

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000494.D
 Acq On : 30 Oct 2019 16:39
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:31:53 AM

Quant Time: Oct 31 03:28:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131424	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.73	113	117242	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.18	98	484783	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	167211	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	50510	20.153	ug/l	93
3) Chloromethane	2.11	50	71890	20.822	ug/l	96
4) Vinyl Chloride	2.25	62	66646	20.787	ug/l	99
5) Bromomethane	2.64	94	40881	21.263	ug/l	99
6) Chloroethane	2.79	64	39949	19.908	ug/l	92
7) Trichlorofluoromethane	3.12	101	86861	20.061	ug/l	97
8) Diethyl Ether	3.53	74	29271	19.025	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.89	101	52580	20.086	ug/l	97
10) Methyl Iodide	4.10	142	64609	20.751	ug/l	97
11) Tert butyl alcohol	4.97	59	24687	96.251	ug/l	100
12) 1,1-Dichloroethene	3.87	96	50348	19.797	ug/l	91
13) Acrolein	3.73	56	19597	87.716	ug/l	96
14) Allyl chloride	4.49	41	85597	20.698	ug/l	98
15) Acrylonitrile	5.17	53	77017	97.721	ug/l	100
16) Acetone	3.96	43	63710	87.731	ug/l	94
17) Carbon Disulfide	4.19	76	164349	20.489	ug/l	99
18) Methyl Acetate	4.49	43	41846	18.532	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	137405	19.432	ug/l	96
20) Methylene Chloride	4.72	84	62327	20.030	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	59073	20.546	ug/l	100
22) Diisopropyl ether	6.13	45	179303	19.948	ug/l	95
23) Vinyl Acetate	6.07	43	560075	98.708	ug/l	99
24) 1,1-Dichloroethane	6.02	63	99190	20.370	ug/l	98
25) 2-Butanone	7.00	43	101757	87.800	ug/l	97
26) 2,2-Dichloropropane	6.99	77	90505	20.338	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	65655	20.883	ug/l	99
28) Bromochloromethane	7.35	49	24488	14.217	ug/l	96
29) Tetrahydrofuran	7.36	42	66031	93.131	ug/l	98
30) Chloroform	7.52	83	99498	20.198	ug/l	93
31) Cyclohexane	7.79	56	102253	20.049	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	89922	20.482	ug/l	99
36) 1,1-Dichloropropene	7.92	75	81041	20.756	ug/l	98
37) Ethyl Acetate	7.09	43	45835	19.773	ug/l	96
38) Carbon Tetrachloride	7.91	117	79233	21.089	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105464	20.907	ug/l	93
40) Benzene	8.17	78	232611	20.320	ug/l	96
41) Methacrylonitrile	7.33	41	28117m	21.742	ug/l	
42) 1,2-Dichloroethane	8.25	62	67442	20.773	ug/l	99
43) Isopropyl Acetate	8.28	43	85376	19.606	ug/l	99
44) Trichloroethene	8.95	130	64073	21.229	ug/l	89
45) 1,2-Dichloropropane	9.22	63	59041	20.956	ug/l	93
46) Dibromomethane	9.31	93	30657	19.786	ug/l	96
47) Bromodichloromethane	9.50	83	74279	20.204	ug/l	98
48) Methyl methacrylate	9.30	41	36541	19.206	ug/l	99
49) 1,4-Dioxane	9.31	88	8608	412.794	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	226399	97.787	ug/l	100
52) Toluene	10.25	92	149858	20.707	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	78131	19.889	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	91178	20.261	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	43882	19.581	ug/l	98
56) Ethyl methacrylate	10.51	69	62292	19.611	ug/l	98
57) 1,3-Dichloropropane	10.79	76	77277	19.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	141195	98.326	ug/l	100
59) 2-Hexanone	10.83	43	158687	94.072	ug/l	99
60) Dibromochloromethane	10.99	129	48912	19.054	ug/l	98
61) 1,2-Dibromoethane	11.09	107	43272	20.082	ug/l	98
64) Tetrachloroethene	10.72	164	62514	20.418	ug/l	98
65) Chlorobenzene	11.52	112	157407	20.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	53575	20.577	ug/l	97
67) Ethyl Benzene	11.59	91	286212	20.715	ug/l	98
68) m/p-Xylenes	11.70	106	220733	41.278	ug/l	99
69) o-Xylene	12.03	106	103780	20.650	ug/l	96
70) Styrene	12.05	104	170781	19.845	ug/l	99
71) Bromoform	12.21	173	28711	19.173	ug/l #	95
73) Isopropylbenzene	12.33	105	273656	20.466	ug/l	98
74) N-amyl acetate	12.14	43	74261	19.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51852	19.585	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39162m	19.011	ug/l	
77) Bromobenzene	12.61	156	61218	20.189	ug/l	99
78) n-propylbenzene	12.67	91	335286	20.782	ug/l	100
79) 2-Chlorotoluene	12.75	91	184164	20.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	232675	20.894	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18018	19.611	ug/l	99
82) 4-Chlorotoluene	12.86	91	191700	20.648	ug/l	98
83) tert-Butylbenzene	13.07	119	201171	21.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	233328	21.044	ug/l	99
85) sec-Butylbenzene	13.25	105	289008	21.334	ug/l	100
86) p-Isopropyltoluene	13.37	119	253858	21.026	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122940	20.700	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	121584	20.487	ug/l	98
89) n-Butylbenzene	13.69	91	247257	20.763	ug/l	100
90) Hexachloroethane	13.96	117	46287	20.737	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	113279	21.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8811	18.805	ug/l	89

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VY1030SBSD01

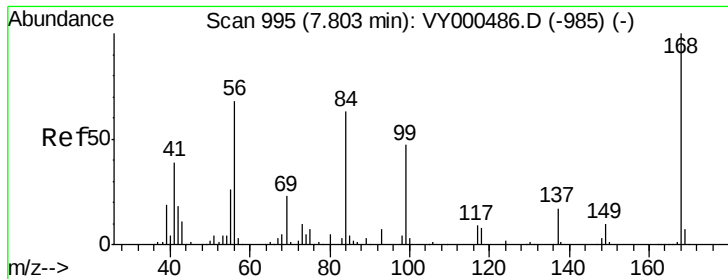
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	80240	21.869	ug/l	97
94) Hexachlorobutadiene	15.11	225	41529	21.957	ug/l	100
95) Naphthalene	15.23	128	171049	21.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	68729	20.879	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion:168 Resp: 254607

Ion Ratio Lower Upper

168 100

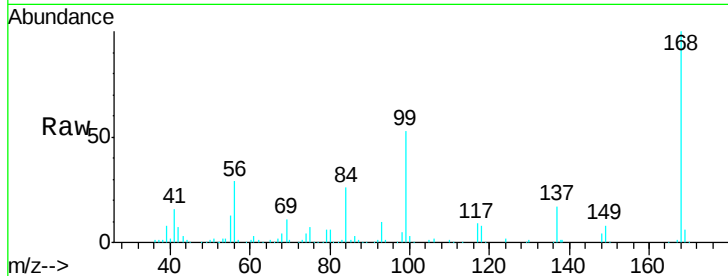
99 53.0 45.7 68.5

Manual Integrations

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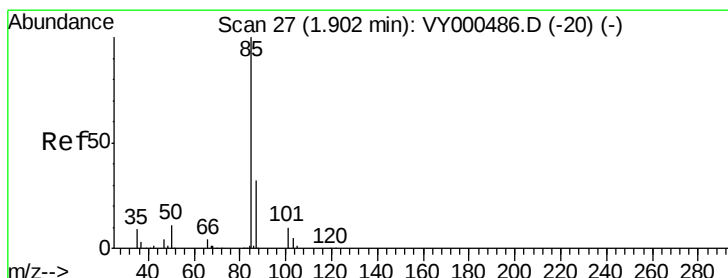
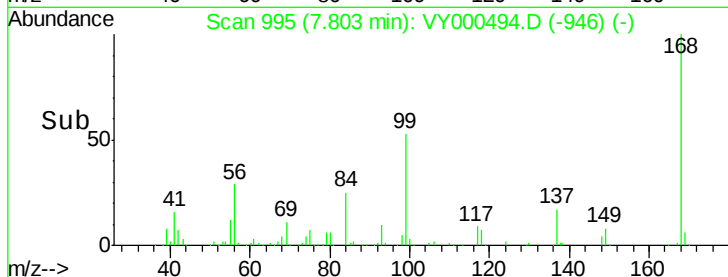
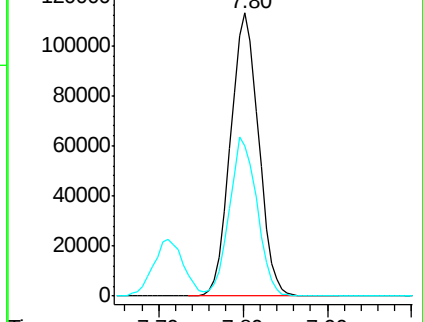
MMDadoda

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

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



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000494.D

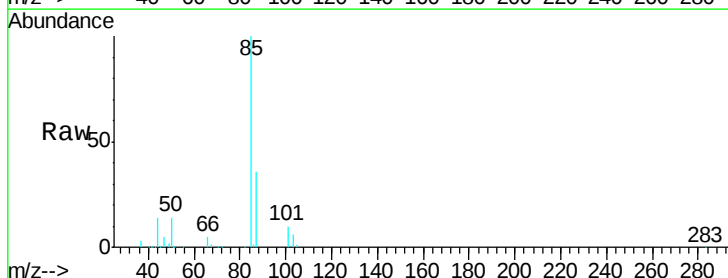
Acq: 30 Oct 2019 16:39

Tgt Ion: 85 Resp: 50510

Ion Ratio Lower Upper

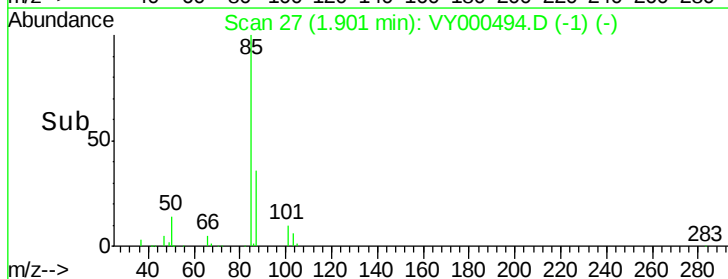
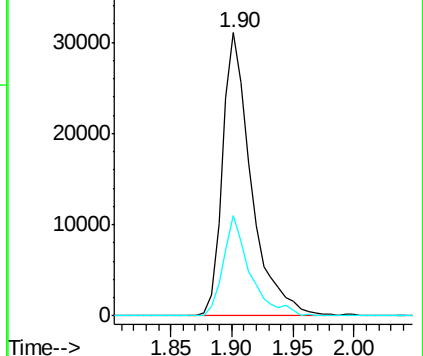
85 100

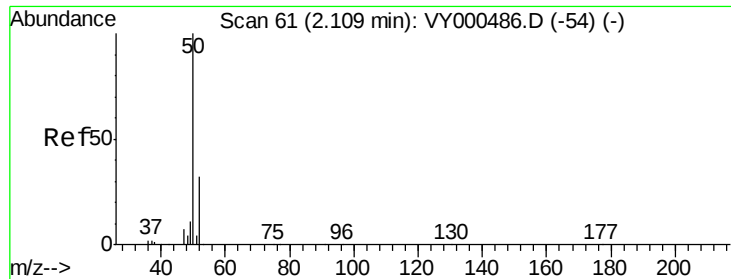
87 35.5 15.9 47.7



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

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





#3

Chloromethane

Concen: 20.822 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 50 Resp: 71890

Ion Ratio Lower Upper

50 100

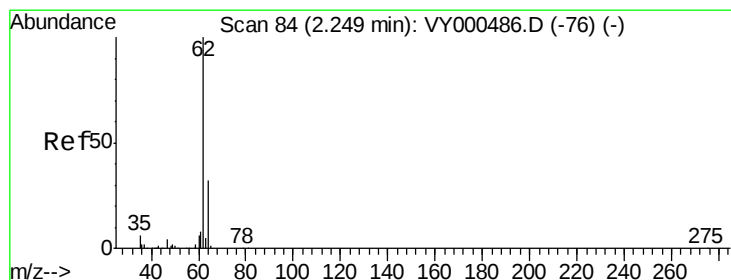
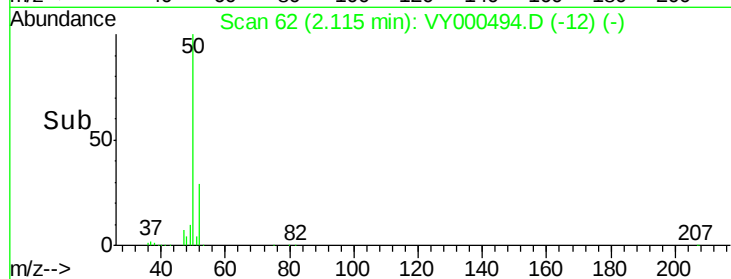
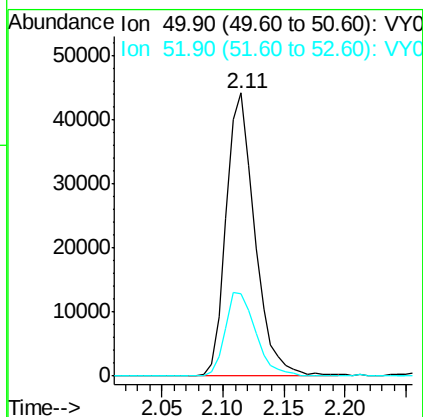
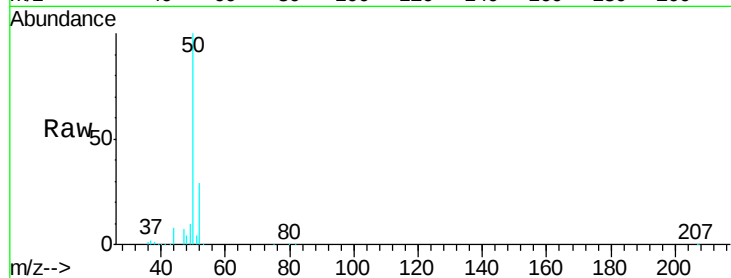
52 29.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.787 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000494.D

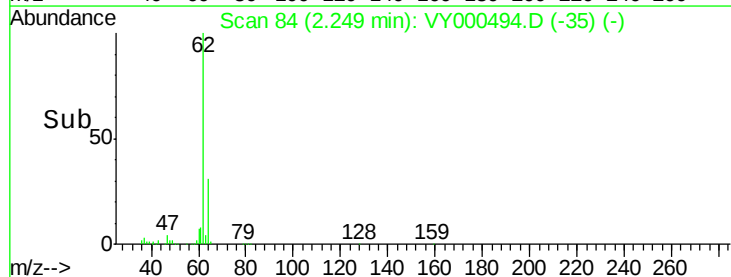
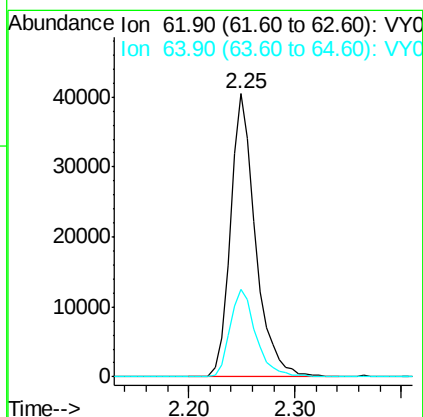
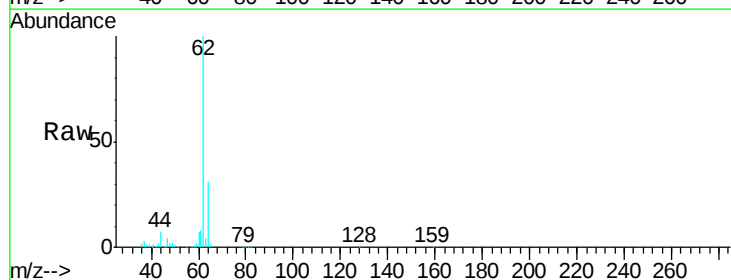
Acq: 30 Oct 2019 16:39

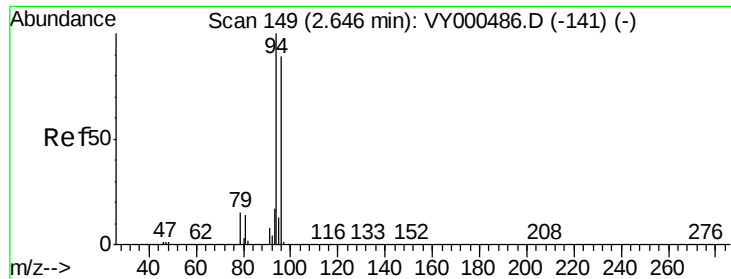
Tgt Ion: 62 Resp: 66646

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 21.263 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 94 Resp: 40881

Ion Ratio Lower Upper

94 100

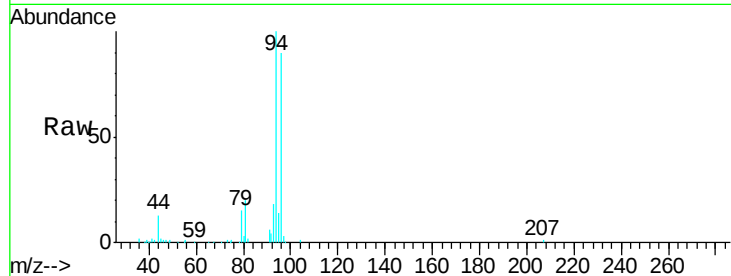
96 90.3 71.2 106.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

10000

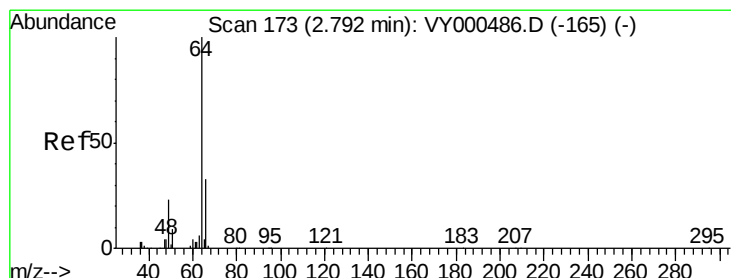
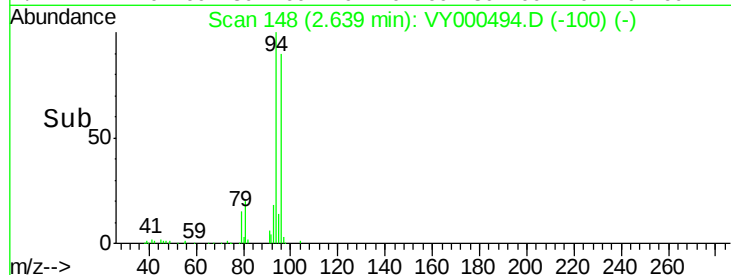
5000

0

2.60

2.70

Time-->



#6

Chloroethane

Concen: 19.908 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000494.D

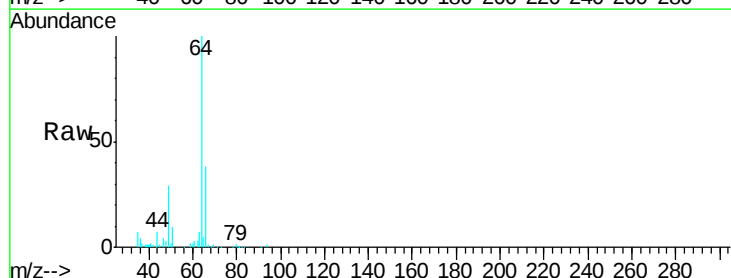
Acq: 30 Oct 2019 16:39

Tgt Ion: 64 Resp: 39949

Ion Ratio Lower Upper

64 100

66 38.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

20000

15000

10000

5000

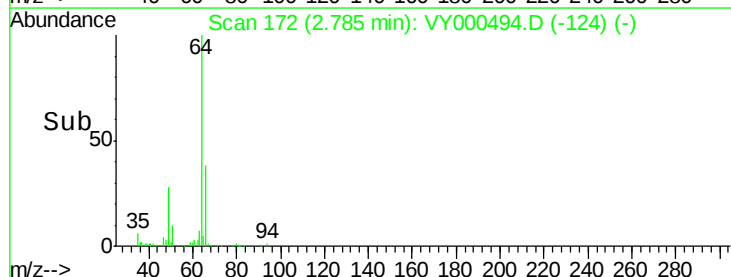
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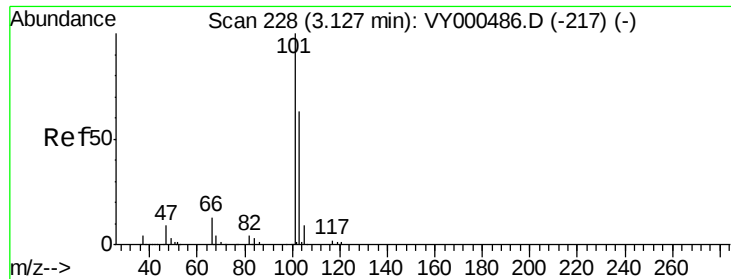
2.70

2.80

2.90

Time-->





#7

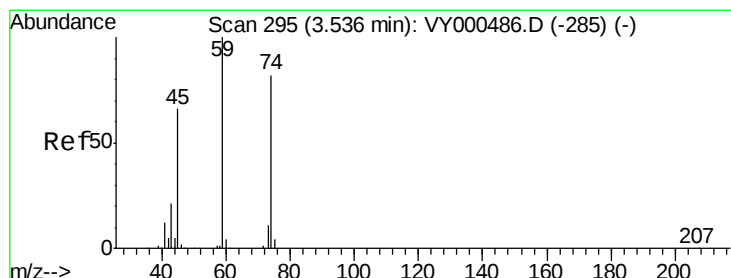
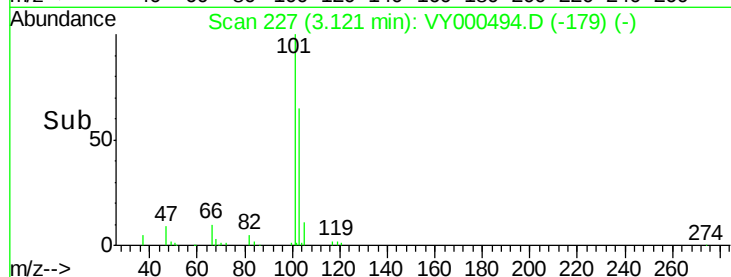
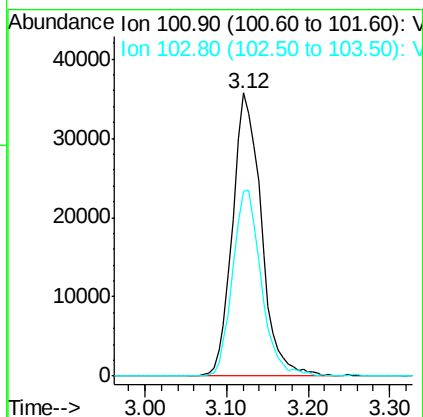
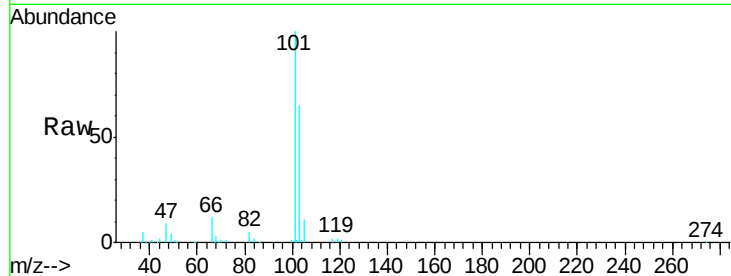
Trichlorofluoromethane
 Concen: 20.061 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	86861		
103	65.3	50.5	75.7	

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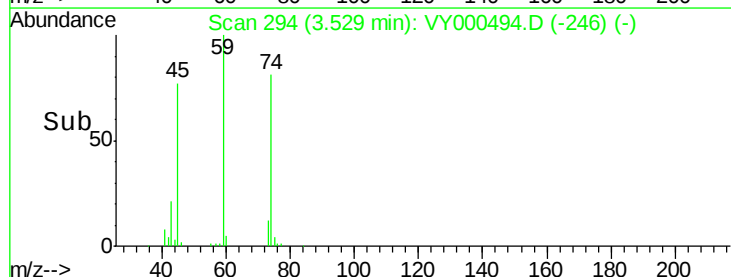
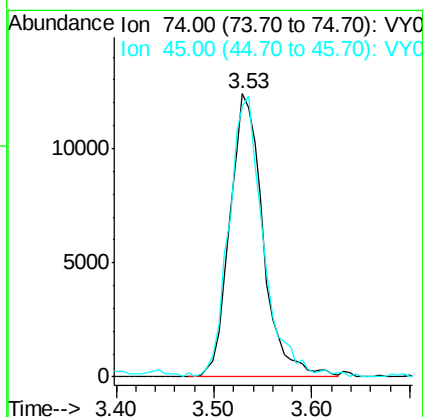
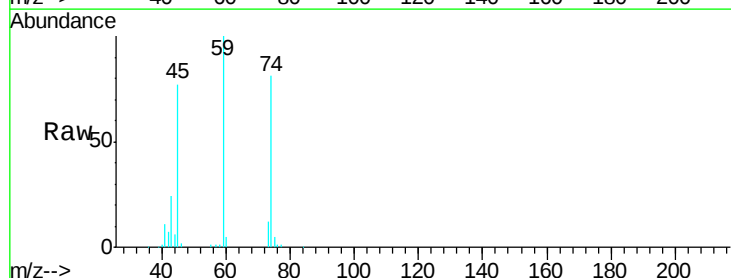
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 10/31/2019 11:31:53 AM



#8

Diethyl Ether
 Concen: 19.025 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29271		
45	103.4	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.086 ug/l

RT: 3.89 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

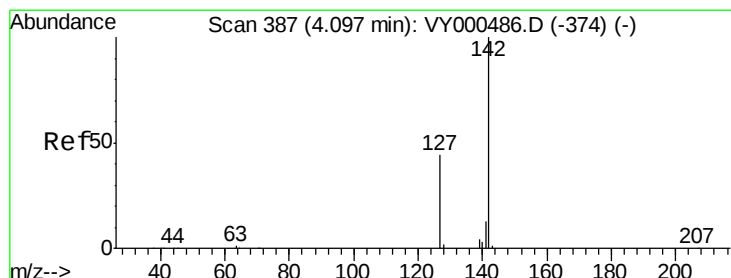
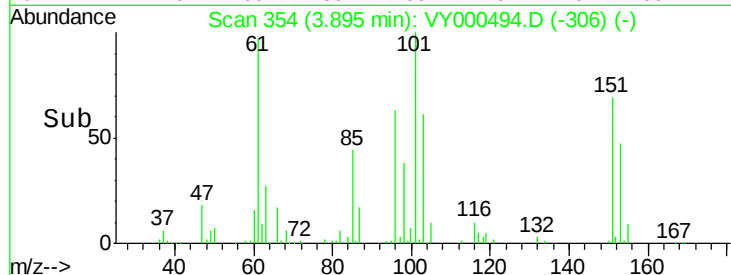
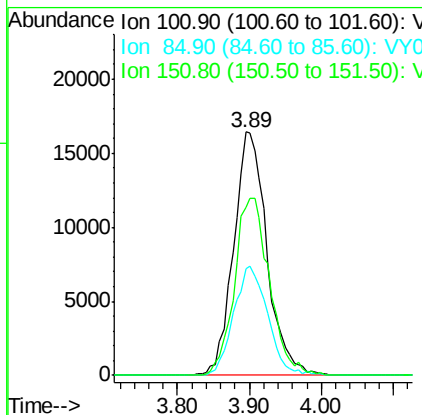
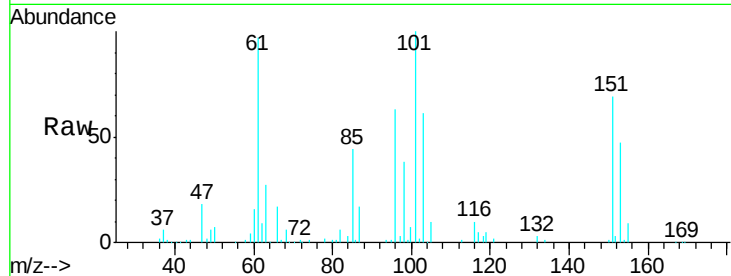
ClientSampleId :

VY1030SBS01

Tgt Ion:	101	Resp:	52580
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.7	55.1
151	77.0	64.3	96.5

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#10

Methyl Iodide

Concen: 20.751 ug/l

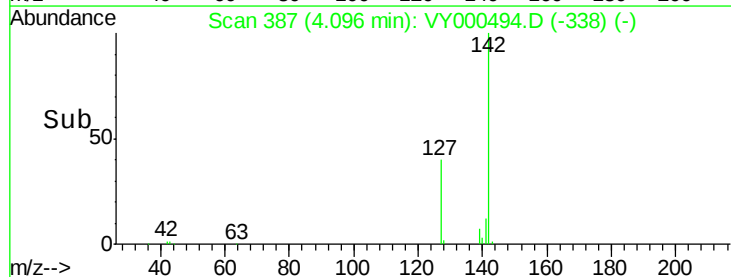
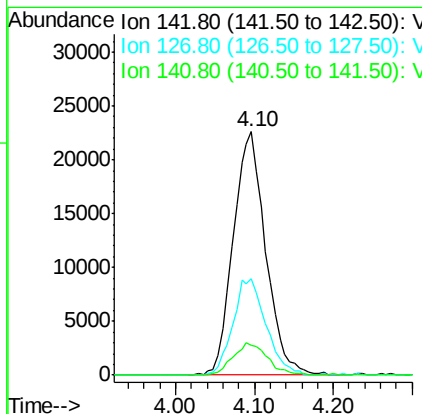
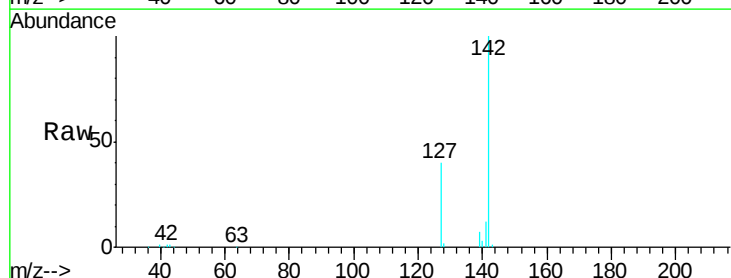
RT: 4.10 min Scan# 387

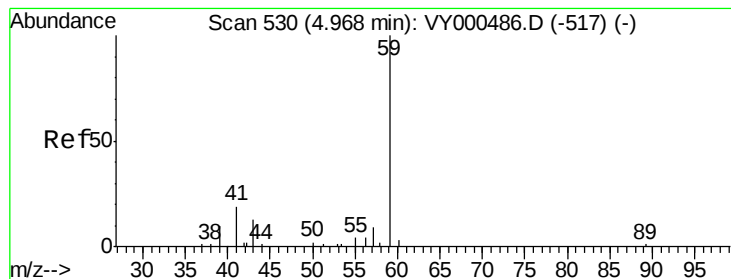
Delta R.T. 0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	142	Resp:	64609
Ion Ratio	Lower	Upper	
142	100		
127	40.2	33.7	50.5
141	14.0	10.9	16.3





