

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001064.D
 Acq On : 26 Dec 2019 12:18
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Manual Integrations
 APPROVED

apatel
 12/27/2019 11:04:29 AM

Quant Time: Dec 27 04:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	324588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	573243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	503570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	148842	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.73	113	157042	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	10.18	98	652101	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.48	95	213959	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	60302	21.320	ug/l	99
3) Chloromethane	2.12	50	83476	21.685	ug/l	98
4) Vinyl Chloride	2.26	62	75558	20.212	ug/l	96
5) Bromomethane	2.65	94	48854	19.804	ug/l	96
6) Chloroethane	2.79	64	44941	19.301	ug/l	96
7) Trichlorofluoromethane	3.13	101	108095	19.714	ug/l	100
8) Diethyl Ether	3.53	74	44508	19.885	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	74188	20.598	ug/l	98
10) Methyl Iodide	4.10	142	95075	19.105	ug/l	98
11) Tert butyl alcohol	4.97	59	32476	92.262	ug/l	95
12) 1,1-Dichloroethene	3.88	96	75299	20.650	ug/l	93
13) Acrolein	3.74	56	38102	87.363	ug/l	98
14) Allyl chloride	4.49	41	113359	20.011	ug/l	98
15) Acrylonitrile	5.18	53	109985	98.323	ug/l	99
16) Acetone	3.96	43	77380	104.922	ug/l	97
17) Carbon Disulfide	4.20	76	239966	20.139	ug/l	98
18) Methyl Acetate	4.49	43	55876	19.748	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	185253	19.683	ug/l	96
20) Methylene Chloride	4.72	84	90504	20.849	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	79927	19.778	ug/l	88
22) Diisopropyl ether	6.13	45	230860	20.162	ug/l	97
23) Vinyl Acetate	6.07	43	705376	97.546	ug/l	99
24) 1,1-Dichloroethane	6.03	63	137425	20.310	ug/l	98
25) 2-Butanone	7.00	43	129259	99.767	ug/l	97
26) 2,2-Dichloropropane	6.99	77	112693	20.271	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	90425	20.367	ug/l	99
28) Bromochloromethane	7.34	49	46048	17.442	ug/l	98
29) Tetrahydrofuran	7.36	42	86405	93.756	ug/l	98
30) Chloroform	7.52	83	128646	20.106	ug/l	97
31) Cyclohexane	7.79	56	139659	19.628	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	108993	19.970	ug/l	100
36) 1,1-Dichloropropene	7.93	75	109509	20.025	ug/l	100
37) Ethyl Acetate	7.08	43	57632	19.033	ug/l	98
38) Carbon Tetrachloride	7.91	117	95004	19.828	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	145509	20.036	ug/l	97
40) Benzene	8.17	78	336268	20.382	ug/l	97
41) Methacrylonitrile	7.33	41	27124m	20.661	ug/l	
42) 1,2-Dichloroethane	8.24	62	76895	19.494	ug/l	99
43) Isopropyl Acetate	8.28	43	103053	18.384	ug/l	96
44) Trichloroethene	8.94	130	86551	19.911	ug/l	97
45) 1,2-Dichloropropane	9.22	63	81200	19.619	ug/l	97
46) Dibromomethane	9.31	93	42524	19.931	ug/l	98
47) Bromodichloromethane	9.50	83	96737	19.574	ug/l	96
48) Methyl methacrylate	9.30	41	43663	18.253	ug/l	94
49) 1,4-Dioxane	9.30	88	12738	408.137	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	280099	95.870	ug/l	100
52) Toluene	10.24	92	202239	19.916	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	106121	19.786	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	127319	19.741	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	62427	19.599	ug/l	93
56) Ethyl methacrylate	10.51	69	87367	19.273	ug/l	98
57) 1,3-Dichloropropane	10.79	76	110793	19.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	171155	97.753	ug/l	99
59) 2-Hexanone	10.83	43	181581	89.820	ug/l	96
60) Dibromochloromethane	10.99	129	66634	19.585	ug/l	98
61) 1,2-Dibromoethane	11.09	107	60029	19.709	ug/l	98
64) Tetrachloroethene	10.72	164	89622	20.569	ug/l	98
65) Chlorobenzene	11.52	112	209816	20.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68529	19.880	ug/l	98
67) Ethyl Benzene	11.59	91	378038	20.121	ug/l	100
68) m/p-Xylenes	11.70	106	288980	40.509	ug/l	99
69) o-Xylene	12.03	106	138289	20.605	ug/l	97
70) Styrene	12.04	104	231359	20.274	ug/l	99
71) Bromoform	12.20	173	36754	19.149	ug/l #	98
73) Isopropylbenzene	12.33	105	364219	20.505	ug/l	99
74) N-amyl acetate	12.14	43	86804	18.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68399	19.547	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	49019m	17.323	ug/l	
77) Bromobenzene	12.61	156	78508	19.652	ug/l	99
78) n-propylbenzene	12.67	91	434636	20.082	ug/l	99
79) 2-Chlorotoluene	12.75	91	237167	19.842	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	298074	20.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27223	20.518	ug/l	96
82) 4-Chlorotoluene	12.85	91	245752	19.795	ug/l	100
83) tert-Butylbenzene	13.07	119	249250	20.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	292446	19.988	ug/l	100
85) sec-Butylbenzene	13.25	105	361254	20.050	ug/l	99
86) p-Isopropyltoluene	13.37	119	318584	20.434	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	153355	19.988	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	155926	20.146	ug/l	99
89) n-Butylbenzene	13.69	91	315061	20.086	ug/l	100
90) Hexachloroethane	13.96	117	57833	19.689	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	141957	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10498	17.932	ug/l	94

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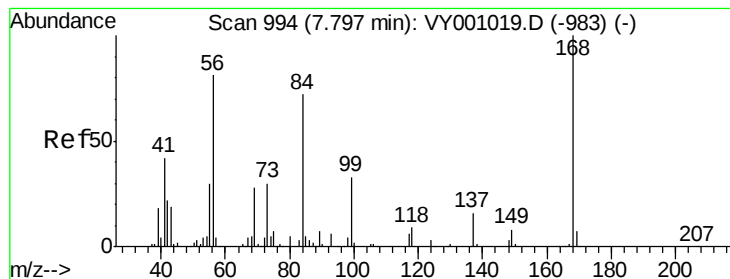
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94312	19.742	ug/l	99
94) Hexachlorobutadiene	15.11	225	44031	19.369	ug/l	97
95) Naphthalene	15.23	128	219748	19.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	81794	19.200	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion:168 Resp: 324588

Ion Ratio Lower Upper

168 100

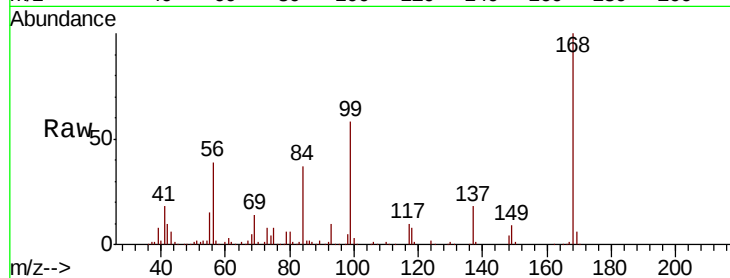
99 57.8 44.0 66.0

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

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

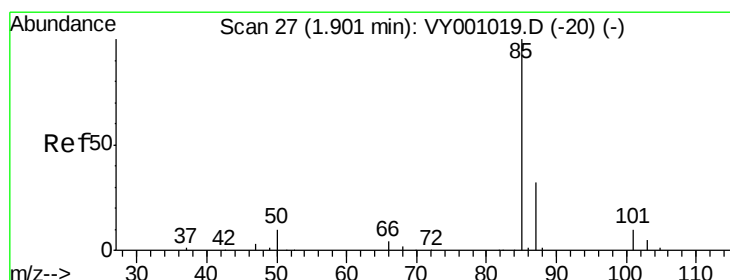
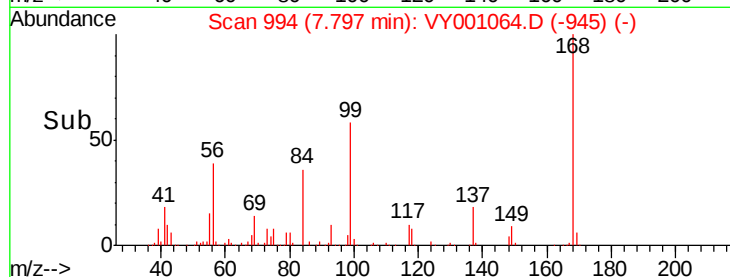
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.320 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001064.D

