

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002933.D
 Acq On : 19 Jun 2020 12:52
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:47 PM

Quant Time: Jun 19 14:29:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	343295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	508645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	15108	5.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.54%	
35) Dibromofluoromethane	7.72	113	15004	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
50) Toluene-d8	10.18	98	58466	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	12.48	95	21416	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	13206	6.063	ug/l	99
3) Chloromethane	2.12	50	15318	6.132	ug/l	96
4) Vinyl Chloride	2.26	62	14937	5.650	ug/l	95
5) Bromomethane	2.65	94	11956	5.908	ug/l	93
6) Chloroethane	2.80	64	9478	5.512	ug/l	96
7) Trichlorofluoromethane	3.13	101	25985	5.409	ug/l	99
8) Diethyl Ether	3.54	74	9047	5.253	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	15083	5.208	ug/l	98
10) Methyl Iodide	4.10	142	18799	4.897	ug/l	99
11) Tert butyl alcohol	4.97	59	11025	29.993	ug/l	97
12) 1,1-Dichloroethene	3.88	96	15416	5.399	ug/l	92
13) Acrolein	3.74	56	6173	22.408	ug/l	96
14) Allyl chloride	4.49	41	21628	5.261	ug/l	99
15) Acrylonitrile	5.18	53	20434	24.598	ug/l	96
16) Acetone	3.96	43	18514	26.380	ug/l	95
17) Carbon Disulfide	4.20	76	45694	5.560	ug/l	96
18) Methyl Acetate	4.49	43	15184	6.822	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	38868	5.002	ug/l	97
20) Methylene Chloride	4.72	84	46987	9.036	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	17201	5.423	ug/l	95
22) Diisopropyl ether	6.13	45	43133	5.070	ug/l	99
23) Vinyl Acetate	6.07	43	119420	22.384	ug/l	98
24) 1,1-Dichloroethane	6.03	63	25713	5.132	ug/l	96
25) 2-Butanone	7.00	43	26621	25.247	ug/l	94
26) 2,2-Dichloropropane	6.99	77	25815	5.425	ug/l	96
27) cis-1,2-Dichloroethene	6.99	96	18375	5.164	ug/l	95
28) Bromochloromethane	7.34	49	10359	4.972	ug/l	93
29) Tetrahydrofuran	7.36	42	17050	25.075	ug/l	98
30) Chloroform	7.51	83	26801	5.104	ug/l	91
31) Cyclohexane	7.79	56	28579	5.776	ug/l #	84
32) 1,1,1-Trichloroethane	7.71	97	25074	5.206	ug/l	98
36) 1,1-Dichloropropene	7.93	75	21912	5.316	ug/l	99
37) Ethyl Acetate	7.08	43	12000	5.179	ug/l	98
38) Carbon Tetrachloride	7.90	117	23294	5.143	ug/l	91

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	28883	5.375	ug/l	95
40) Benzene	8.17	78	65641	5.328	ug/l	99
41) Methacrylonitrile	7.32	41	5169m	2.467	ug/l	
42) 1,2-Dichloroethane	8.24	62	17910	5.227	ug/l	98
43) Isopropyl Acetate	8.28	43	21481	5.060	ug/l	99
44) Trichloroethene	8.94	130	20276	5.296	ug/l	97
45) 1,2-Dichloropropane	9.22	63	14999	5.049	ug/l	97
46) Dibromomethane	9.31	93	9369	5.283	ug/l	97
47) Bromodichloromethane	9.50	83	20186	4.921	ug/l	97
48) Methyl methacrylate	9.30	41	9297	4.924	ug/l	97
49) 1,4-Dioxane	9.30	88	2739	106.908	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	55753	24.587	ug/l	100
52) Toluene	10.25	92	41615	5.226	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	22304	5.020	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	25146	4.988	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	13634	5.136	ug/l	97
56) Ethyl methacrylate	10.51	69	17275	4.941	ug/l	100
57) 1,3-Dichloropropane	10.79	76	22708	5.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	42836	24.486	ug/l	99
59) 2-Hexanone	10.83	43	37692	23.785	ug/l	99
60) Dibromochloromethane	10.99	129	16513	4.926	ug/l	100
61) 1,2-Dibromoethane	11.09	107	13127	5.014	ug/l	96
64) Tetrachloroethene	10.72	164	21664	5.376	ug/l	94
65) Chlorobenzene	11.52	112	46869	5.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	16941	4.979	ug/l	99
67) Ethyl Benzene	11.59	91	79502	5.124	ug/l	98
68) m/p-Xylenes	11.70	106	62125	10.307	ug/l	100
69) o-Xylene	12.03	106	28814	5.071	ug/l	98
70) Styrene	12.04	104	48931	5.000	ug/l	99
71) Bromoform	12.20	173	10997	4.851	ug/l #	97
73) Isopropylbenzene	12.33	105	78644	5.002	ug/l	100
74) N-amyl acetate	12.14	43	18974	4.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	14529	4.983	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	11093m	3.037	ug/l	
77) Bromobenzene	12.61	156	21228	5.138	ug/l	99
78) n-propylbenzene	12.67	91	92278	5.044	ug/l	99
79) 2-Chlorotoluene	12.75	91	51754	5.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	65813	5.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	5747	4.988	ug/l	98
82) 4-Chlorotoluene	12.85	91	55557	5.137	ug/l	99
83) tert-Butylbenzene	13.08	119	59324	5.024	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	65877	4.973	ug/l	99
85) sec-Butylbenzene	13.25	105	82190	5.091	ug/l	99
86) p-Isopropyltoluene	13.37	119	75542	5.008	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	40512	5.164	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	41366	5.258	ug/l	96
89) n-Butylbenzene	13.69	91	68958	5.036	ug/l	100
90) Hexachloroethane	13.96	117	13870	4.972	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	36480	5.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2725	4.984	ug/l	95

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MSVOA_Y
ClientSampleId :
VSTDICC005

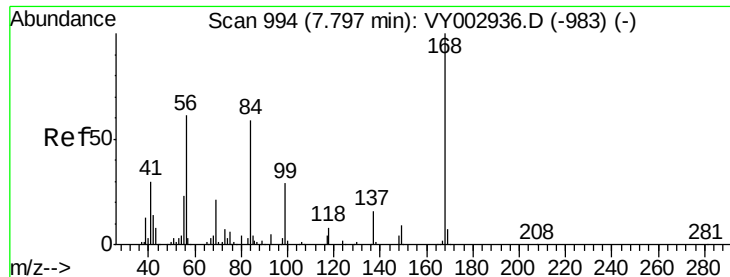
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 14:17:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	27187	5.071	ug/l	99
94) Hexachlorobutadiene	15.11	225	15920	5.080	ug/l	99
95) Naphthalene	15.23	128	52120	4.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	24024	5.029	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 343295

Ion Ratio Lower Upper

168 100

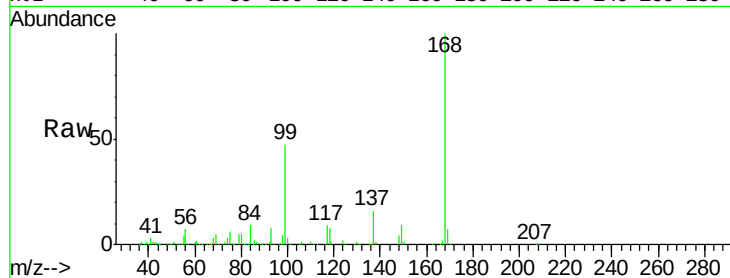
99 47.3 39.5 59.3

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Abundance Ion 167.90 (167.60 to 168.60): VY002933.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002933.D (-983) (-)

7.80

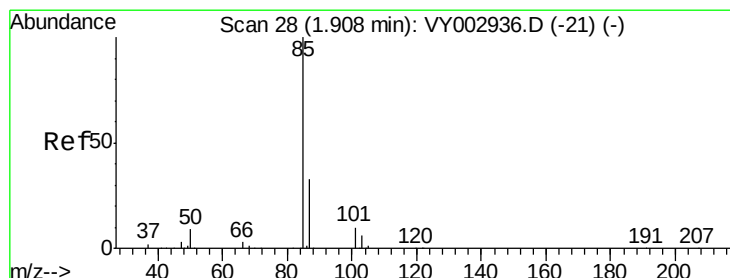
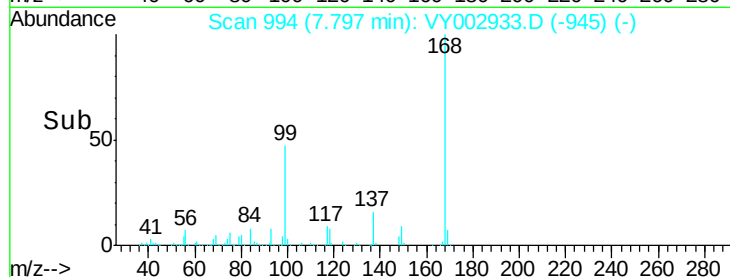
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.063 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002933.D

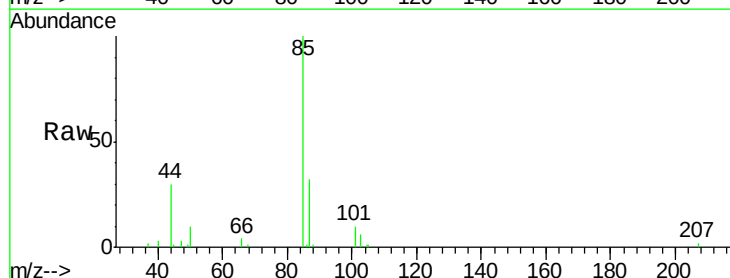
Acq: 19 Jun 2020 12:52

Tgt Ion: 85 Resp: 13206

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002933.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002933.D (-21) (-)

1.91

10000

8000

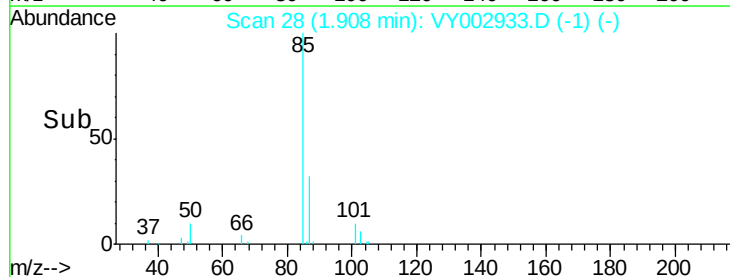
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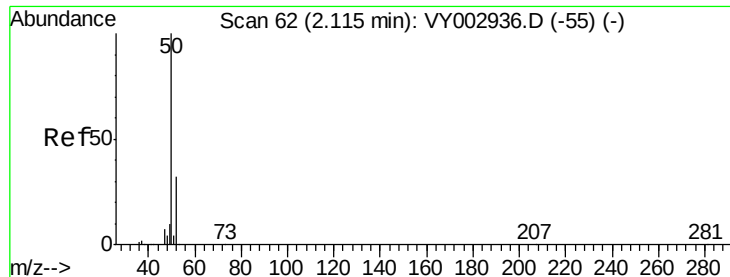
4000

2000

0

Time-->





#3

Chloromethane

Concen: 6.132 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15318

Ion Ratio Lower Upper

50 100

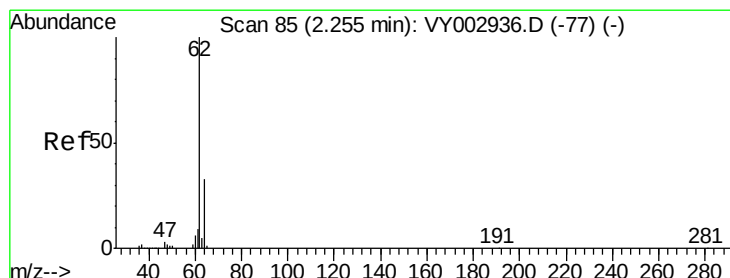
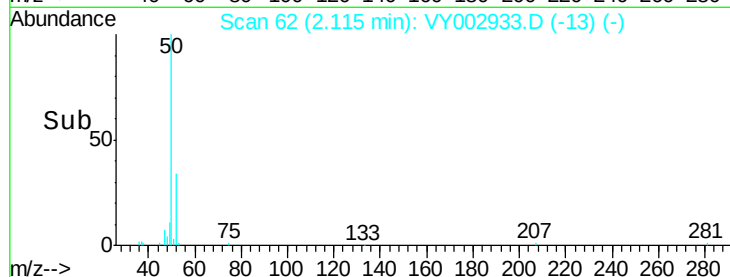
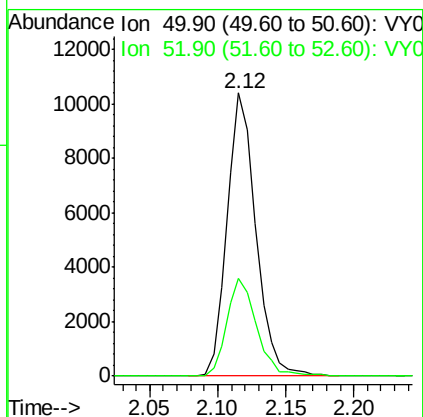
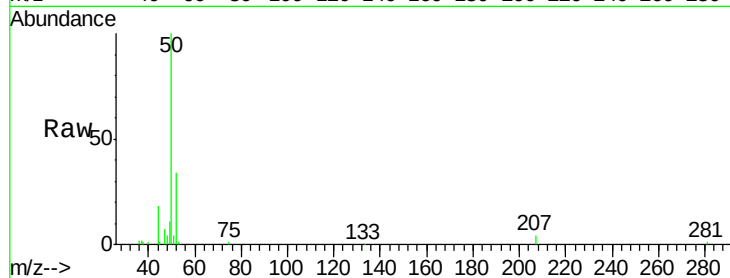
52 34.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.650 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002933.D

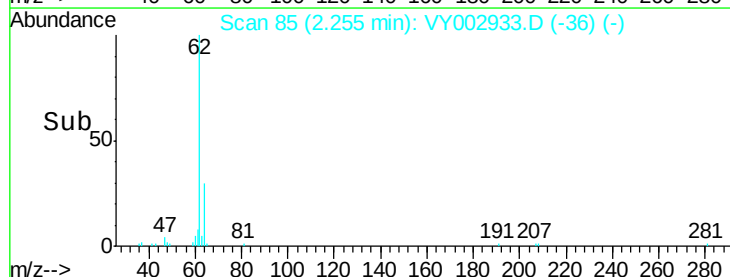
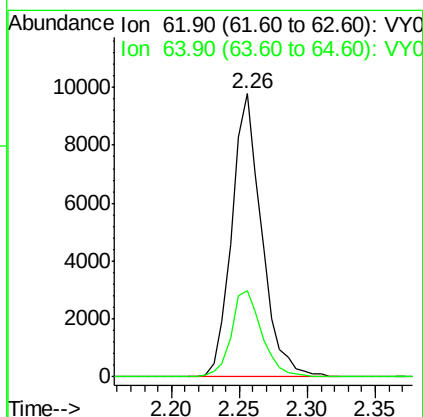
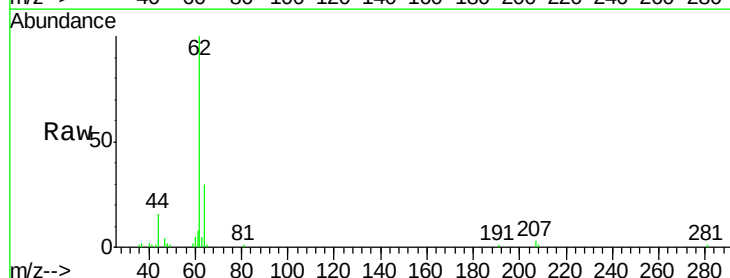
Acq: 19 Jun 2020 12:52

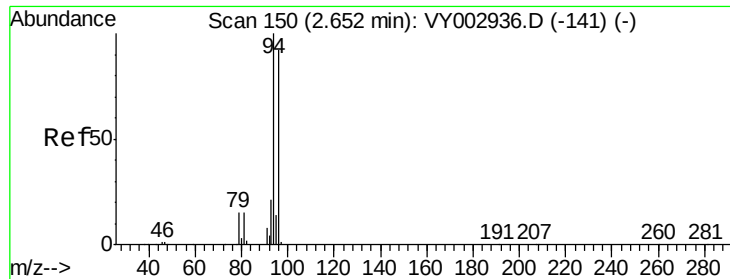
Tgt Ion: 62 Resp: 14937

Ion Ratio Lower Upper

62 100

64 30.3 26.3 39.5





#5

Bromomethane

Concen: 5.908 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11956

Ion Ratio Lower Upper

94 100

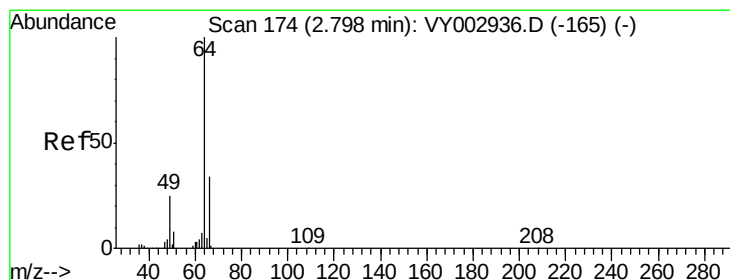
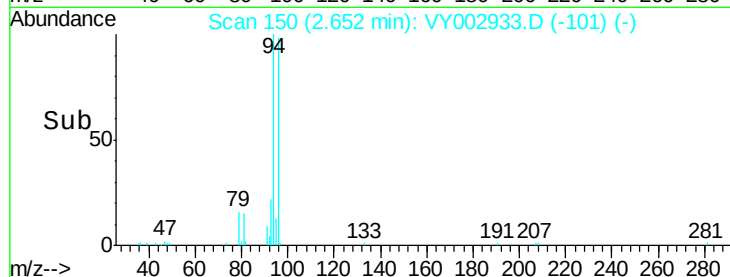
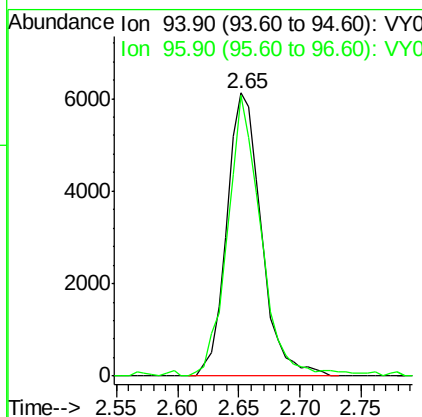
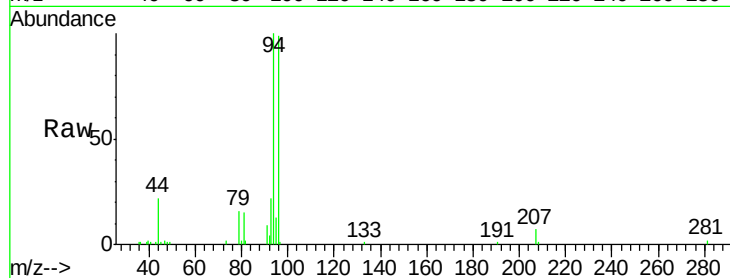
96 99.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 5.512 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002933.D

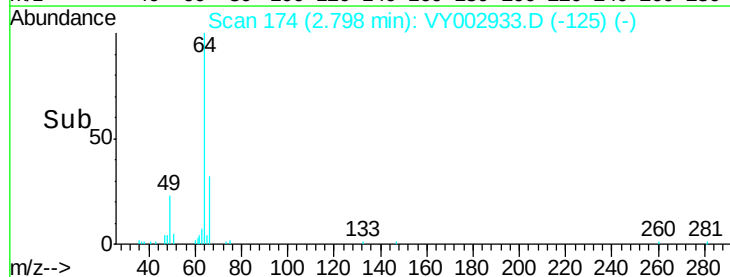
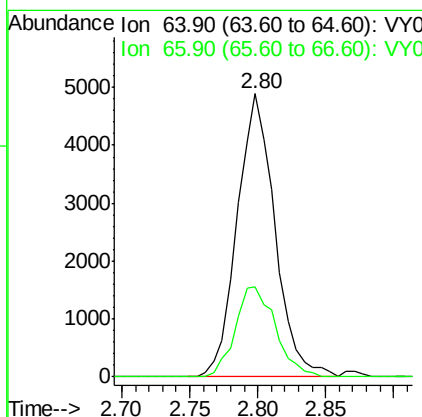
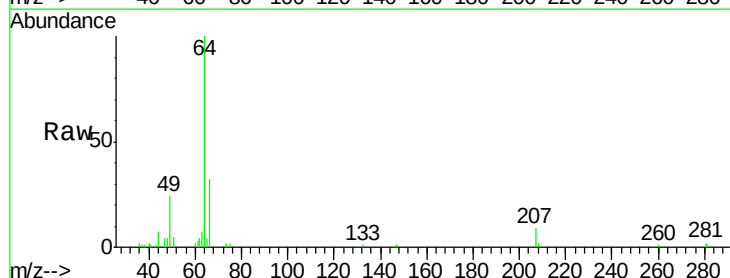
Acq: 19 Jun 2020 12:52

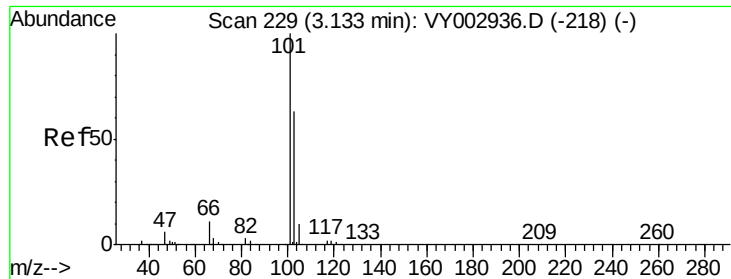
Tgt Ion: 64 Resp: 9478

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.6





#7

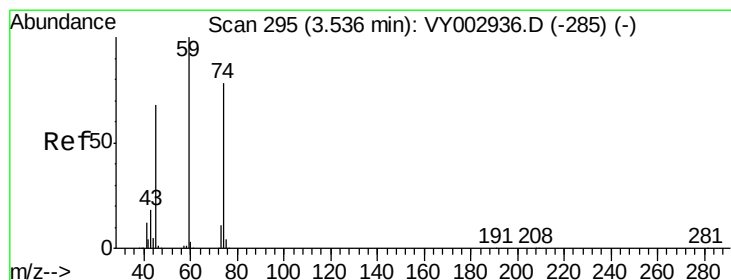
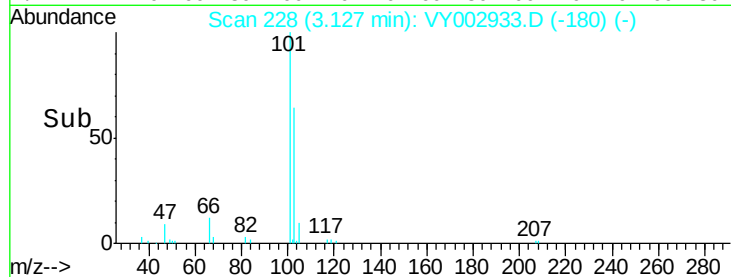
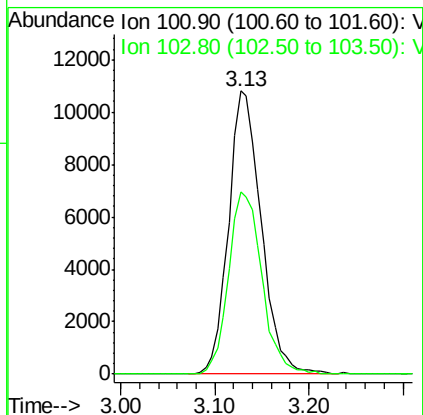
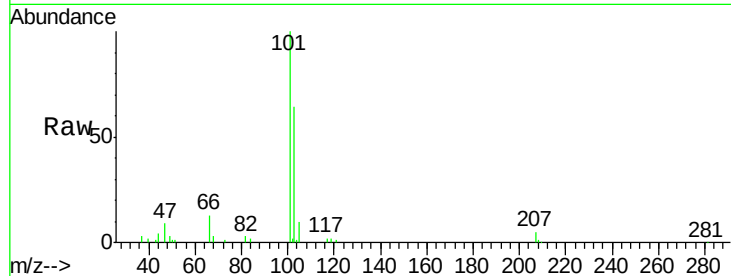
Trichlorofluoromethane
Concen: 5.409 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.6	76.0

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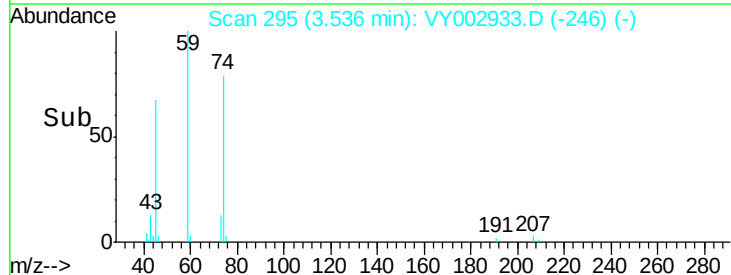
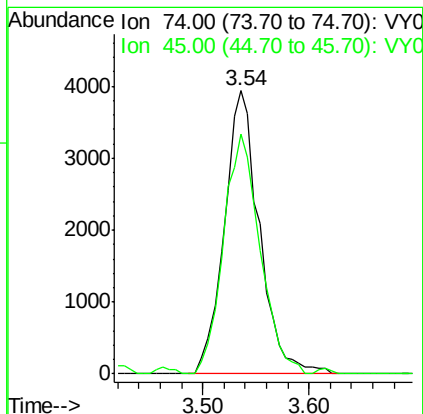
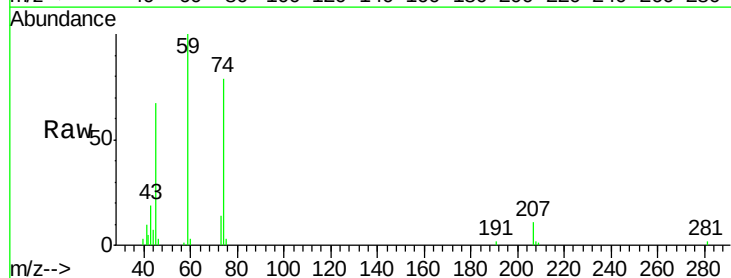
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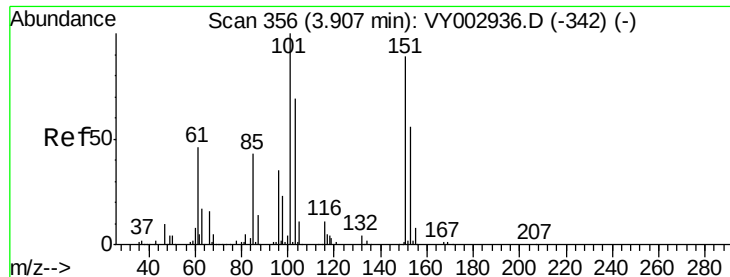


#8

Diethyl Ether
Concen: 5.253 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.208 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

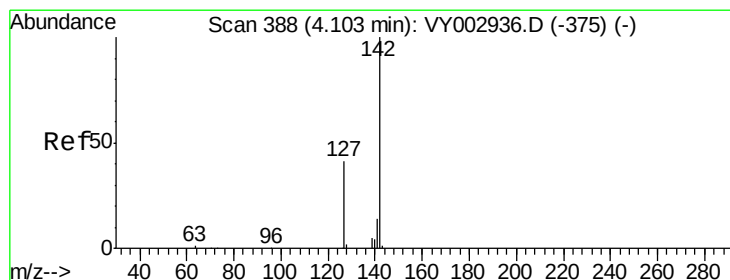
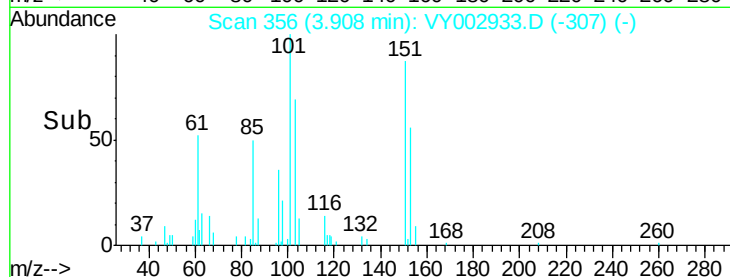
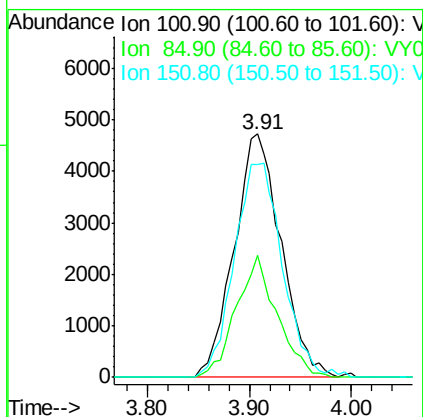
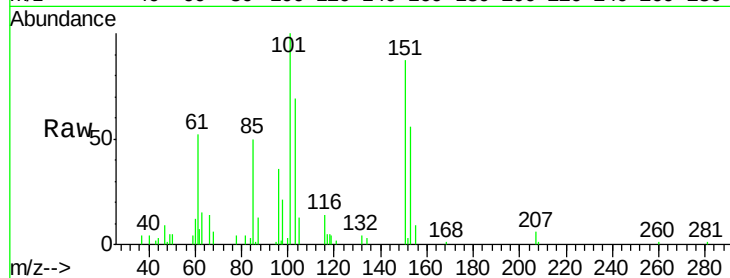
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15083
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.6	50.4
151	89.8	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 4.897 ug/l

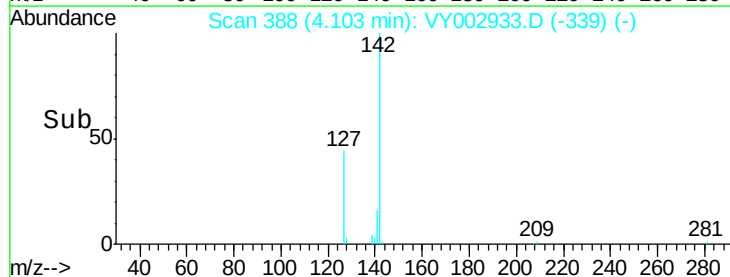
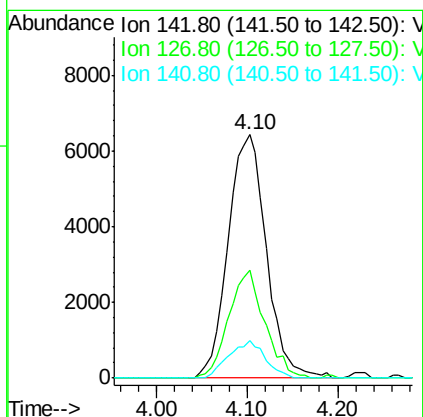
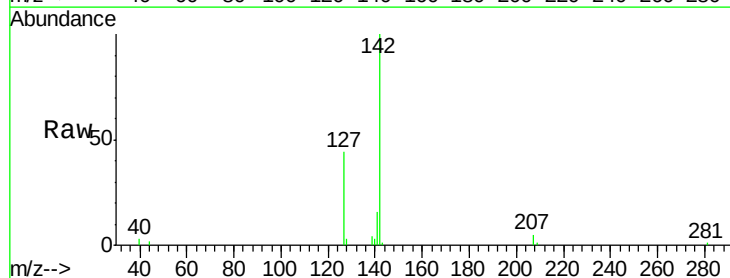
RT: 4.10 min Scan# 388

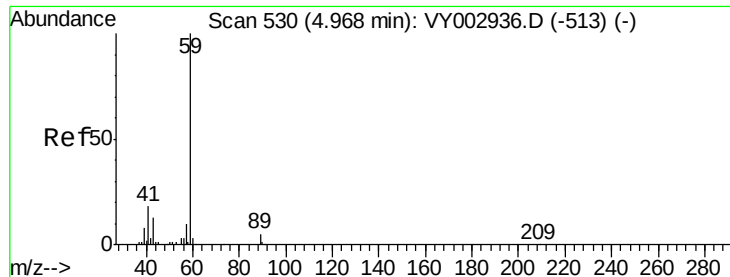
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	142	Resp:	18799
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.9	49.3
141	14.6	11.3	16.9