#11

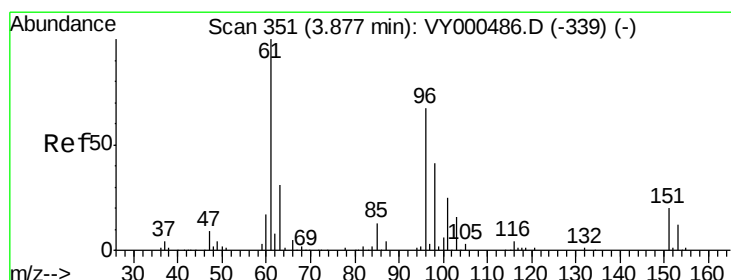
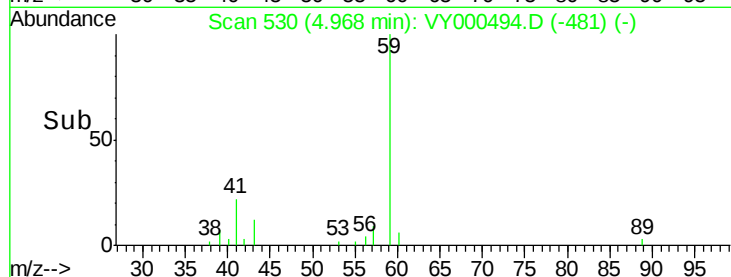
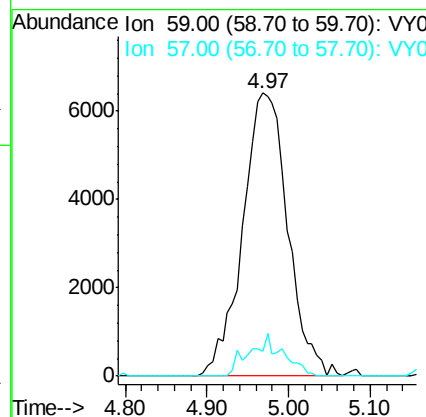
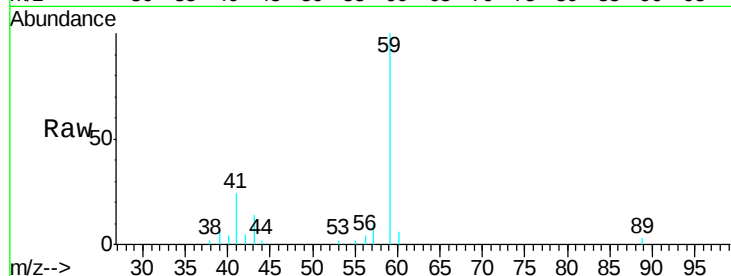
Tert butyl alcohol
 Concen: 96.251 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

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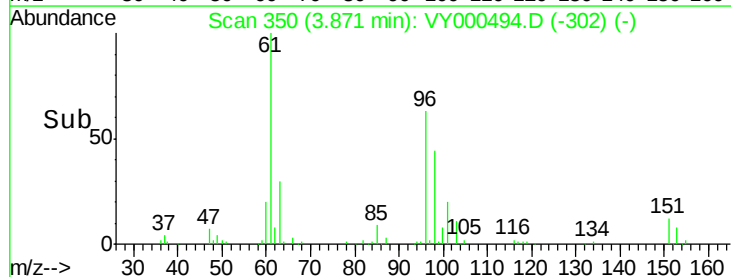
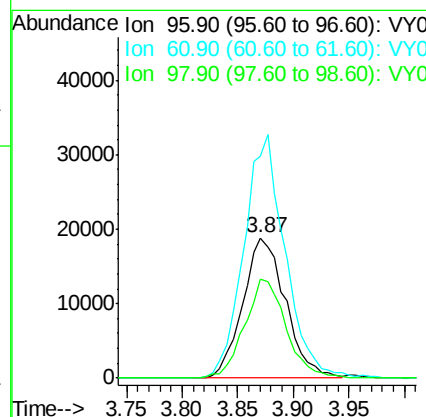
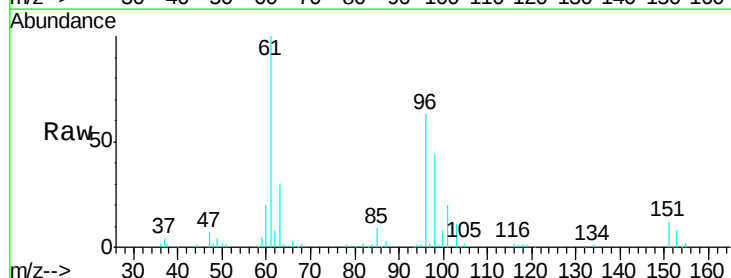
MMDadoda
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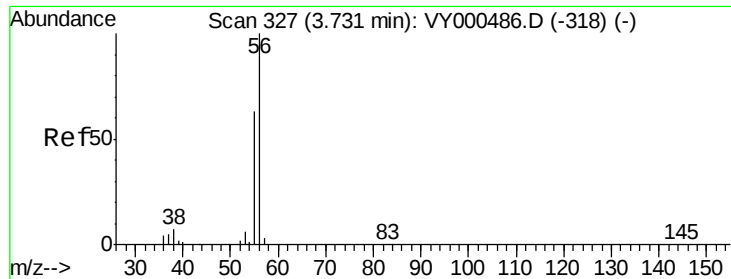


#12

1,1-Dichloroethene
 Concen: 19.797 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	119.2	178.8
98	70.1	48.6	73.0





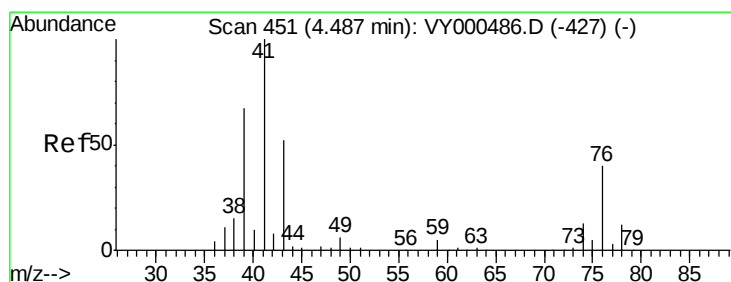
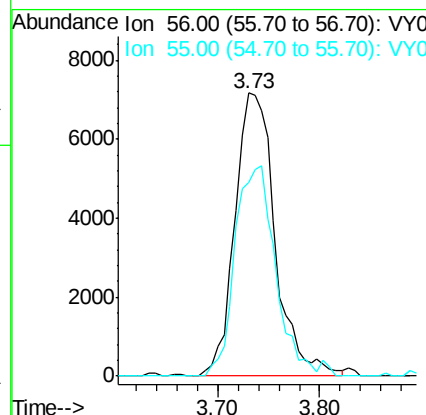
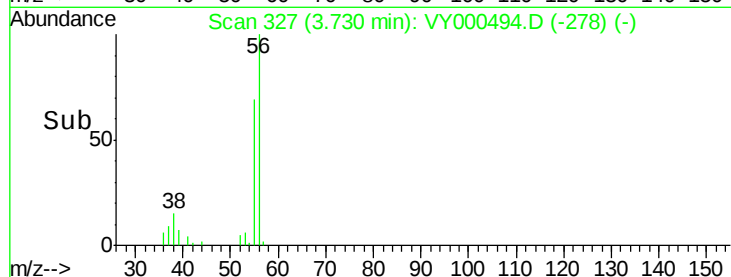
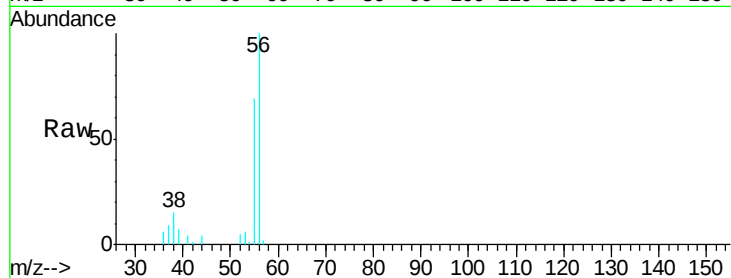
#13
Acrolein
Concen: 87.716 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.0	85.6

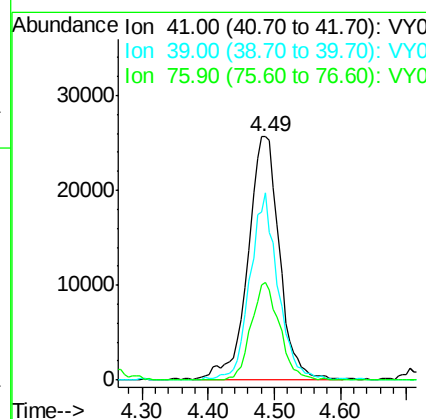
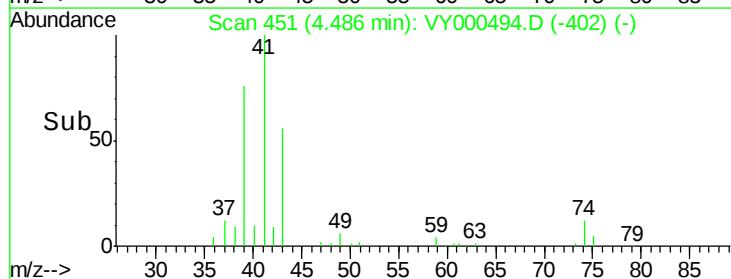
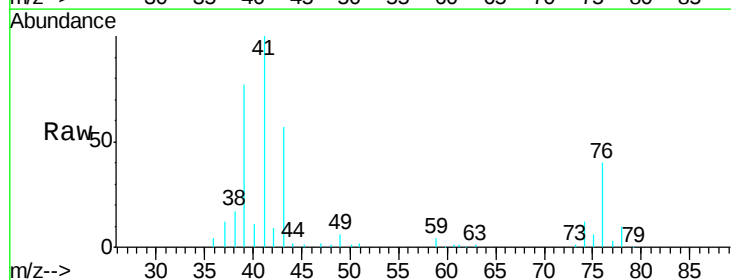
Manual Integrations
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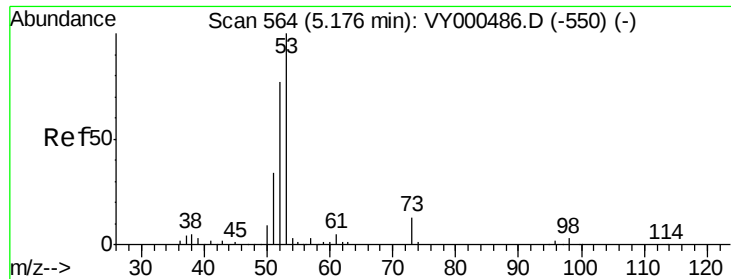
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#14
Allyl chloride
Concen: 20.698 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.2	53.6	80.4
76	36.0	29.8	44.6





#15

Acrylonitrile

Concen: 97.721 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

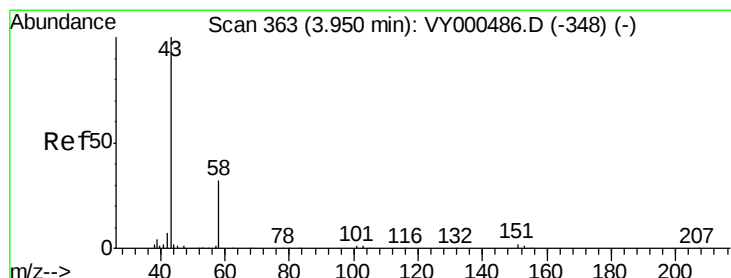
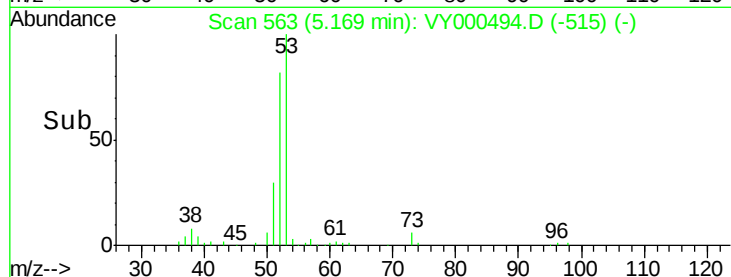
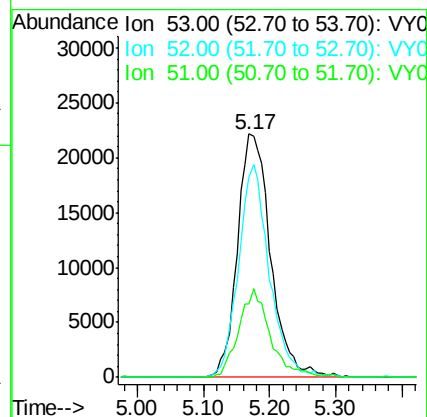
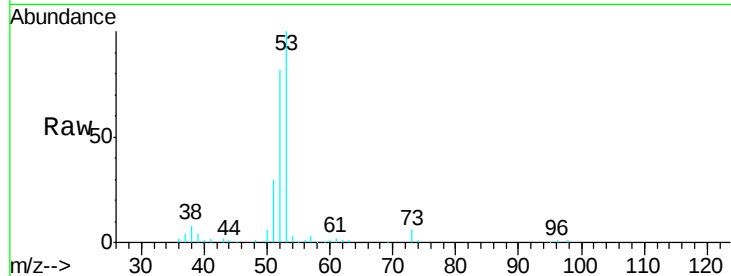
ClientSampleId :

VY1030SBS01

Tgt Ion:	53	Resp:	77017
Ion Ratio	Lower	Upper	
53	100		
52	80.9	64.9	97.3
51	34.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 87.731 ug/l

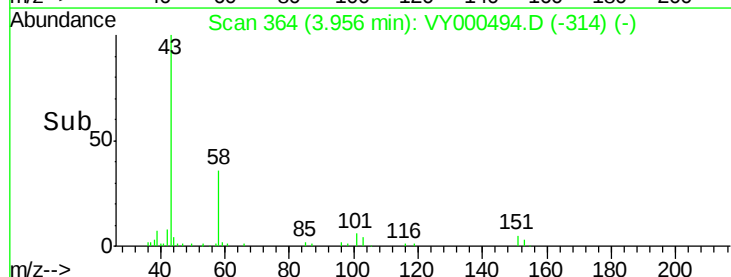
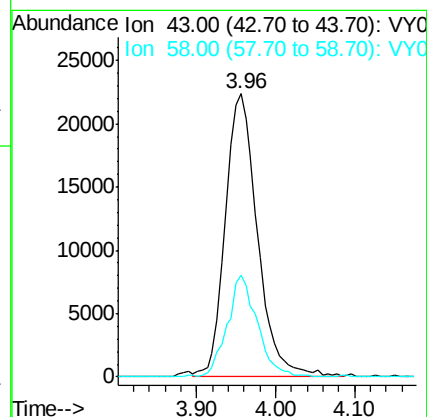
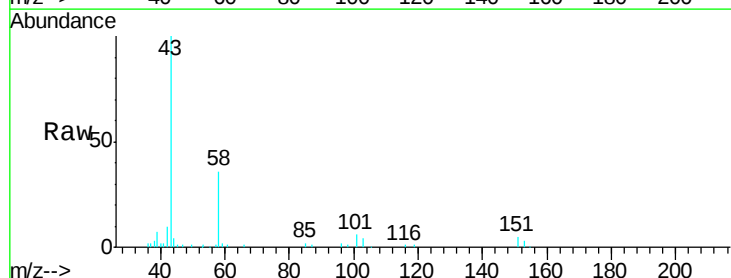
RT: 3.96 min Scan# 364

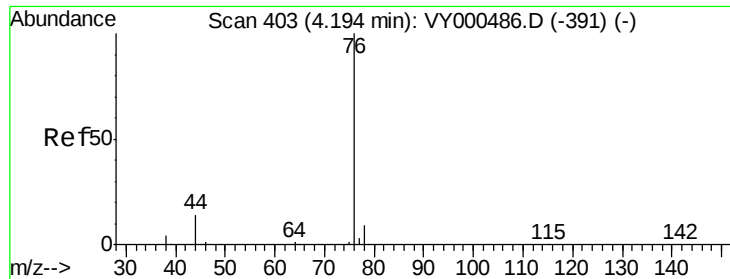
Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	43	Resp:	63710
Ion Ratio	Lower	Upper	
43	100		
58	35.6	25.8	38.6





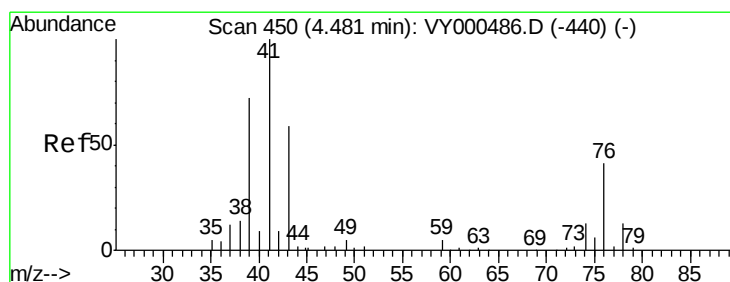
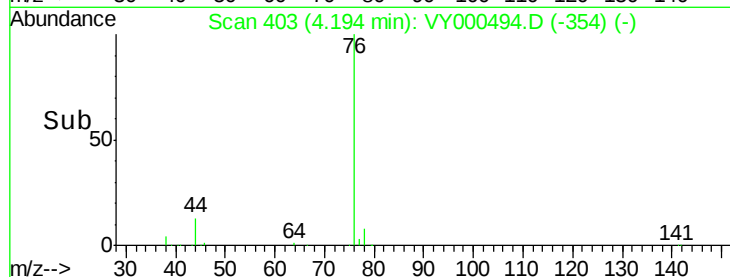
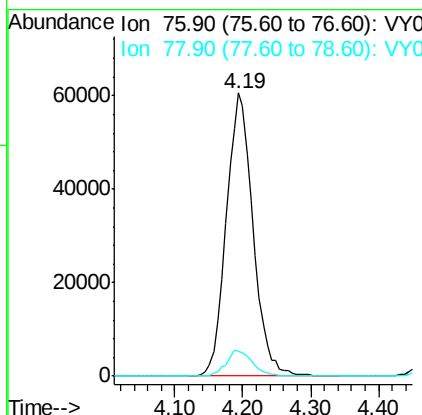
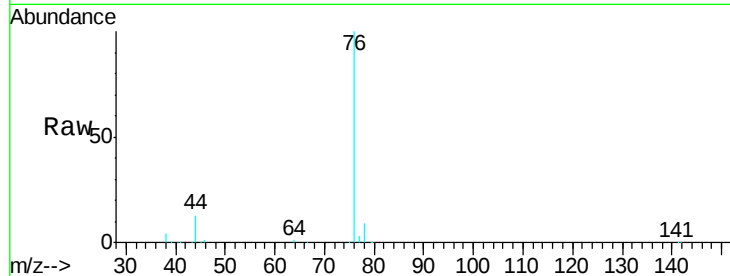
#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

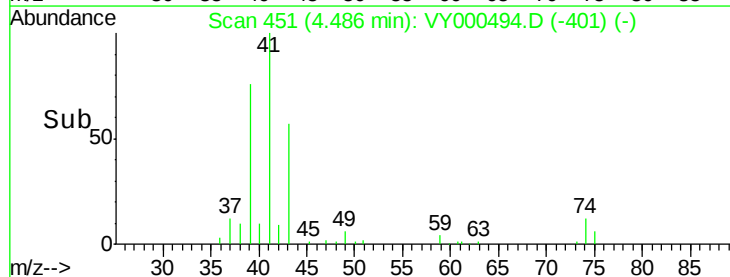
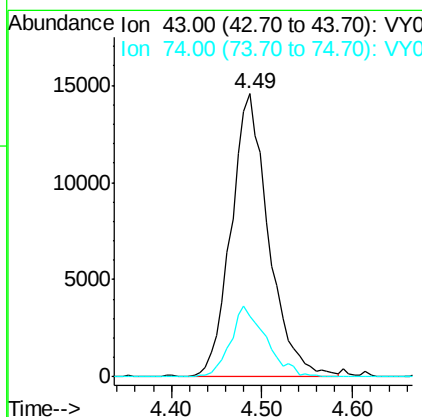
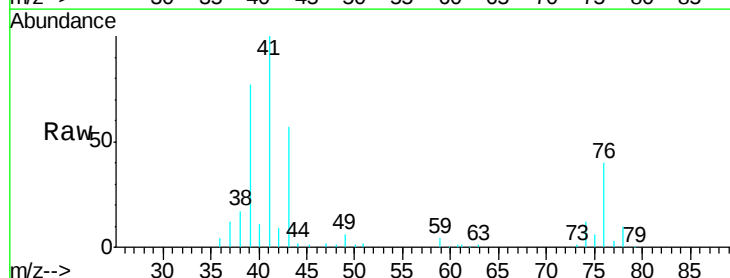
Manual Integrations
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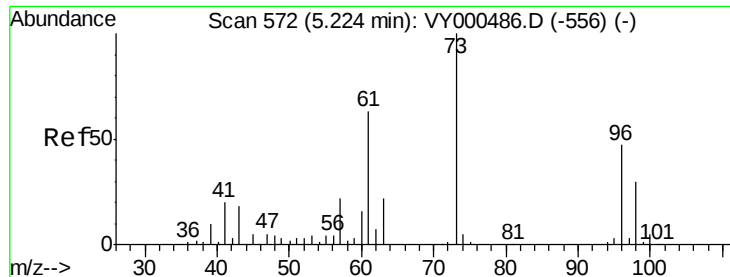
MMDadoda
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#18
Methyl Acetate
Concen: 18.532 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.2	28.8





#19

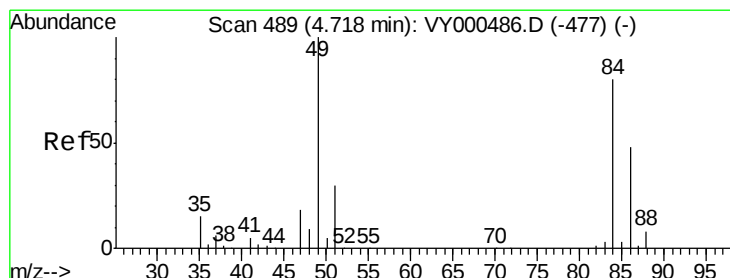
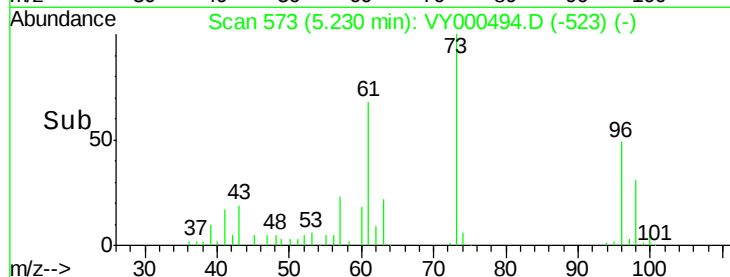
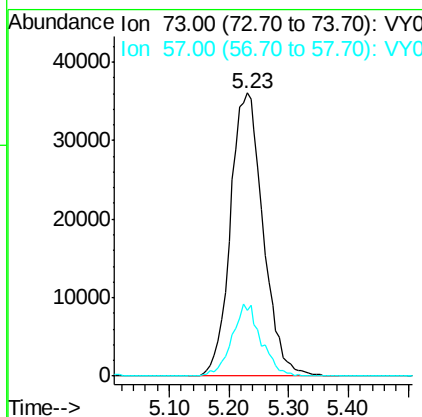
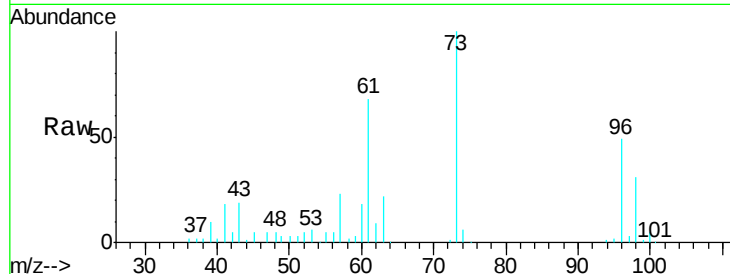
Methyl tert-butyl Ether
 Concen: 19.432 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 73 Resp: 137405
 Ion Ratio Lower Upper
 73 100
 57 23.4 17.4 26.0

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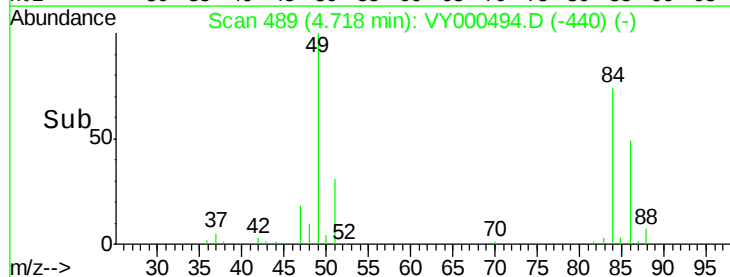
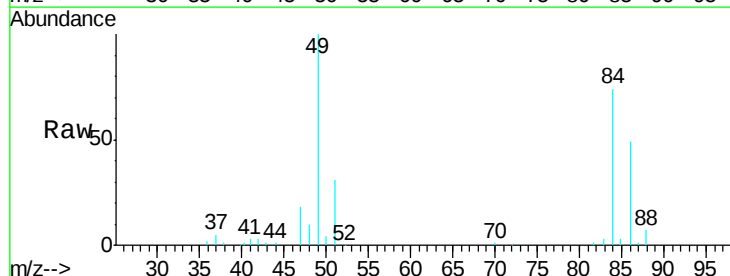
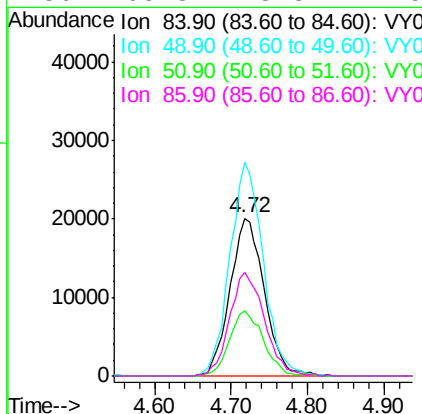
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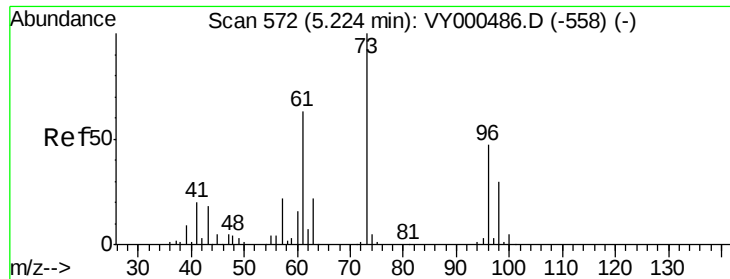


#20

Methylene Chloride
 Concen: 20.030 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 84 Resp: 62327
 Ion Ratio Lower Upper
 84 100
 49 135.6 100.2 150.4
 51 41.8 29.6 44.4
 86 65.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.546 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

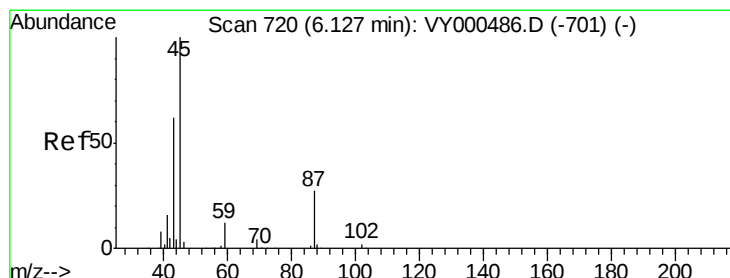
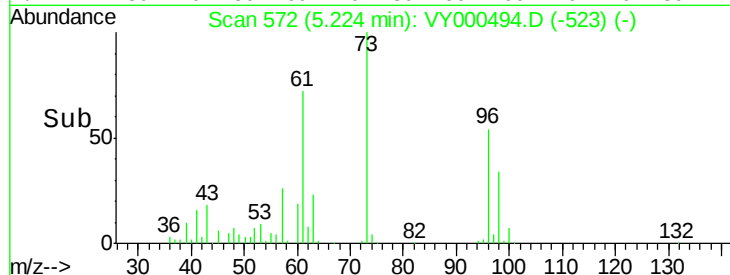
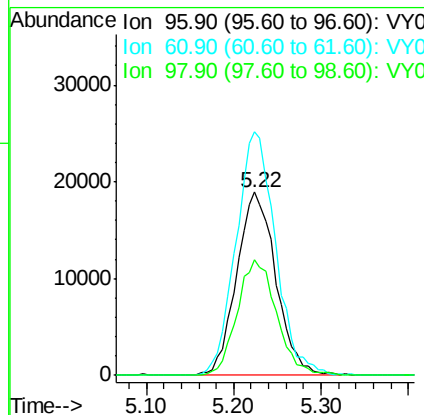
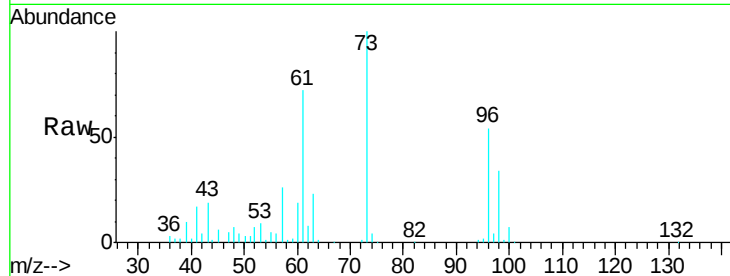
ClientSampleId :

VY1030SBS01

Tgt Ion:	96	Resp:	59073
Ion	Ratio	Lower	Upper
96	100		
61	133.1	106.6	160.0
98	62.9	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.948 ug/l

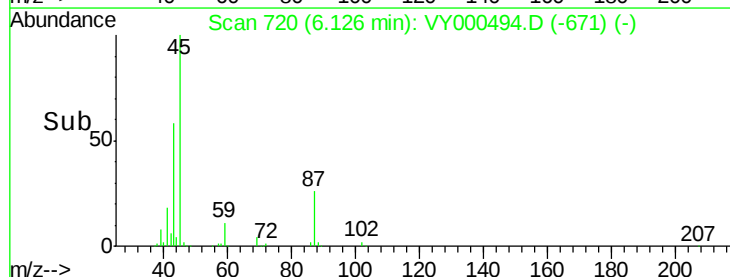
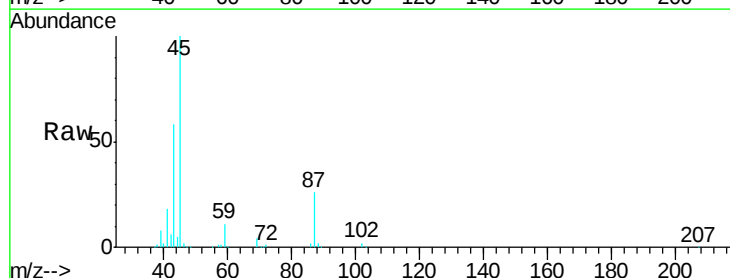
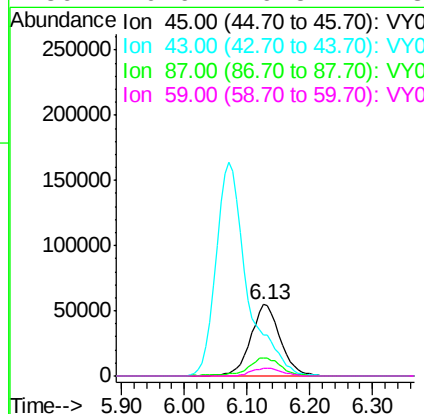
RT: 6.13 min Scan# 720

