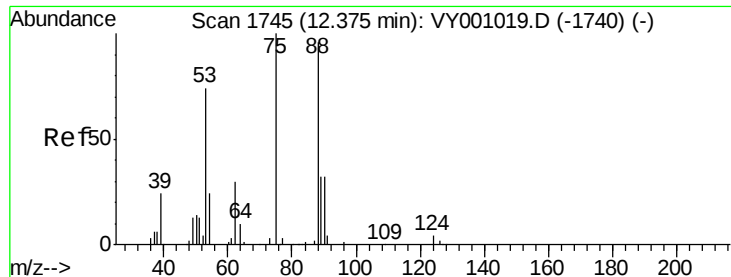
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#80
1,3,5-Trimethylbenzene
Concen: 53.736 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion: 105 Resp: 806135
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





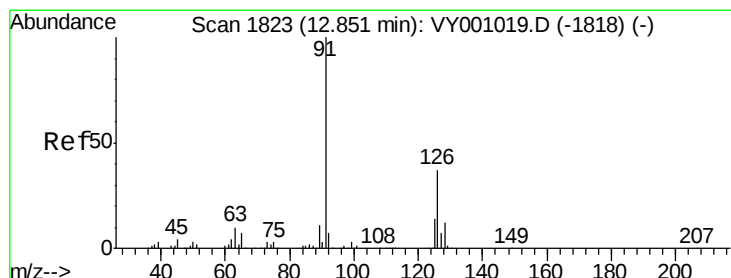
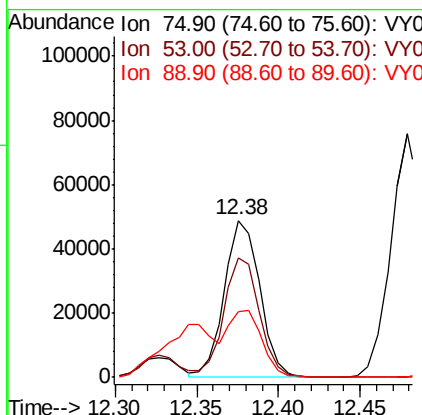
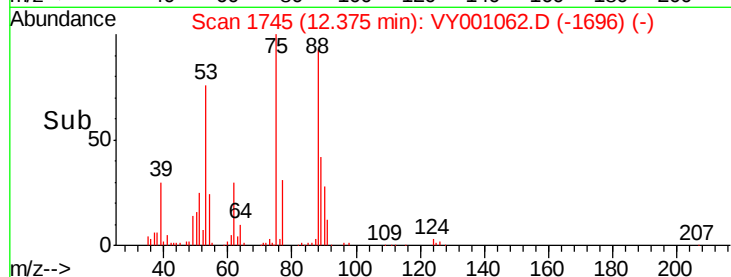
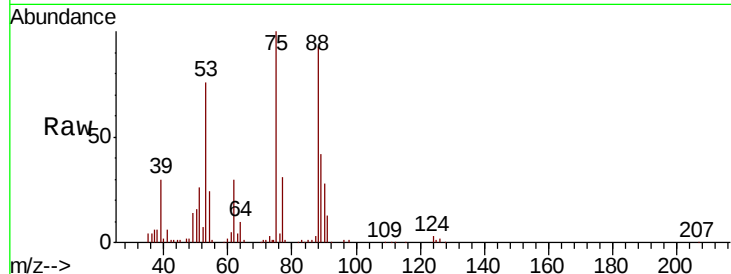
#81
trans-1,4-Dichloro-2-butene
Concen: 54.416 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	76.5	60.6	91.0
89	40.4	35.4	53.0

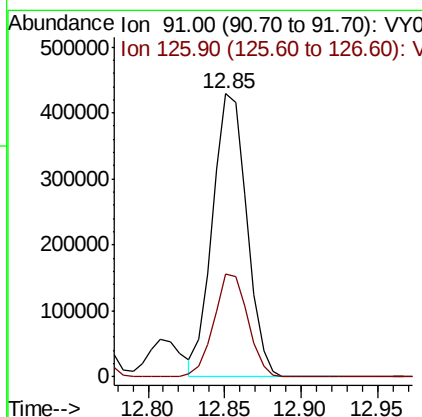
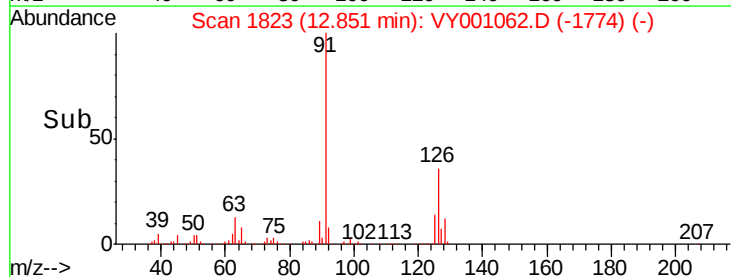
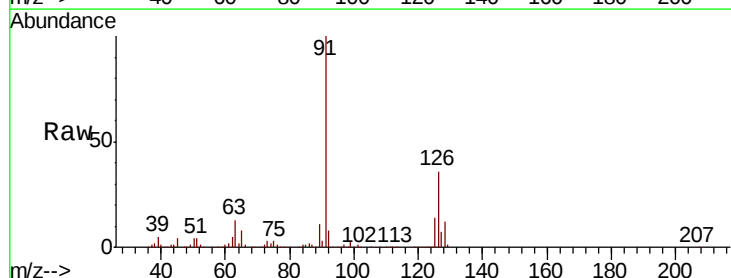
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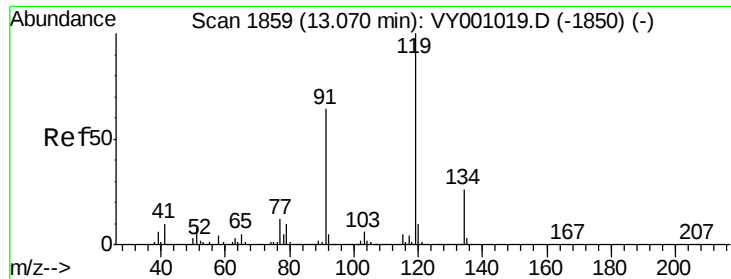
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#82
4-Chlorotoluene
Concen: 52.138 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.6	52.8