#11

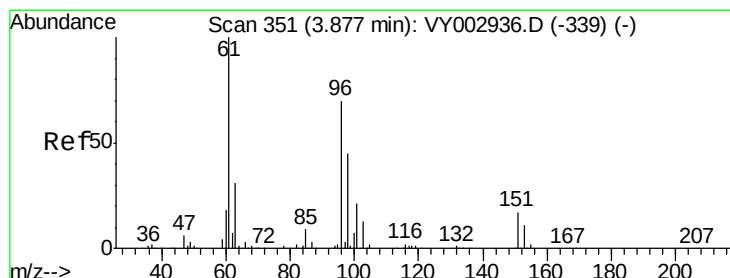
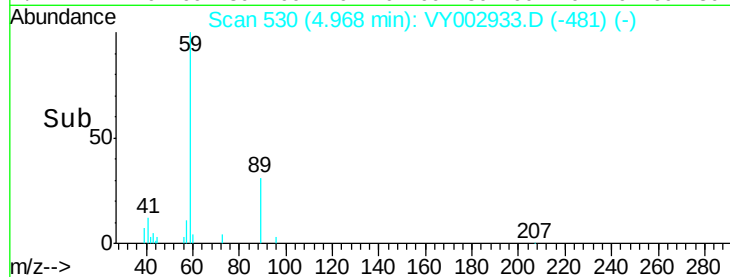
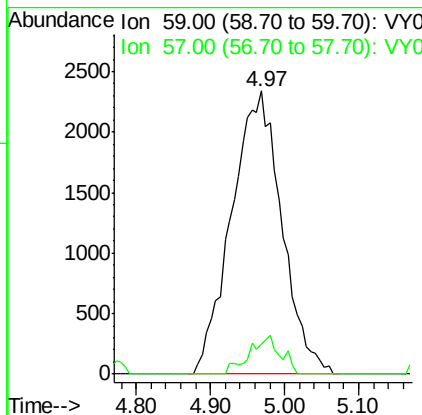
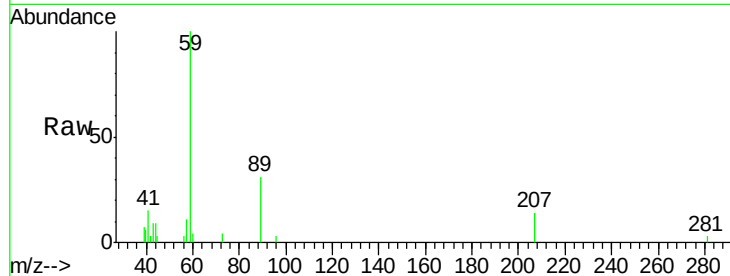
Tert butyl alcohol
 Concen: 29.993 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.4	11.2

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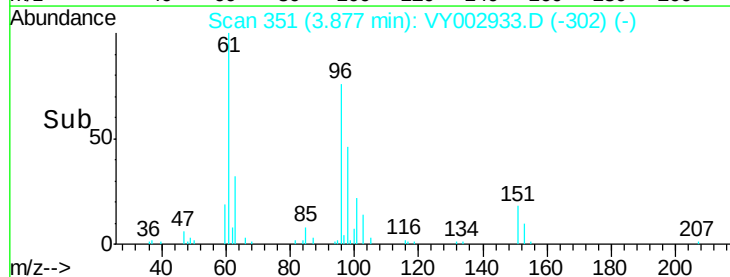
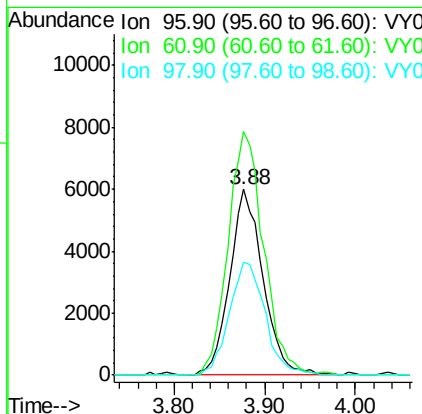
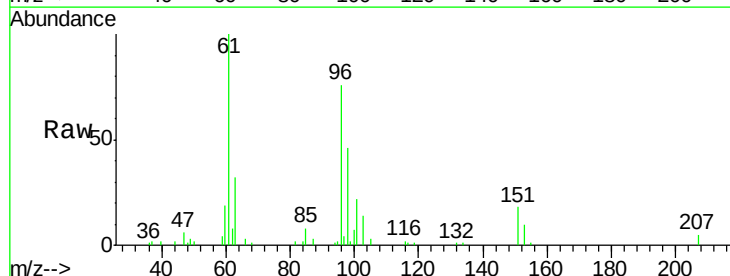
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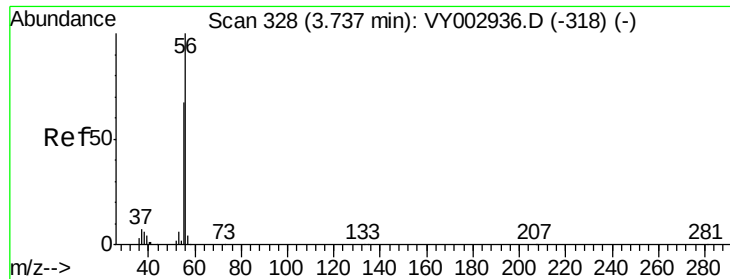


#12

1,1-Dichloroethene
 Concen: 5.399 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.3	114.6	172.0
98	60.8	51.4	77.0





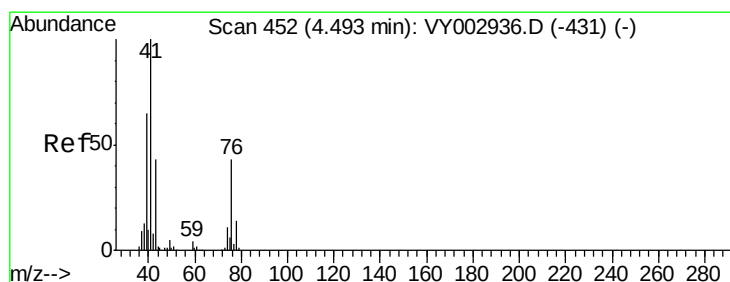
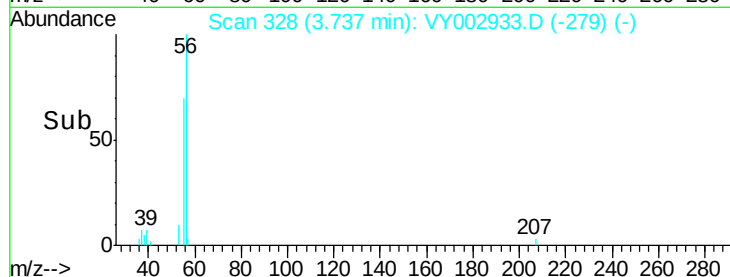
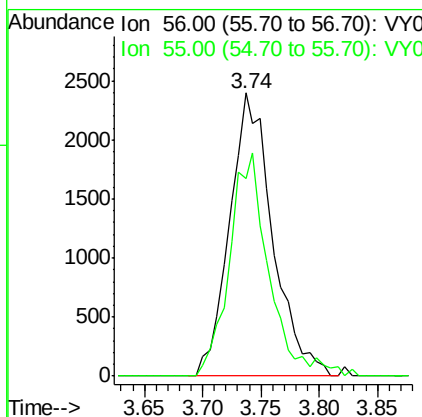
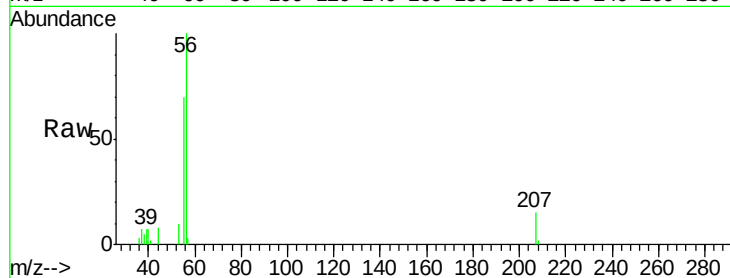
#13
Acrolein
Concen: 22.408 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	55.3	82.9

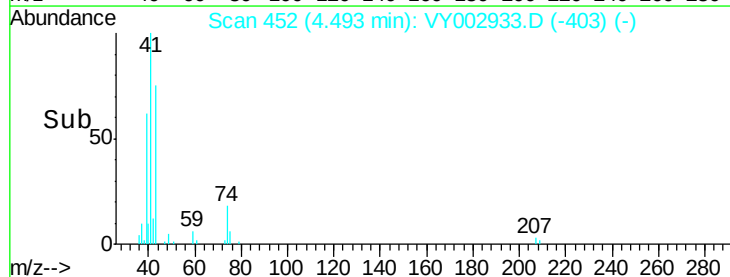
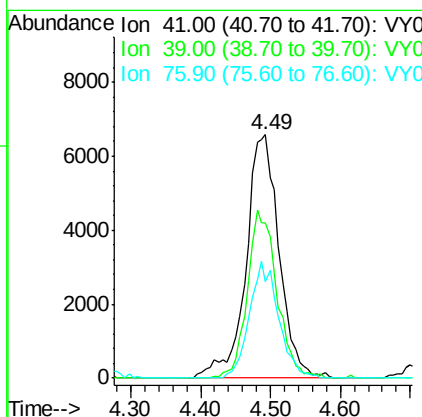
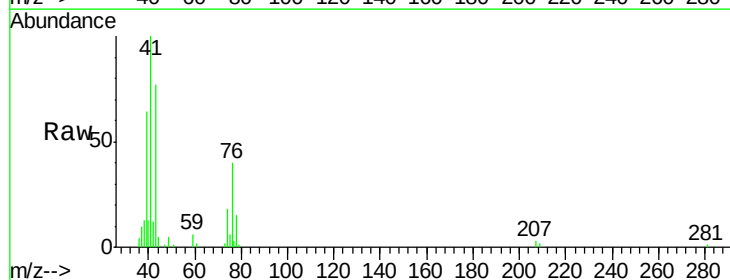
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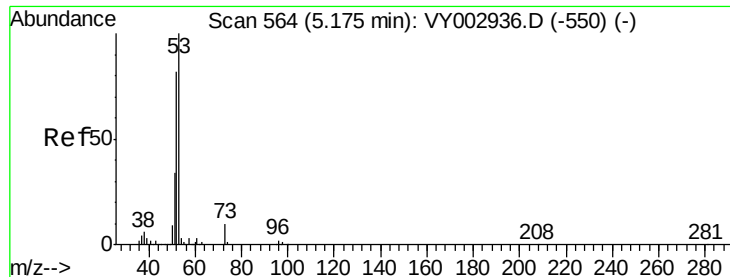
MMDadoda
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#14
Allyl chloride
Concen: 5.261 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.3	50.0	75.0
76	42.1	33.3	49.9





#15

Acrylonitrile

Concen: 24.598 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

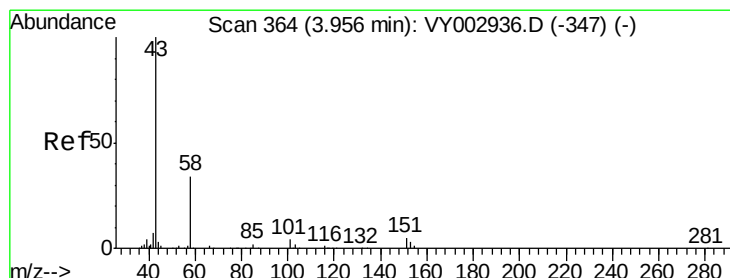
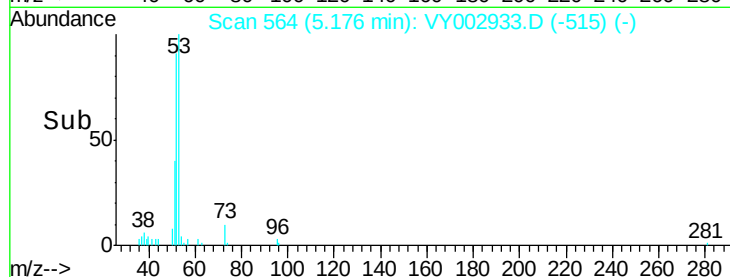
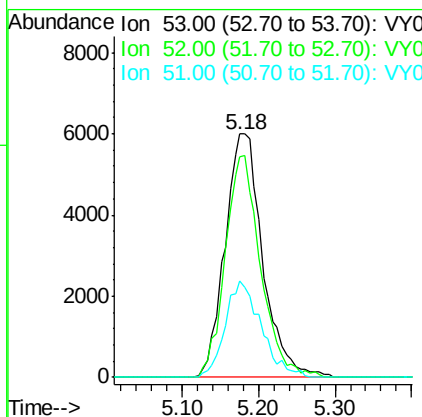
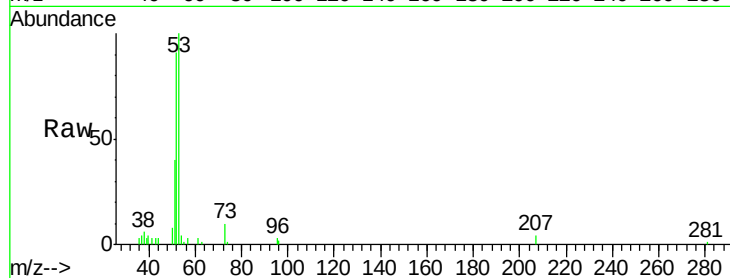
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	20434
Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.7	98.5
51	37.6	28.1	42.1

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#16

Acetone

Concen: 26.380 ug/l

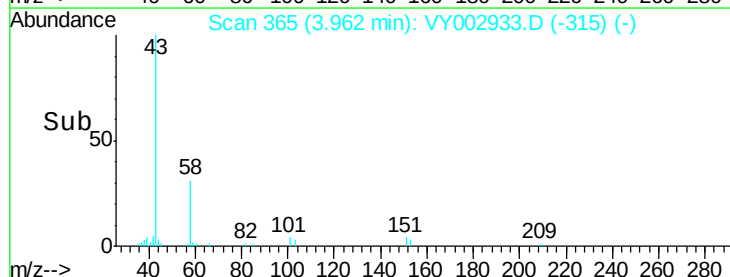
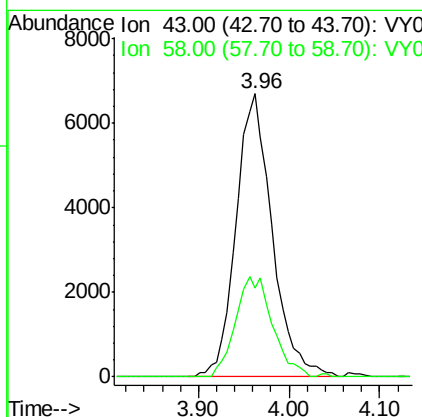
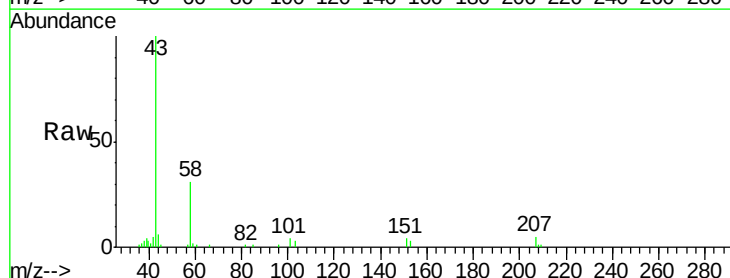
RT: 3.96 min Scan# 365

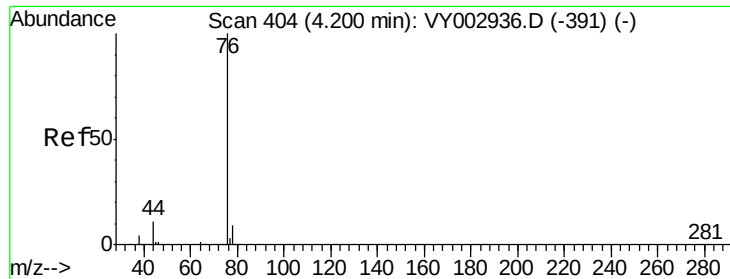
Delta R.T. 0.01 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	43	Resp:	18514
Ion	Ratio	Lower	Upper
43	100		
58	31.3	27.3	40.9





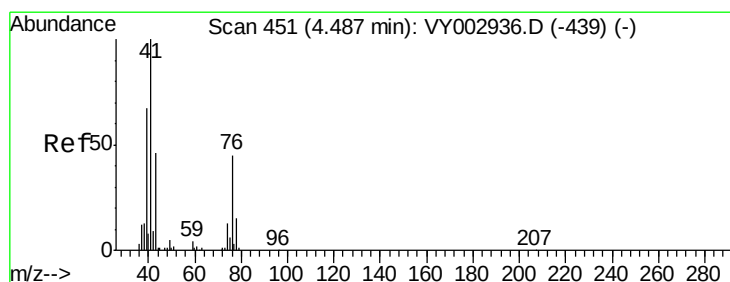
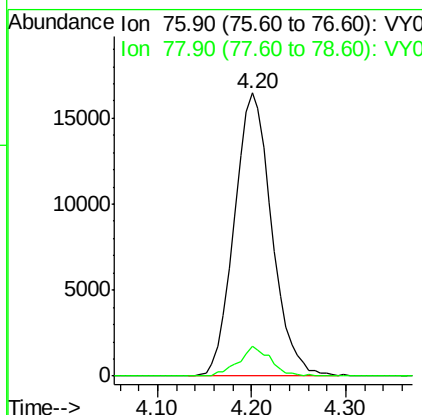
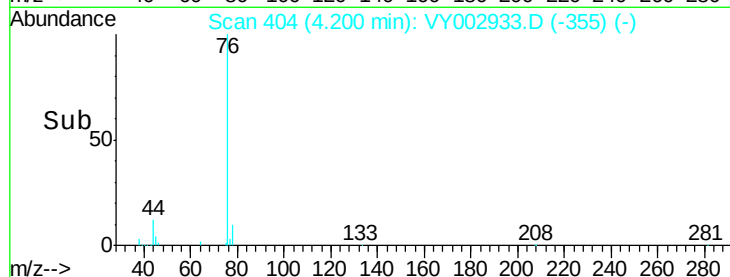
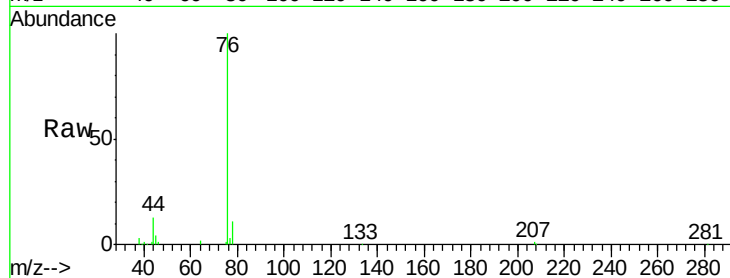
#17
Carbon Disulfide
Concen: 5.560 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.2

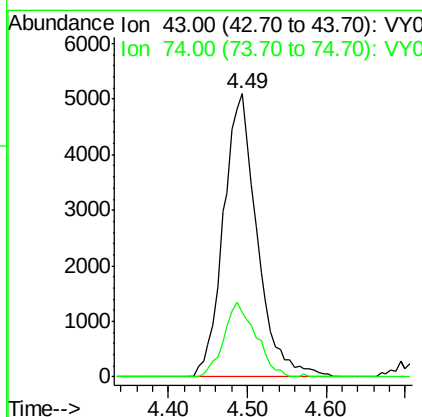
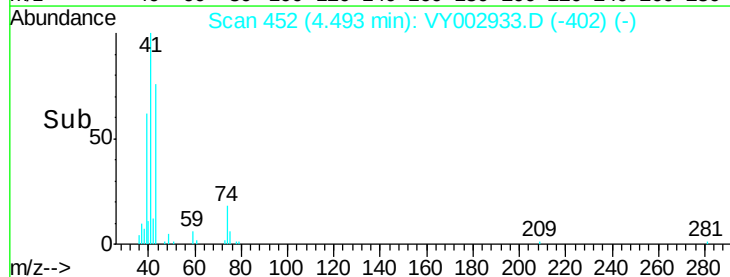
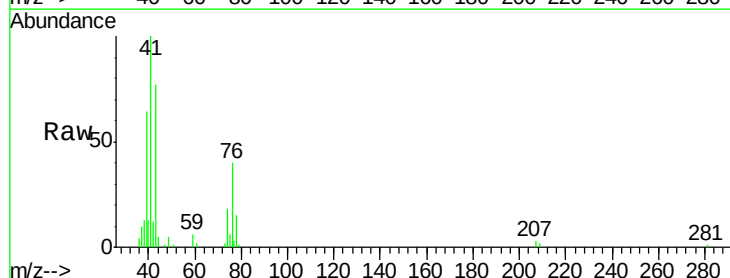
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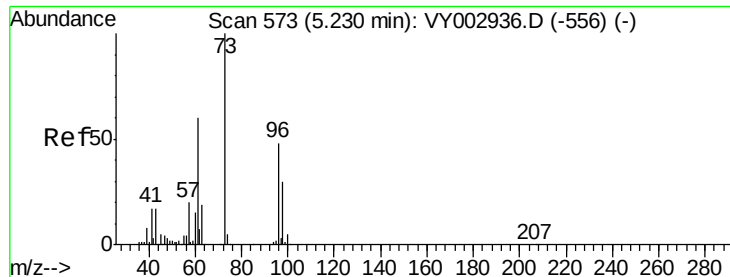
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#18
Methyl Acetate
Concen: 6.822 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	21.1	31.7





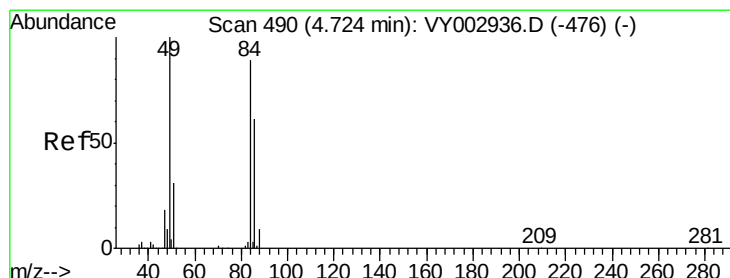
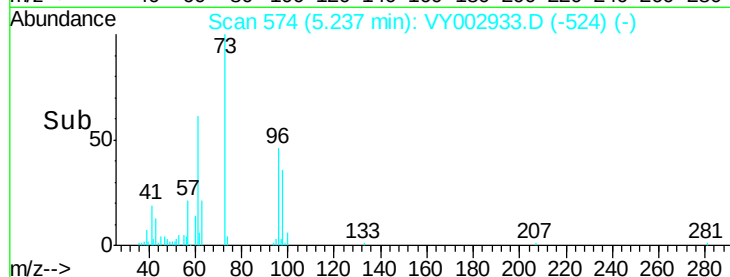
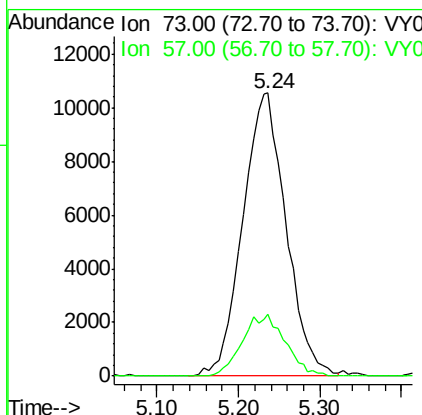
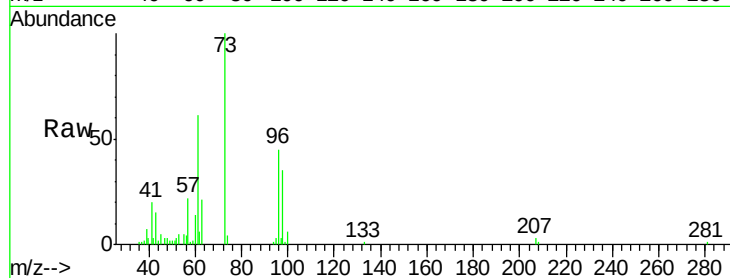
#19
Methyl tert-butyl Ether
Concen: 5.002 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.4	24.6

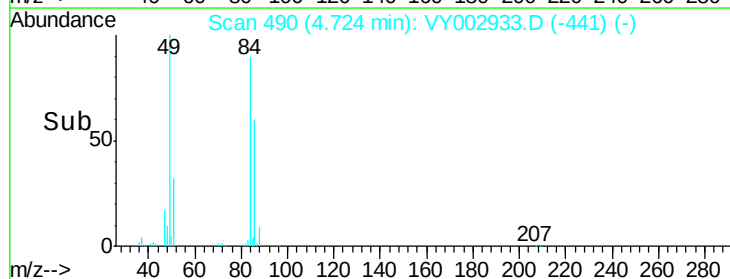
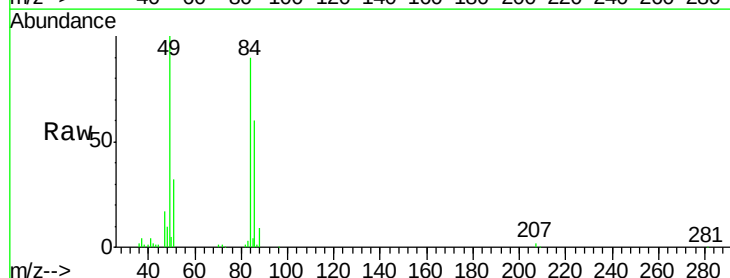
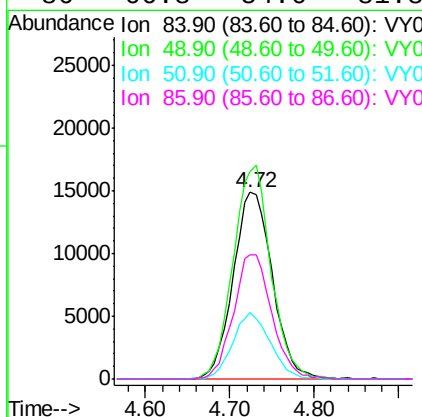
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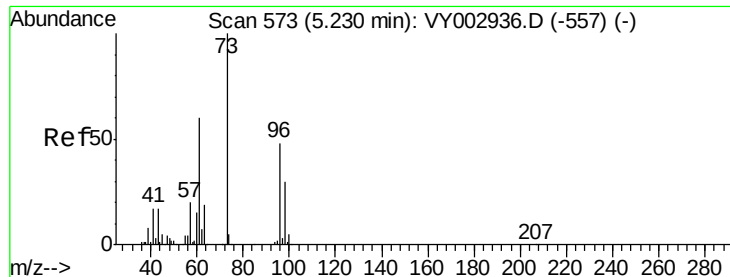
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#20
Methylene Chloride
Concen: 9.036 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	90.0	135.0
51	35.7	27.9	41.9
86	66.8	54.6	81.8





#21

trans-1,2-Dichloroethene

Concen: 5.423 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

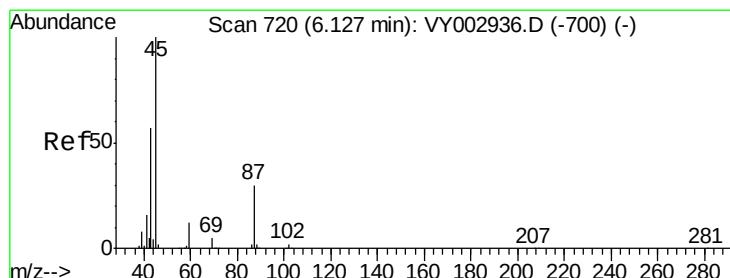
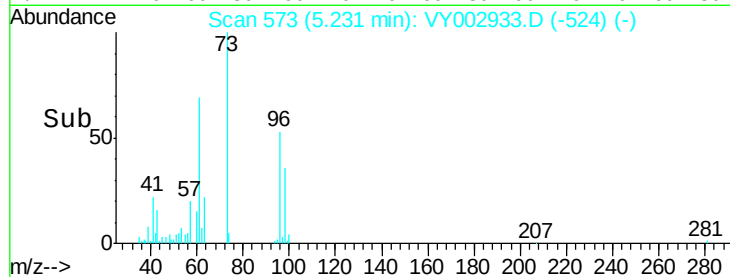
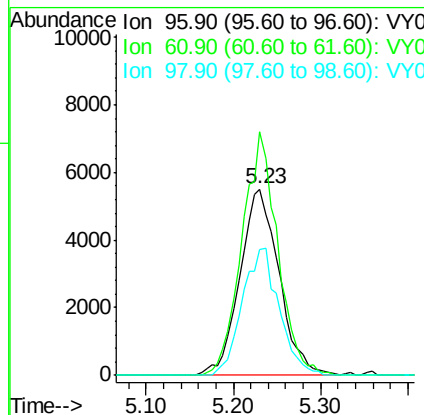
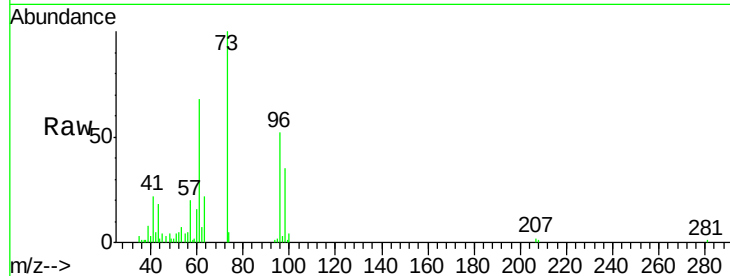
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	17201
Ion	Ratio	Lower	Upper
96	100		
61	130.7	100.6	150.8
98	67.8	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.070 ug/l

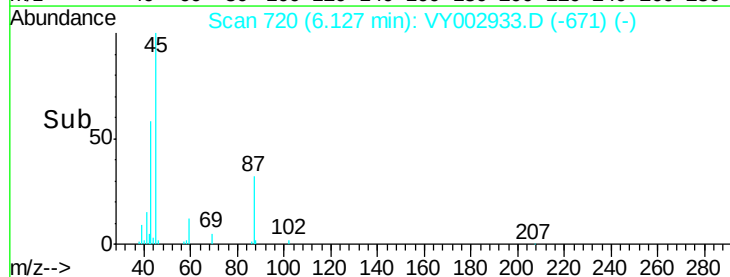
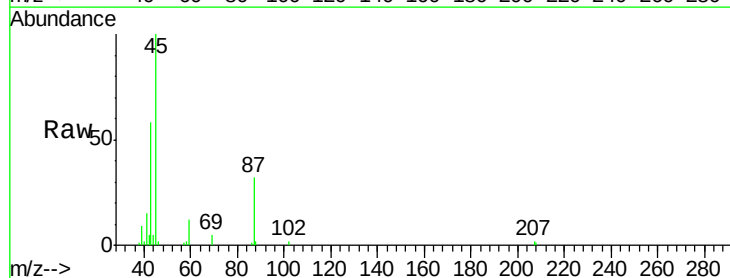
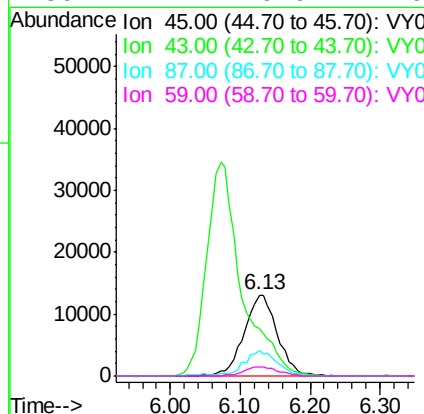
RT: 6.13 min Scan# 720

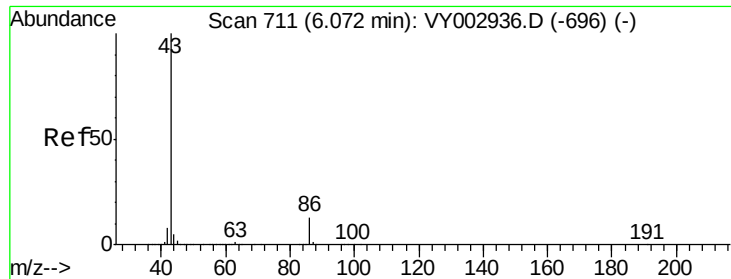
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	45	Resp:	43133
Ion	Ratio	Lower	Upper
45	100		
43	57.9	46.2	69.2
87	32.2	24.9	37.3
59	11.7	9.9	14.9