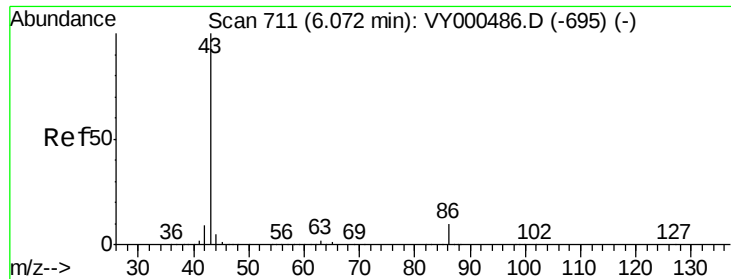
Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	45	Resp:	179303
Ion	Ratio	Lower	Upper
45	100		
43	57.9	50.0	75.0
87	25.8	21.6	32.4
59	10.6	9.5	14.3





#23

Vinyl Acetate

Concen: 98.708 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 43 Resp: 560075

Ion Ratio Lower Upper

43 100

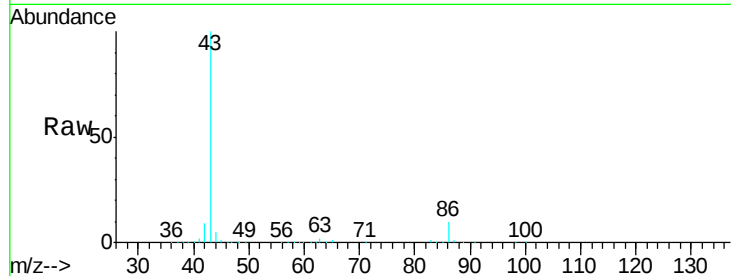
86 10.0 7.8 11.6

Manual Integrations

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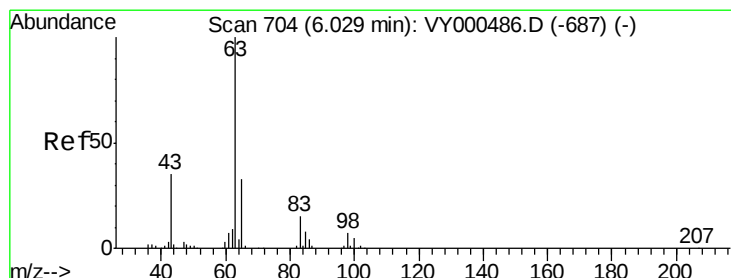
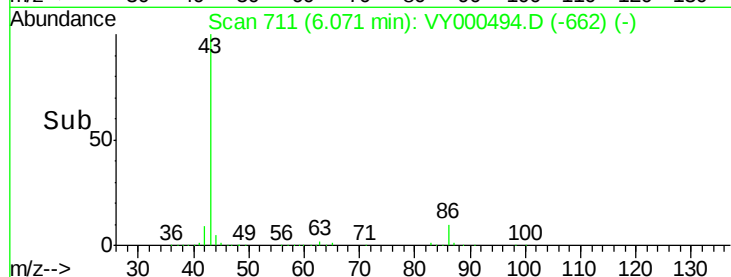
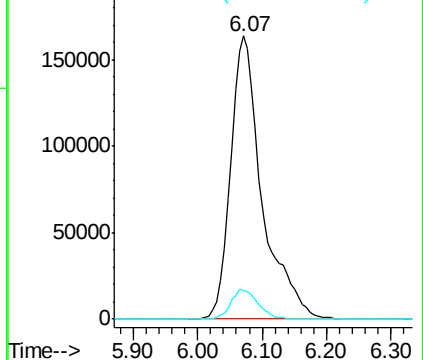
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.370 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

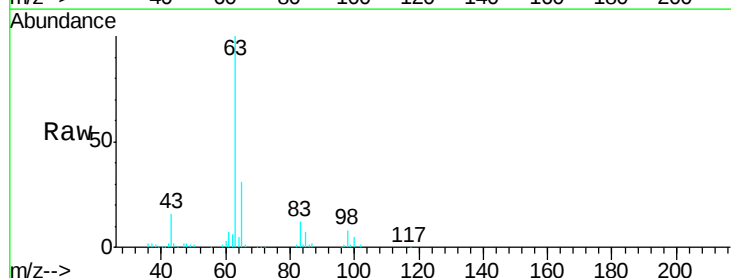
Tgt Ion: 63 Resp: 99190

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

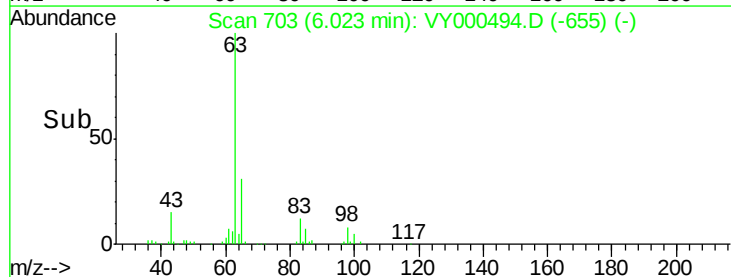
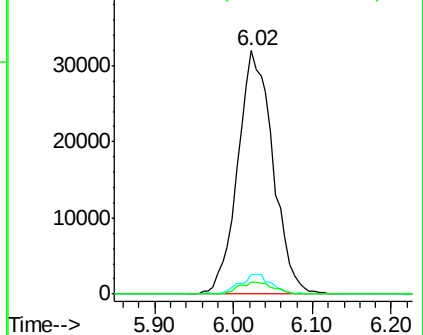
100 4.9 2.4 7.1

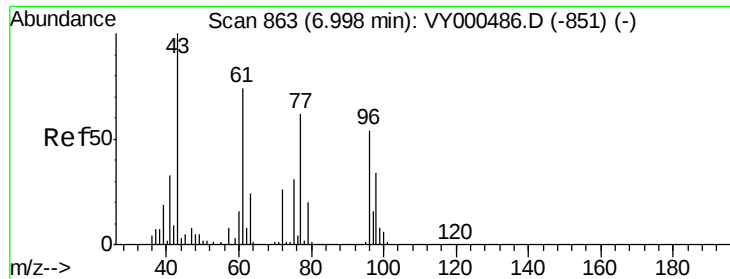


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 87.800 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 43 Resp: 101757

Ion Ratio Lower Upper

43 100

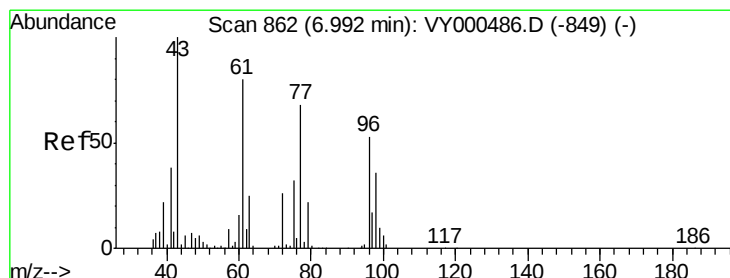
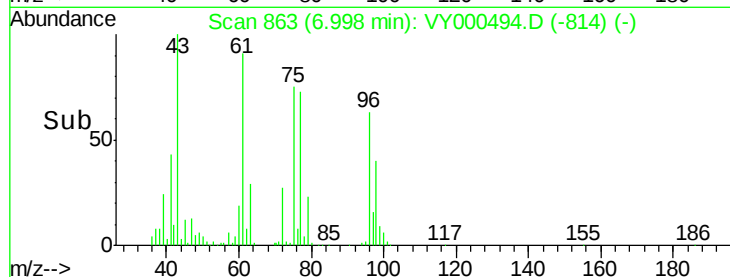
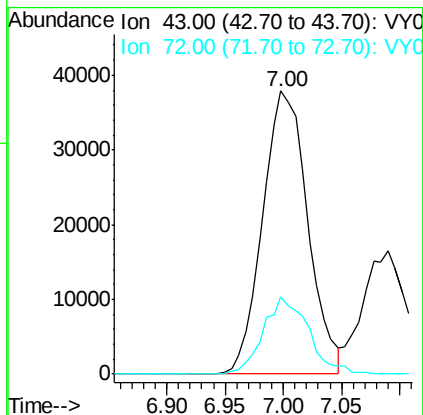
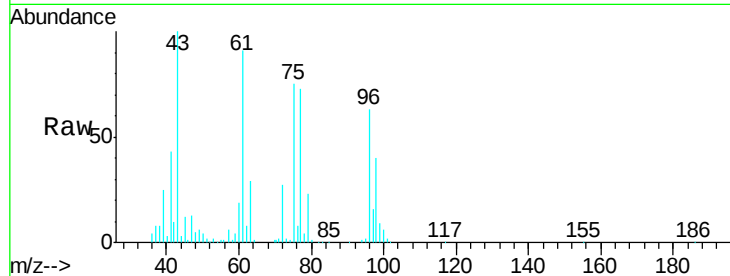
72 27.4 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.338 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000494.D

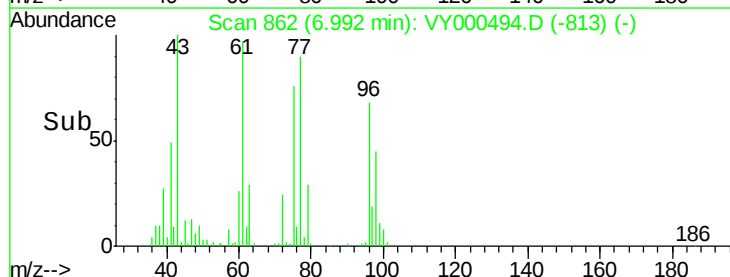
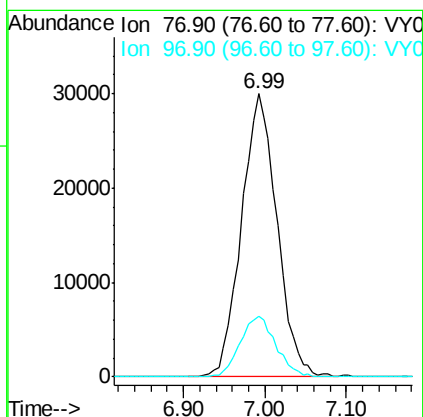
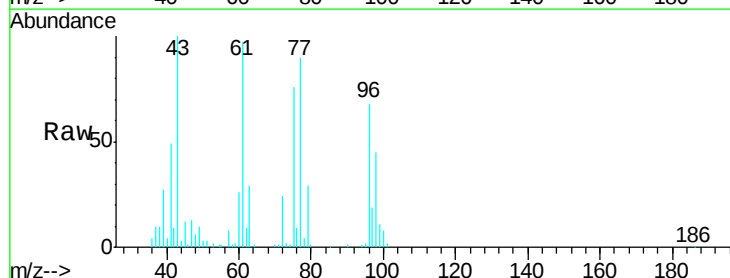
Acq: 30 Oct 2019 16:39

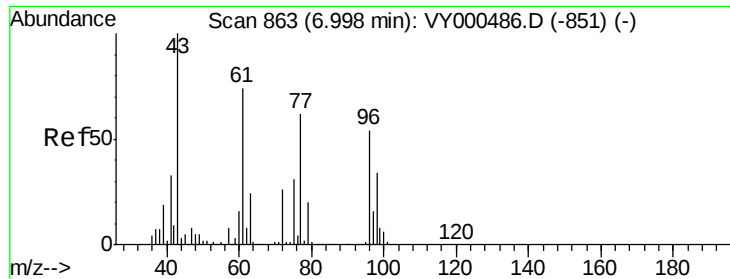
Tgt Ion: 77 Resp: 90505

Ion Ratio Lower Upper

77 100

97 21.5 11.8 35.4





#27

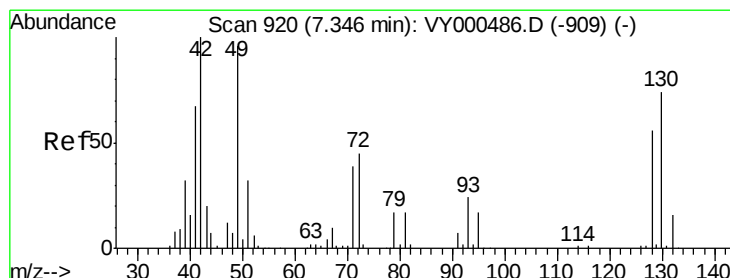
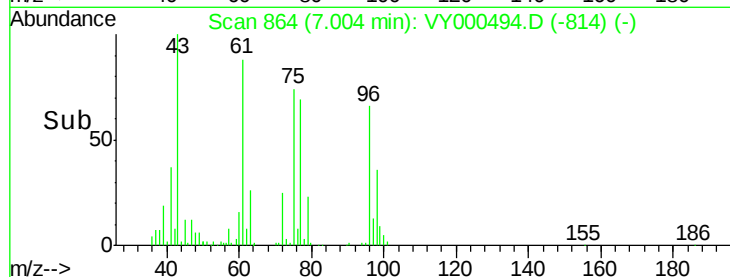
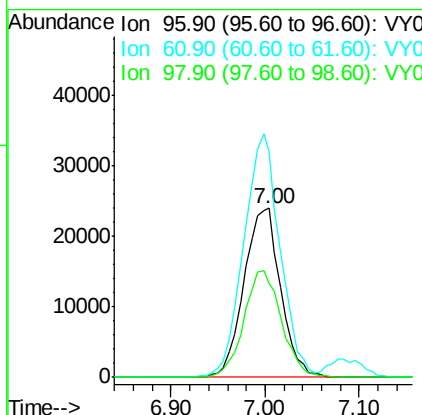
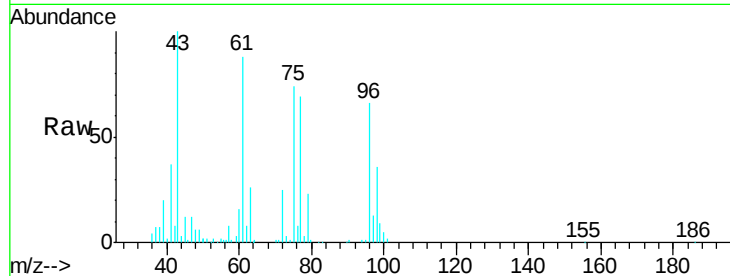
cis-1,2-Dichloroethene
Concen: 20.883 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	65655		
61	142.2	0.0	287.0	
98	64.1	0.0	129.4	

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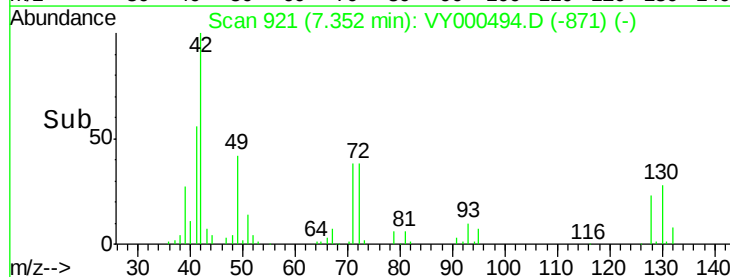
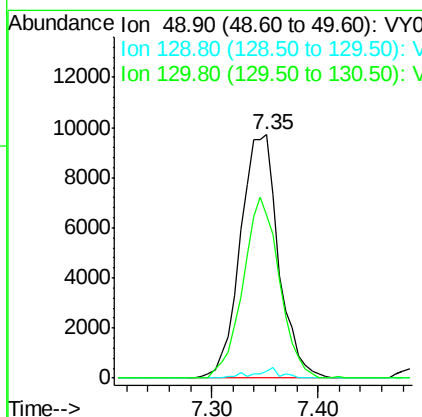
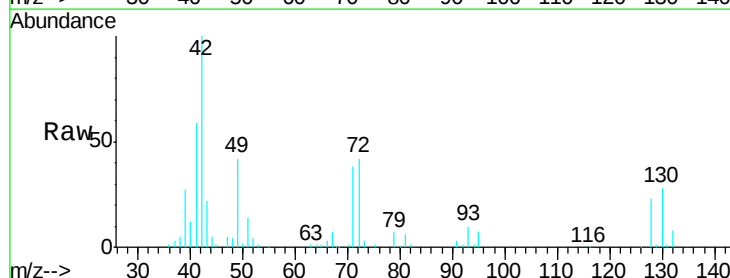
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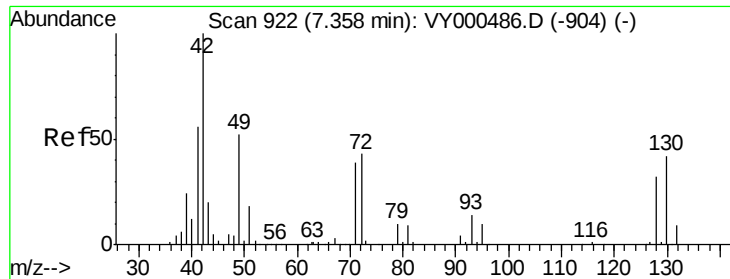


#28

Bromochloromethane
Concen: 14.217 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24488		
129	2.2	0.0	3.6	
130	70.8	59.4	89.0	





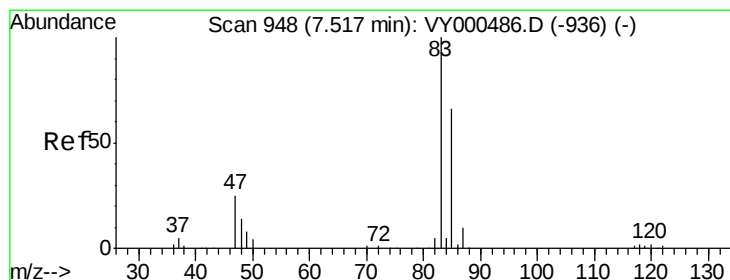
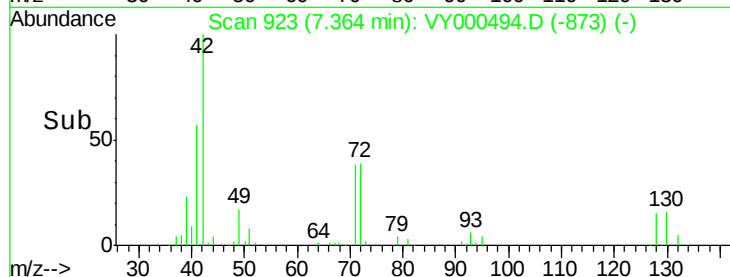
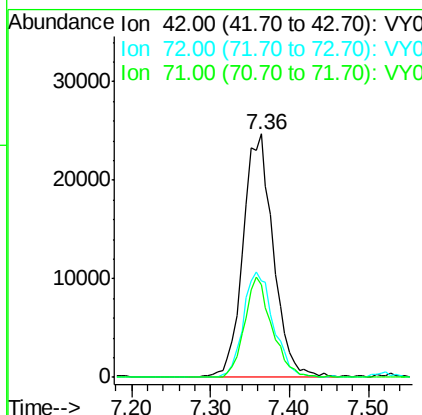
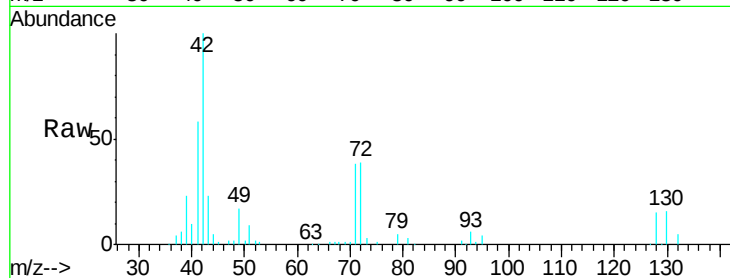
#29
Tetrahydrofuran
Concen: 93.131 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.0	51.0
71	36.9	30.8	46.2

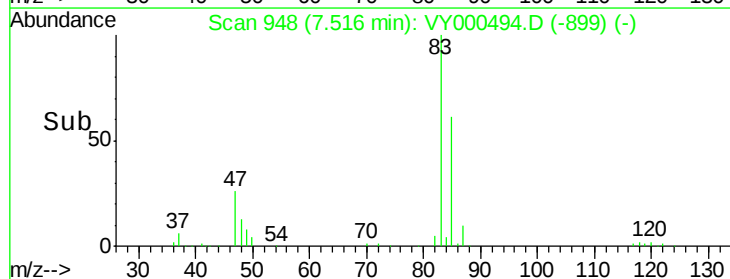
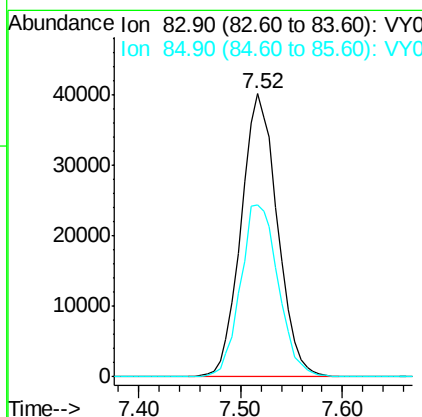
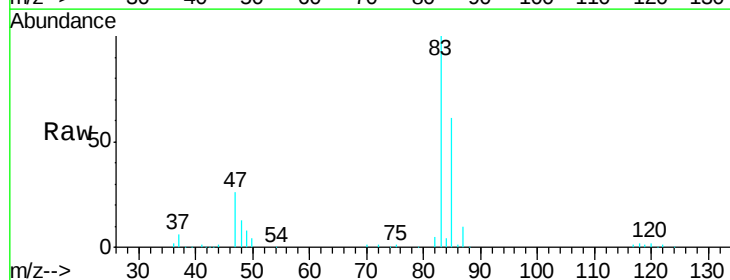
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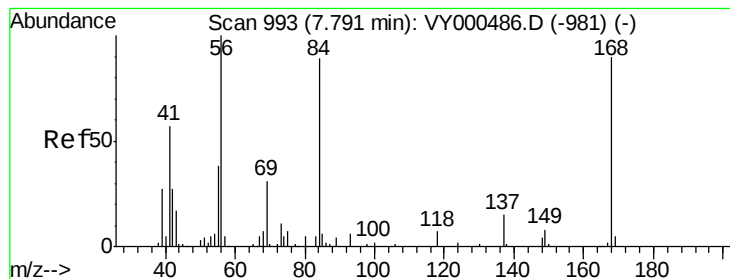
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#30
Chloroform
Concen: 20.198 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	53.0	79.4





#31

Cyclohexane

Concen: 20.049 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 56 Resp: 102253

Ion Ratio Lower Upper

56 100

69 37.4 25.0 37.6

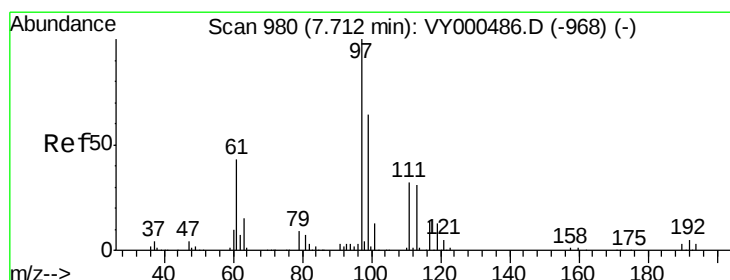
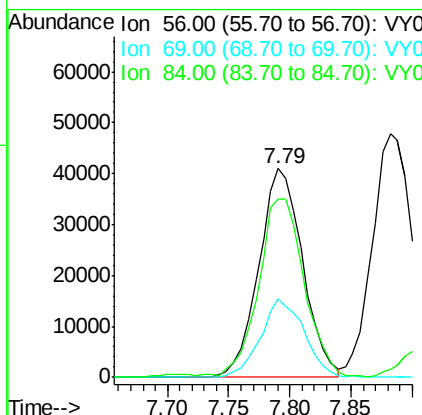
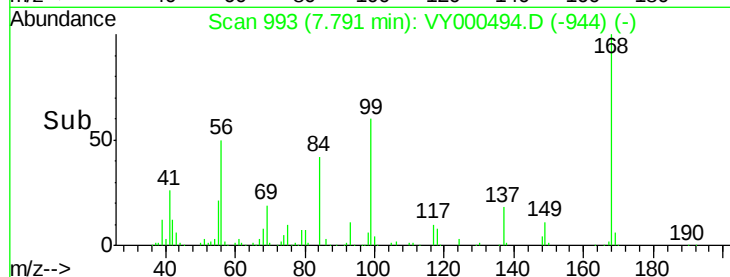
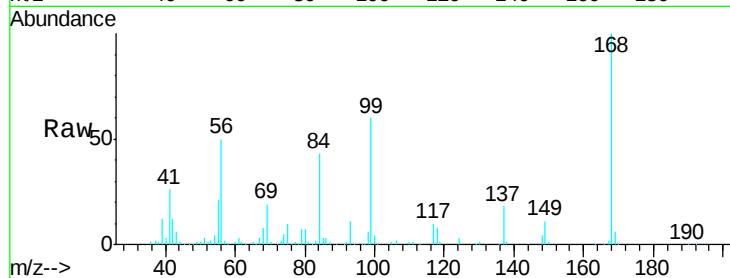
84 84.1 71.4 107.2

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#32

1,1,1-Trichloroethane

Concen: 20.482 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

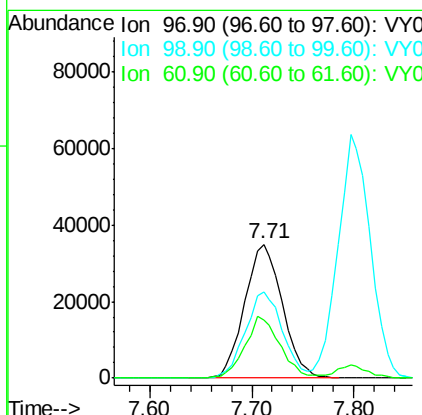
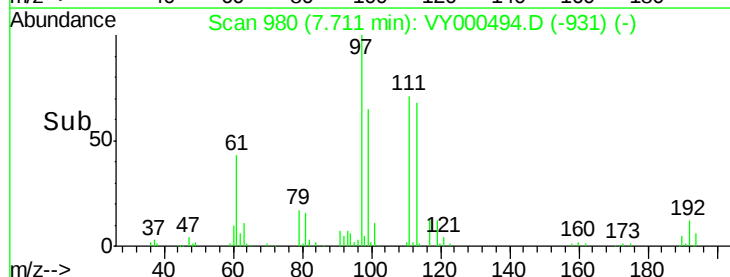
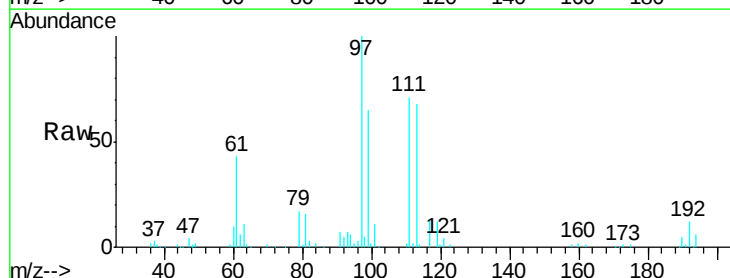
Tgt Ion: 97 Resp: 89922

Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 42.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 49.879 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 65 Resp: 131424

Ion Ratio Lower Upper

65 100

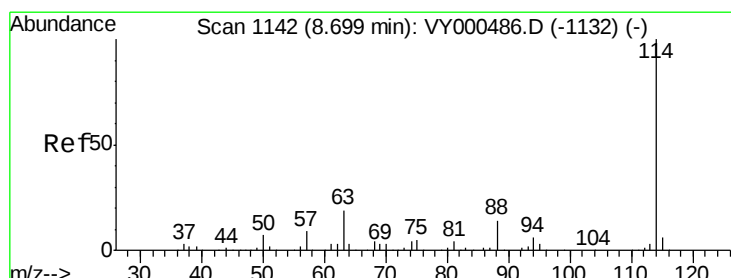
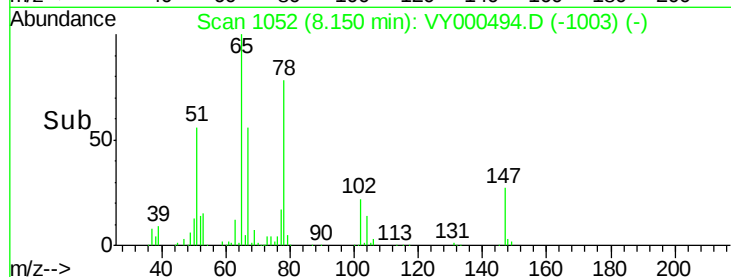
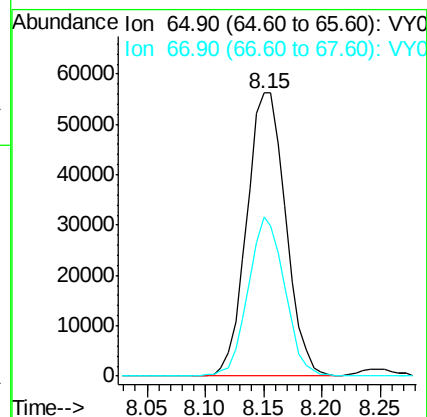
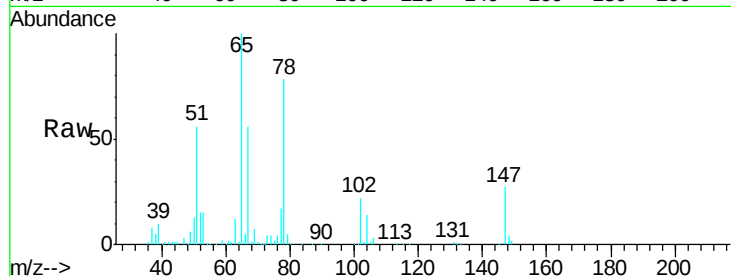
67 52.7 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

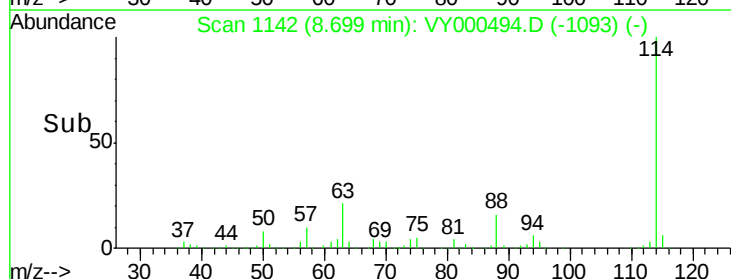
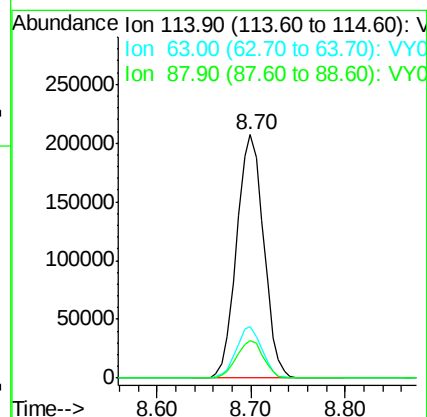
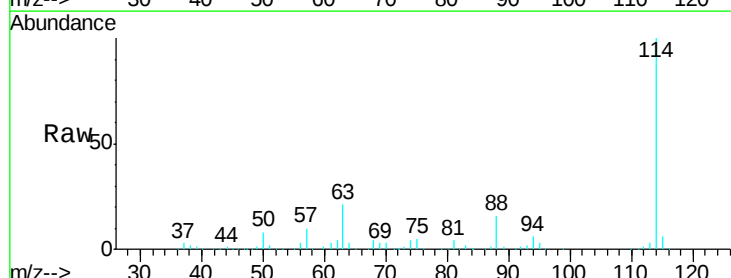
Tgt Ion: 114 Resp: 413021

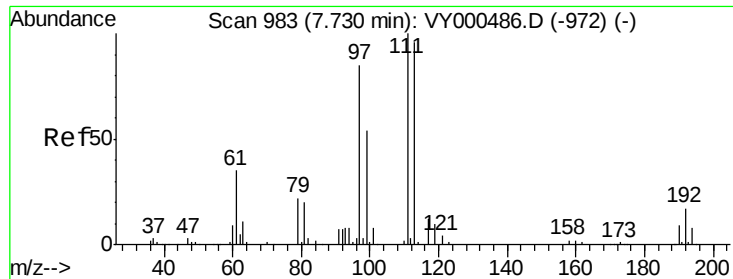
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.0