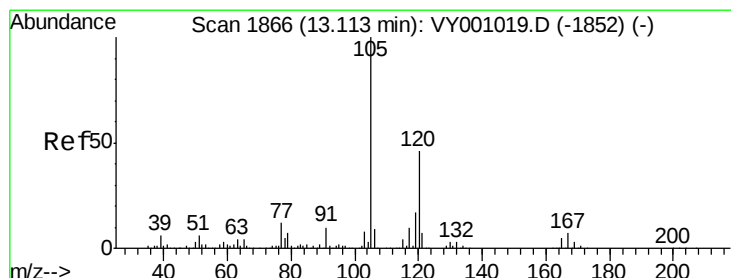
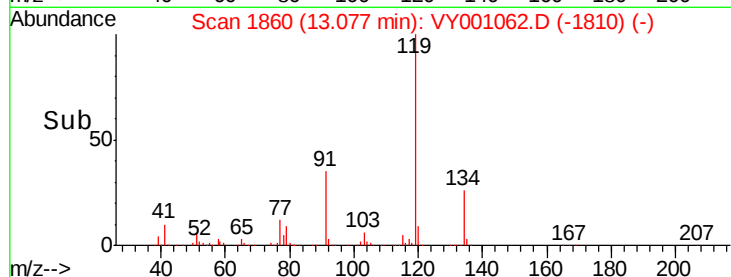
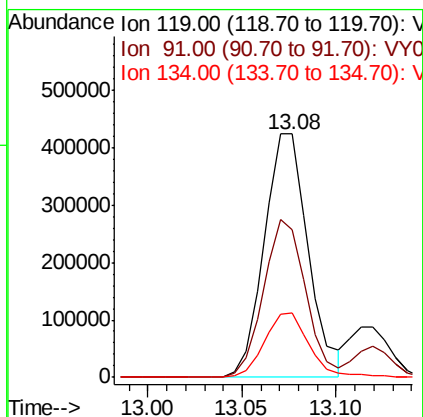
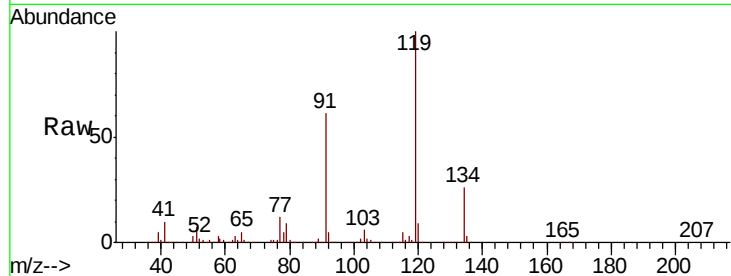
#83
tert-Butylbenzene
Concen: 54.666 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	688411		
91	62.1	31.9	95.7	
134	26.7	13.6	40.7	