#23

Vinyl Acetate

Concen: 22.384 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 119420

Ion Ratio Lower Upper

43 100

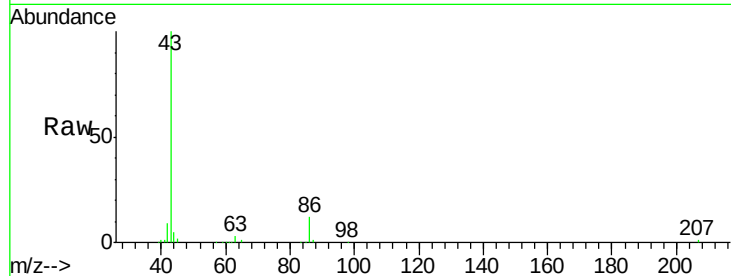
86 12.3 10.6 15.8

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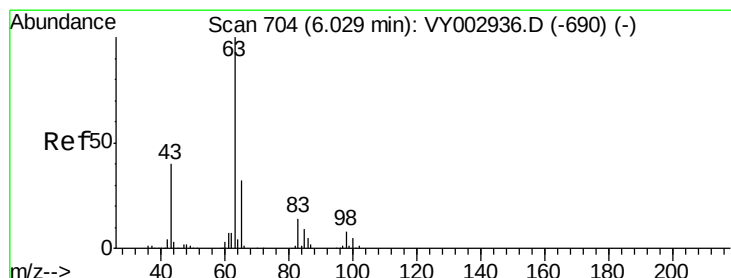
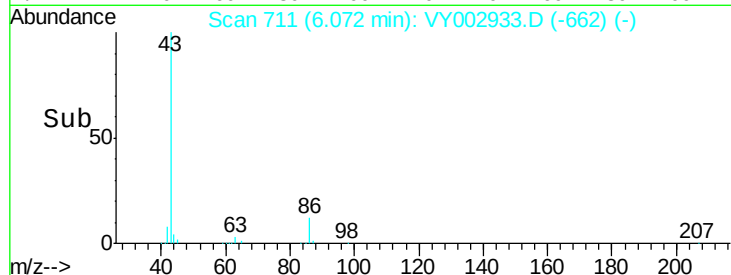


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 5.132 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

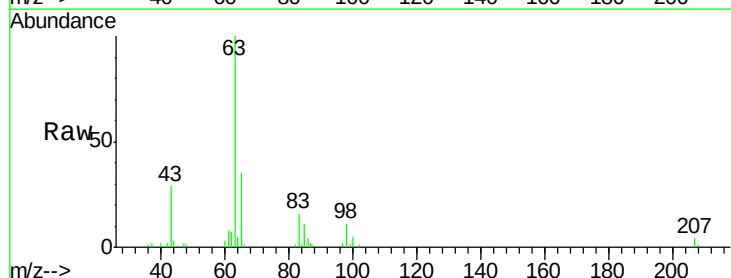
Tgt Ion: 63 Resp: 25713

Ion Ratio Lower Upper

63 100

98 10.6 4.0 12.0

100 5.1 2.5 7.6



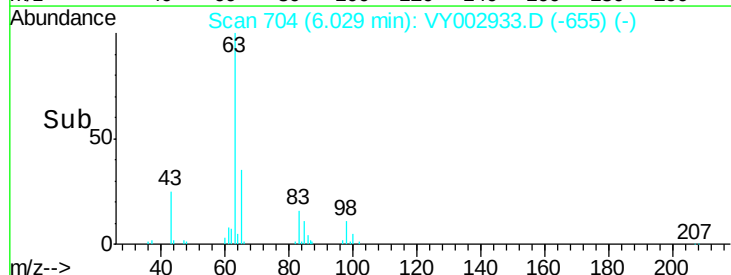
Abundance Ion 62.90 (62.60 to 63.60): VY0

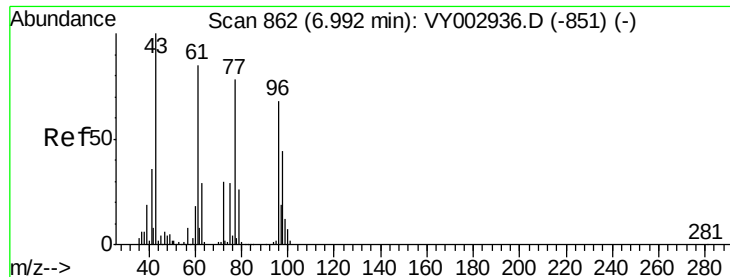
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

Time--> 5.90 6.00 6.10





#25

2-Butanone

Concen: 25.247 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 26621

Ion Ratio Lower Upper

43 100

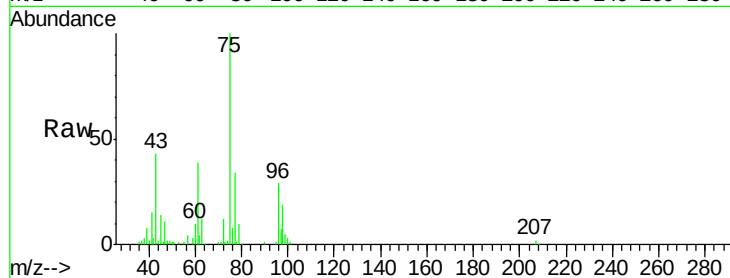
72 27.3 24.2 36.4

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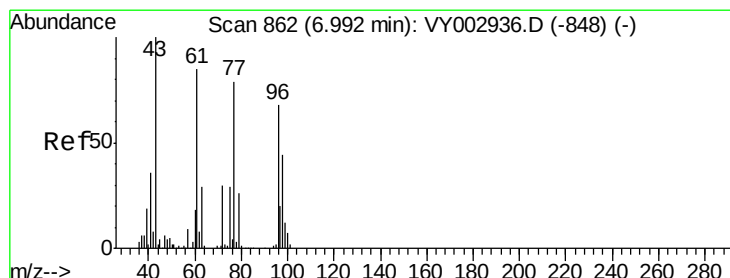
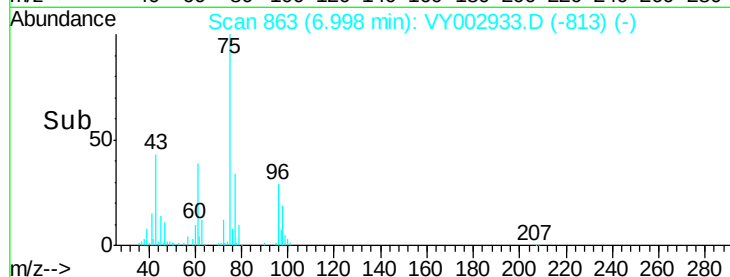
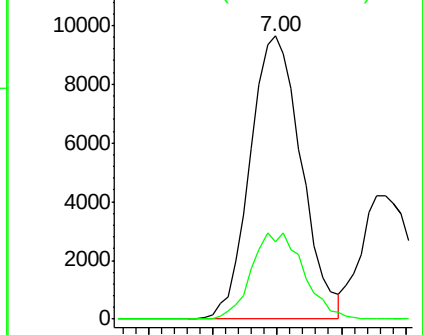
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.425 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002933.D

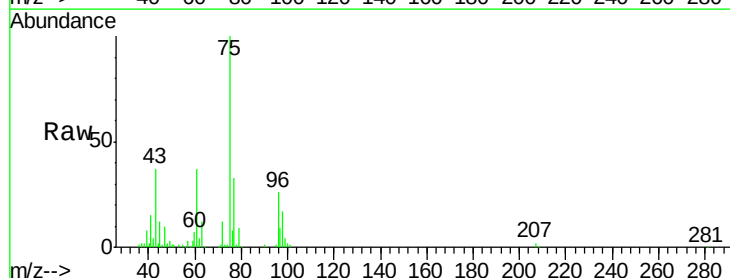
Acq: 19 Jun 2020 12:52

Tgt Ion: 77 Resp: 25815

Ion Ratio Lower Upper

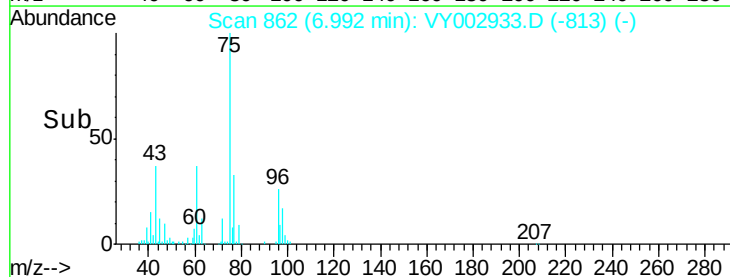
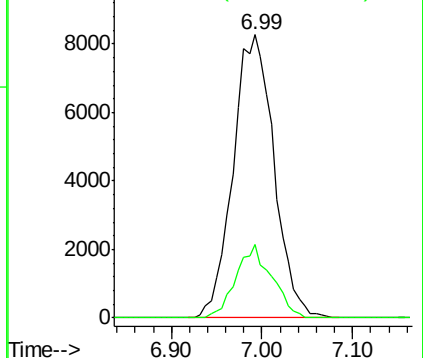
77 100

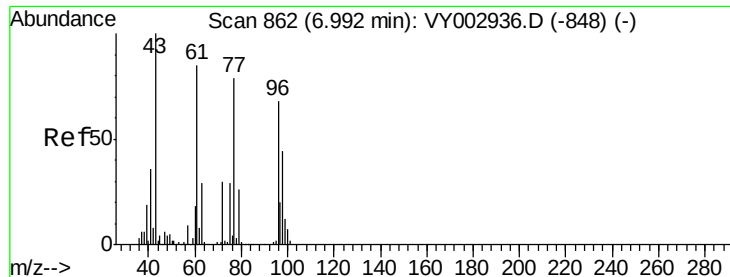
97 22.6 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

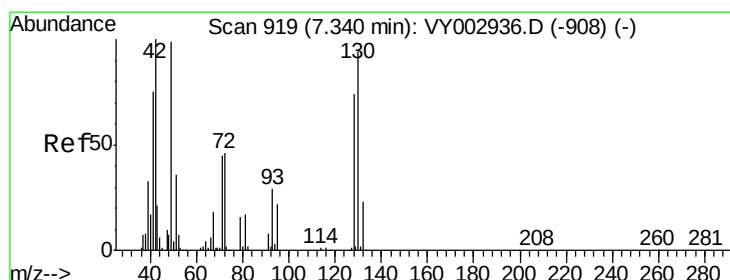
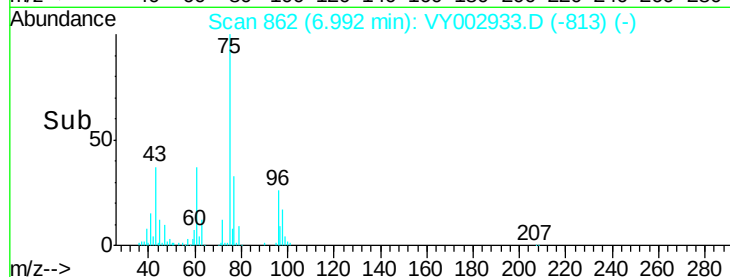
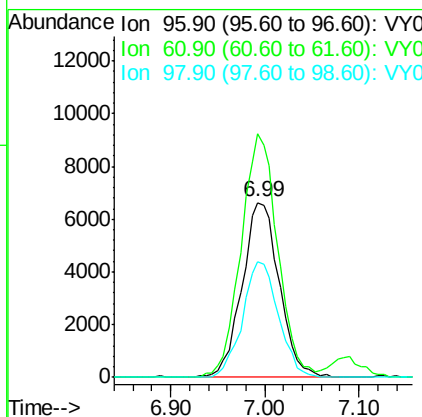
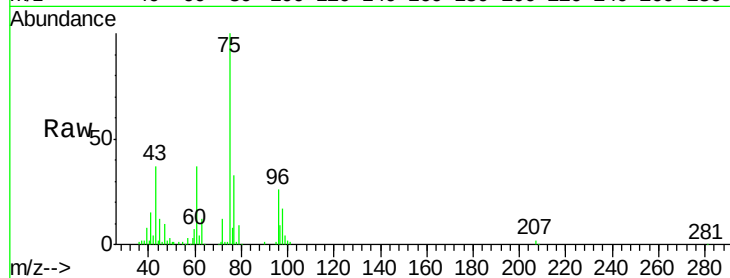
cis-1,2-Dichloroethene
Concen: 5.164 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	257.0
98	63.3	0.0	129.8

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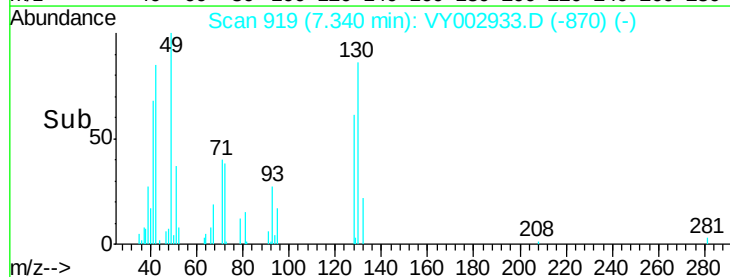
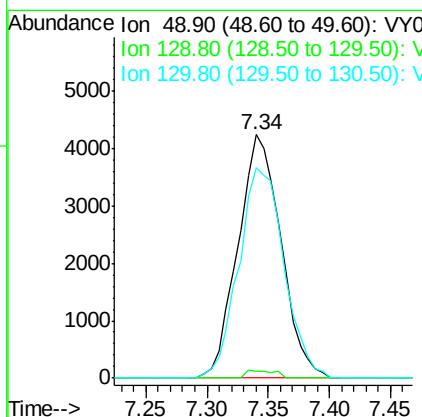
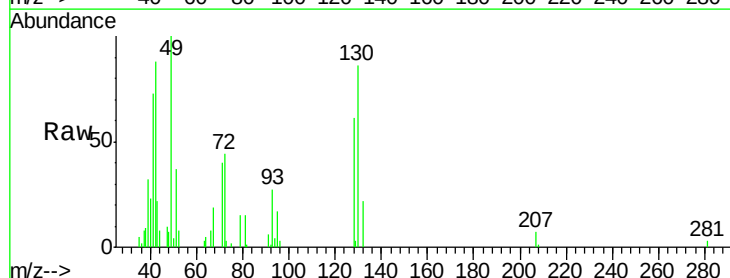
MMDadoda
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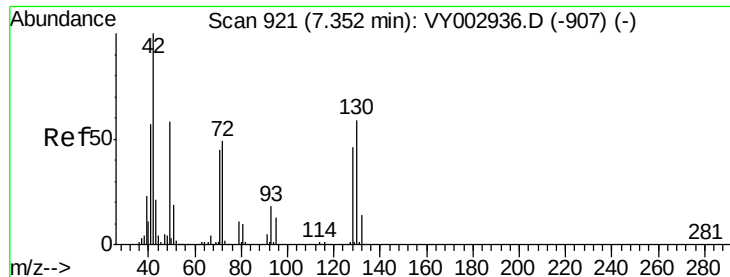


#28

Bromochloromethane
Concen: 4.972 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	91.1	78.4	117.6





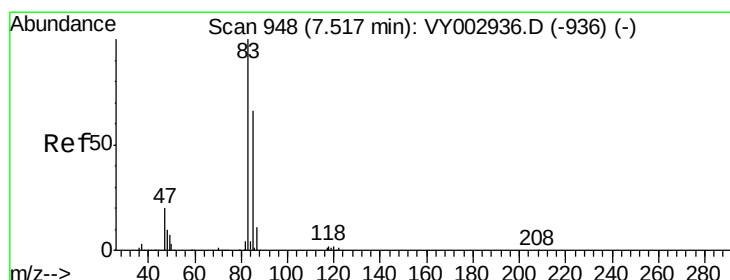
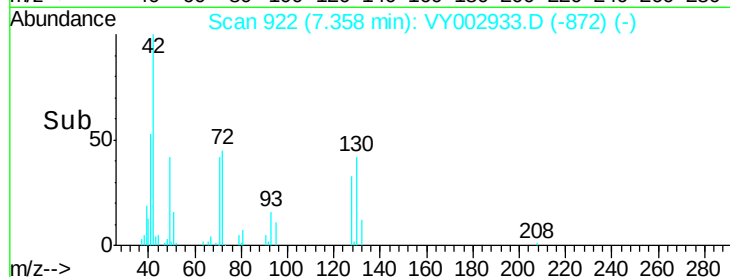
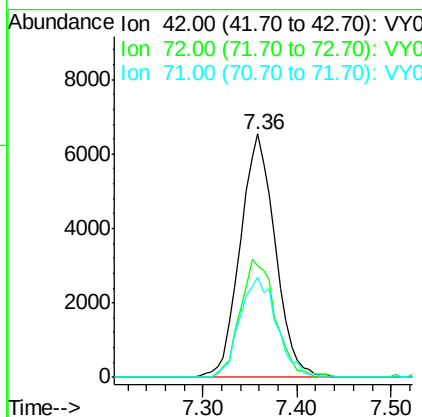
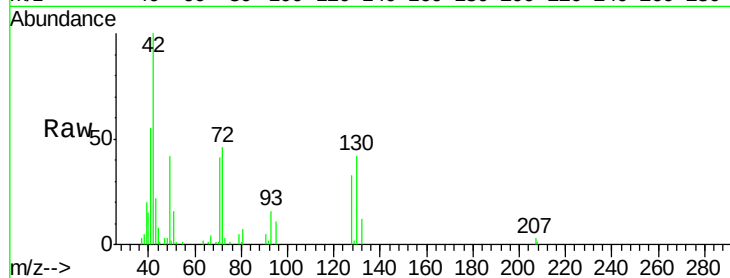
#29
Tetrahydrofuran
Concen: 25.075 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	17050
Ion	Ratio	Lower	Upper
42	100		
72	48.4	39.1	58.7
71	43.2	36.4	54.6

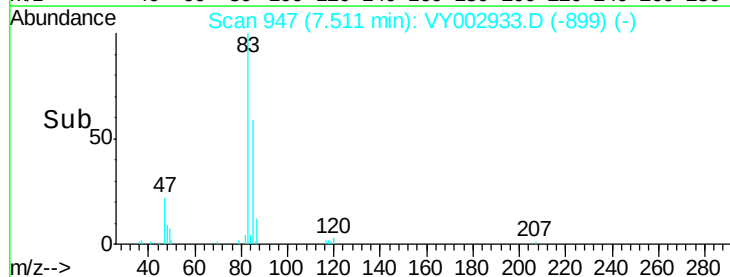
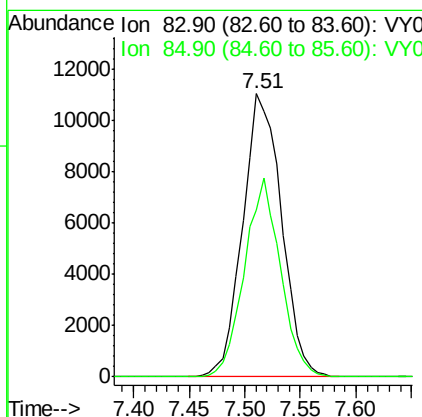
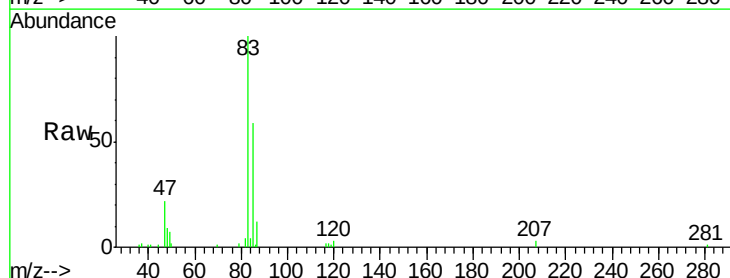
Manual Integrations
APPROVED

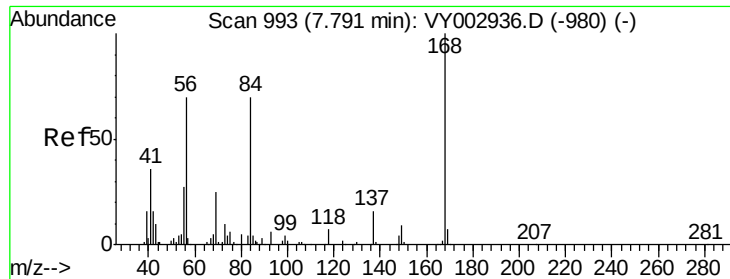
MMDadoda
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#30
Chloroform
Concen: 5.104 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion:	83	Resp:	26801
Ion	Ratio	Lower	Upper
83	100		
85	59.2	53.1	79.7





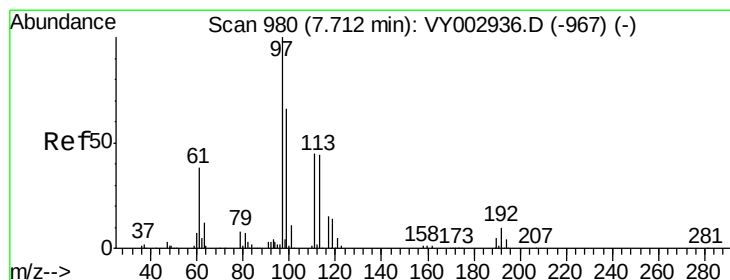
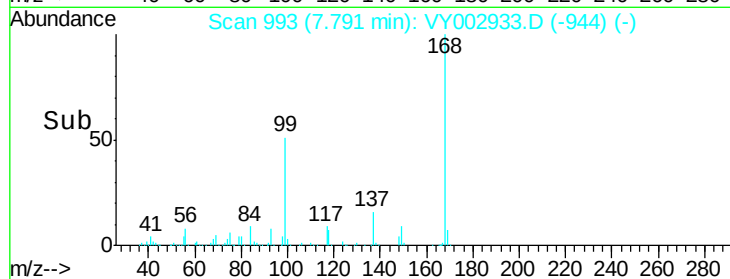
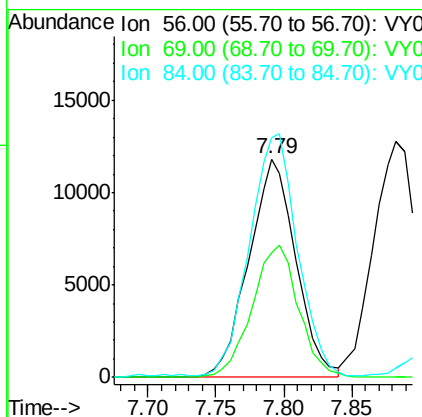
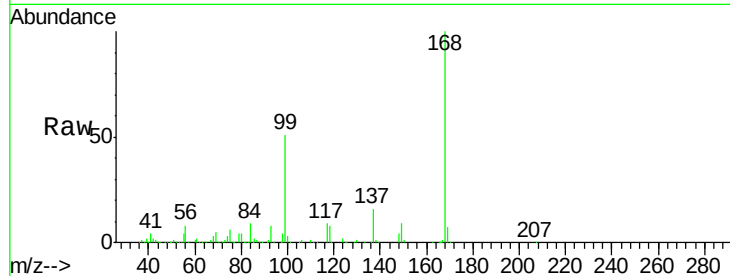
#31
Cyclohexane
Concen: 5.776 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	57.2	28.9	43.3#
84	109.2	80.1	120.1

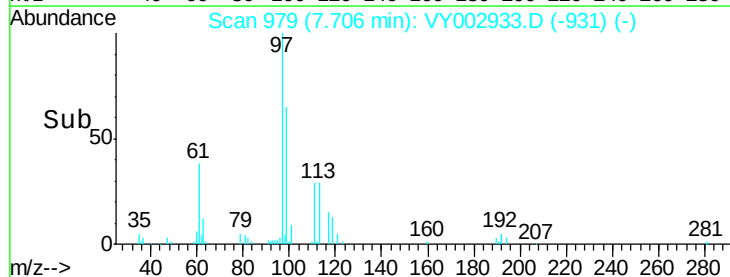
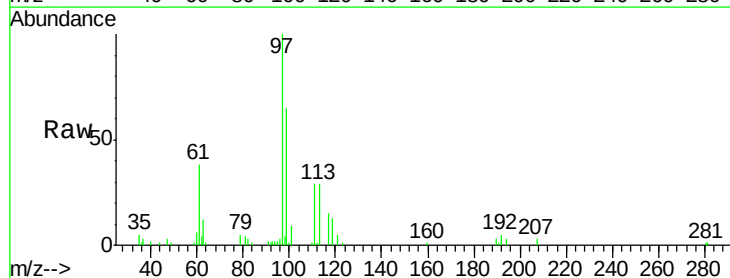
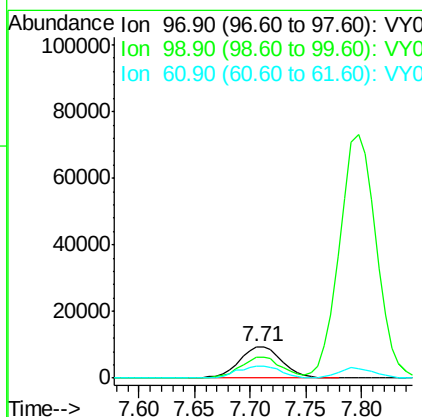
Manual Integrations
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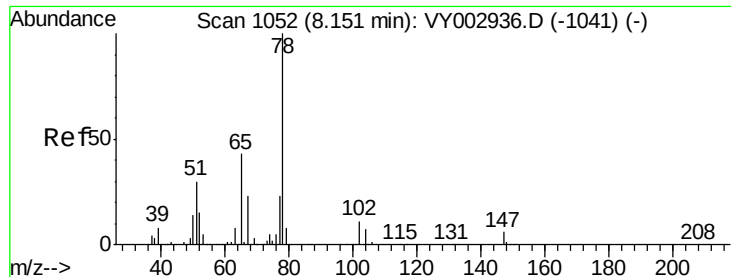
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.206 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.2	78.2
61	39.8	30.3	45.5





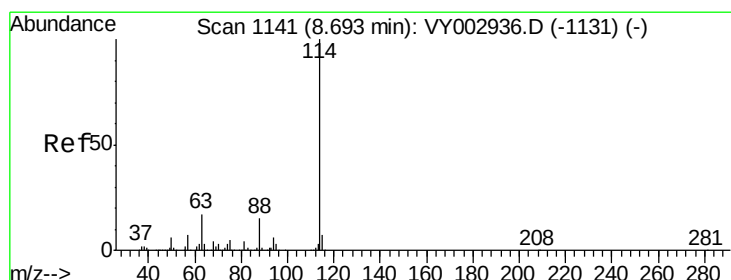
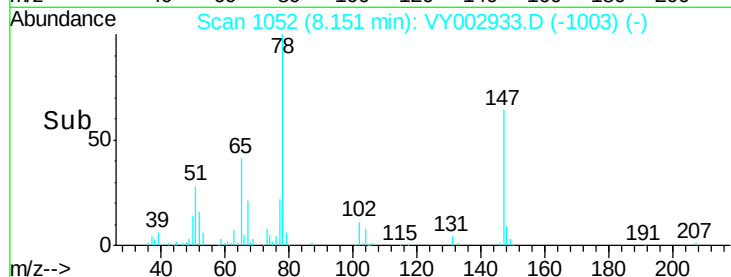
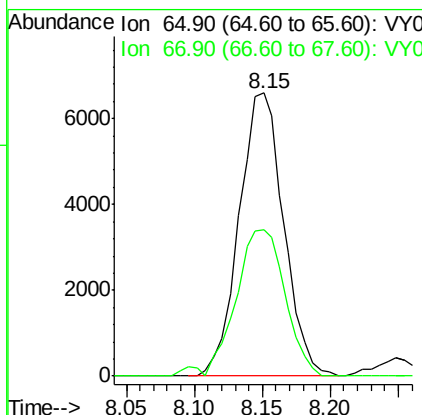
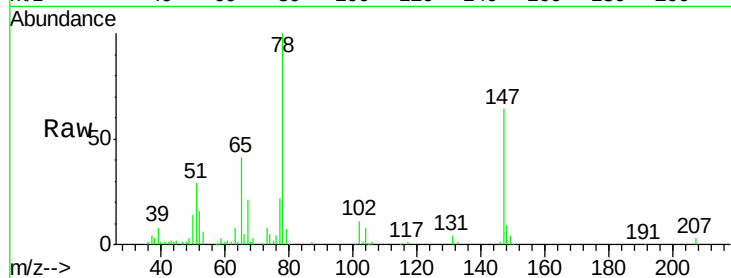
#33
 1,2-Dichloroethane-d4
 Concen: 5.274 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.4	0.0	109.4	

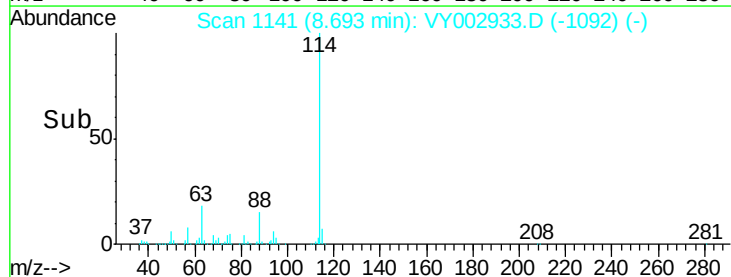
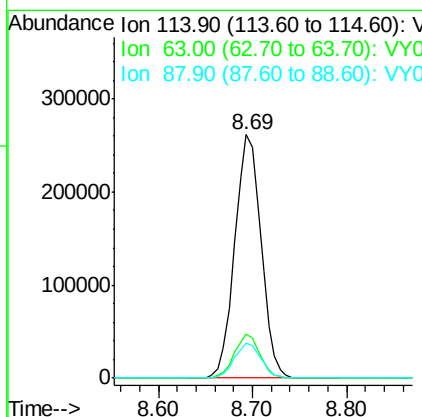
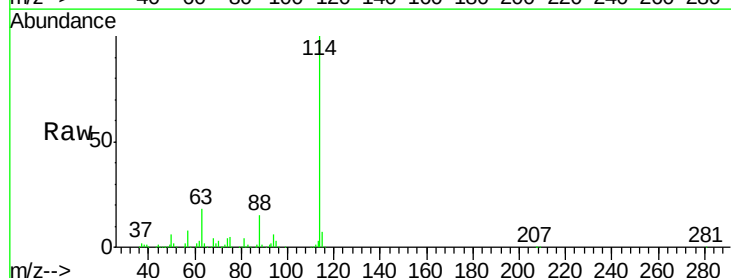
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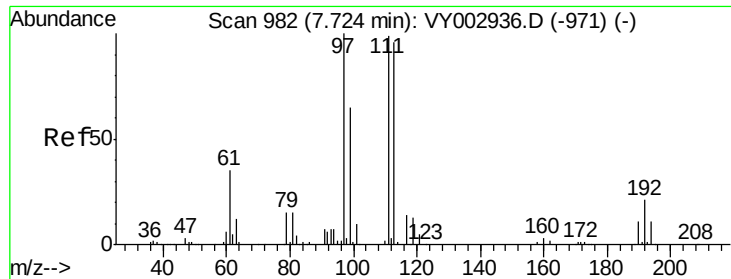
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	34.6	
88	14.6	0.0	29.2	





