

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000495.D
 Acq On : 30 Oct 2019 17:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:31:57 AM

Quant Time: Oct 31 03:43:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	447742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138631	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.73	113	126074	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.18	98	518442	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.48	95	184917	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	140399	52.399	ug/l	99
3) Chloromethane	2.11	50	190083	51.498	ug/l	96
4) Vinyl Chloride	2.25	62	178446	52.062	ug/l	99
5) Bromomethane	2.65	94	103325	50.270	ug/l	99
6) Chloroethane	2.79	64	110634	51.573	ug/l	96
7) Trichlorofluoromethane	3.13	101	231007	49.905	ug/l	96
8) Diethyl Ether	3.54	74	84305	51.257	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141724	50.643	ug/l	97
10) Methyl Iodide	4.10	142	190627	51.639	ug/l	99
11) Tert butyl alcohol	4.97	59	68355	249.291	ug/l	99
12) 1,1-Dichloroethene	3.88	96	137601	50.610	ug/l	96
13) Acrolein	3.74	56	59292	248.248	ug/l	98
14) Allyl chloride	4.49	41	238603	53.970	ug/l	98
15) Acrylonitrile	5.18	53	219070	260.006	ug/l	99
16) Acetone	3.96	43	208038	267.972	ug/l	99
17) Carbon Disulfide	4.19	76	442097	51.554	ug/l	97
18) Methyl Acetate	4.49	43	121159	50.192	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	394809	52.227	ug/l	100
20) Methylene Chloride	4.72	84	159619	47.983	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	157525	51.248	ug/l	97
22) Diisopropyl ether	6.13	45	527675	54.913	ug/l	97
23) Vinyl Acetate	6.07	43	1647182	271.547	ug/l	99
24) 1,1-Dichloroethane	6.03	63	273402	52.519	ug/l	98
25) 2-Butanone	7.00	43	323457	261.064	ug/l	99
26) 2,2-Dichloropropane	6.99	77	237585	49.940	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	174195	51.827	ug/l	98
28) Bromochloromethane	7.35	49	119646	50.363	ug/l	95
29) Tetrahydrofuran	7.36	42	199805	263.606	ug/l	99
30) Chloroform	7.52	83	268485	50.983	ug/l	96
31) Cyclohexane	7.79	56	268093	49.169	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	237881	50.684	ug/l	99
36) 1,1-Dichloropropene	7.93	75	220800	52.165	ug/l	99
37) Ethyl Acetate	7.08	43	132078	52.558	ug/l	99
38) Carbon Tetrachloride	7.91	117	209352	51.402	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	282404	51.643	ug/l	96
40) Benzene	8.17	78	640596	51.622	ug/l	99
41) Methacrylonitrile	7.33	41	69390m	49.497	ug/l	
42) 1,2-Dichloroethane	8.25	62	186660	53.034	ug/l	100
43) Isopropyl Acetate	8.28	43	253399	53.679	ug/l	99
44) Trichloroethene	8.95	130	164381	50.240	ug/l	100
45) 1,2-Dichloropropane	9.22	63	162061	53.062	ug/l	93
46) Dibromomethane	9.31	93	87301	51.975	ug/l	100
47) Bromodichloromethane	9.50	83	212108	53.219	ug/l	97
48) Methyl methacrylate	9.30	41	113300	54.931	ug/l	96
49) 1,4-Dioxane	9.30	88	24907	1101.784	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	675138	268.994	ug/l	98
52) Toluene	10.25	92	411202	52.412	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	234402	55.043	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	266529	54.632	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	131781	54.243	ug/l	94
56) Ethyl methacrylate	10.51	69	192164	55.807	ug/l	100
57) 1,3-Dichloropropane	10.79	76	229099	53.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	392990	252.450	ug/l	99
59) 2-Hexanone	10.83	43	500168	273.515	ug/l	100
60) Dibromochloromethane	10.99	129	146151	52.520	ug/l	100
61) 1,2-Dibromoethane	11.09	107	124733	53.398	ug/l	99
64) Tetrachloroethene	10.72	164	162222	48.177	ug/l	97
65) Chlorobenzene	11.52	112	432630	52.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	152799	53.363	ug/l	98
67) Ethyl Benzene	11.60	91	802330	52.802	ug/l	99
68) m/p-Xylenes	11.70	106	612253	104.104	ug/l	96
69) o-Xylene	12.03	106	289441	52.366	ug/l	99
70) Styrene	12.04	104	508415	53.717	ug/l	99
71) Bromoform	12.20	173	90278	54.815	ug/l #	98
73) Isopropylbenzene	12.33	105	784693	50.720	ug/l	100
74) N-amyl acetate	12.14	43	241413	54.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	161205	52.625	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	91130m	38.234	ug/l	
77) Bromobenzene	12.61	156	174904	49.854	ug/l	96
78) n-propylbenzene	12.67	91	951400	50.967	ug/l	100
79) 2-Chlorotoluene	12.75	91	531084	51.248	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	660842	51.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59739	56.196	ug/l	94
82) 4-Chlorotoluene	12.85	91	564908	52.588	ug/l	98
83) tert-Butylbenzene	13.07	119	560352	50.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	664439	51.792	ug/l	99
85) sec-Butylbenzene	13.25	105	812414	51.831	ug/l	100
86) p-Isopropyltoluene	13.37	119	711389	50.924	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	344424	50.122	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	346170	50.413	ug/l	99
89) n-Butylbenzene	13.69	91	715680	51.942	ug/l	99
90) Hexachloroethane	13.96	117	137122	53.095	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	316234	50.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26983	49.772	ug/l	97

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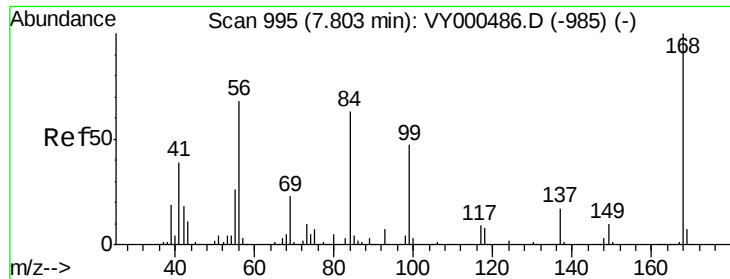
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	216099	50.903	ug/l	99
94) Hexachlorobutadiene	15.11	225	109677	50.119	ug/l	98
95) Naphthalene	15.23	128	481890	51.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	195718	51.387	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 272189

Ion Ratio Lower Upper

168 100

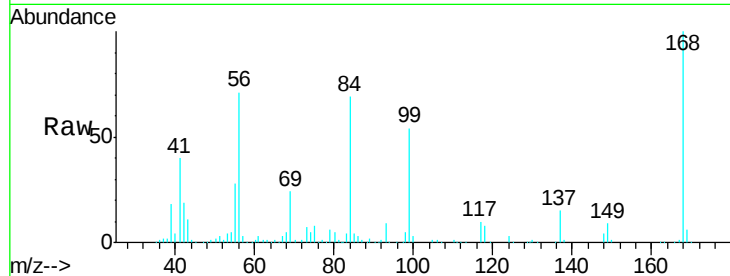
99 53.6 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

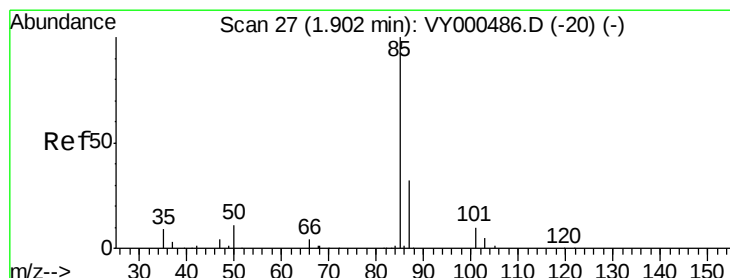
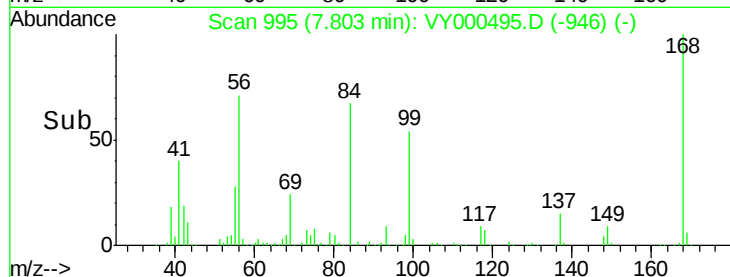
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.399 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000495.D

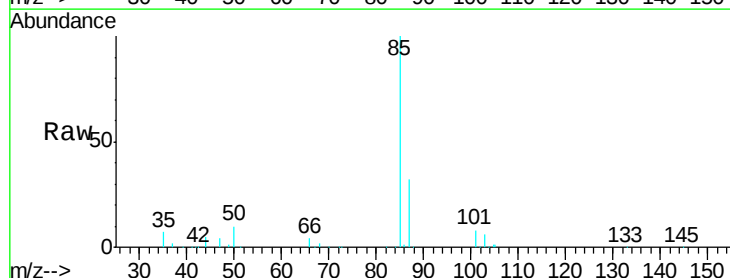
Acq: 30 Oct 2019 17:46

Tgt Ion: 85 Resp: 140399

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

100000

80000

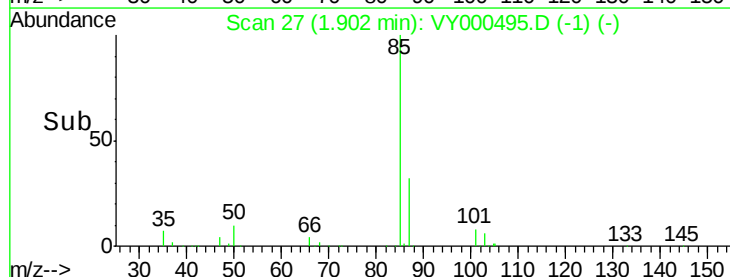
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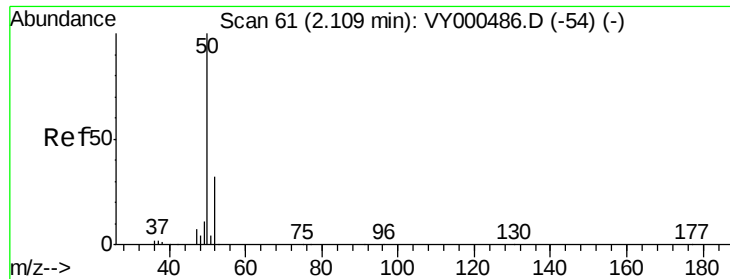
40000

20000

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Time-->





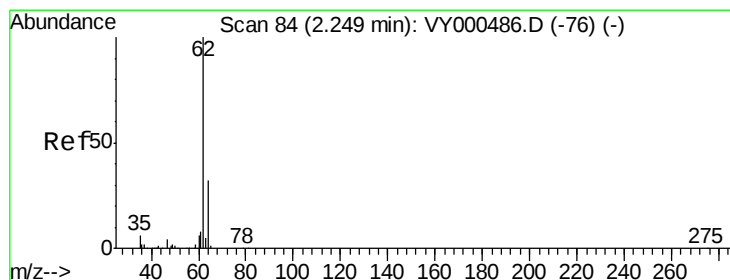
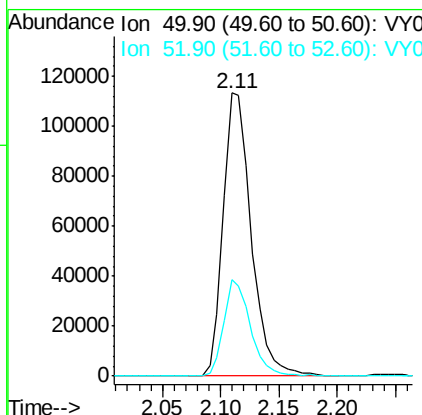
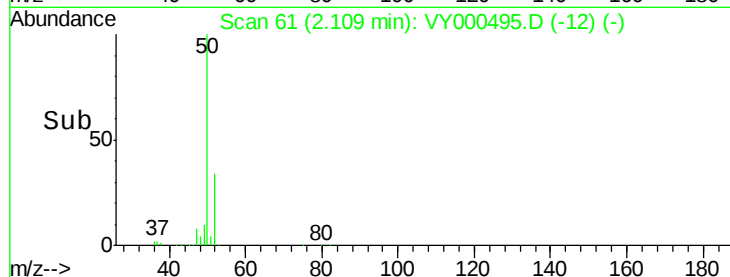
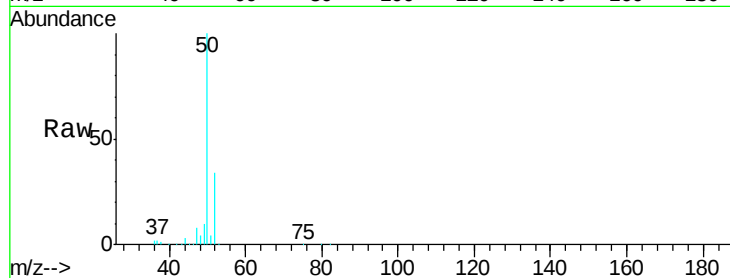
#3
Chloromethane
Concen: 51.498 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 190083
Ion Ratio Lower Upper
50 100
52 34.0 25.2 37.8

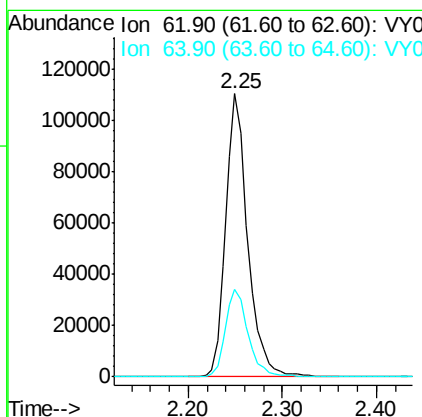
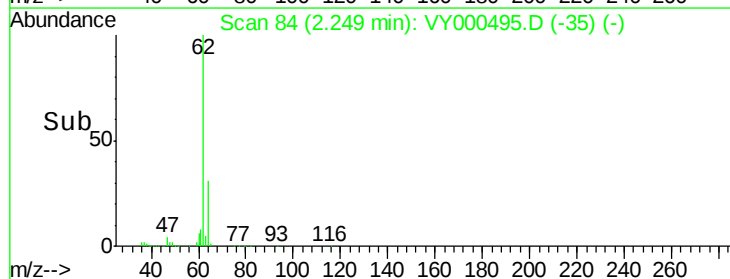
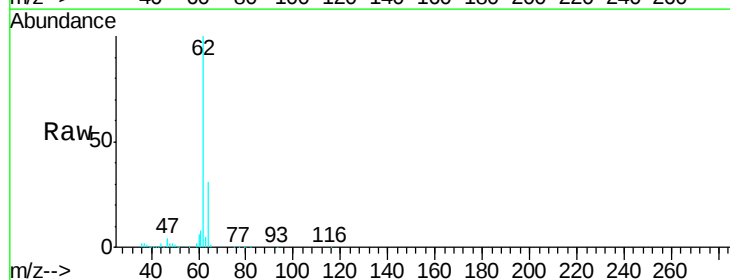
Manual Integrations
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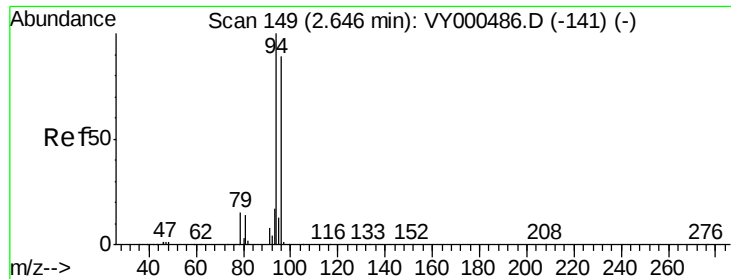
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#4
Vinyl Chloride
Concen: 52.062 ug/l
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 62 Resp: 178446
Ion Ratio Lower Upper
62 100
64 30.8 25.2 37.8





#5

Bromomethane

Concen: 50.270 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 103325

Ion Ratio Lower Upper

94 100

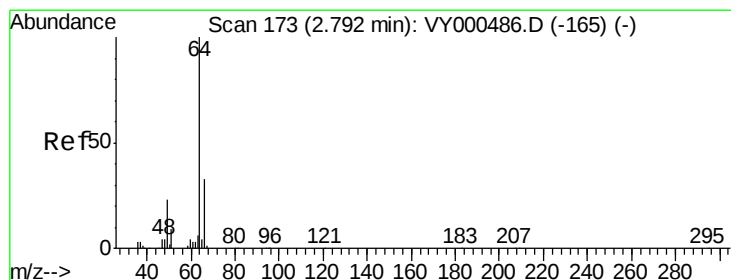
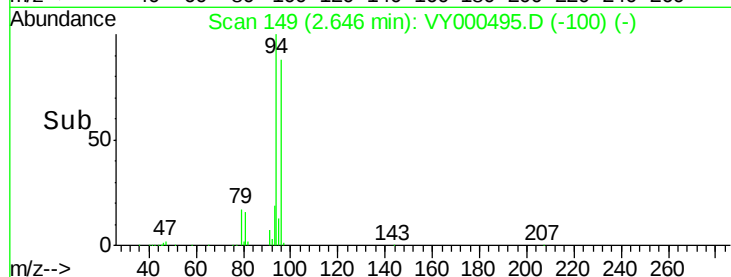
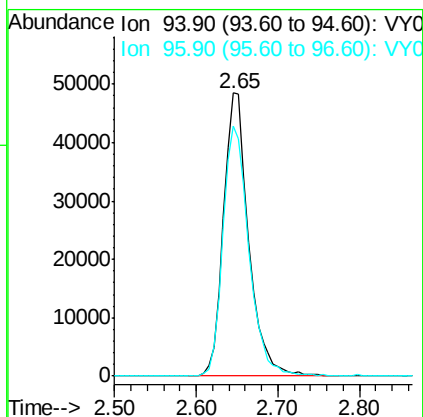
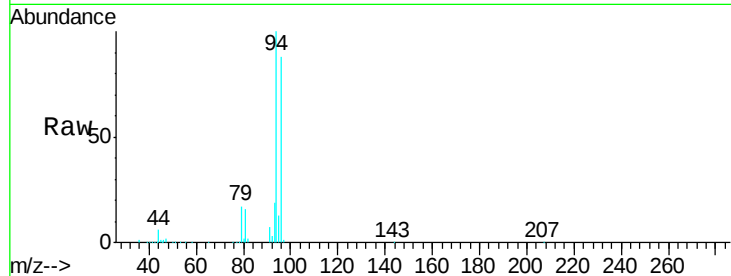
96 88.4 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 51.573 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000495.D

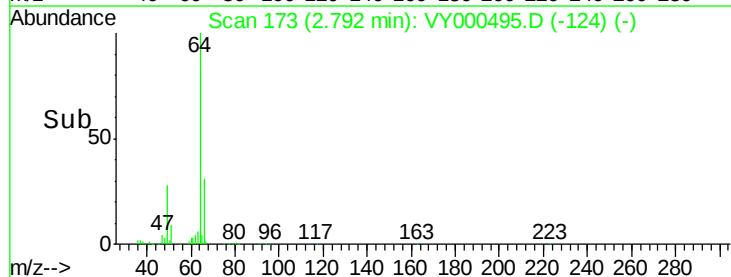
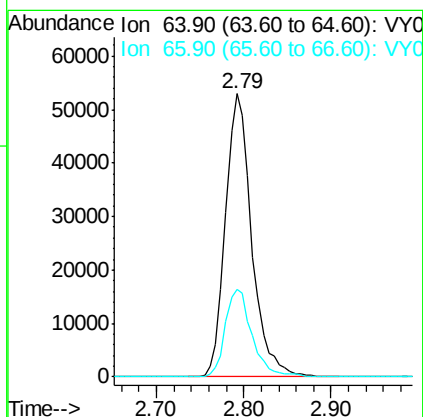
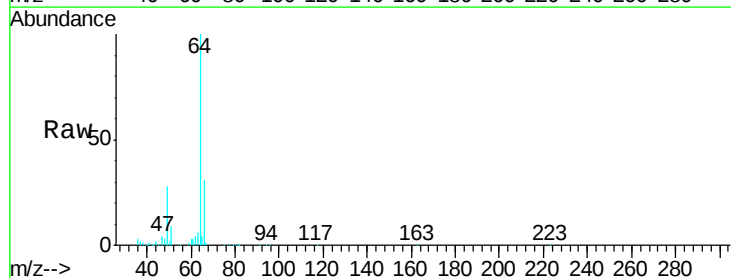
Acq: 30 Oct 2019 17:46

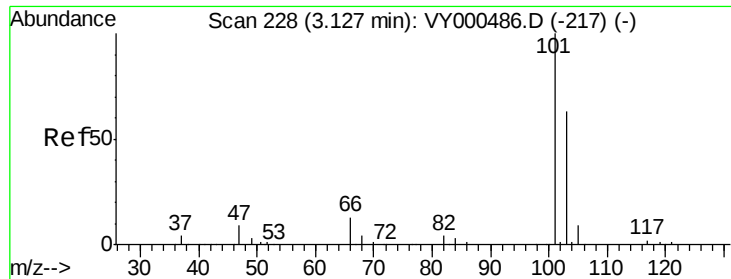
Tgt Ion: 64 Resp: 110634

Ion Ratio Lower Upper

64 100

66 30.7 26.6 40.0





#7

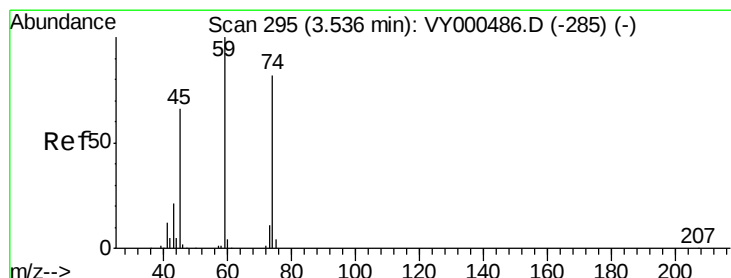
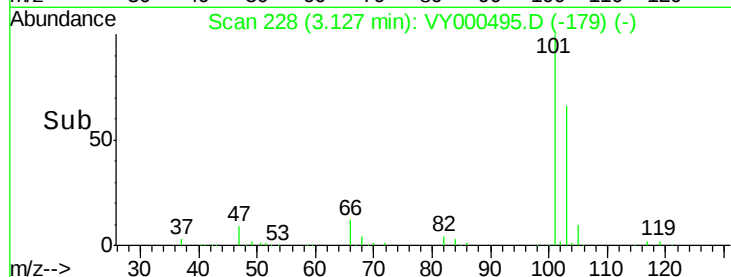
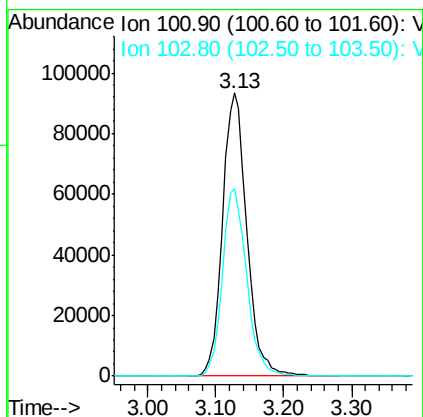
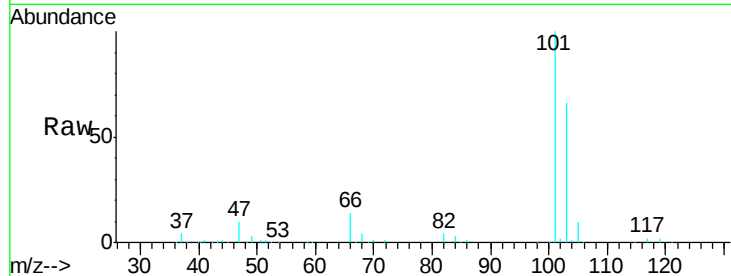
Trichlorofluoromethane
Concen: 49.905 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

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VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.5	75.7

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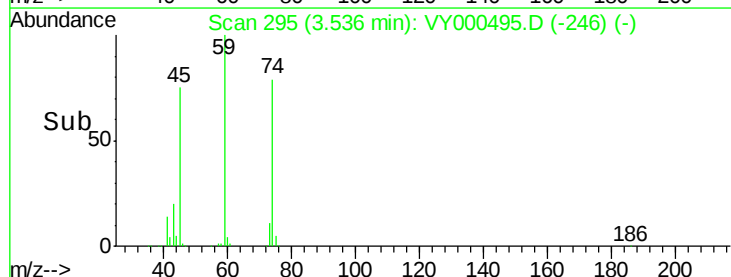
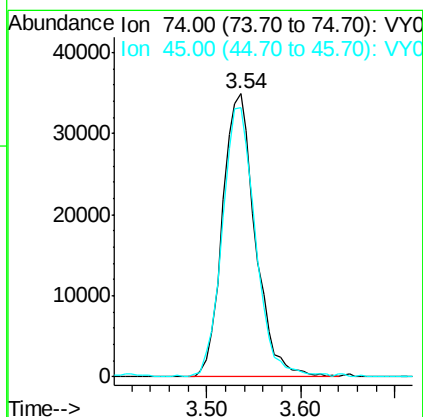
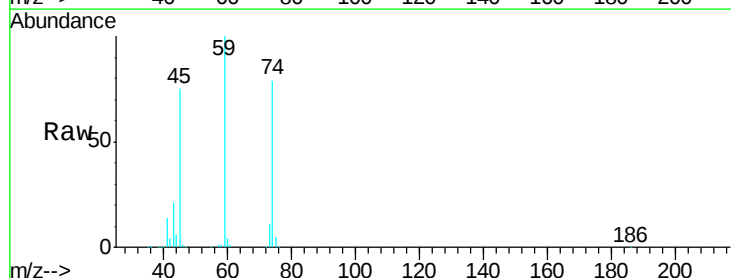
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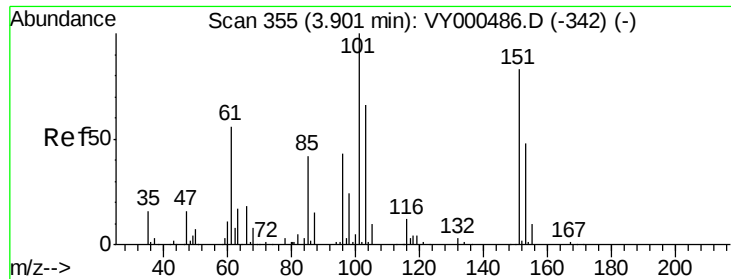


#8

Diethyl Ether
Concen: 51.257 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.643 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

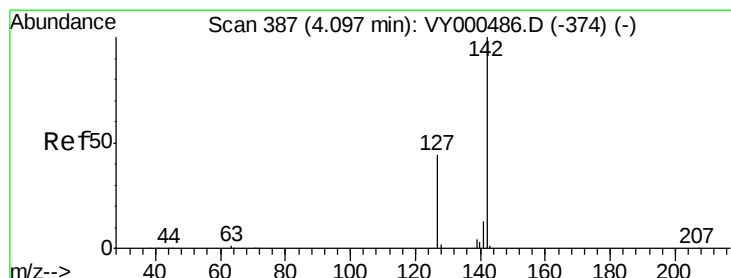
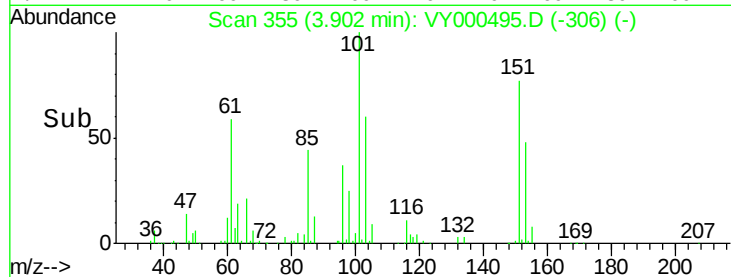
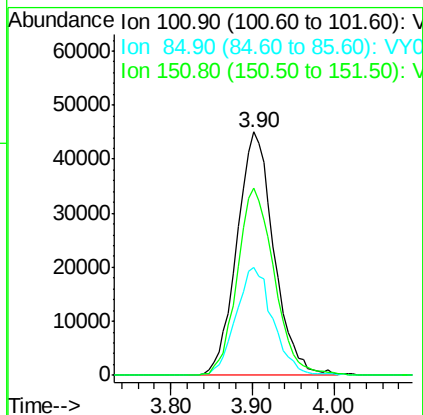
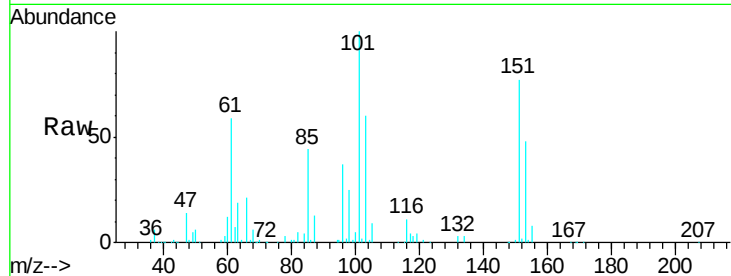
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	141724
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.7	55.1
151	77.0	64.3	96.5

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#10

Methyl Iodide

Concen: 51.639 ug/l

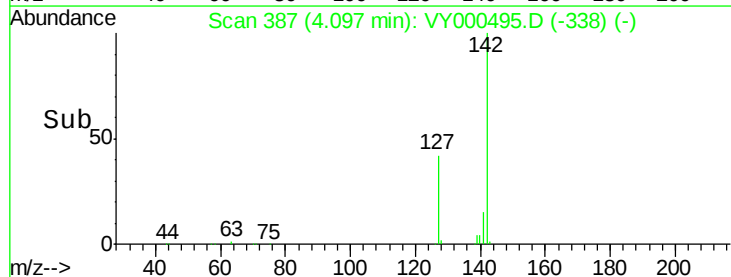
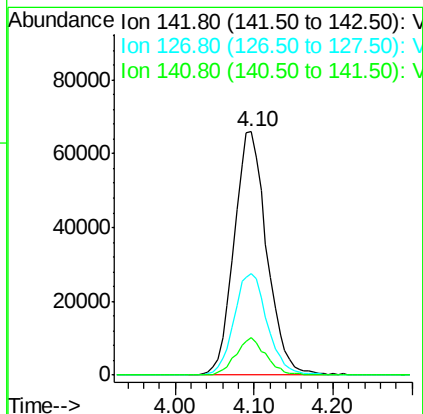
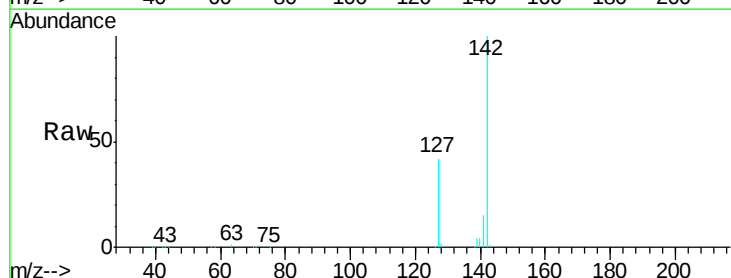
RT: 4.10 min Scan# 387

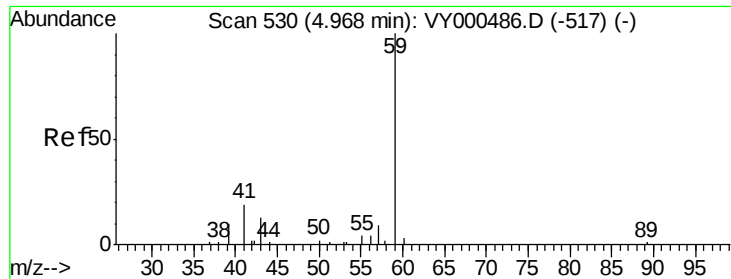
Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	142	Resp:	190627
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.7	50.5
141	14.1	10.9	16.3