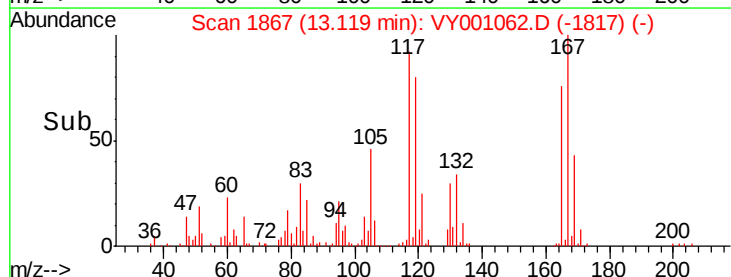
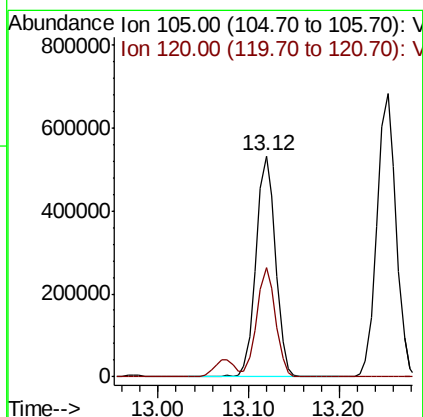
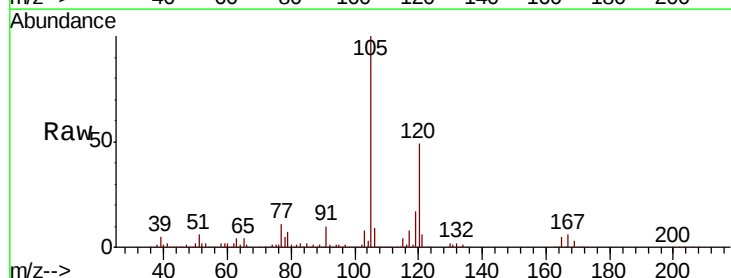
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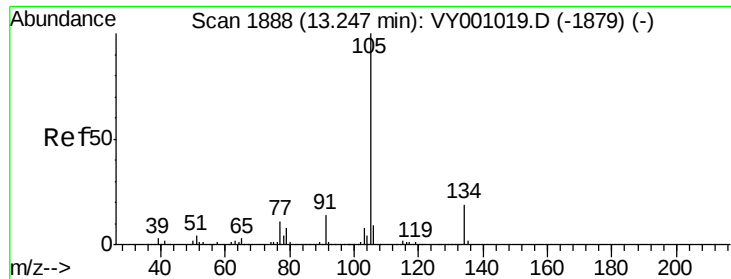
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#84
1,2,4-Trimethylbenzene
Concen: 52.613 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	793148		
120	47.7	23.4	70.2	





#85

sec-Butylbenzene

Concen: 53.510 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 993421

Ion Ratio Lower Upper

105 100

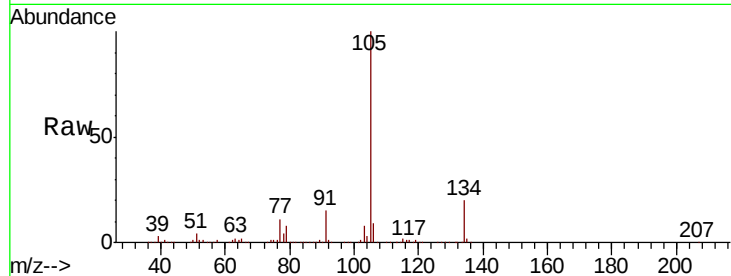
134 20.2 10.0 30.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

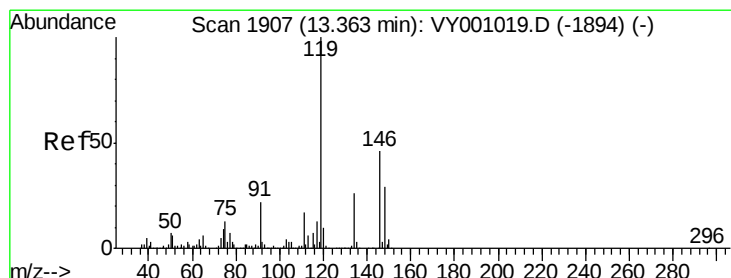
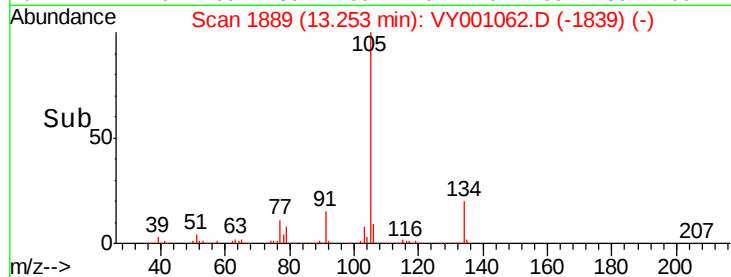
200000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 54.255 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001062.D