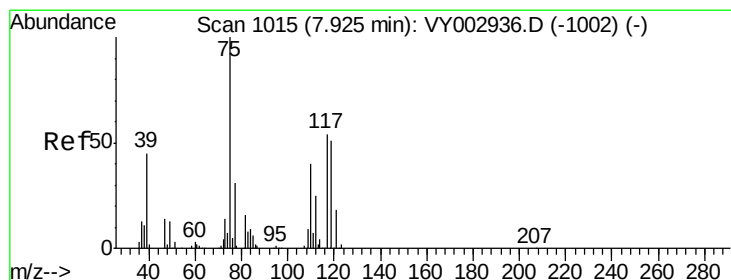
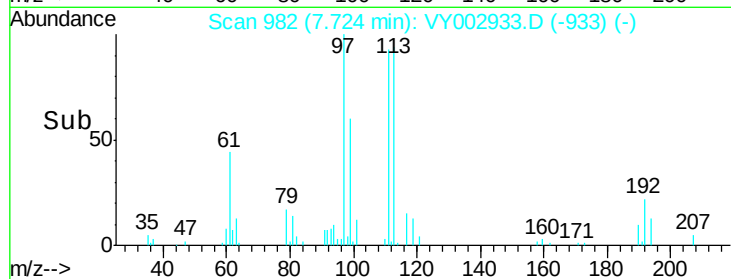
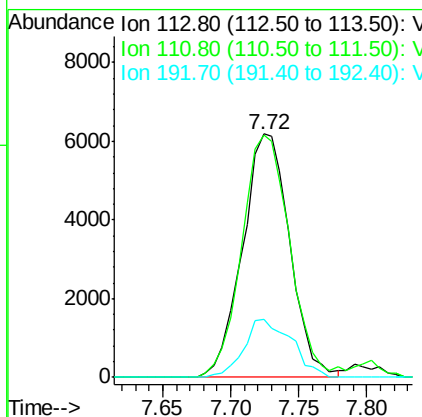
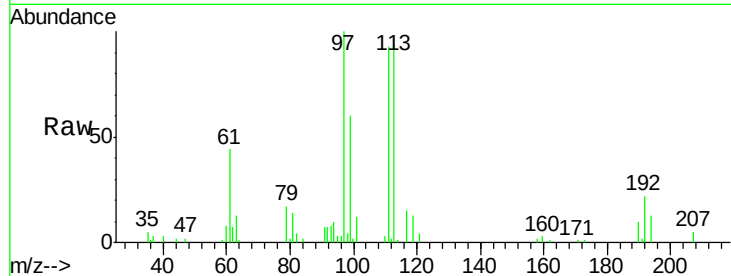
#35
 Dibromofluoromethane
 Concen: 5.154 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.5	122.3
192	24.1	19.2	28.8

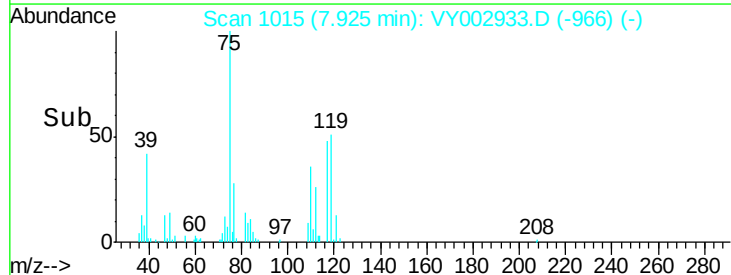
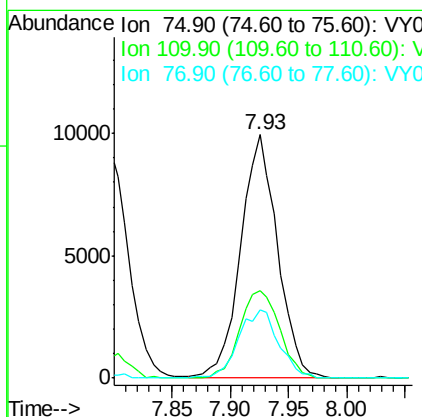
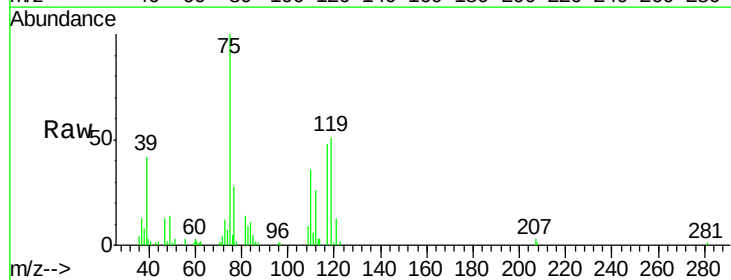
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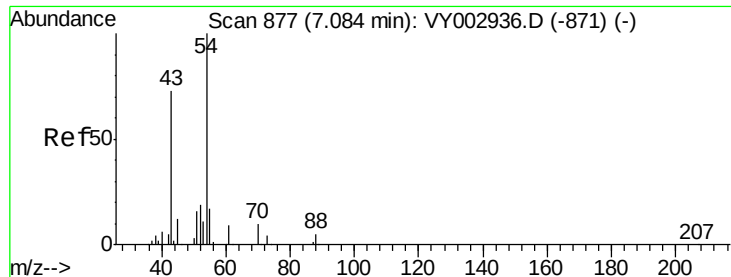
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#36
 1,1-Dichloropropene
 Concen: 5.316 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.7	59.0
77	30.4	25.0	37.4





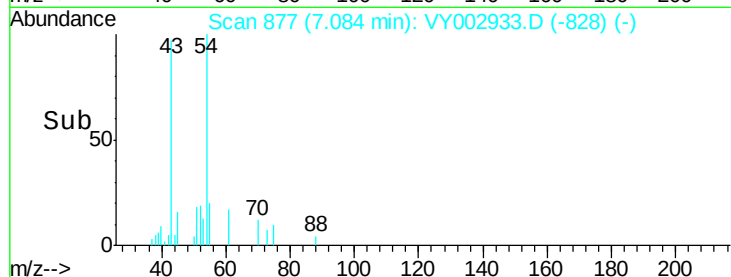
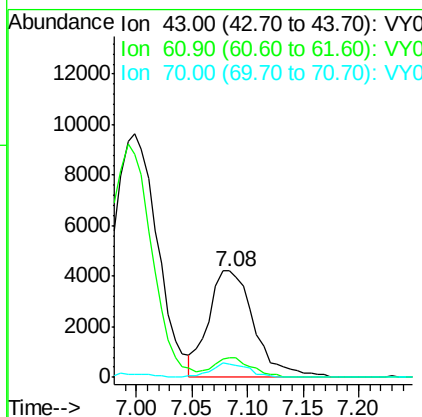
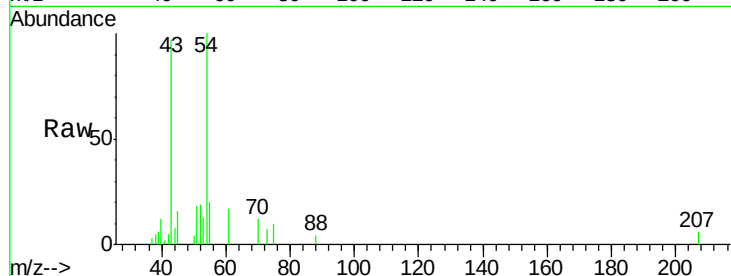
#37
Ethyl Acetate
Concen: 5.179 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.3	18.5
70	10.8	9.7	14.5

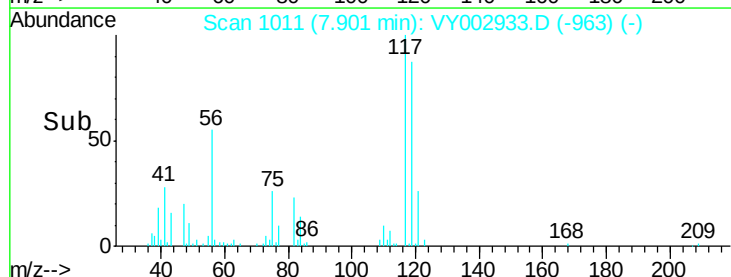
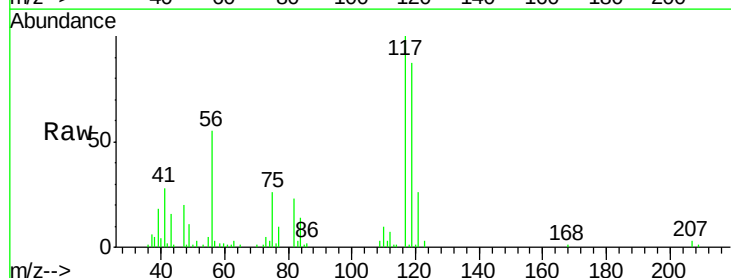
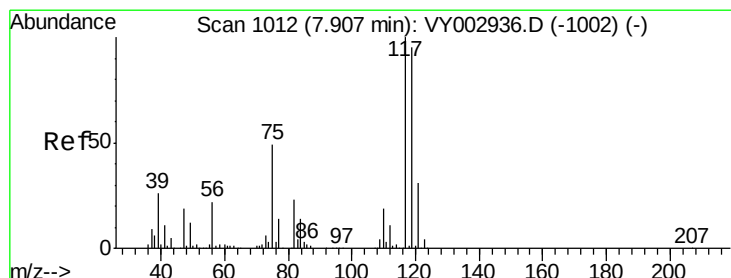
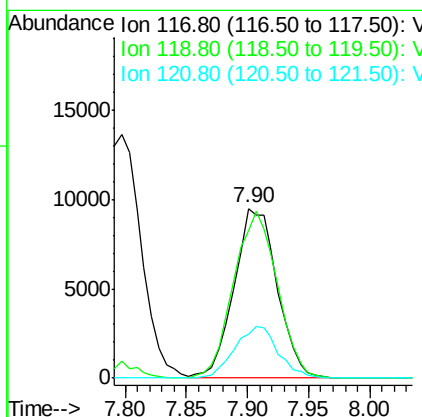
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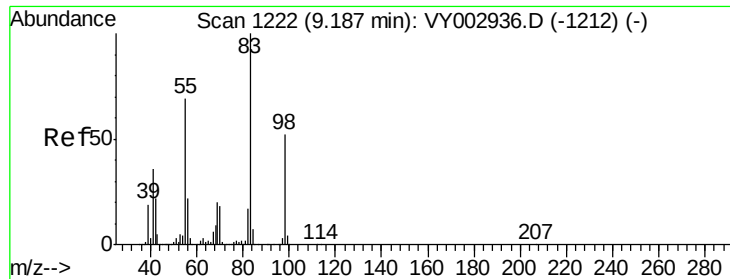
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#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.7	76.1	114.1
121	25.9	24.8	37.2





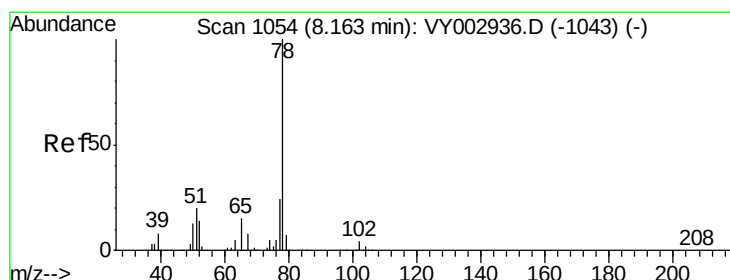
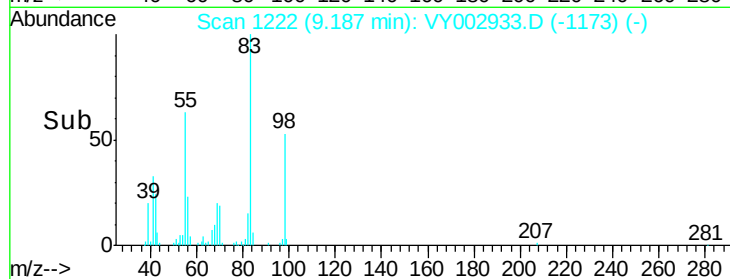
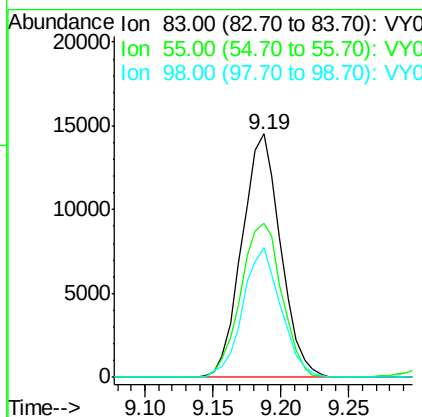
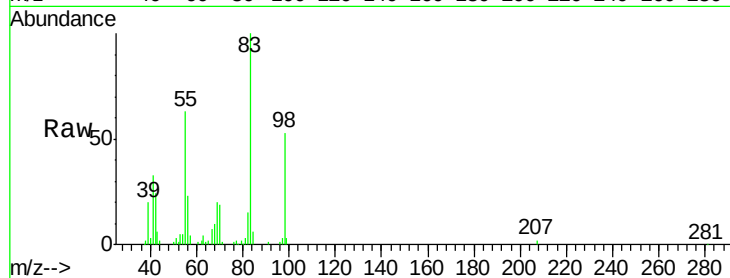
#39
Methylvlcyclohexane
Concen: 5.375 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.4	55.0	82.4
98	53.3	41.4	62.2

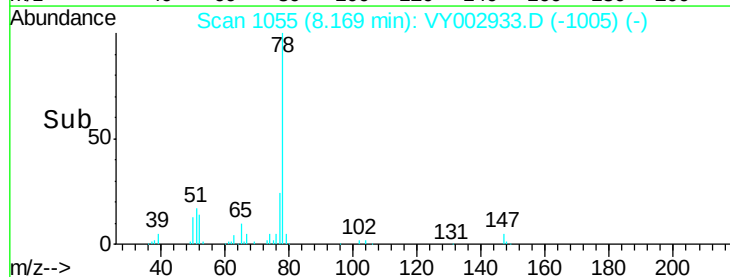
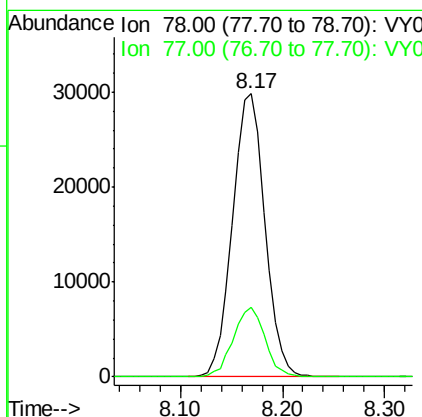
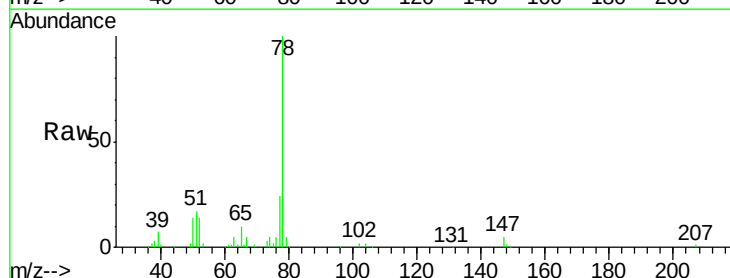
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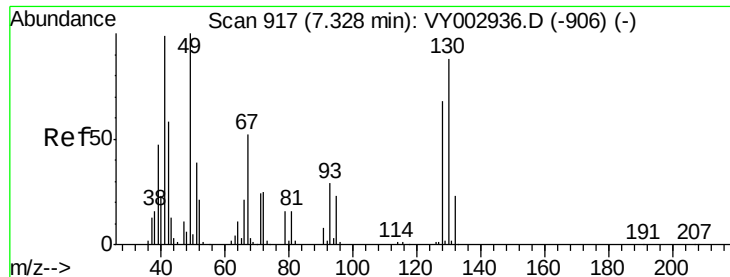
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#40
Benzene
Concen: 5.328 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41

Methacrylonitrile

Concen: 2.467 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 5169

Ion Ratio Lower Upper

41 100

39 71.2 96.6 144.8#

67 0.0 0.0 0.0

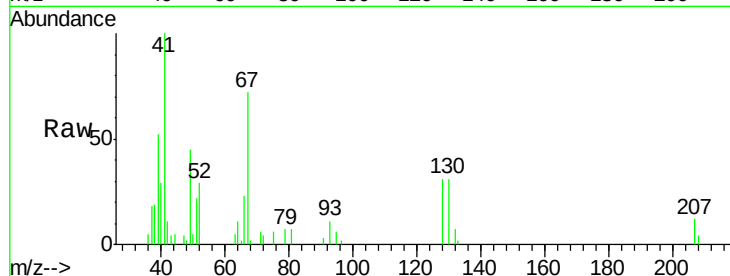
52 0.0 0.0 0.0

Manual Integrations

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MMDadoda

6/22/2020 2:06:47 PM

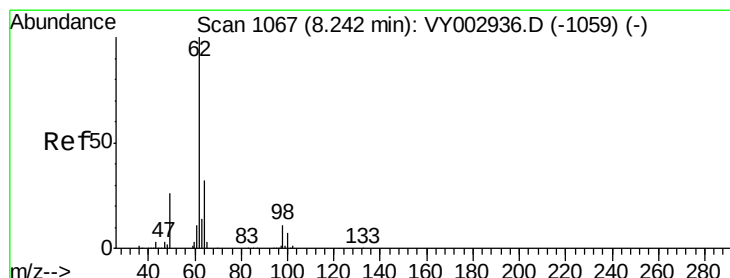
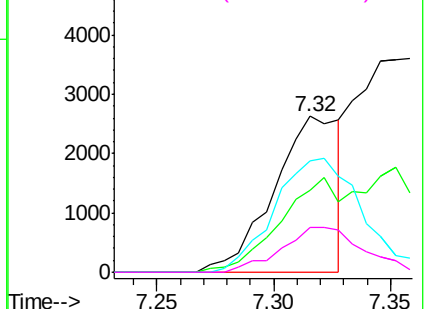
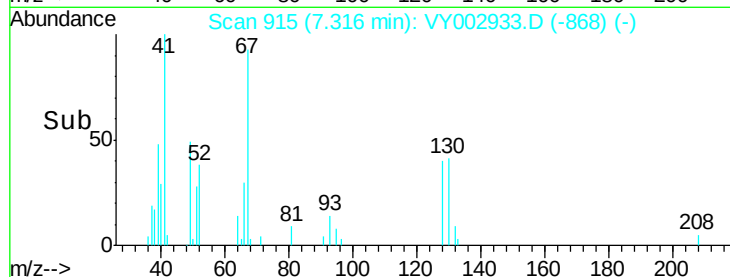


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 5.227 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002933.D

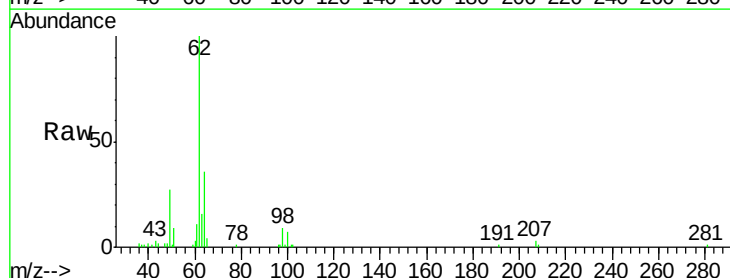
Acq: 19 Jun 2020 12:52

Tgt Ion: 62 Resp: 17910

Ion Ratio Lower Upper

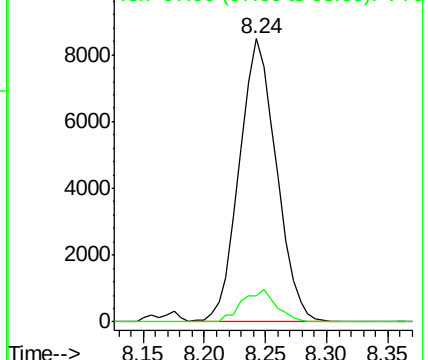
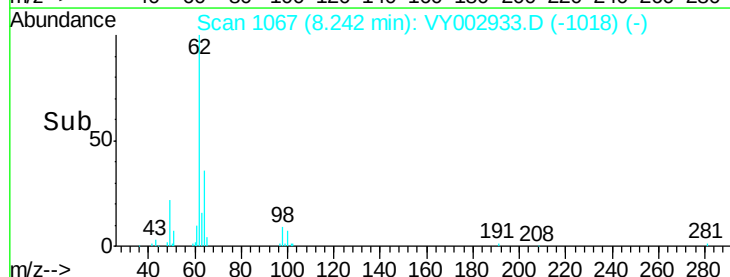
62 100

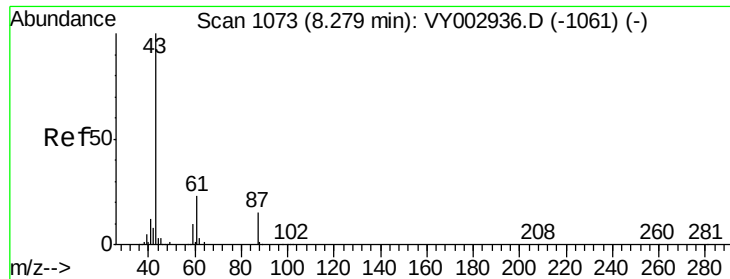
98 10.6 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





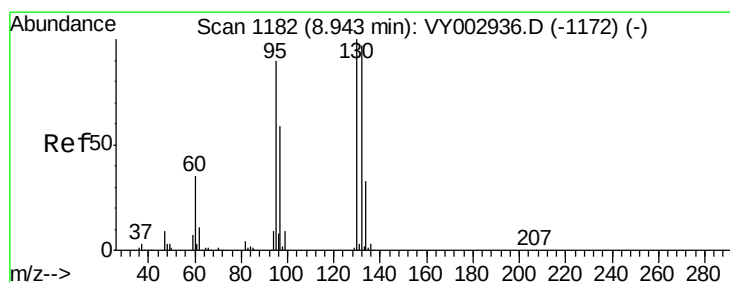
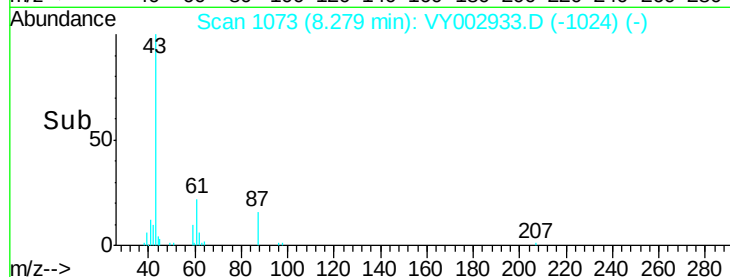
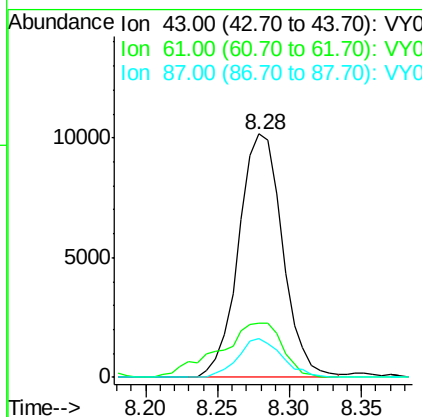
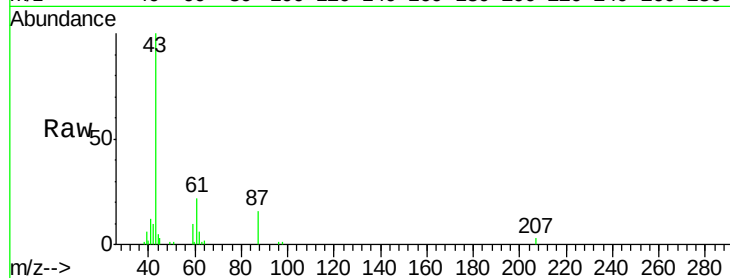
#43
Isopropyl Acetate
Concen: 5.060 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.1	25.0	37.4
87	15.9	12.6	18.8

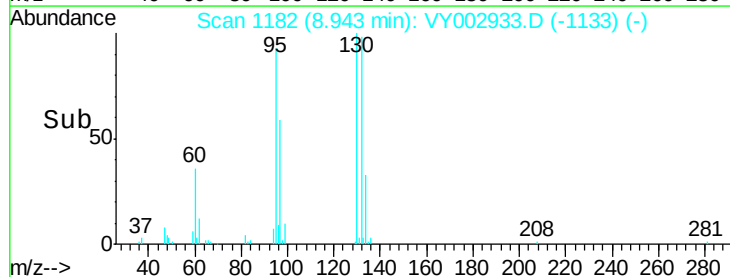
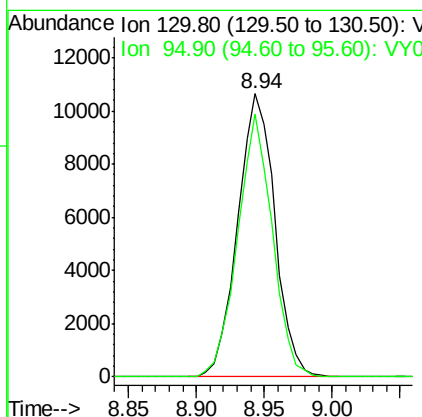
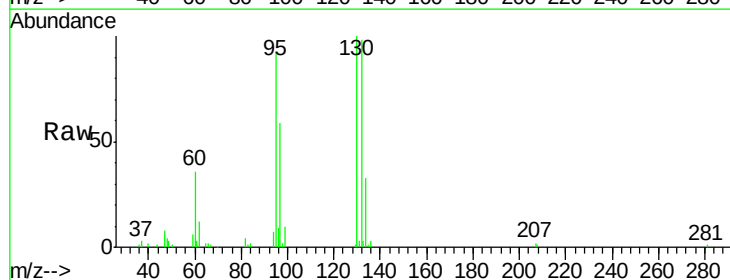
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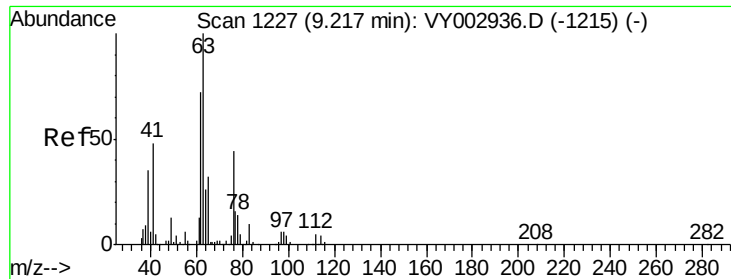
MMDadoda
6/22/2020 2:06:47 PM



#44
Trichloroethene
Concen: 5.296 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	179.6





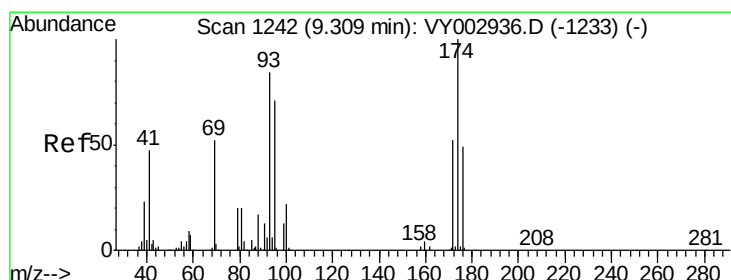
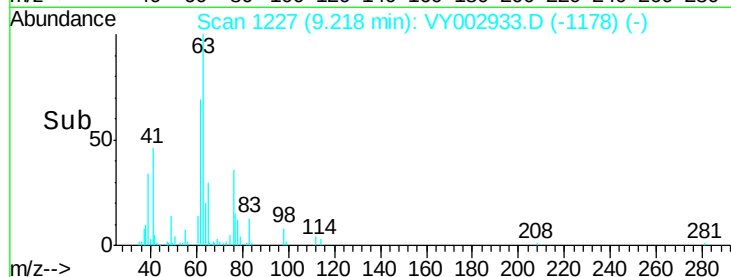
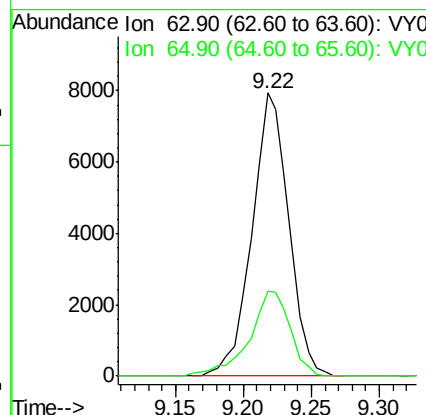
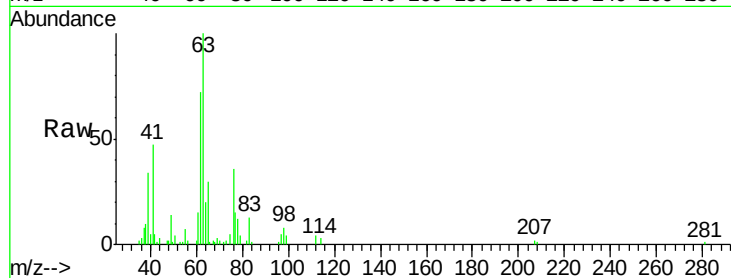
#45
 1,2-Dichloropropane
 Concen: 5.049 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.5	38.3

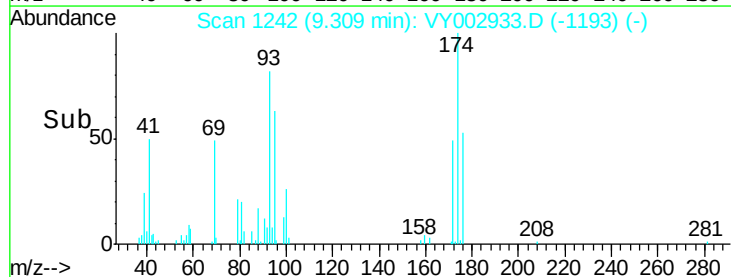
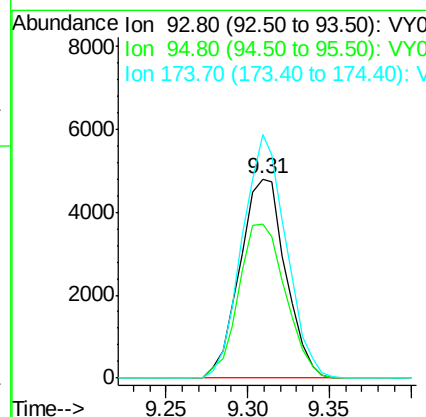
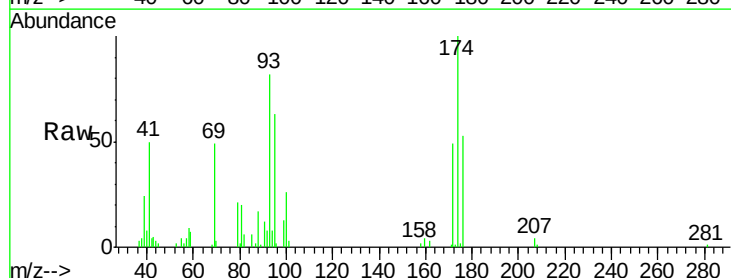
Manual Integrations
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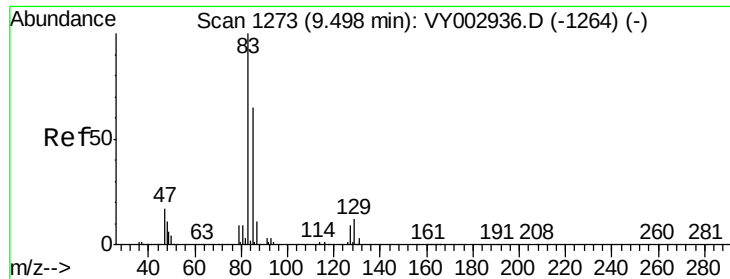
MMDadoda
 6/22/2020 2:06:47 PM



#46
 Dibromomethane
 Concen: 5.283 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.1	66.4	99.6
174	116.9	95.1	142.7





#47

Bromodichloromethane

Concen: 4.921 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

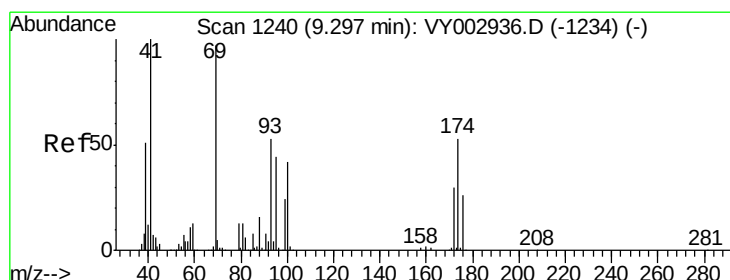
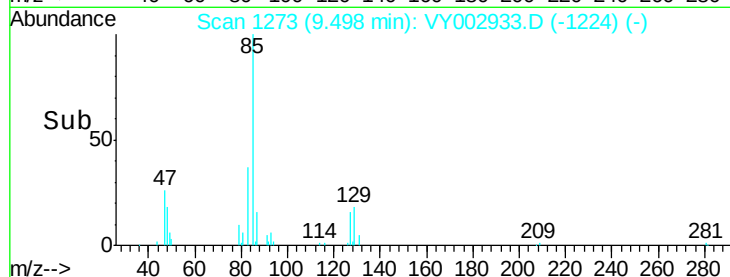
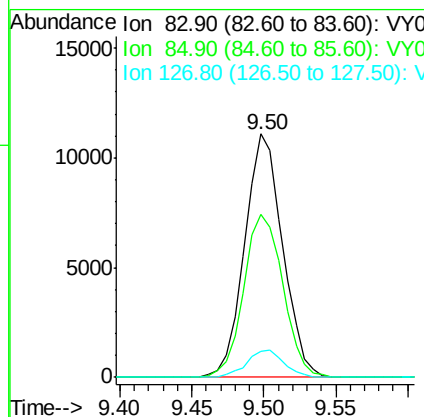
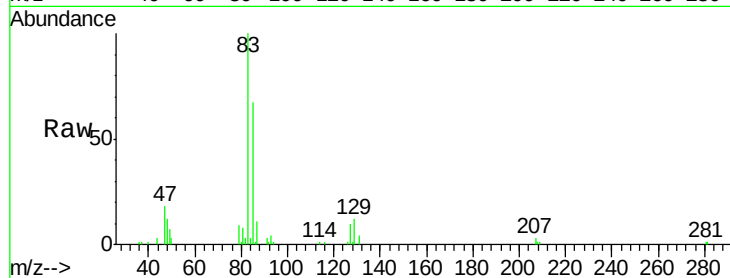
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20186
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.9	77.9
127	10.5	7.4	11.0