88 15.5 0.0 28.6





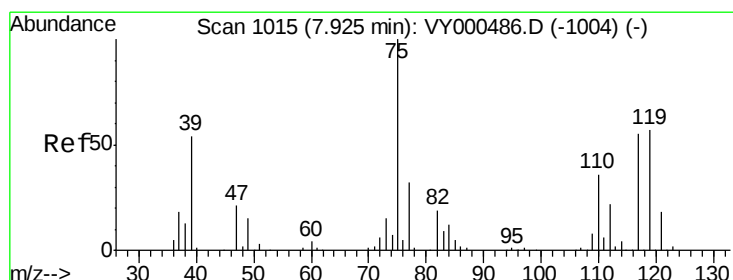
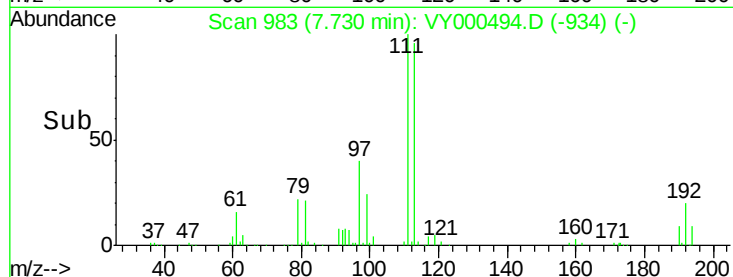
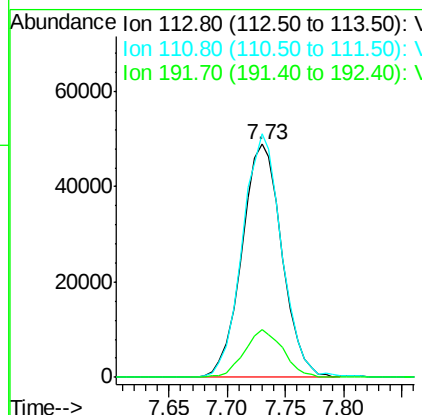
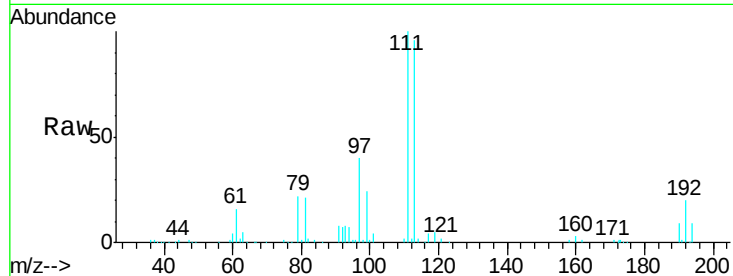
#35
Dibromofluoromethane
Concen: 48.353 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117242		
111	102.5	81.7	122.5	
192	19.7	15.0	22.4	

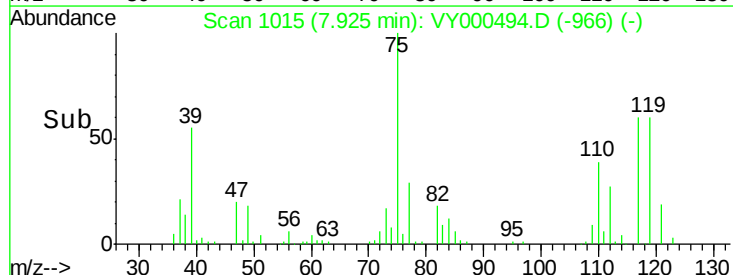
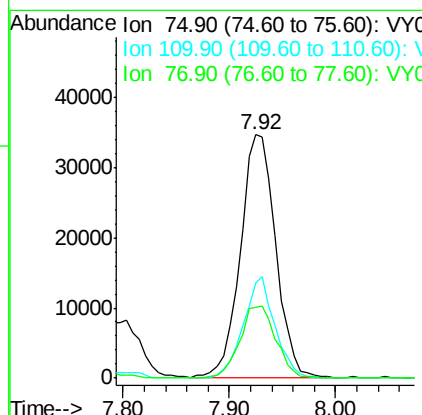
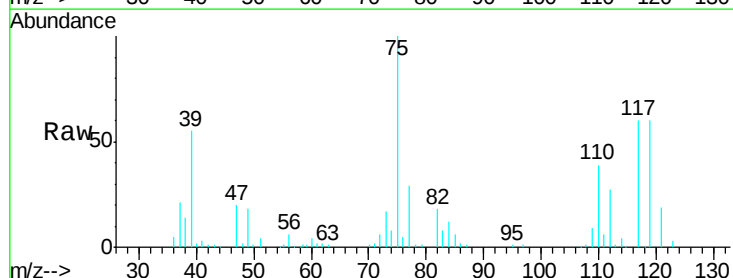
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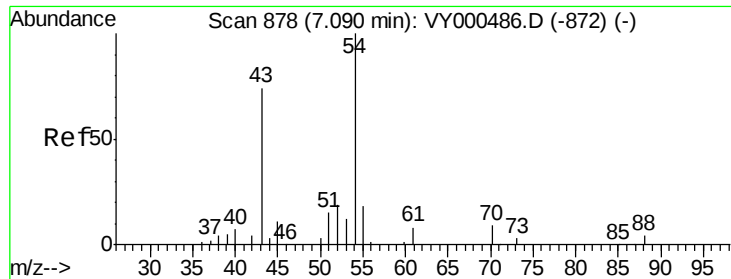
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#36
1,1-Dichloropropene
Concen: 20.756 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81041		
110	37.2	18.1	54.1	
77	30.2	25.0	37.6	





#37

Ethyl Acetate

Concen: 19.773 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

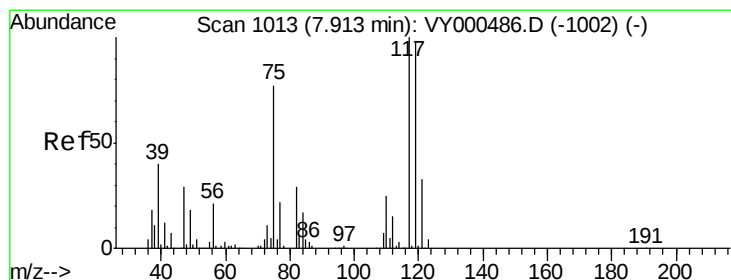
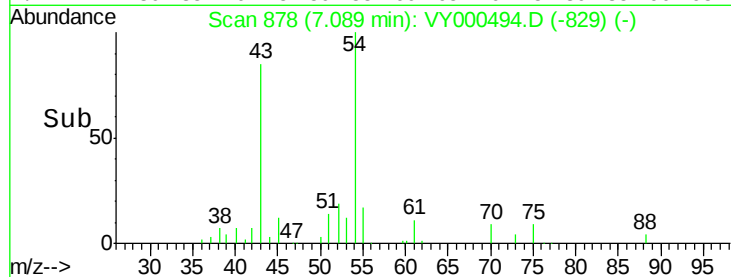
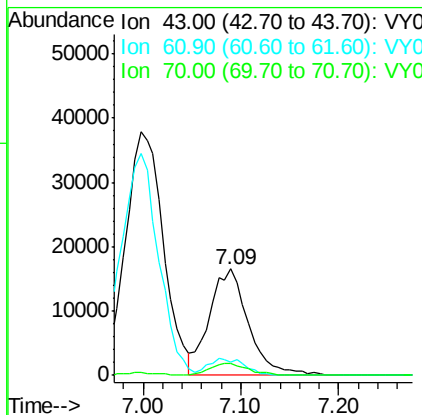
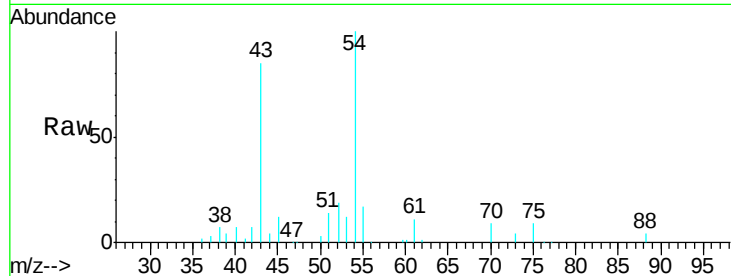
ClientSampleId :

VY1030SBS01

Tgt Ion:	43	Resp:	45835
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.2	15.2
70	11.0	7.8	11.8

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#38

Carbon Tetrachloride

Concen: 21.089 ug/l

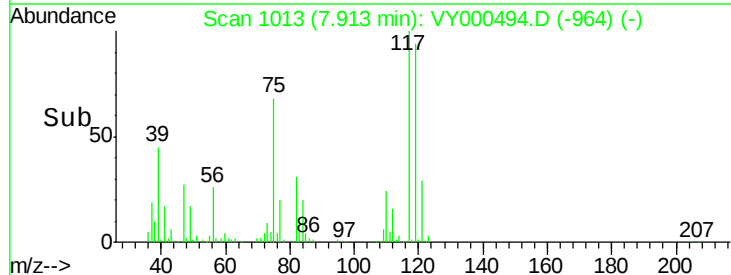
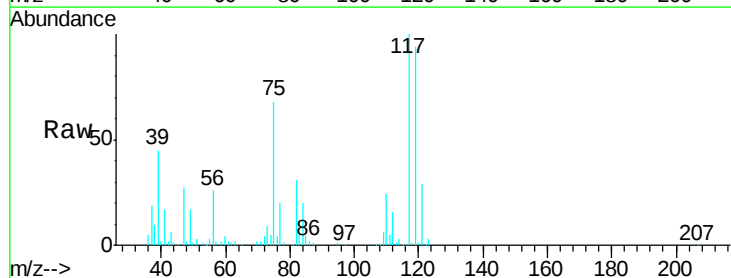
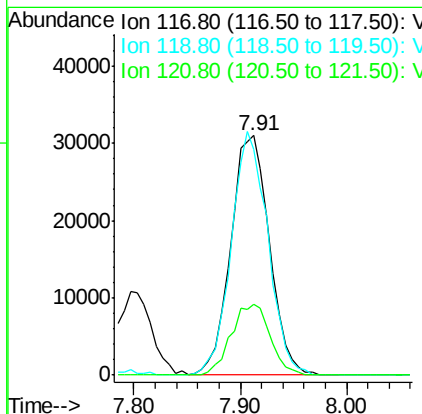
RT: 7.91 min Scan# 1013

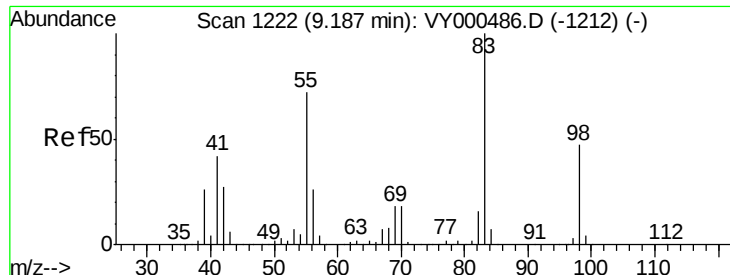
Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	117	Resp:	79233
Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.0	117.0
121	29.3	26.6	40.0





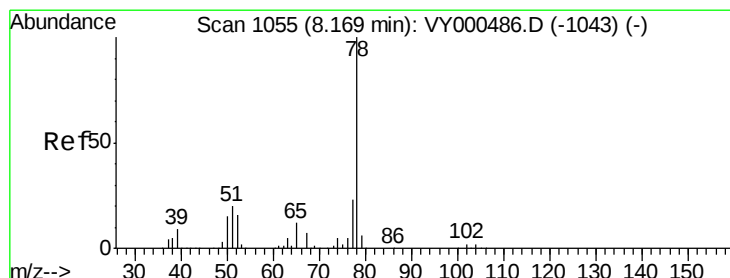
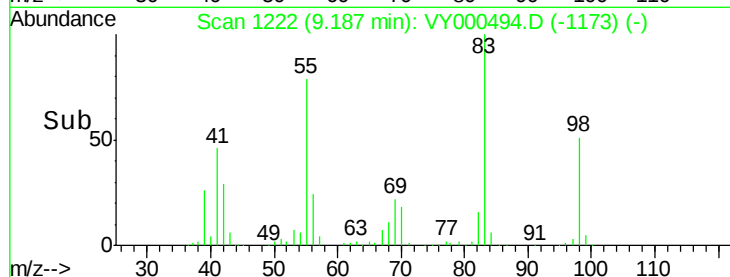
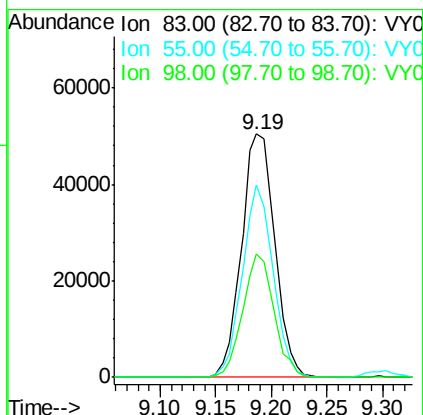
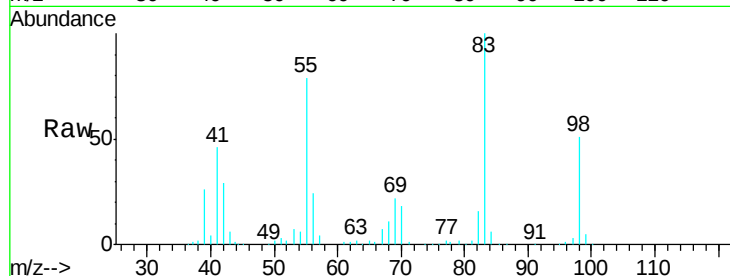
#39
Methylcyclohexane
Concen: 20.907 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	57.5	86.3
98	50.8	38.0	57.0

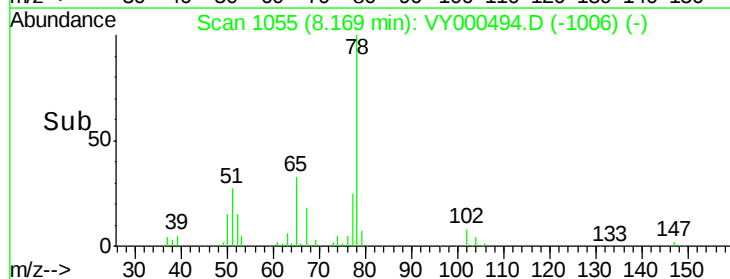
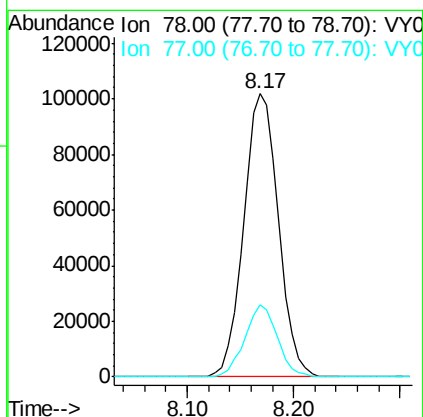
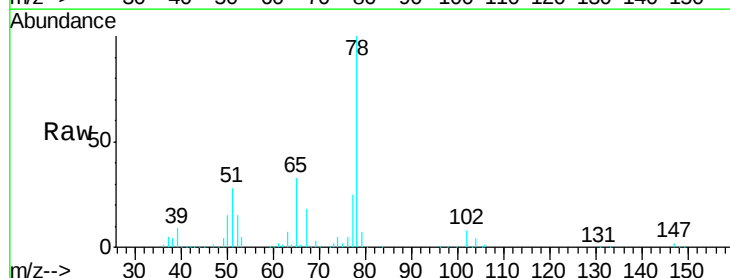
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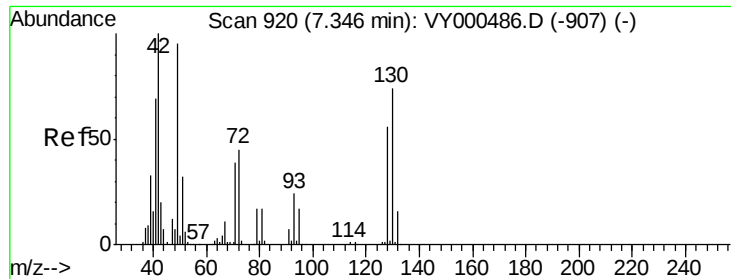
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#40
Benzene
Concen: 20.320 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.6	28.0





#41

Methacrylonitrile

Concen: 21.742 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 41 Resp: 28117
Ion Ratio Lower Upper

41 100

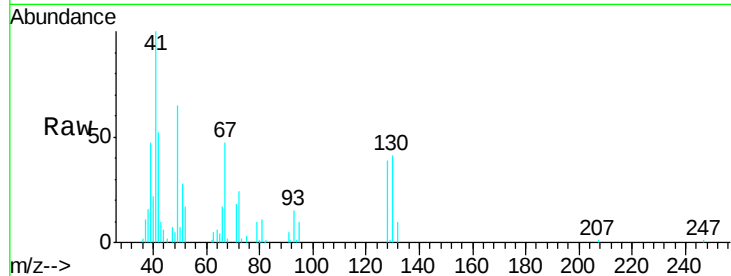
39 105.2 68.2 102.4#

67 0.0 0.0 0.0

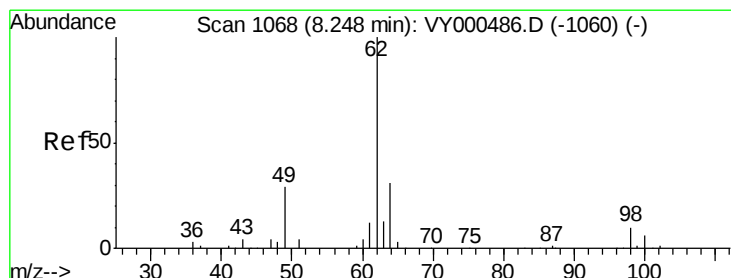
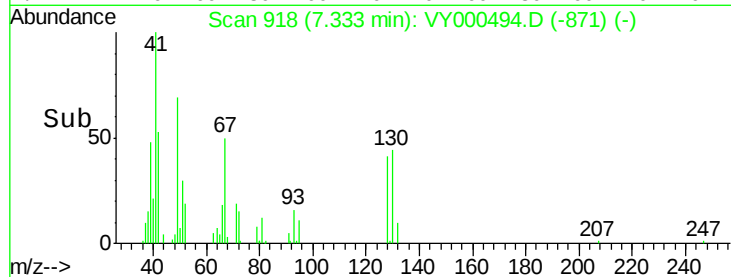
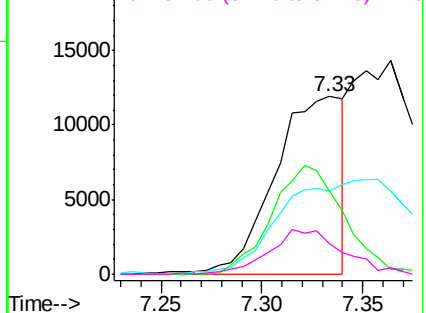
52 0.0 0.0 0.0

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



#42

1,2-Dichloroethane

Concen: 20.773 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

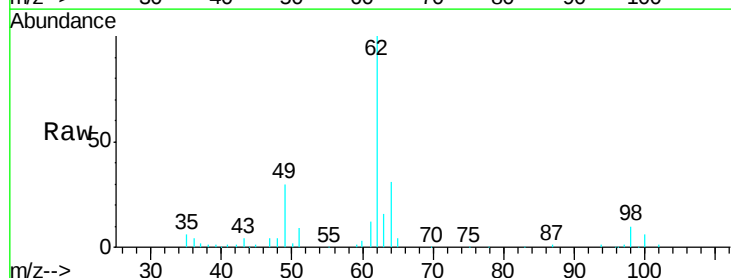
Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

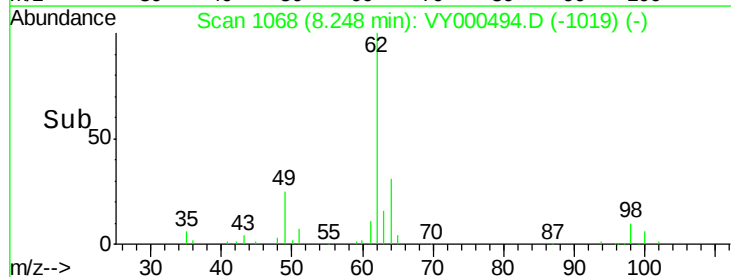
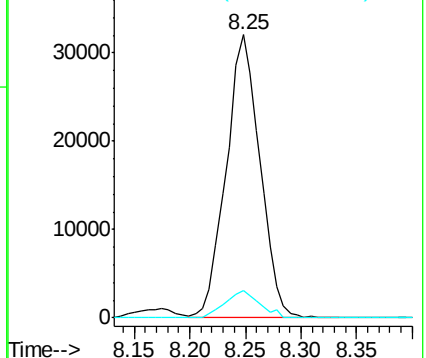
Tgt Ion: 62 Resp: 67442
Ion Ratio Lower Upper

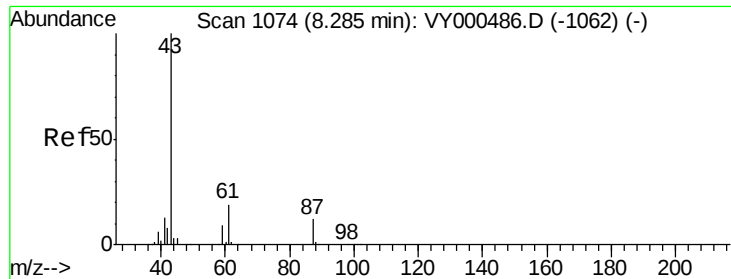
62 100

98 9.9 0.0 19.2



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





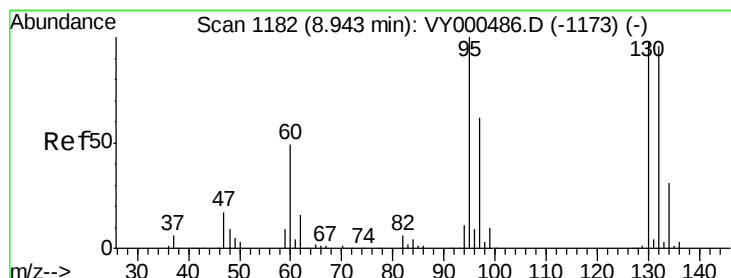
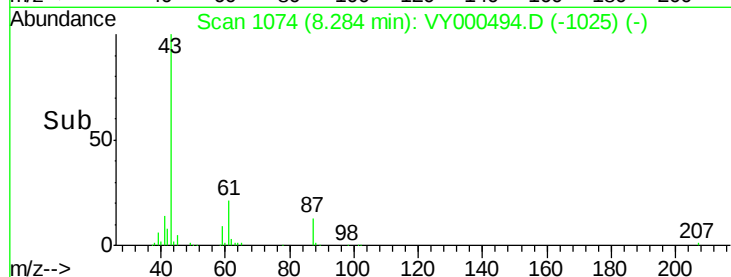
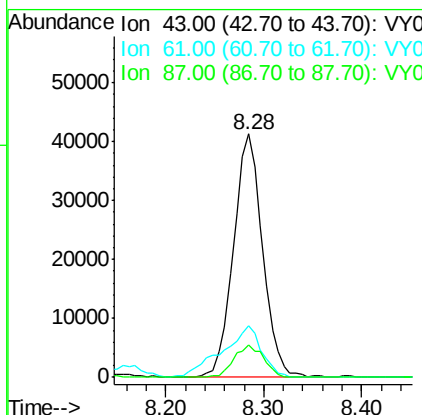
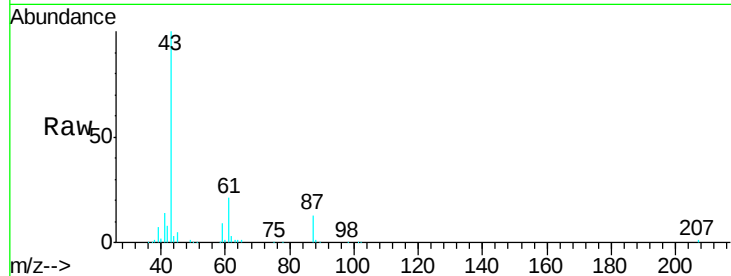
#43
Isopropyl Acetate
Concen: 19.606 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.0	34.4
87	13.6	10.5	15.7

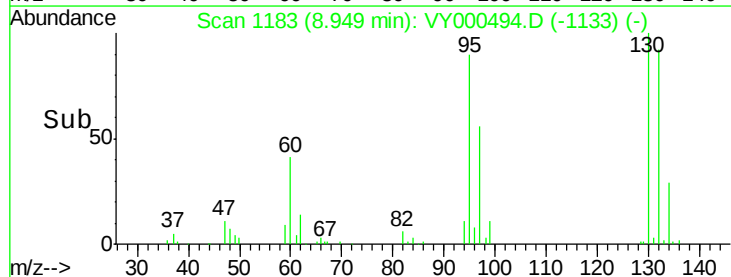
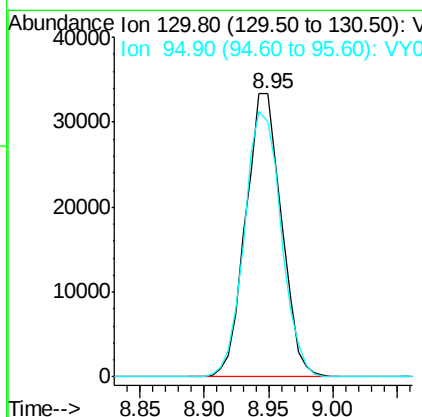
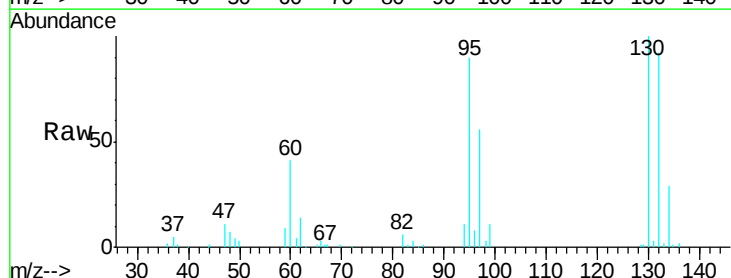
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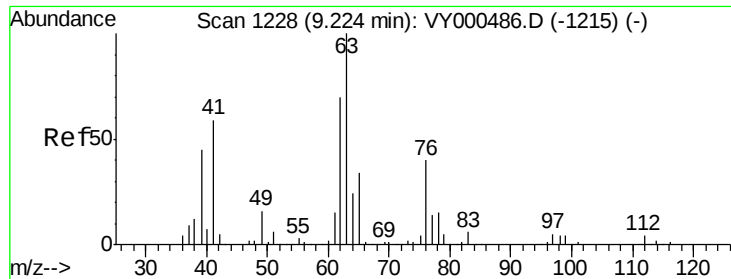
MMDadoda
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#44
Trichloroethene
Concen: 21.229 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	203.2





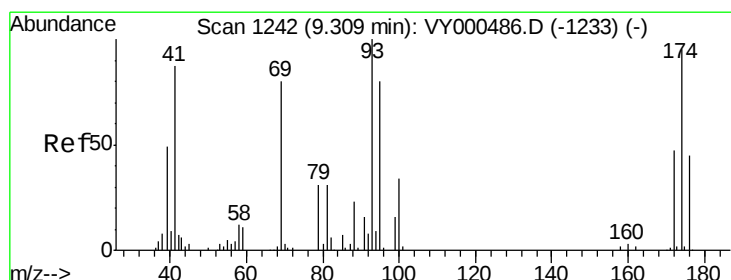
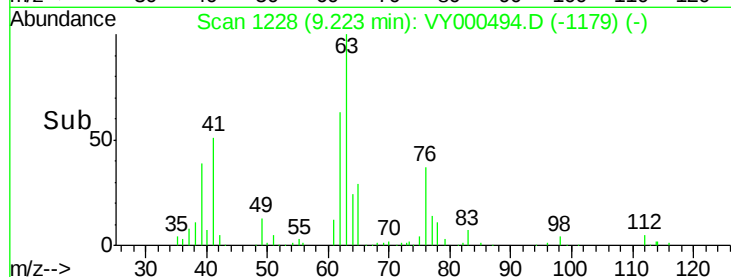
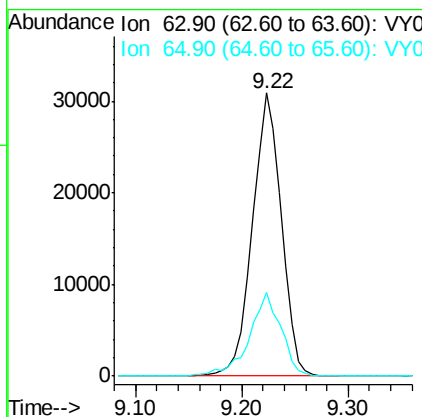
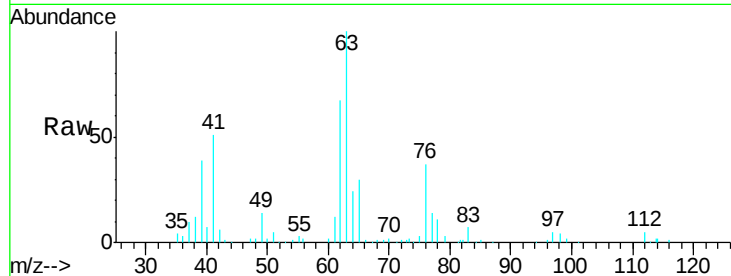
#45
 1,2-Dichloropropane
 Concen: 20.956 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 63 Resp: 59041
 Ion Ratio Lower Upper
 63 100
 65 29.6 27.0 40.4

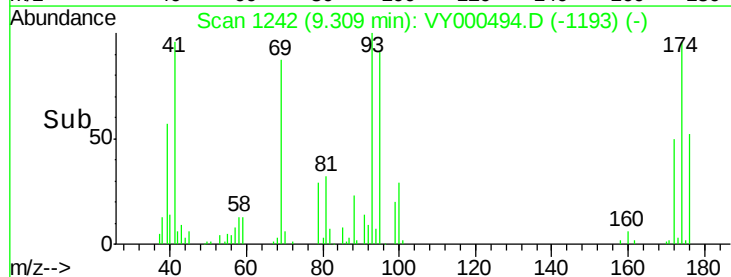
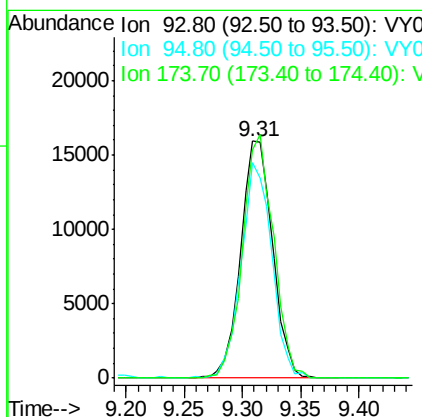
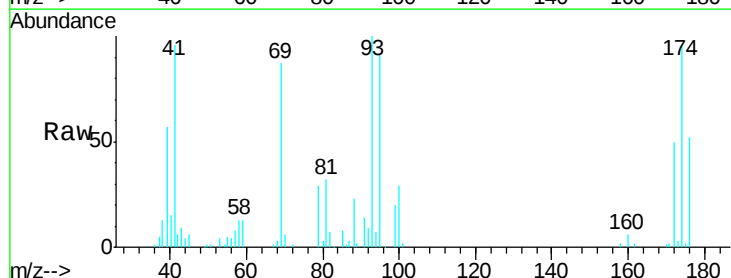
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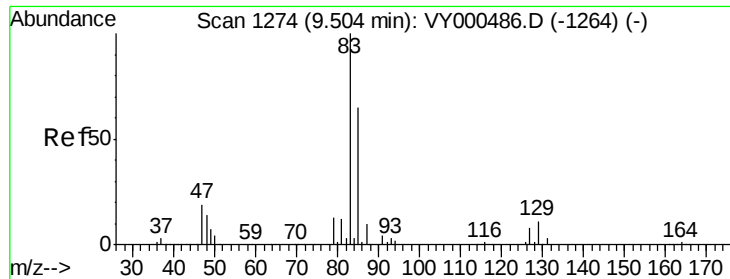
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#46
 Dibromomethane
 Concen: 19.786 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 93 Resp: 30657
 Ion Ratio Lower Upper
 93 100
 95 87.2 66.4 99.6
 174 99.3 77.1 115.7