Acq: 26 Dec 2019 11:07

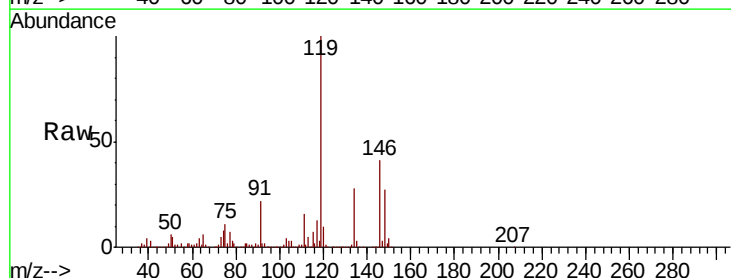
Tgt Ion:119 Resp: 871558

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

400000

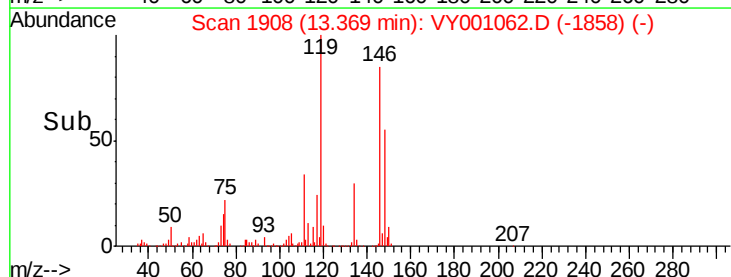
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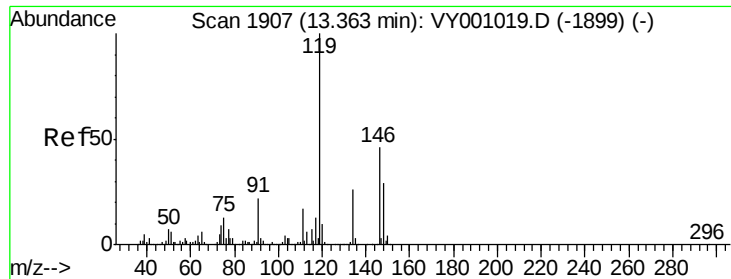
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13.37

13.40

Time-->





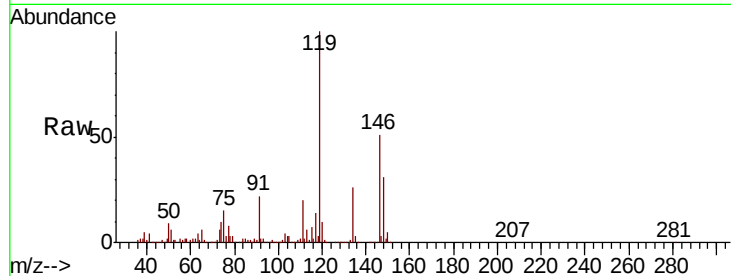
#87
 1,3-Dichlorobenzene
 Concen: 53.329 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	63.4	31.9	95.5

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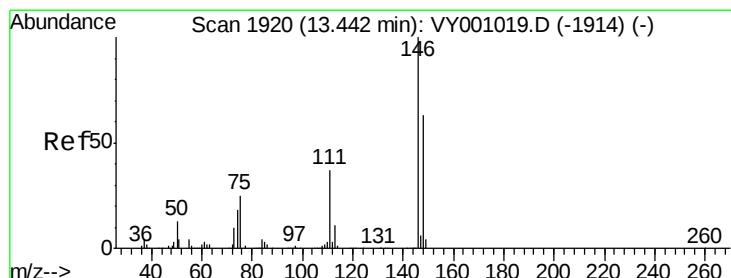
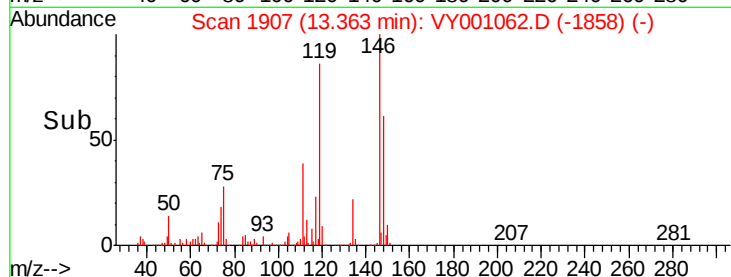
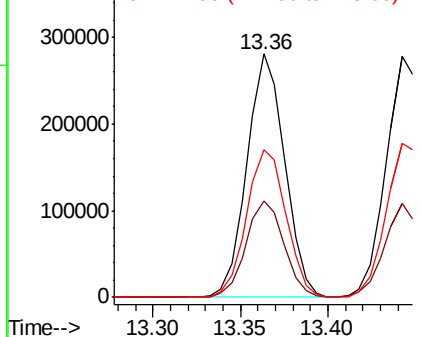


Abundance

Ion 145.90 (145.60 to 146.60): V

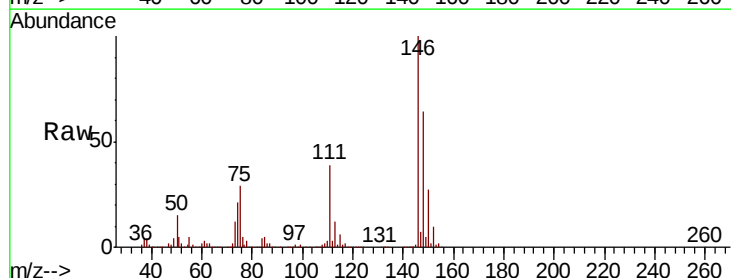
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 53.113 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.8	31.8	95.3

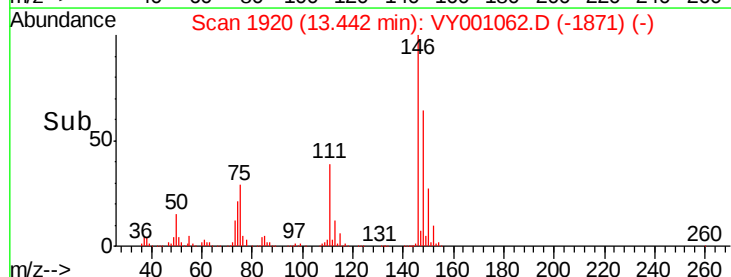
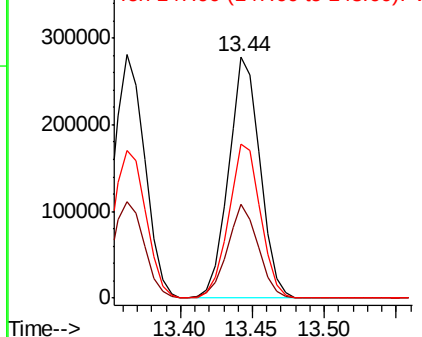