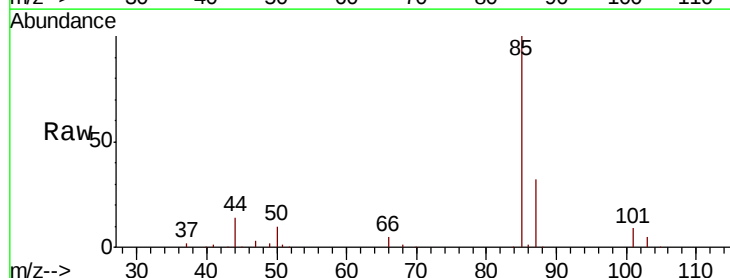
Acq: 26 Dec 2019 12:18

Tgt Ion: 85 Resp: 60302

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



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

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

40000

30000

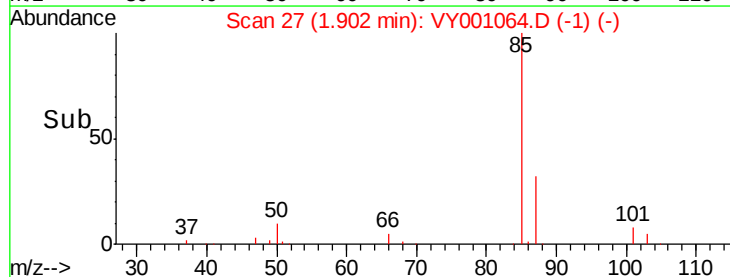
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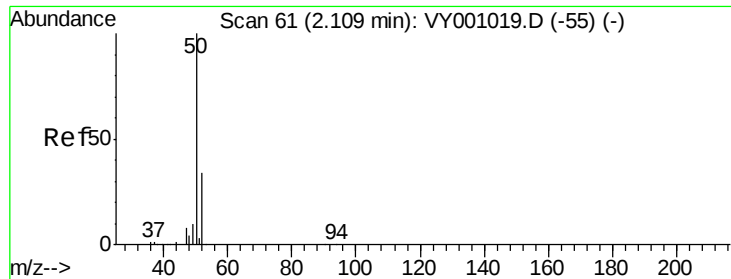
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.685 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 50 Resp: 83476

Ion Ratio Lower Upper

50 100

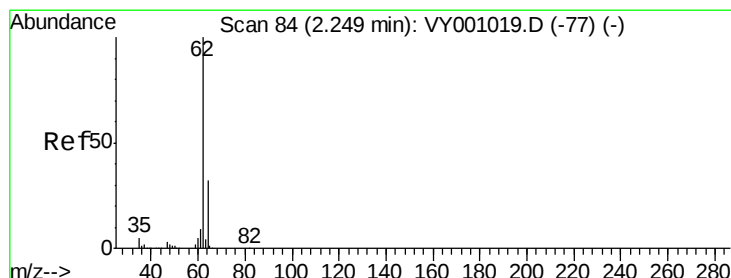
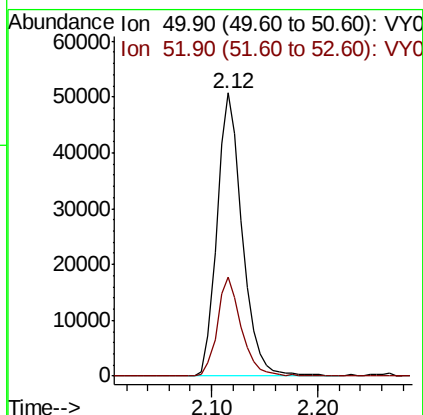
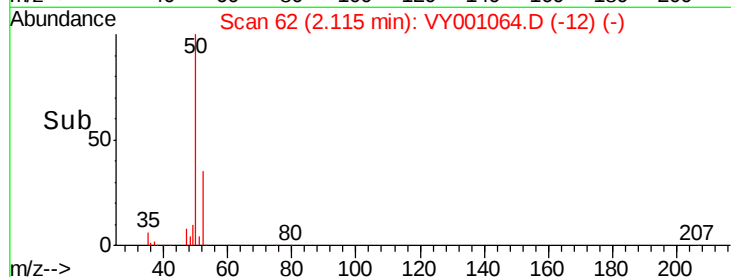
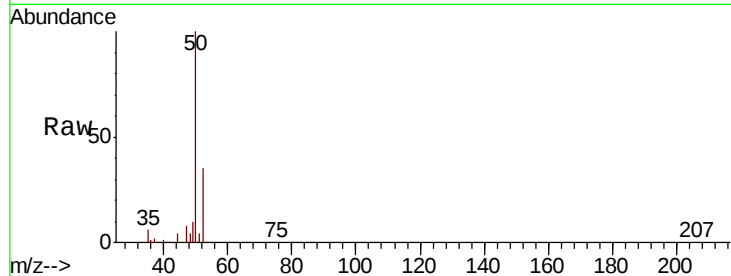
52 34.8 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.212 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001064.D

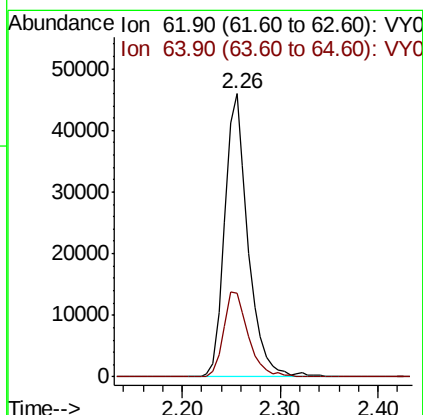
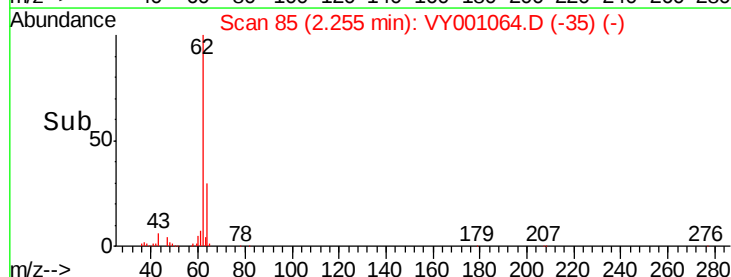
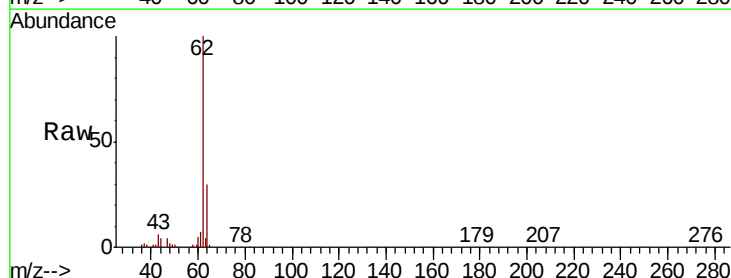
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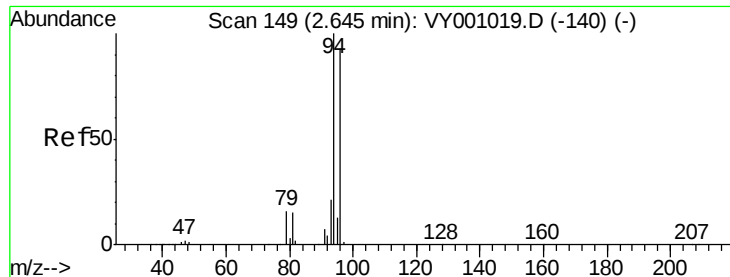
Tgt Ion: 62 Resp: 75558