#47

Bromodichloromethane

Concen: 20.204 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

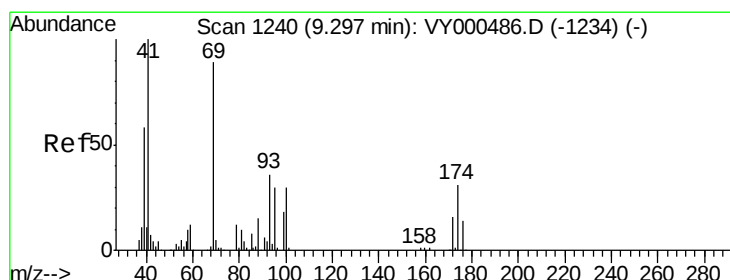
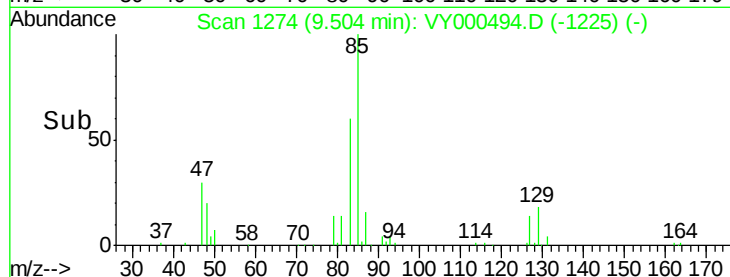
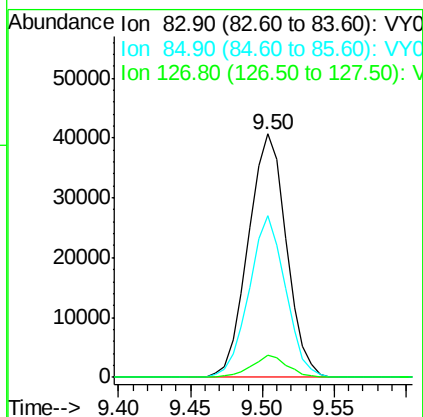
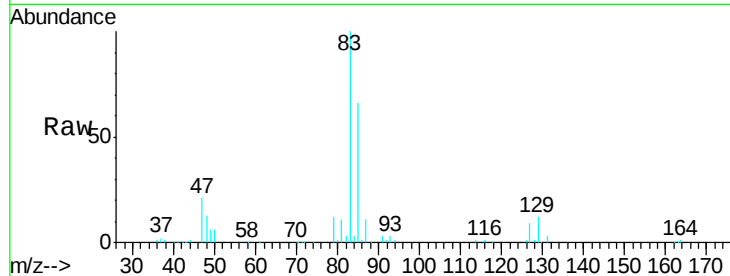
ClientSampleId :

VY1030SBS01

Tgt Ion:	83	Resp:	74279
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.8
127	9.0	6.7	10.1

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#48

Methyl methacrylate

Concen: 19.206 ug/l

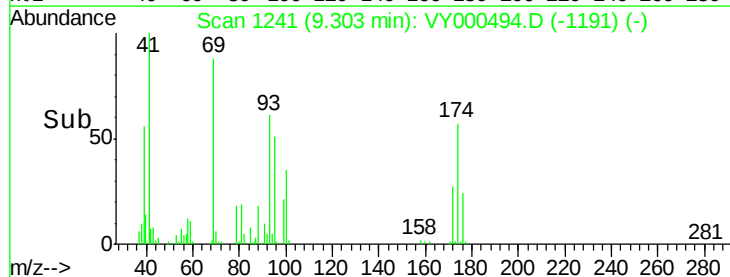
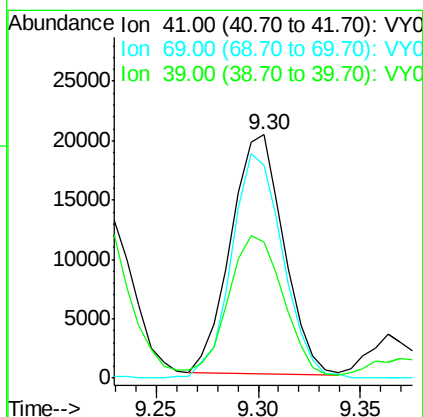
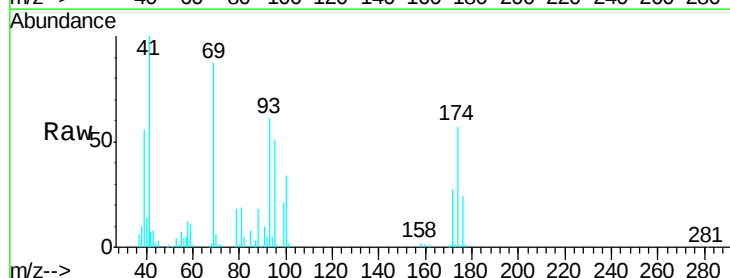
RT: 9.30 min Scan# 1241

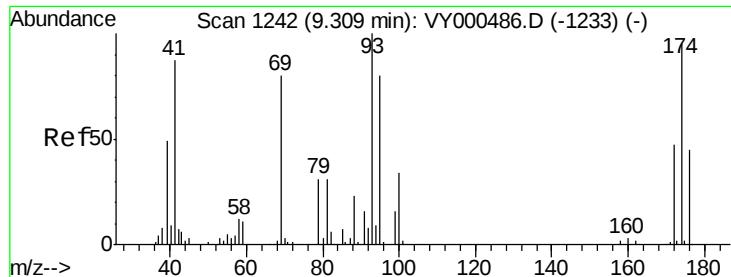
Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	41	Resp:	36541
Ion	Ratio	Lower	Upper
41	100		
69	90.6	72.5	108.7
39	58.7	47.8	71.8





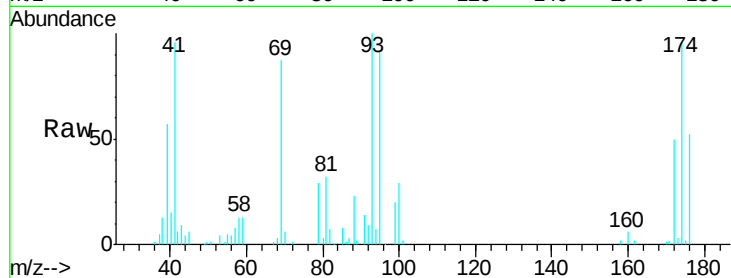
#49
 1,4-Dioxane
 Concen: 412.794 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

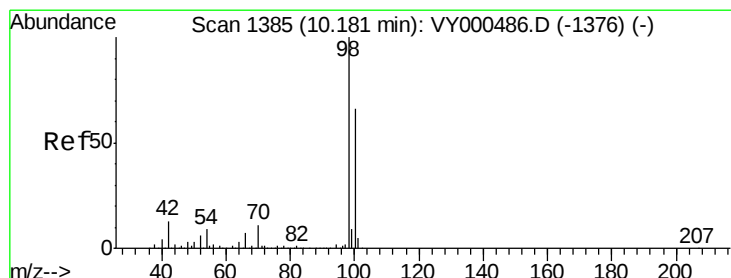
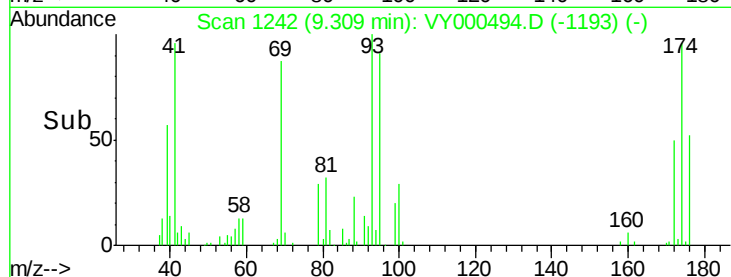
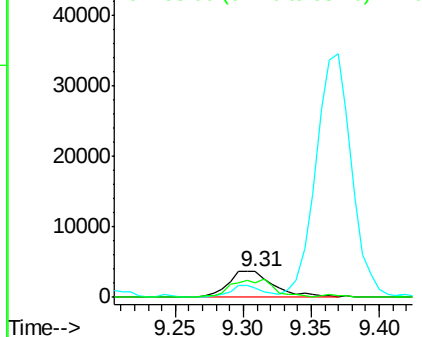
Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.1	37.7
58	66.8	50.6	75.8

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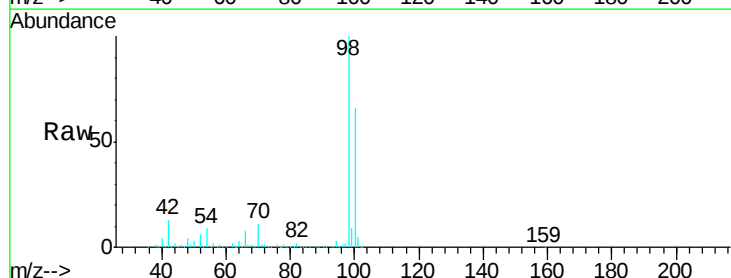


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

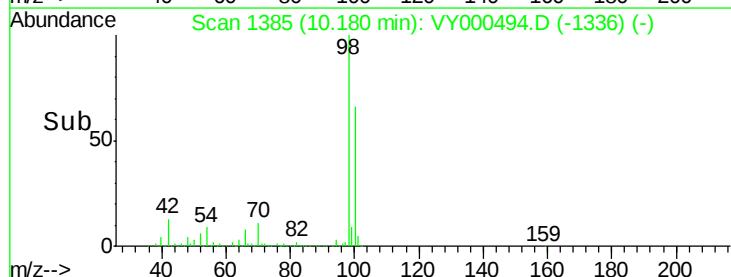
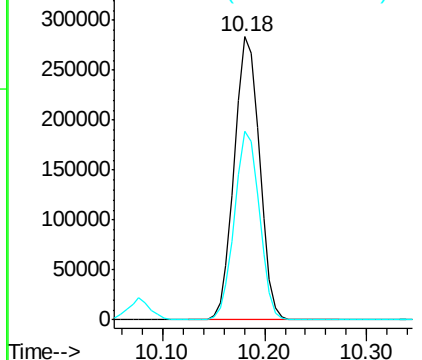


#50
 Toluene-d8
 Concen: 52.691 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





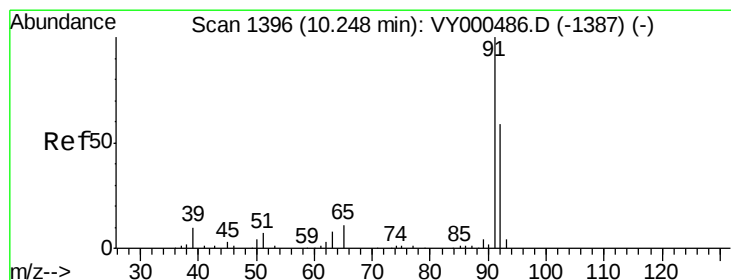
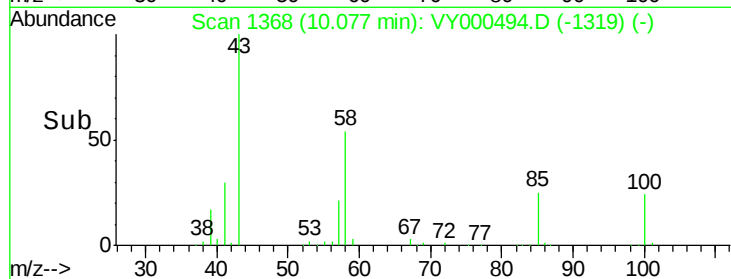
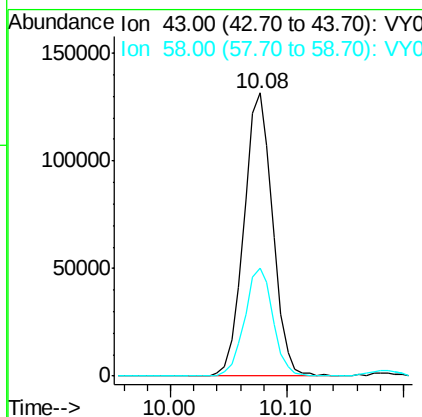
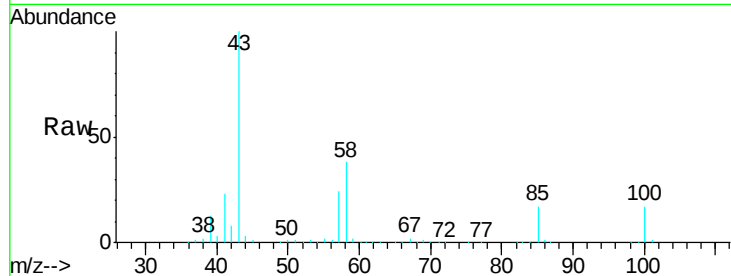
#51
4-Methyl-2-Pentanone
Concen: 97.787 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 43 Resp: 226399
Ion Ratio Lower Upper
43 100
58 37.7 30.2 45.4

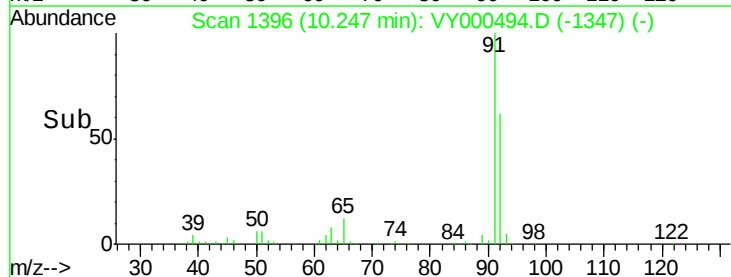
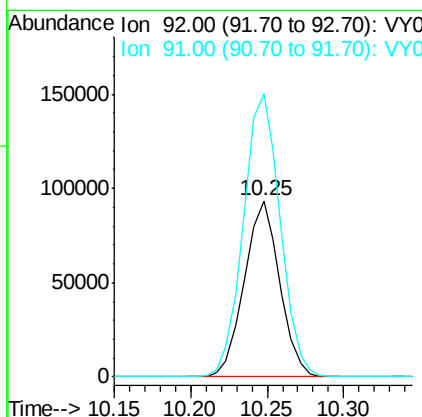
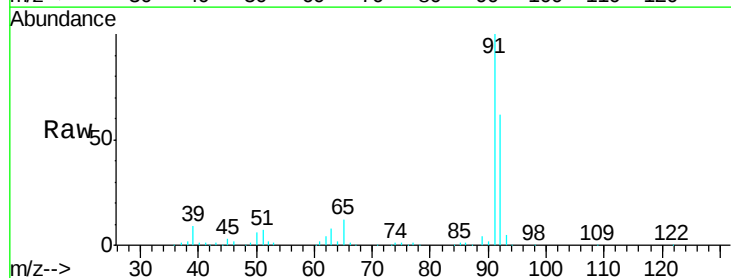
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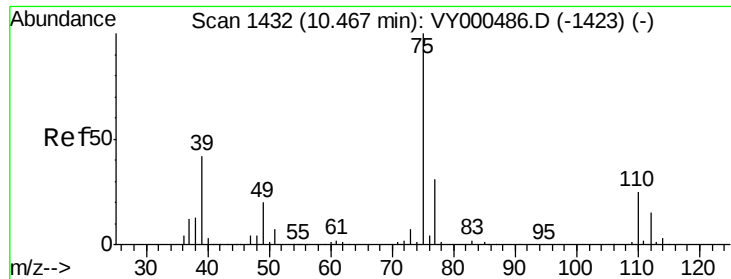
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#52
Toluene
Concen: 20.707 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 92 Resp: 149858
Ion Ratio Lower Upper
92 100
91 167.8 136.3 204.5





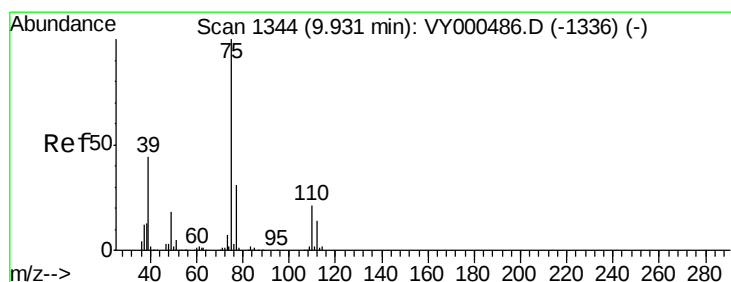
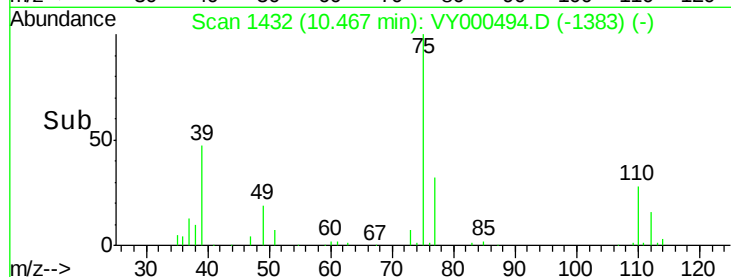
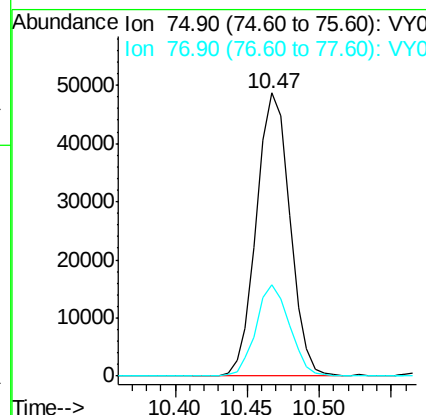
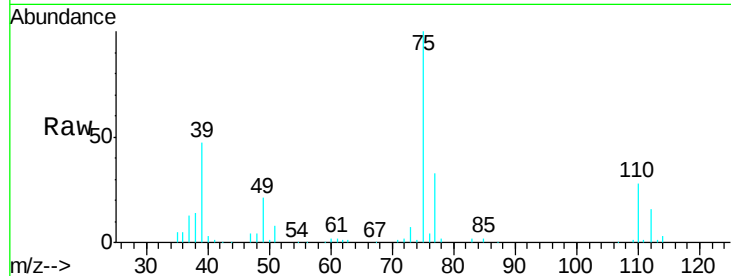
#53
t-1,3-Dichloropropene
Concen: 19.889 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 75 Resp: 78131
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0

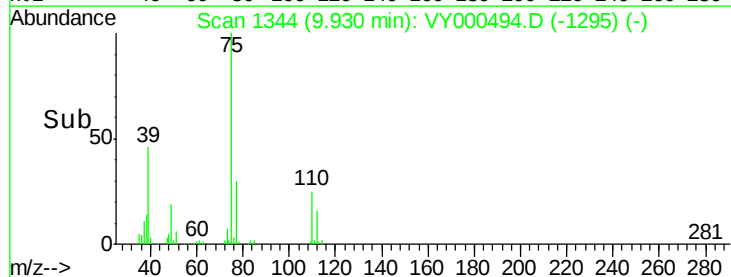
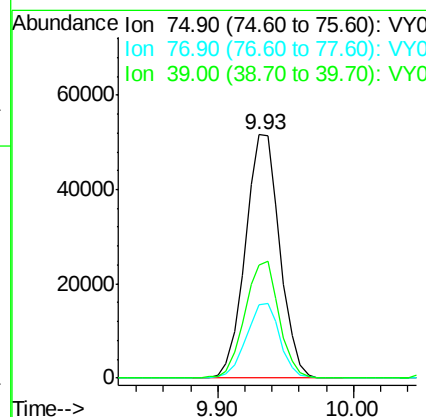
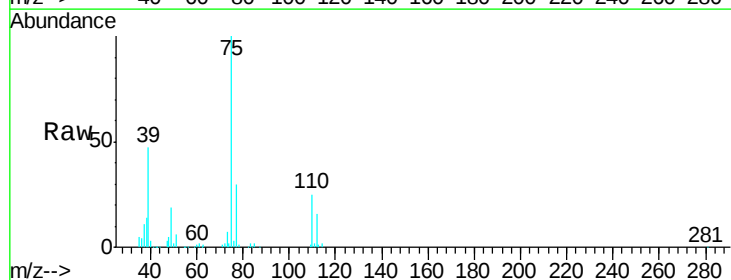
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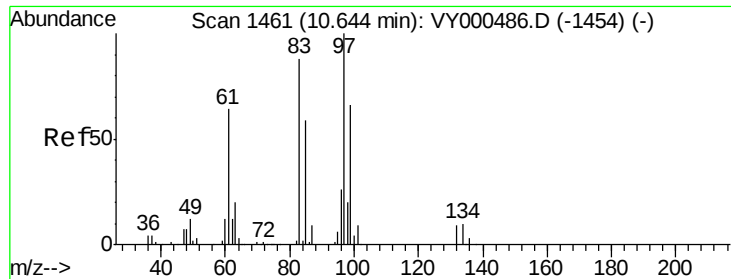
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#54
cis-1,3-Dichloropropene
Concen: 20.261 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 75 Resp: 91178
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7
39 46.6 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 19.581 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

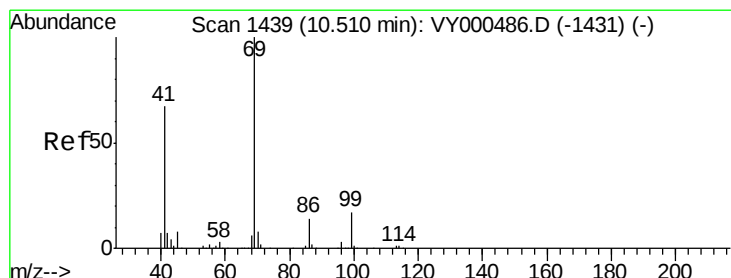
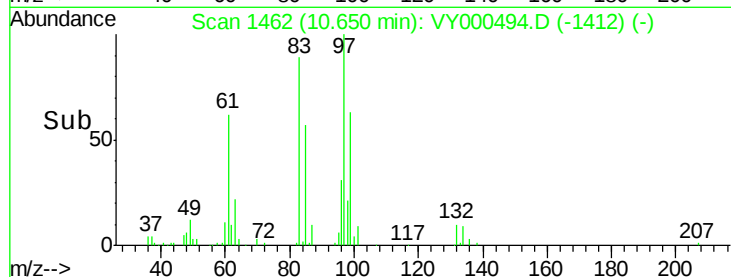
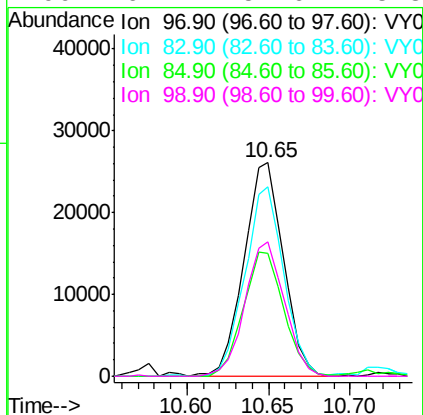
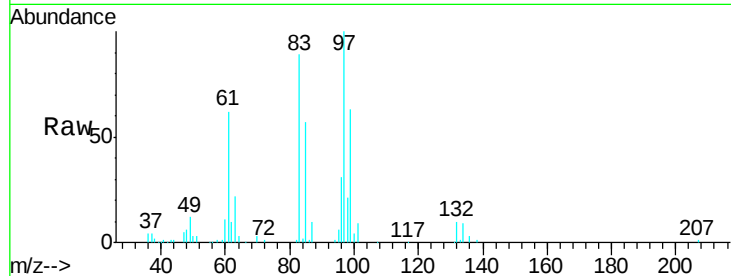
ClientSampleId :

VY1030SBS01

Tgt Ion:	97	Resp:	43882
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.2	105.4
85	57.3	46.9	70.3
99	62.7	52.6	78.8

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#56

Ethyl methacrylate

Concen: 19.611 ug/l

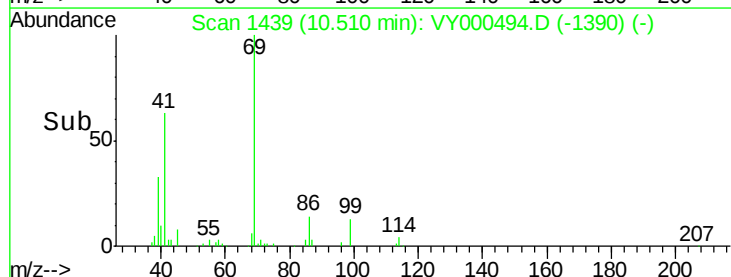
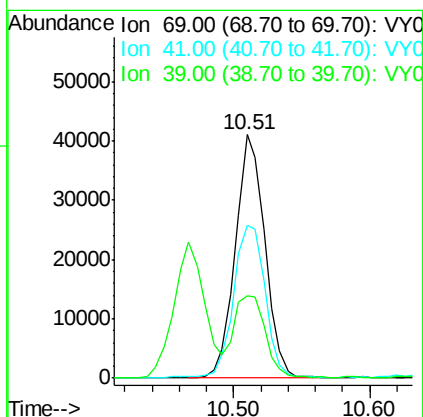
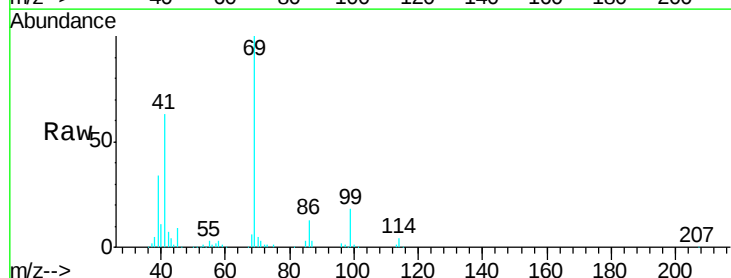
RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	69	Resp:	62292
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.3	79.9
39	35.7	28.0	42.0





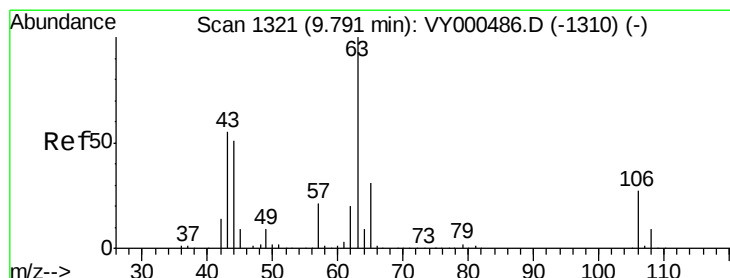
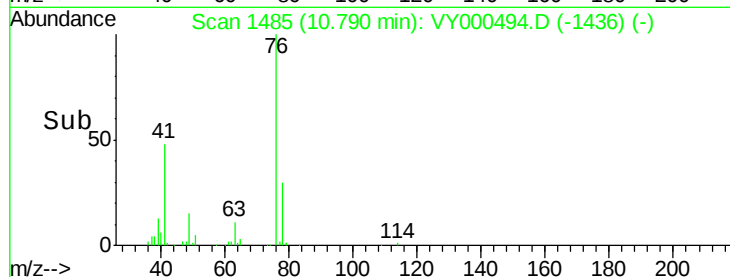
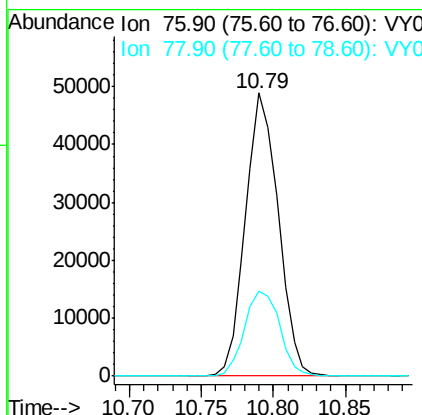
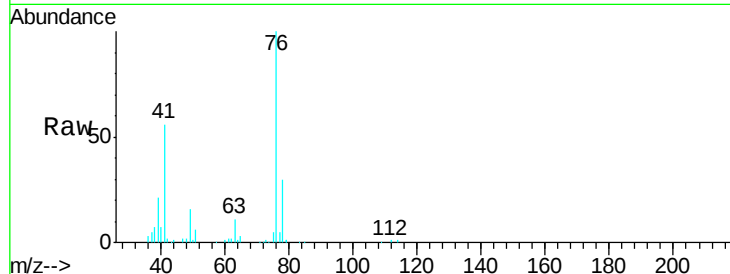
#57
 1,3-Dichloropropane
 Concen: 19.702 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 76 Resp: 77277
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8

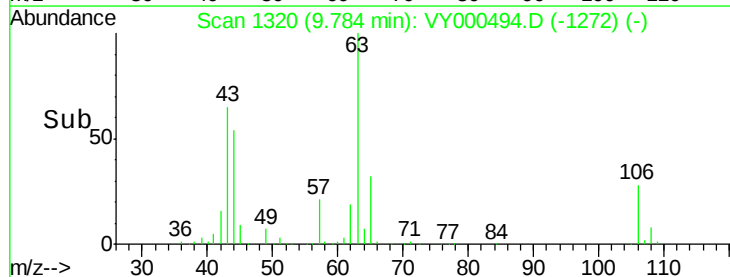
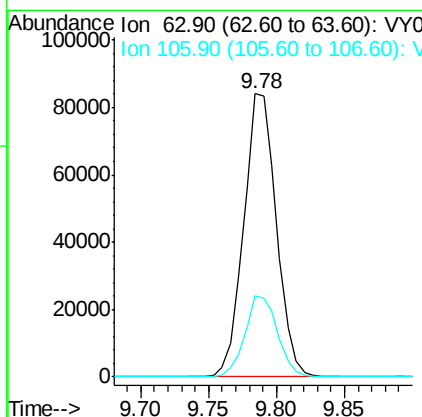
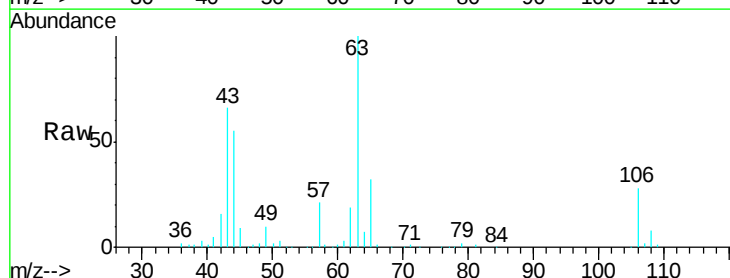
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.326 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 63 Resp: 141195
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 33.8