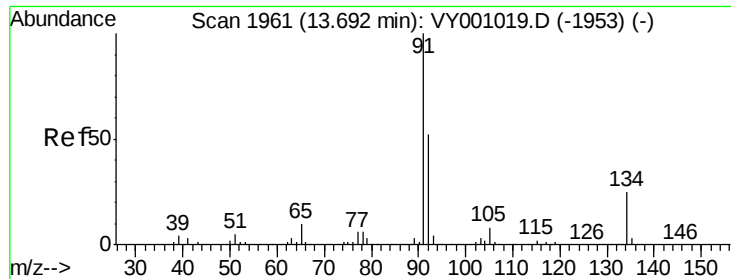
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





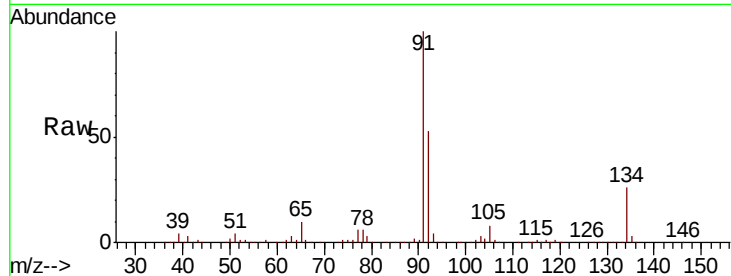
#89
n-Butylbenzene
Concen: 53.626 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

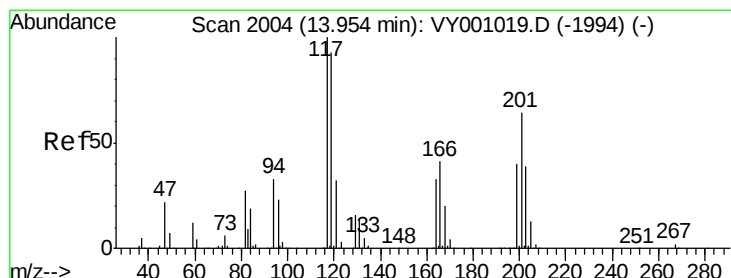
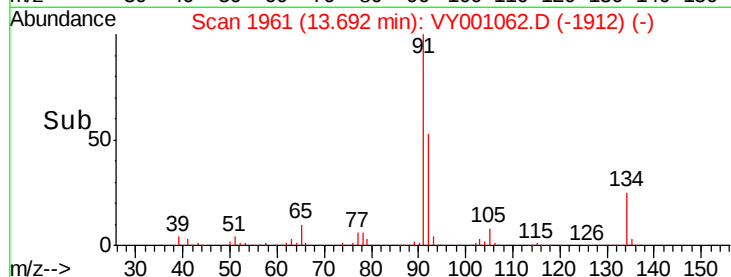
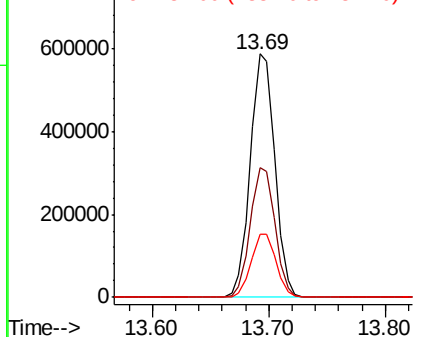
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	26.3	12.7	38.0

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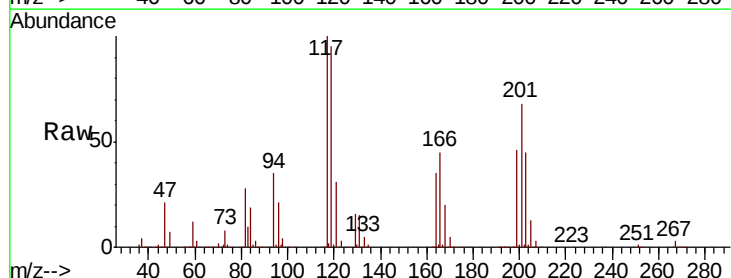


Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1953) (-)
Ion 92.00 (91.70 to 92.70): VY001019.D (-1953) (-)
Ion 134.00 (133.70 to 134.70): VY001019.D (-1953) (-)