#11

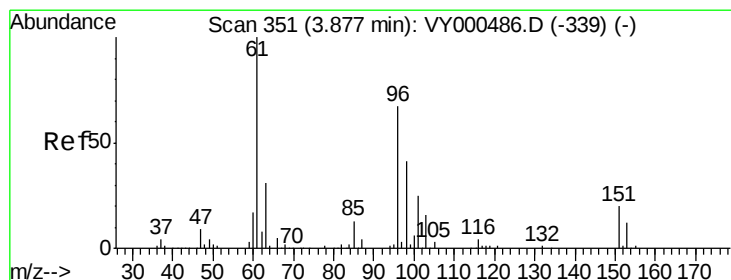
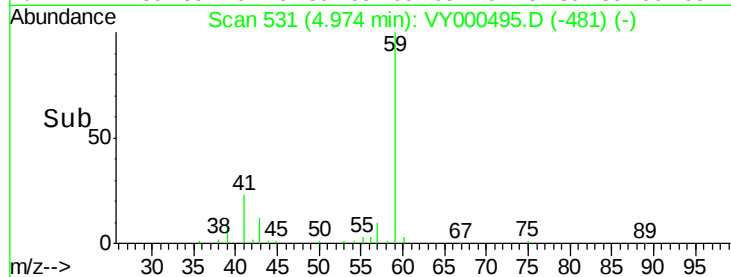
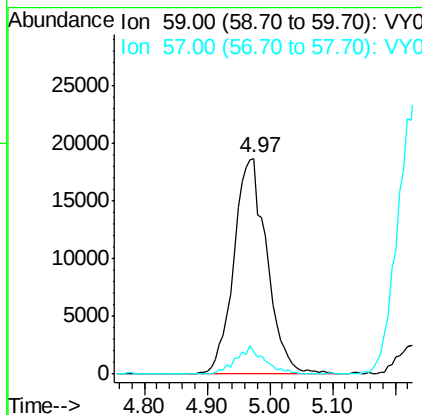
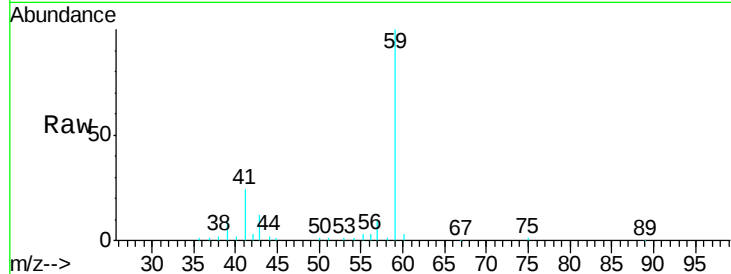
Tert butyl alcohol
Concen: 249.291 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

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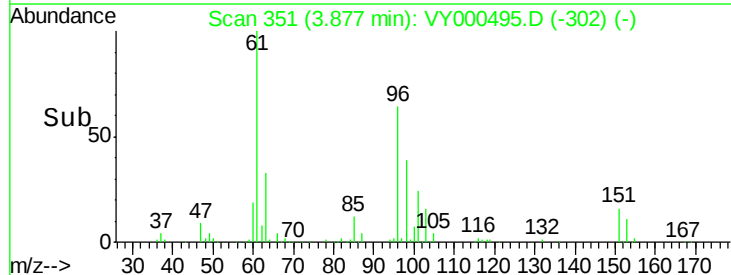
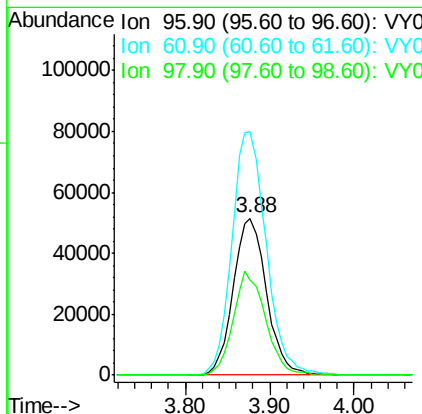
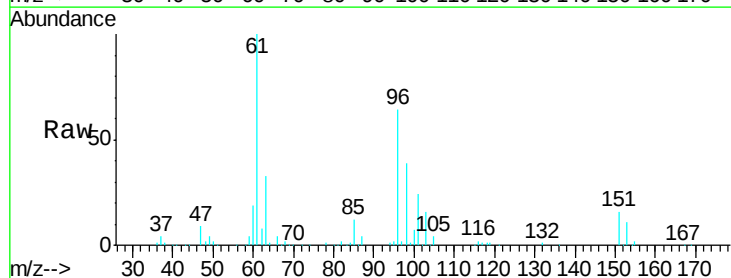
MMDadoda
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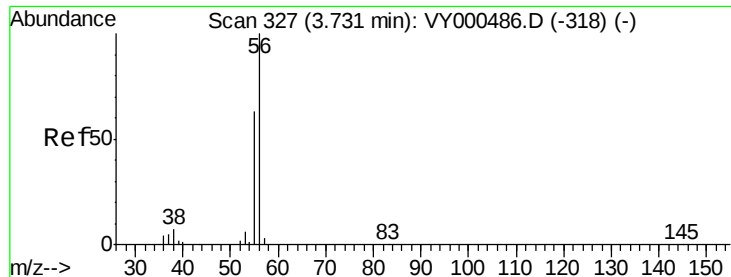


#12

1,1-Dichloroethene
Concen: 50.610 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	119.2	178.8
98	60.4	48.6	73.0





#13

Acrolein

Concen: 248.248 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 59292

Ion Ratio Lower Upper

56 100

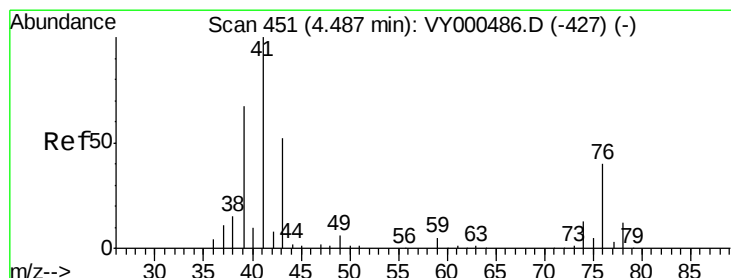
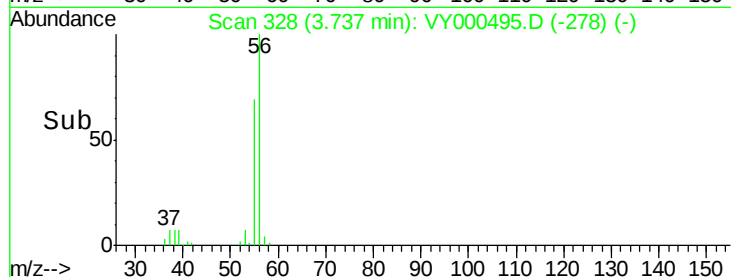
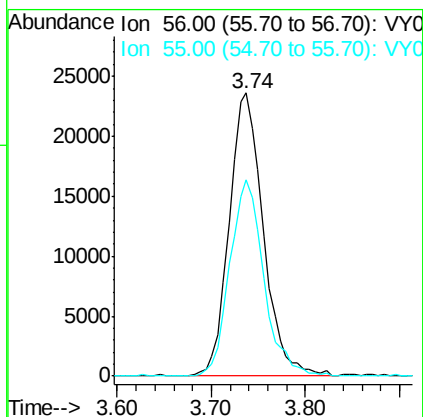
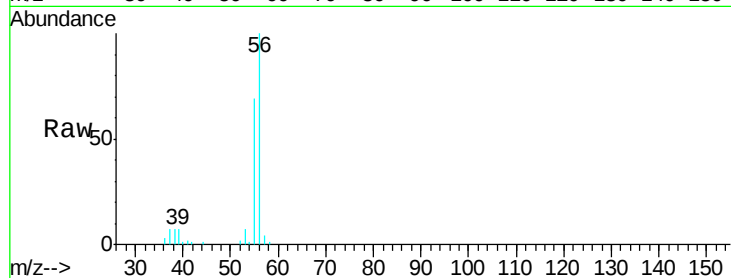
55 69.3 57.0 85.6

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#14

Allyl chloride

Concen: 53.970 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

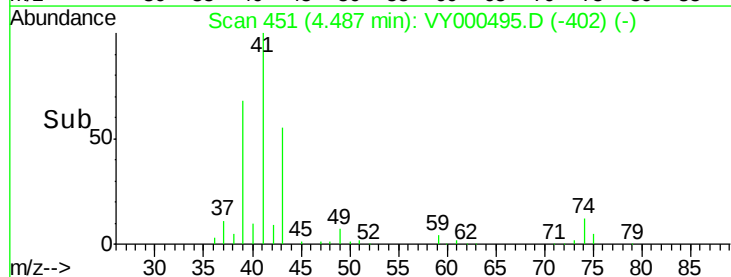
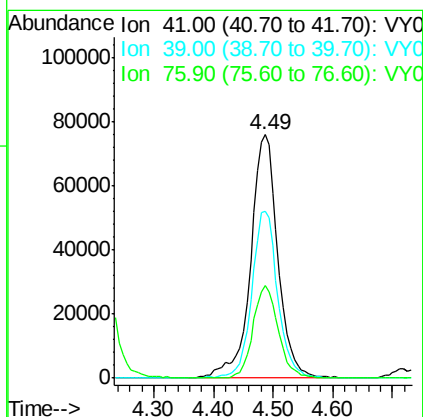
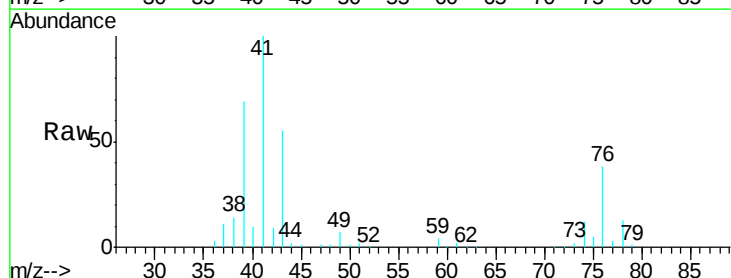
Tgt Ion: 41 Resp: 238603

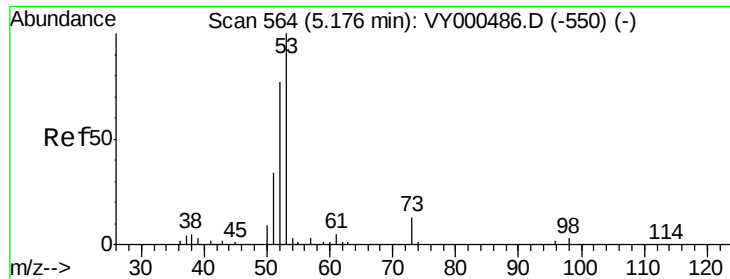
Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 35.5 29.8 44.6





#15

Acrylonitrile

Concen: 260.006 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

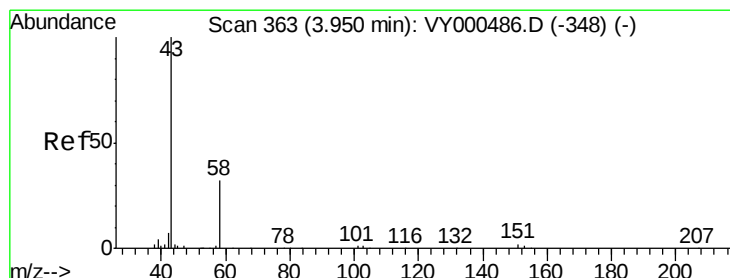
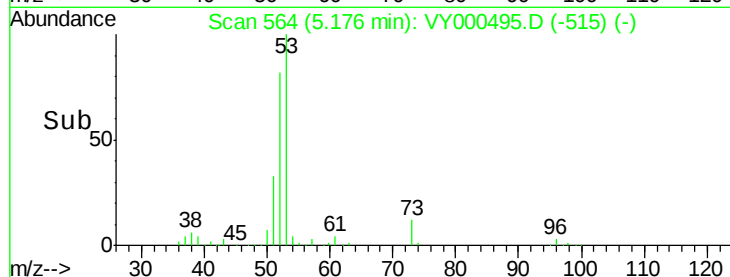
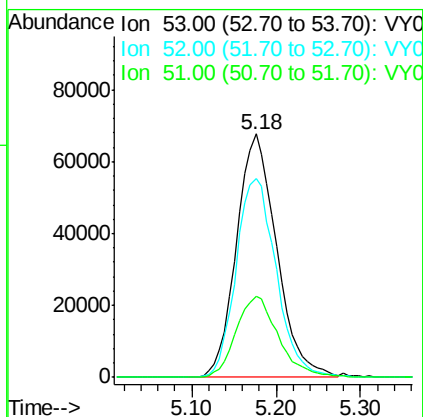
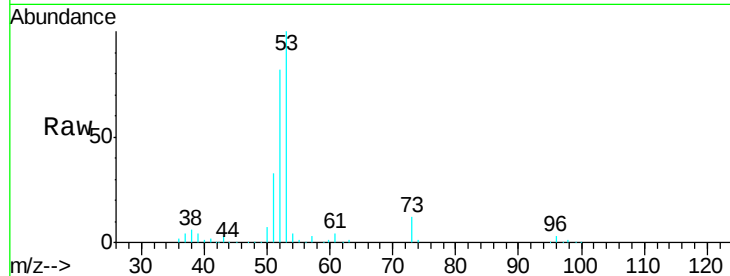
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	219070
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.9	97.3
51	35.1	27.6	41.4

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#16

Acetone

Concen: 267.972 ug/l

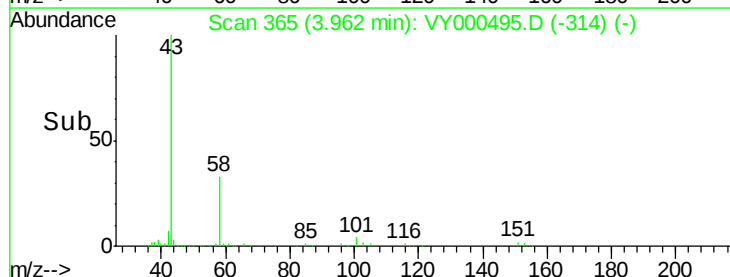
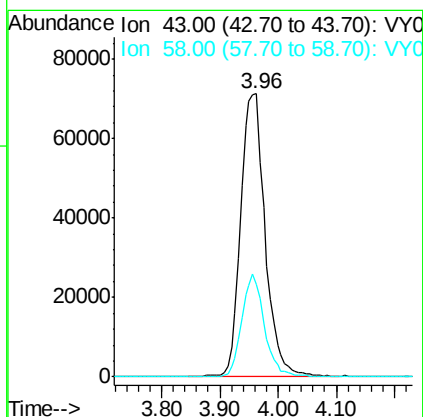
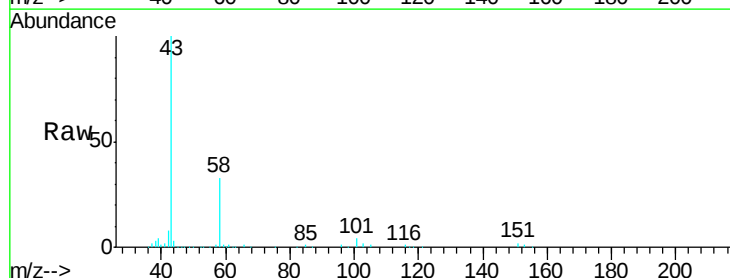
RT: 3.96 min Scan# 365

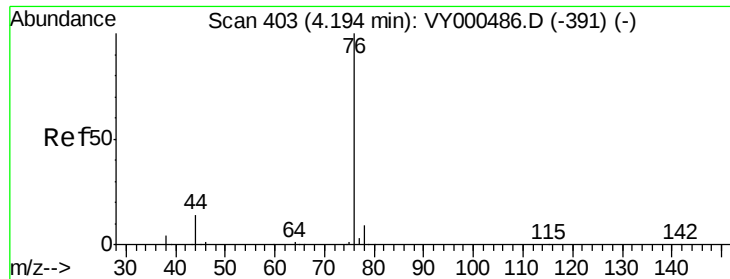
Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	43	Resp:	208038
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.8	38.6





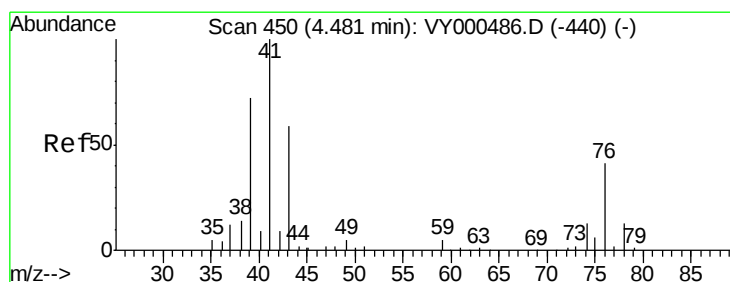
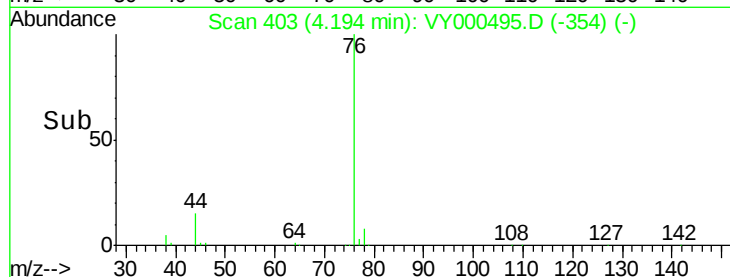
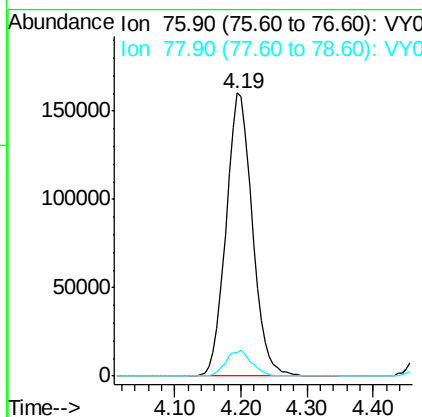
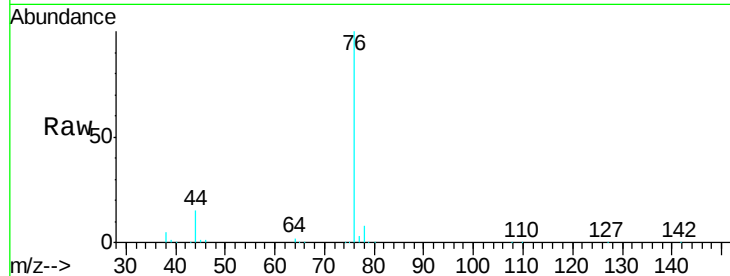
#17
Carbon Disulfide
Concen: 51.554 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 442097
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

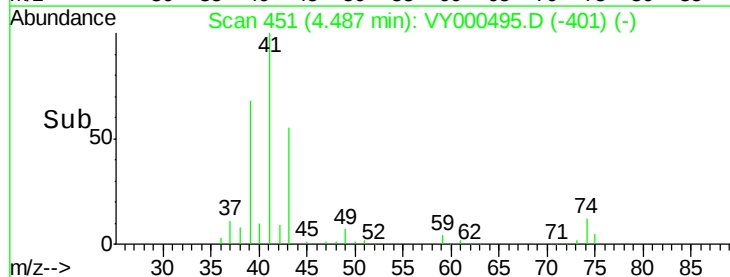
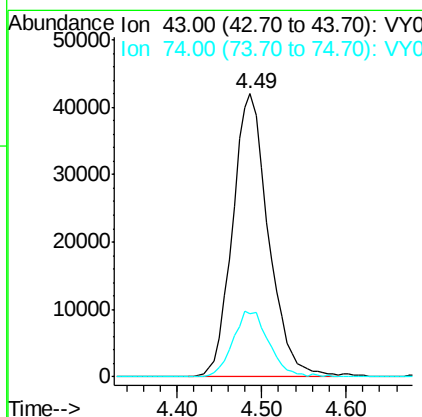
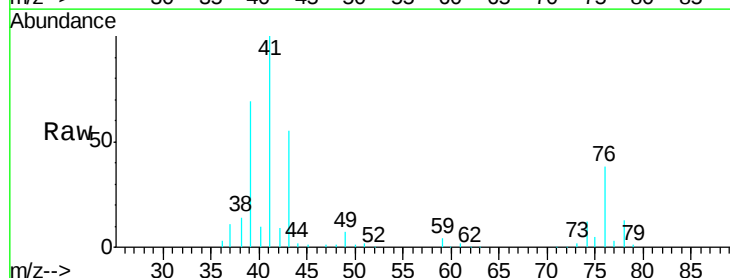
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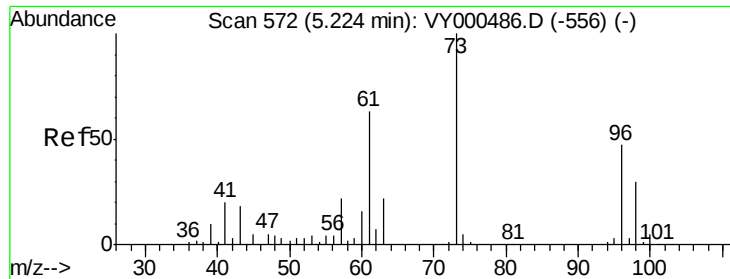
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#18
Methyl Acetate
Concen: 50.192 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 43 Resp: 121159
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8





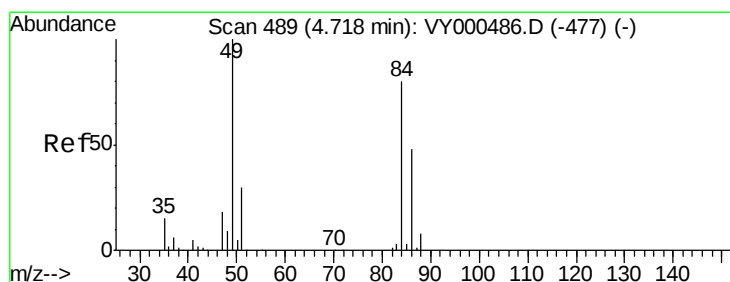
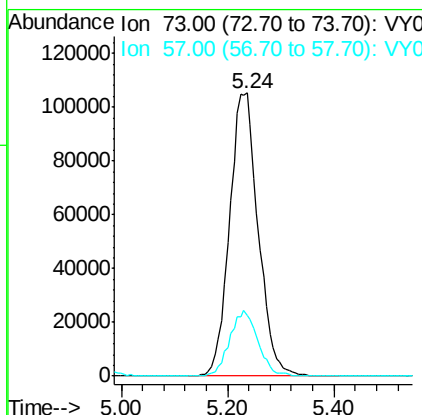
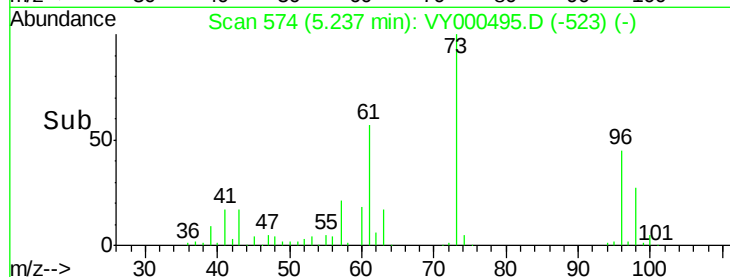
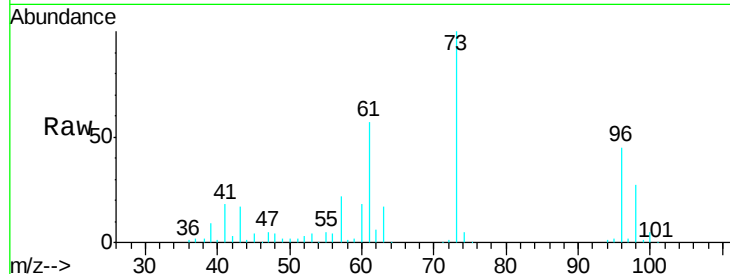
#19
Methyl tert-butyl Ether
Concen: 52.227 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 394809
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

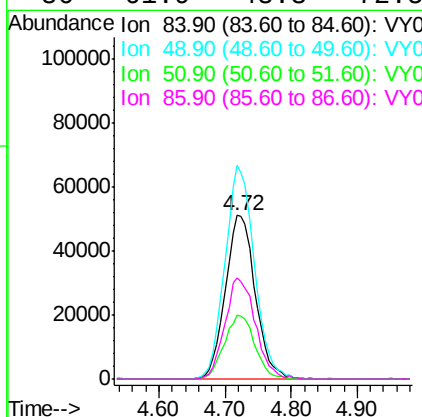
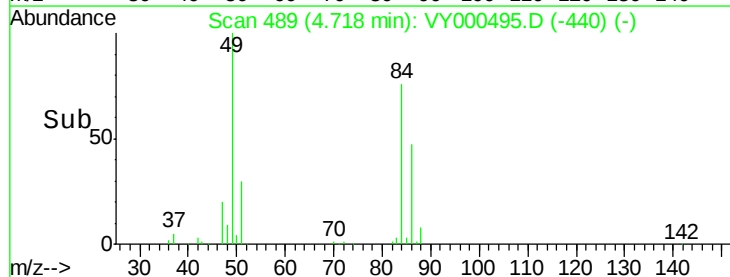
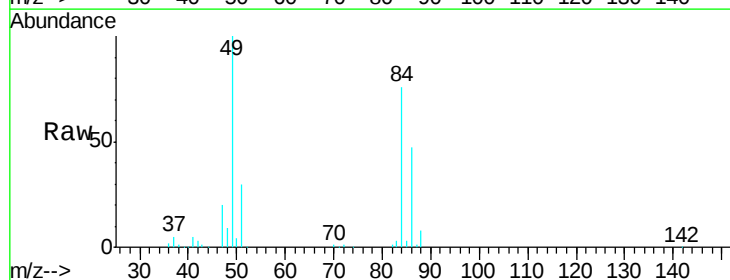
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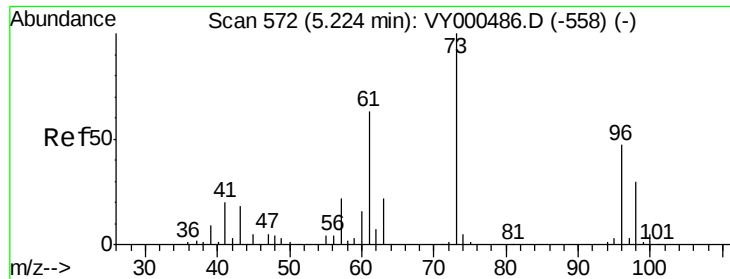
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#20
Methylene Chloride
Concen: 47.983 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 84 Resp: 159619
Ion Ratio Lower Upper
84 100
49 130.8 100.2 150.4
51 39.1 29.6 44.4
86 61.9 48.3 72.5





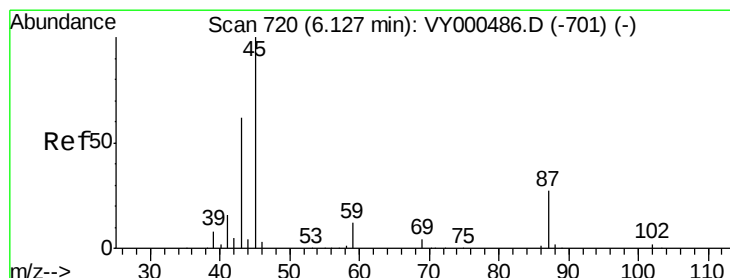
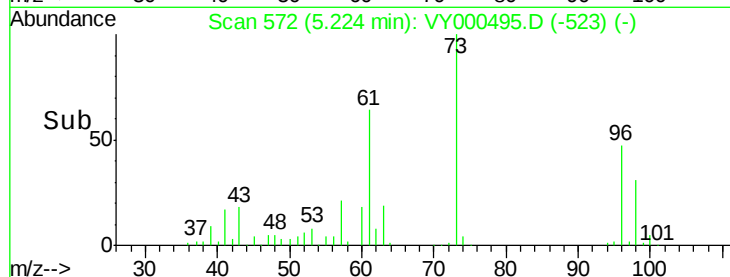
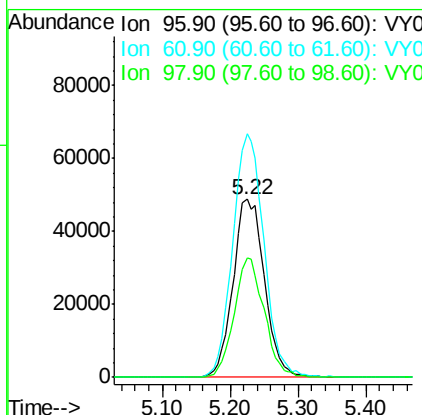
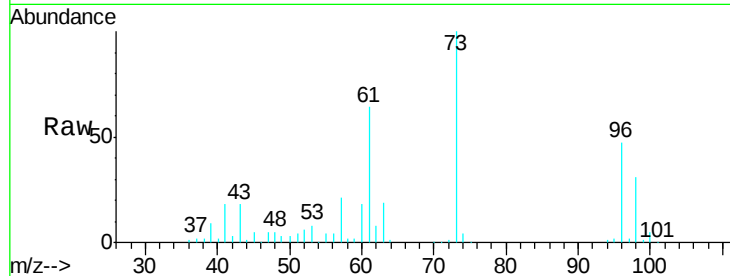
#21
trans-1,2-Dichloroethene
Concen: 51.248 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.6	106.6	160.0
98	67.2	50.6	76.0

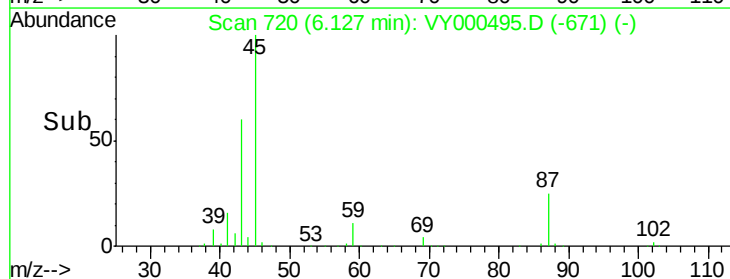
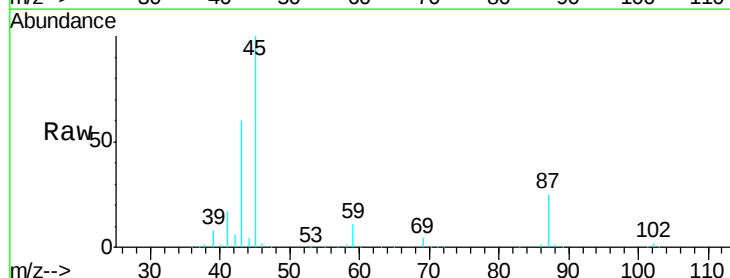
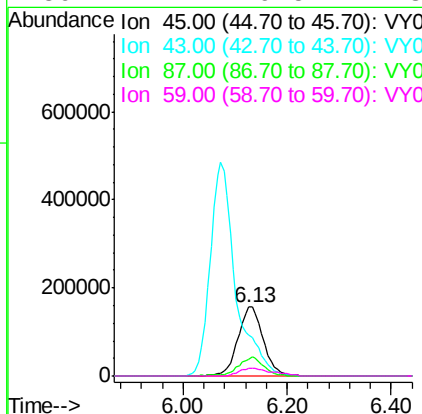
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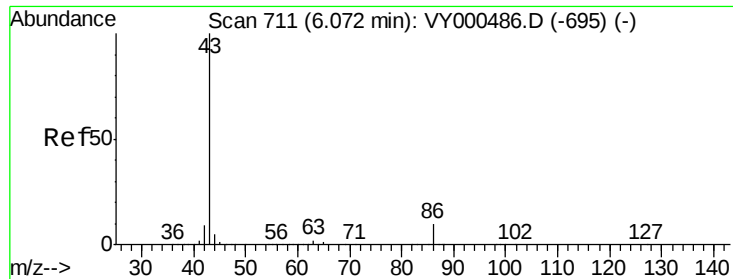
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#22
Diisopropyl ether
Concen: 54.913 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	50.0	75.0
87	24.9	21.6	32.4
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 271.547 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1647182