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#48

Methyl methacrylate

Concen: 4.924 ug/l

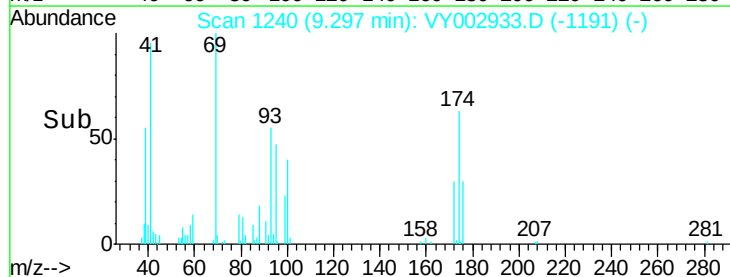
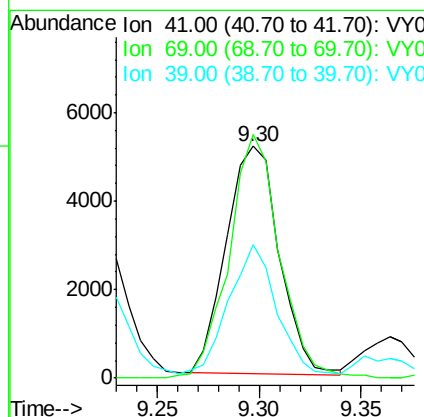
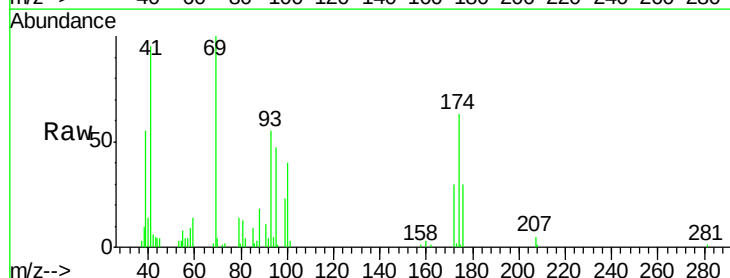
RT: 9.30 min Scan# 1240

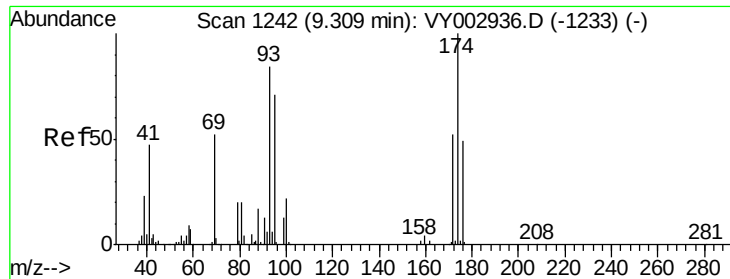
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	41	Resp:	9297
Ion	Ratio	Lower	Upper
41	100		
69	101.5	79.4	119.0
39	55.0	41.1	61.7





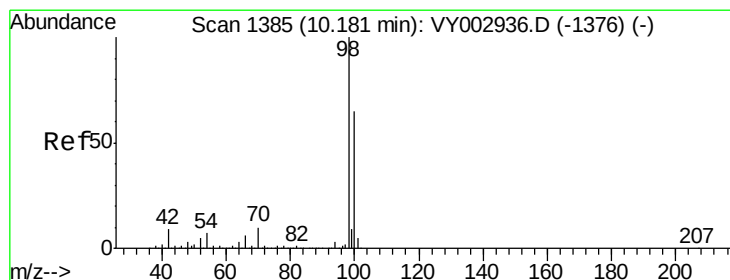
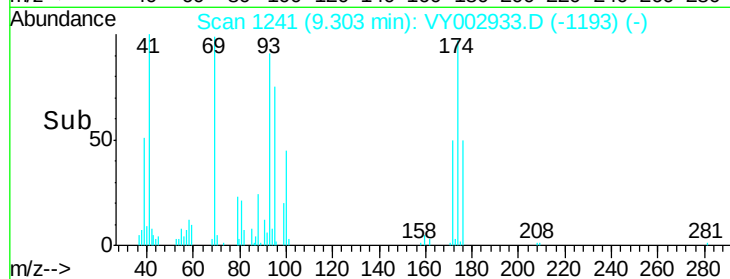
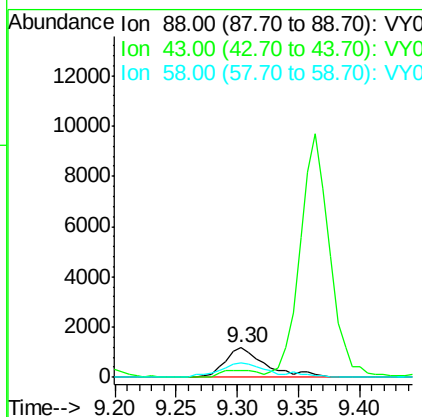
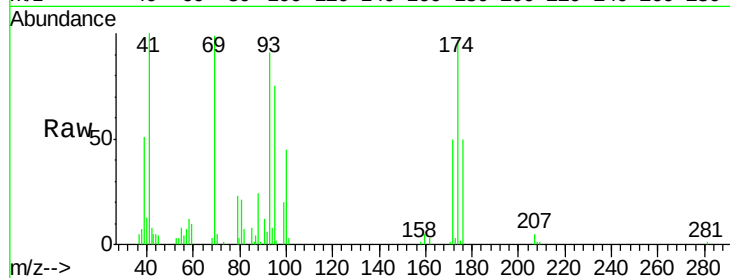
#49
1,4-Dioxane
Concen: 106.908 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	21.8	21.0	31.6
58	51.8	51.5	77.3

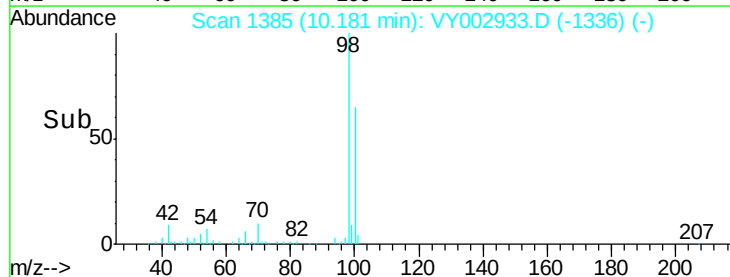
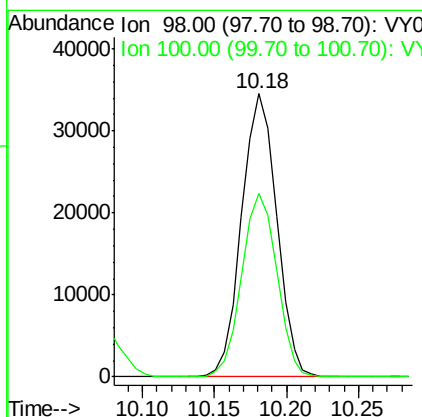
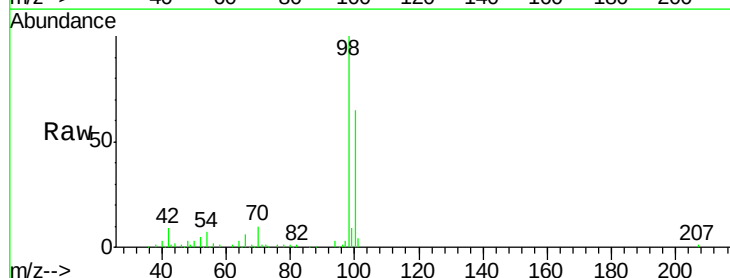
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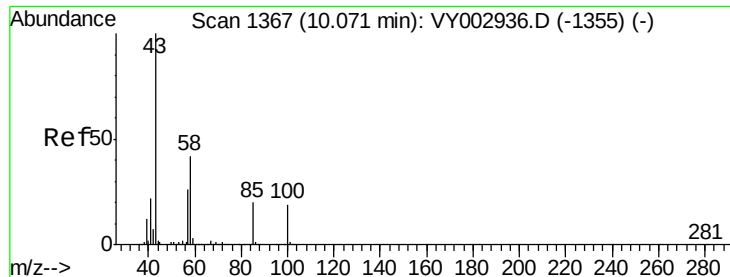
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#50
Toluene-d8
Concen: 5.116 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





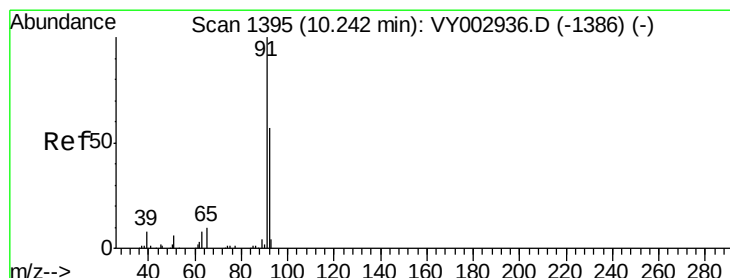
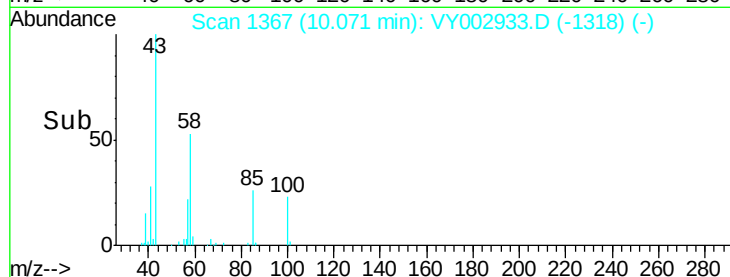
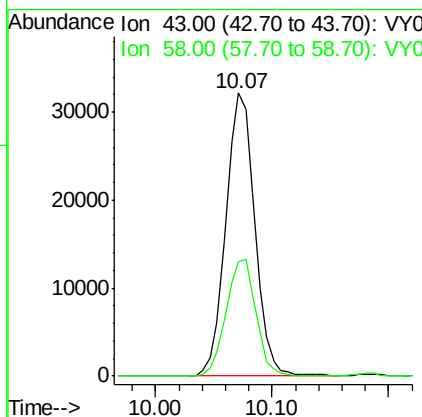
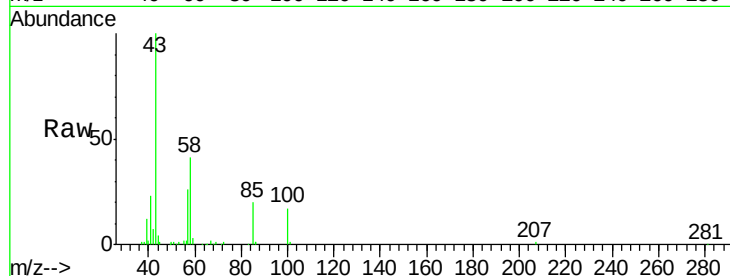
#51
 4-Methyl-2-Pentanone
 Concen: 24.587 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	43	Resp	55753
Ion	Ratio	Lower	Upper
43	100		
58	42.3	33.9	50.9

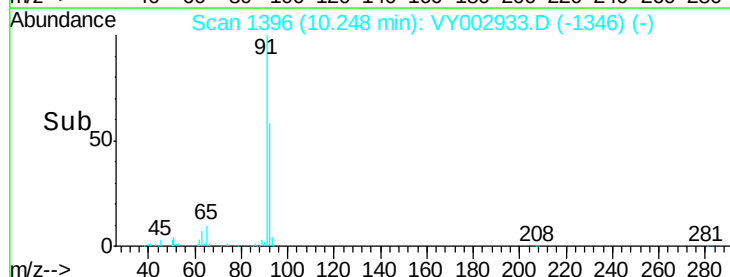
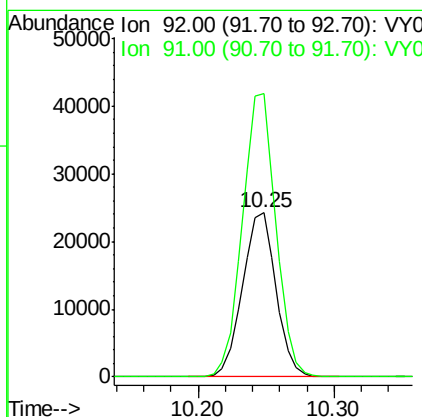
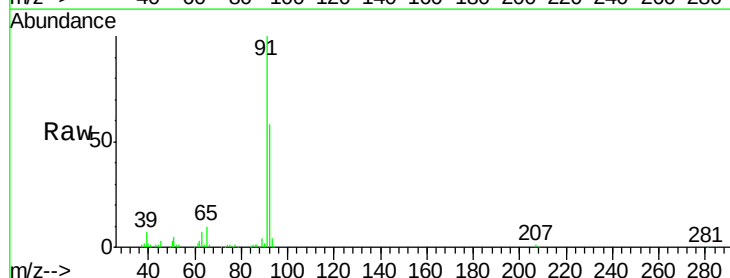
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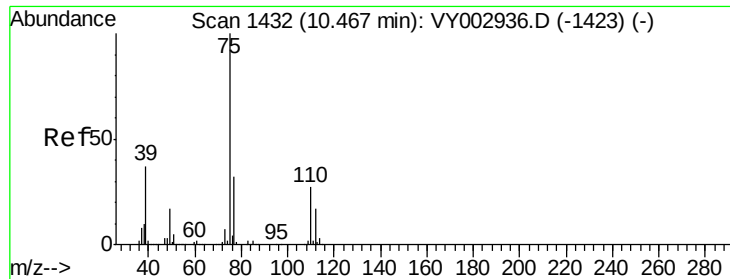
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#52
 Toluene
 Concen: 5.226 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	92	Resp	41615
Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 5.020 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 22304

Ion Ratio Lower Upper

75 100

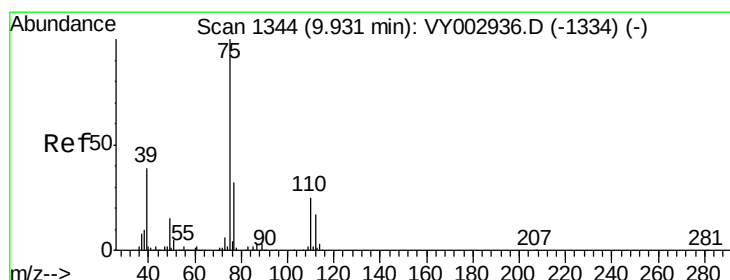
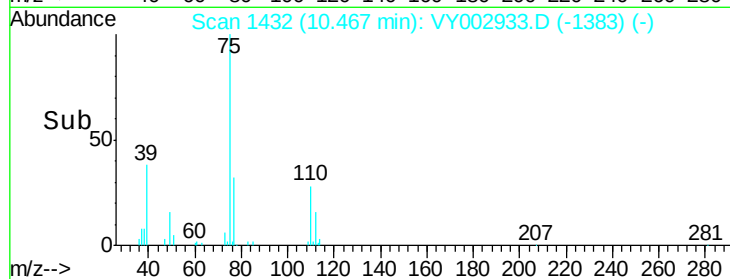
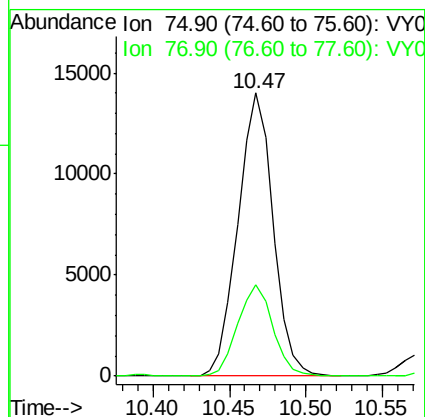
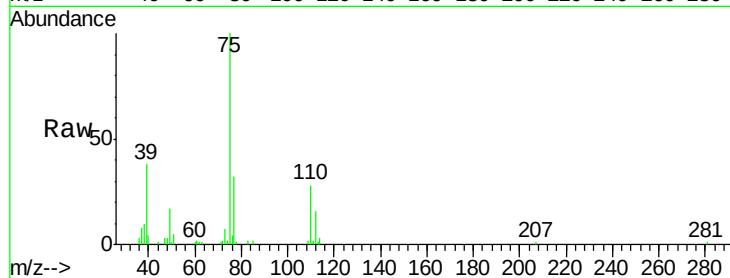
77 32.2 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 4.988 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

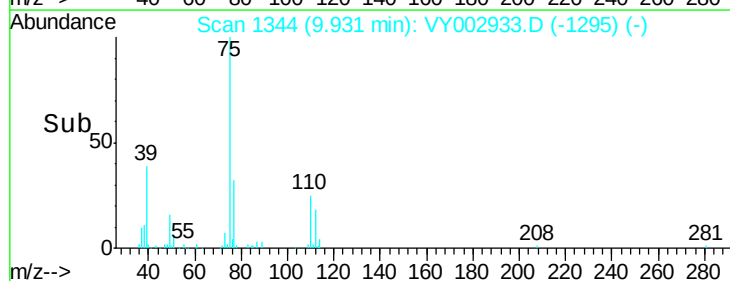
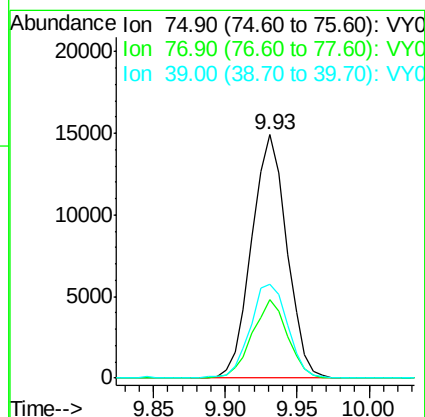
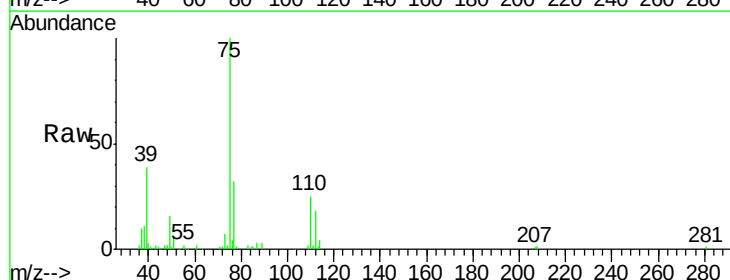
Tgt Ion: 75 Resp: 25146

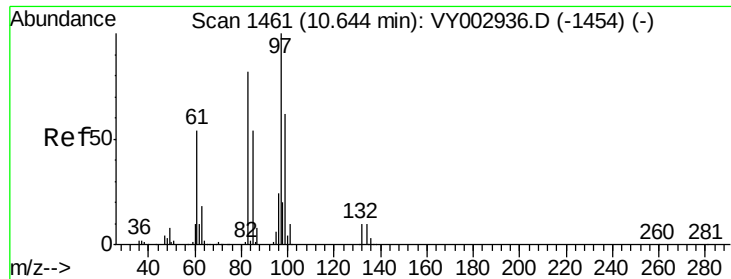
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 38.8 31.4 47.0





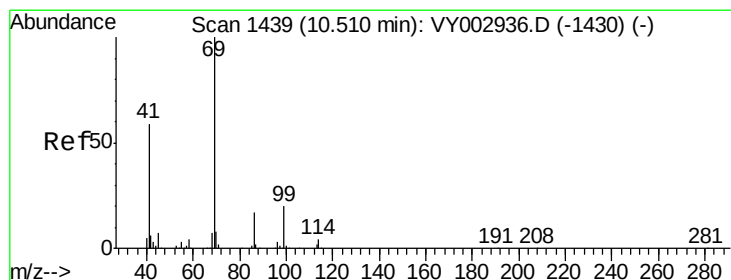
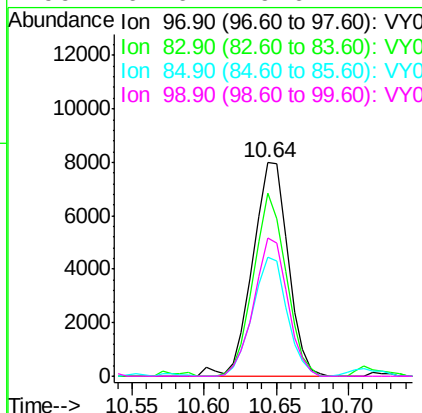
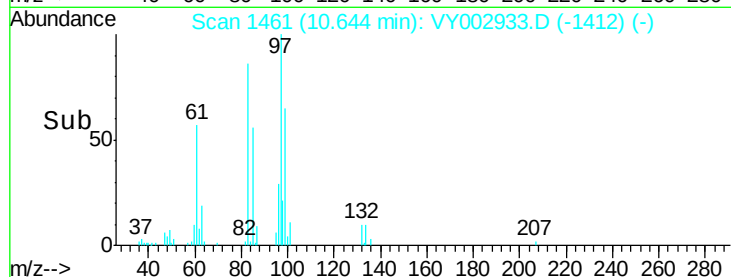
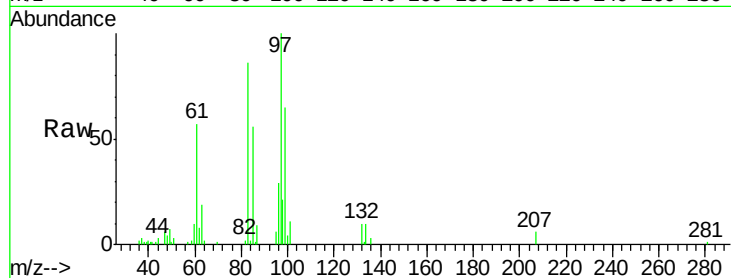
#55
 1,1,2-Trichloroethane
 Concen: 5.136 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	13634
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.9	98.9
85	54.8	43.1	64.7
99	64.6	49.6	74.4

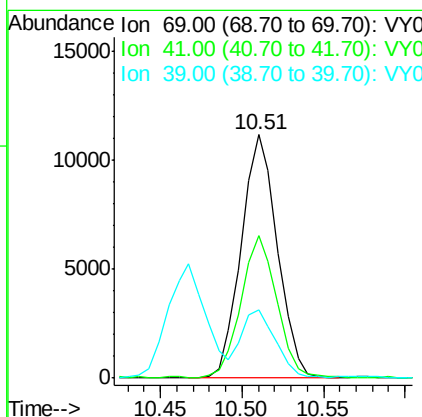
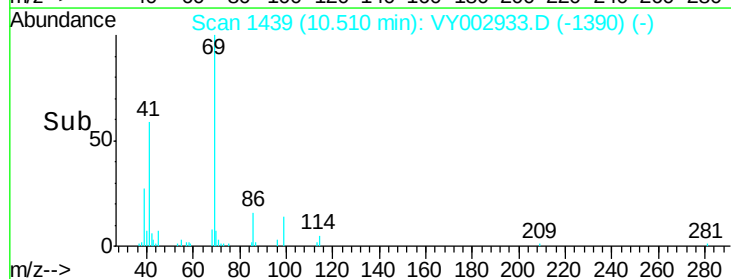
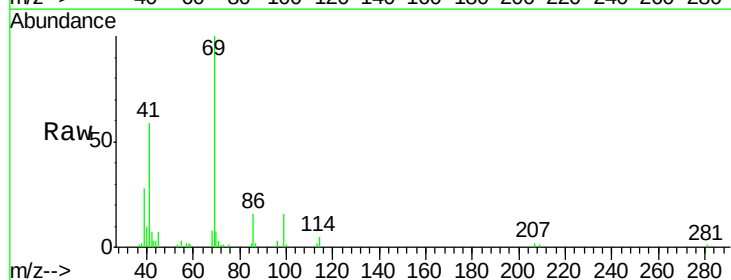
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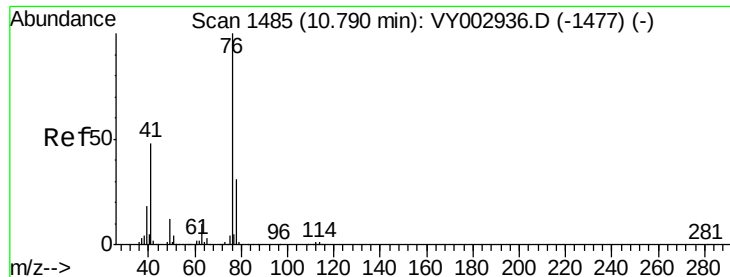
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#56
 Ethyl methacrylate
 Concen: 4.941 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion:	69	Resp:	17275
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.4	69.6
39	26.6	21.4	32.0





#57

1,3-Dichloropropane

Concen: 5.125 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 22708

Ion Ratio Lower Upper

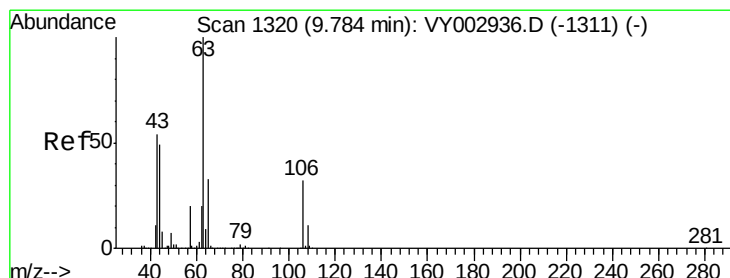
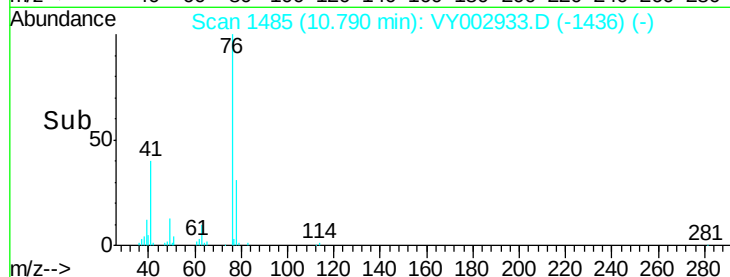
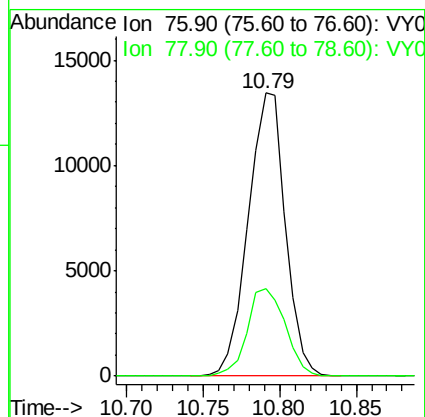
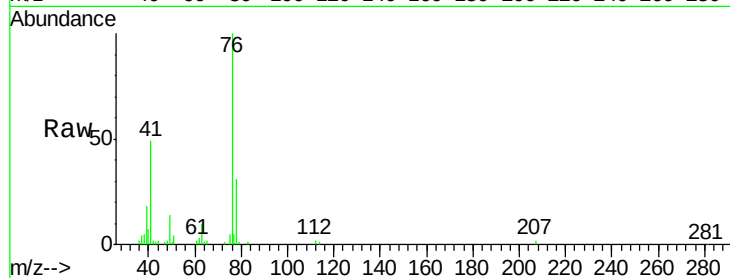
76 100

78 31.7 25.4 38.2

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#58

2-Chloroethyl Vinyl ether

Concen: 24.486 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002933.D

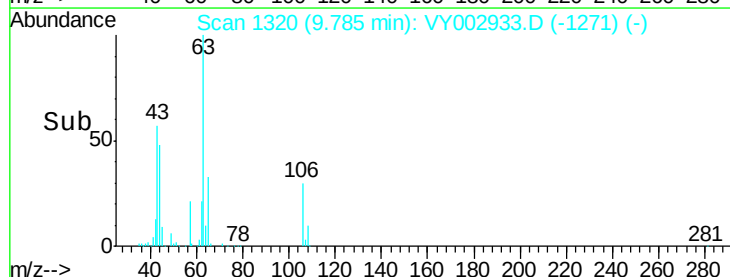
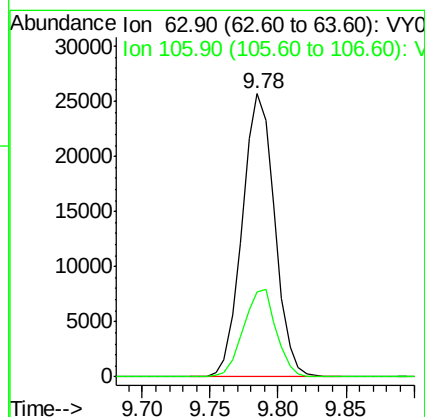
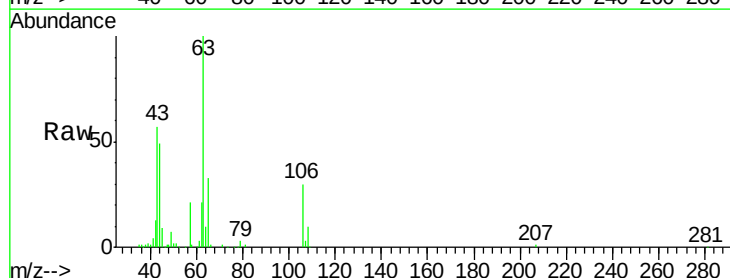
Acq: 19 Jun 2020 12:52

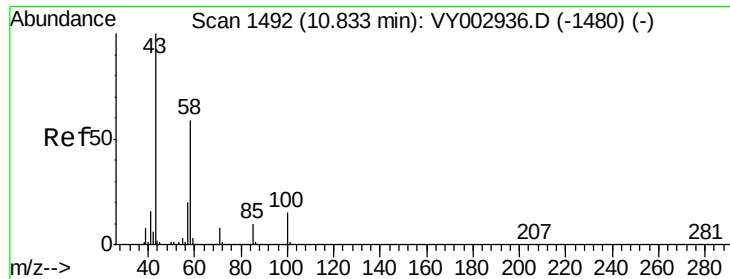
Tgt Ion: 63 Resp: 42836

Ion Ratio Lower Upper

63 100

106 31.3 25.6 38.4





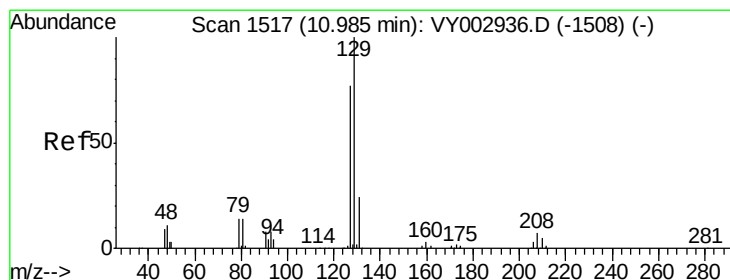
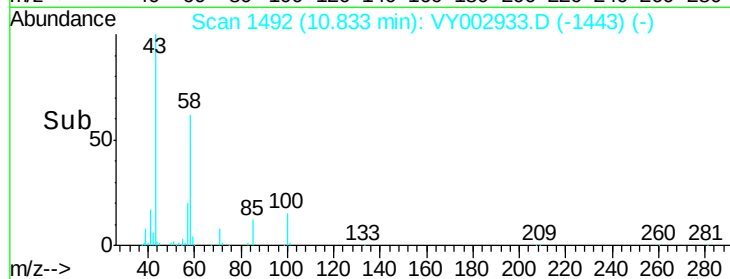
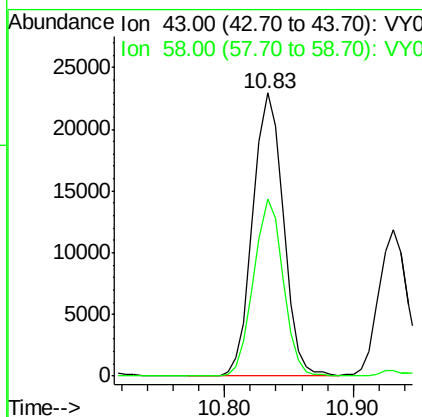
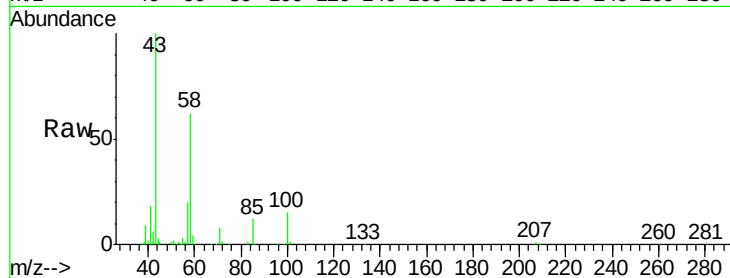
#59
2-Hexanone
Concen: 23.785 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 37692
Ion Ratio Lower Upper
43 100
58 60.3 29.7 89.1