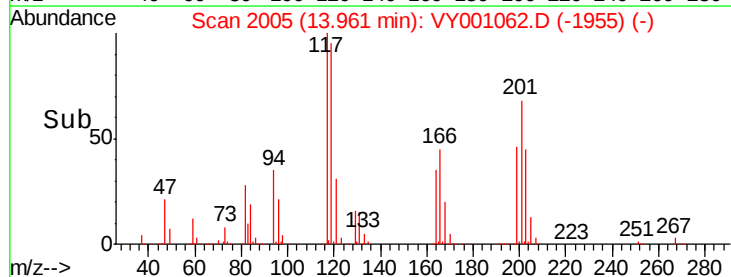
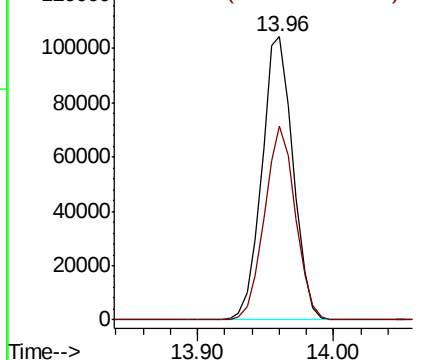


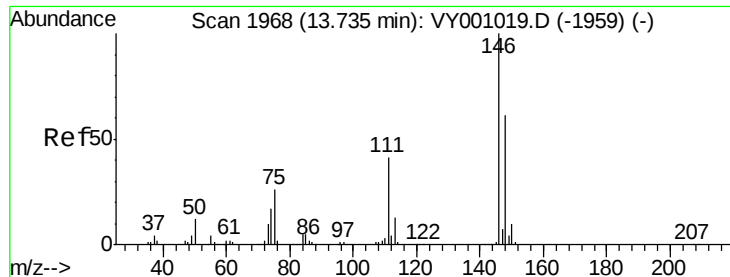
#90
Hexachloroethane
Concen: 55.489 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.7	101.1



Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1994) (-)
Ion 200.70 (200.40 to 201.40): VY001019.D (-1994) (-)





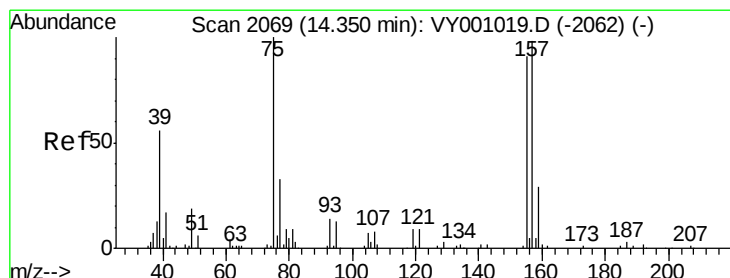
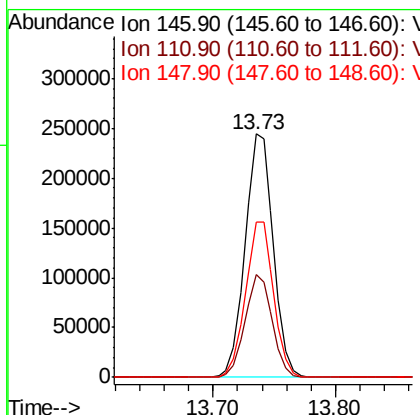
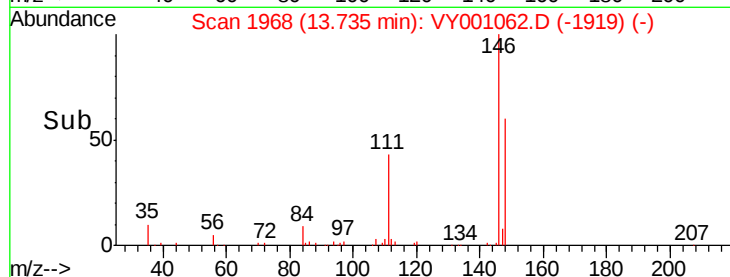
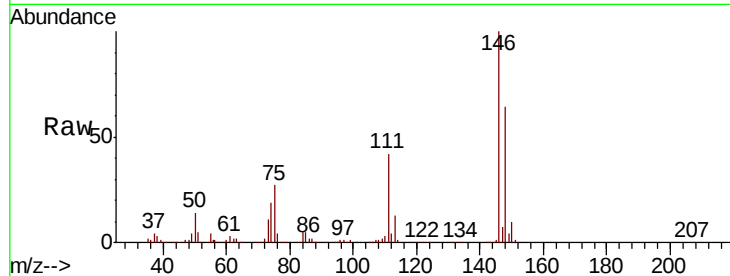
#91
 1,2-Dichlorobenzene
 Concen: 53.201 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	63.9	31.6	94.7