Ion Ratio Lower Upper

43 100

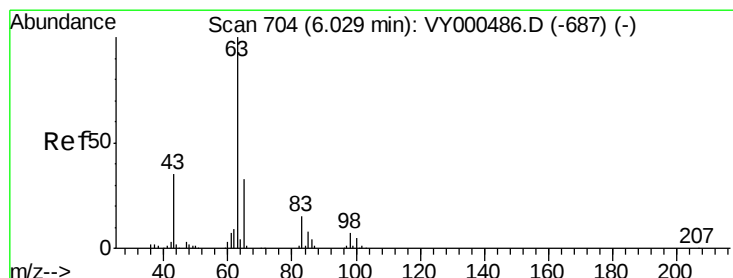
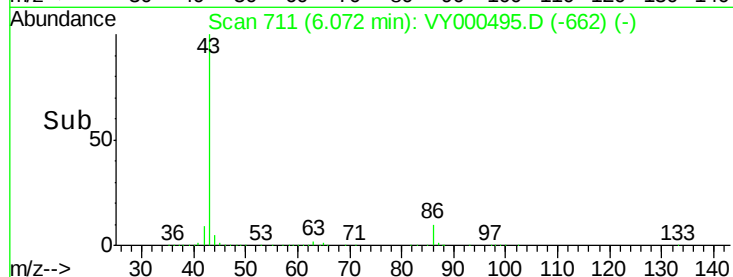
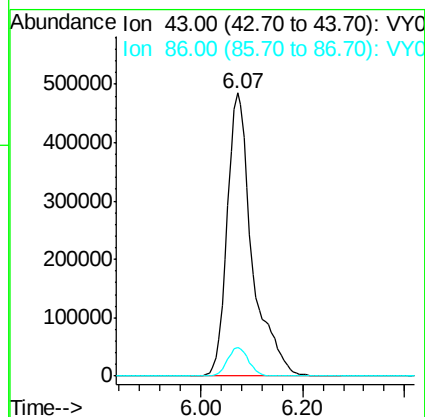
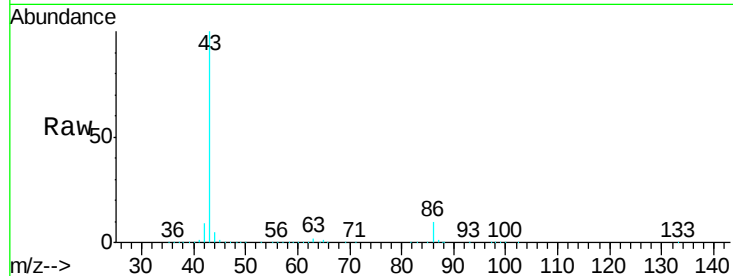
86 10.2 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 52.519 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

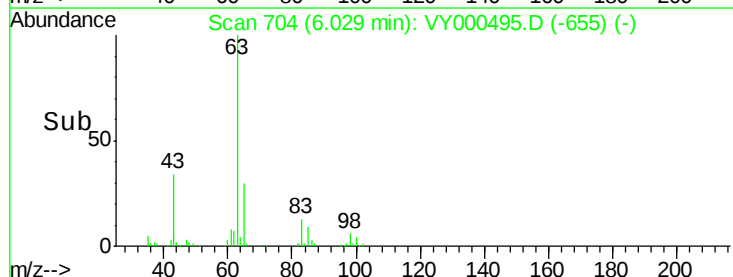
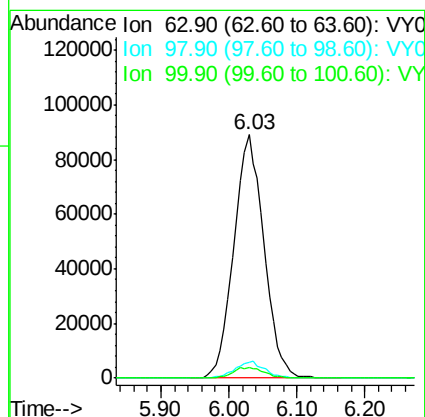
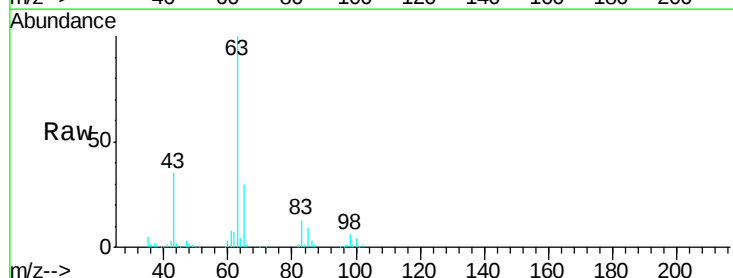
Tgt Ion: 63 Resp: 273402

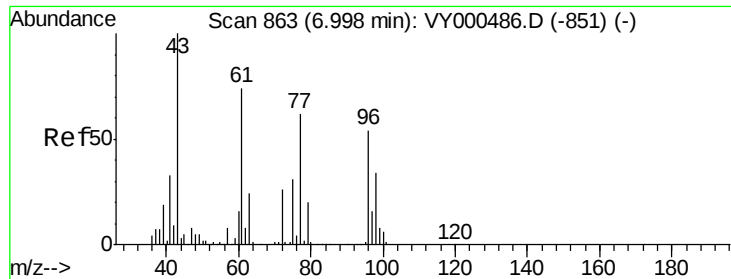
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 261.064 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 323457

Ion Ratio Lower Upper

43 100

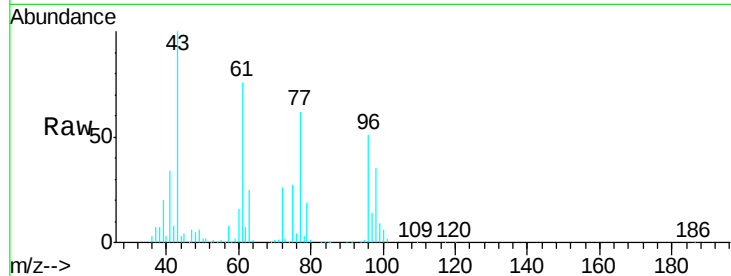
72 26.5 20.9 31.3

Manual Integrations

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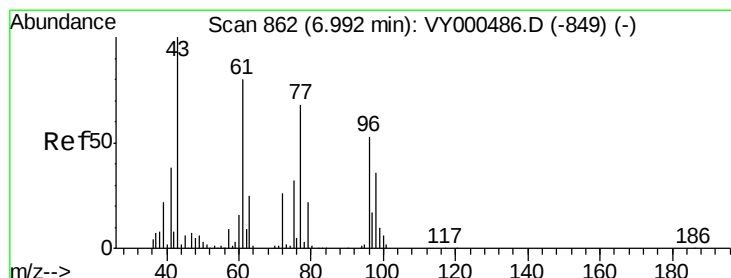
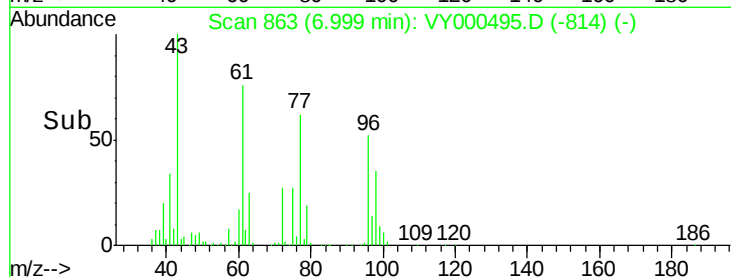
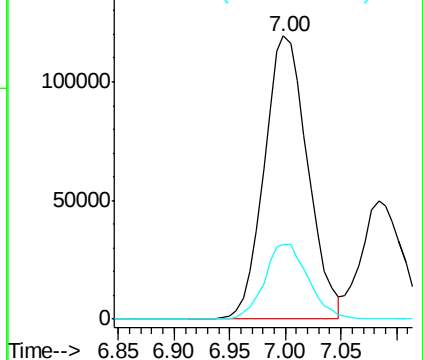
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.940 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000495.D

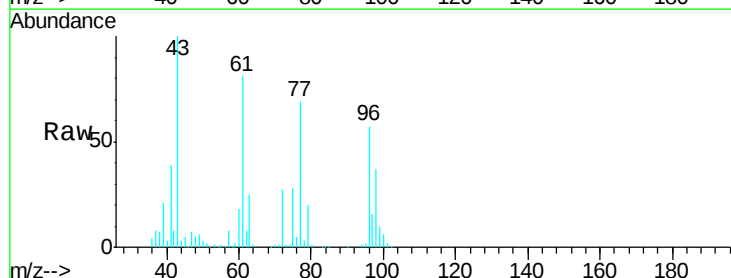
Acq: 30 Oct 2019 17:46

Tgt Ion: 77 Resp: 237585

Ion Ratio Lower Upper

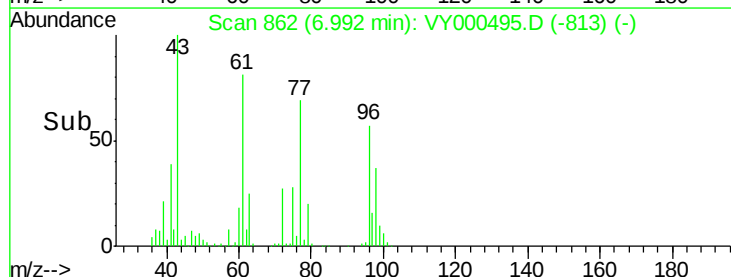
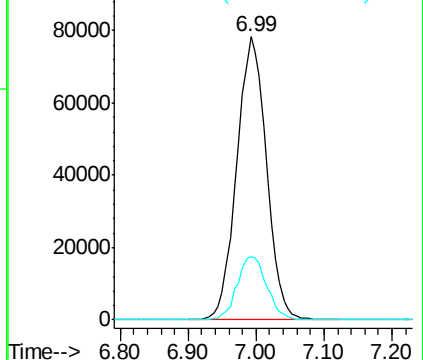
77 100

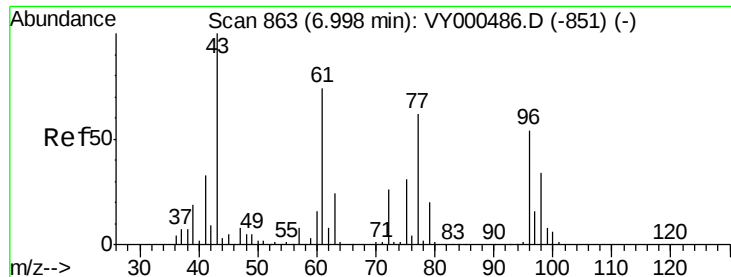
97 22.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

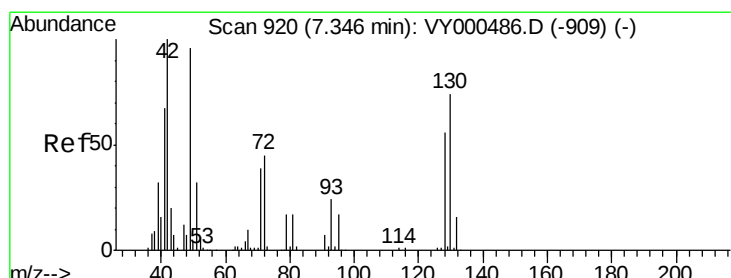
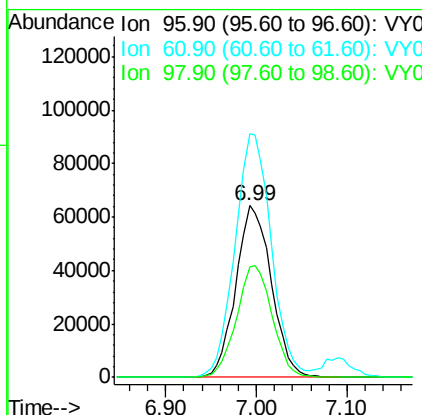
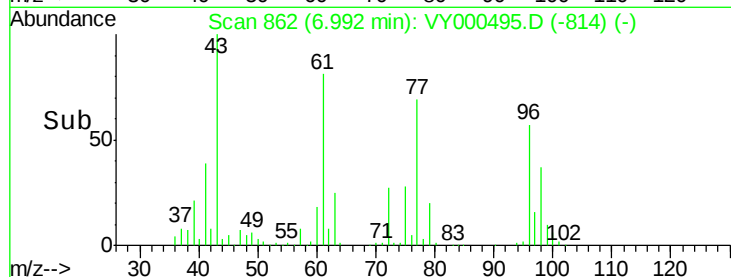
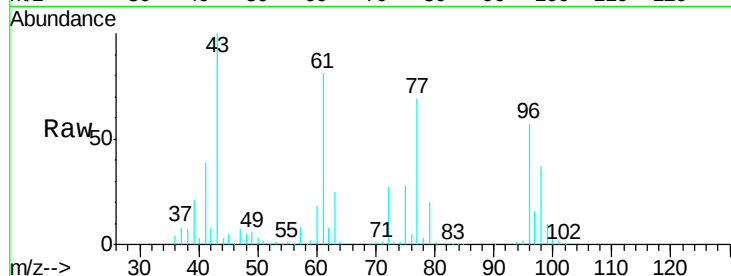
cis-1,2-Dichloroethene
Concen: 51.827 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	174195		
61	145.8	0.0	287.0	
98	65.5	0.0	129.4	

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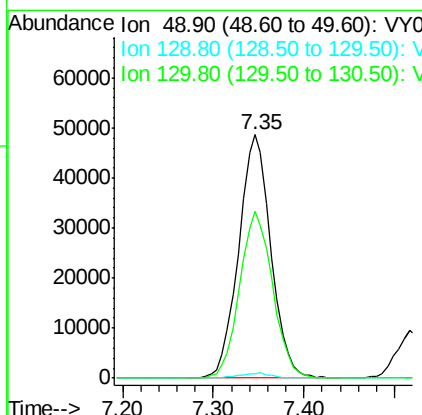
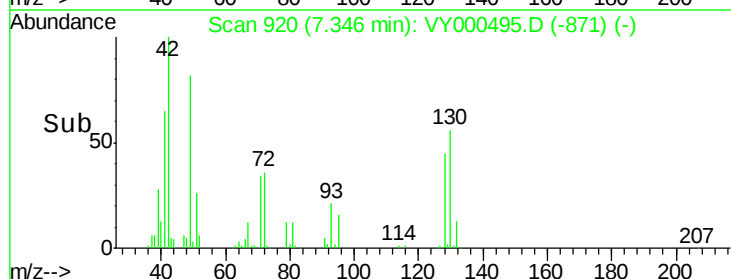
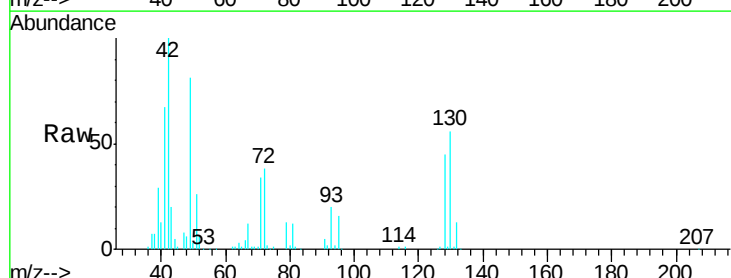
MMDadoda
10/31/2019 11:31:57 AM

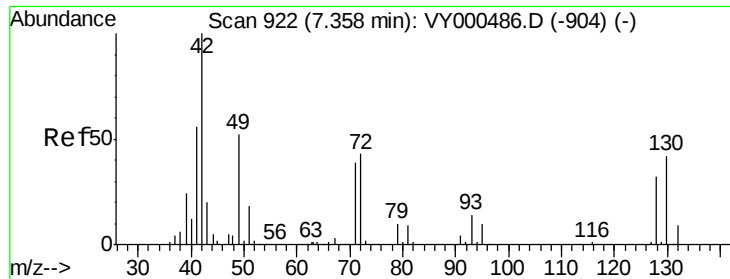


#28

Bromochloromethane
Concen: 50.363 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119646		
129	1.9	0.0	3.6	
130	70.2	59.4	89.0	





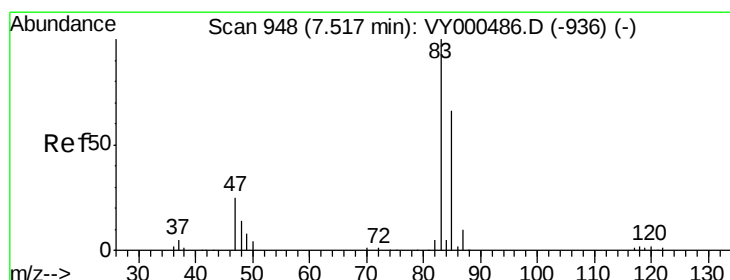
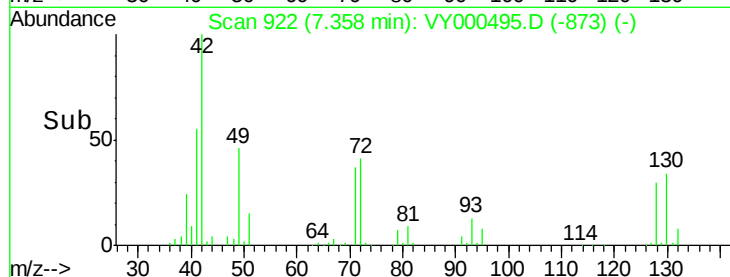
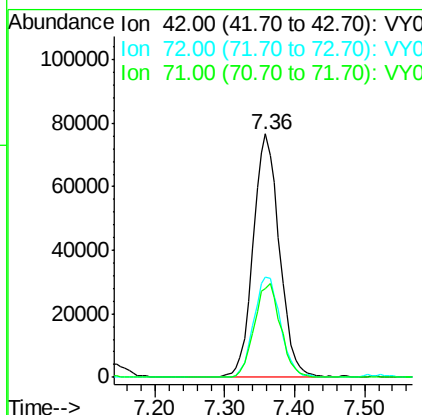
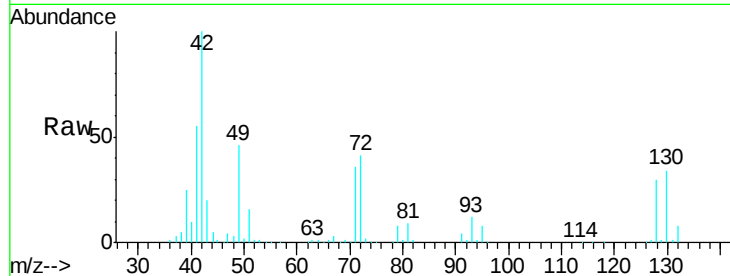
#29
Tetrahydrofuran
Concen: 263.606 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	38.6	30.8	46.2

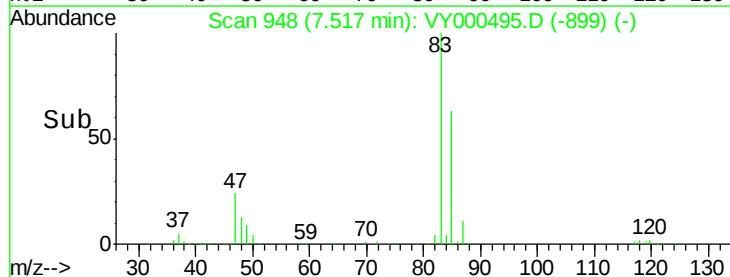
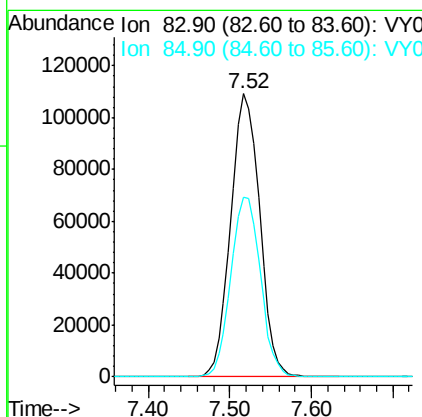
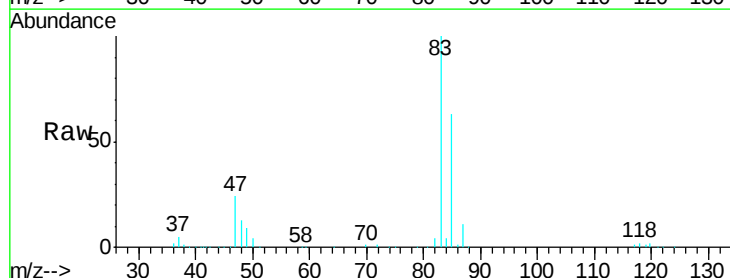
Manual Integrations
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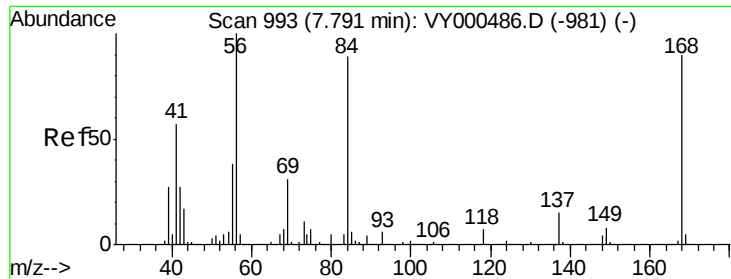
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10/31/2019 11:31:57 AM



#30
Chloroform
Concen: 50.983 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.0	79.4





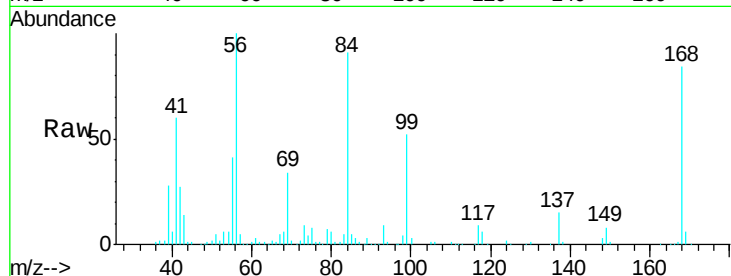
#31
Cyclohexane
Concen: 49.169 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

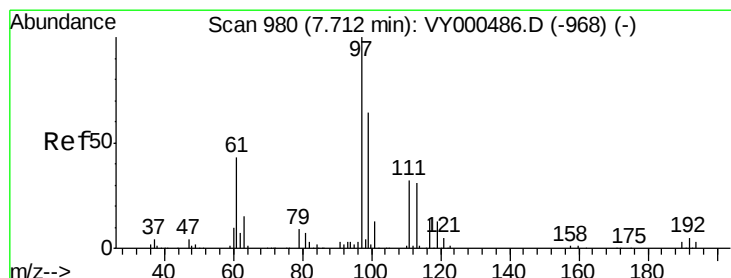
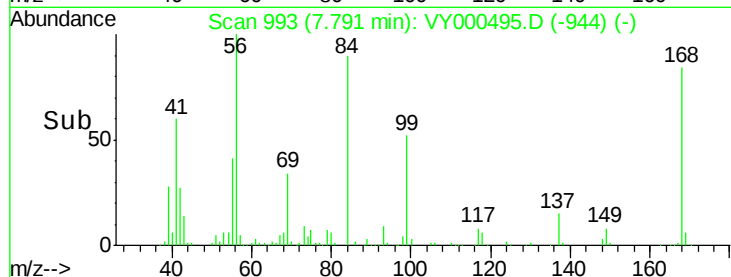
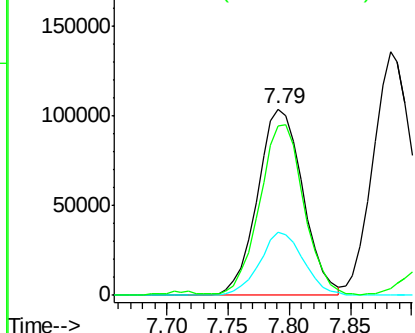
Tgt Ion: 56 Resp: 268093
Ion Ratio Lower Upper
56 100
69 33.9 25.0 37.6
84 88.6 71.4 107.2

Manual Integrations
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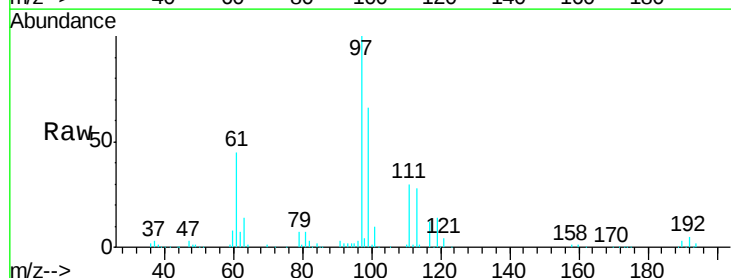


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

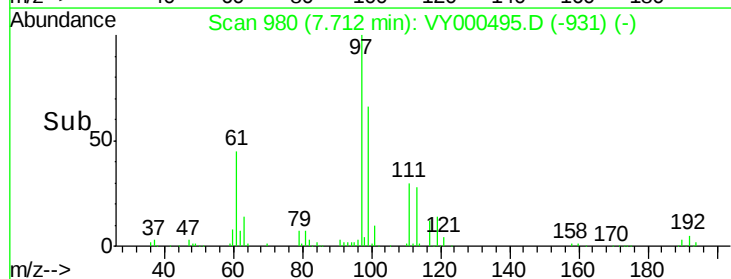
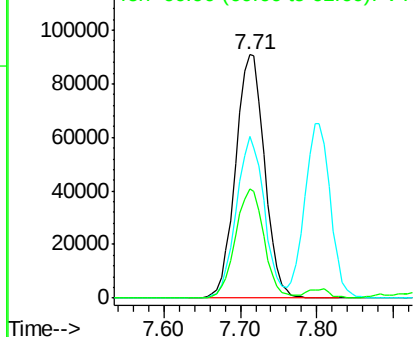


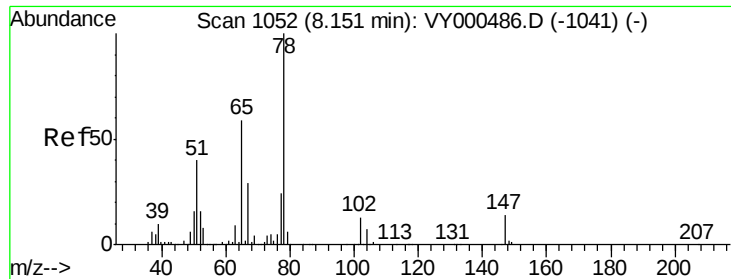
#32
1,1,1-Trichloroethane
Concen: 50.684 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 97 Resp: 237881
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 44.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





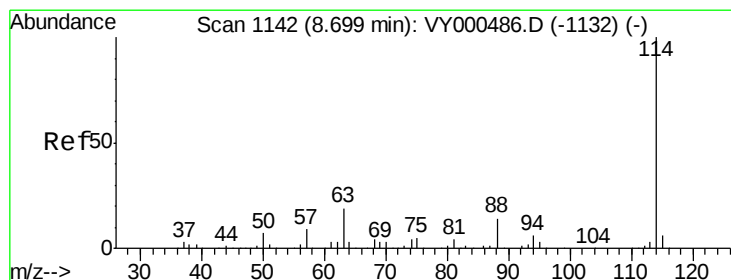
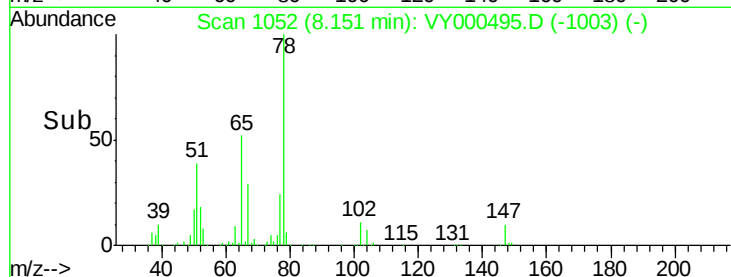
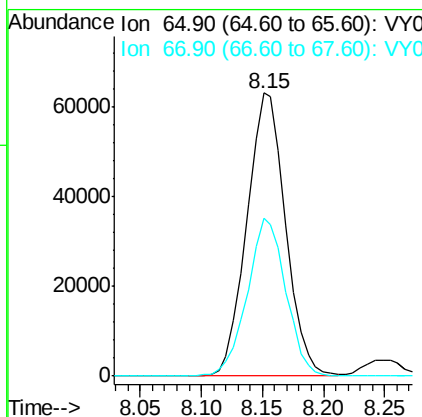
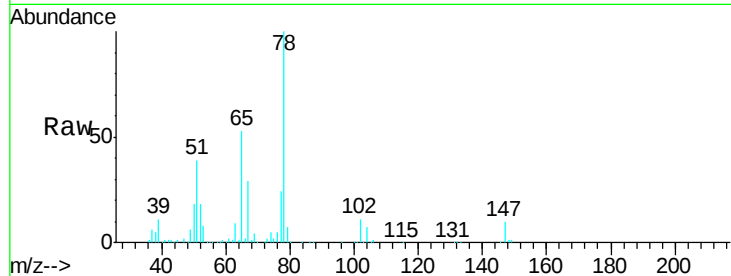
#33
 1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 138631
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.2

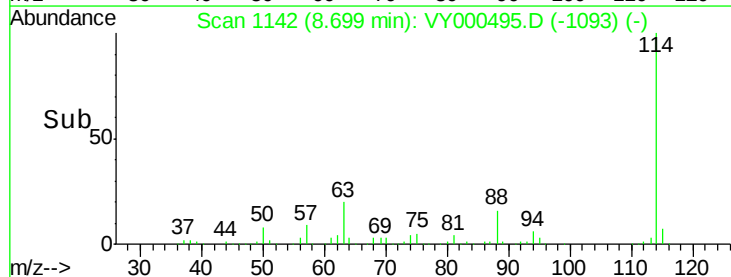
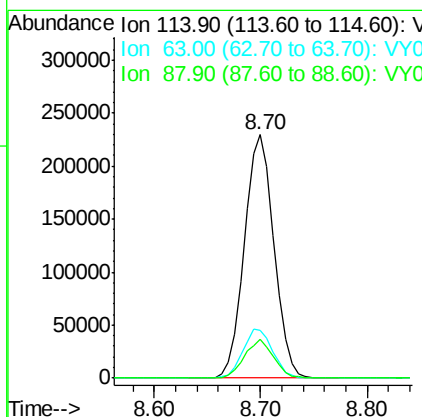
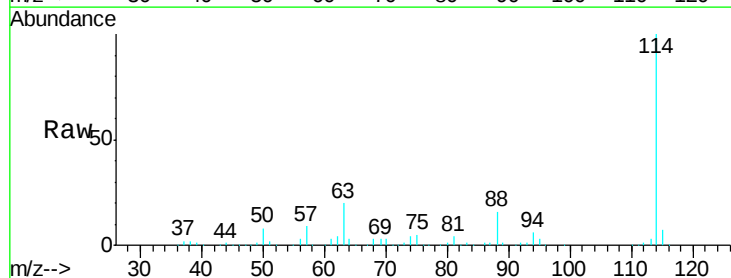
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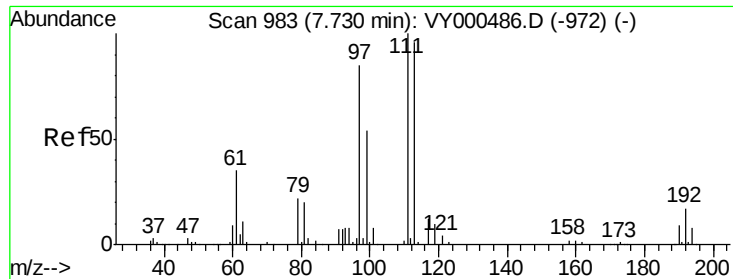
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 114 Resp: 447742
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.7 0.0 28.6