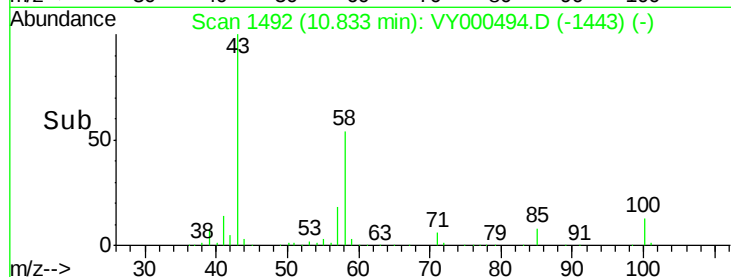
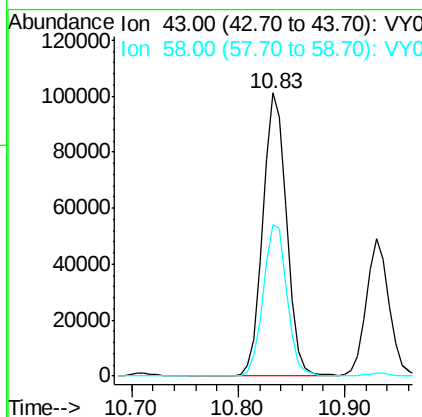
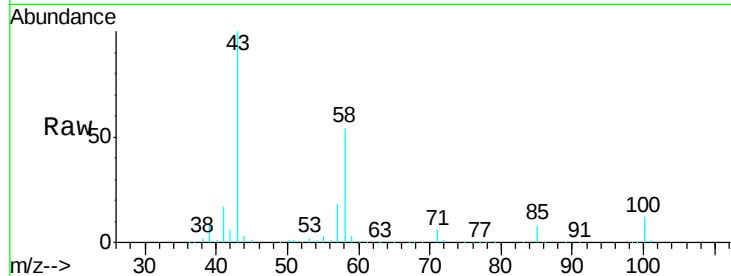
#59
2-Hexanone
Concen: 94.072 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 43 Resp: 158687
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3

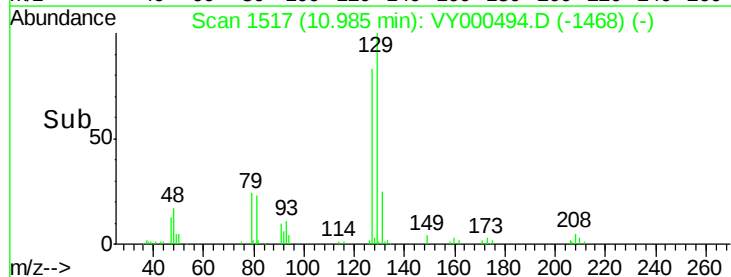
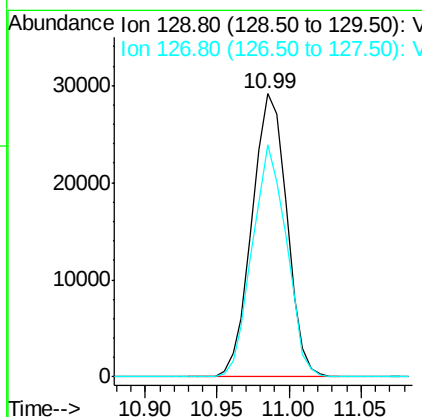
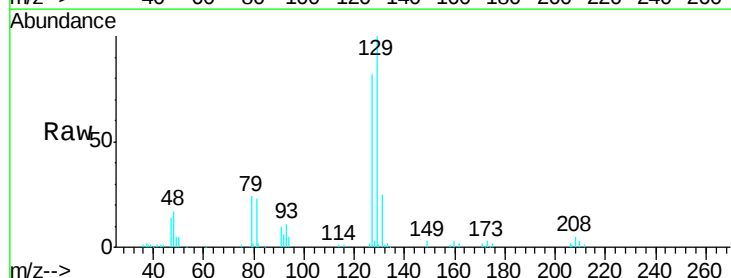
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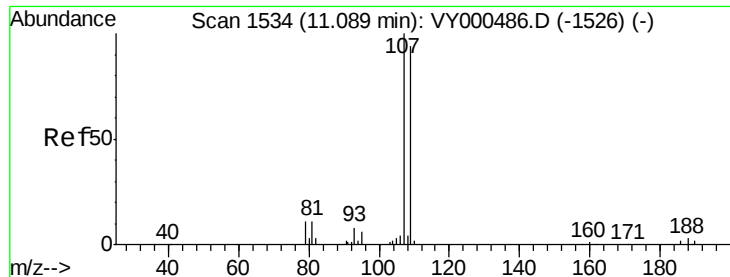
MMDadoda
10/31/2019 11:31:53 AM



#60
Dibromochloromethane
Concen: 19.054 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 129 Resp: 48912
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.2





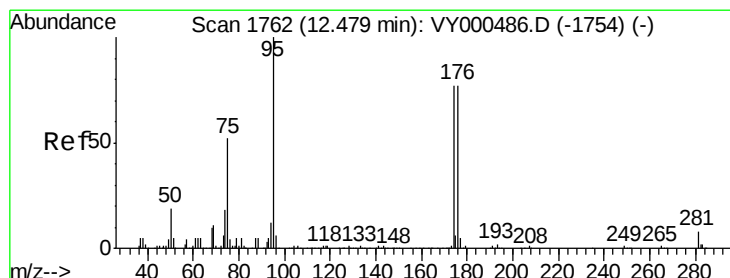
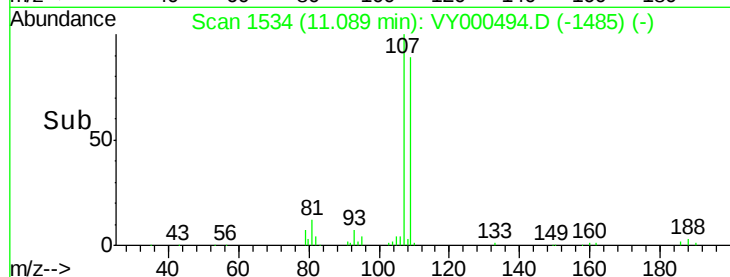
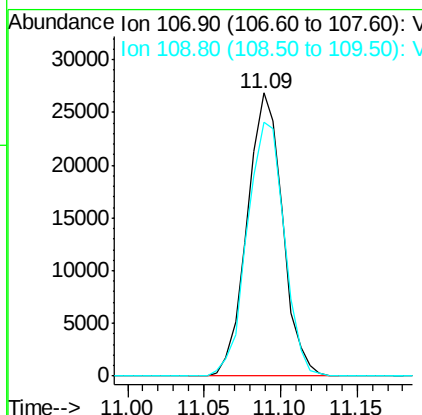
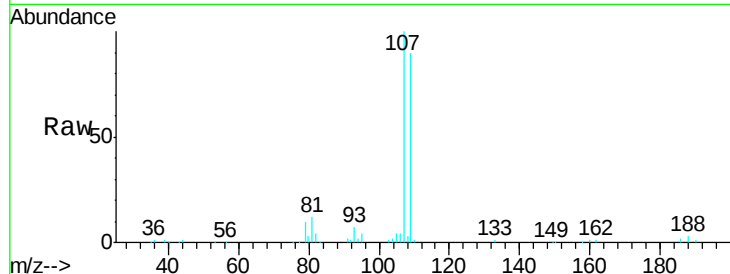
#61
 1,2-Dibromoethane
 Concen: 20.082 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 107 Resp: 43272
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.6 110.4

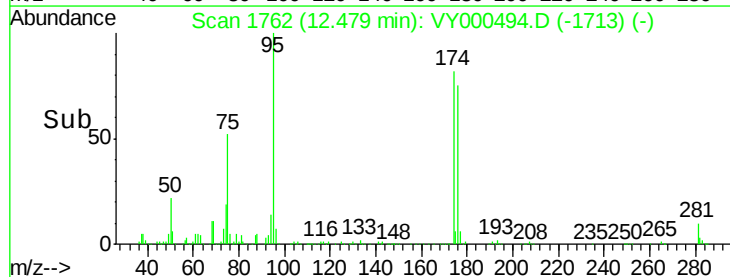
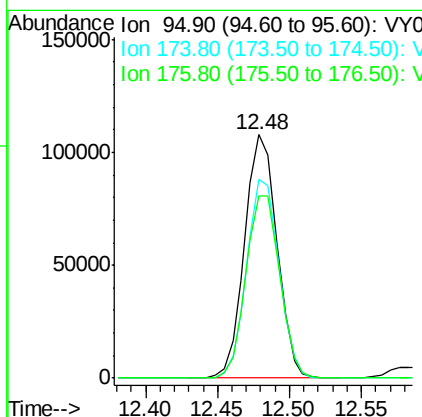
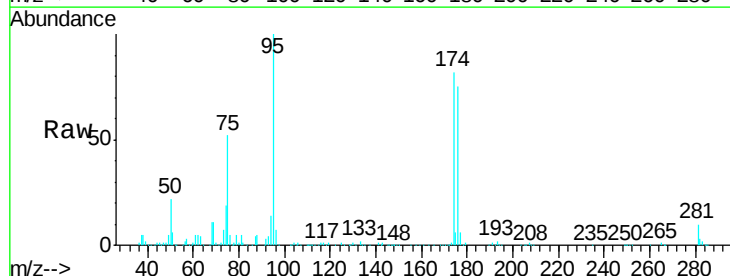
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 10/31/2019 11:31:53 AM



#62
 4-Bromofluorobenzene
 Concen: 47.740 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 95 Resp: 167211
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 161.6
 176 78.3 0.0 157.8





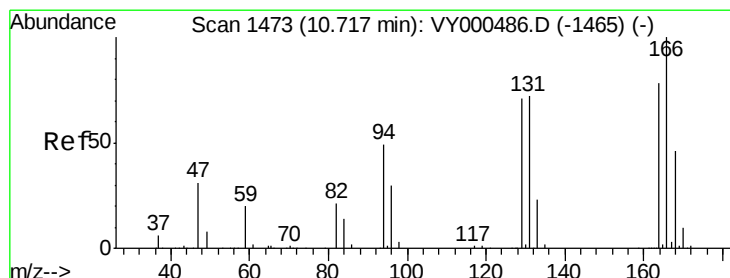
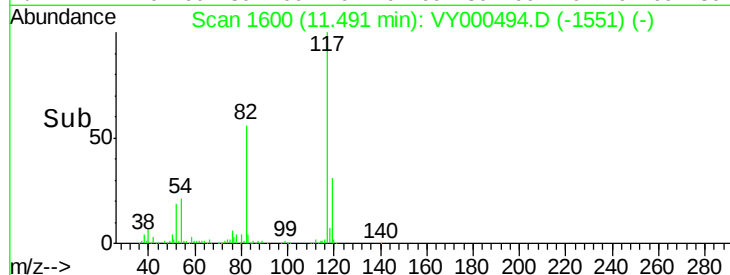
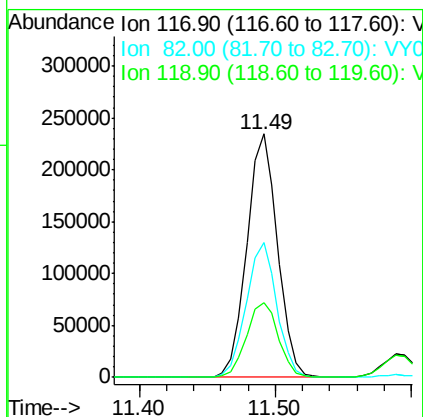
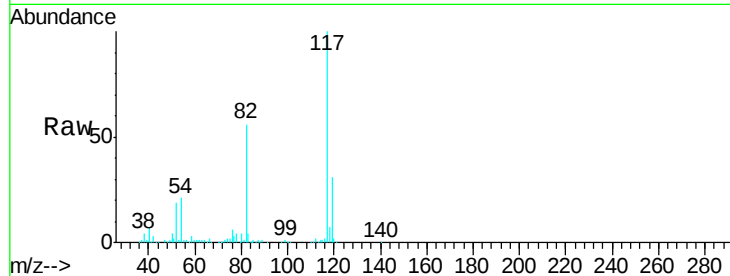
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	370270		
82	55.6	40.8	61.2	
119	30.6	26.2	39.2	

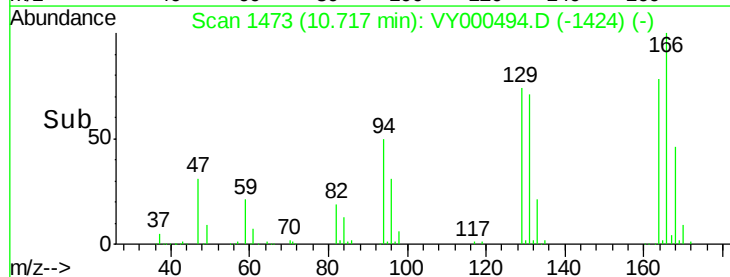
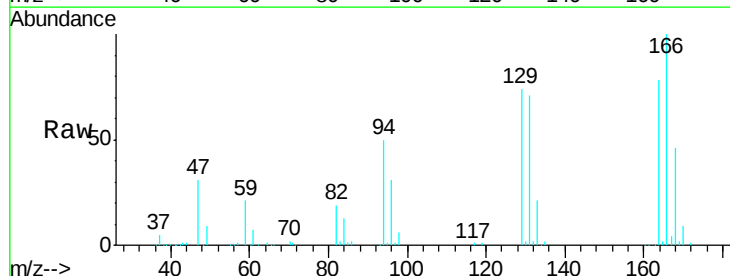
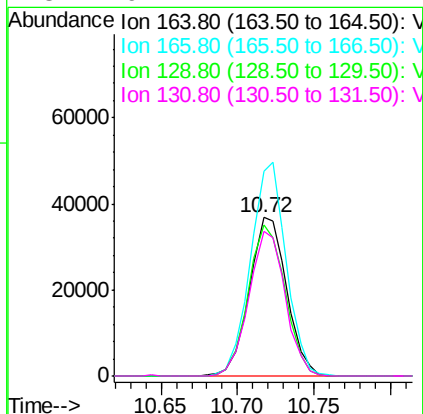
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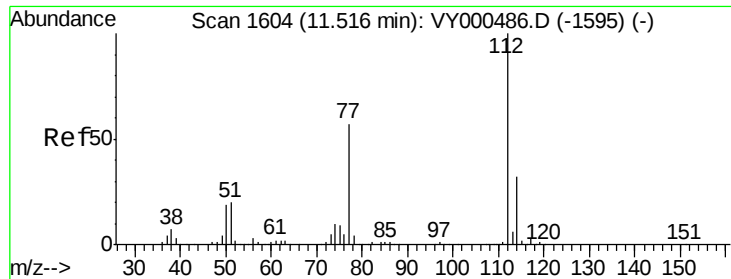
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#64
Tetrachloroethene
Concen: 20.418 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62514		
166	129.0	102.7	154.1	
129	95.7	73.2	109.8	
131	91.1	74.2	111.2	





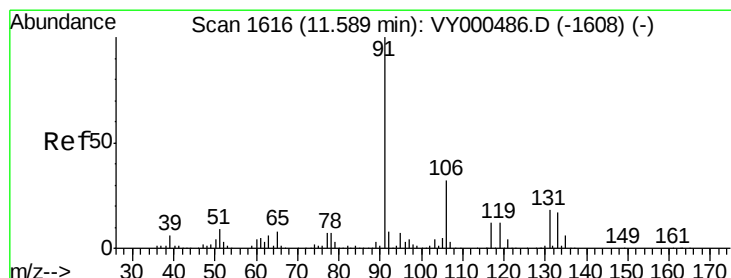
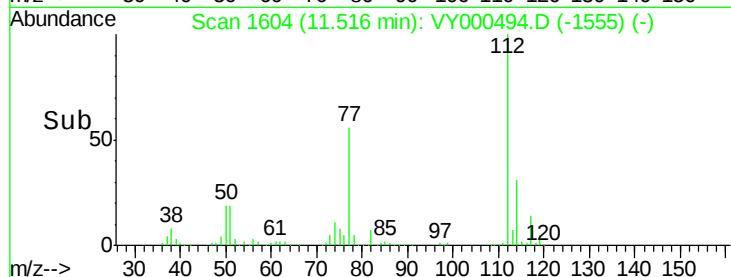
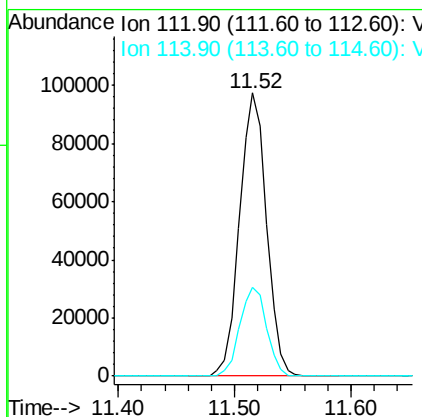
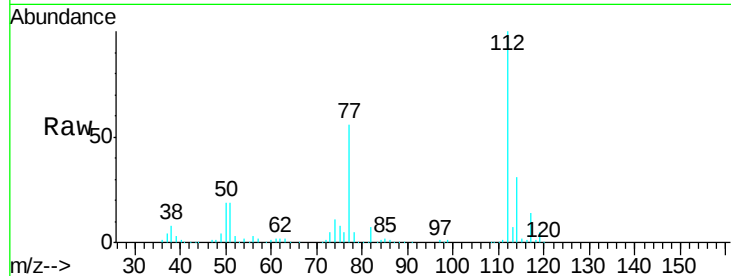
#65
Chlorobenzene
Concen: 20.968 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:112 Resp: 157407
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

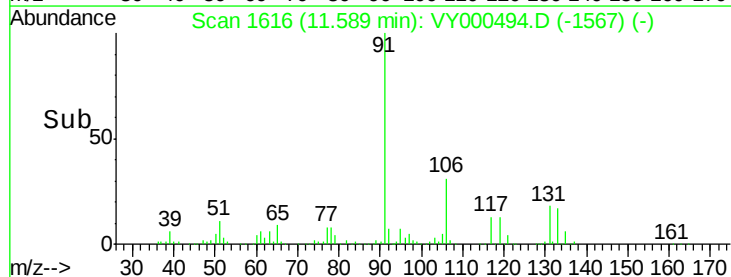
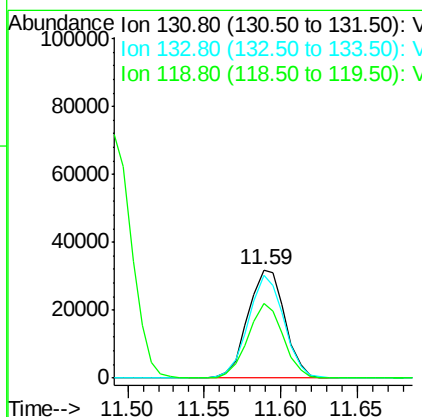
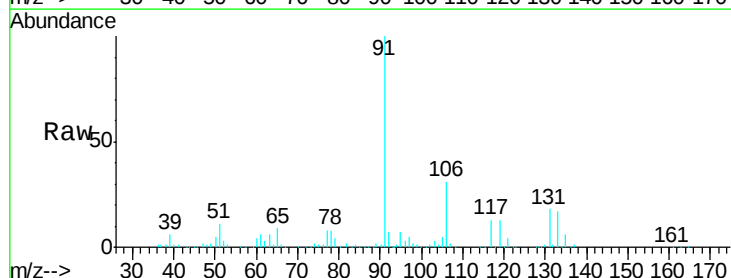
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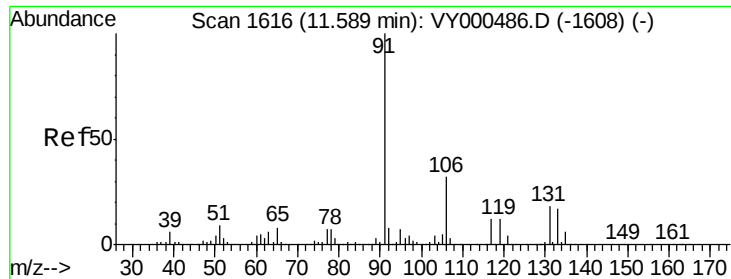
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.577 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:131 Resp: 53575
Ion Ratio Lower Upper
131 100
133 91.9 47.9 143.8
119 65.7 33.1 99.3





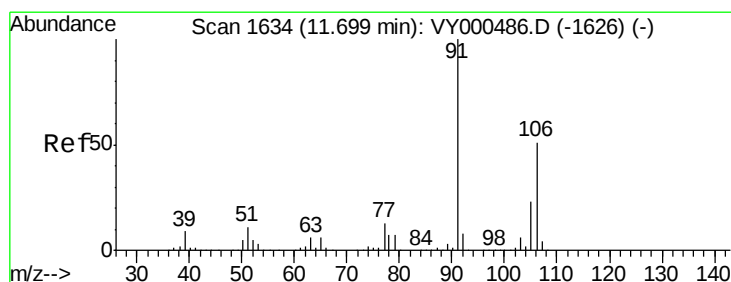
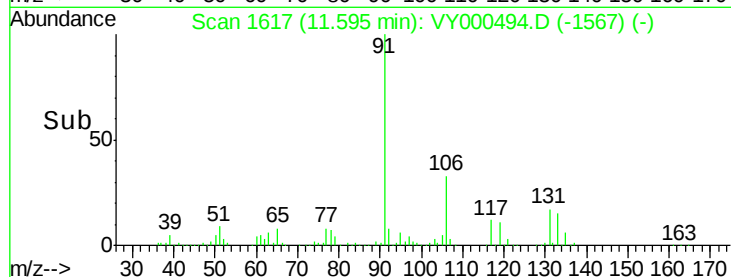
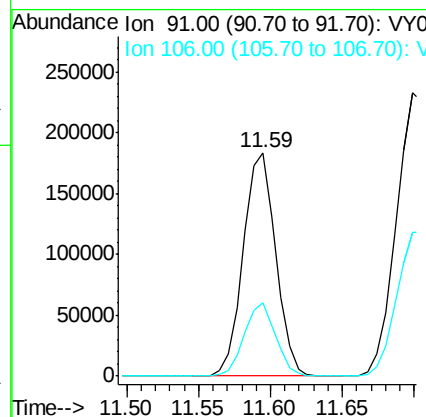
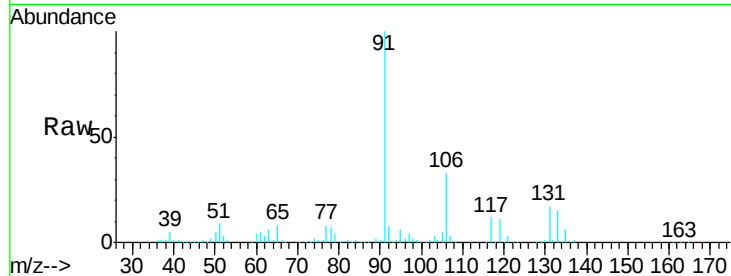
#67
Ethyl Benzene
Concen: 20.715 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 91 Resp: 286212
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0

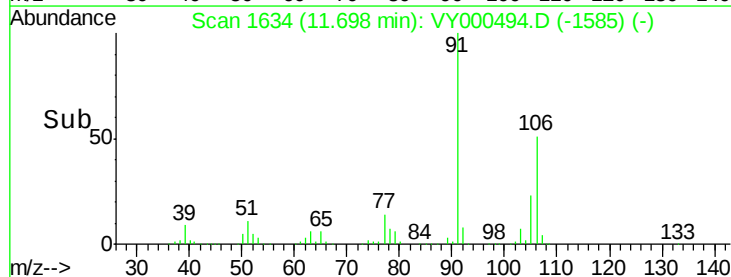
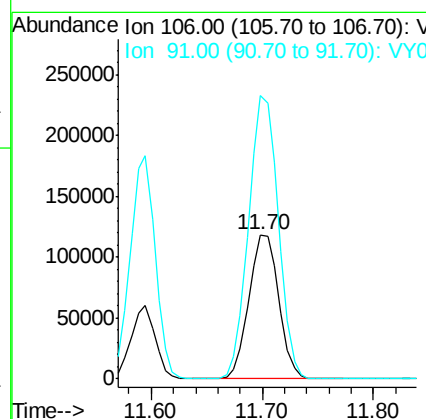
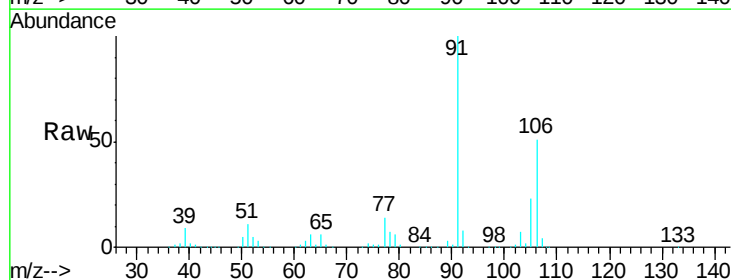
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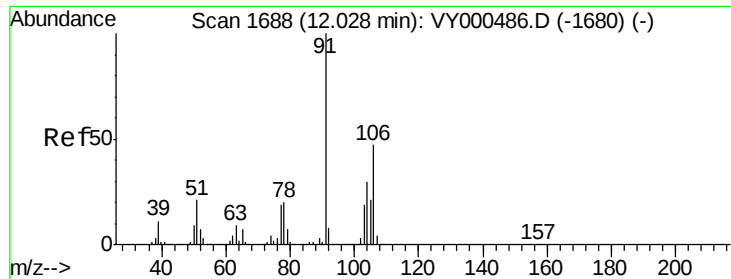
MMDadoda
10/31/2019 11:31:53 AM



#68
m/p-Xylenes
Concen: 41.278 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 106 Resp: 220733
Ion Ratio Lower Upper
106 100
91 196.1 155.9 233.9





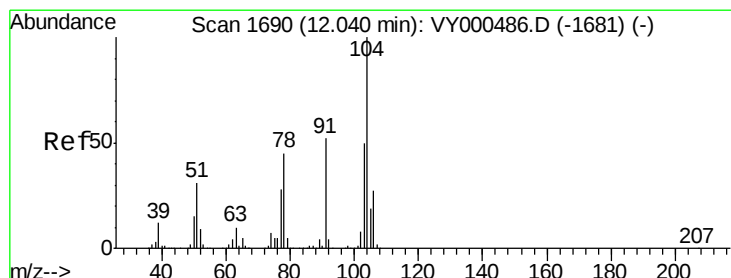
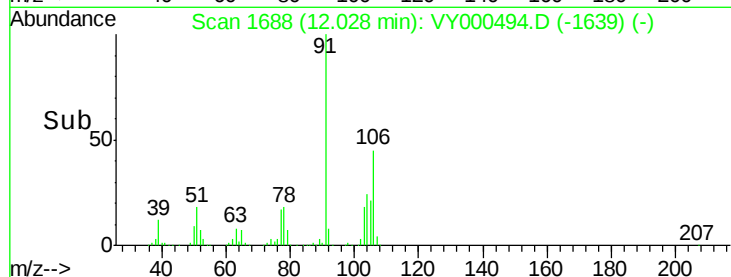
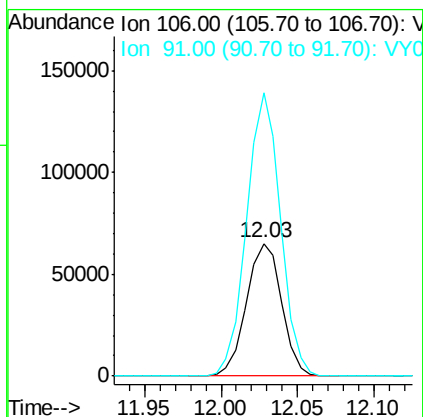
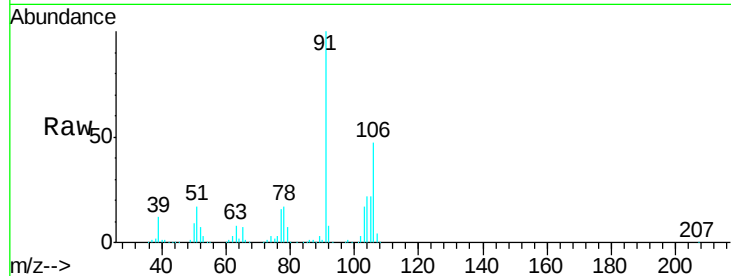
#69
o-Xylene
Concen: 20.650 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:106 Resp: 103780
Ion Ratio Lower Upper
106 100
91 206.2 106.5 319.6

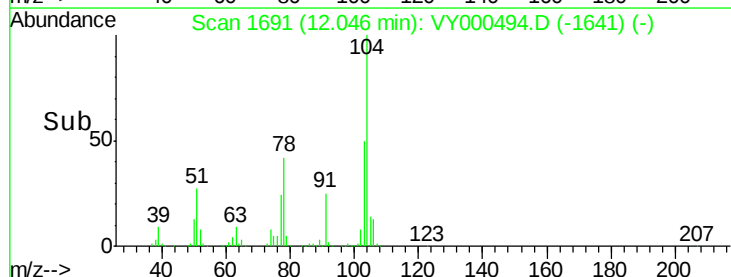
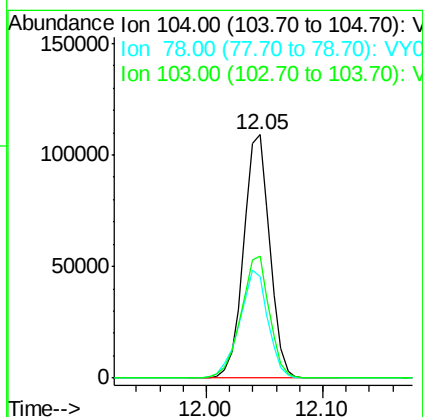
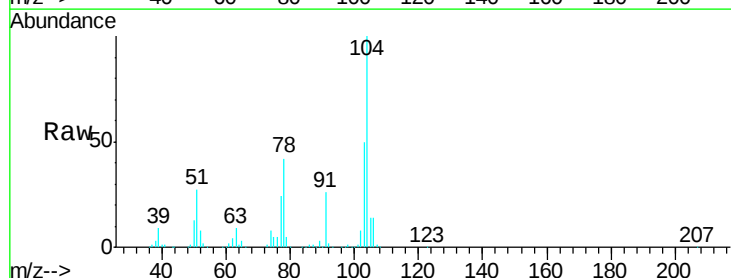
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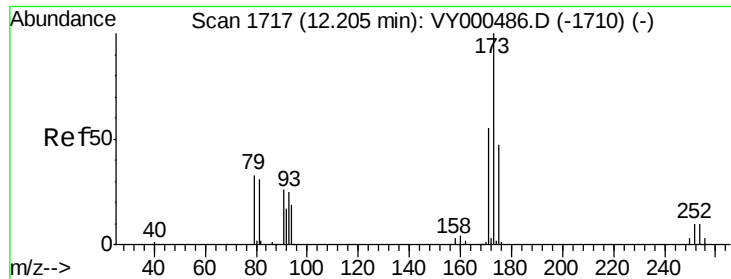
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#70
Styrene
Concen: 19.845 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:104 Resp: 170781
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 54.4 42.5 63.7





#71

Bromoform

Concen: 19.173 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion:173 Resp: 28711