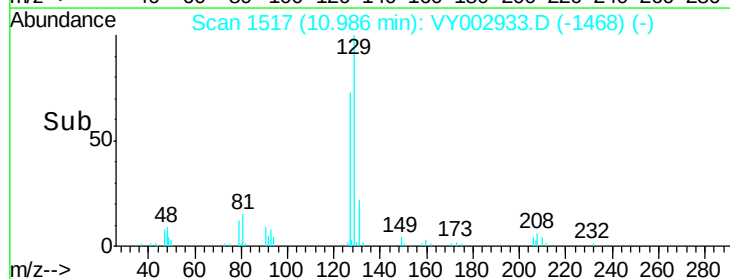
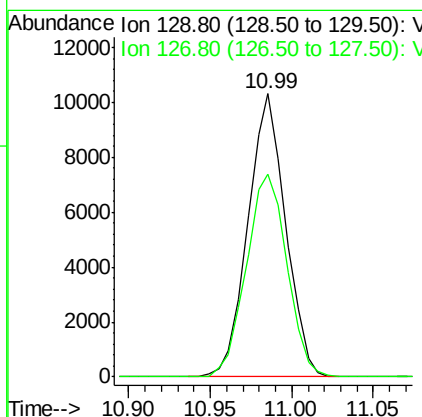
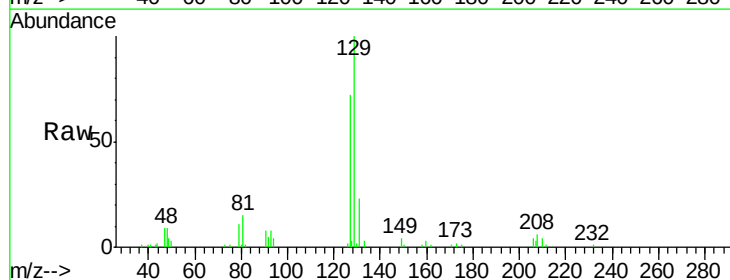
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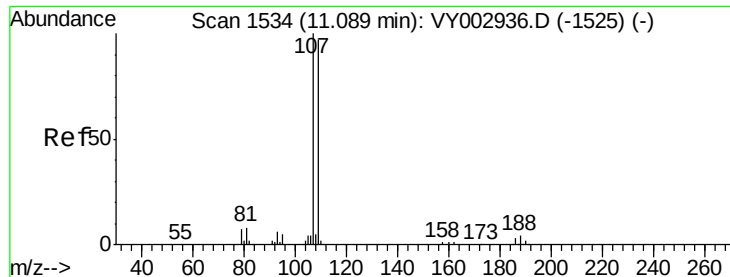
MMDadoda
6/22/2020 2:06:47 PM



#60
Dibromochloromethane
Concen: 4.926 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion: 129 Resp: 16513
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





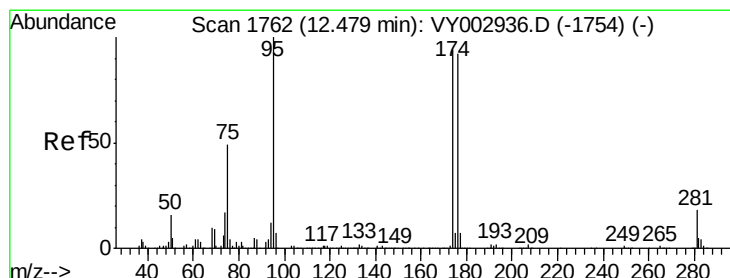
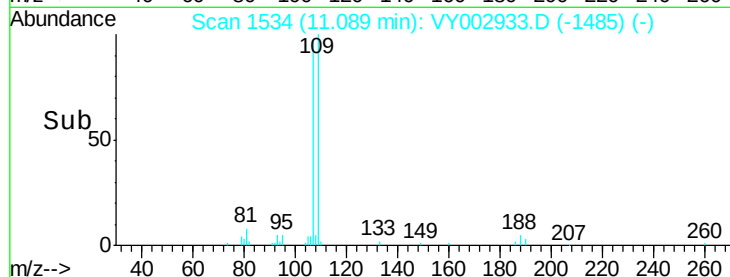
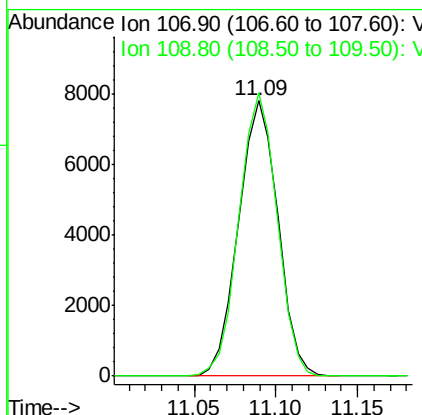
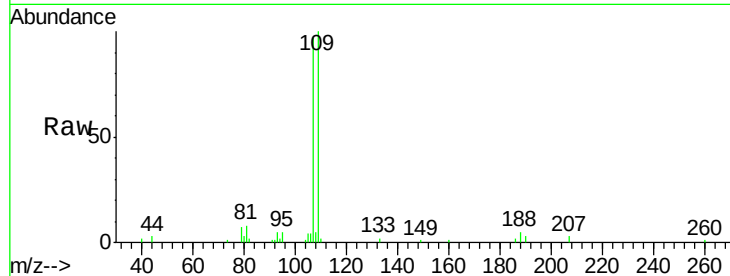
#61
1,2-Dibromoethane
Concen: 5.014 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	99.5	76.6	114.8

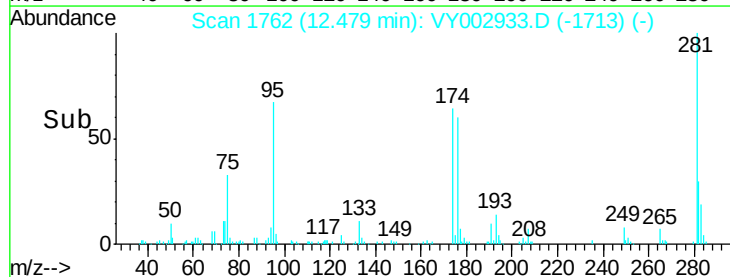
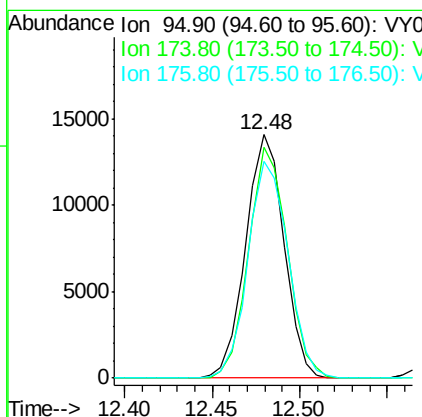
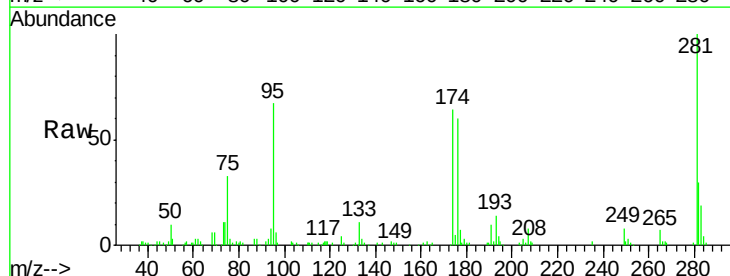
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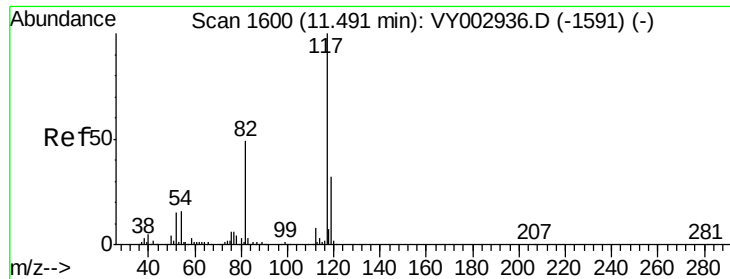
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#62
4-Bromofluorobenzene
Concen: 5.330 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	191.2
176	93.1	0.0	186.0





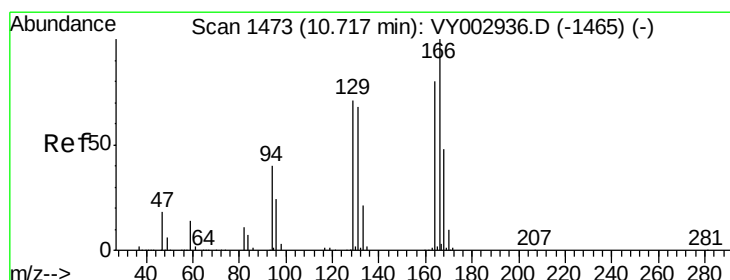
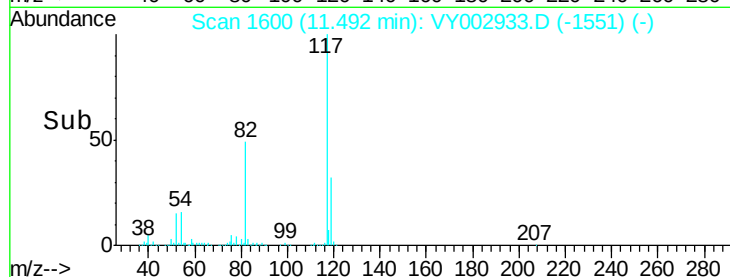
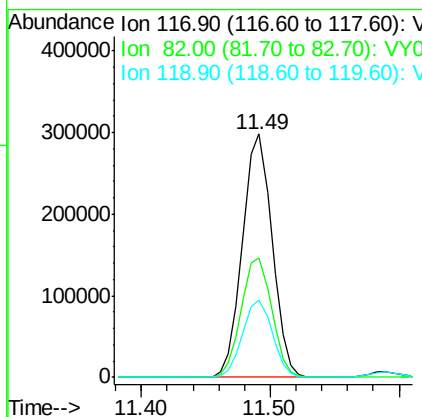
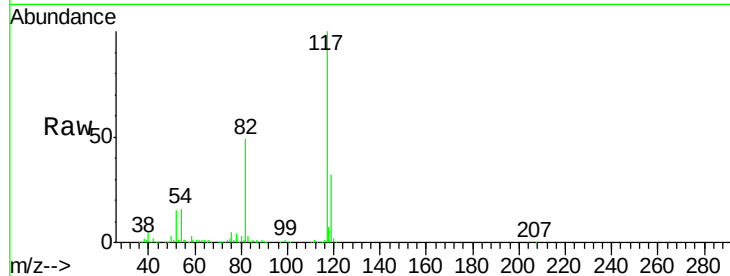
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	475972		
82	49.0		39.4	59.0
119	31.9		25.4	38.0

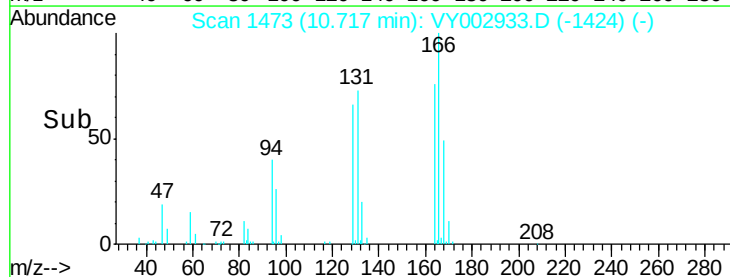
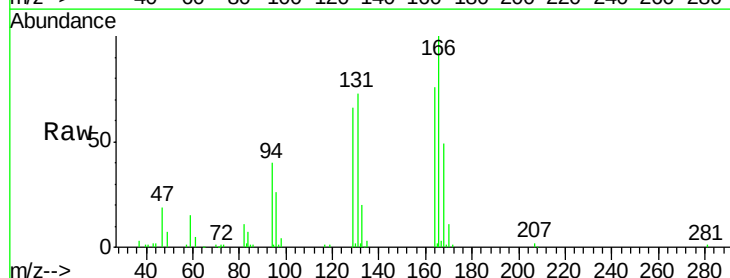
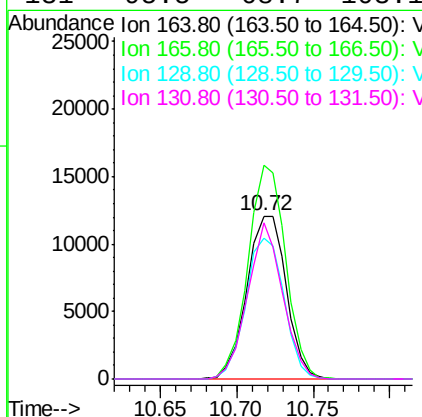
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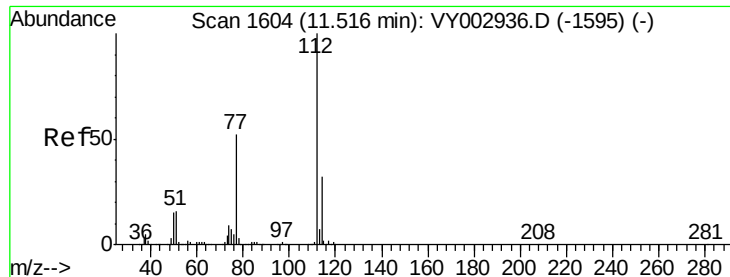
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#64
Tetrachloroethene
Concen: 5.376 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	21664		
166	131.0		100.5	150.7
129	86.5		71.1	106.7
131	95.5		68.7	103.1





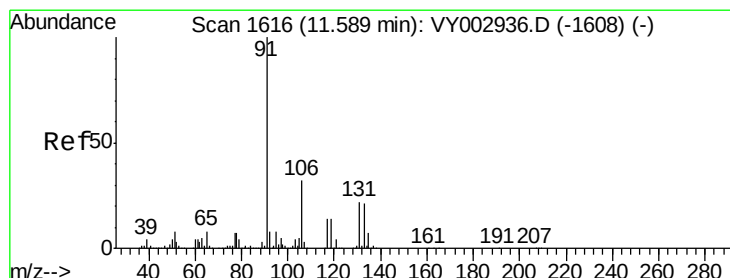
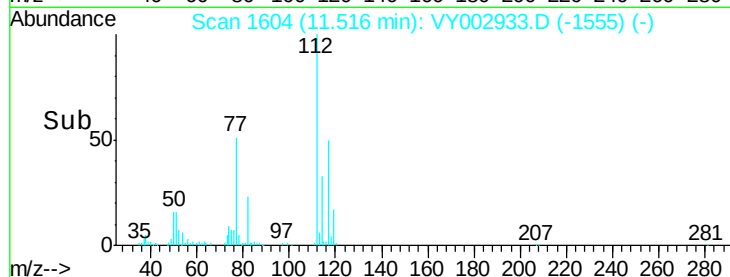
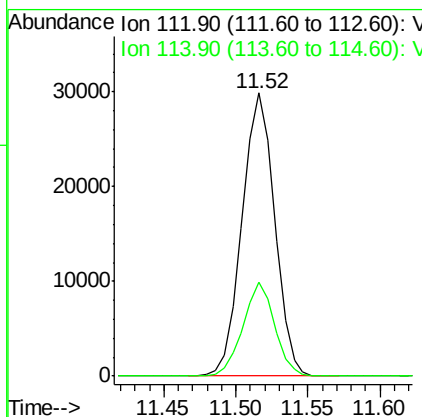
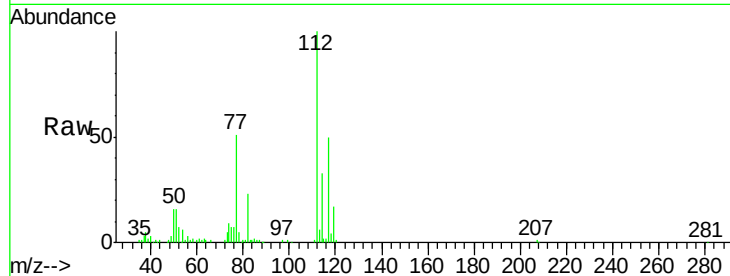
#65
Chlorobenzene
Concen: 5.185 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	26.0	39.0

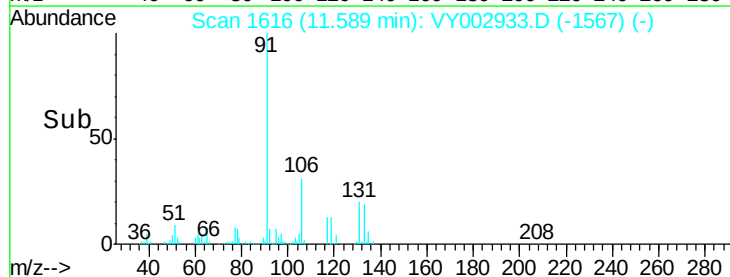
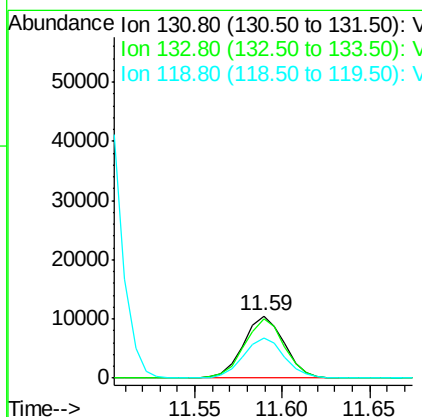
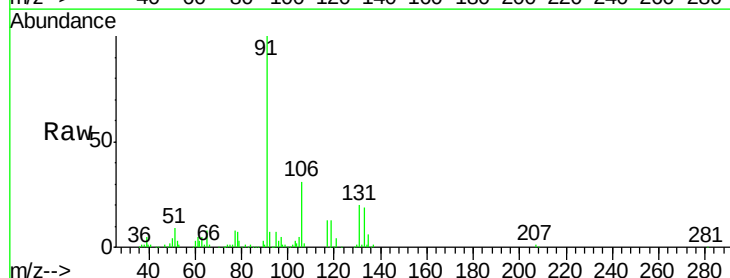
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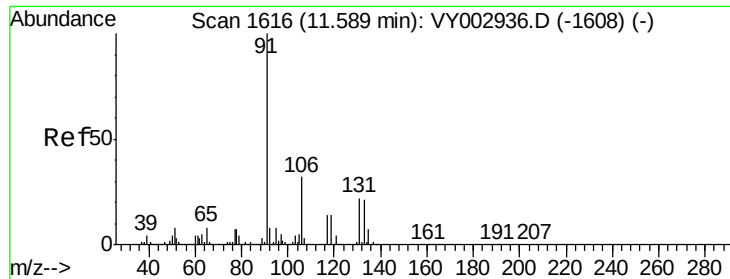
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.979 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.7	143.1
119	64.8	31.5	94.5





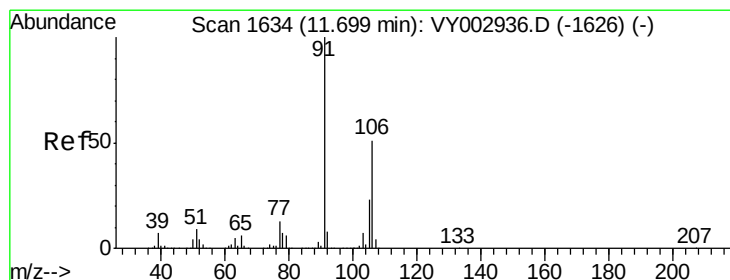
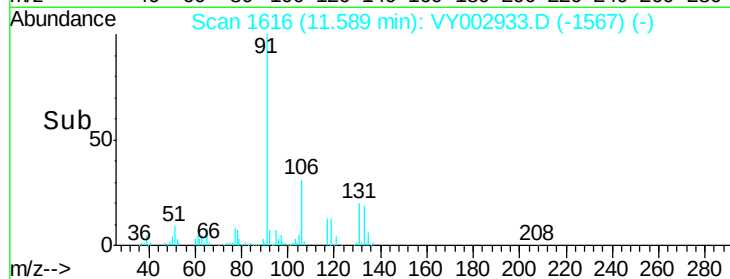
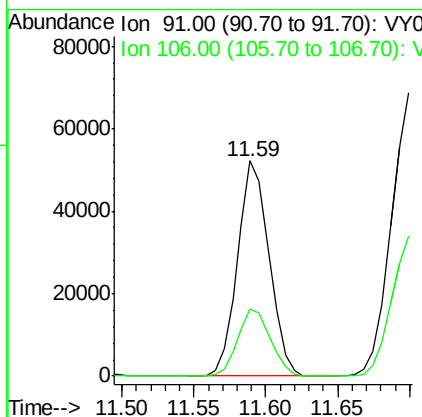
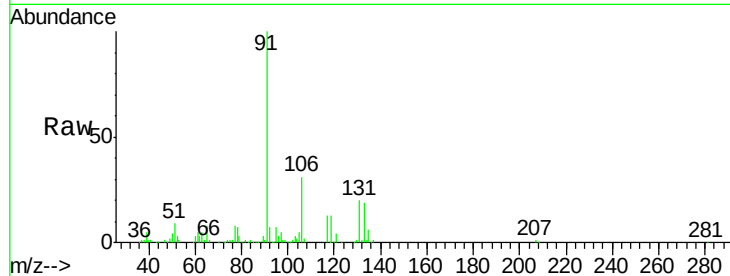
#67
Ethyl Benzene
Concen: 5.124 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.8	38.8

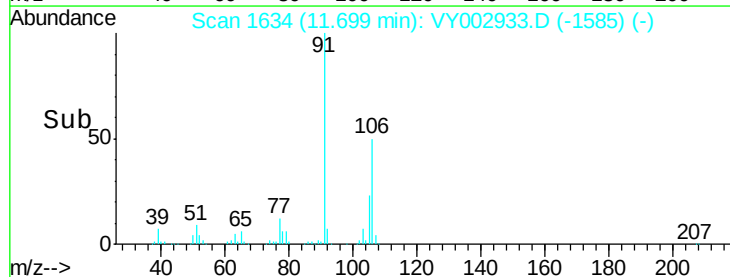
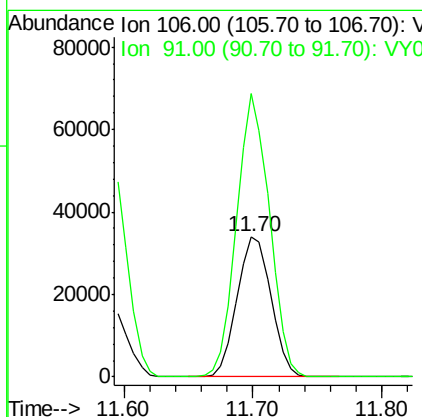
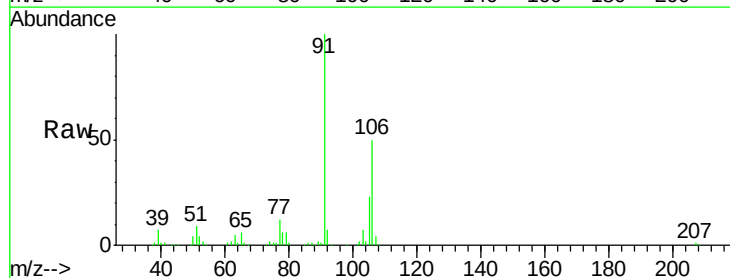
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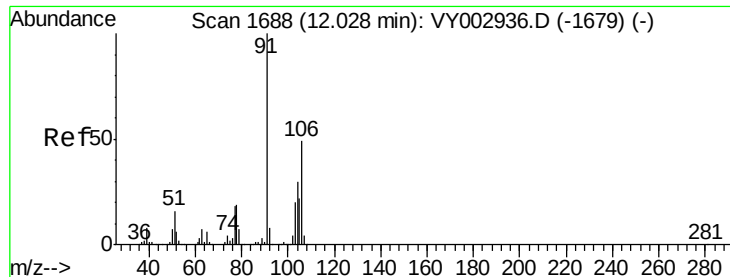
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#68
m/p-Xylenes
Concen: 10.307 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.0	155.9	233.9





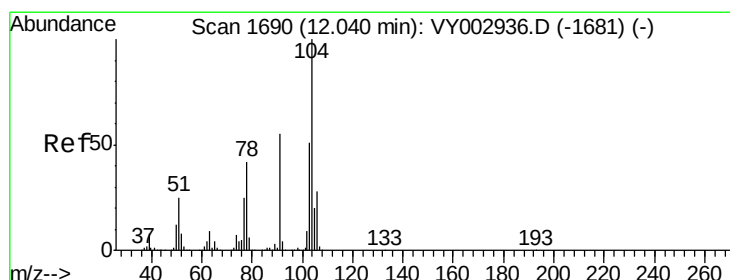
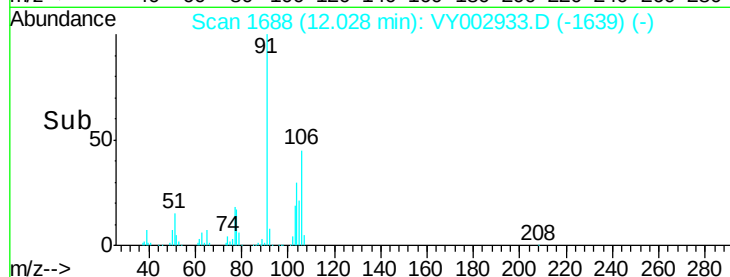
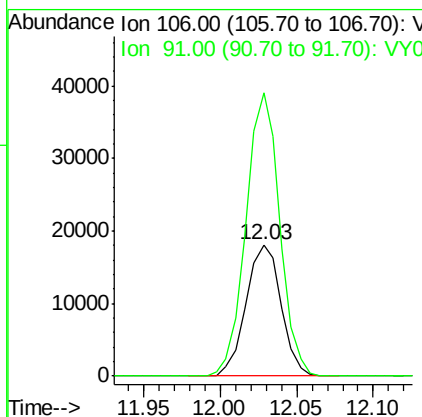
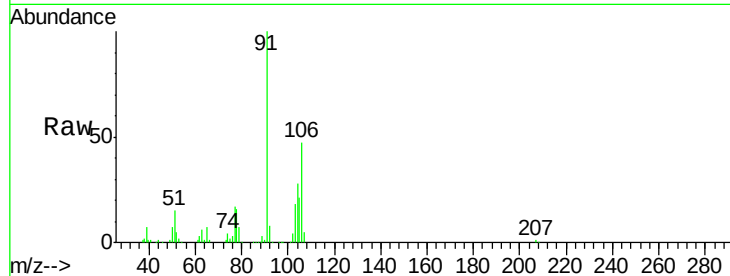
#69
o-Xylene
Concen: 5.071 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 28814
Ion Ratio Lower Upper
106 100
91 207.8 102.1 306.1

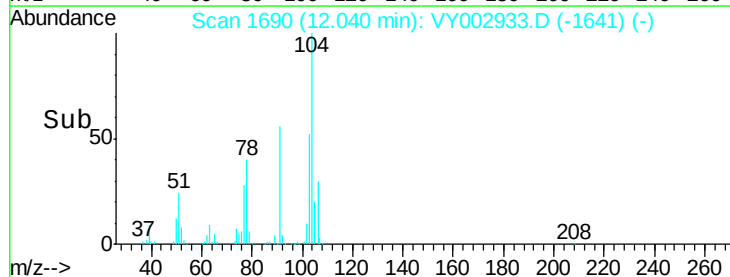
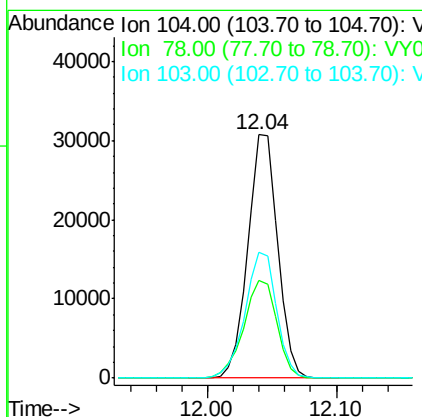
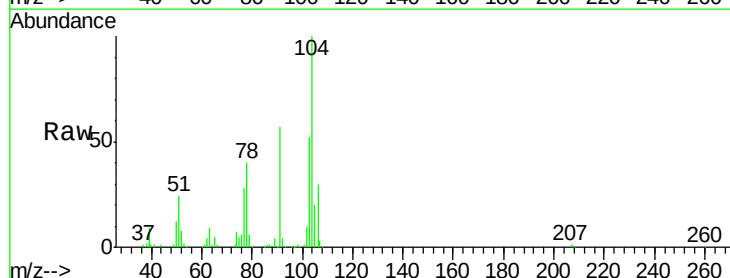
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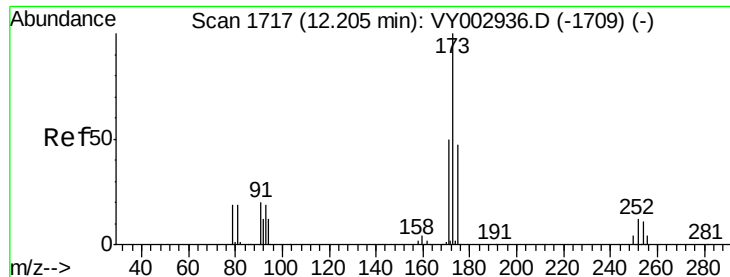
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#70
Styrene
Concen: 5.000 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion:104 Resp: 48931
Ion Ratio Lower Upper
104 100
78 44.7 36.9 55.3
103 54.8 43.7 65.5





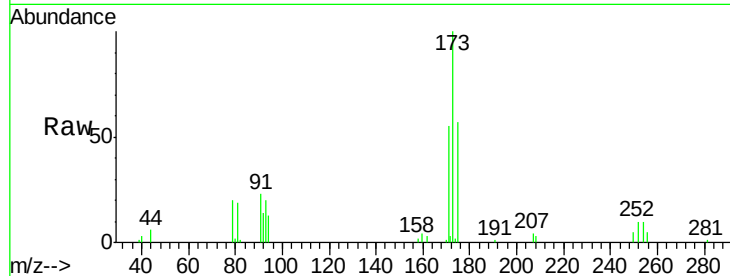
#71
Bromoform
Concen: 4.851 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