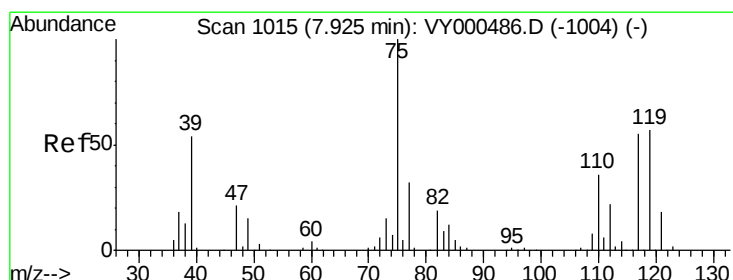
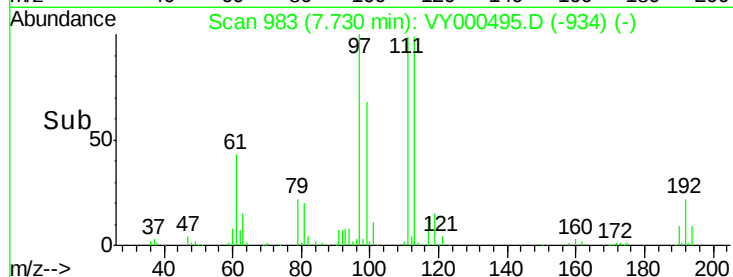
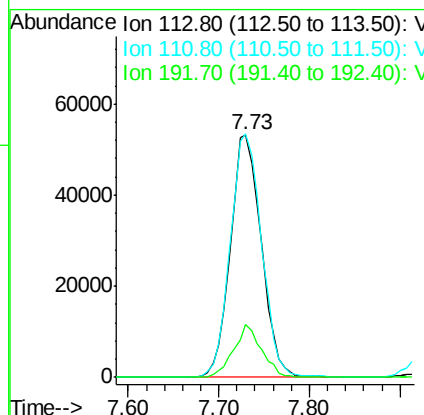
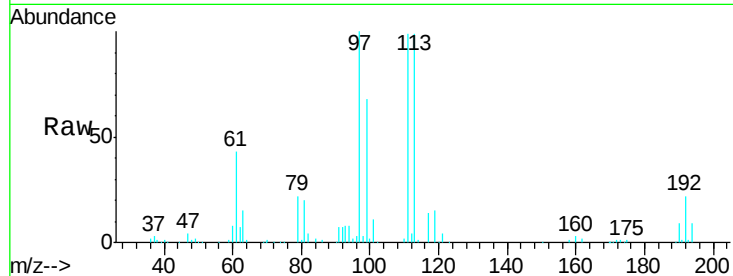
#35
 Dibromofluoromethane
 Concen: 47.964 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 126074
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 19.4 15.0 22.4

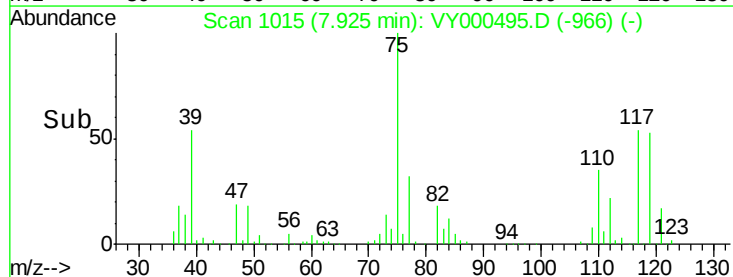
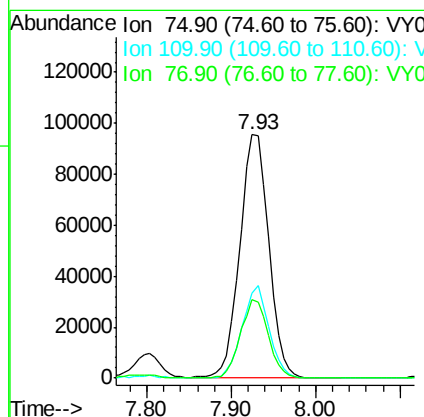
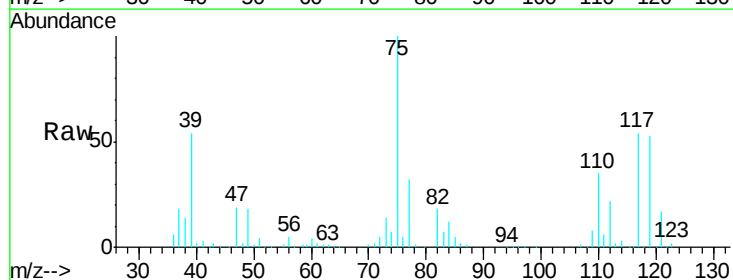
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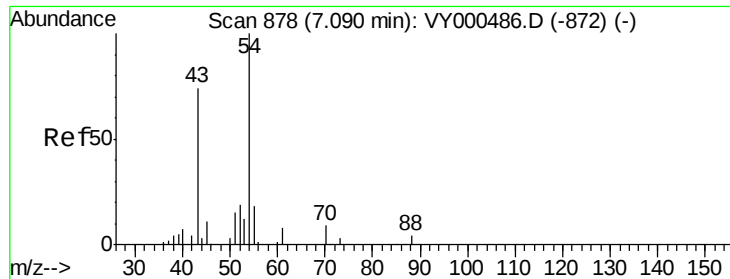
MMDadoda
 10/31/2019 11:31:57 AM



#36
 1,1-Dichloropropene
 Concen: 52.165 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 75 Resp: 220800
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.1 54.1
 77 31.2 25.0 37.6





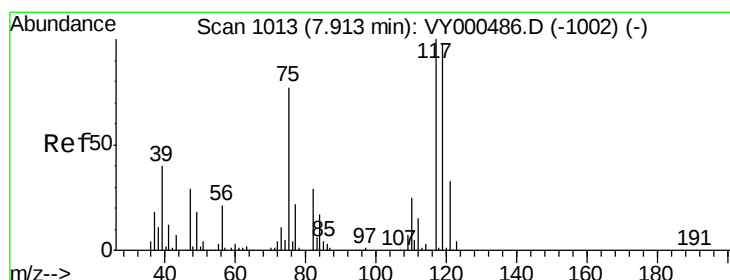
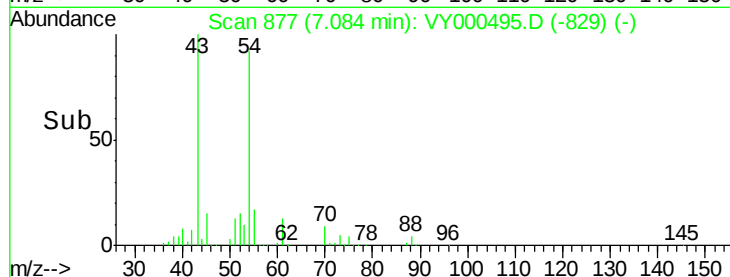
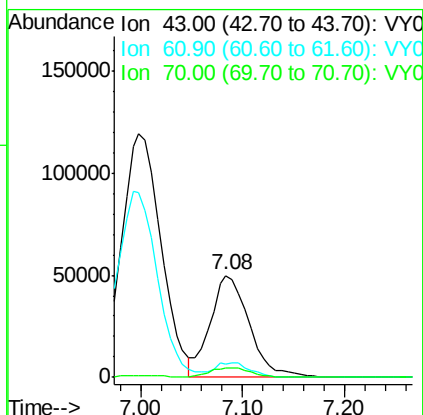
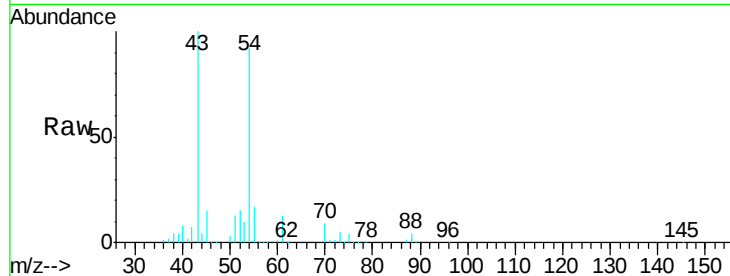
#37
Ethyl Acetate
Concen: 52.558 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 132078
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.8 7.8 11.8

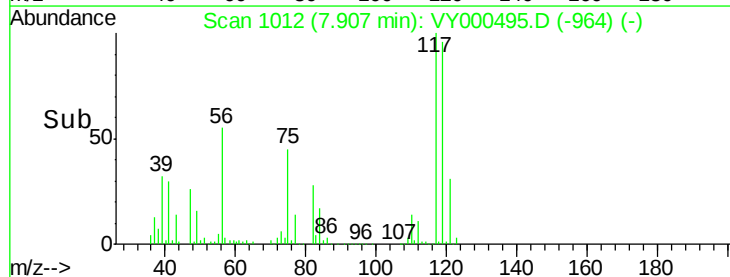
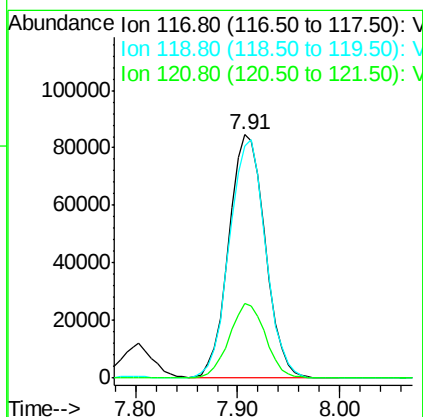
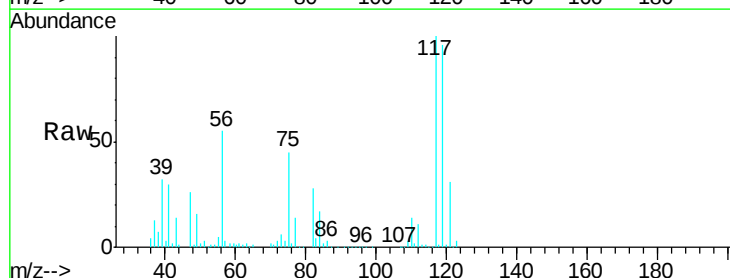
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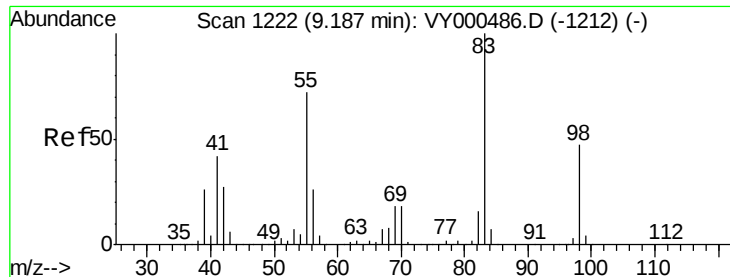
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#38
Carbon Tetrachloride
Concen: 51.402 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 117 Resp: 209352
Ion Ratio Lower Upper
117 100
119 95.5 78.0 117.0
121 30.5 26.6 40.0





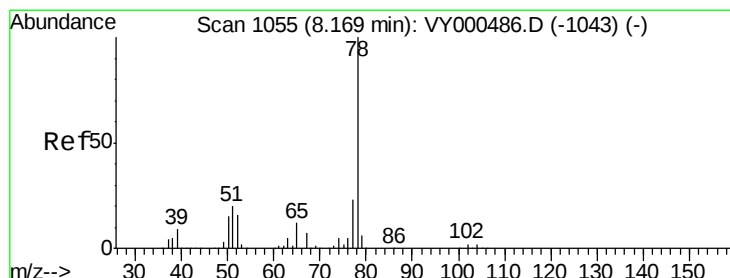
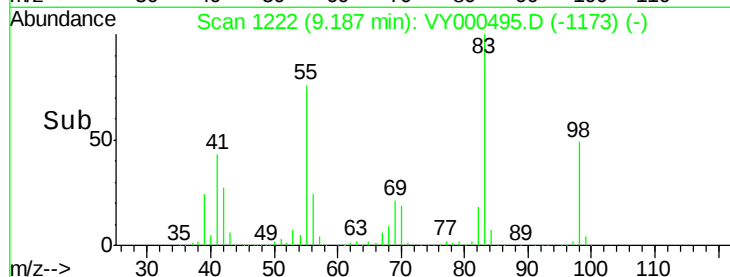
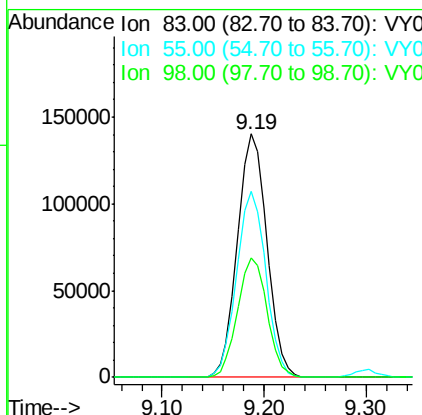
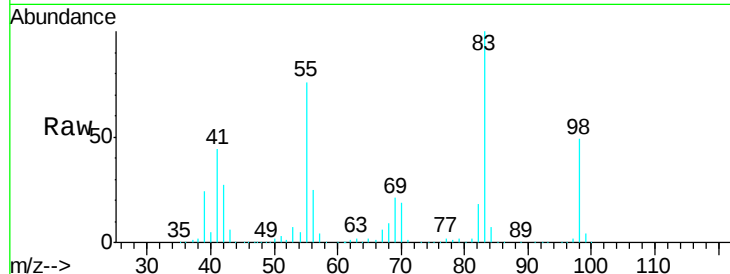
#39
Methylcyclohexane
Concen: 51.643 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	282404		
55	76.3		57.5	86.3
98	49.2		38.0	57.0

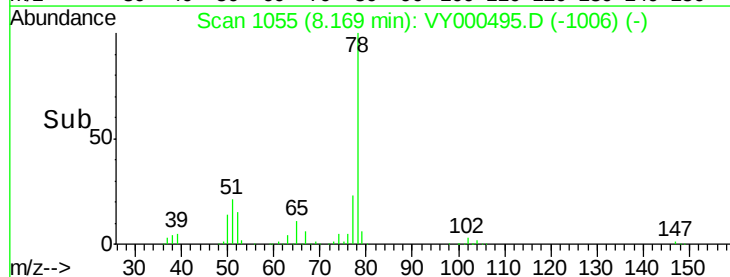
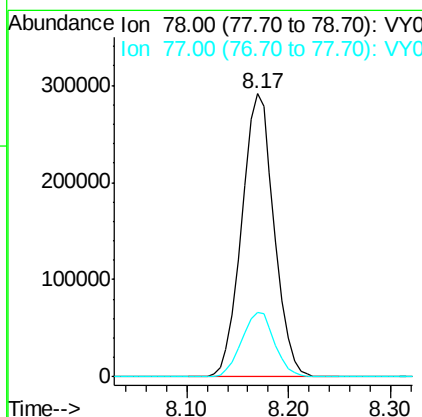
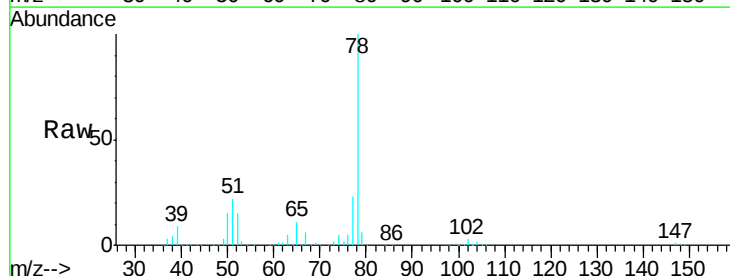
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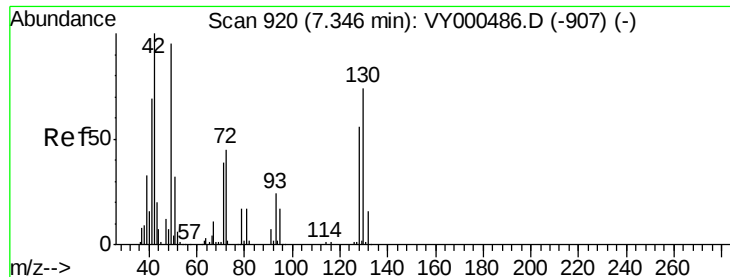
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#40
Benzene
Concen: 51.622 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	640596		
77	22.9		18.6	28.0





#41

Methacrylonitrile

Concen: 49.497 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 69390

Ion Ratio Lower Upper

41 100

39 119.8 68.2 102.4#

67 0.0 0.0 0.0

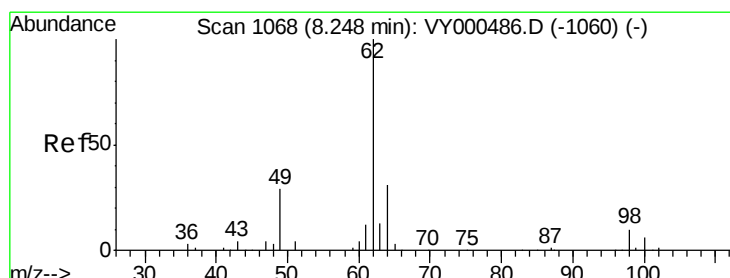
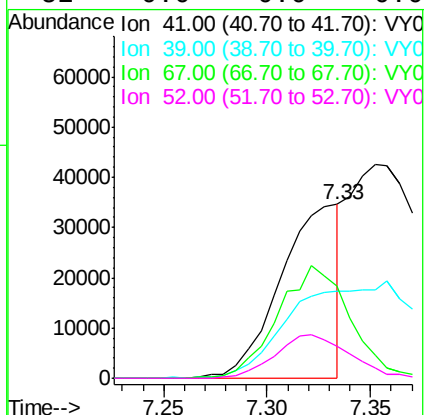
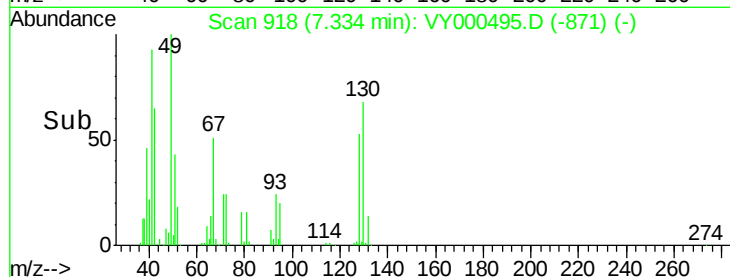
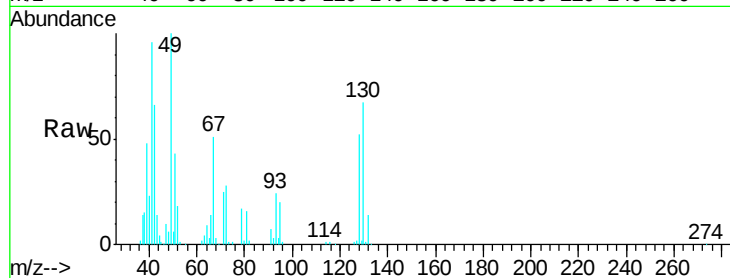
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 53.034 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000495.D

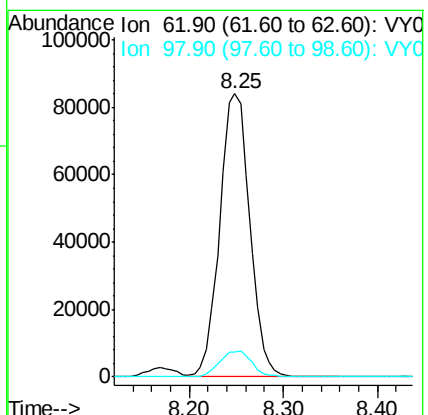
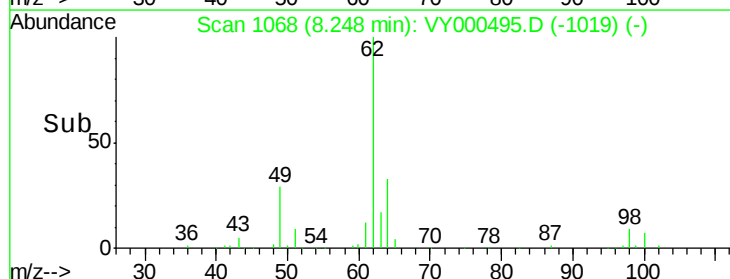
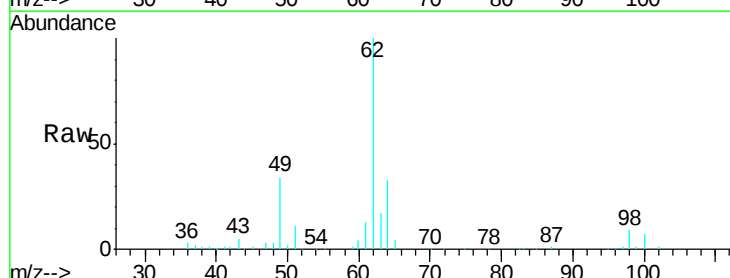
Acq: 30 Oct 2019 17:46

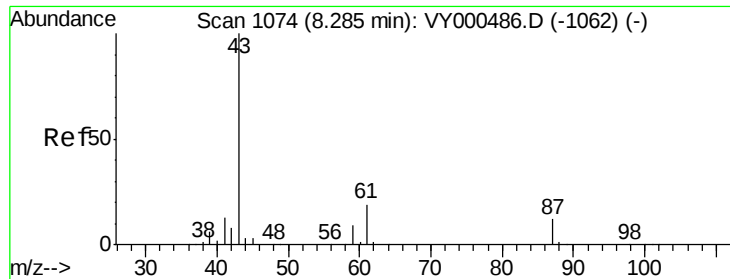
Tgt Ion: 62 Resp: 186660

Ion Ratio Lower Upper

62 100

98 9.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 53.679 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

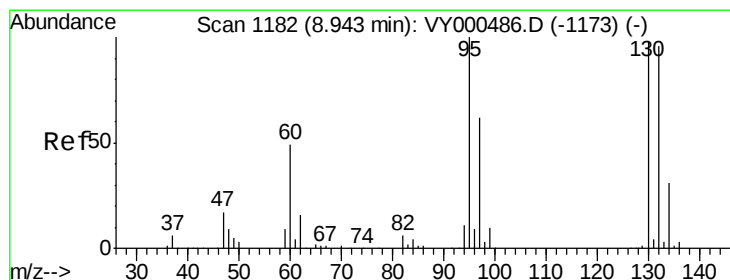
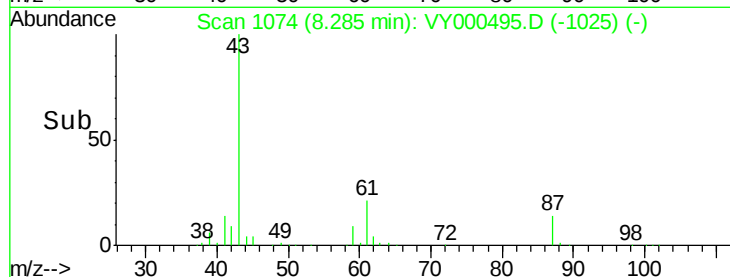
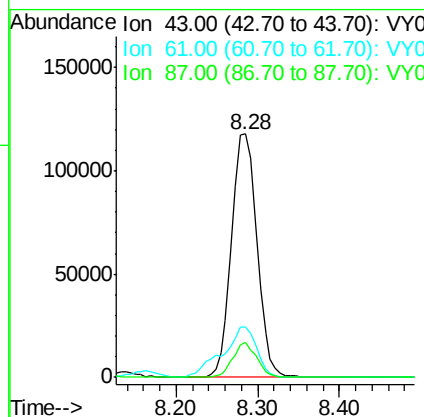
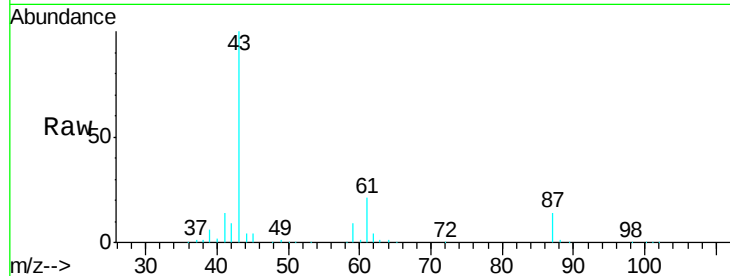
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	253399
Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.0	34.4
87	13.3	10.5	15.7

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#44

Trichloroethene

Concen: 50.240 ug/l

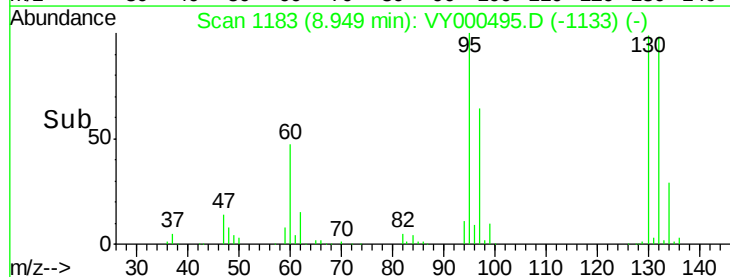
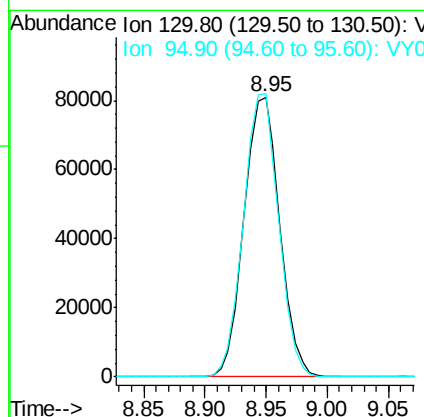
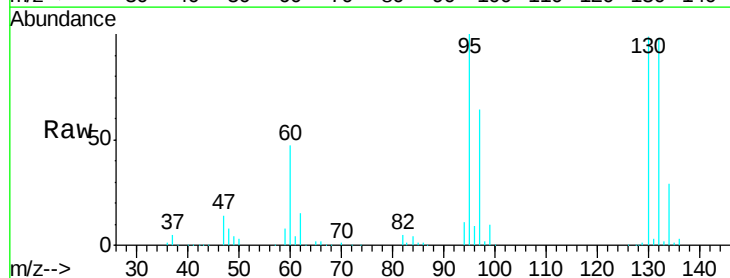
RT: 8.95 min Scan# 1183

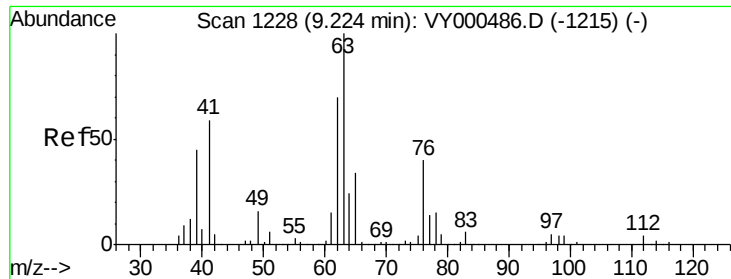
Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	130	Resp:	164381
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	203.2





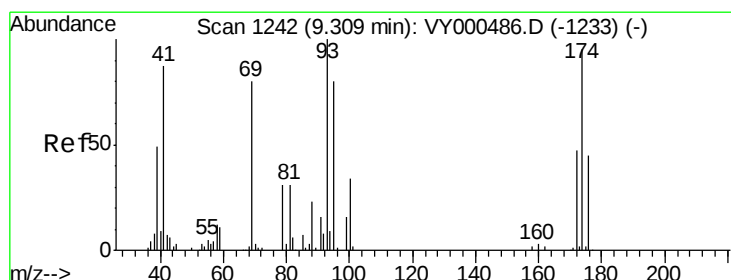
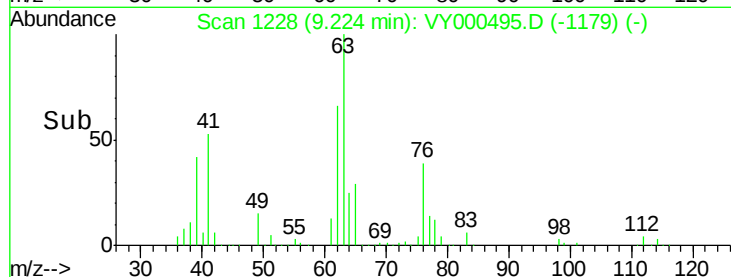
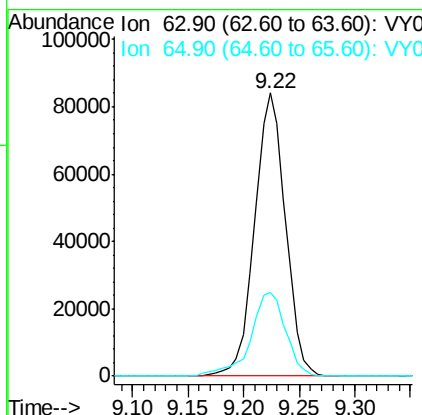
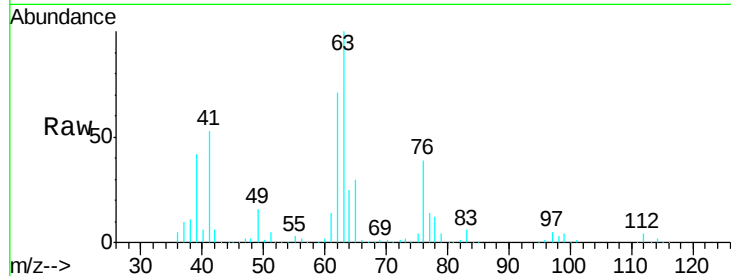
#45
 1,2-Dichloropropane
 Concen: 53.062 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 162061
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4

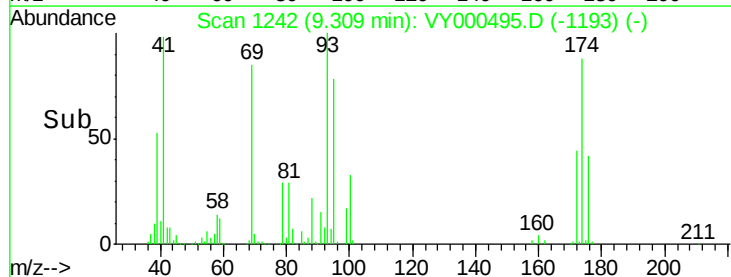
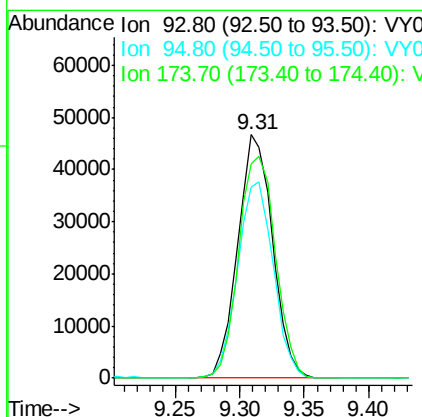
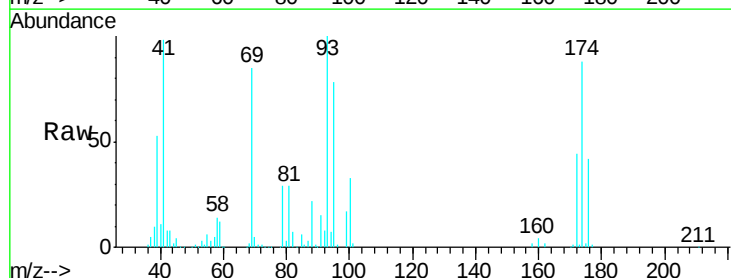
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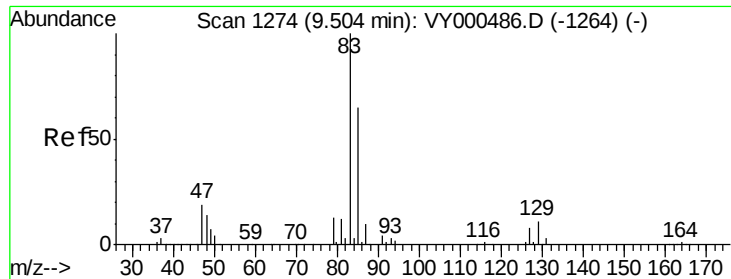
MMDadoda
 10/31/2019 11:31:57 AM



#46
 Dibromomethane
 Concen: 51.975 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 93 Resp: 87301
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 96.5 77.1 115.7





#47

Bromodichloromethane

Concen: 53.219 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

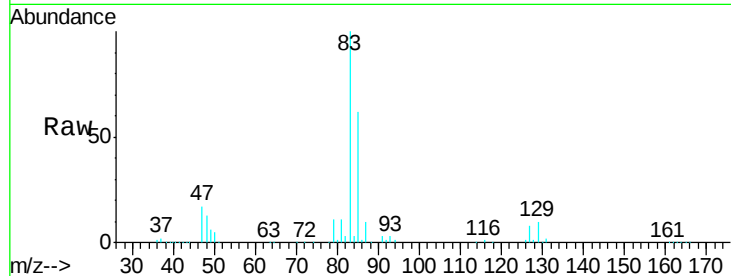
ClientSampleId :