Ion Ratio Lower Upper

62 100

64 29.5 25.6 38.4





#5

Bromomethane

Concen: 19.804 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 94 Resp: 48854

Ion Ratio Lower Upper

94 100

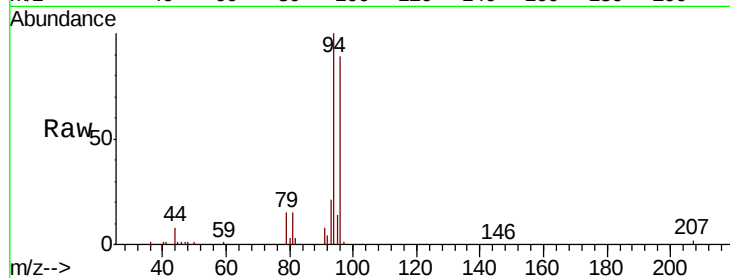
96 89.4 74.2 111.4

Manual Integrations

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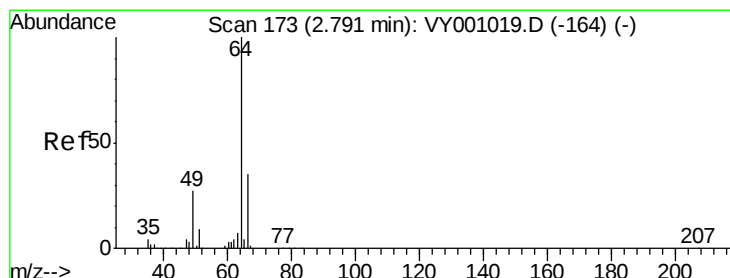
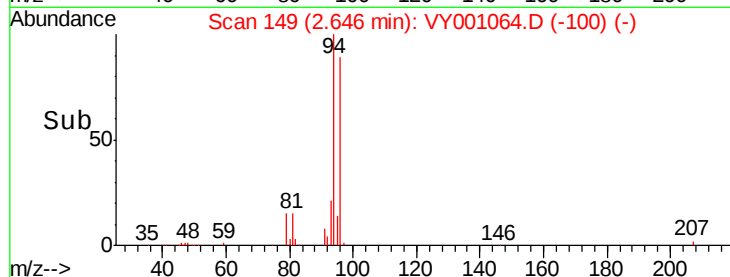
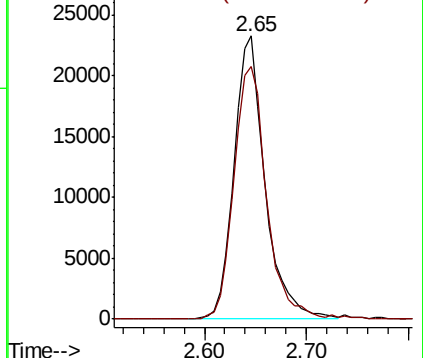
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.301 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001064.D

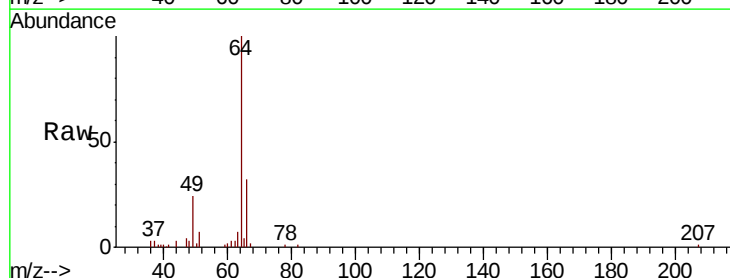
Acq: 26 Dec 2019 12:18

Tgt Ion: 64 Resp: 44941

Ion Ratio Lower Upper

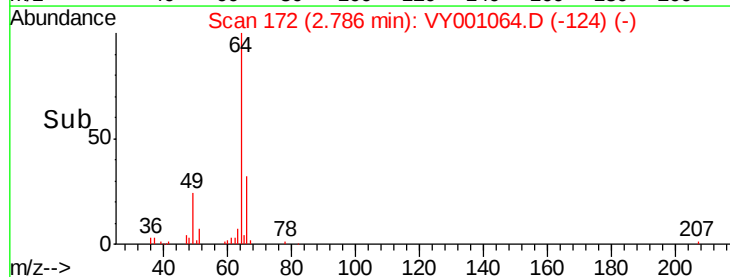
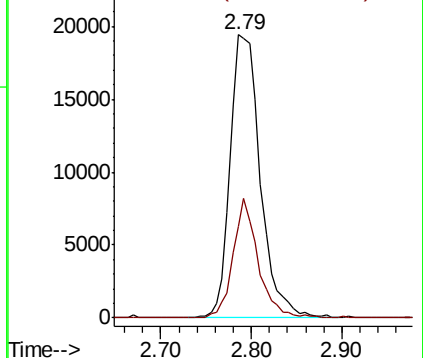
64 100

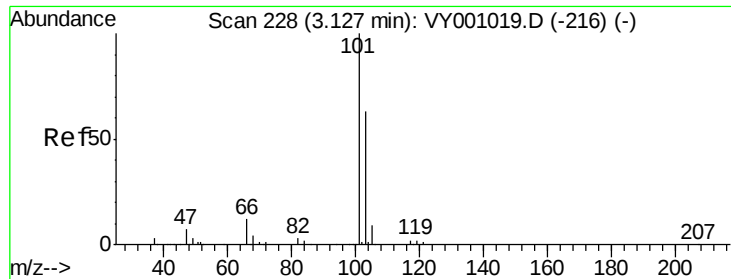
66 32.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

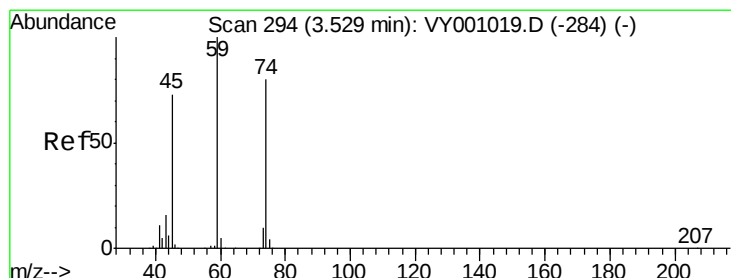
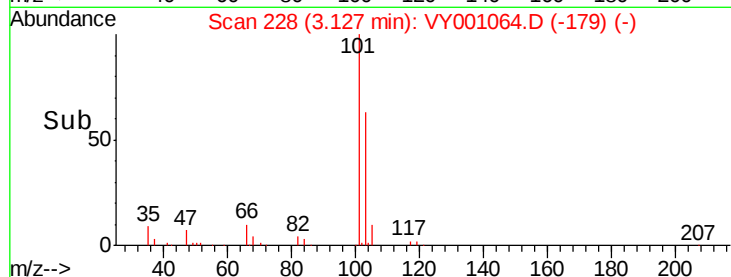
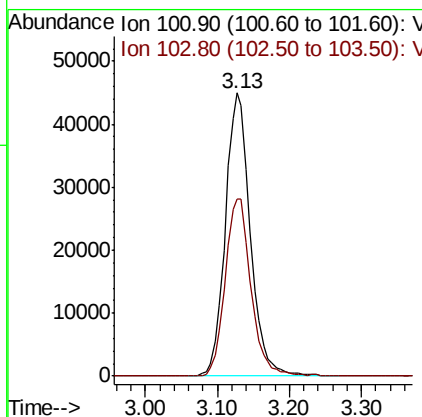
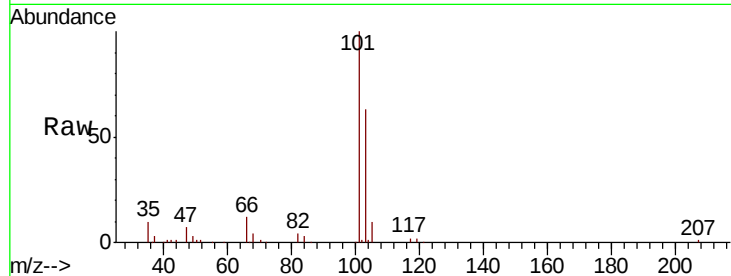
Trichlorofluoromethane
 Concen: 19.714 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.2	75.2