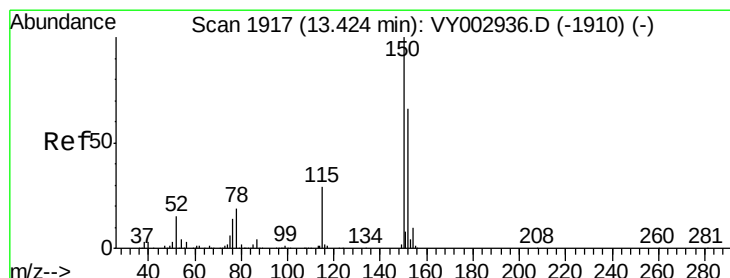
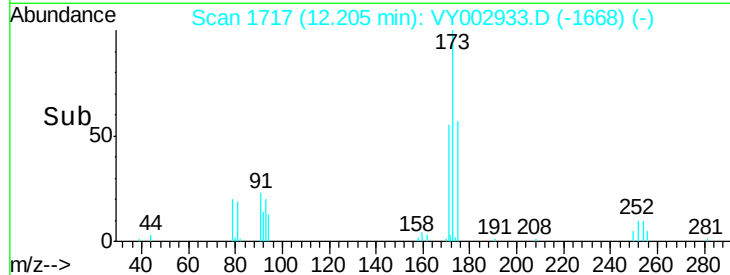
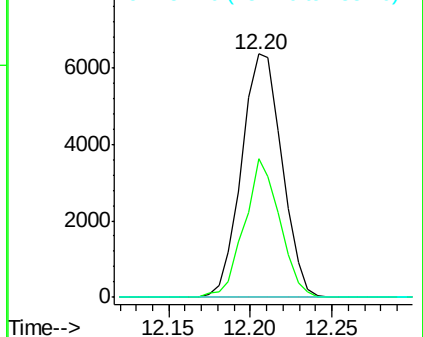
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.9	71.8
254	0.0	0.1	0.1#

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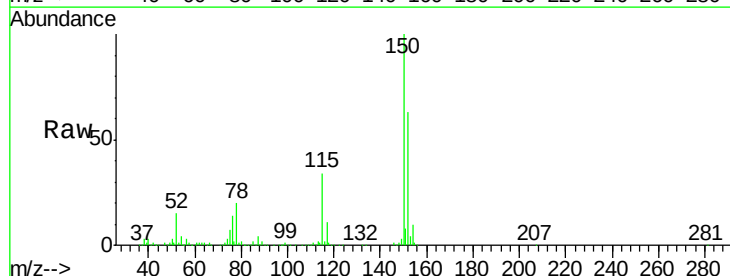


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

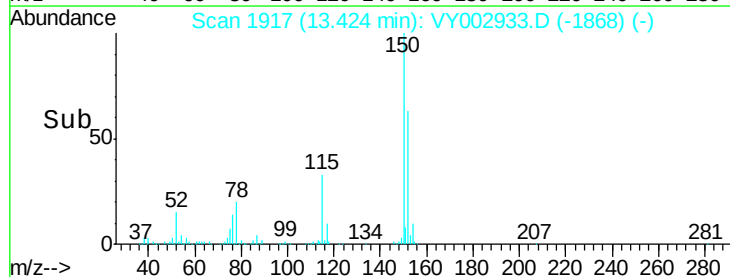
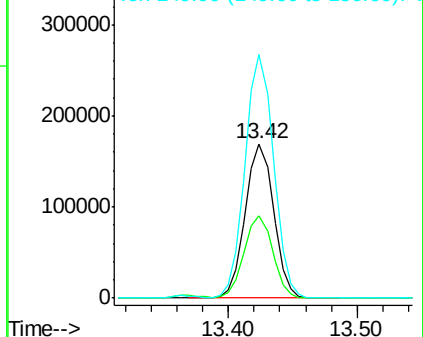


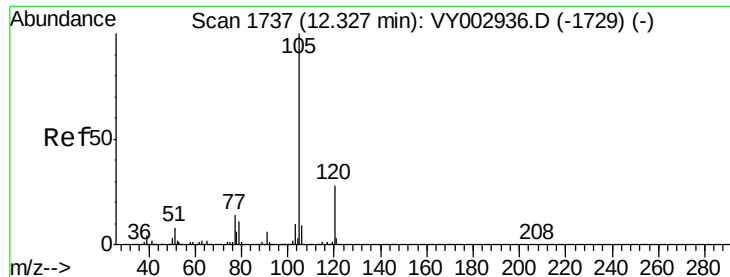
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.6
150	158.5	0.0	341.8



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: 5.002 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 78644

Ion Ratio Lower Upper

105 100

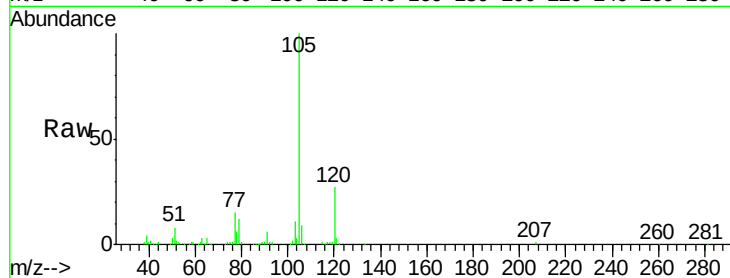
120 27.7 14.0 41.9

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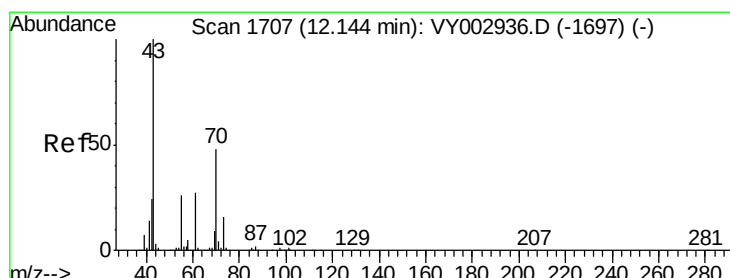
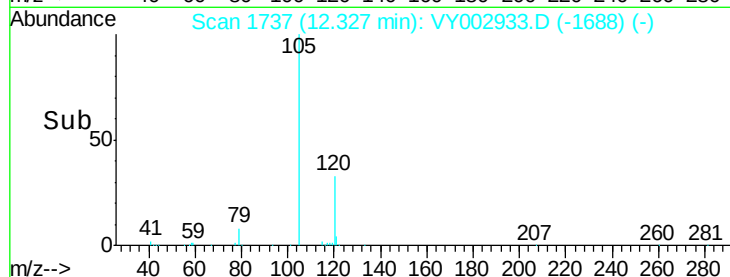


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

Time-->



#74

N-ethyl acetate

Concen: 4.746 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion: 43 Resp: 18974

Ion Ratio Lower Upper

43 100

70 49.6 38.0 57.0

55 26.8 20.3 30.5

61 26.5 21.4 32.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

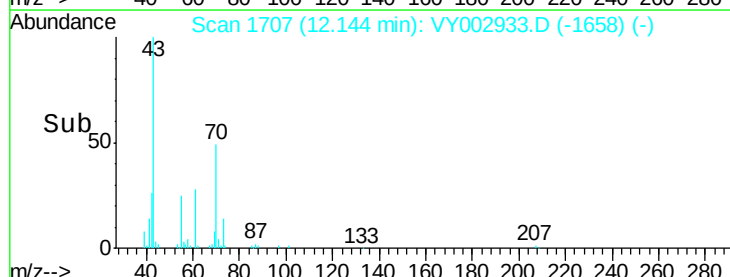
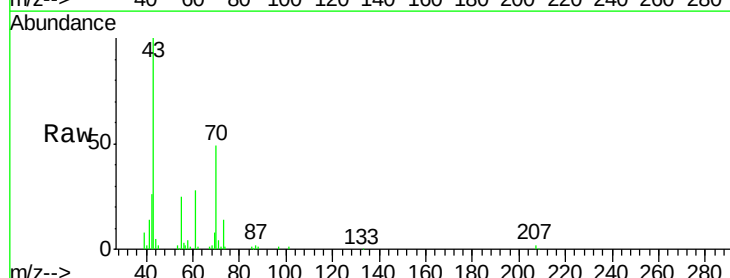
Ion 70.00 (69.70 to 70.70): VY0

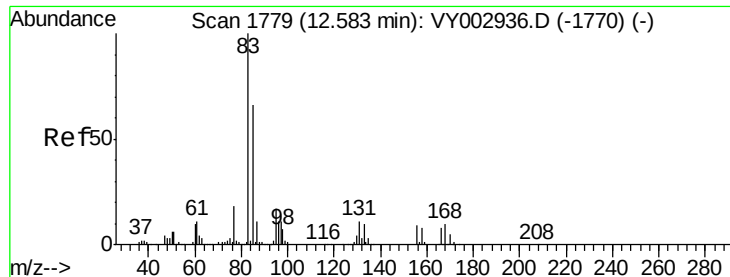
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.983 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

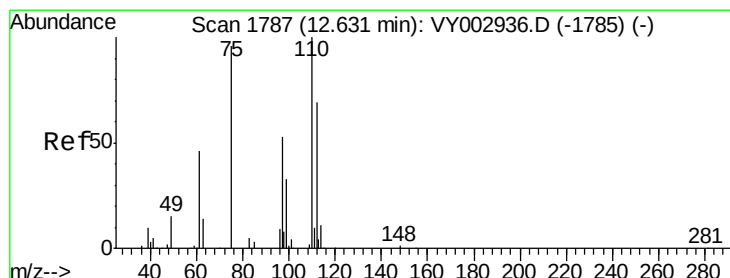
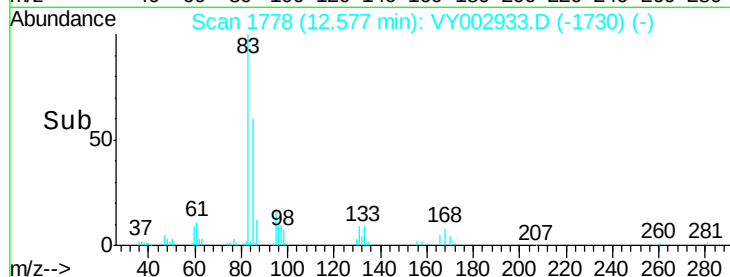
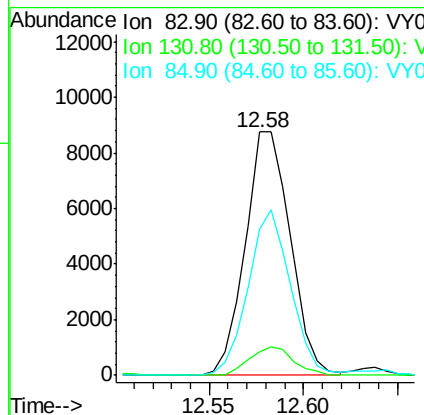
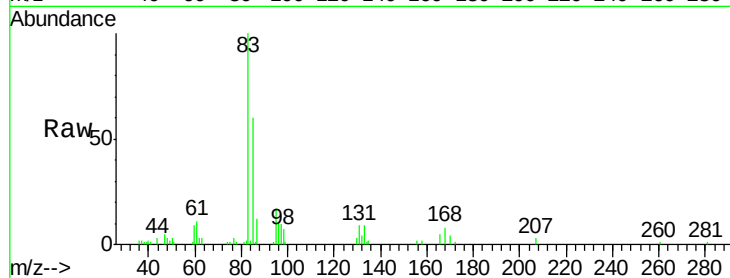
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	14529
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.7
85	63.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 3.037 ug/l m

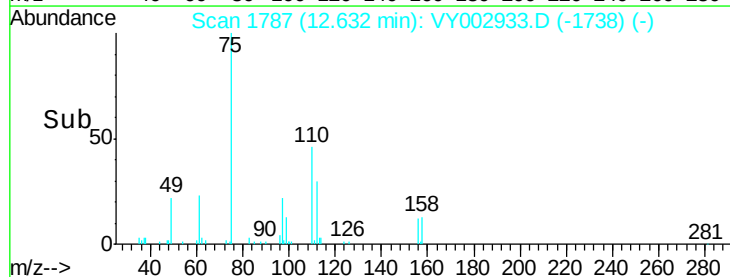
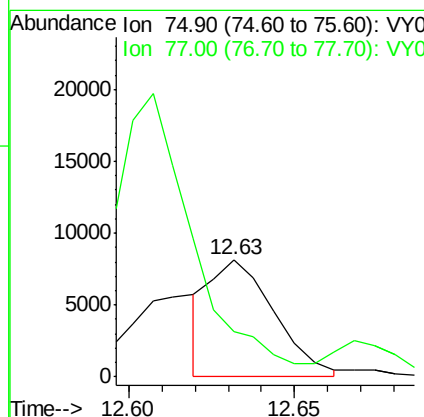
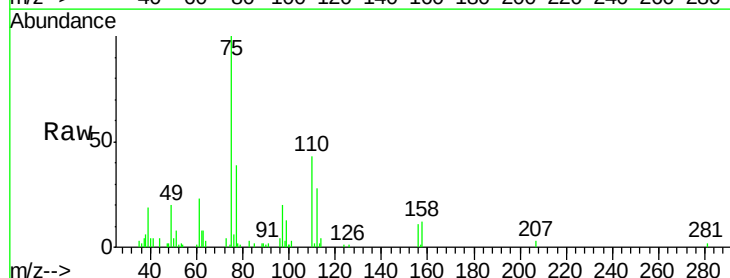
RT: 12.63 min Scan# 1787

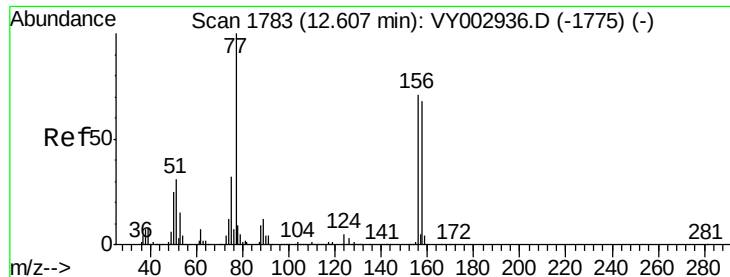
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	75	Resp:	11093
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





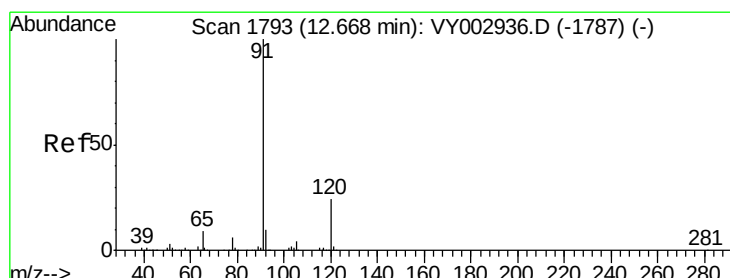
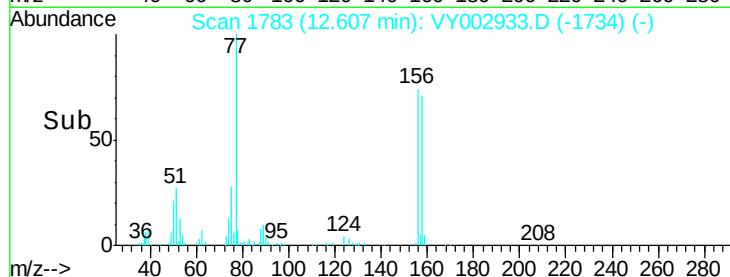
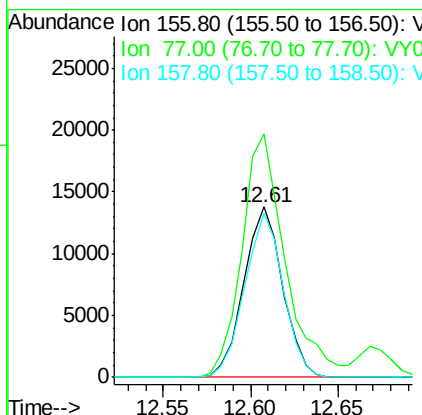
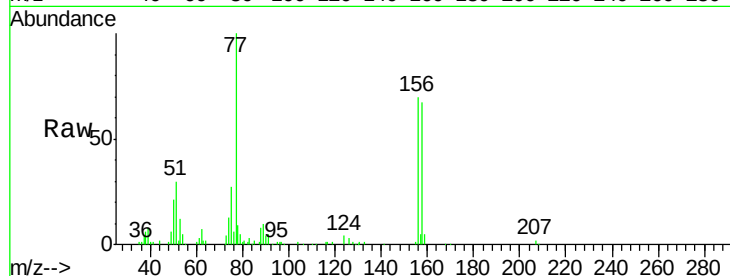
#77
Bromobenzene
Concen: 5.138 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.2	80.5	241.5
158	95.9	48.2	144.6

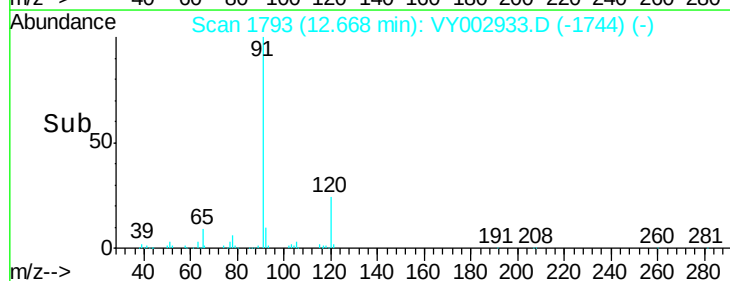
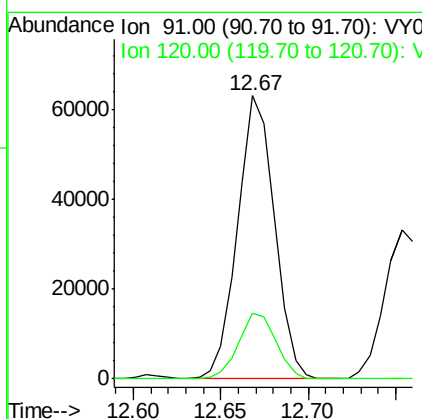
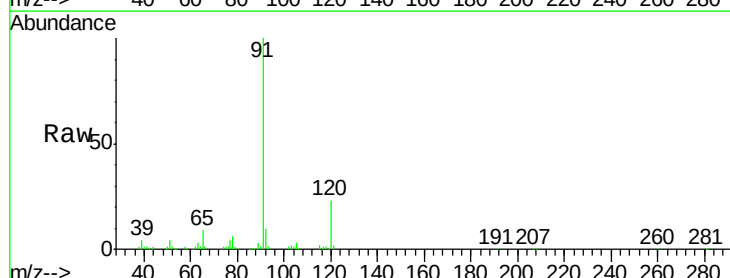
Manual Integrations
APPROVED

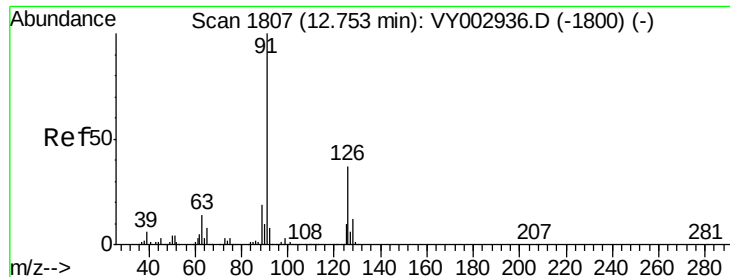
MMDadoda
6/22/2020 2:06:47 PM



#78
n-propylbenzene
Concen: 5.044 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.3	36.9





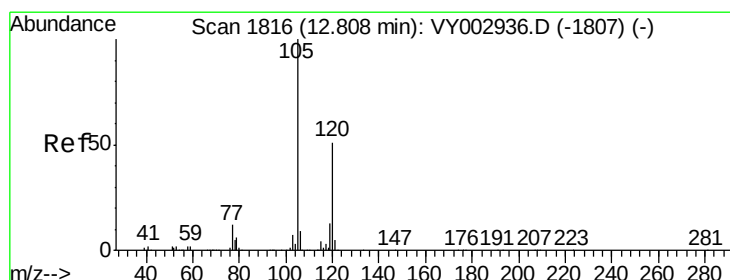
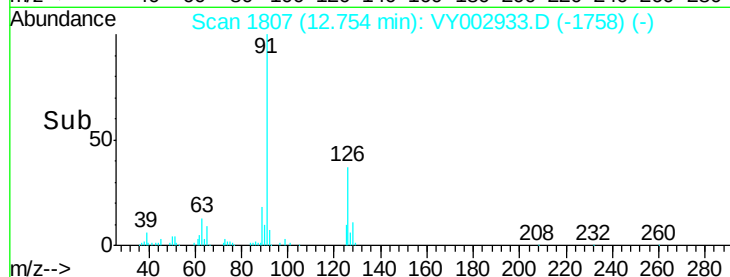
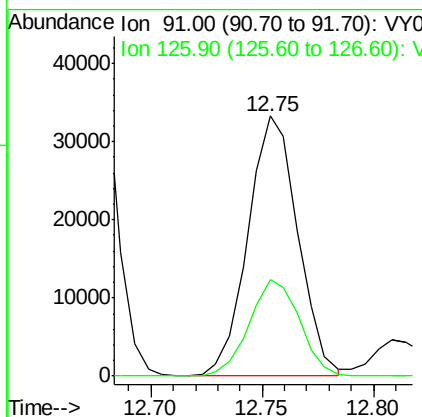
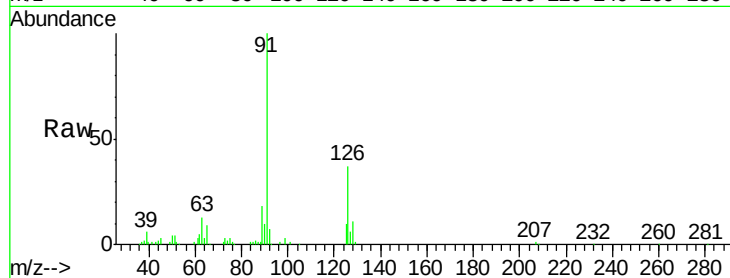
#79
2-Chlorotoluene
Concen: 5.048 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 51754
Ion Ratio Lower Upper
91 100
126 37.4 18.5 55.5

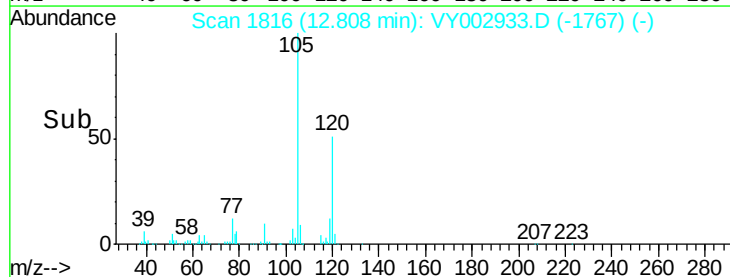
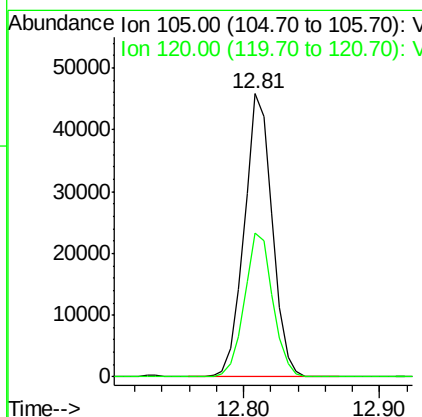
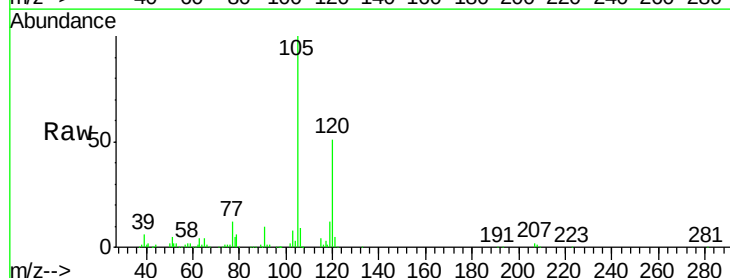
Manual Integrations
APPROVED

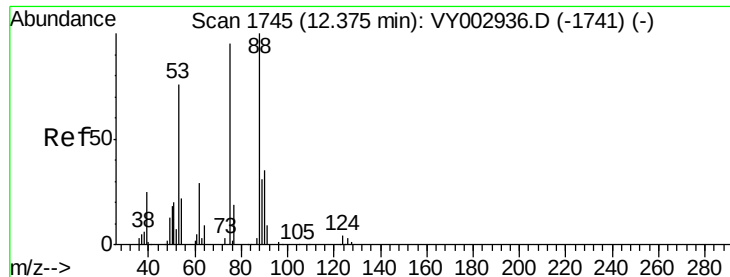
MMDadoda
6/22/2020 2:06:47 PM



#80
1,3,5-Trimethylbenzene
Concen: 5.020 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion: 105 Resp: 65813
Ion Ratio Lower Upper
105 100
120 51.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.988 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

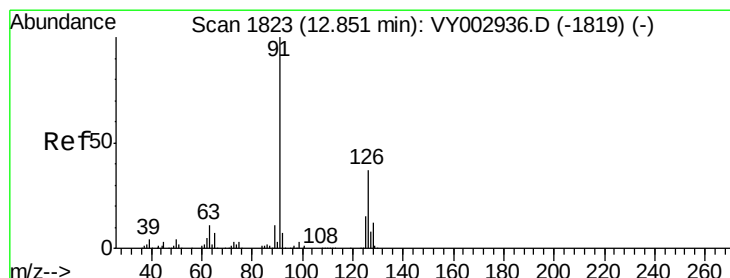
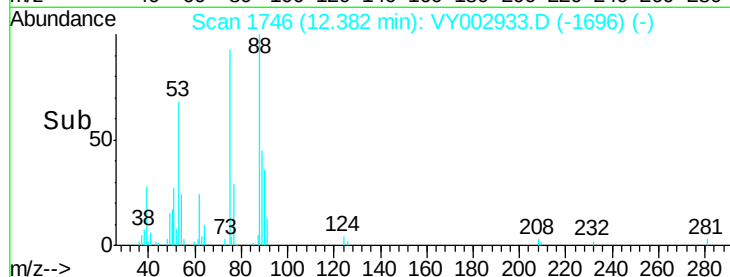
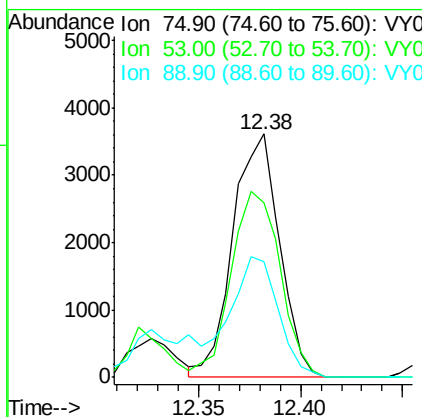
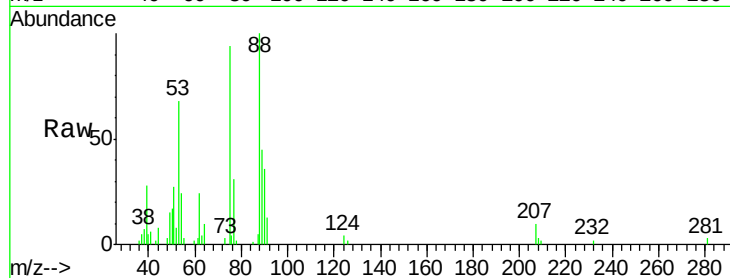
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	5747
Ion	Ratio	Lower	Upper
75	100		
53	80.5	65.1	97.7
89	51.3	38.4	57.6

Manual Integrations
APPROVED

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6/22/2020 2:06:47 PM



#82

4-Chlorotoluene

Concen: 5.137 ug/l

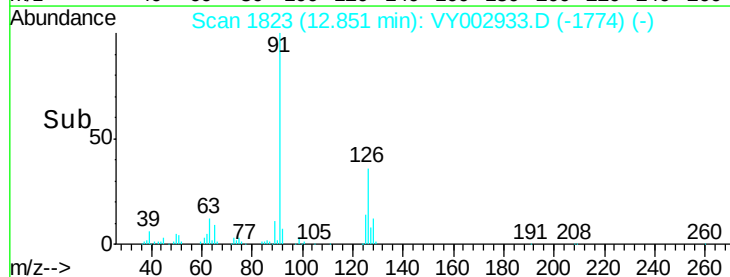
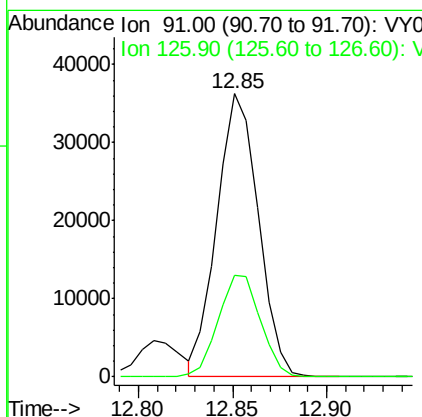
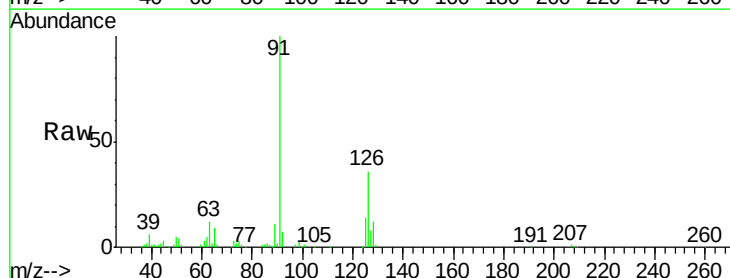
RT: 12.85 min Scan# 1823

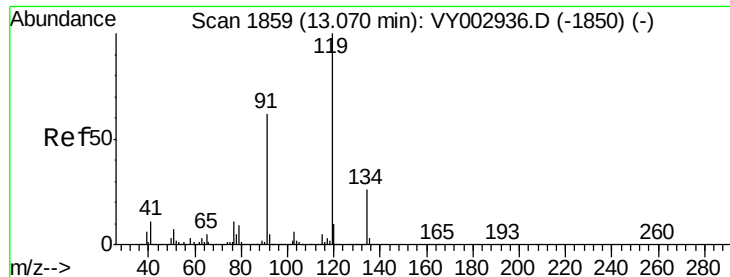
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	91	Resp:	55557
Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.6	55.8





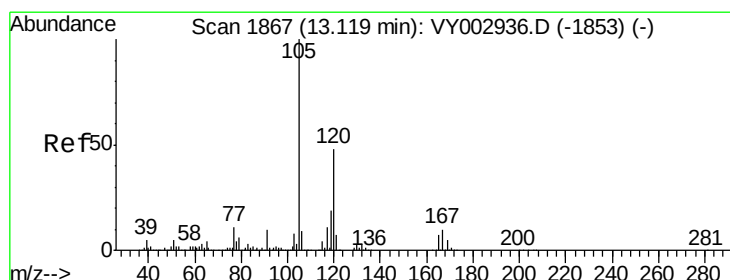
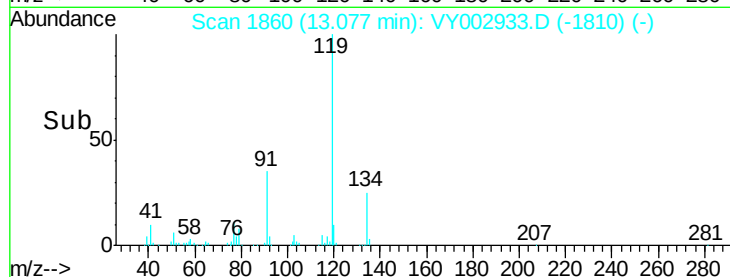
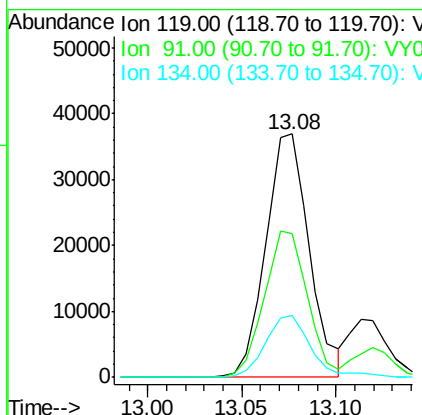
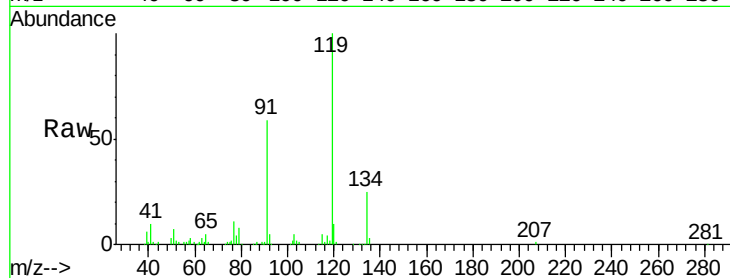
#83
tert-Butylbenzene
Concen: 5.024 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.9	89.7
134	26.6	13.3	39.8