Ion Ratio Lower Upper

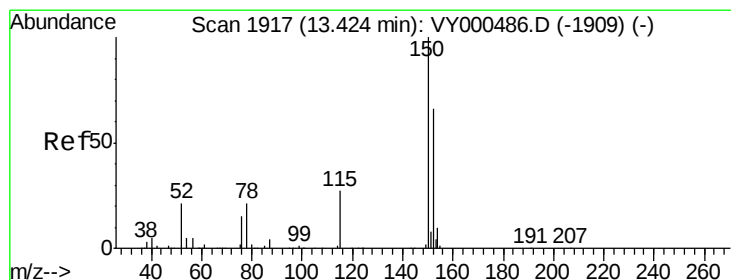
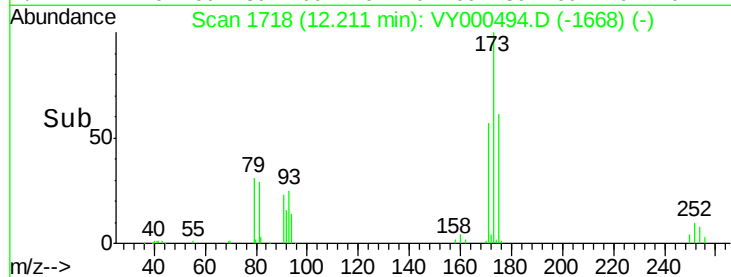
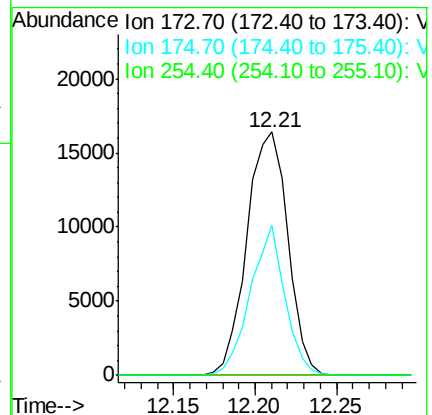
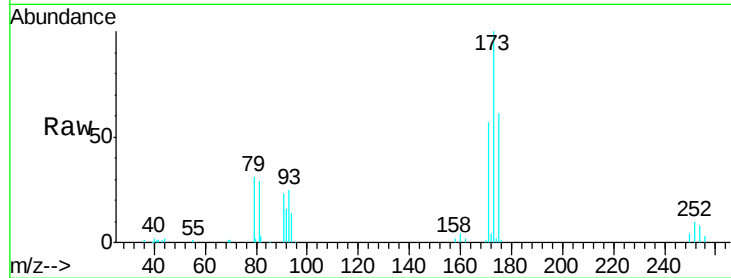
173 100

175 52.2 24.4 73.2

254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

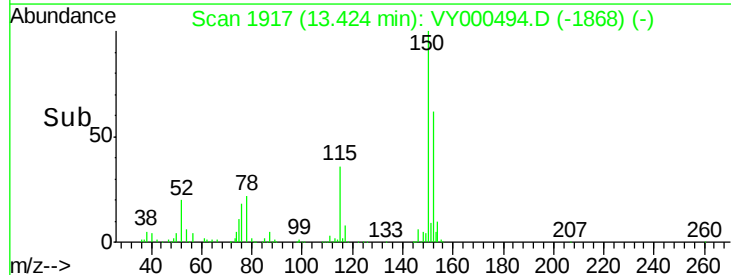
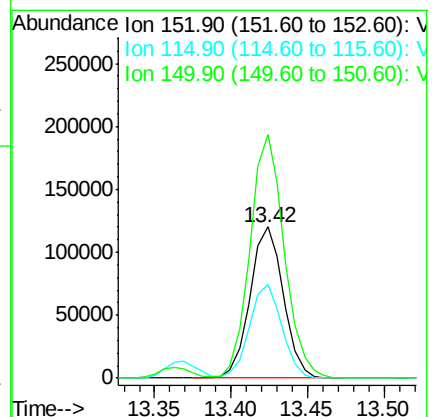
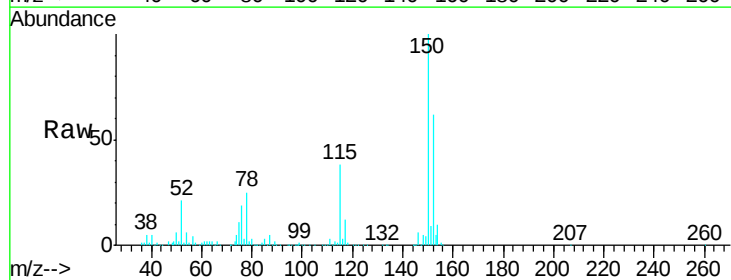
Tgt Ion:152 Resp: 180918

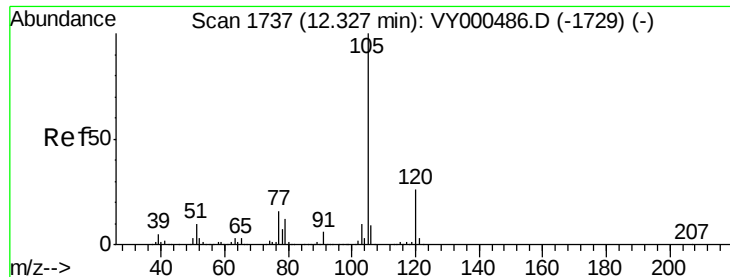
Ion Ratio Lower Upper

152 100

115 60.6 29.1 87.4

150 165.7 0.0 348.8





#73

Isopropylbenzene

Concen: 20.466 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 105 Resp: 273656

Ion Ratio Lower Upper

105 100

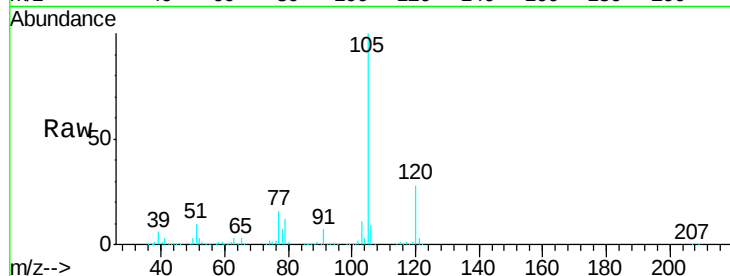
120 28.2 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

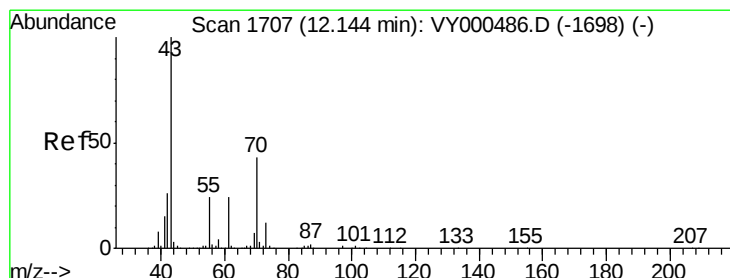
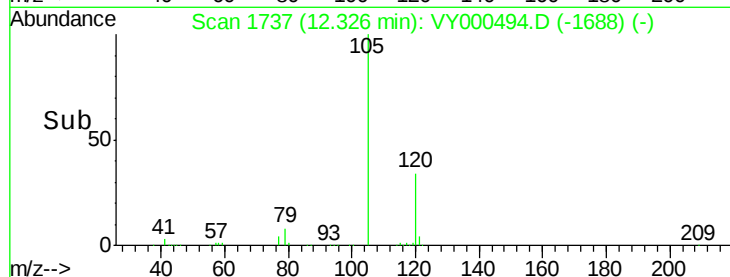
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.392 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion: 43 Resp: 74261

Ion Ratio Lower Upper

43 100

70 41.0 33.1 49.7

55 21.5 18.0 27.0

61 24.3 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

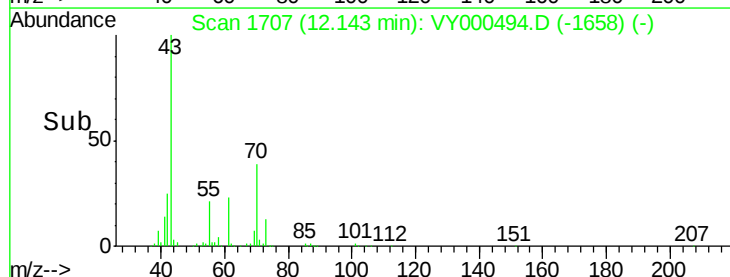
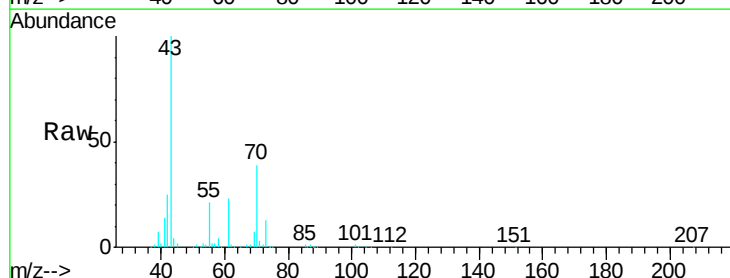
20000

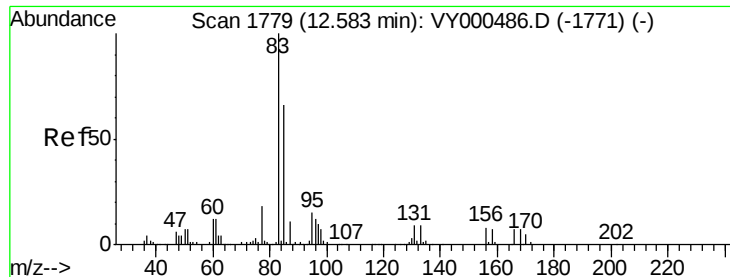
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

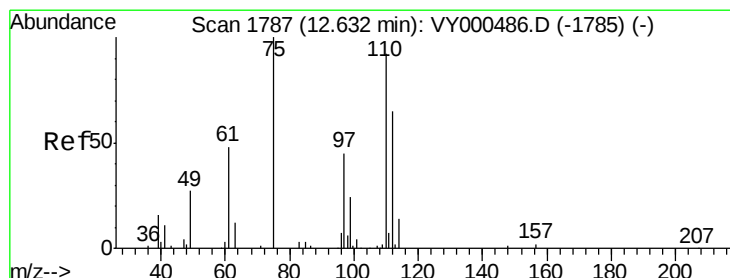
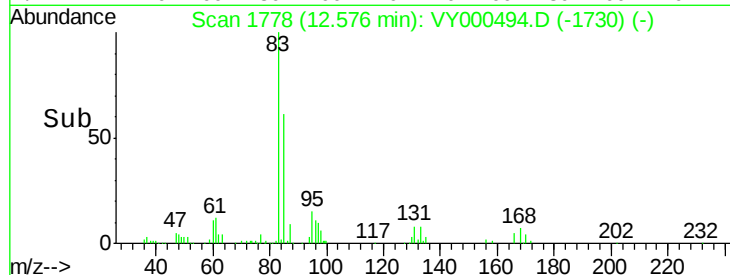
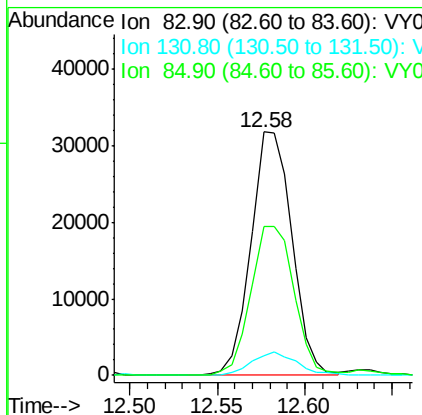
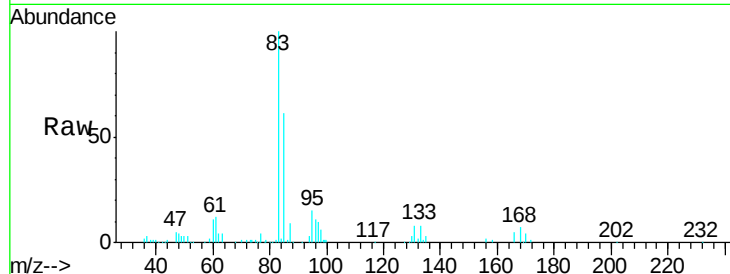
ClientSampleId :

VY1030SBS01

Tgt Ion:	83	Resp:	51852
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	14.9
85	65.0	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 19.011 ug/l m

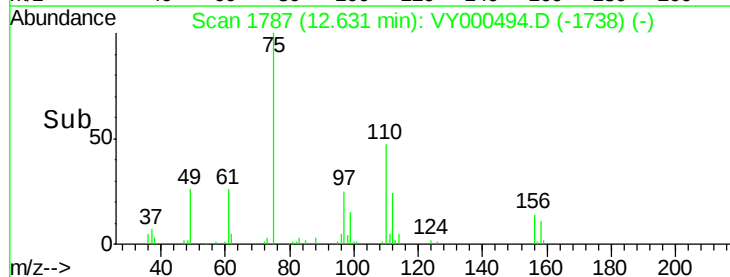
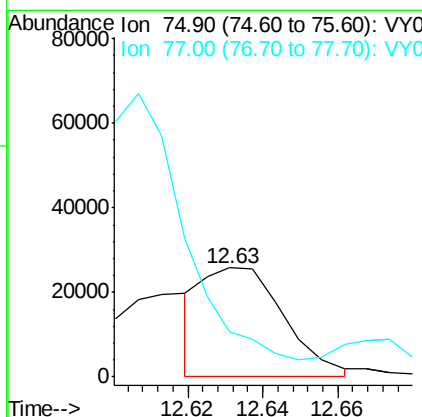
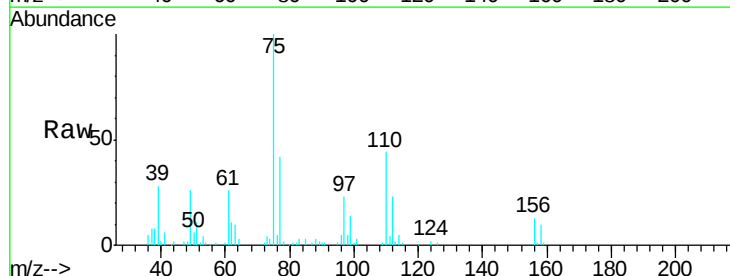
RT: 12.63 min Scan# 1787

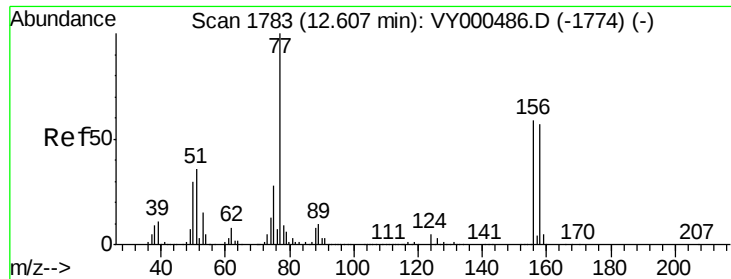
Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	75	Resp:	39162
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





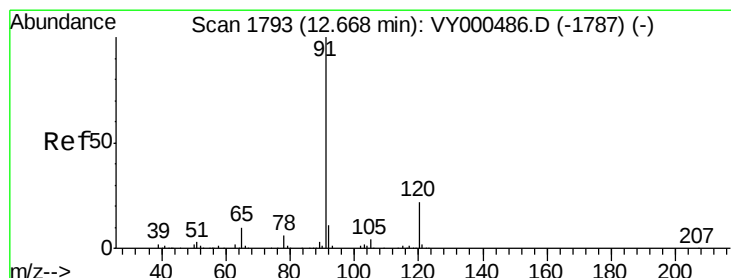
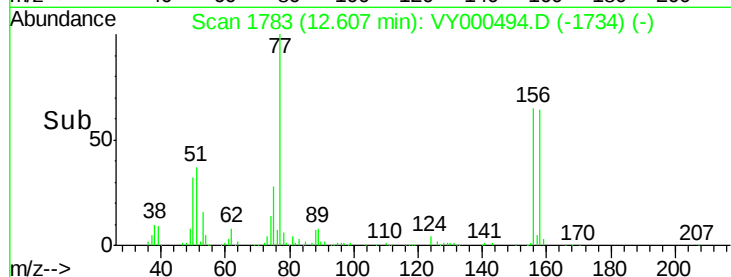
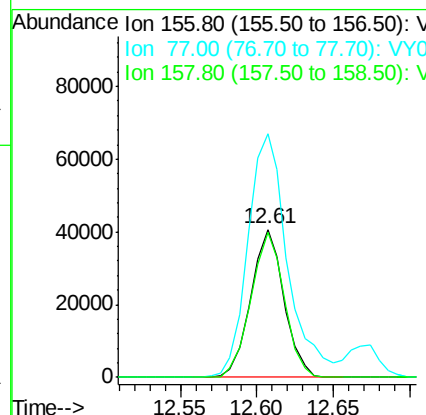
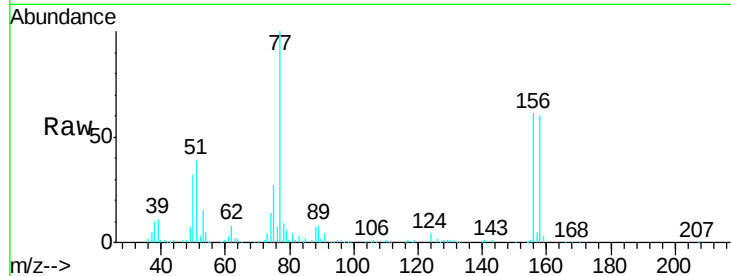
#77
Bromobenzene
Concen: 20.189 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	196.9	98.2	294.4
158	98.3	49.6	149.0

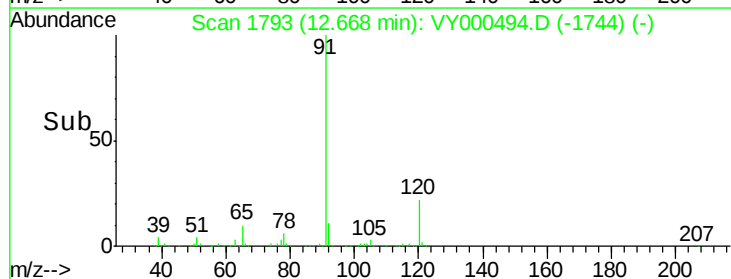
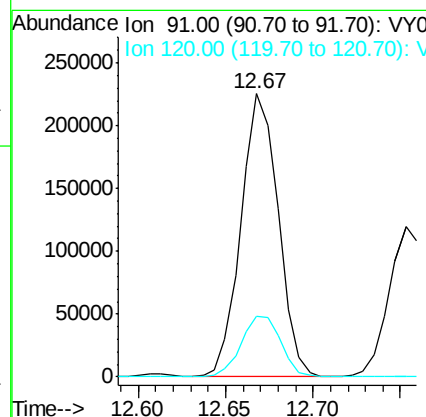
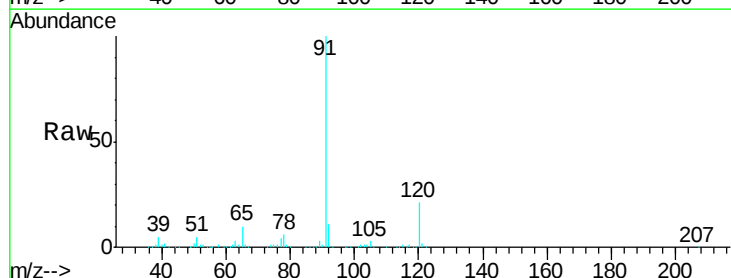
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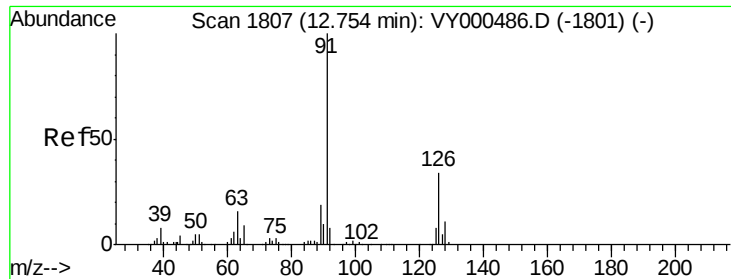
MMDadoda
10/31/2019 11:31:53 AM



#78
n-propylbenzene
Concen: 20.782 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.562 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 91 Resp: 184164

Ion Ratio Lower Upper

91 100

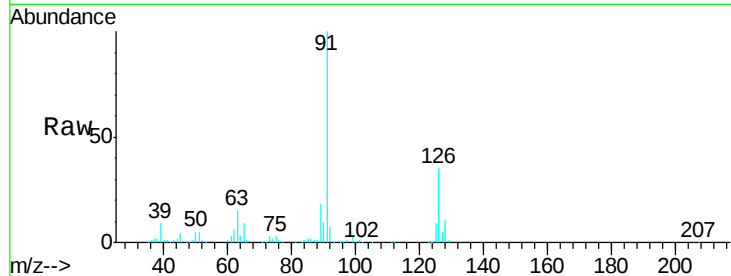
126 35.2 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

150000

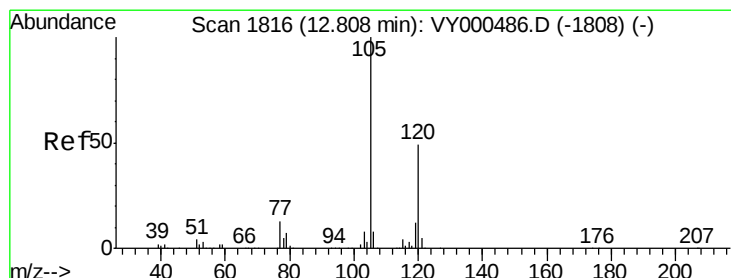
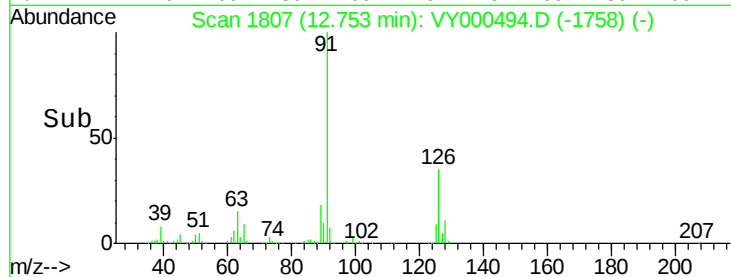
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.894 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000494.D

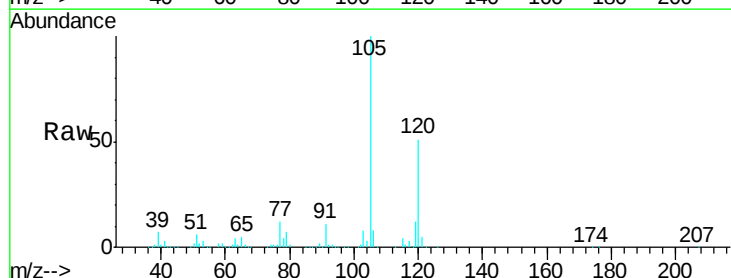
Acq: 30 Oct 2019 16:39

Tgt Ion: 105 Resp: 232675

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

150000

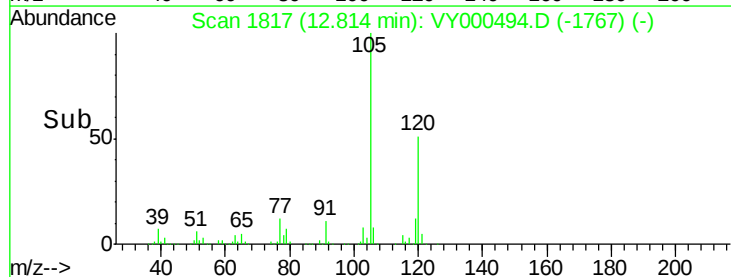
100000

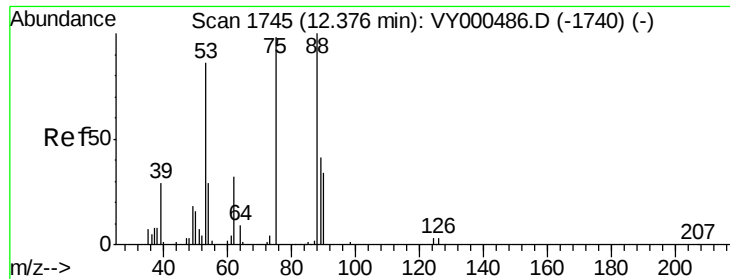
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.611 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

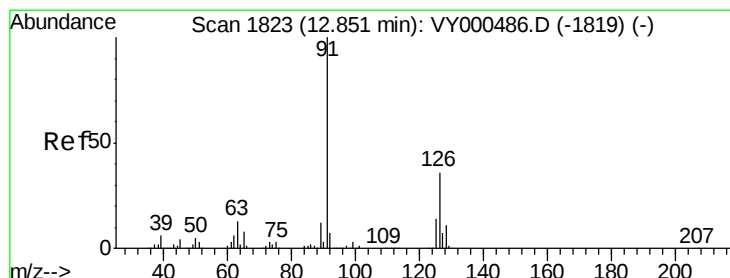
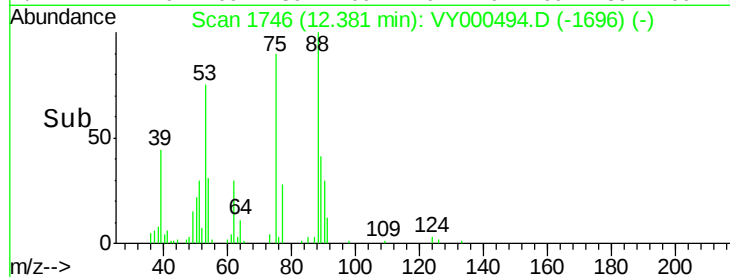
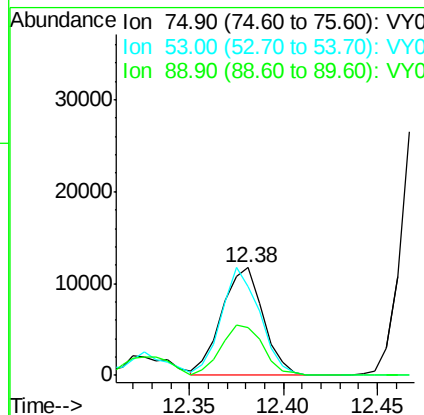
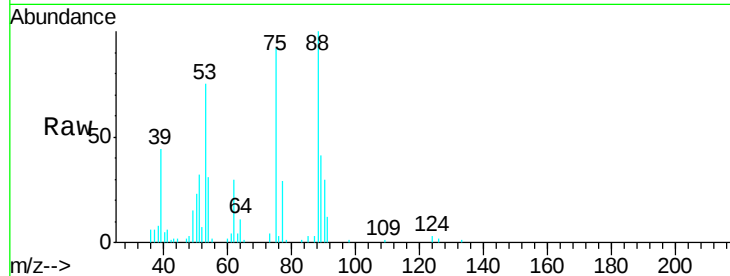
ClientSampleId :

VY1030SBS01

Tgt Ion:	75	Resp:	18018
Ion Ratio	Lower	Upper	
75	100		
53	92.0	73.2	109.8
89	46.7	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.648 ug/l

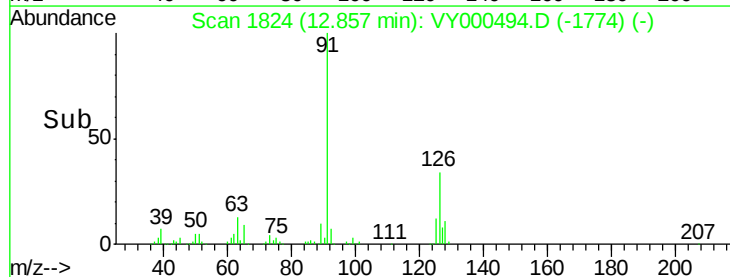
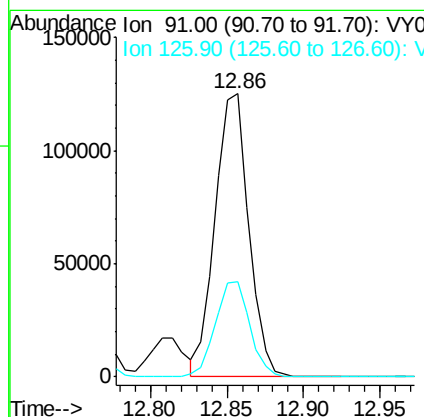
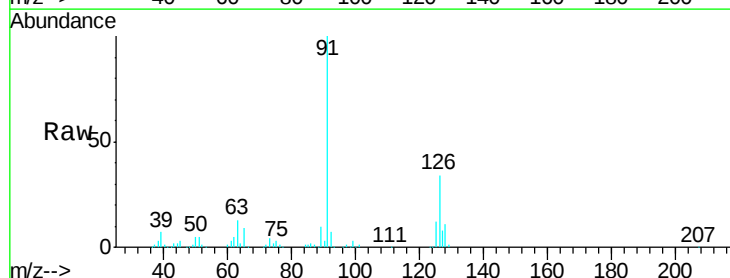
RT: 12.86 min Scan# 1824

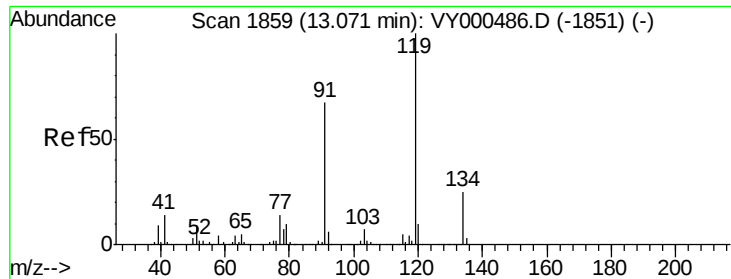
Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion:	91	Resp:	191700
Ion Ratio	Lower	Upper	
91	100		
126	34.3	17.6	52.9





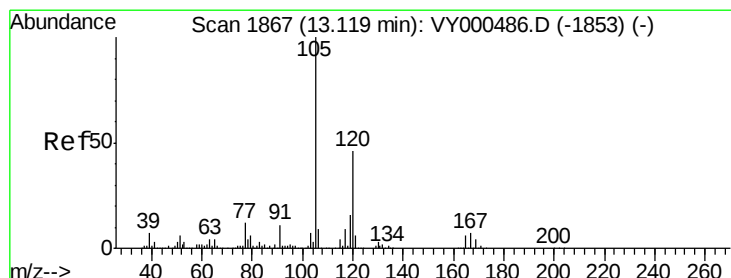
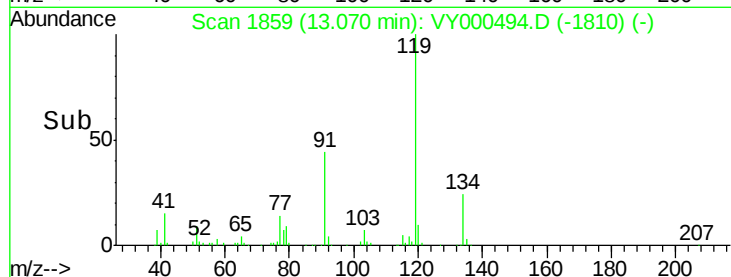
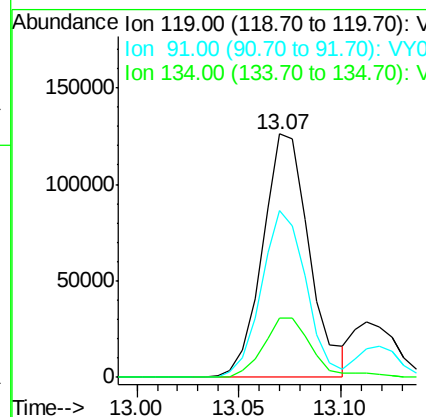
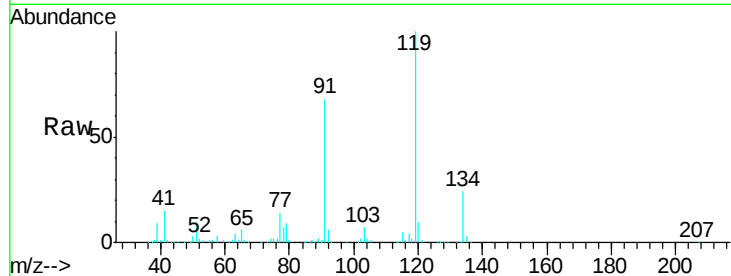
#83
 tert-Butylbenzene
 Concen: 21.157 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	201171		
91	65.5	32.1	96.3	
134	25.8	13.2	39.5	