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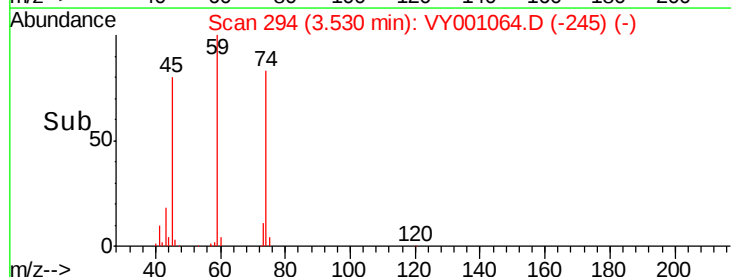
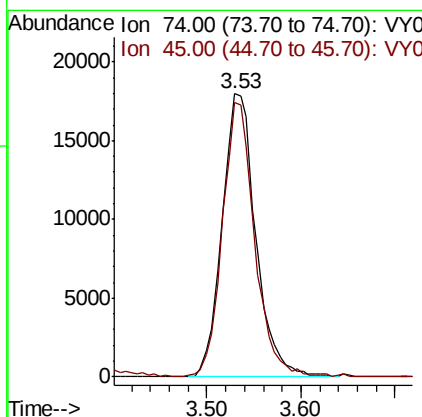
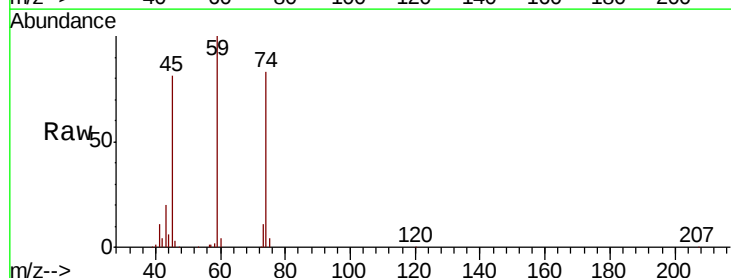
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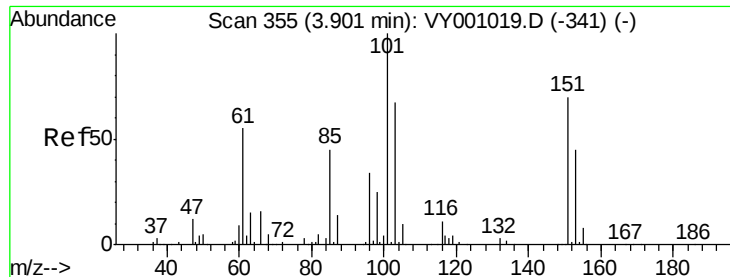


#8

Diethyl Ether
 Concen: 19.885 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.598 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

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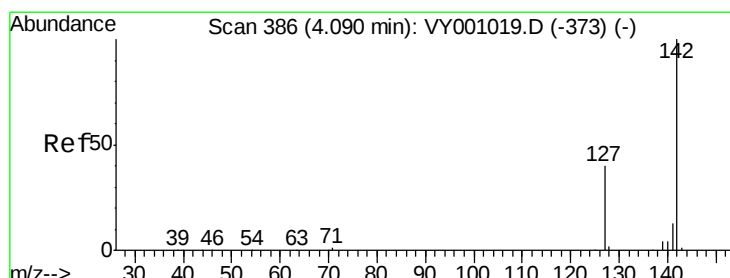
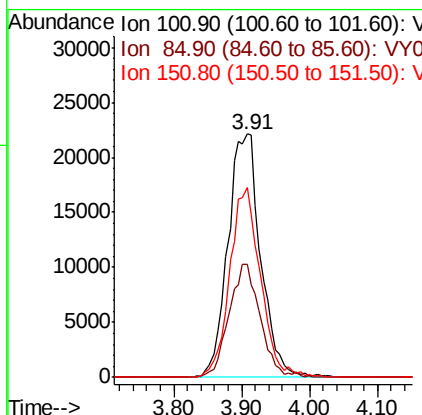
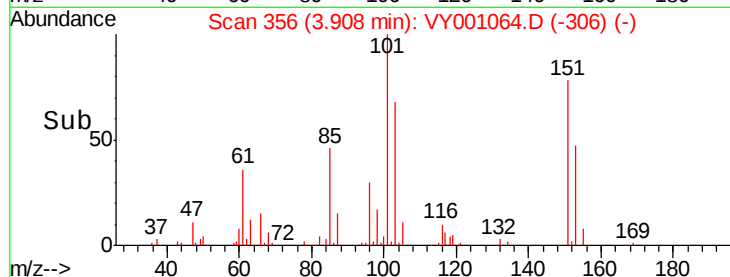
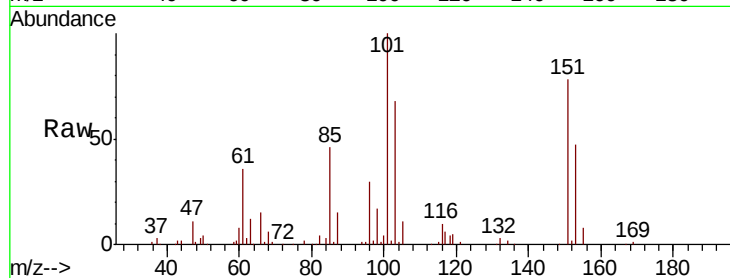
ClientSampleId :

VY1226SBS01

Tot Ion:	101	Resp:	74188
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.2	51.2
151	72.9	57.0	85.6

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#10

Methyl Iodide

Concen: 19.105 ug/l

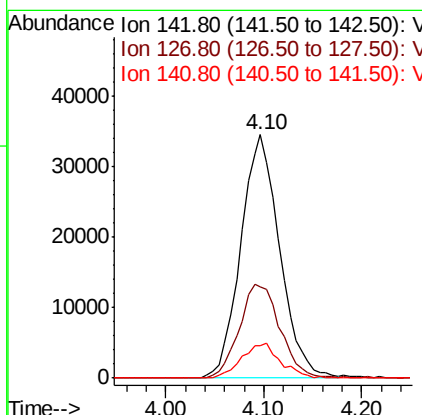
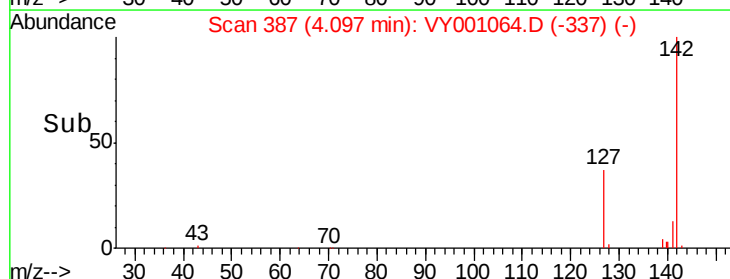
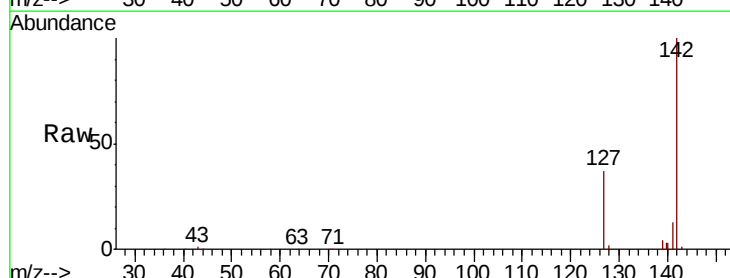
RT: 4.10 min Scan# 387