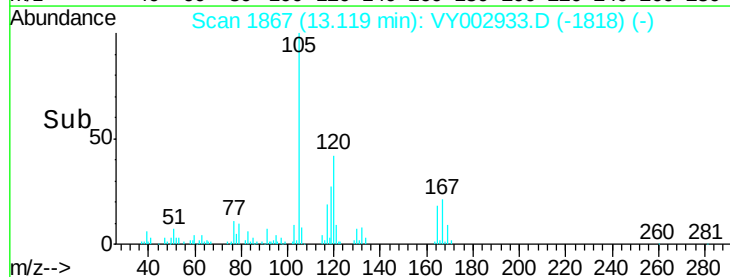
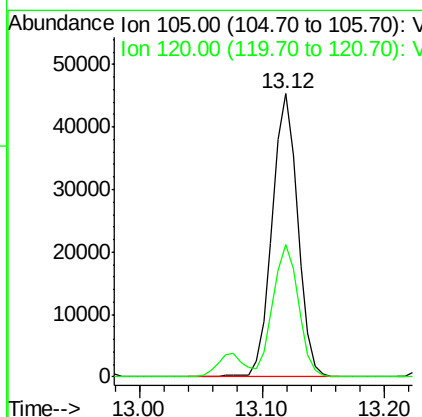
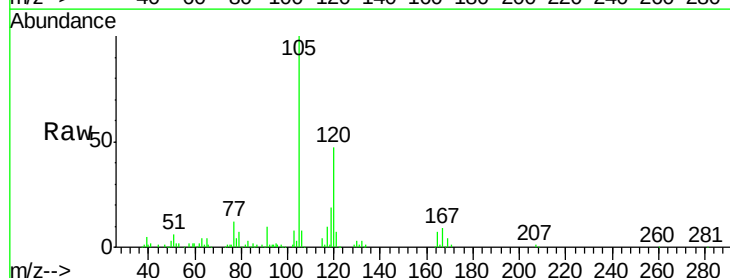
Manual Integrations
APPROVED

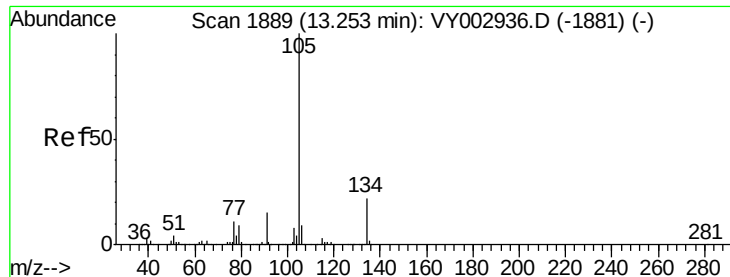
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.973 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 5.091 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 82190

Ion Ratio Lower Upper

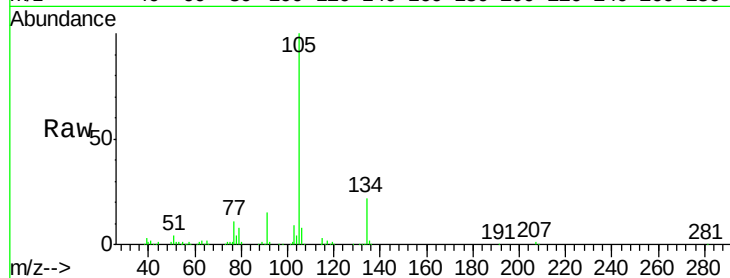
105 100

134 21.3 10.8 32.4

Manual Integrations
APPROVED

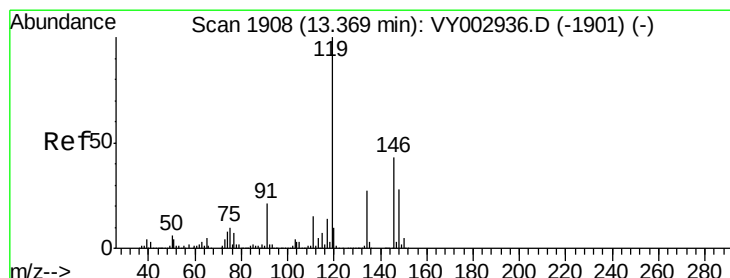
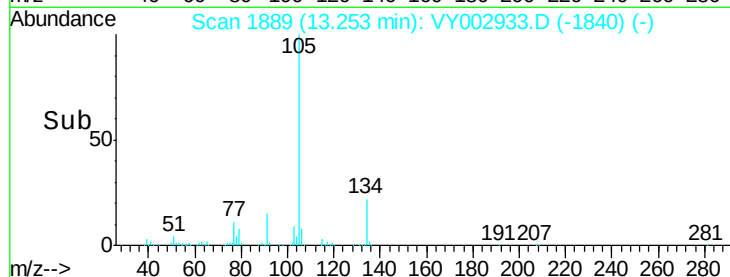
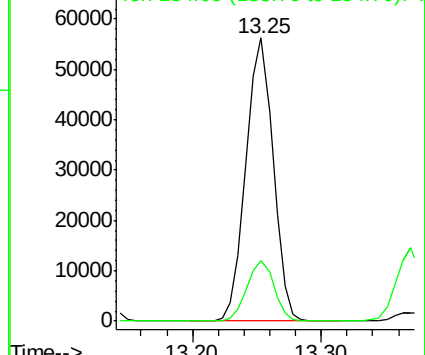
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.008 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

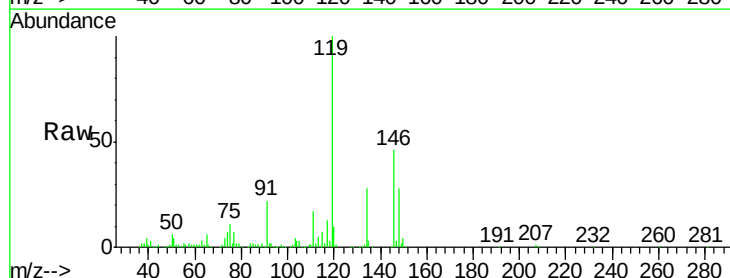
Tgt Ion:119 Resp: 75542

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

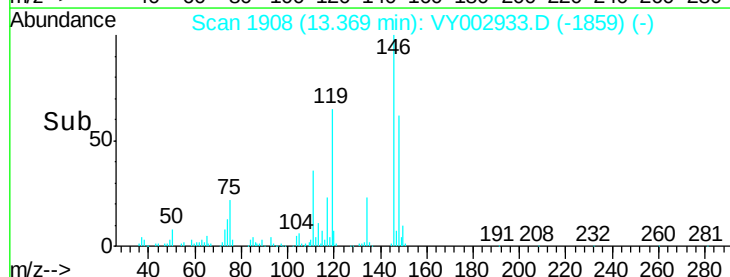
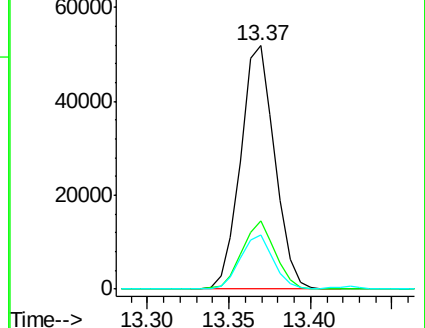
91 21.6 10.8 32.4

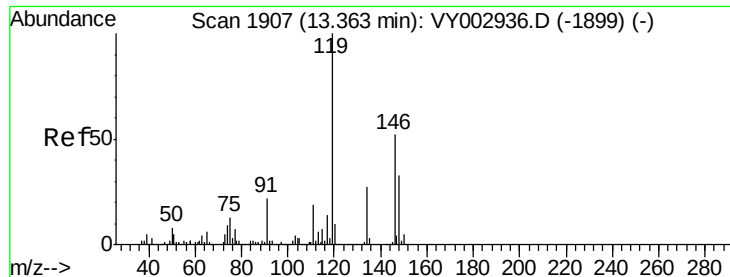


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





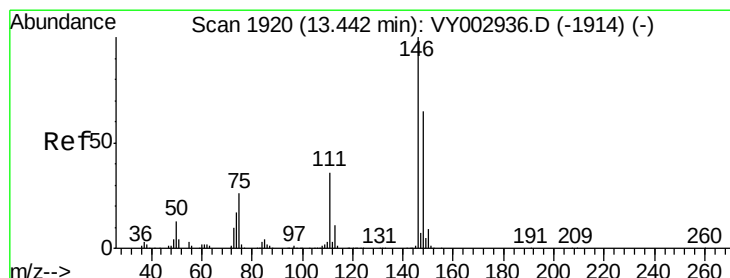
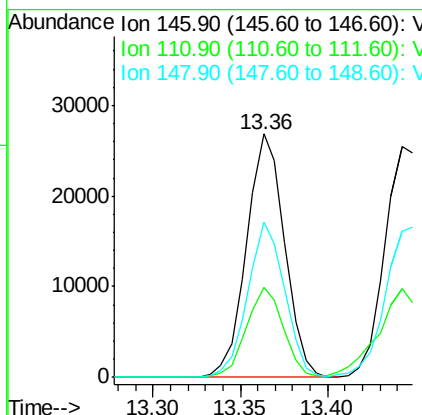
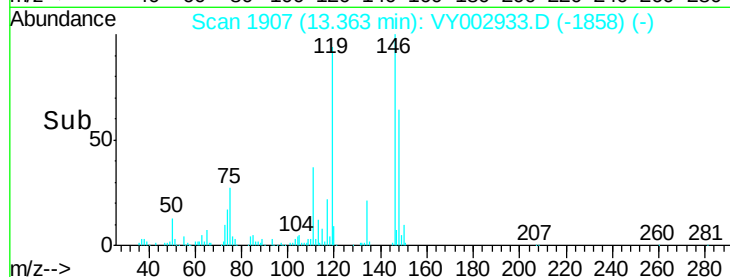
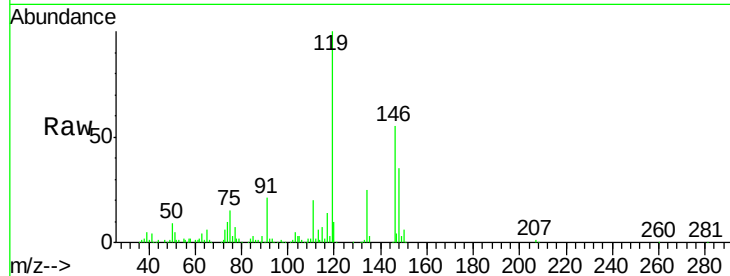
#87
 1,3-Dichlorobenzene
 Concen: 5.164 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.2	54.6
148	62.2	31.9	95.7

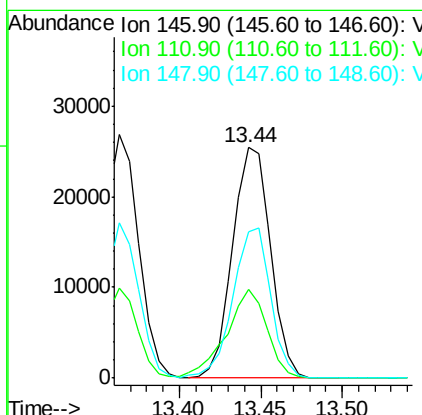
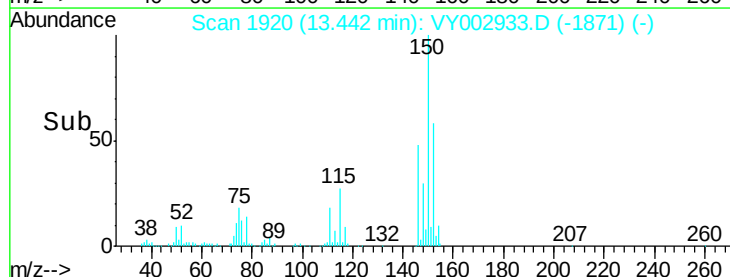
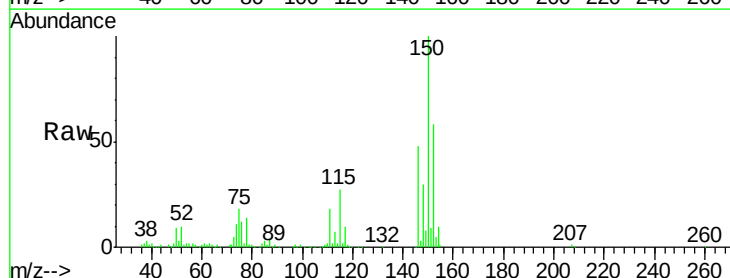
Manual Integrations
 APPROVED

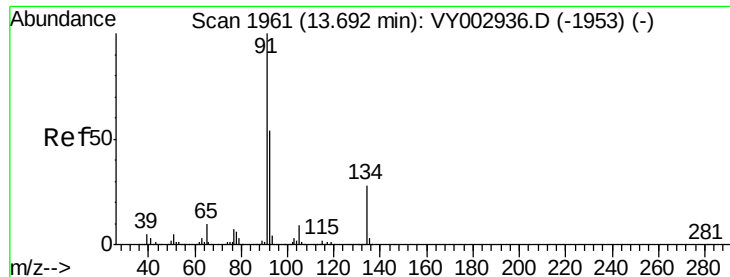
MMDadoda
 6/22/2020 2:06:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 5.258 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	17.9	53.8
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 5.036 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Instrument :

MSVOA_Y

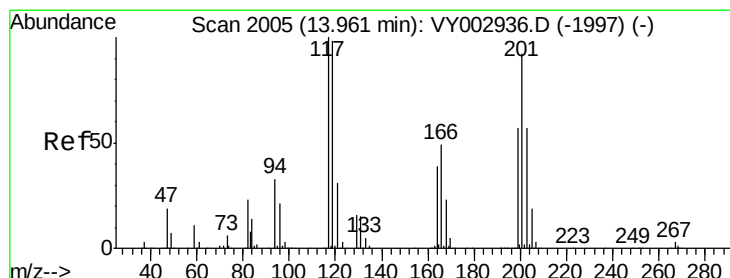
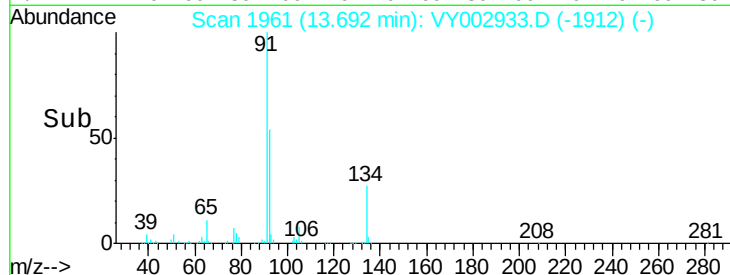
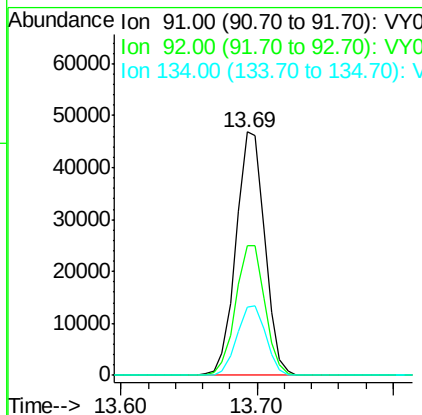
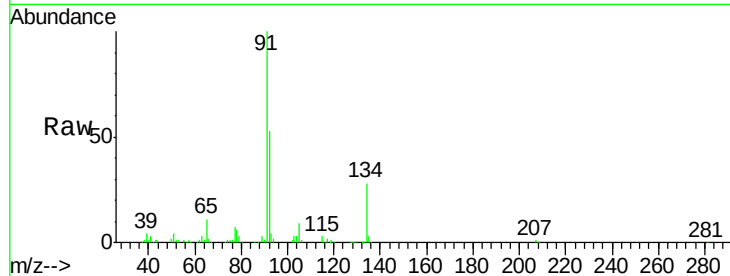
ClientSampleId :

VSTDIC005

Tot Ion:	91	Resp:	68958
Ion Ratio	Lower	Upper	
91	100		
92	54.1	27.0	80.8
134	28.7	14.5	43.5

Manual Integrations
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#90

Hexachloroethane

Concen: 4.972 ug/l

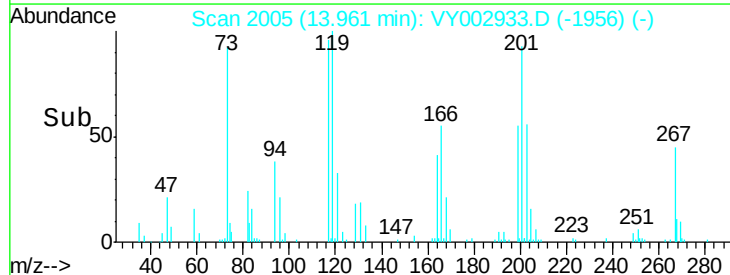
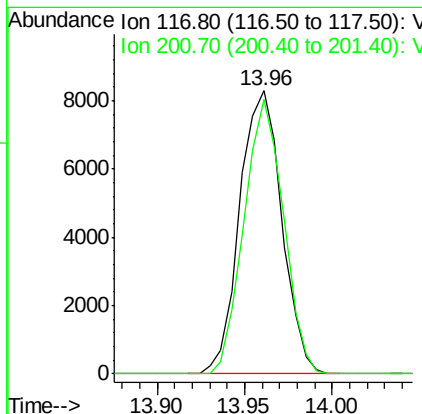
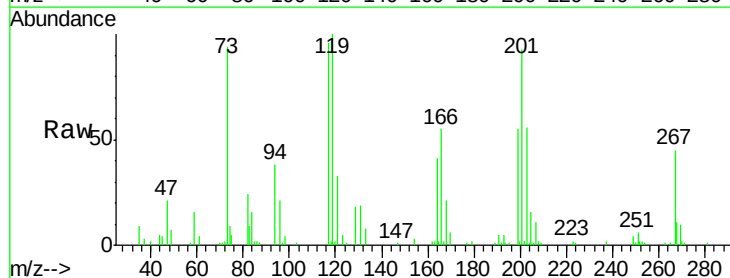
RT: 13.96 min Scan# 2005

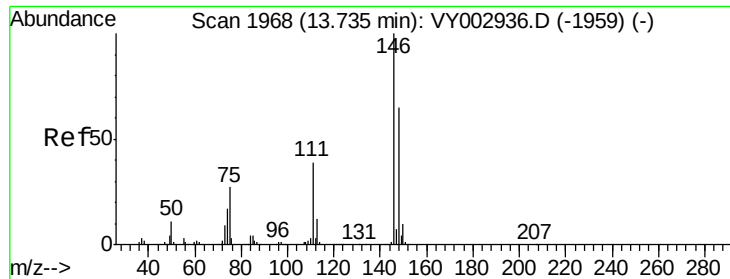
Delta R.T. 0.00 min

Lab File: VY002933.D

Acq: 19 Jun 2020 12:52

Tgt Ion:	117	Resp:	13870
Ion Ratio	Lower	Upper	
117	100		
201	90.9	45.1	135.5





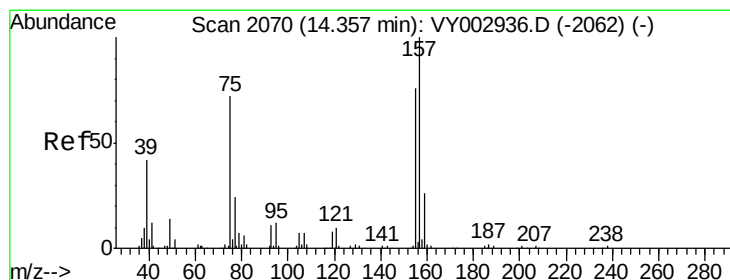
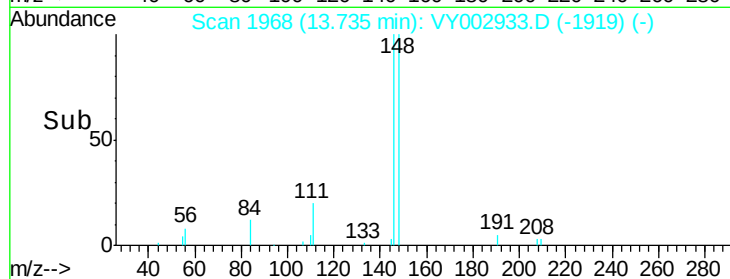
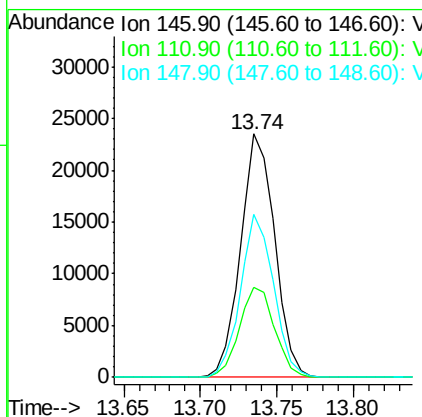
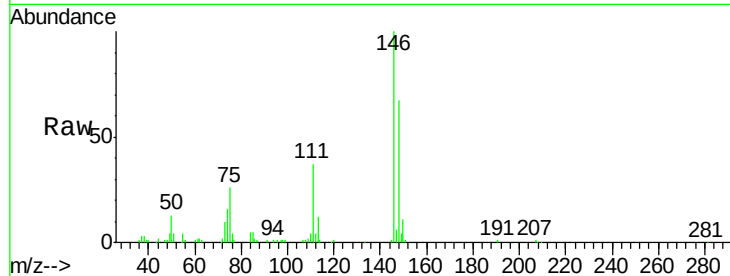
#91
 1,2-Dichlorobenzene
 Concen: 5.098 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.8	32.0	96.2

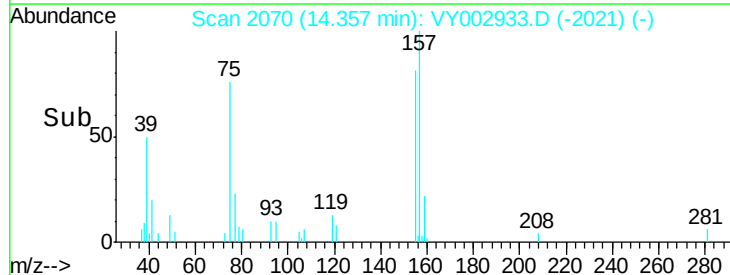
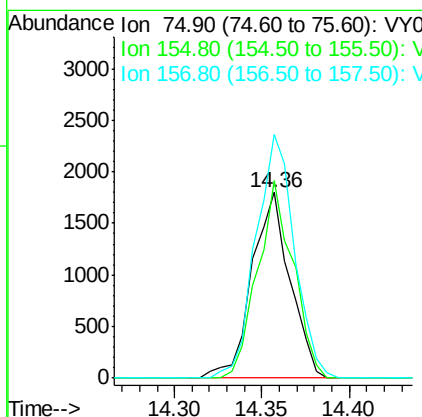
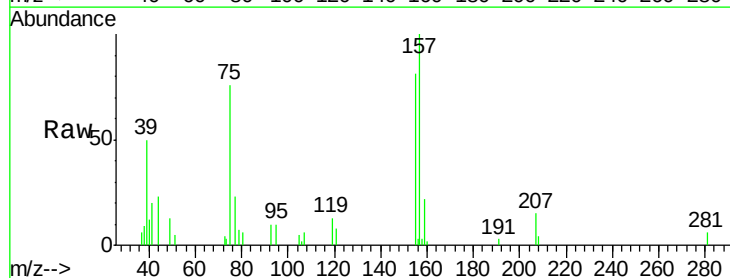
Manual Integrations
 APPROVED

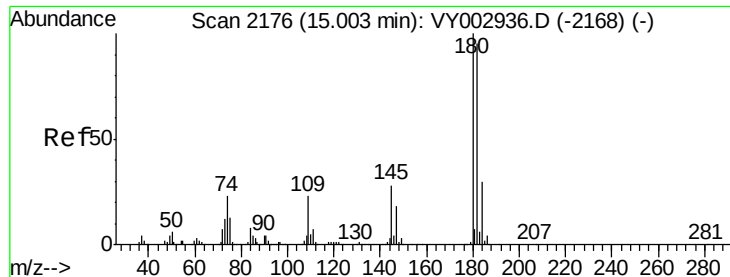
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.984 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	53.1	159.4
157	132.5	69.0	206.9





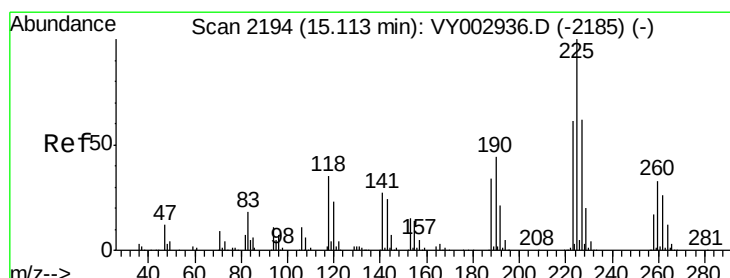
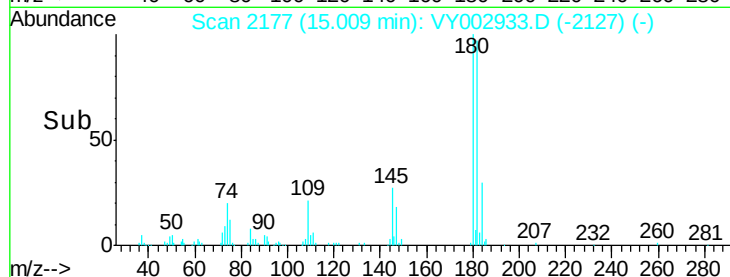
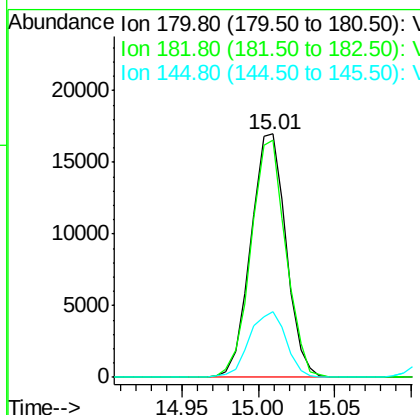
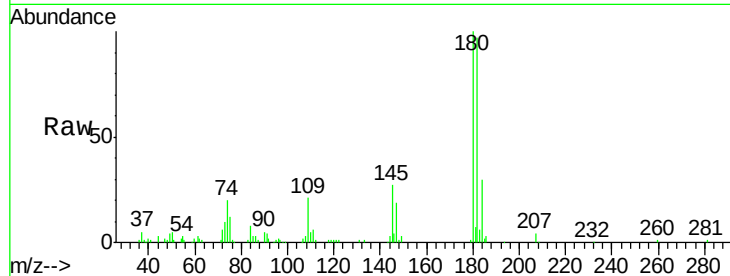
#93
 1,2,4-Trichlorobenzene
 Concen: 5.071 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	28.2	14.1	42.3

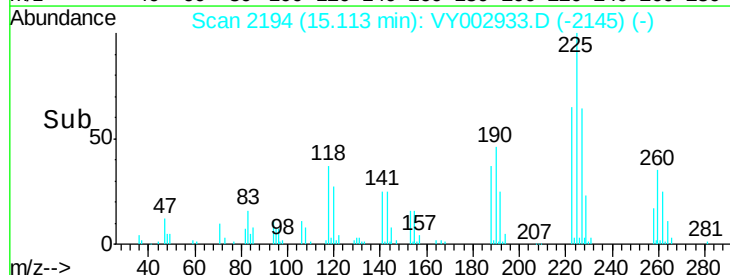
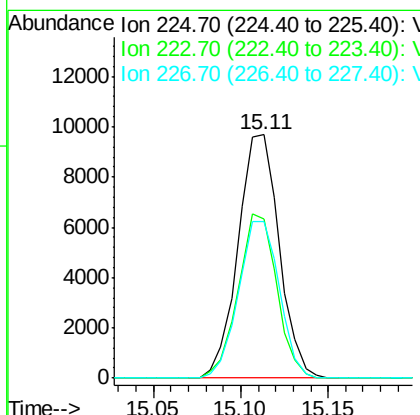
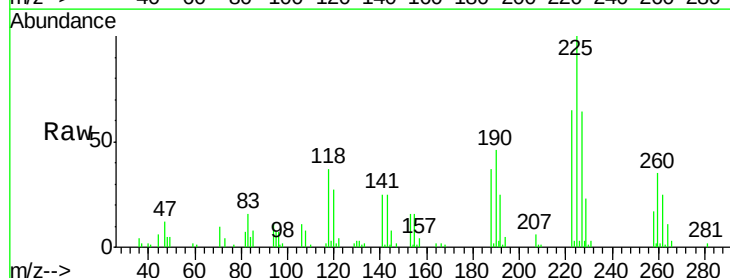
Manual Integrations
 APPROVED

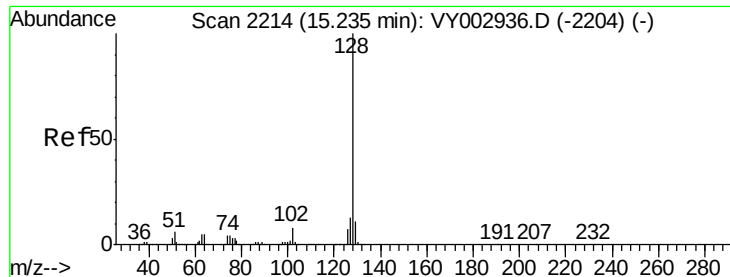
MMDadoda
 6/22/2020 2:06:47 PM



#94
 Hexachlorobutadiene
 Concen: 5.080 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002933.D
 Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	63.7	31.9	95.7





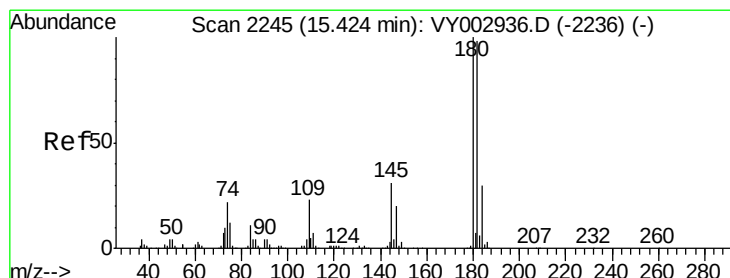
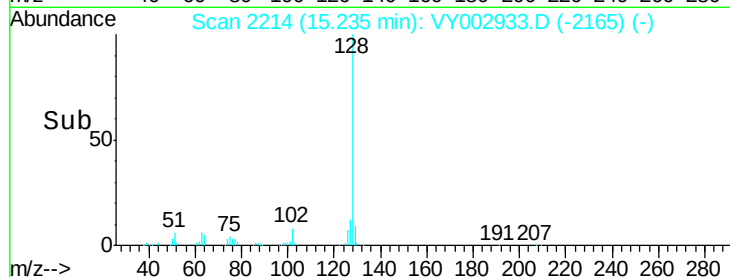
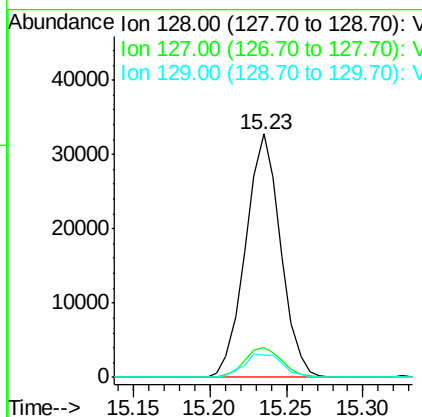
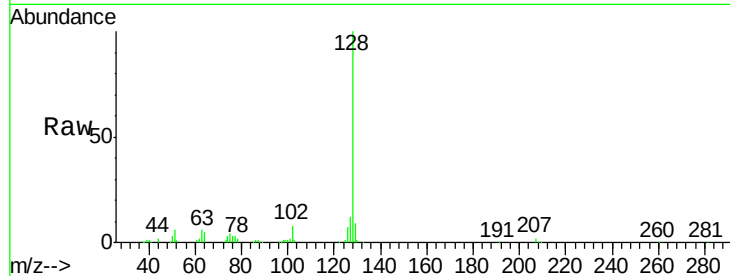
#95
Naphthalene
Concen: 4.972 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/22/2020 2:06:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.029 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002933.D
Acq: 19 Jun 2020 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	31.0	15.0	45.0