VSTDCCC050EC

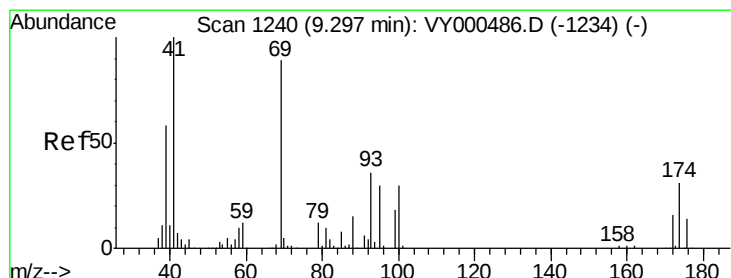
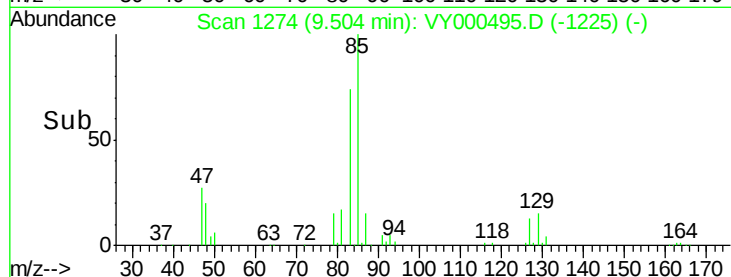
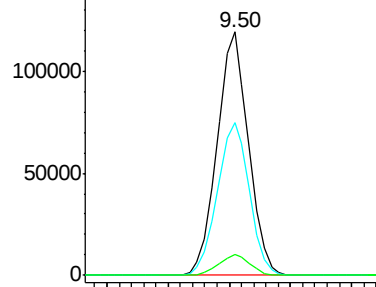
Tgt Ion:	83	Resp:	212108
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.8	77.8
127	8.3	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.931 ug/l

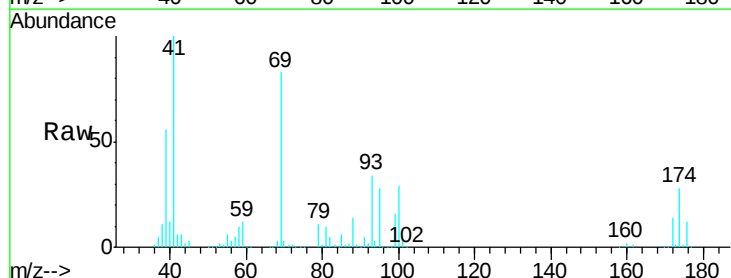
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

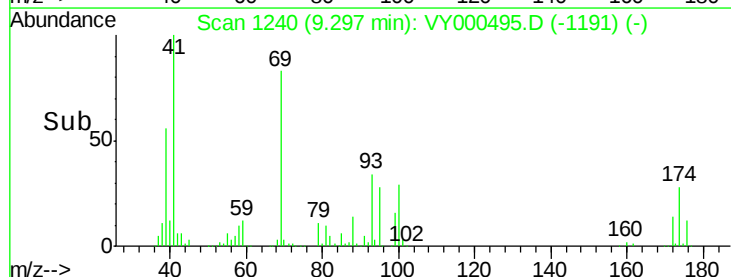
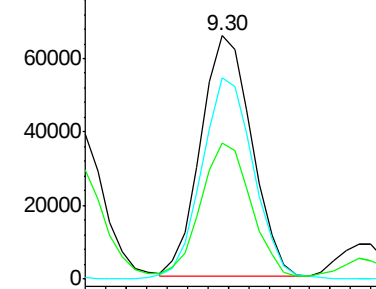
Lab File: VY000495.D

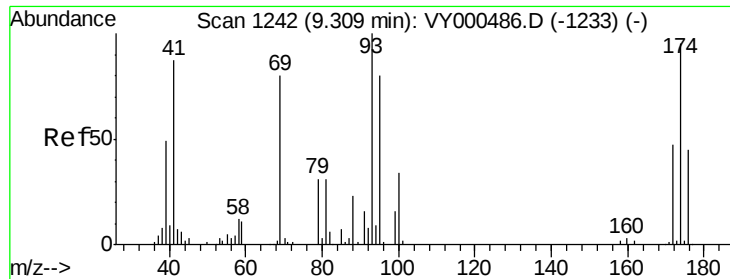
Acq: 30 Oct 2019 17:46

Tgt Ion:	41	Resp:	113300
Ion Ratio	Lower	Upper	
41	100		
69	85.4	72.5	108.7
39	57.6	47.8	71.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





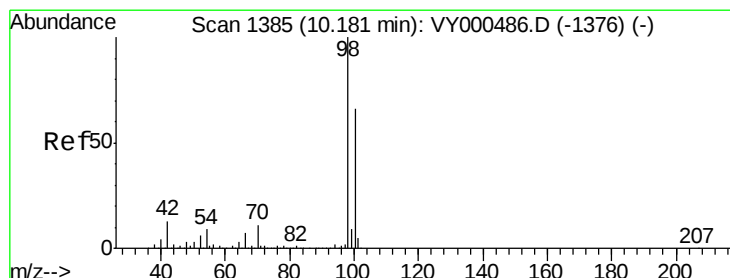
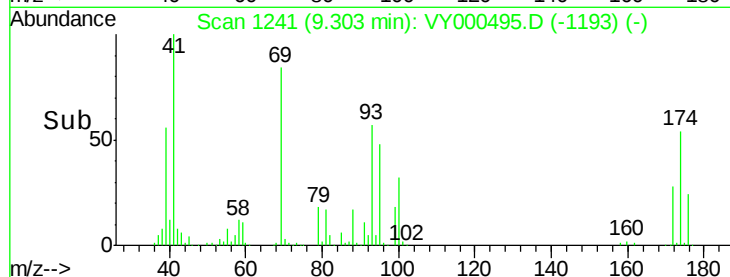
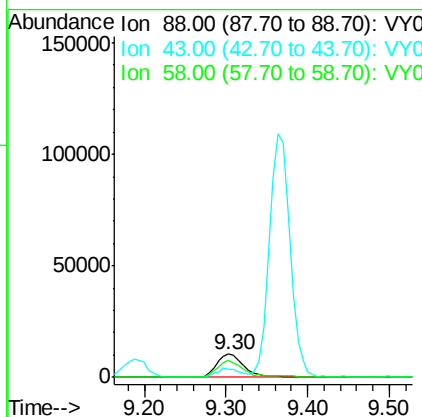
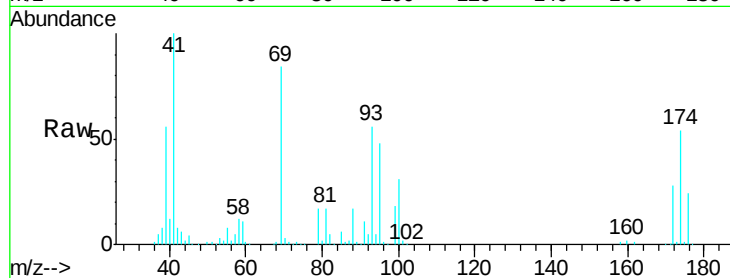
#49
 1,4-Dioxane
 Concen: 1101.784 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.1	37.7
58	66.9	50.6	75.8

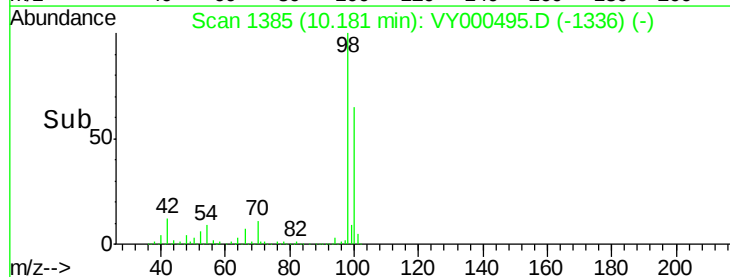
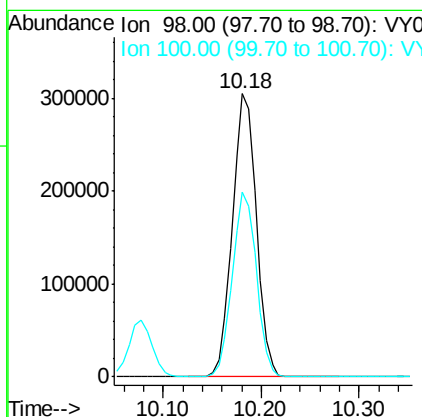
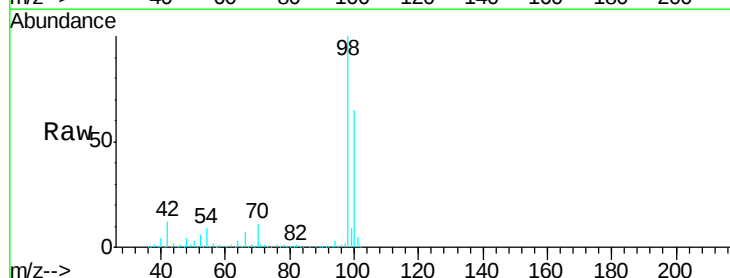
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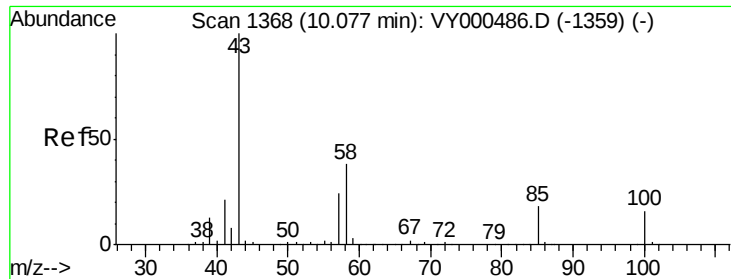
MMDadoda
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#50
 Toluene-d8
 Concen: 51.980 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





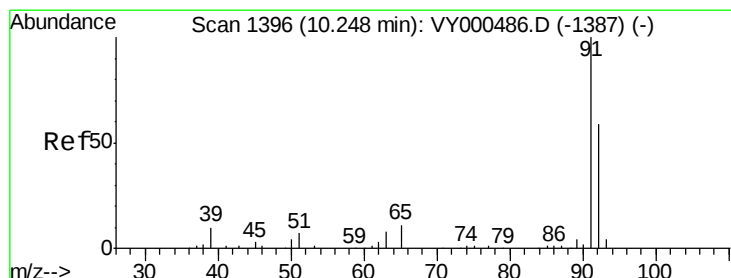
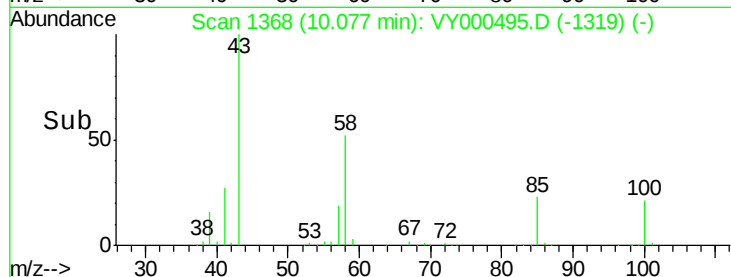
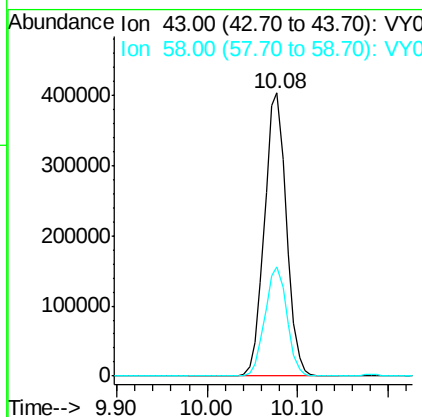
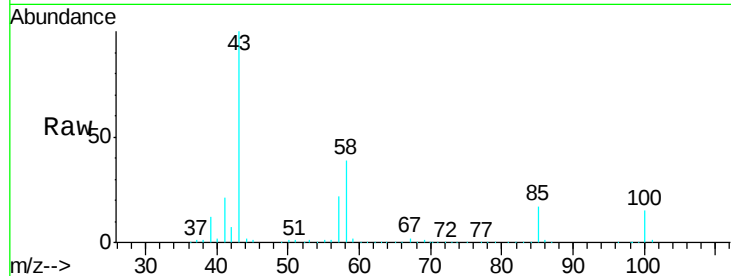
#51
4-Methyl-2-Pentanone
Concen: 268.994 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 675138
Ion Ratio Lower Upper
43 100
58 38.8 30.2 45.4

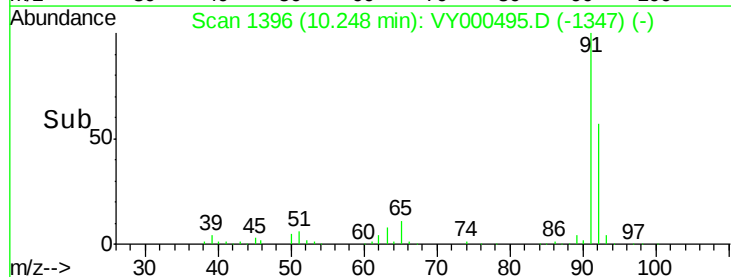
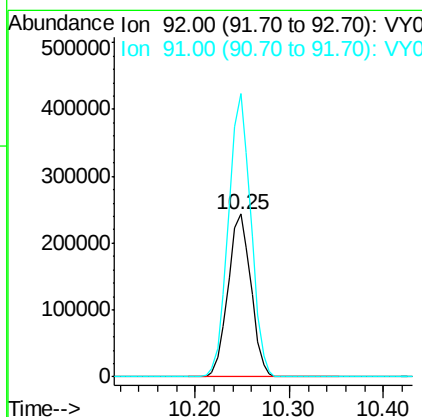
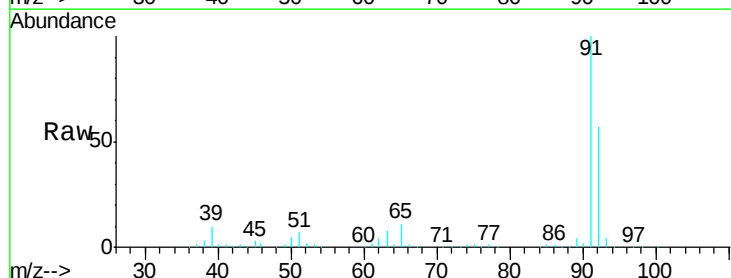
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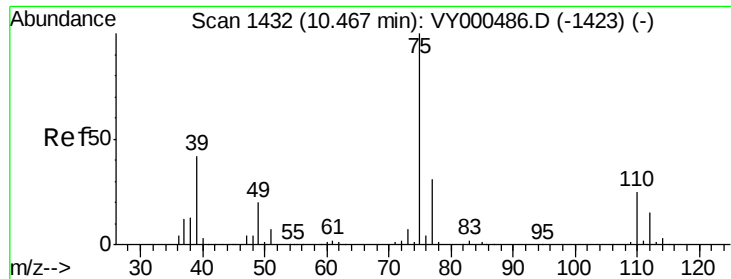
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#52
Toluene
Concen: 52.412 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 92 Resp: 411202
Ion Ratio Lower Upper
92 100
91 170.6 136.3 204.5





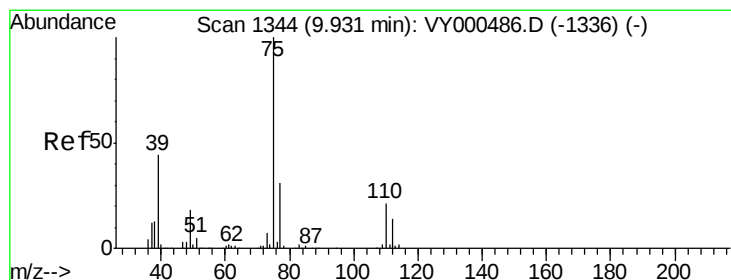
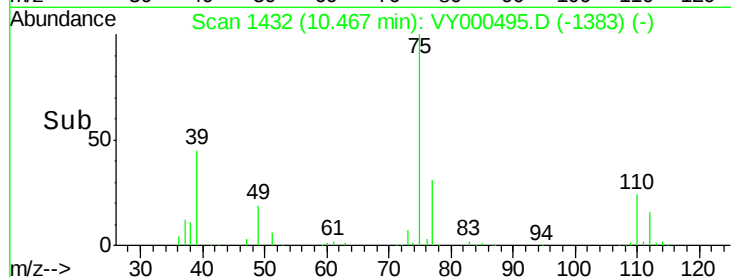
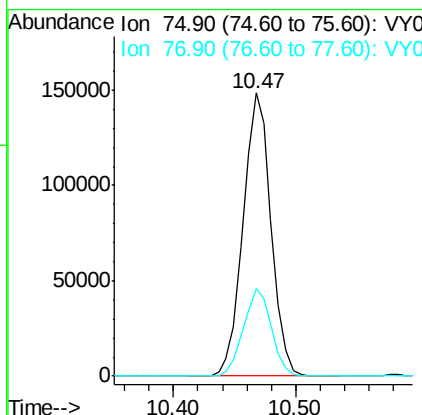
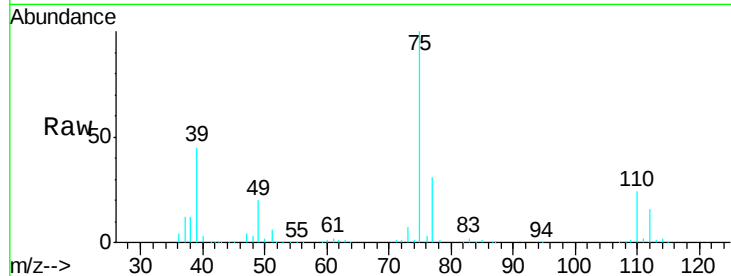
#53
t-1,3-Dichloropropene
Concen: 55.043 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 234402
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0

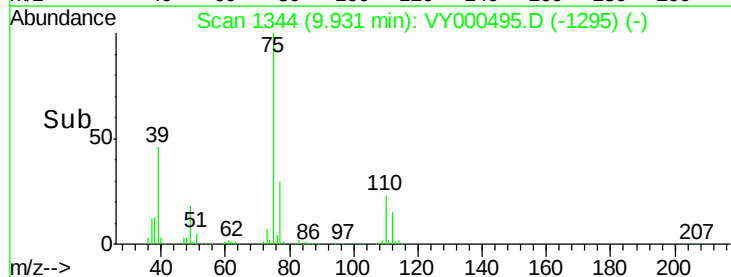
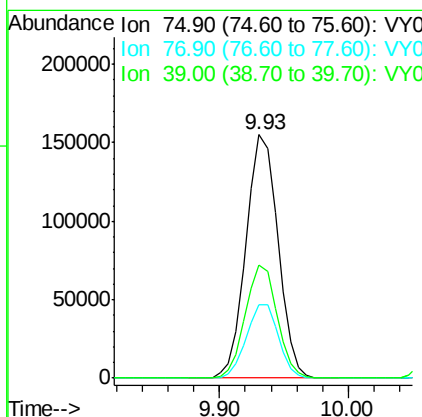
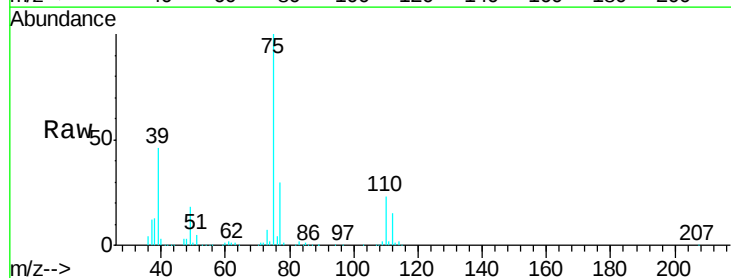
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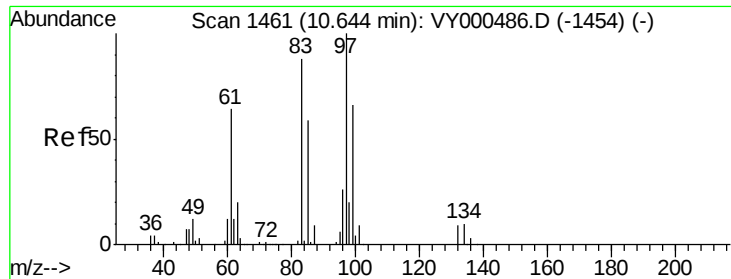
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#54
cis-1,3-Dichloropropene
Concen: 54.632 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 75 Resp: 266529
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7
39 46.2 35.4 53.2





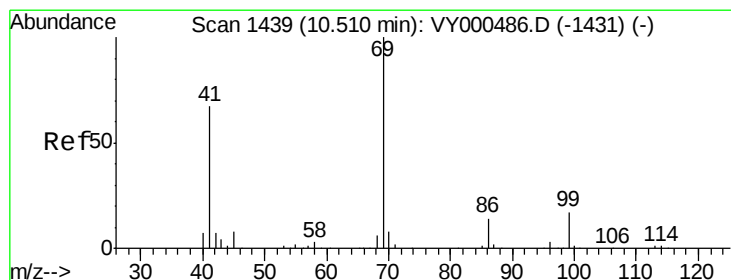
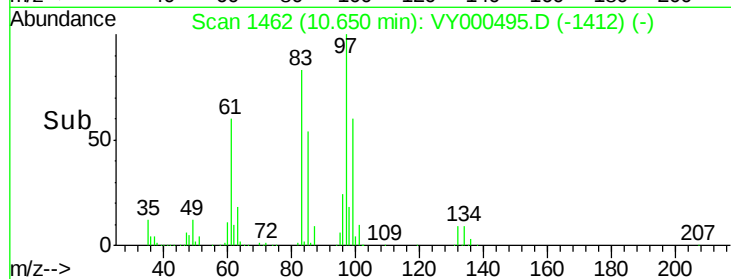
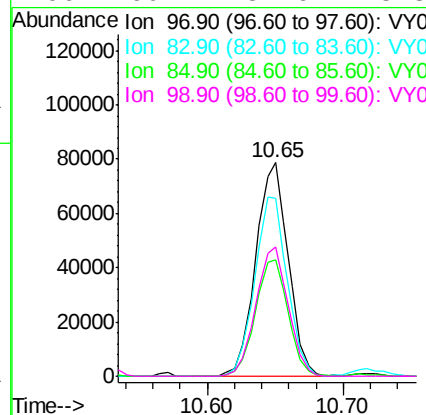
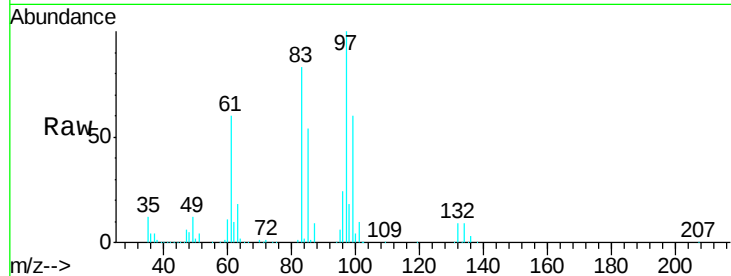
#55
 1,1,2-Trichloroethane
 Concen: 54.243 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	131781		
83	83.4	70.2	105.4	
85	54.3	46.9	70.3	
99	60.4	52.6	78.8	

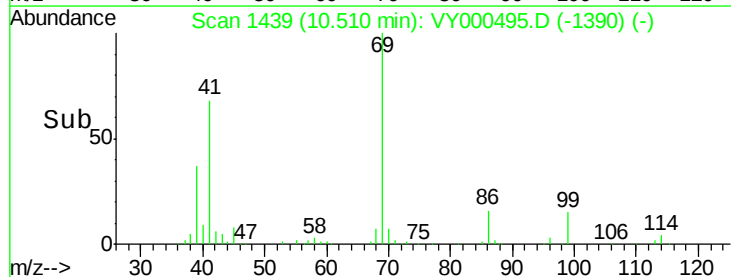
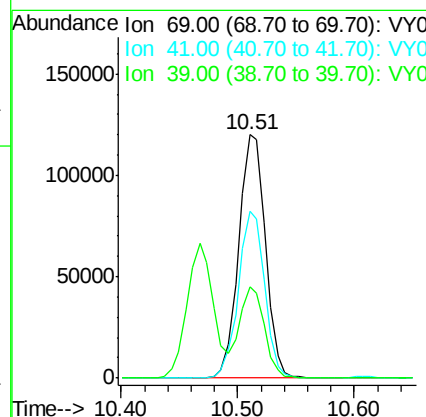
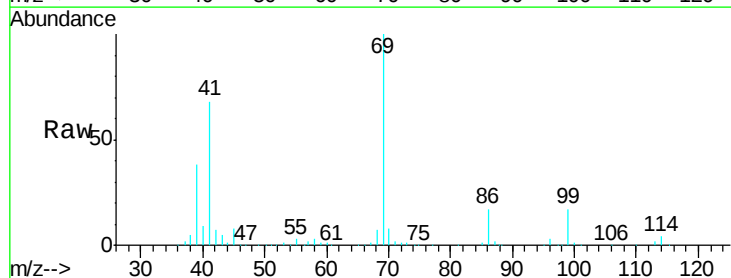
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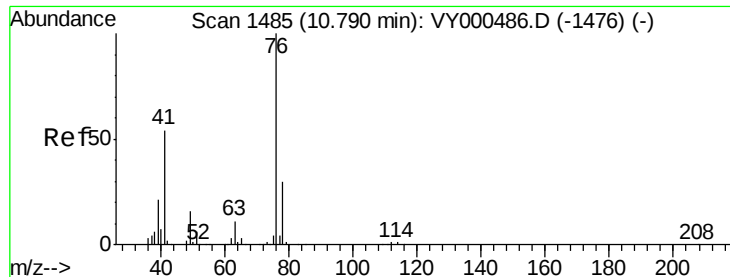
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#56
 Ethyl methacrylate
 Concen: 55.807 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	192164		
41	66.7	53.3	79.9	
39	34.6	28.0	42.0	





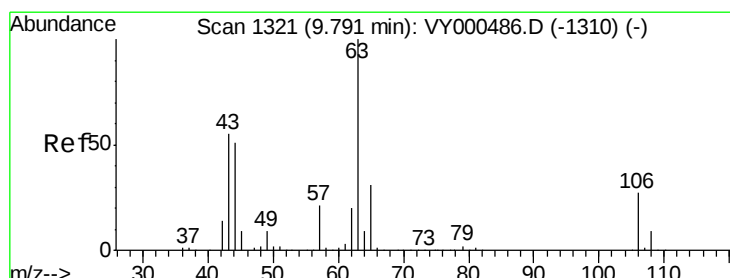
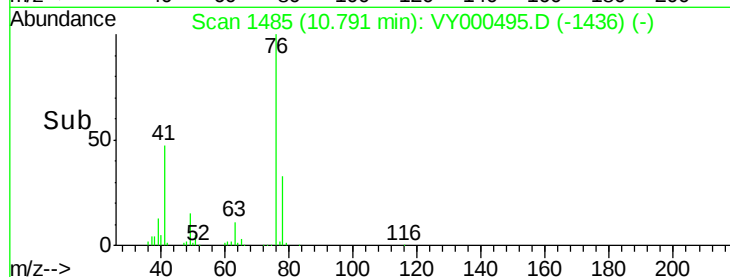
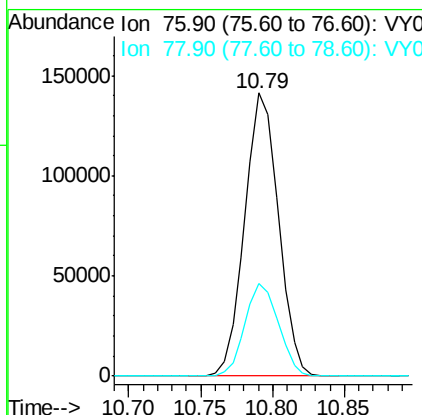
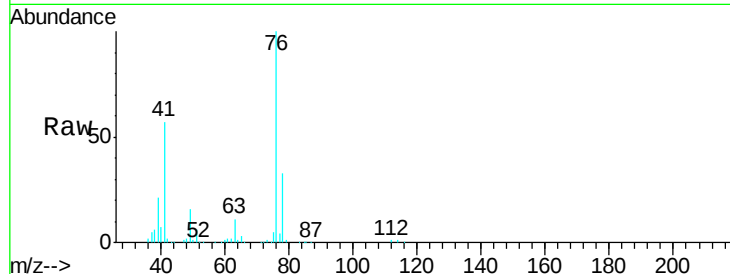
#57
 1,3-Dichloropropane
 Concen: 53.879 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 229099
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

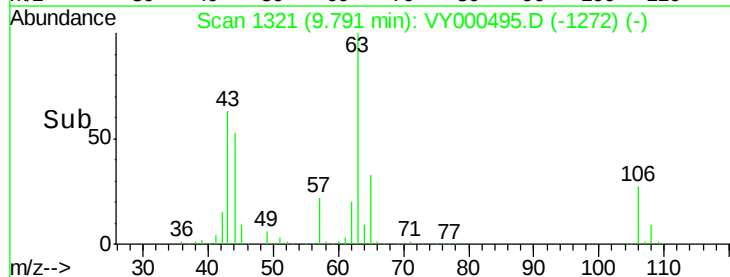
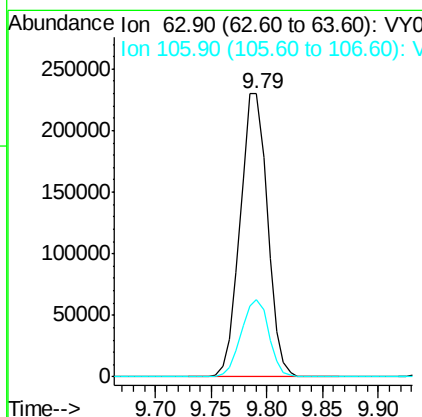
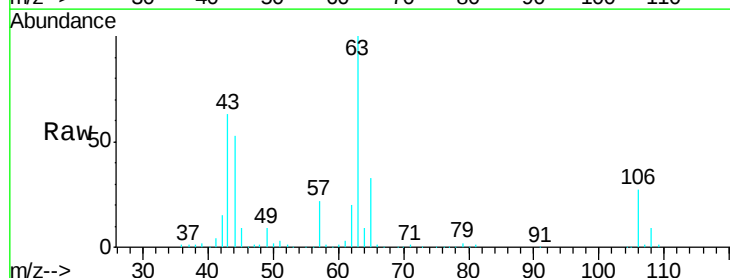
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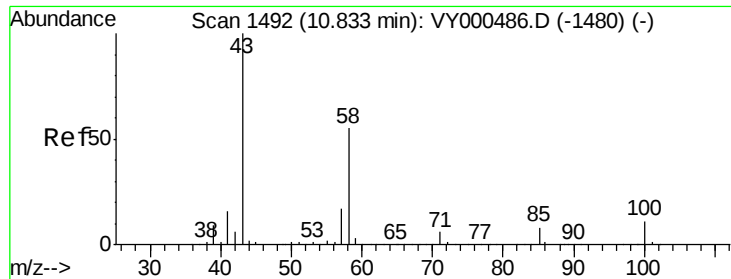
MMDadoda
 10/31/2019 11:31:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.450 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 63 Resp: 392990
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.6 33.8