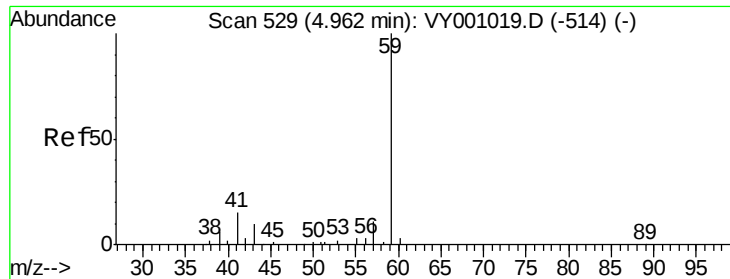
Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	142	Resp:	95075
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.2	46.8
141	14.4	11.0	16.4





#11

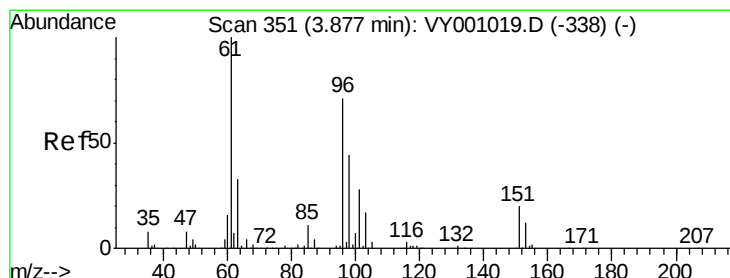
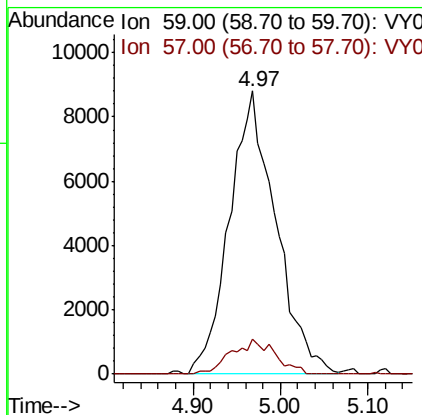
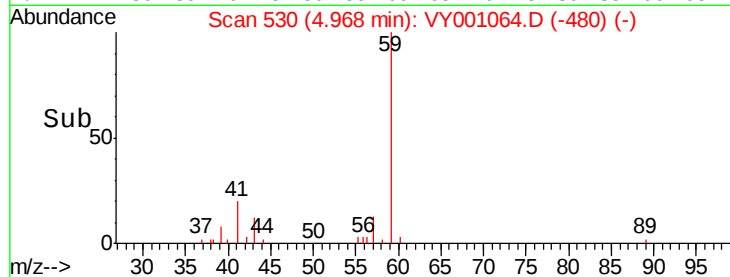
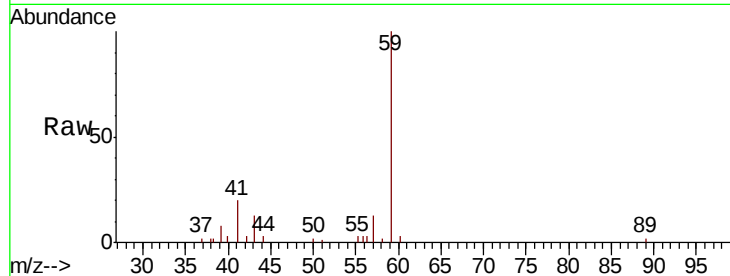
Tert butyl alcohol
Concen: 92.262 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	59	57	Ratio	100	11.6	Resp	32476	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	11.6	Resp	32476	Lower	7.8	Upper	11.6

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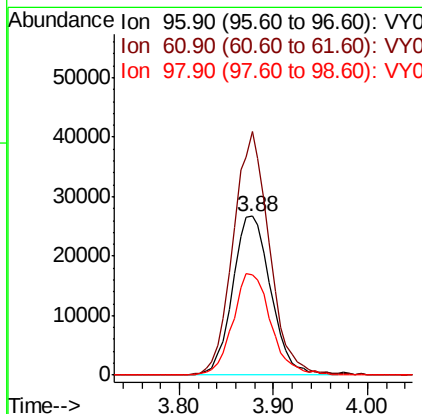
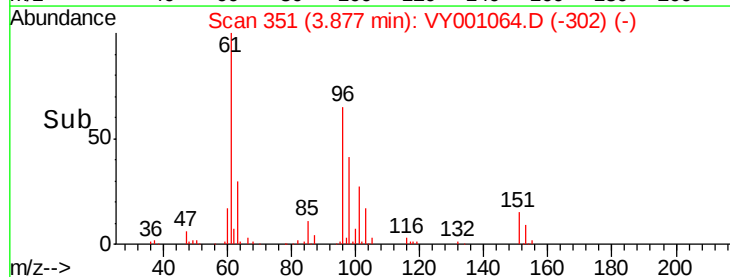
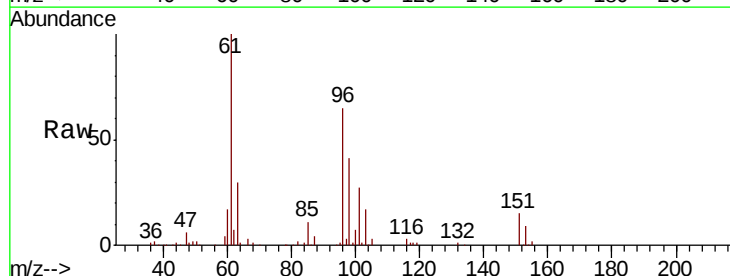
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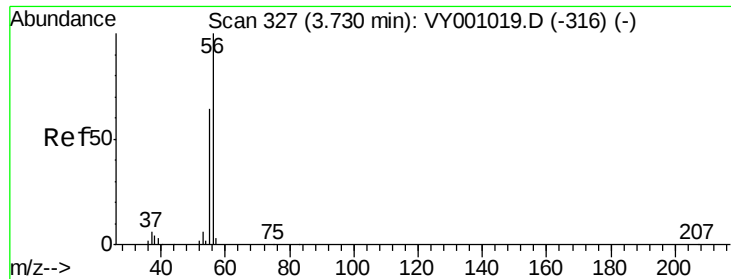


#12

1,1-Dichloroethene
Concen: 20.650 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	96	61	98	Ratio	100	153.3	63.3	Resp	75299	Lower	113.0	49.8	Upper	169.4	74.8
Ion	96	61	98	Ratio	100	153.3	63.3	Resp	75299	Lower	113.0	49.8	Upper	169.4	74.8





#13

Acrolein

Concen: 87.363 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 56 Resp: 38102

Ion Ratio Lower Upper

56 100

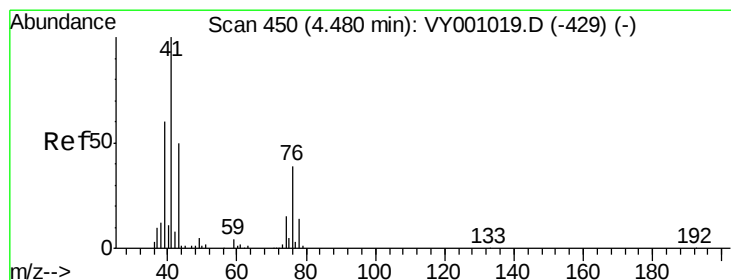
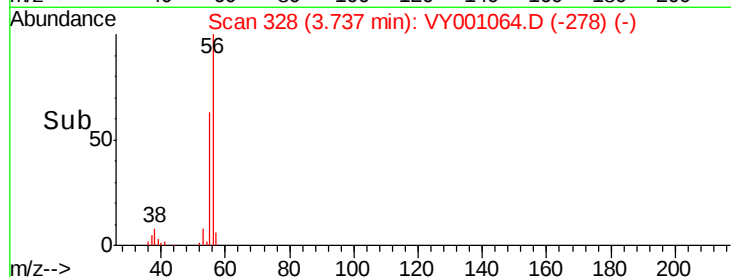
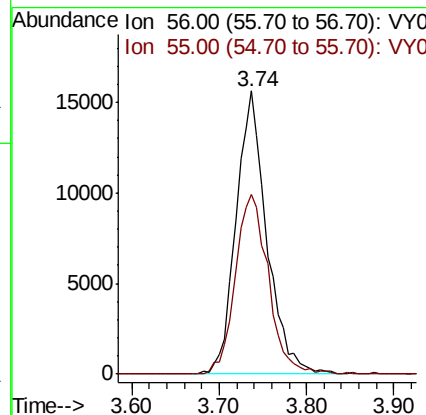
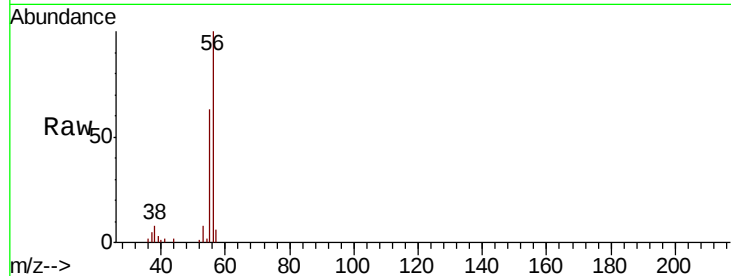
55 68.1 55.6 83.4