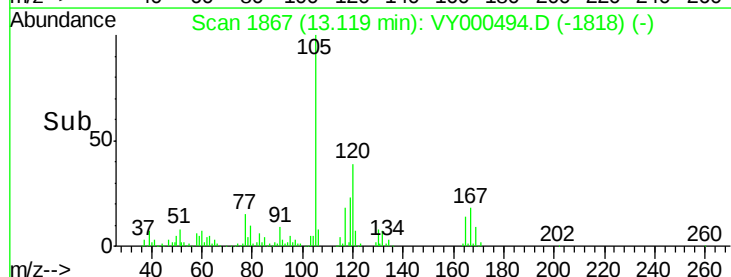
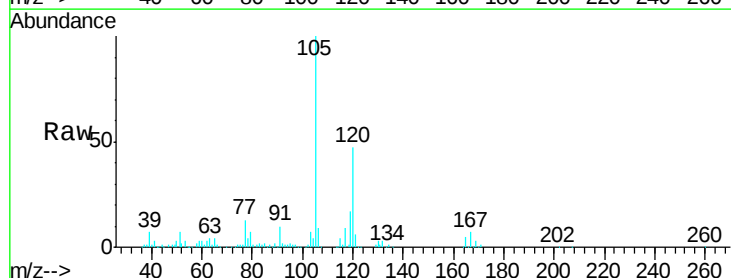
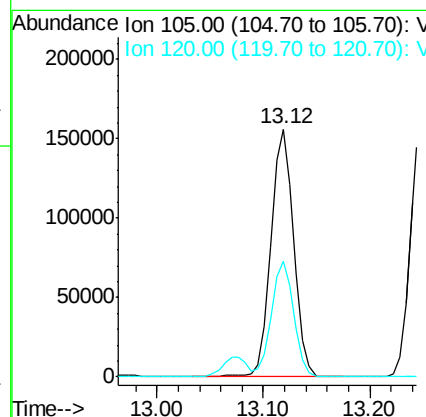
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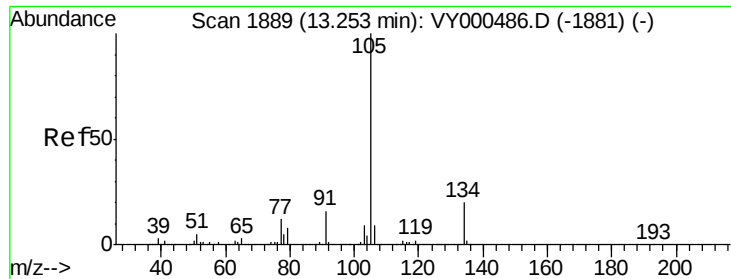
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.044 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233328		
120	46.0	23.3	69.9	





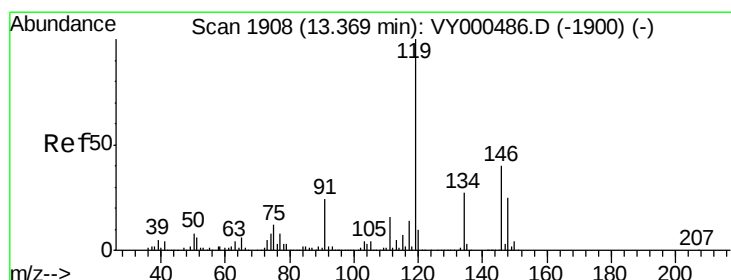
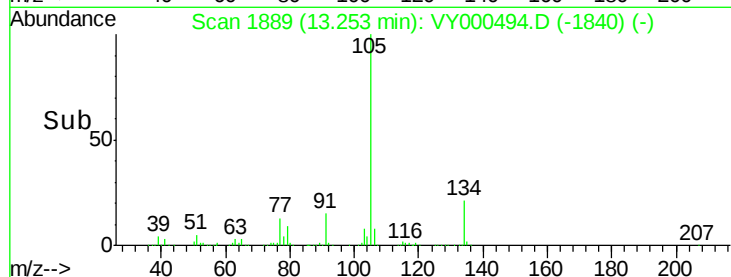
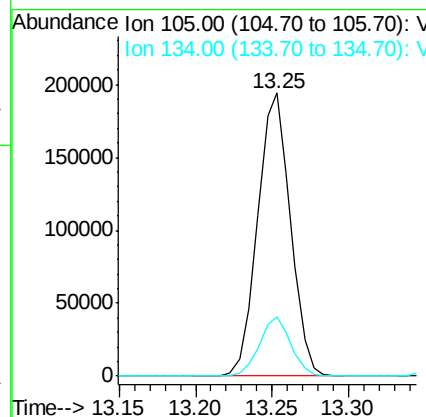
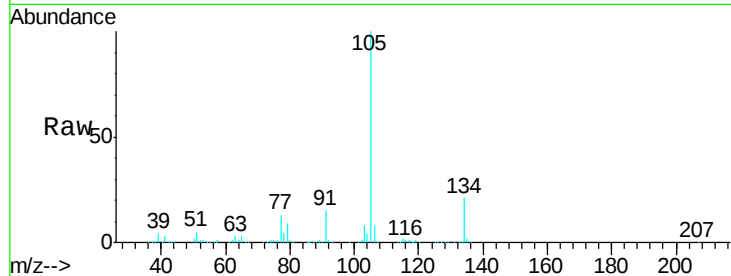
#85
 sec-Butylbenzene
 Concen: 21.334 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289008		
134	20.1	10.1	30.1	

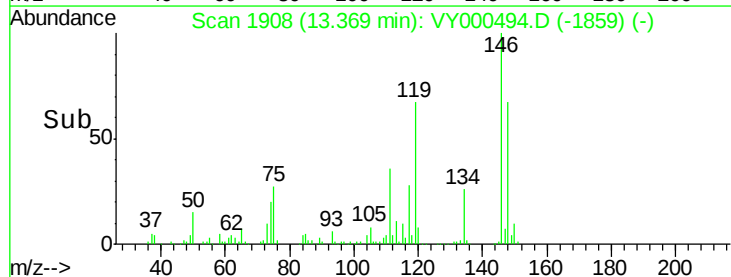
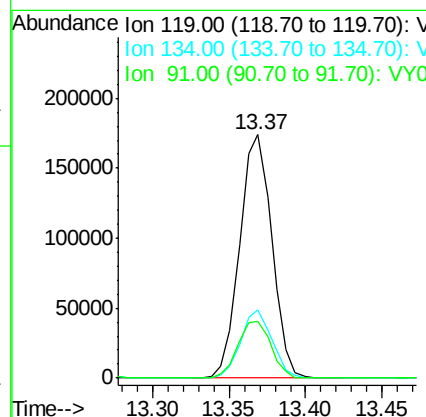
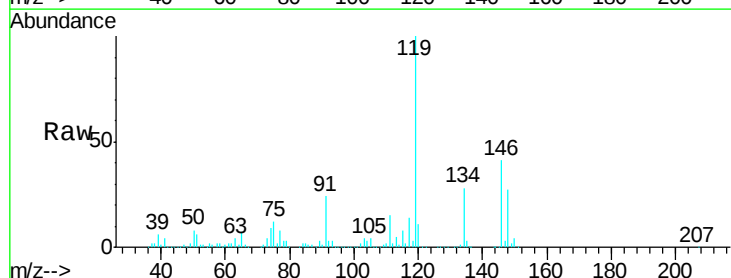
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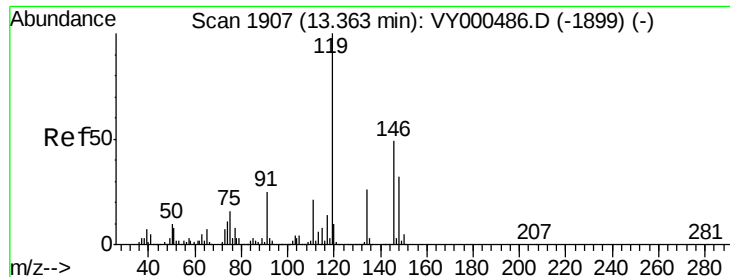
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#86
 p-Isopropyltoluene
 Concen: 21.026 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	253858		
134	27.2	13.6	40.8	
91	24.5	12.0	36.1	





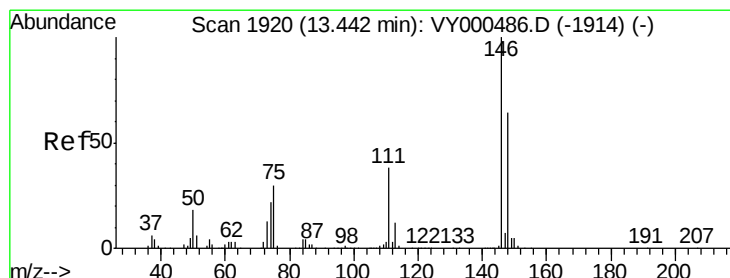
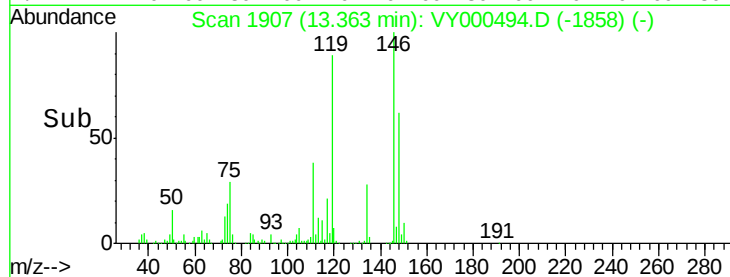
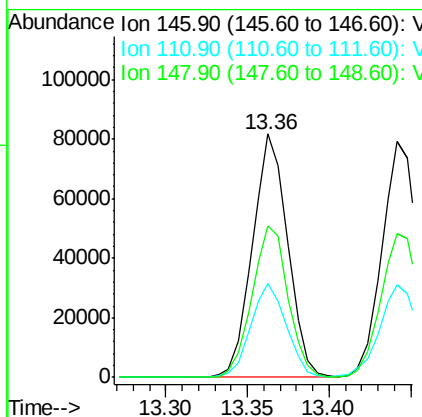
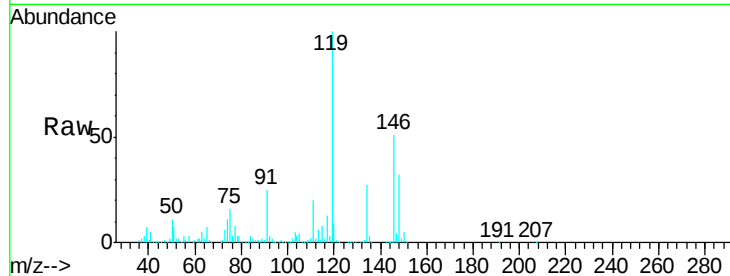
#87
 1,3-Dichlorobenzene
 Concen: 20.700 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.8
148	63.5	31.5	94.5

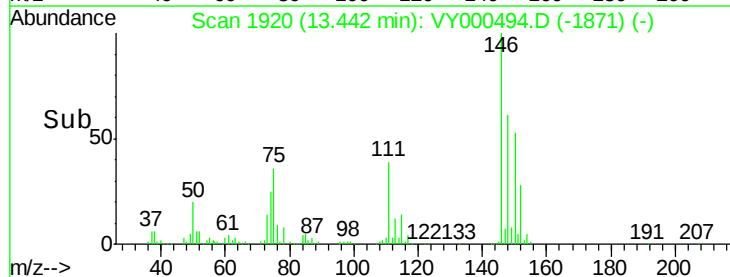
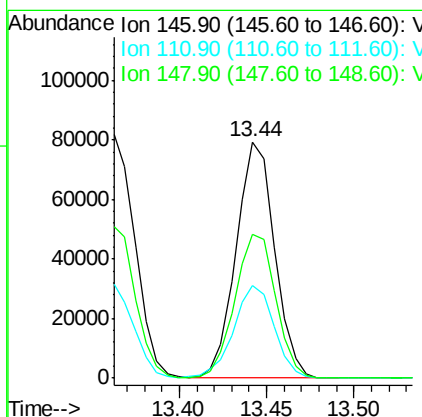
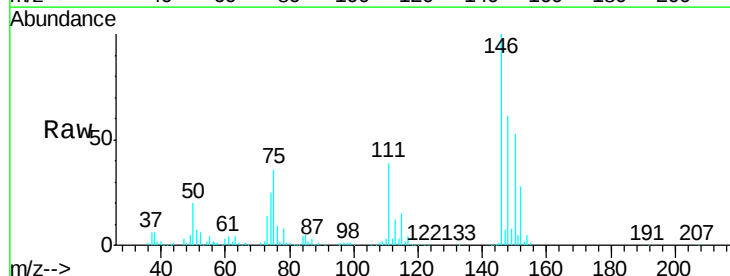
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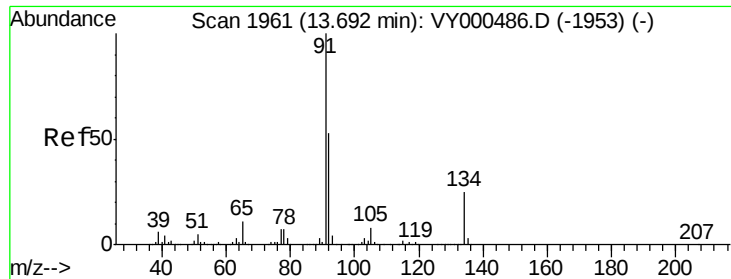
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#88
 1,4-Dichlorobenzene
 Concen: 20.487 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.0
148	64.6	31.9	95.7





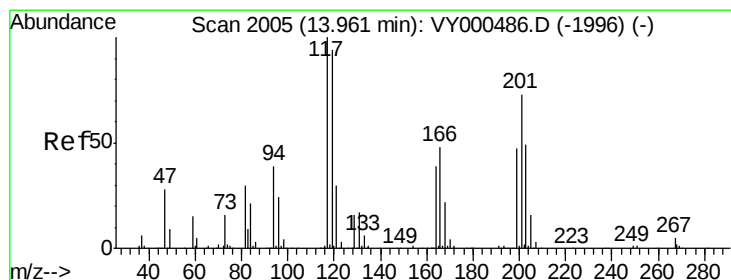
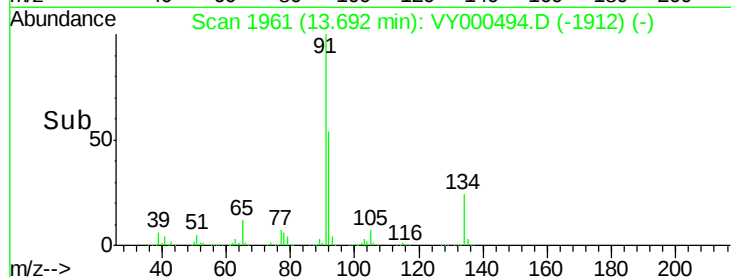
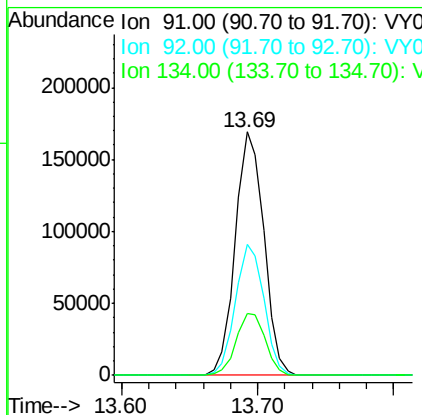
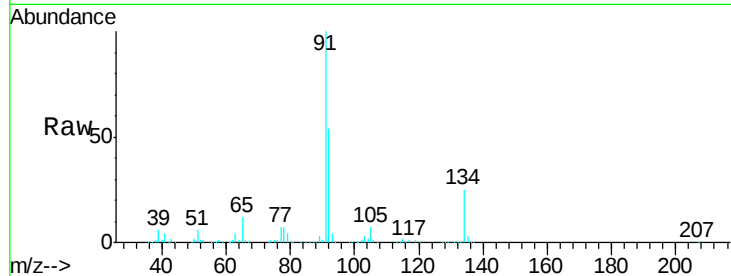
#89
n-Butylbenzene
Concen: 20.763 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.3
134	25.9	12.9	38.7

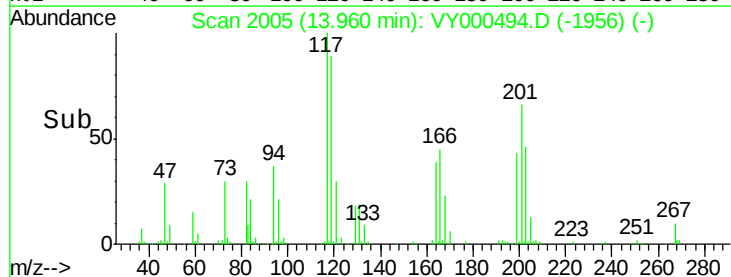
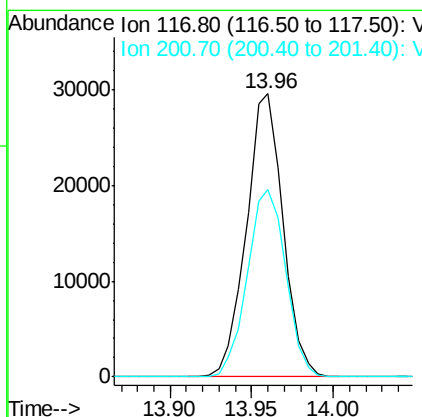
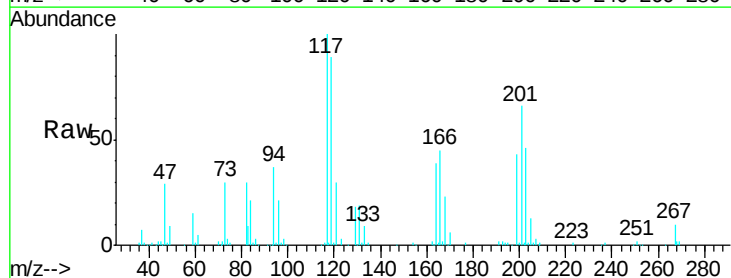
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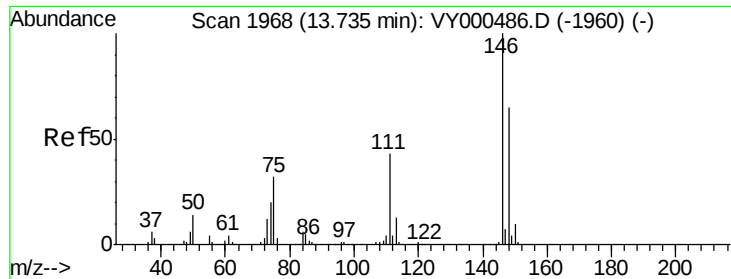
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#90
Hexachloroethane
Concen: 20.737 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.8	107.3





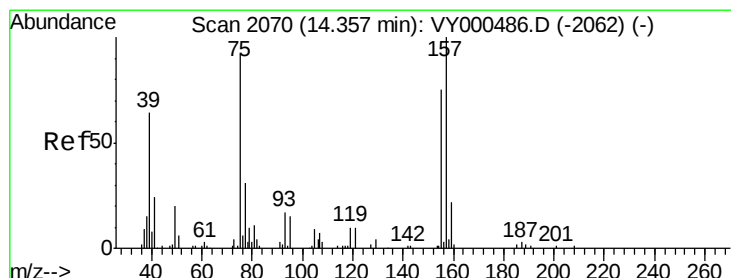
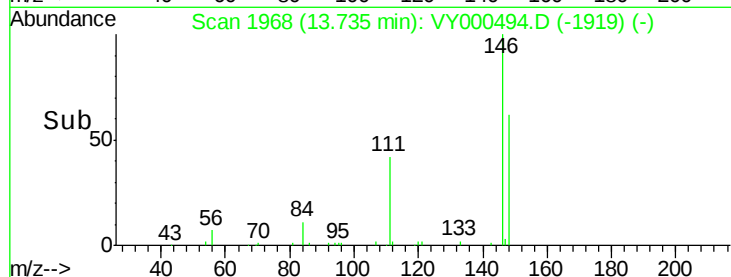
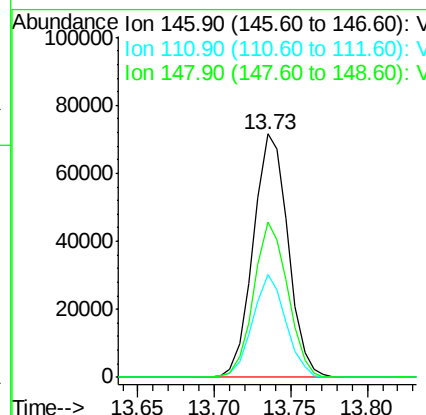
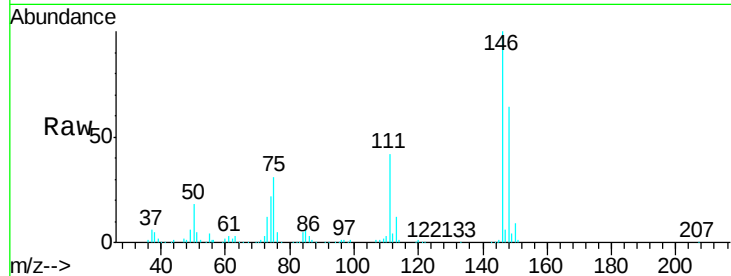
#91
 1,2-Dichlorobenzene
 Concen: 21.022 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	62.3	31.7	95.1

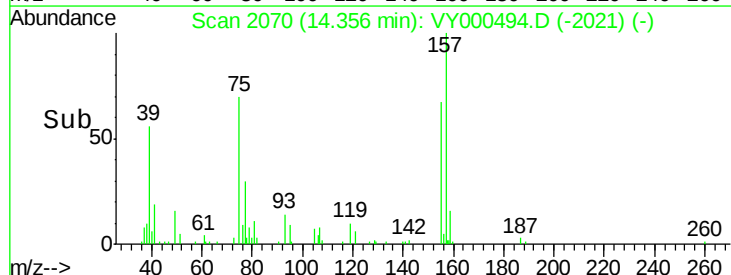
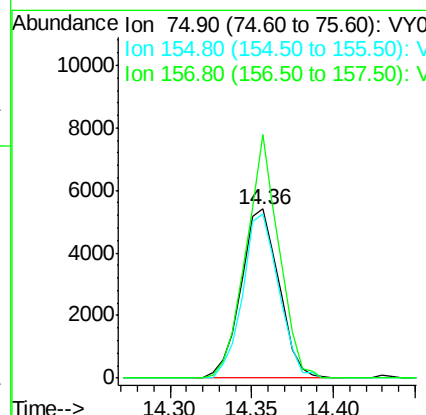
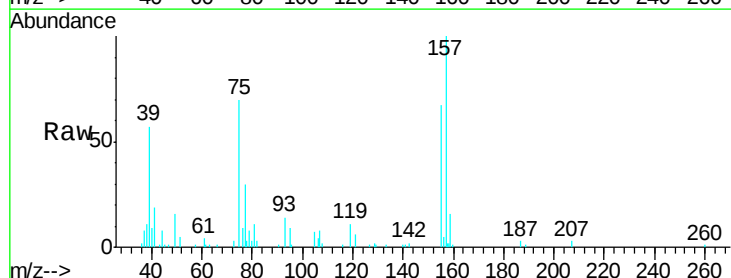
Manual Integrations
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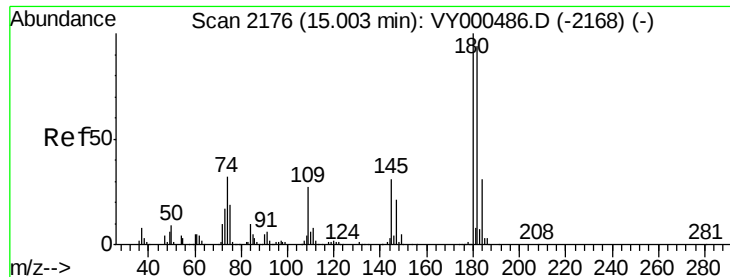
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.805 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	42.4	127.1
157	124.3	55.1	165.3





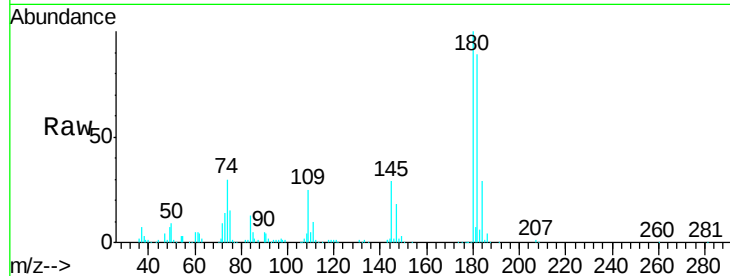
#93
1,2,4-Trichlorobenzene
Concen: 21.869 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

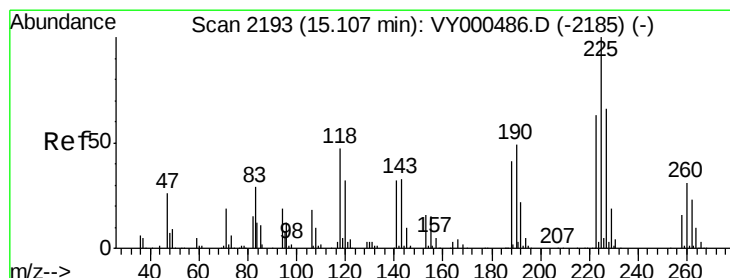
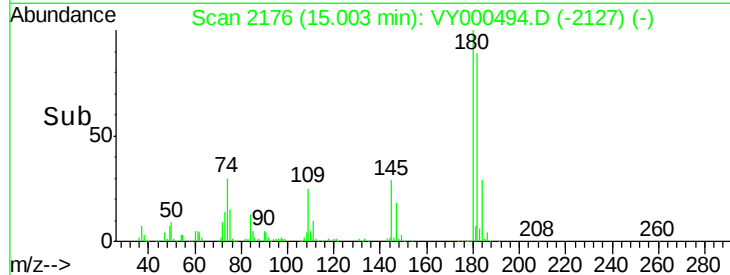
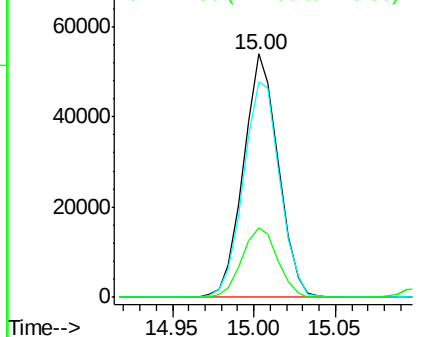
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.8	143.4
145	29.4	16.0	47.9

Manual Integrations
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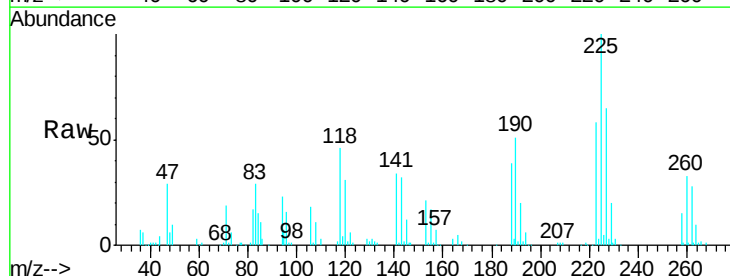


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

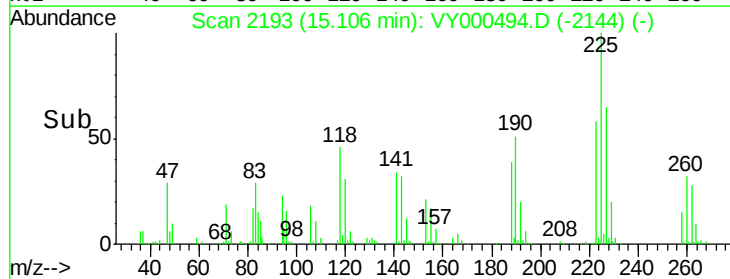
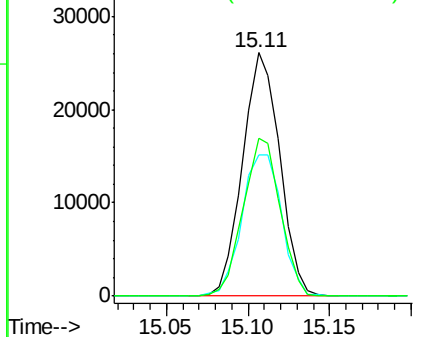


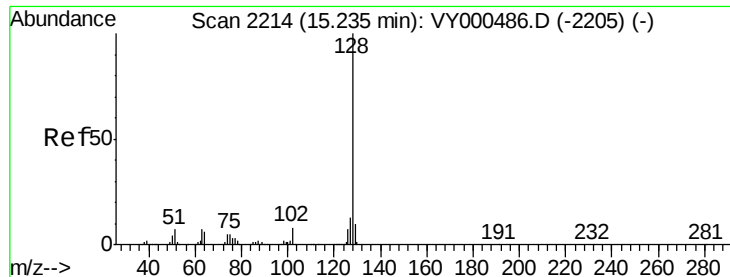
#94
Hexachlorobutadiene
Concen: 21.957 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.4	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





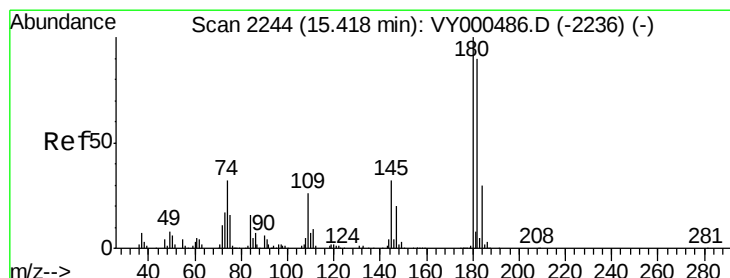
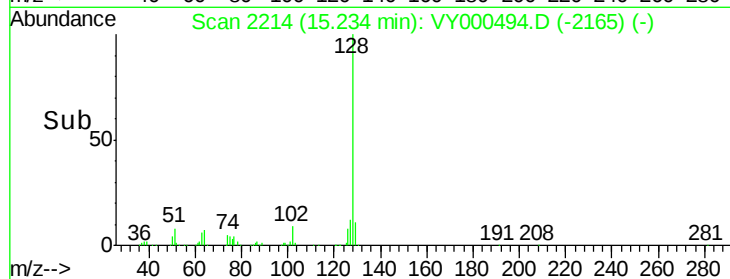
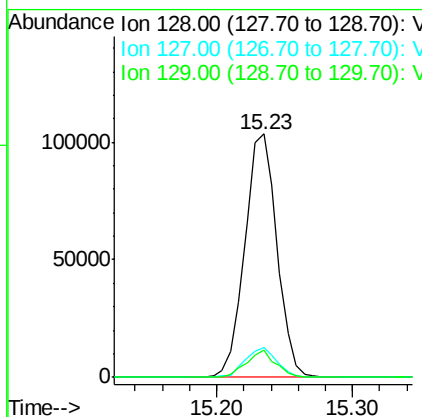
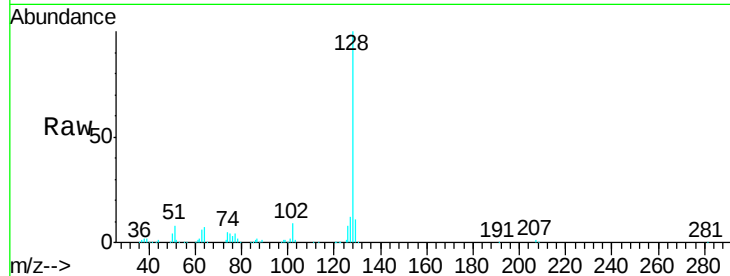
#95
Naphthalene
Concen: 21.000 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	171049		
127	12.1		9.8	14.6
129	10.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.879 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68729		
182	93.6		47.4	142.3
145	33.3		15.7	47.0