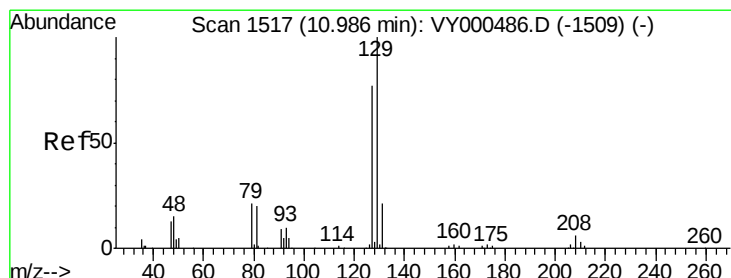
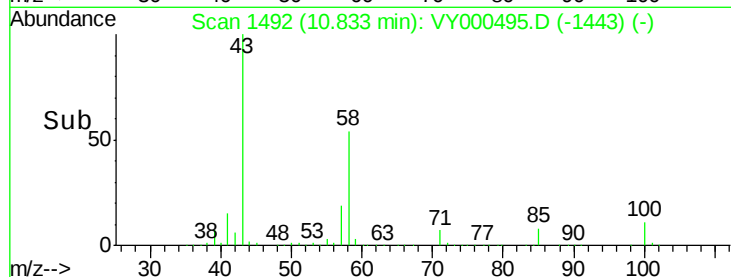
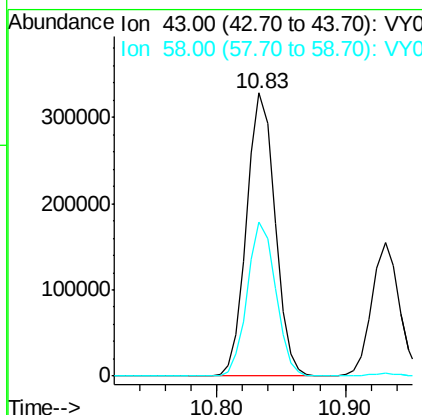
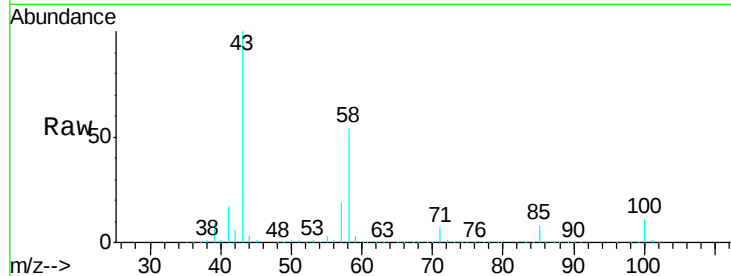
#59
2-Hexanone
Concen: 273.515 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 500168
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3

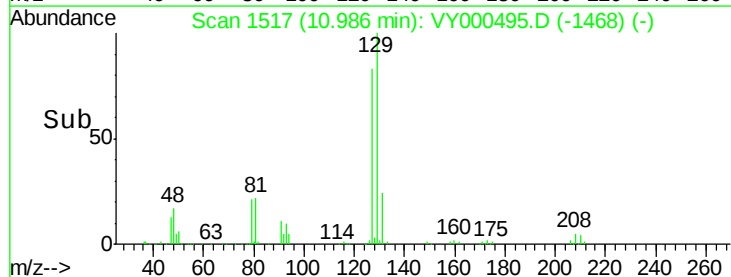
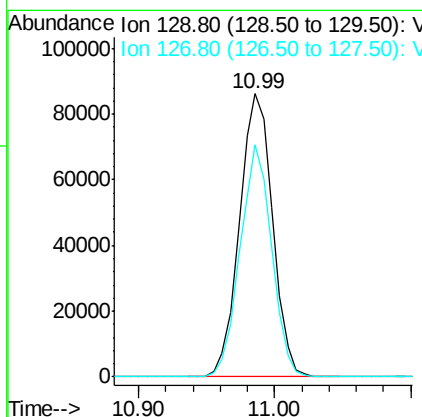
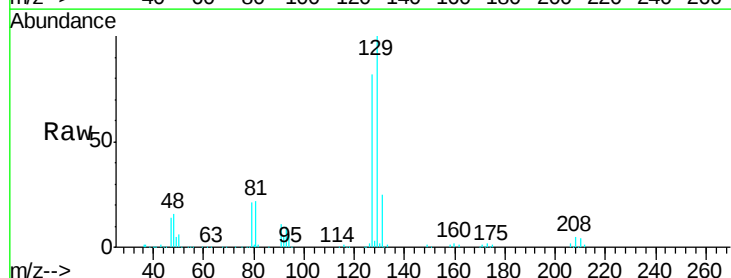
Manual Integrations
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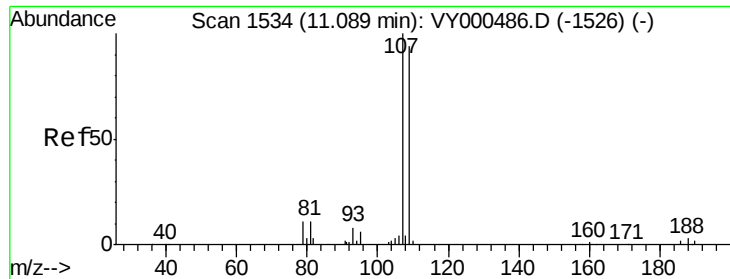
MMDadoda
10/31/2019 11:31:57 AM



#60
Dibromochloromethane
Concen: 52.520 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 129 Resp: 146151
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





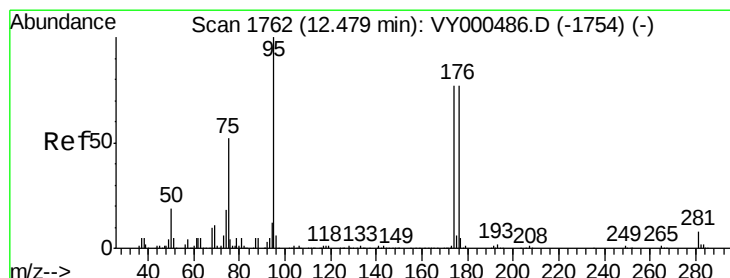
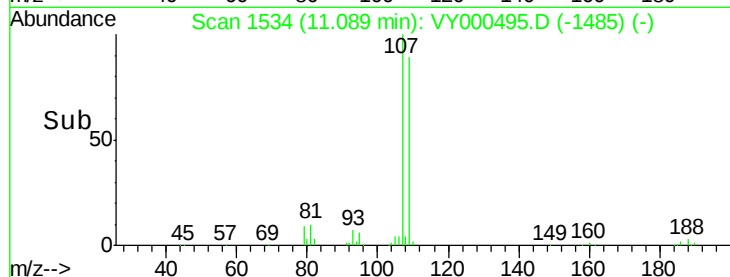
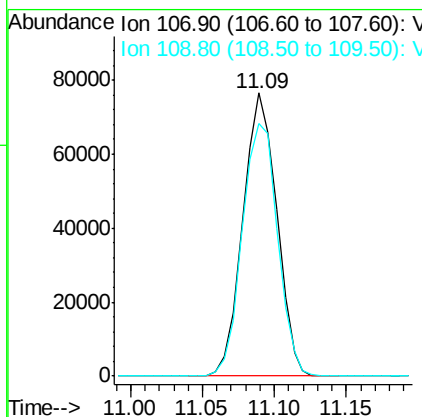
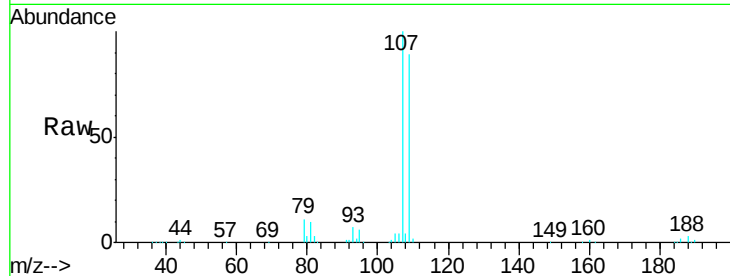
#61
 1,2-Dibromoethane
 Concen: 53.398 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 124733
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.6 110.4

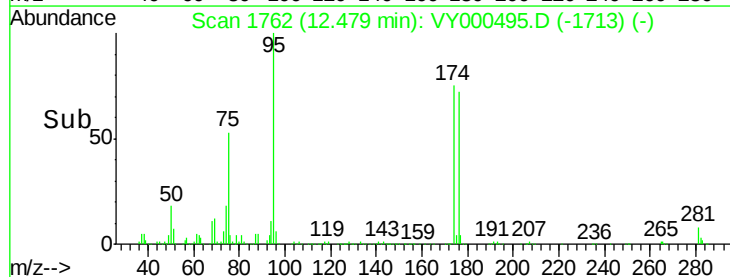
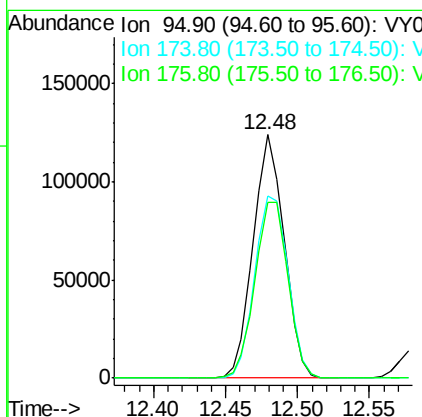
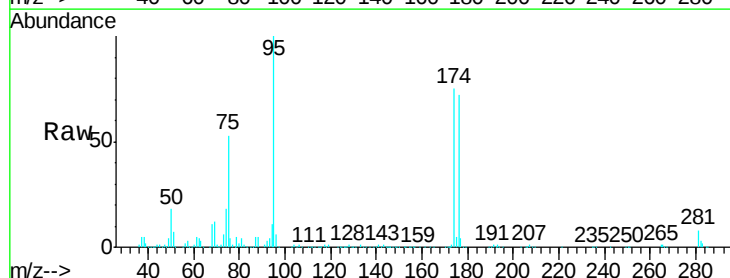
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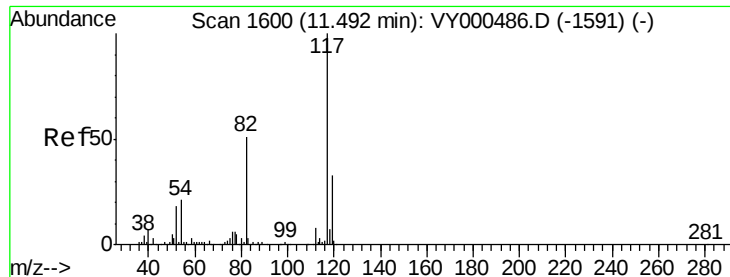
MMDadoda
 10/31/2019 11:31:57 AM



#62
 4-Bromofluorobenzene
 Concen: 48.701 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 95 Resp: 184917
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 161.6
 176 76.9 0.0 157.8





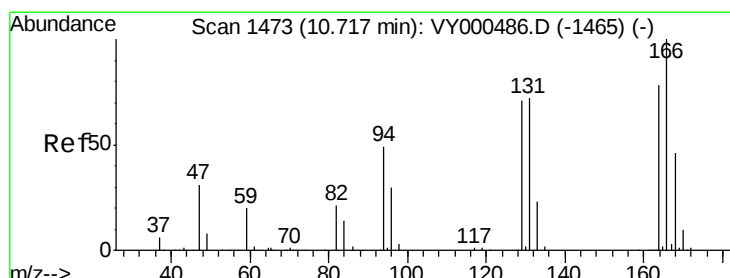
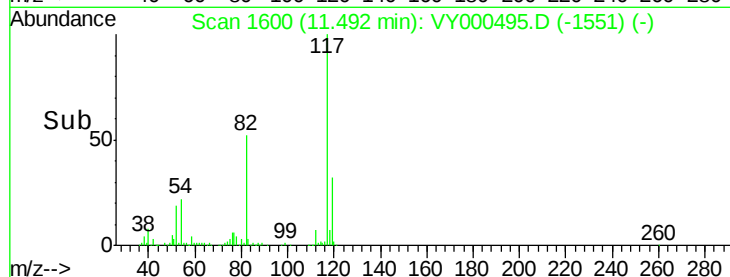
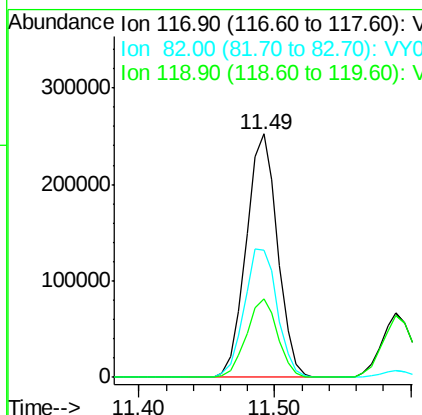
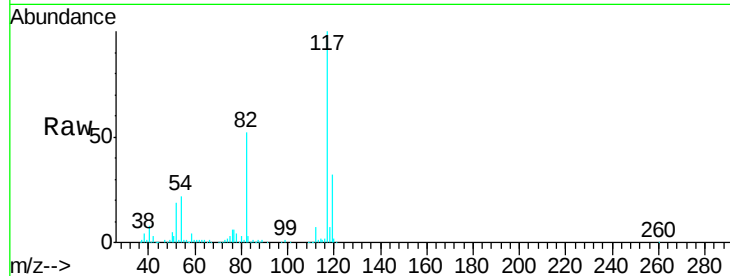
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	407220		
82	52.4	40.8	61.2	
119	32.3	26.2	39.2	

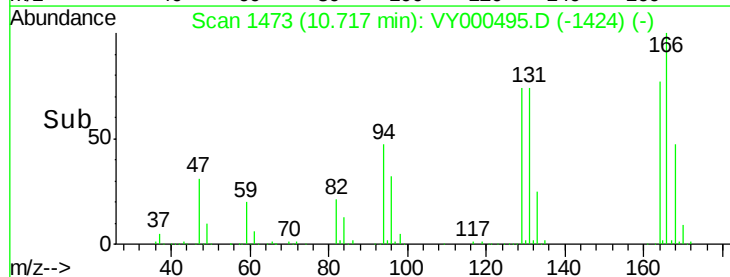
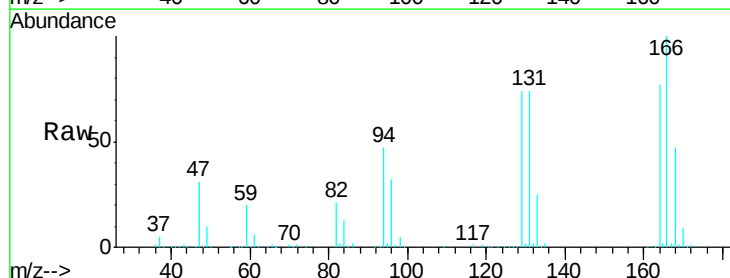
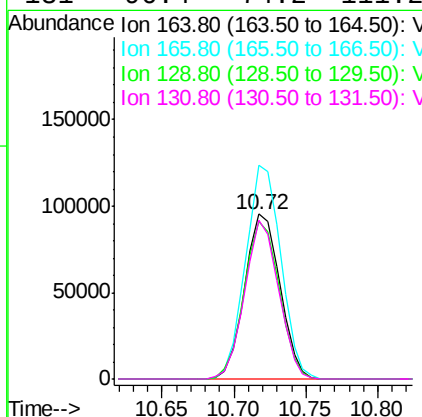
Manual Integrations
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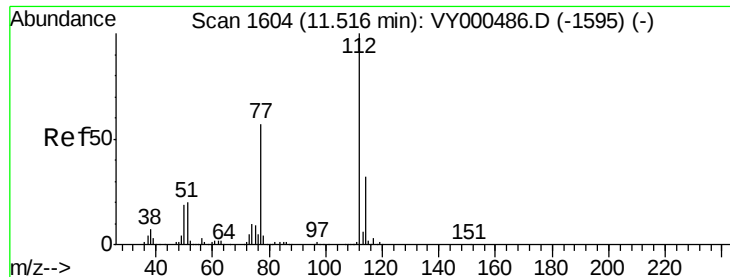
MMDadoda
10/31/2019 11:31:57 AM



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162222		
166	129.5	102.7	154.1	
129	95.9	73.2	109.8	
131	96.4	74.2	111.2	





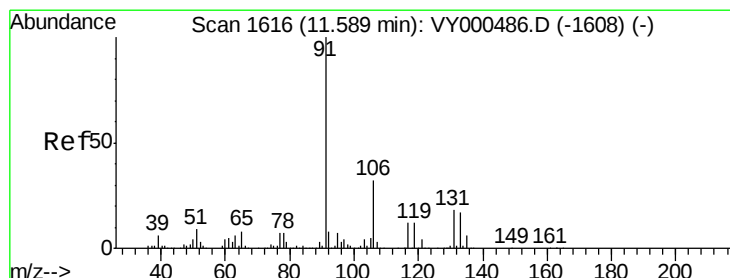
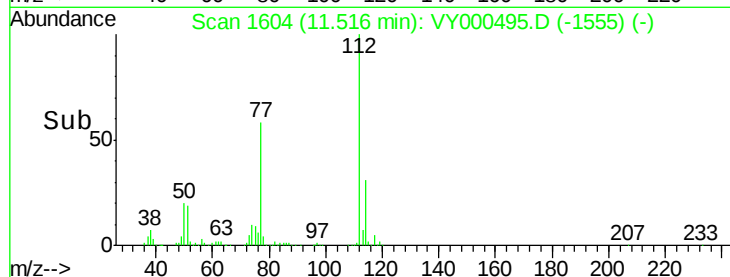
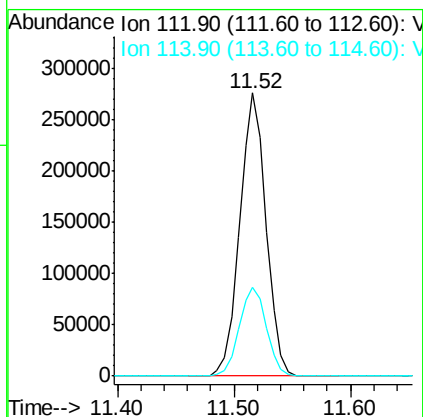
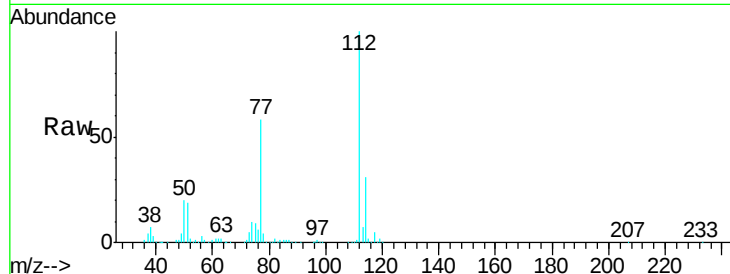
#65
Chlorobenzene
Concen: 52.400 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 432630
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

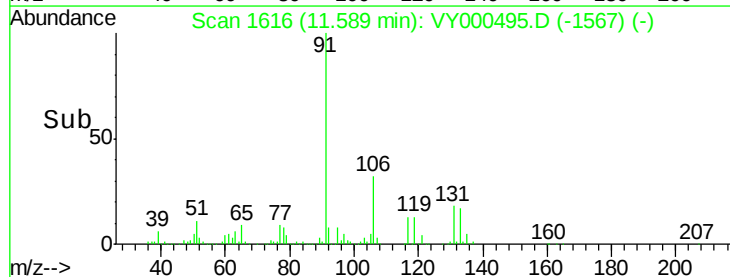
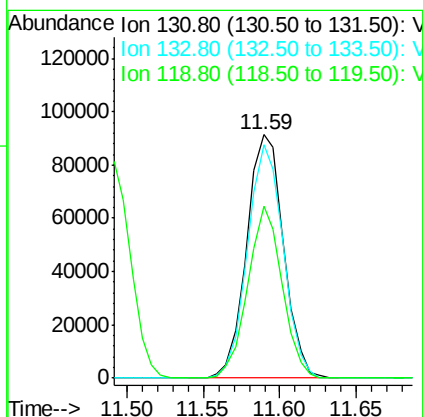
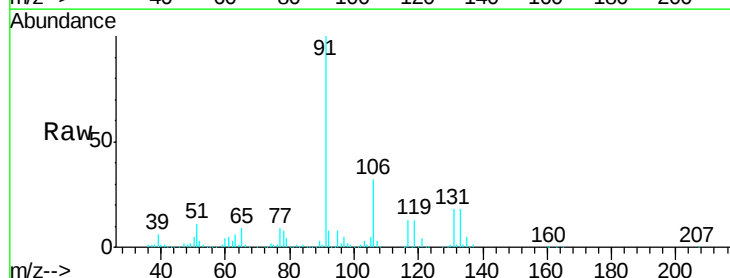
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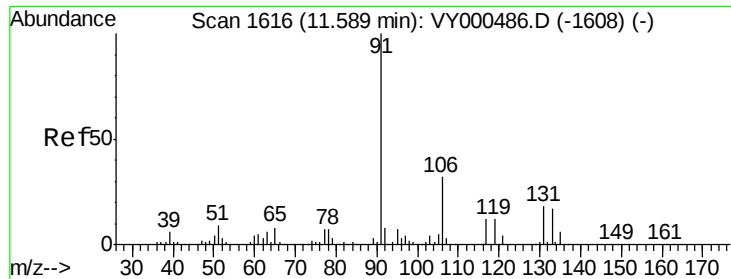
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.363 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:131 Resp: 152799
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 66.0 33.1 99.3





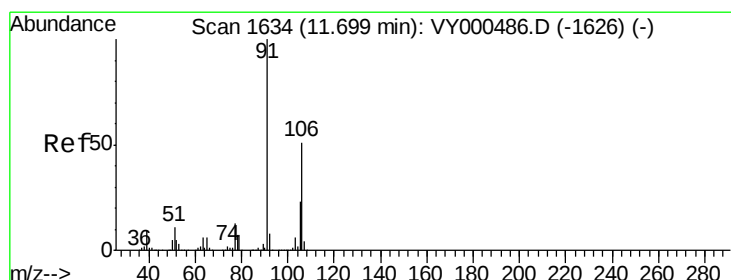
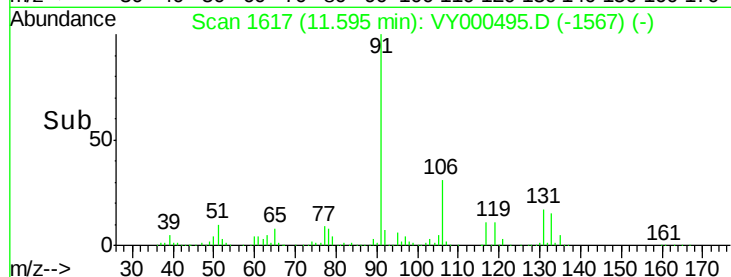
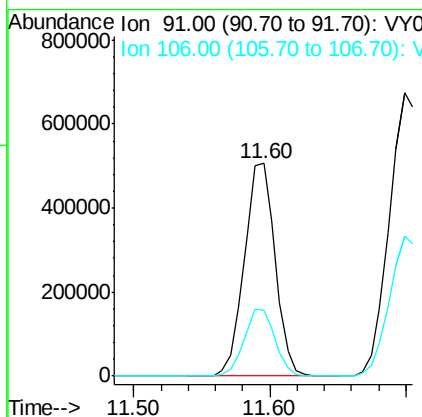
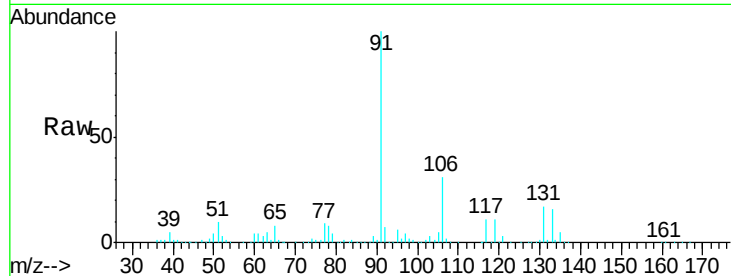
#67
Ethyl Benzene
Concen: 52.802 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 802330
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

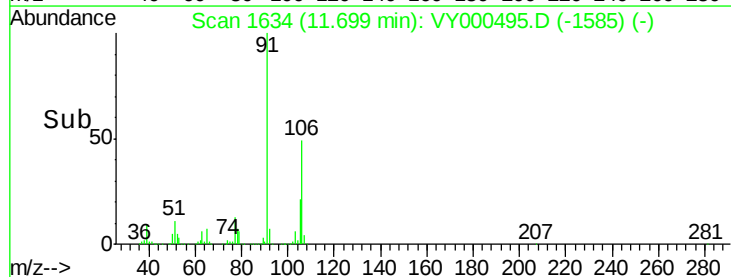
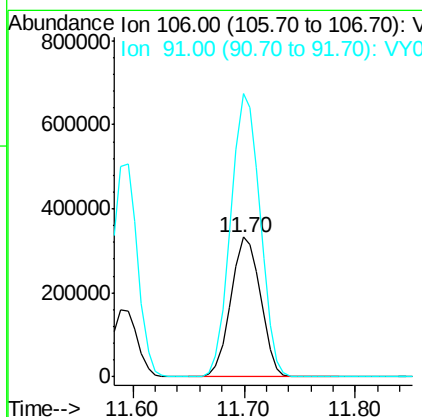
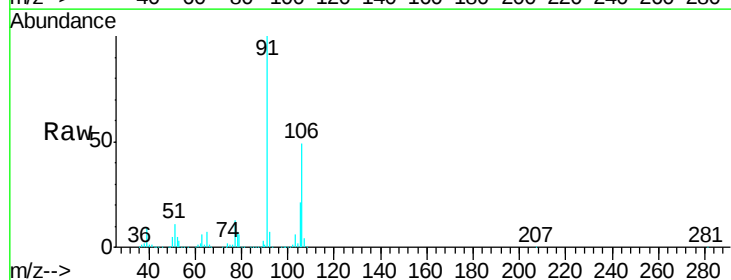
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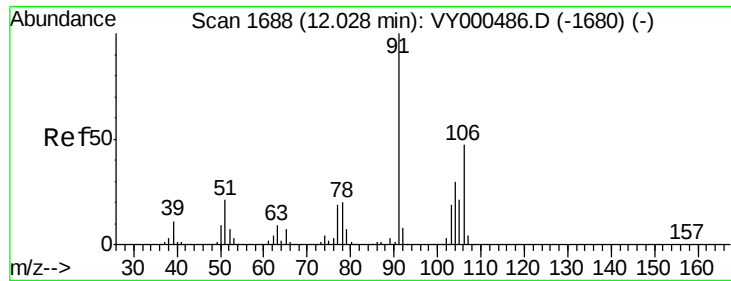
MMDadoda
10/31/2019 11:31:57 AM



#68
m/p-Xylenes
Concen: 104.104 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 106 Resp: 612253
Ion Ratio Lower Upper
106 100
91 201.6 155.9 233.9





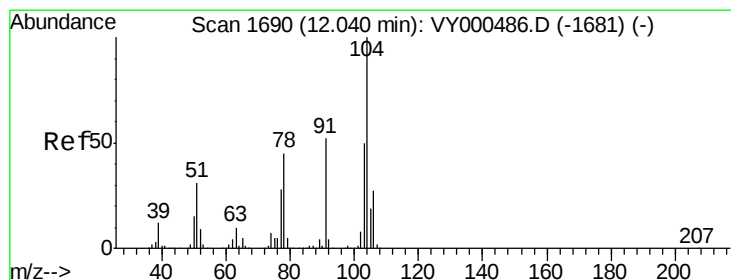
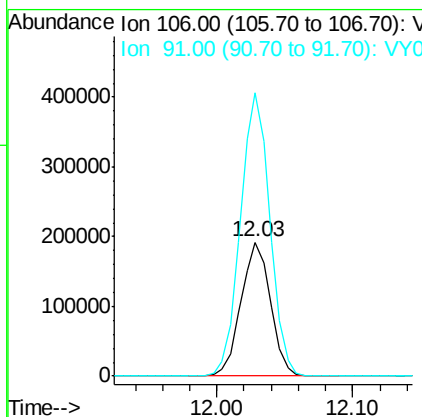
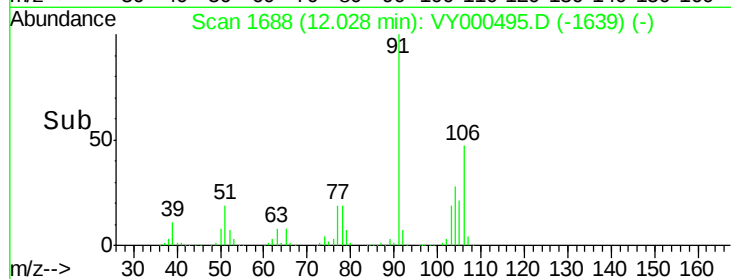
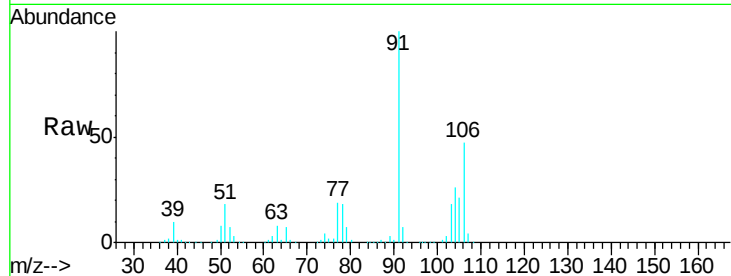
#69
o-Xylene
Concen: 52.366 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 289441
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.6

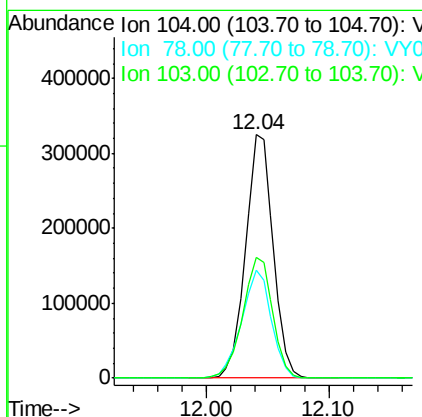
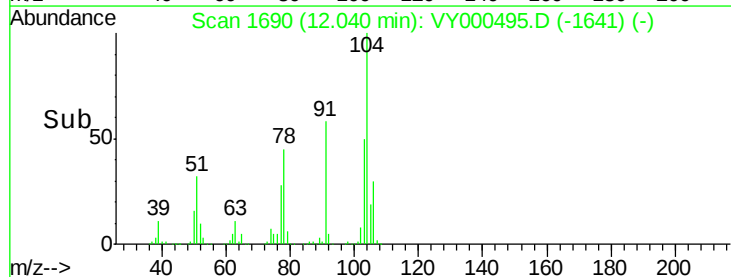
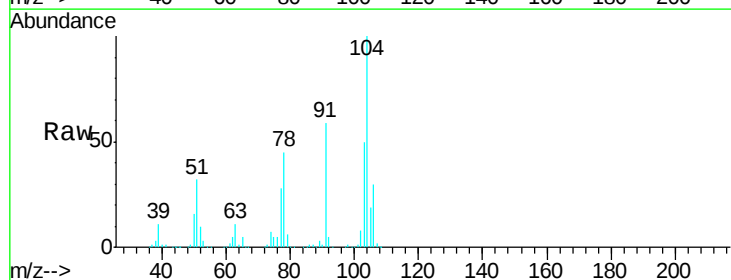
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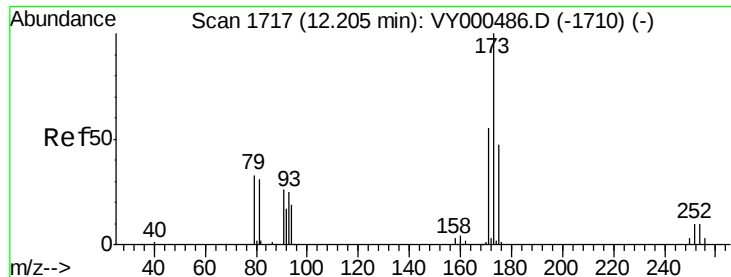
MMDadoda
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#70
Styrene
Concen: 53.717 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:104 Resp: 508415
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.6 42.5 63.7





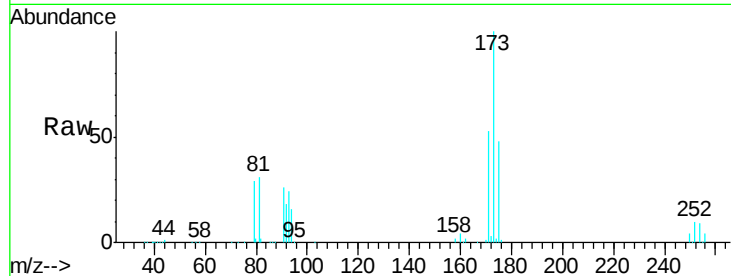
#71
Bromoform
Concen: 54.815 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