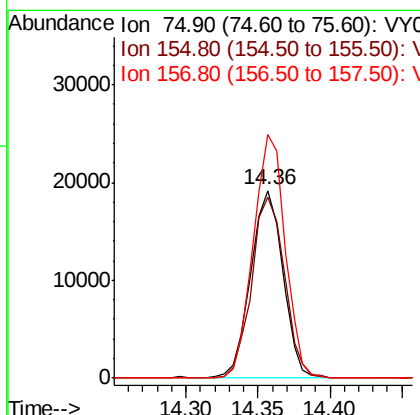
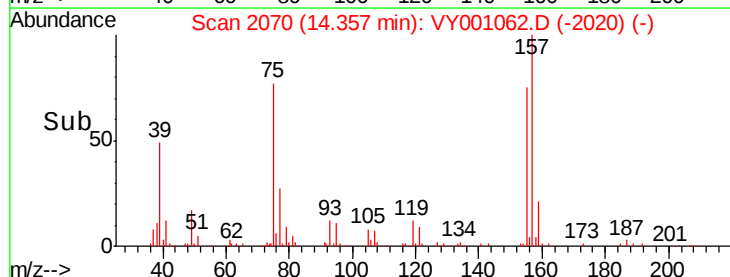
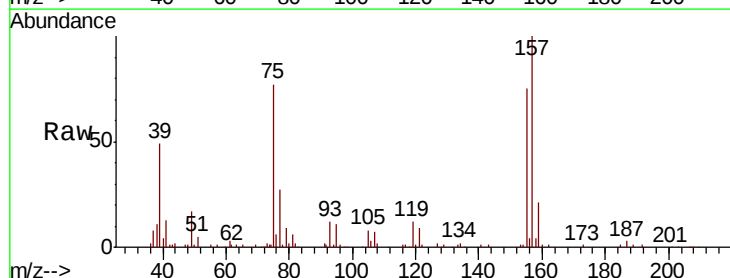
Manual Integrations
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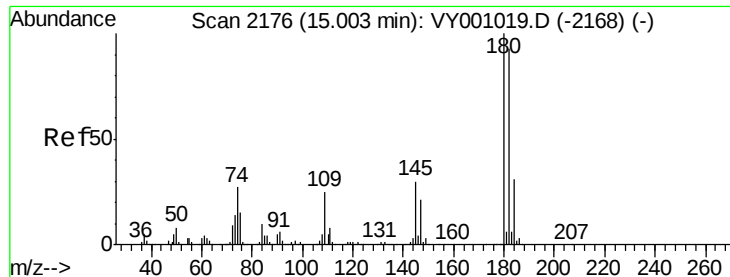
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.302 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	46.3	138.9
157	127.8	58.1	174.4





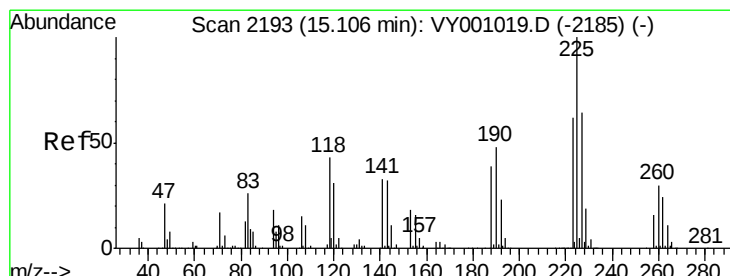
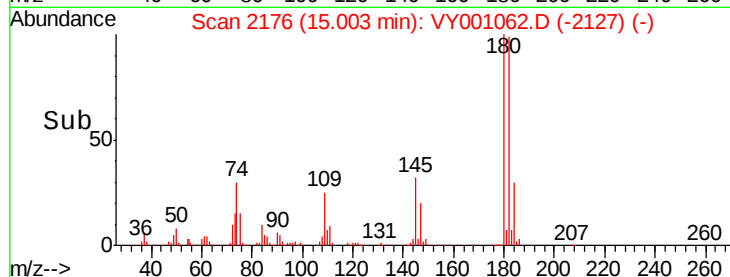
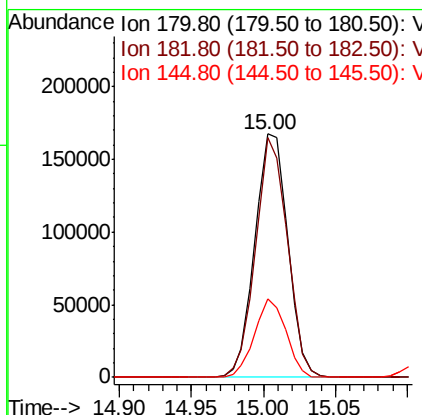
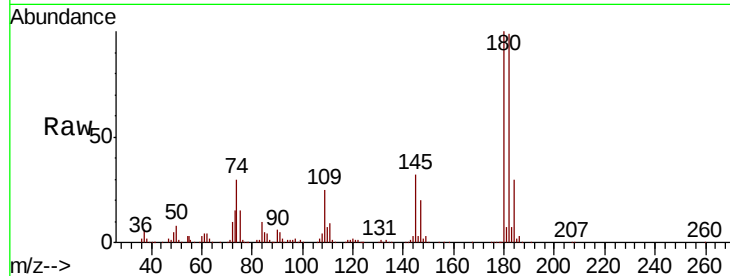
#93
 1,2,4-Trichlorobenzene
 Concen: 53.736 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264497		
182	95.0	46.8	140.3	
145	31.0	15.3	45.9	