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#14

Allyl chloride

Concen: 20.011 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

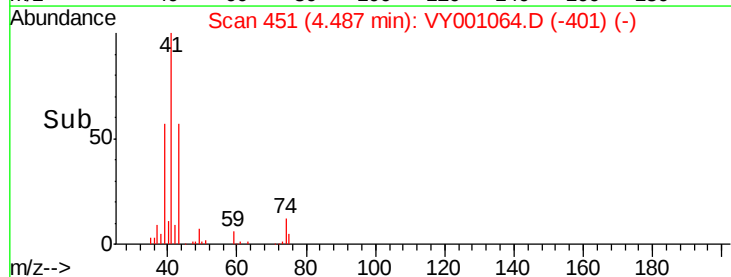
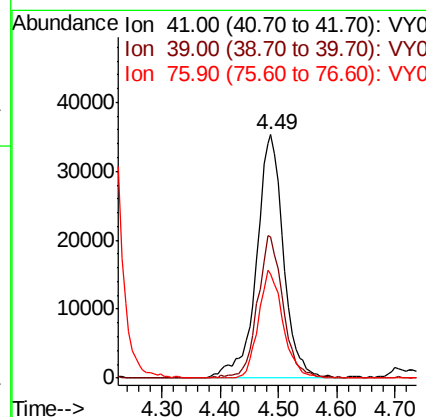
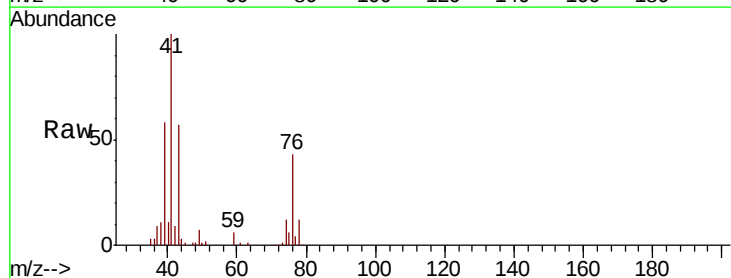
Tgt Ion: 41 Resp: 113359

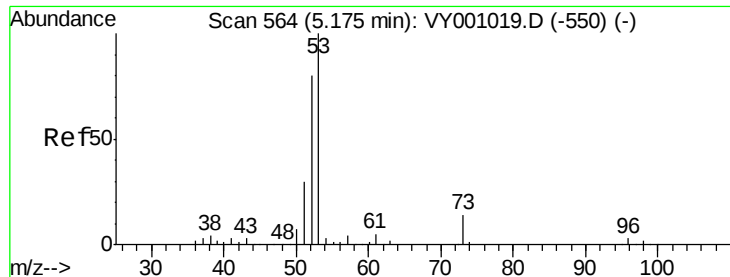
Ion Ratio Lower Upper

41 100

39 55.4 46.0 69.0

76 40.4 32.6 48.8





#15

Acrylonitrile

Concen: 98.323 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

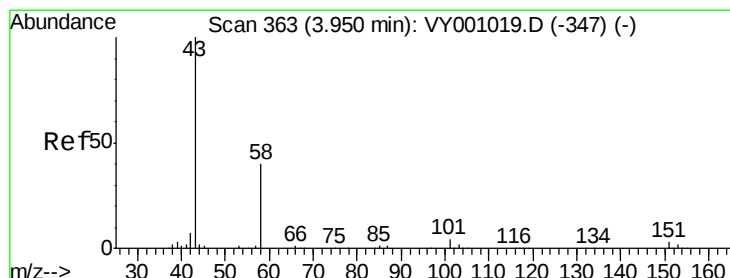
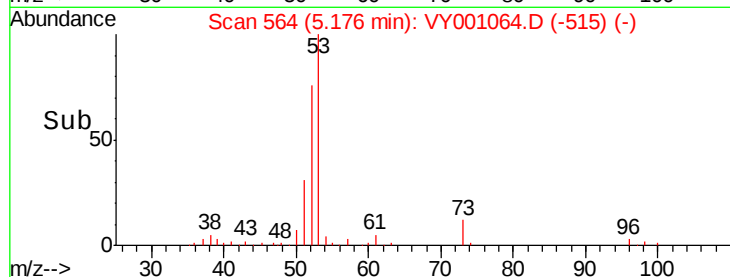
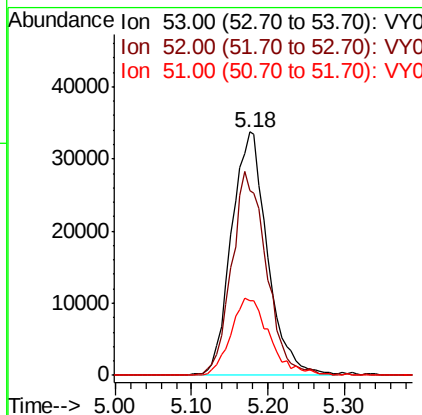
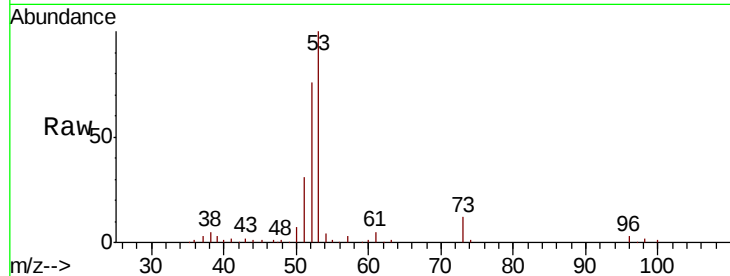
ClientSampleId :

VY1226SBS01

Tot Ion	53	Resp	109985
Ion Ratio	Lower	Upper	
53	100		
52	81.0	63.6	95.4
51	33.9	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 104.922 ug/l

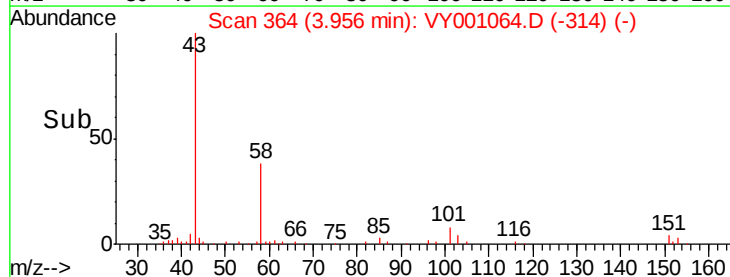
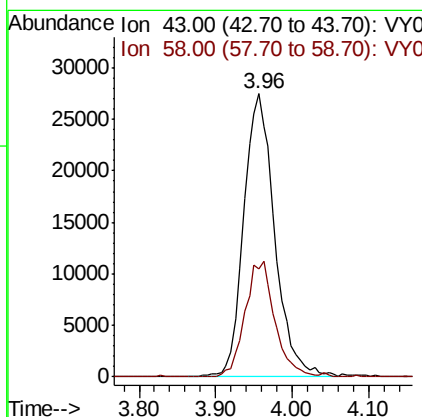
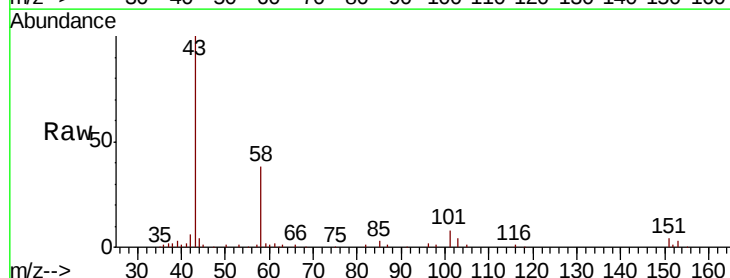
RT: 3.96 min Scan# 364