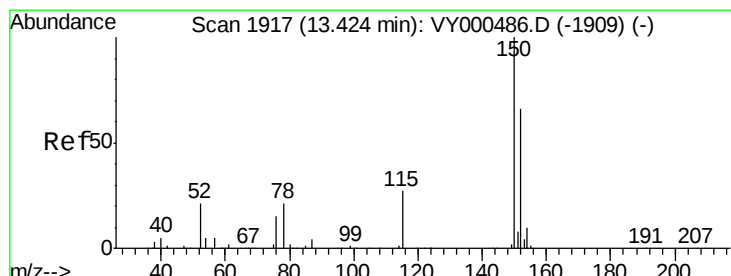
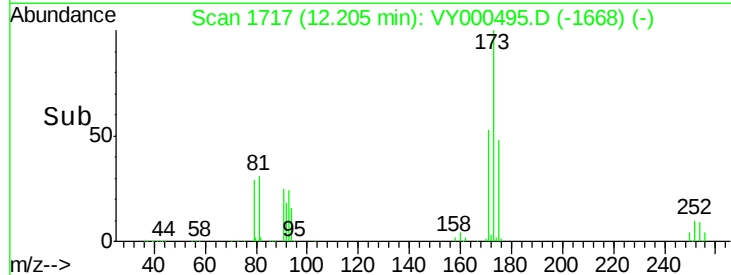
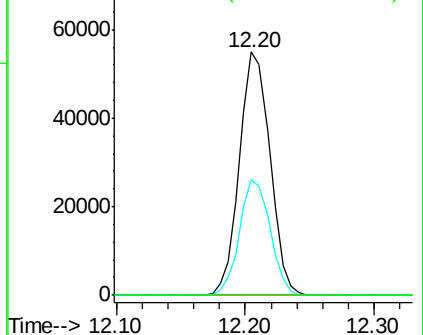
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.2
254	0.1	0.1	0.1#

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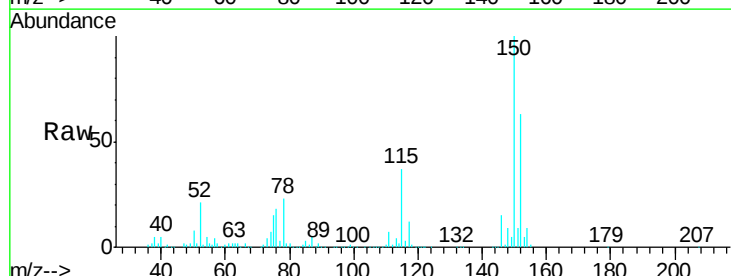


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

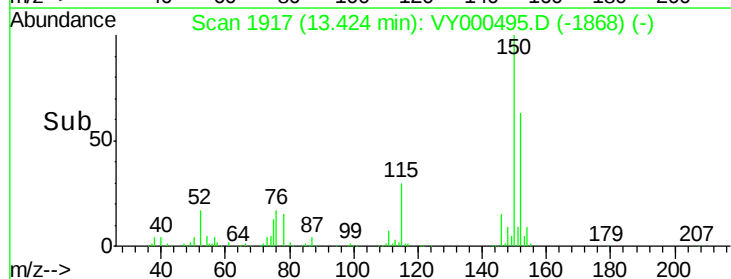
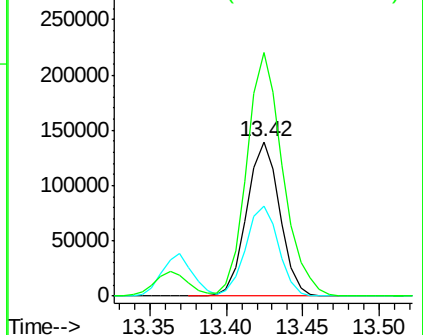


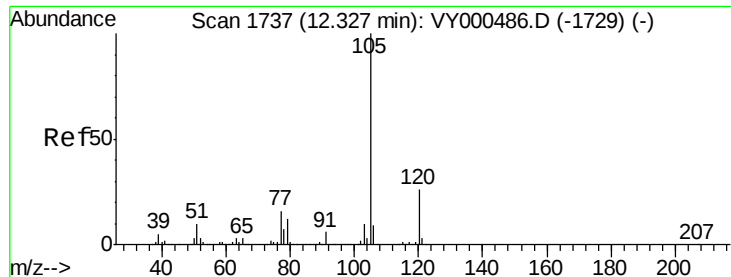
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.4
150	172.0	0.0	348.8



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: 50.720 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 784693

Ion Ratio Lower Upper

105 100

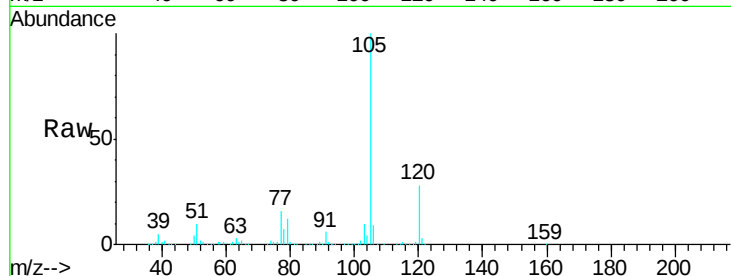
120 27.1 13.5 40.4

Manual Integrations

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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

500000

400000

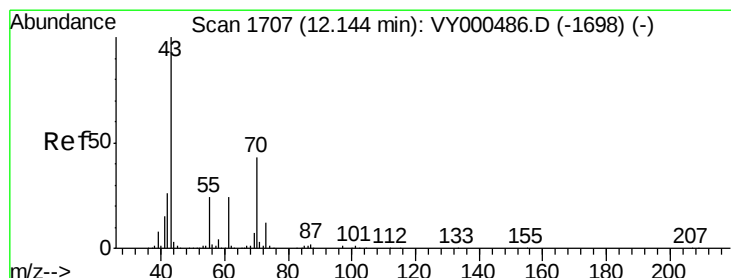
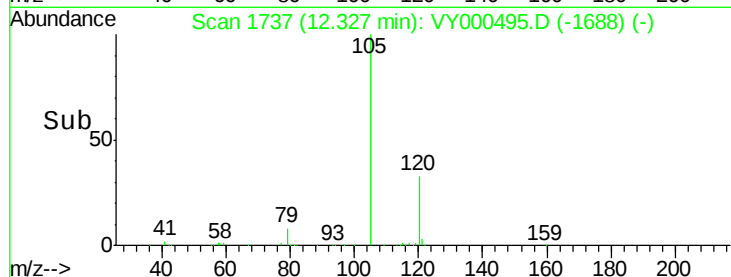
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.485 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion: 43 Resp: 241413

Ion Ratio Lower Upper

43 100

70 42.6 33.1 49.7

55 22.7 18.0 27.0

61 24.7 19.1 28.7

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

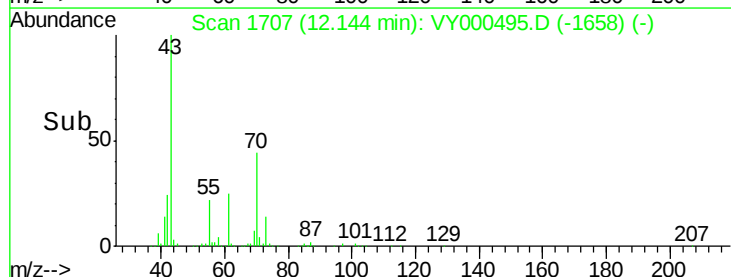
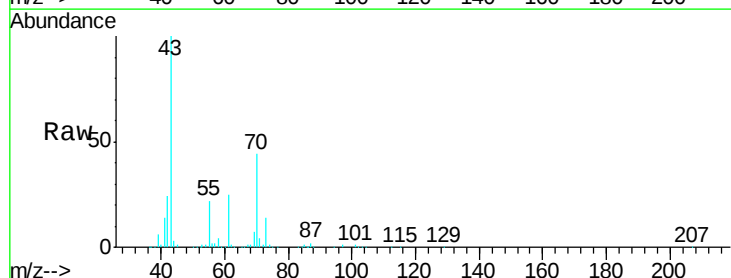
150000

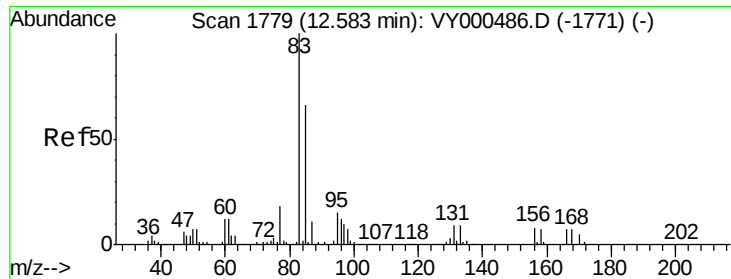
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.625 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

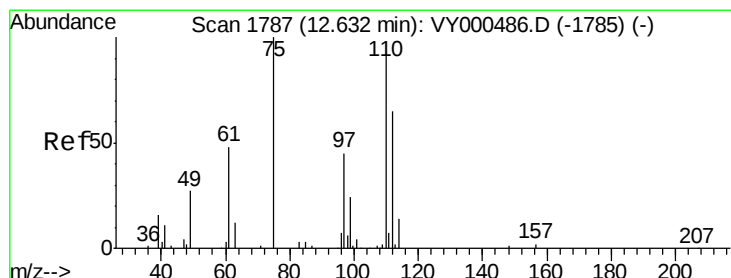
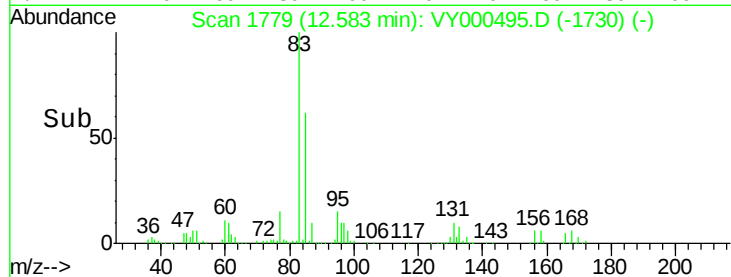
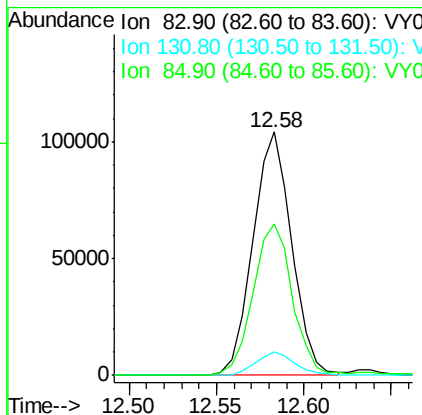
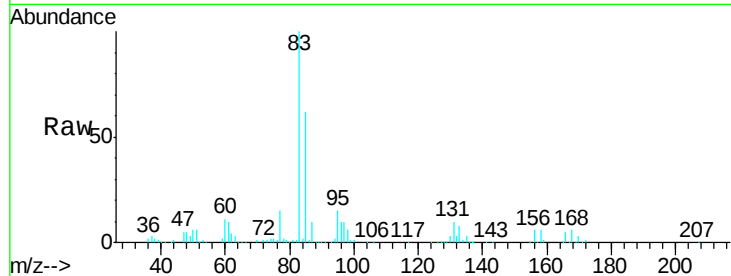
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	161205
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.4	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 38.234 ug/l m

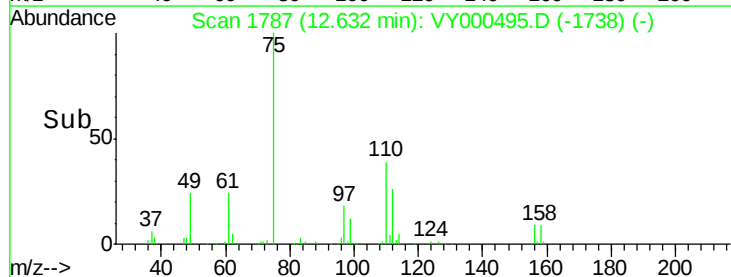
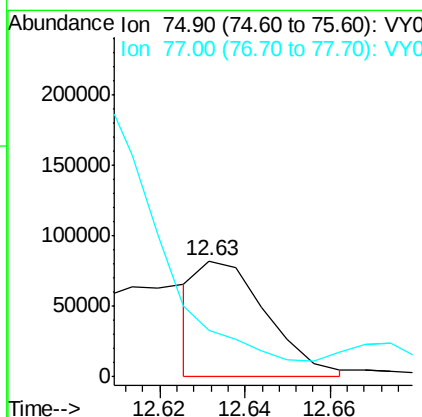
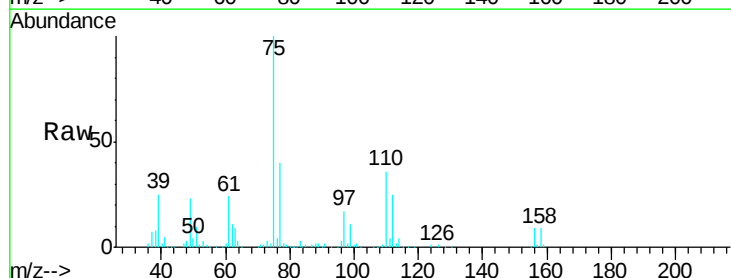
RT: 12.63 min Scan# 1787

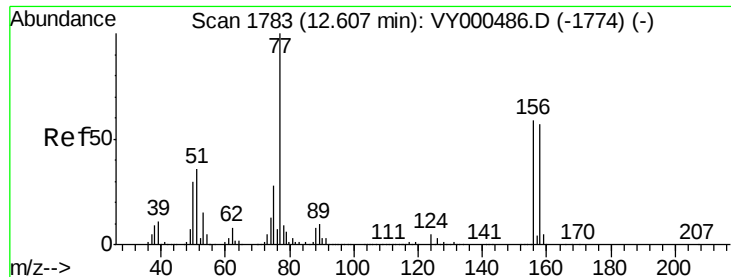
Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	75	Resp:	91130
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.854 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

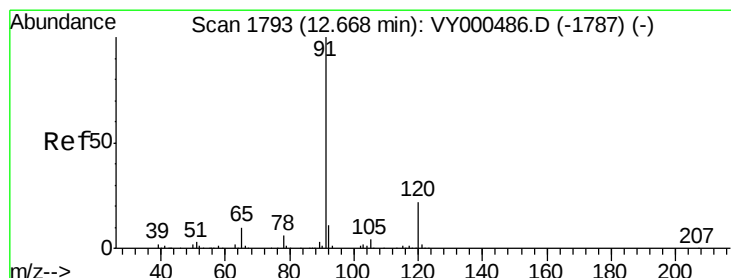
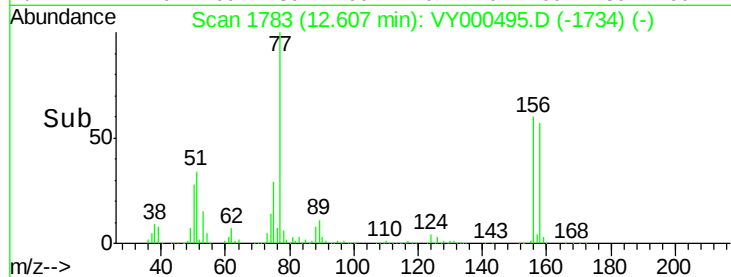
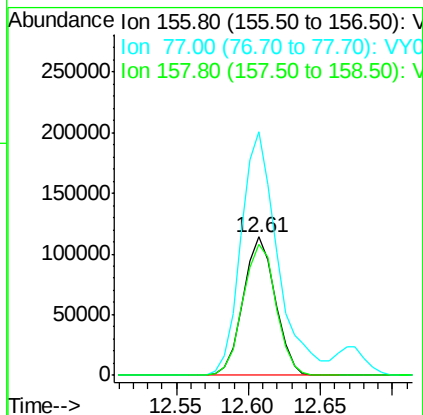
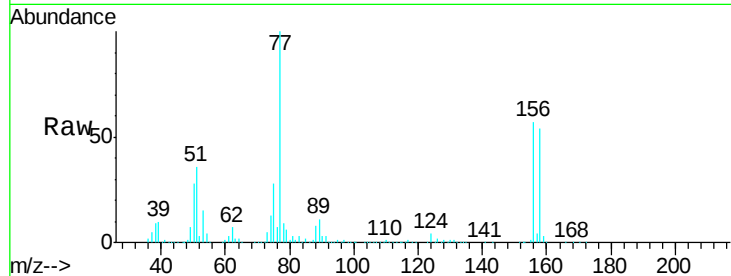
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	203.9	98.2	294.4
158	97.4	49.6	149.0

Manual Integrations
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#78

n-propylbenzene

Concen: 50.967 ug/l

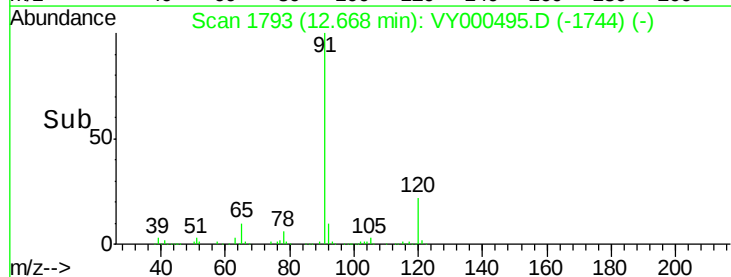
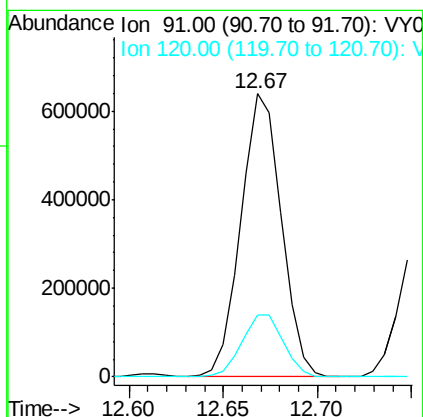
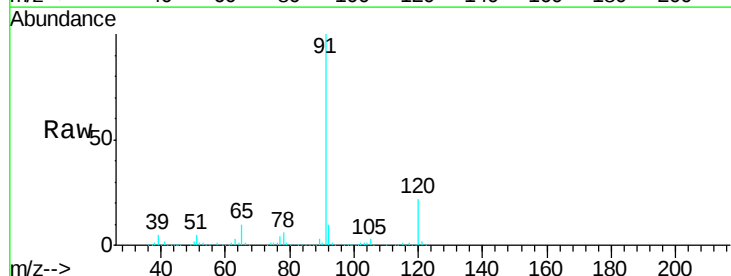
RT: 12.67 min Scan# 1793

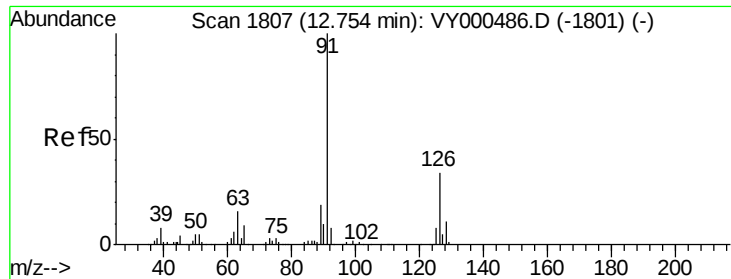
Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1





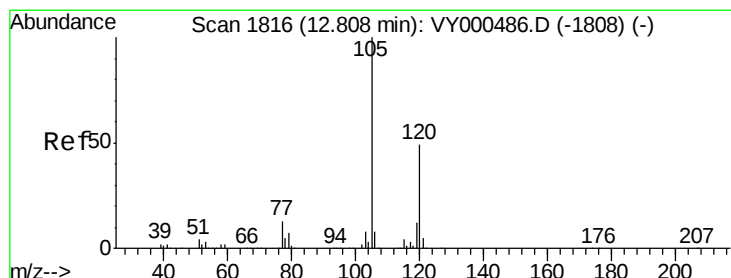
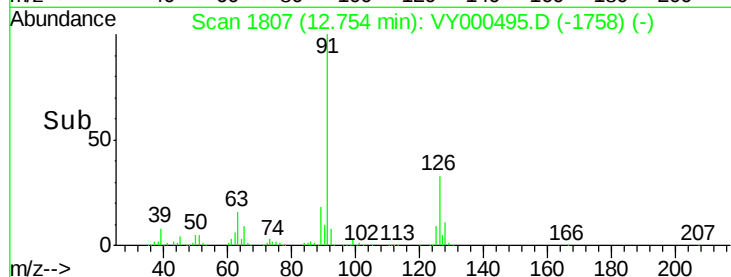
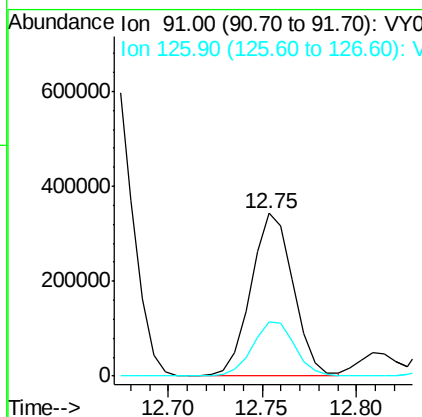
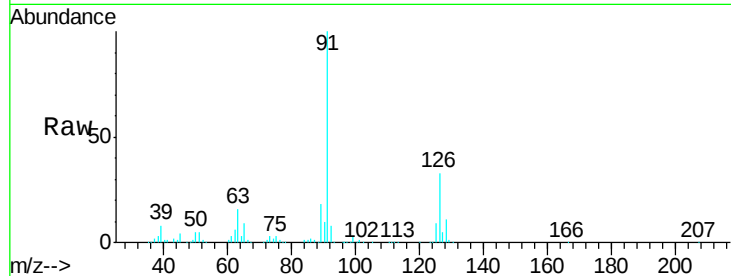
#79
 2-Chlorotoluene
 Concen: 51.248 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 531084
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.7 53.1

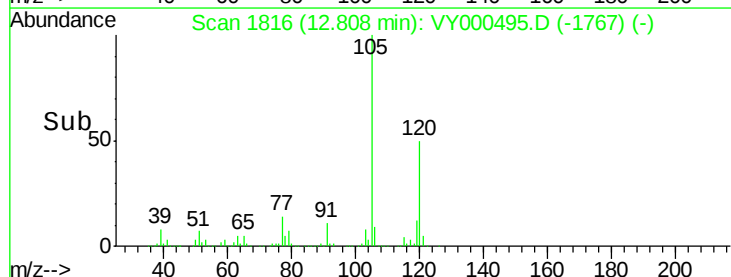
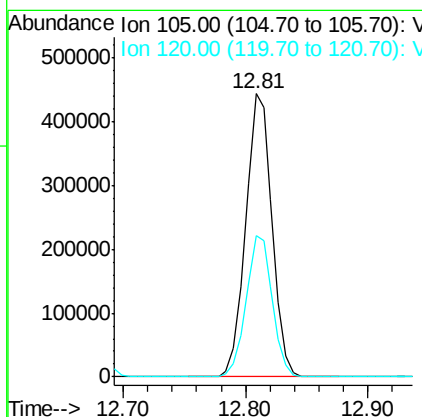
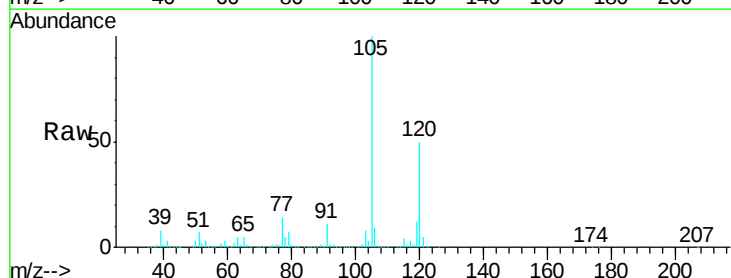
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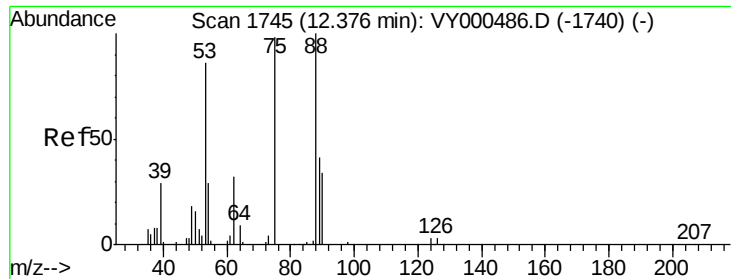
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.288 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 105 Resp: 660842
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.196 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

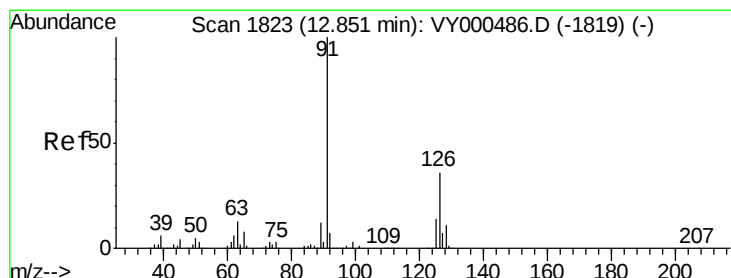
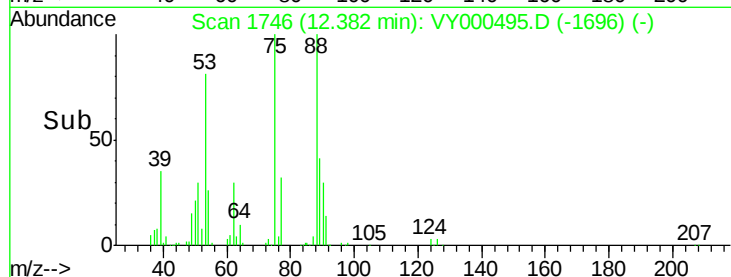
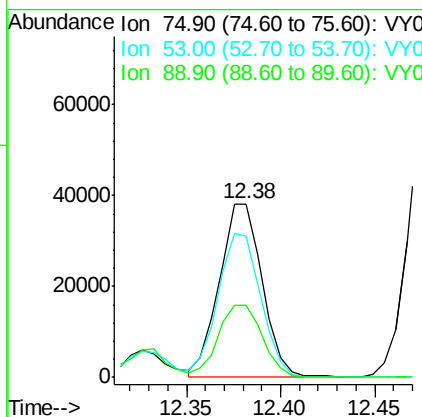
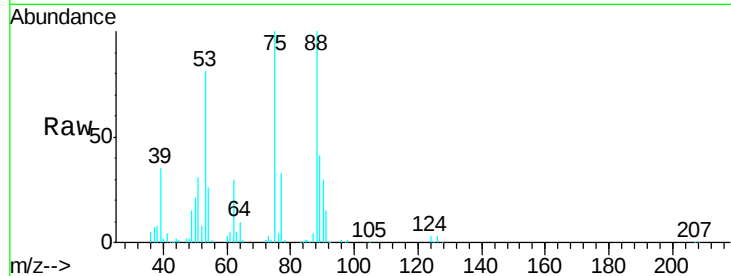
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	59739
Ion Ratio	Lower	Upper	
75	100		
53	83.8	73.2	109.8
89	43.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.588 ug/l

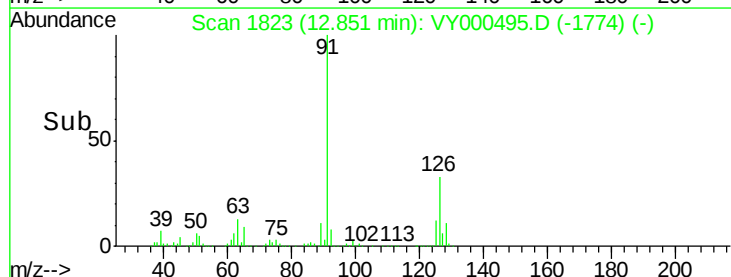
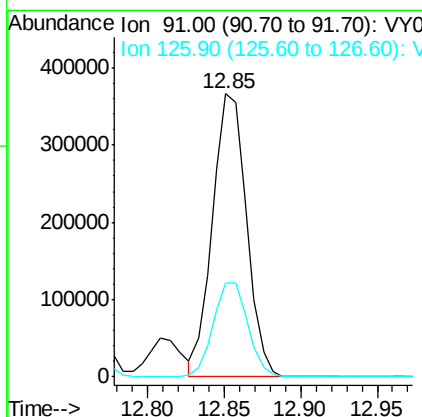
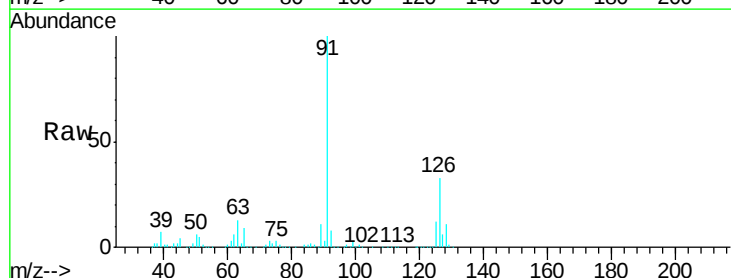
RT: 12.85 min Scan# 1823

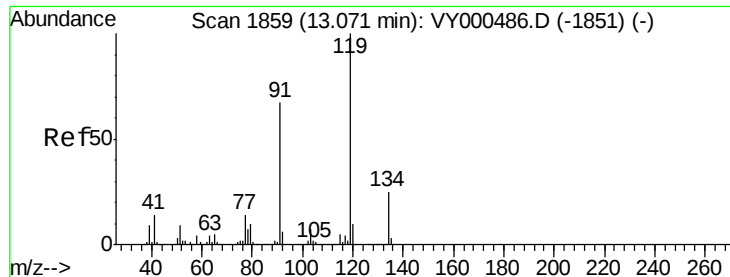
Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	91	Resp:	564908
Ion Ratio	Lower	Upper	
91	100		
126	33.9	17.6	52.9





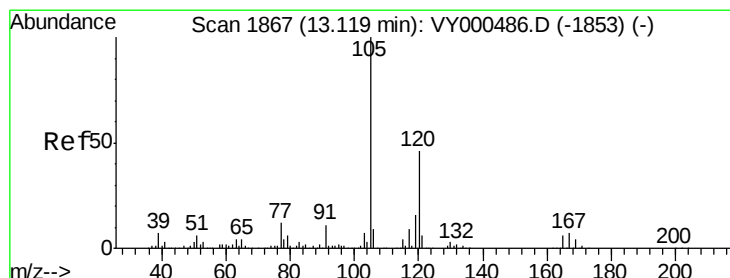
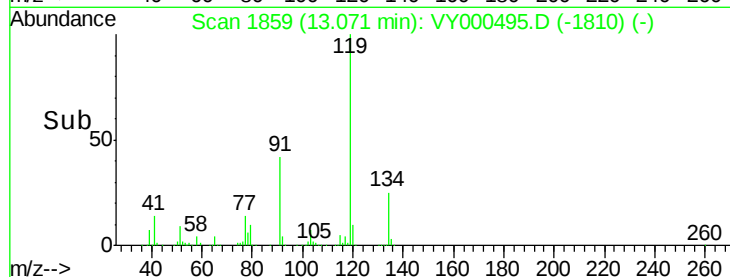
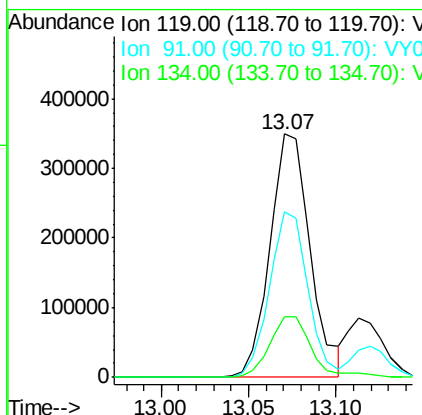
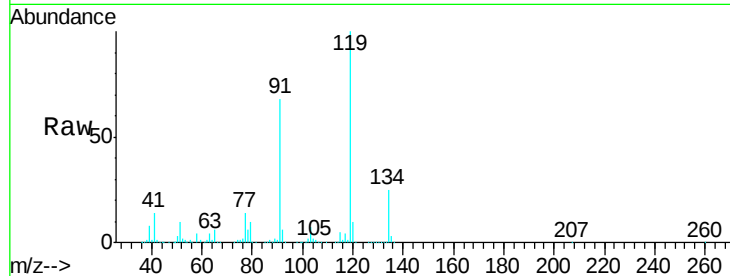
#83
tert-Butylbenzene
Concen: 50.933 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	560352		
91	64.8	32.1	96.3	
134	26.1	13.2	39.5	