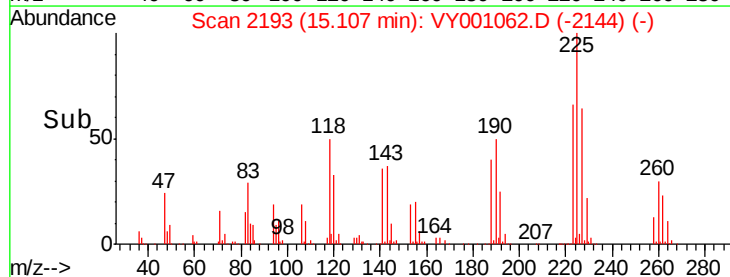
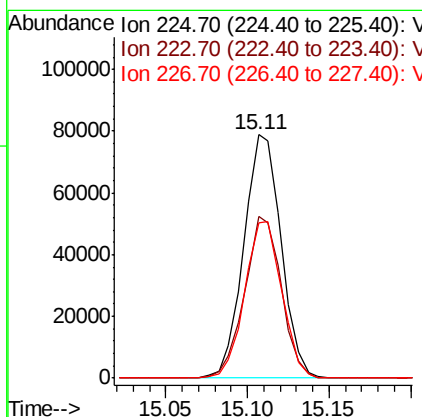
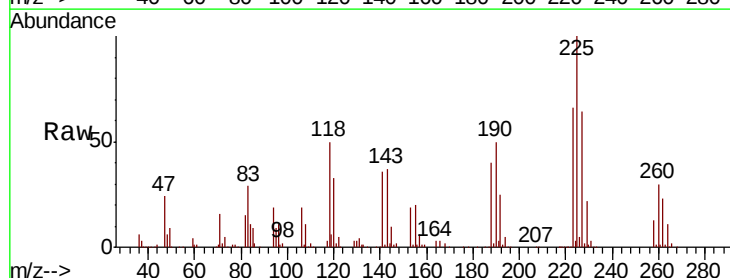
Manual Integrations
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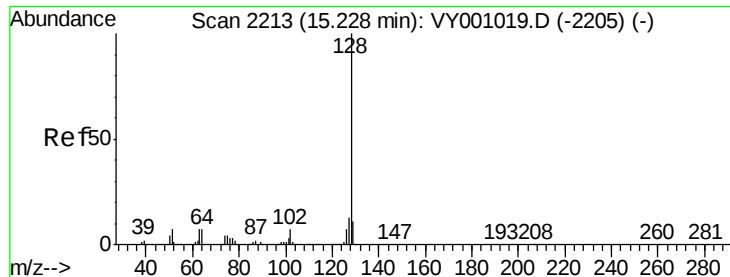
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#94
 Hexachlorobutadiene
 Concen: 53.585 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001062.D
 Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125512		
223	65.1	31.6	94.8	
227	64.3	31.9	95.5	





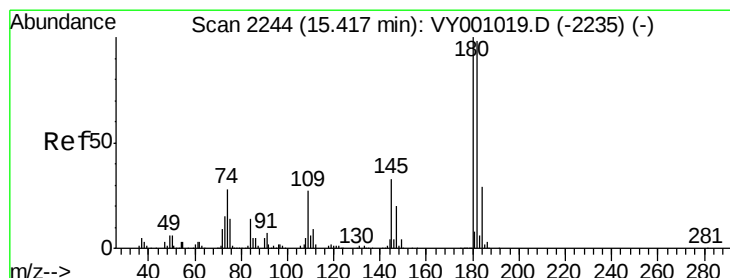
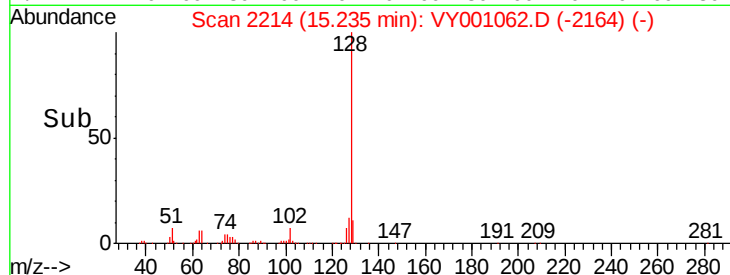
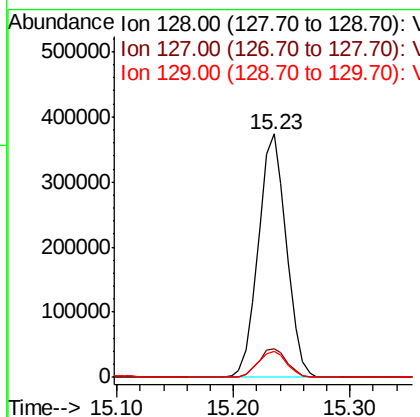
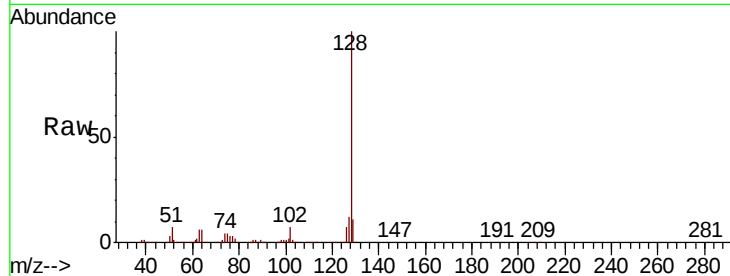
#95
Naphthalene
Concen: 53.691 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	621499		
127	12.2		9.9	14.9
129	10.8		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.556 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001062.D
Acq: 26 Dec 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235085		
182	96.3		47.9	143.8
145	32.6		16.3	48.9