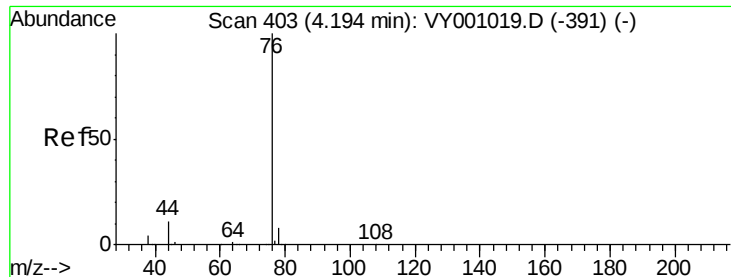
Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion	43	Resp	77380
Ion Ratio	Lower	Upper	
43	100		
58	38.2	32.1	48.1





#17

Carbon Disulfide

Concen: 20.139 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 76 Resp: 239966

Ion Ratio Lower Upper

76 100

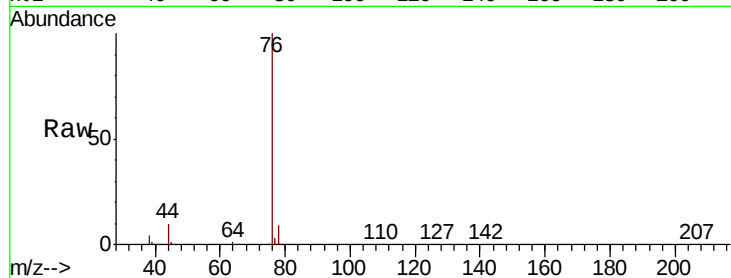
78 9.0 6.7 10.1

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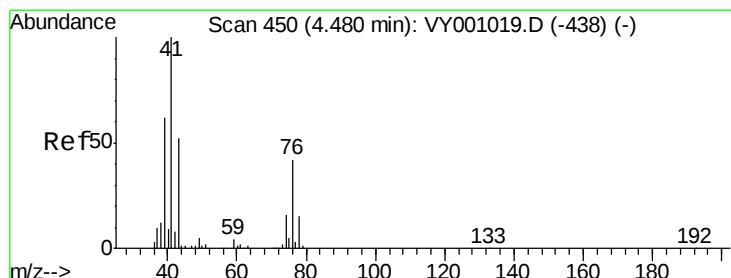
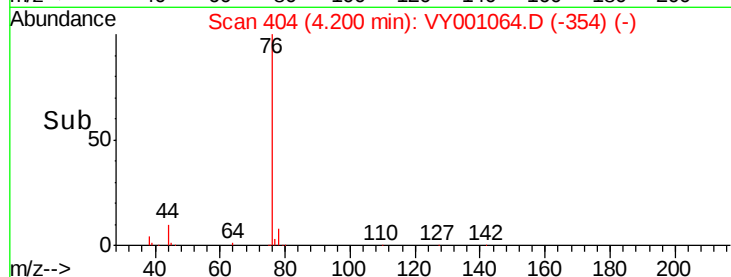
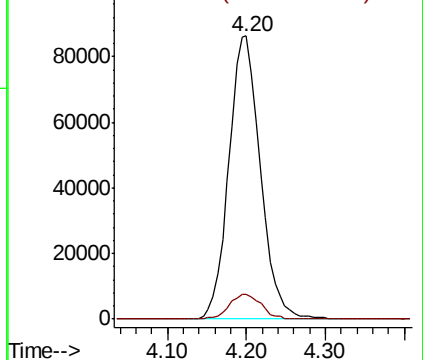
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.748 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001064.D

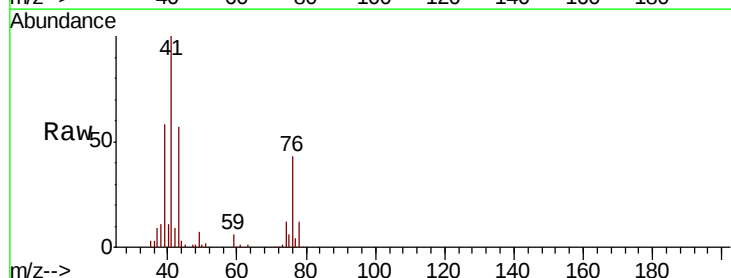
Acq: 26 Dec 2019 12:18

Tgt Ion: 43 Resp: 55876

Ion Ratio Lower Upper

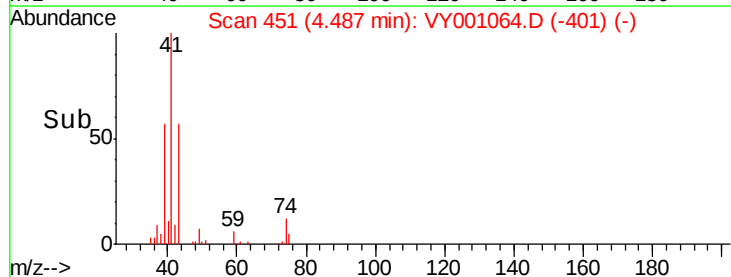
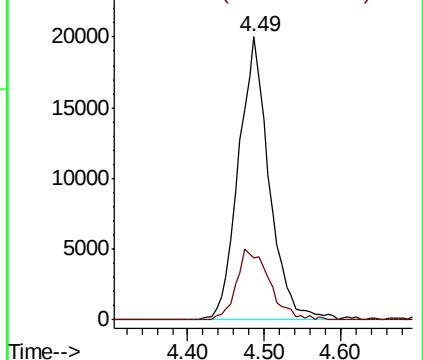
43 100

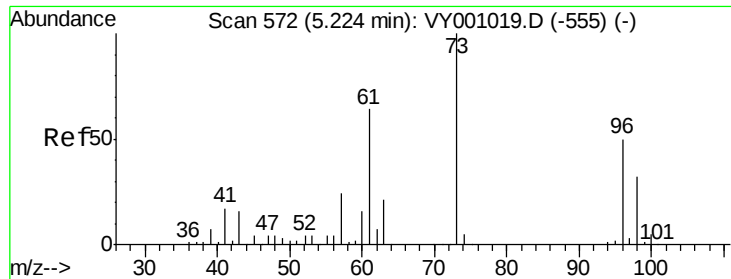
74 26.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