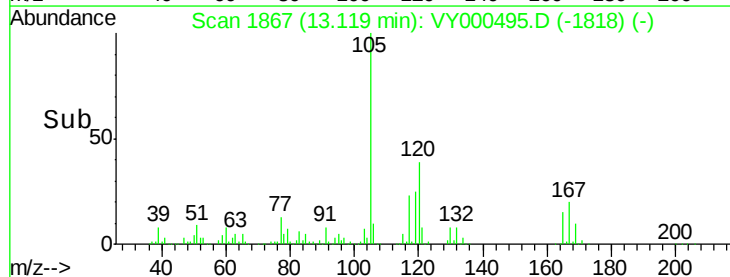
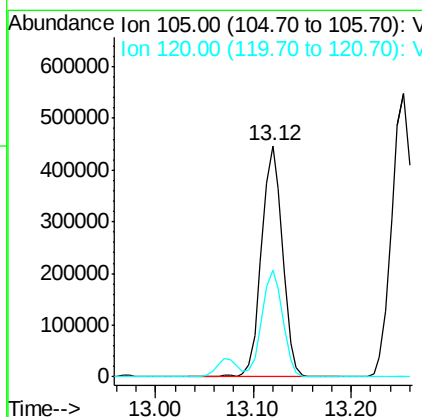
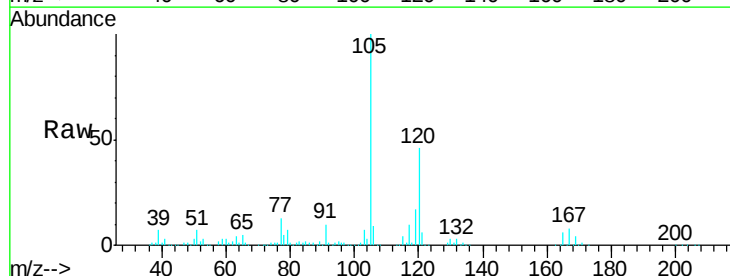
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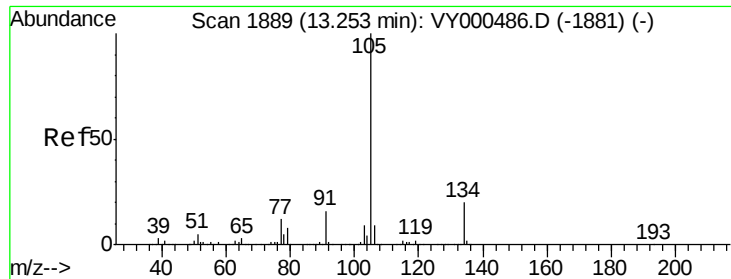
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#84
1,2,4-Trimethylbenzene
Concen: 51.792 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	664439		
120	46.0	23.3	69.9	





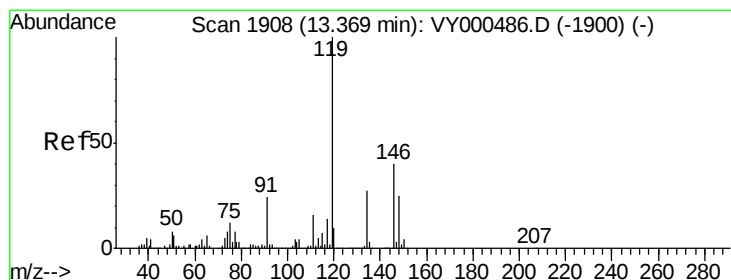
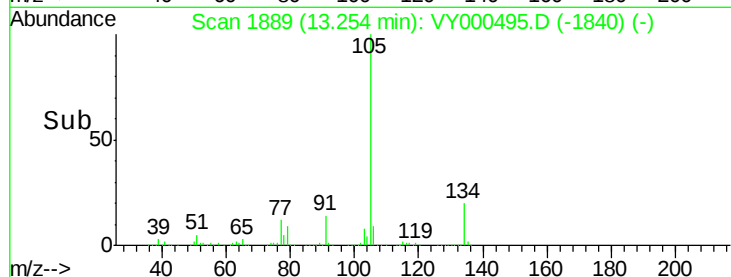
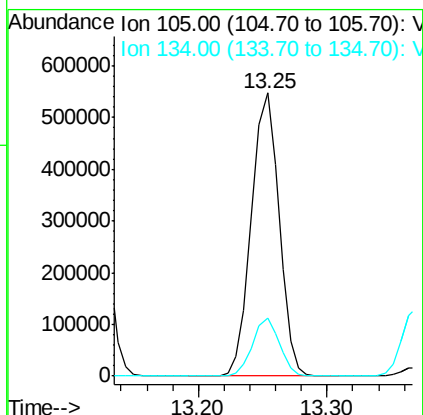
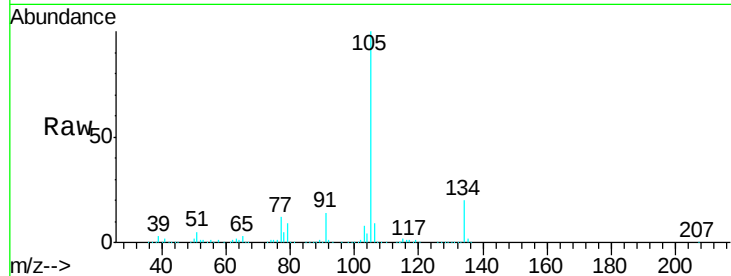
#85
 sec-Butylbenzene
 Concen: 51.831 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 812414
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

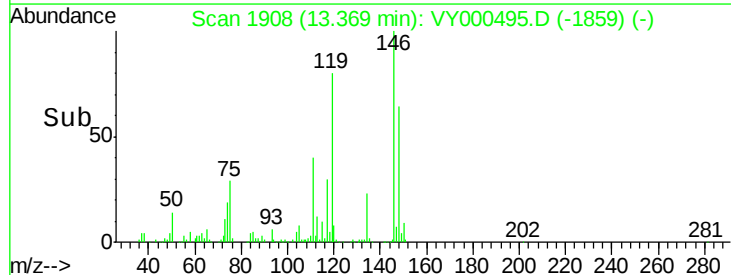
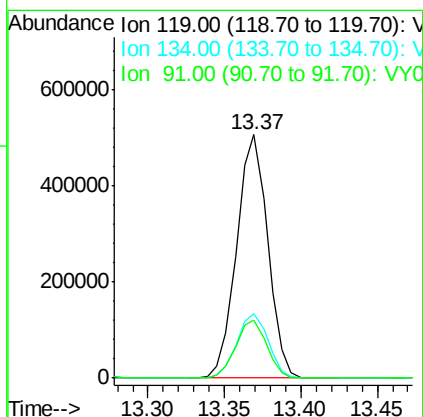
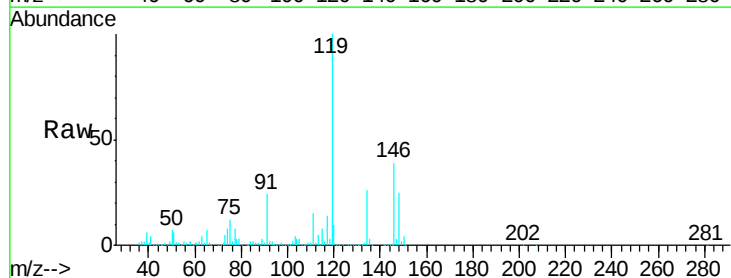
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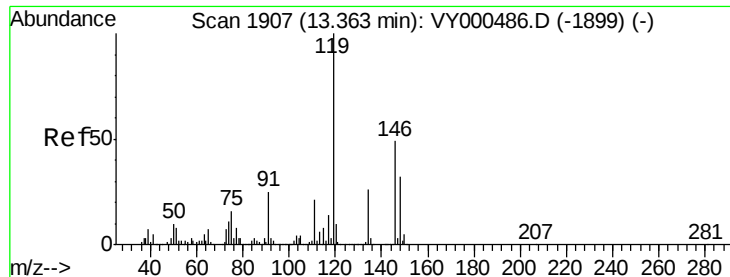
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#86
 p-Isopropyltoluene
 Concen: 50.924 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion:119 Resp: 711389
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.122 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

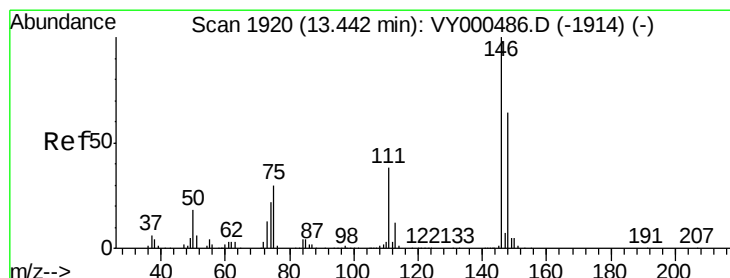
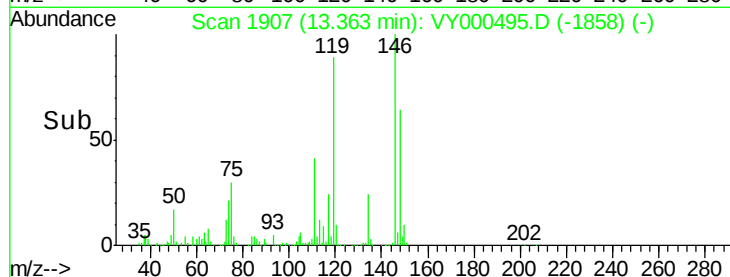
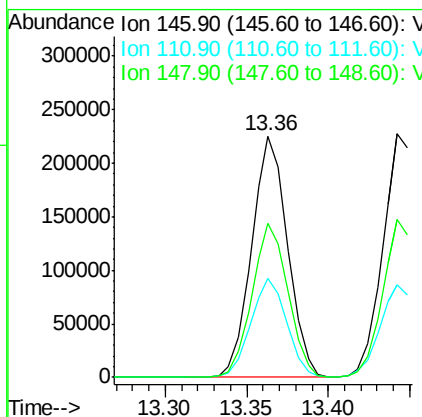
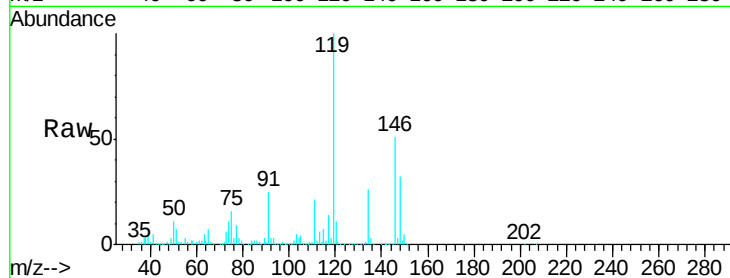
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	344424
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.3	60.8
148	63.6	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 50.413 ug/l

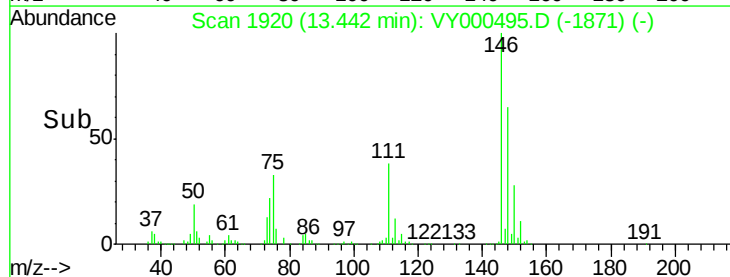
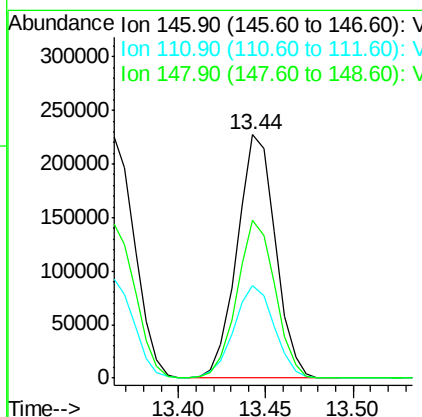
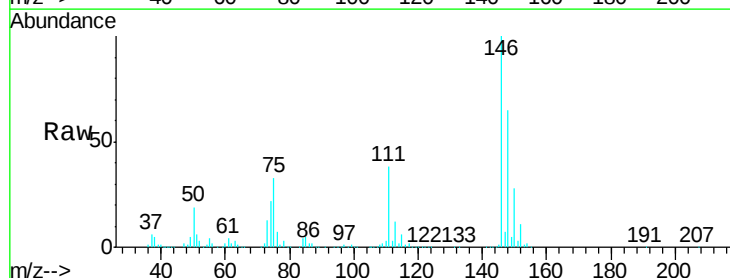
RT: 13.44 min Scan# 1920

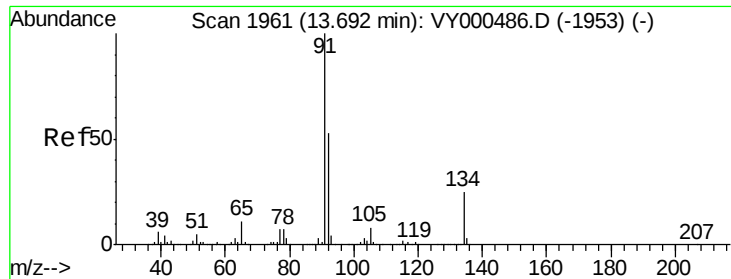
Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion:	146	Resp:	346170
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.7	59.0
148	64.4	31.9	95.7





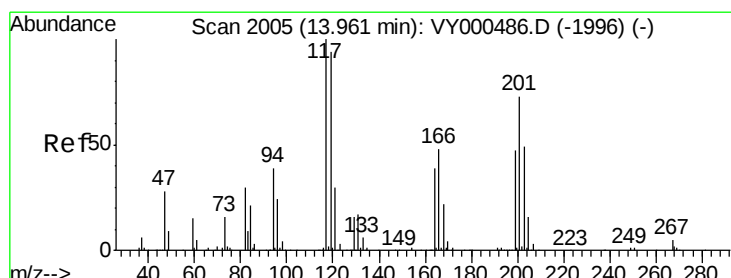
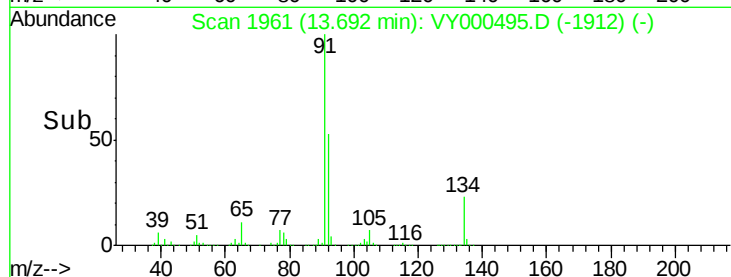
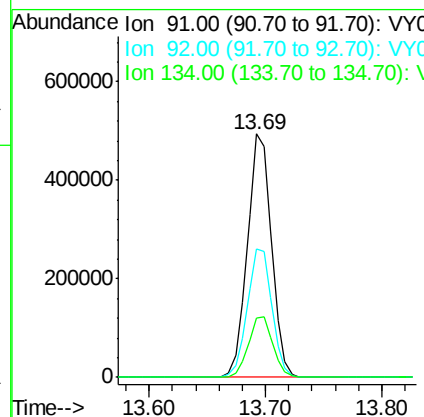
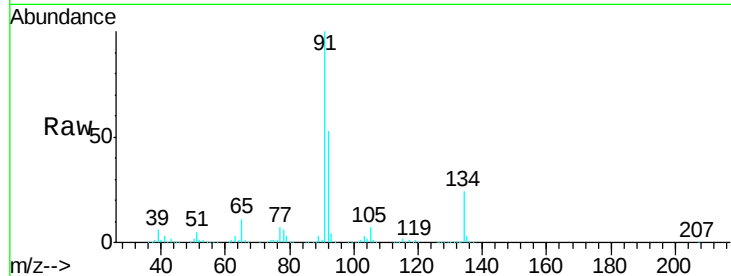
#89
n-Butylbenzene
Concen: 51.942 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	715680		
92	53.9	26.8	80.3	
134	25.2	12.9	38.7	

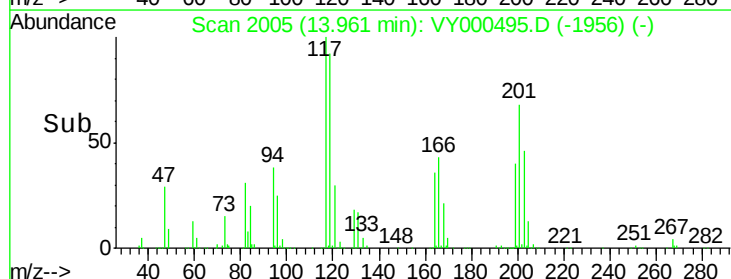
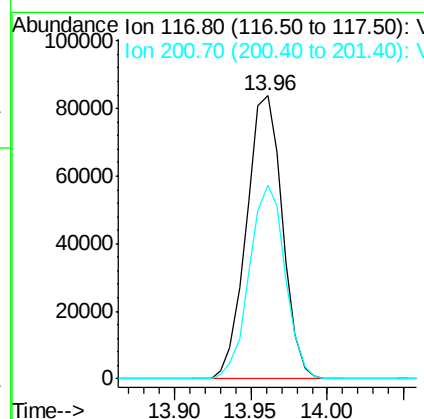
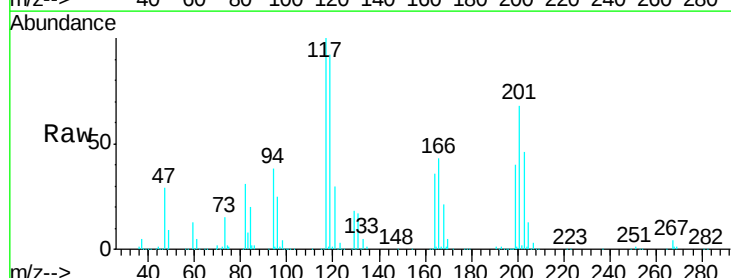
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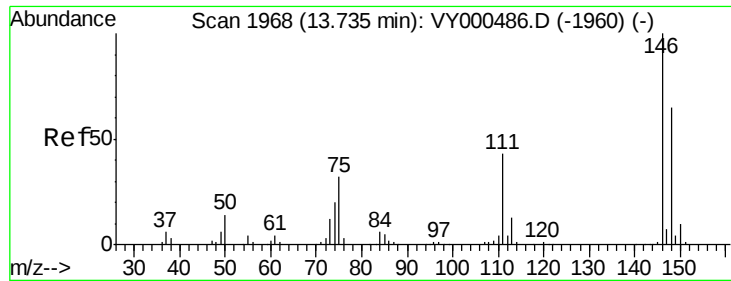
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#90
Hexachloroethane
Concen: 53.095 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	137122		
201	68.0	35.8	107.3	





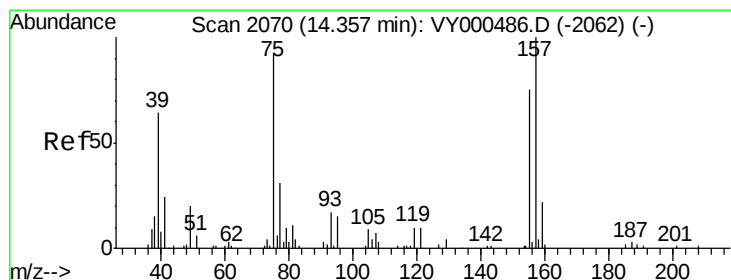
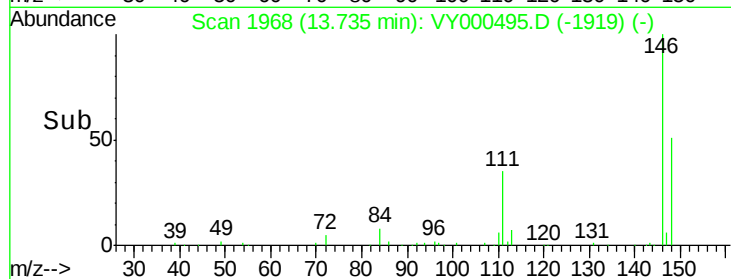
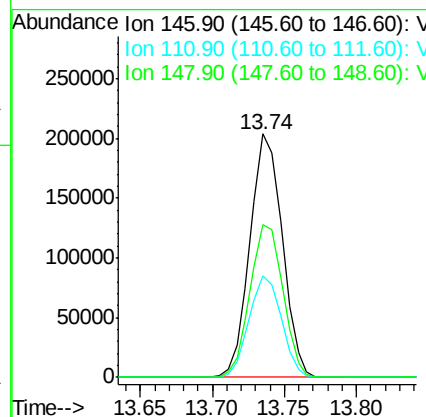
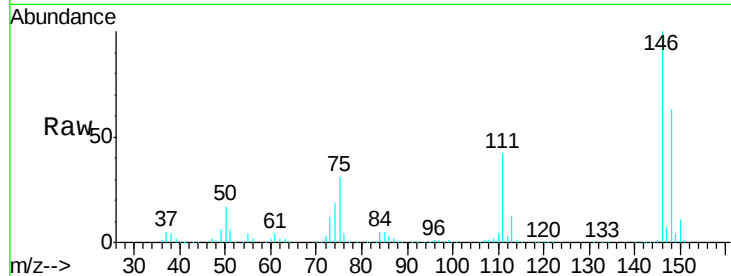
#91
 1,2-Dichlorobenzene
 Concen: 50.721 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	64.1	31.7	95.1

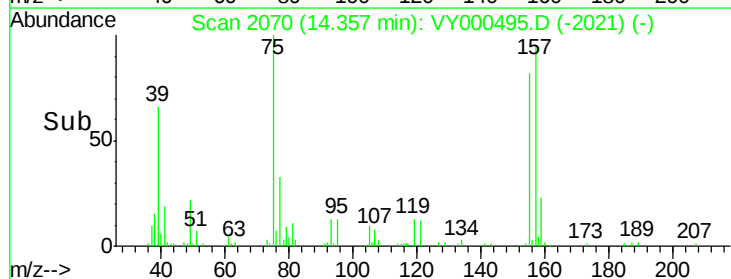
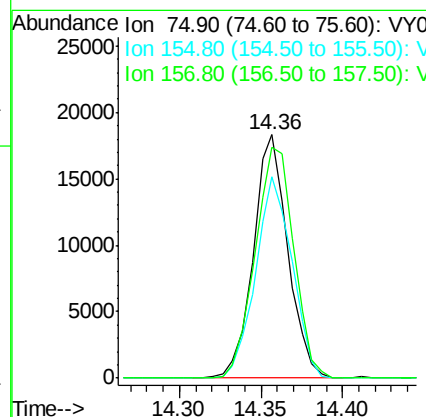
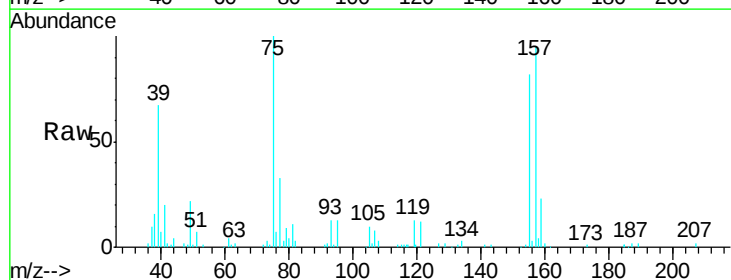
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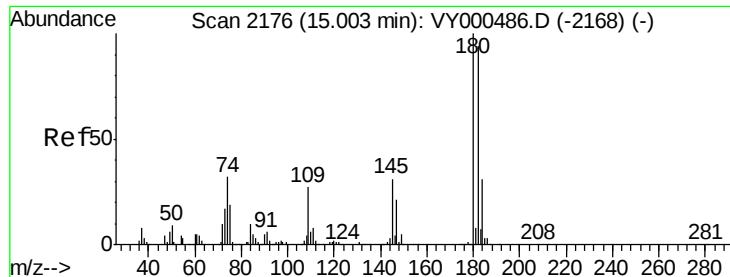
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.772 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.4	127.1
157	106.0	55.1	165.3





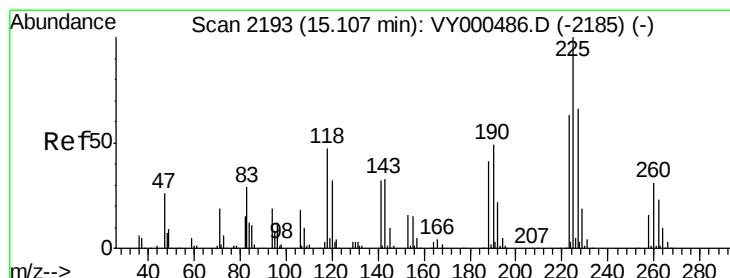
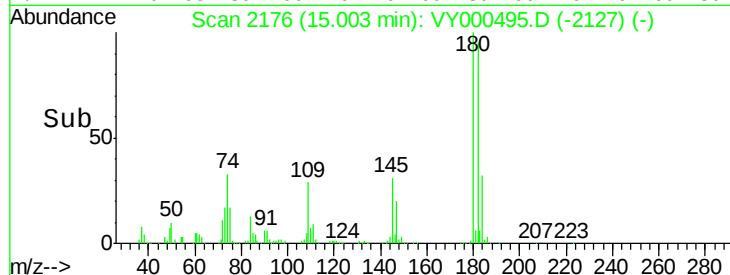
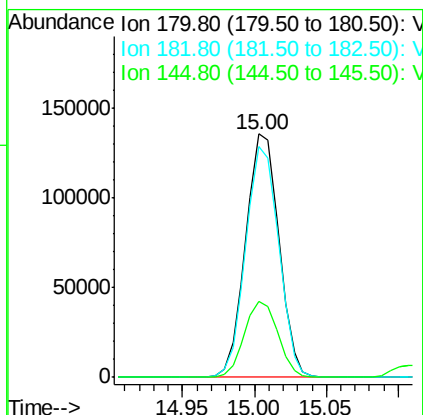
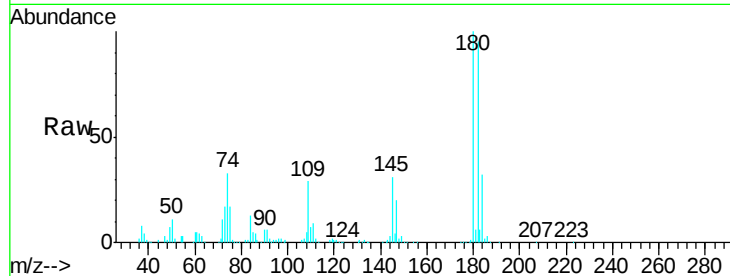
#93
 1,2,4-Trichlorobenzene
 Concen: 50.903 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216099		
182	94.4	47.8	143.4	
145	31.4	16.0	47.9	

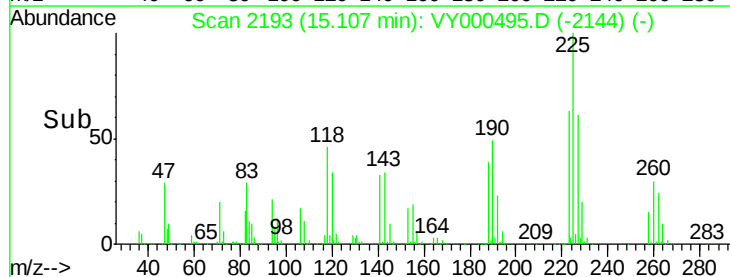
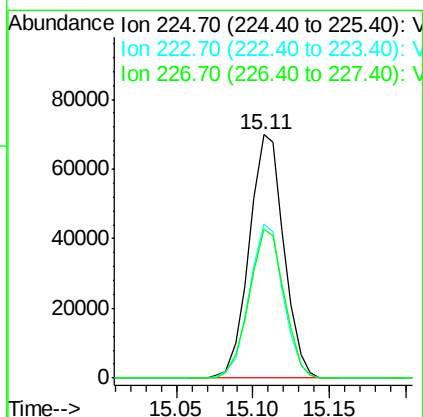
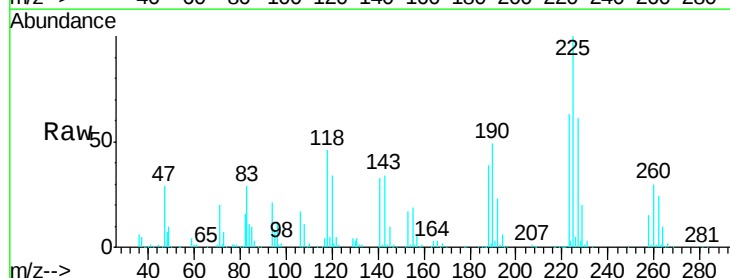
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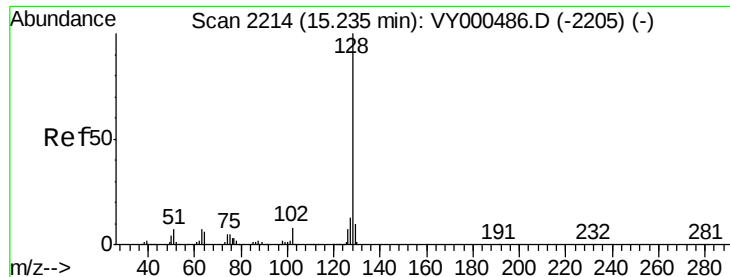
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#94
 Hexachlorobutadiene
 Concen: 50.119 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109677		
223	62.2	31.3	93.8	
227	62.0	32.4	97.0	





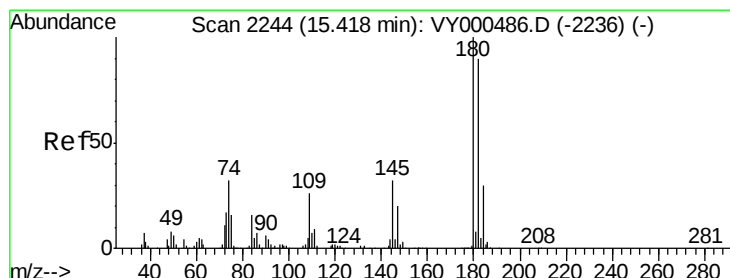
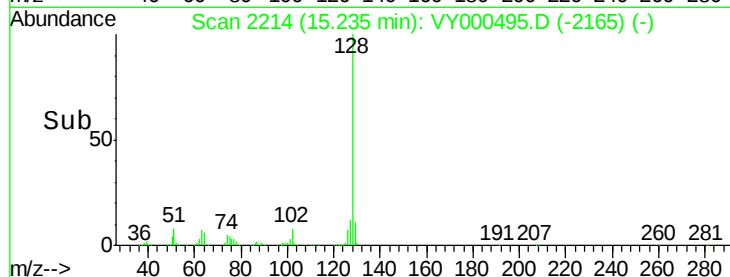
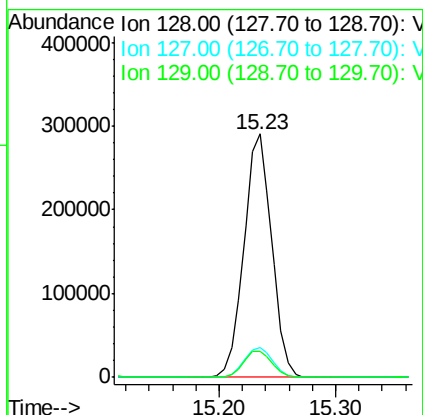
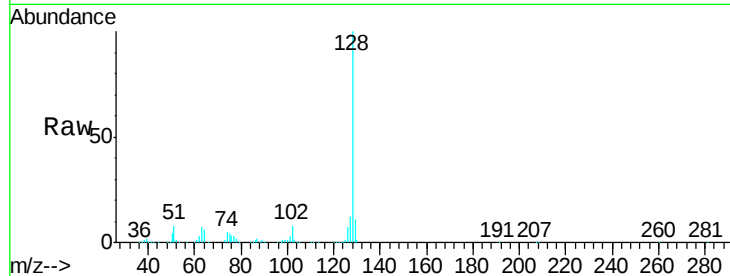
#95
Naphthalene
Concen: 51.133 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	9.8	14.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.387 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.1	47.4	142.3
145	32.8	15.7	47.0