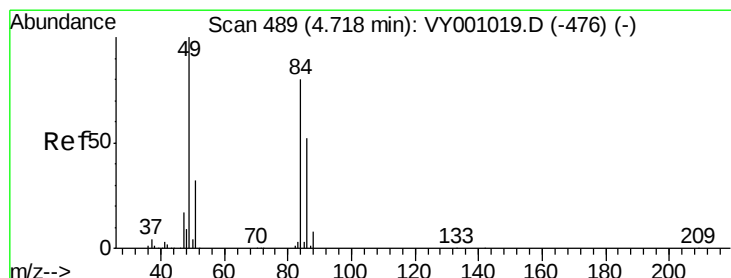
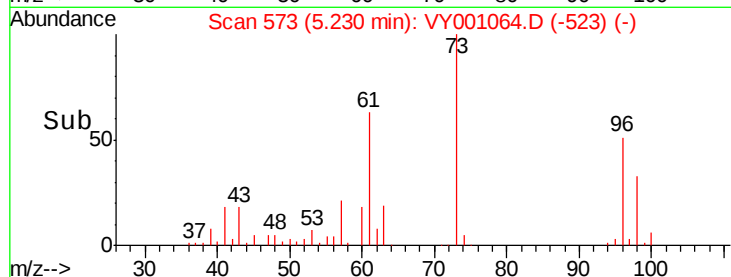
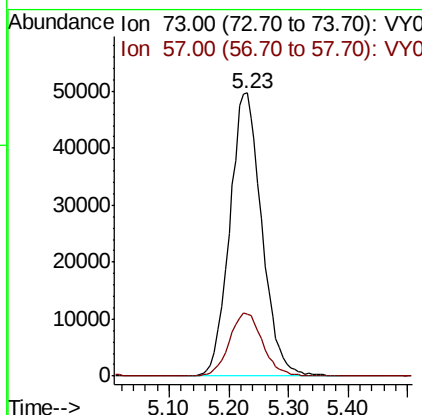
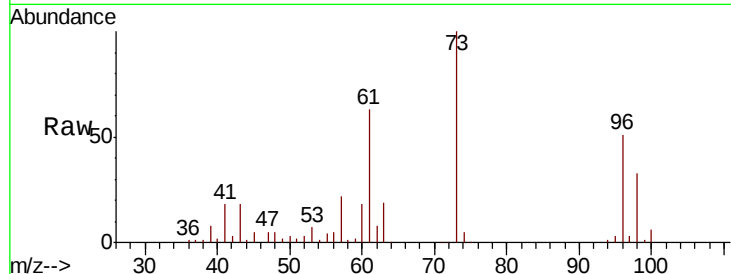
#19
Methvl tert-butvl Ether
Concen: 19.683 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion: 73 Resp: 185253
Ion Ratio Lower Upper
73 100
57 21.7 19.0 28.6

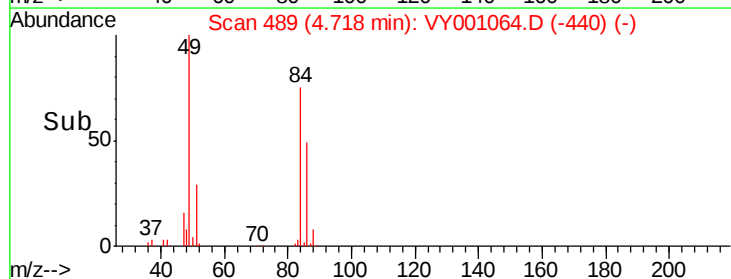
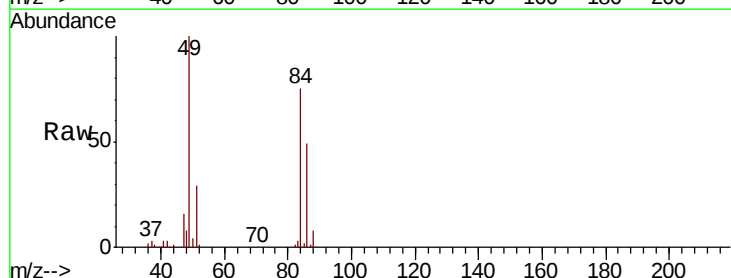
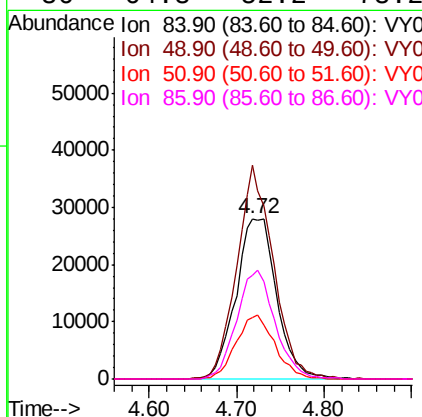
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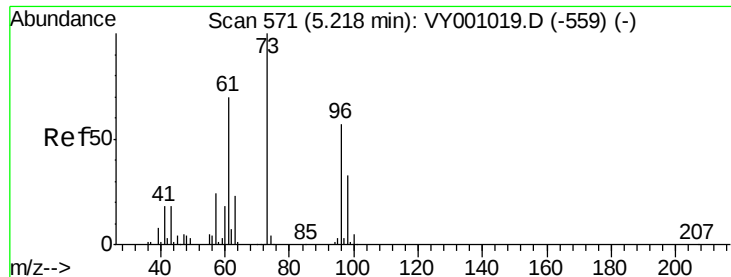
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#20
Methylene Chloride
Concen: 20.849 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion: 84 Resp: 90504
Ion Ratio Lower Upper
84 100
49 133.0 99.8 149.6
51 38.6 31.4 47.2
86 64.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.778 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

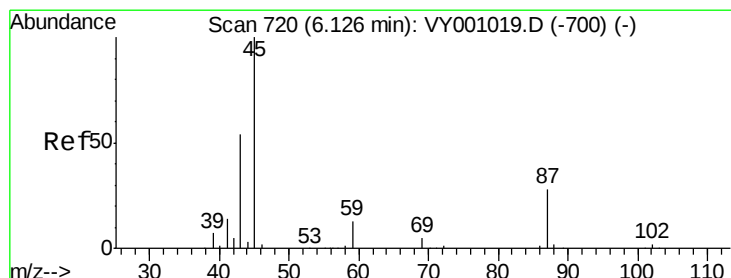
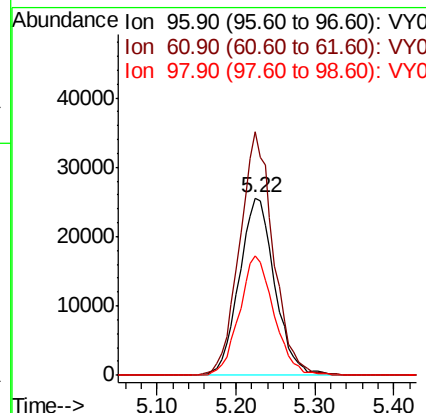
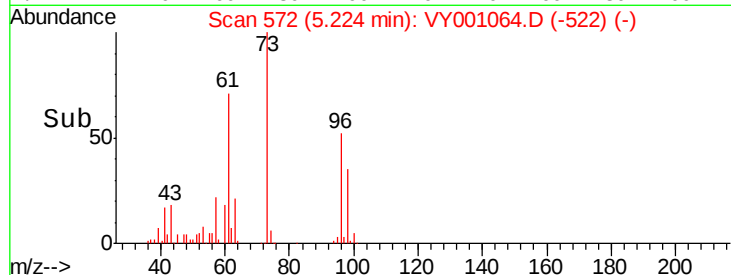
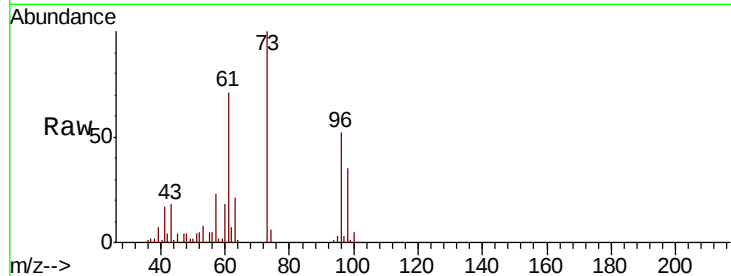
ClientSampleId :

VY1226SBS01

Tot Ion:	96	Resp:	79927
Ion	Ratio	Lower	Upper
96	100		
61	137.1	98.1	147.1
98	67.1	47.2	70.8

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#22

Diisopropyl ether

Concen: 20.162 ug/l

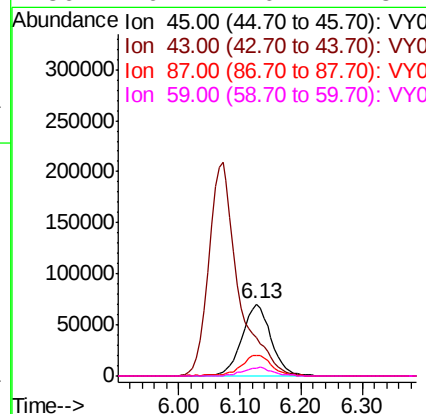
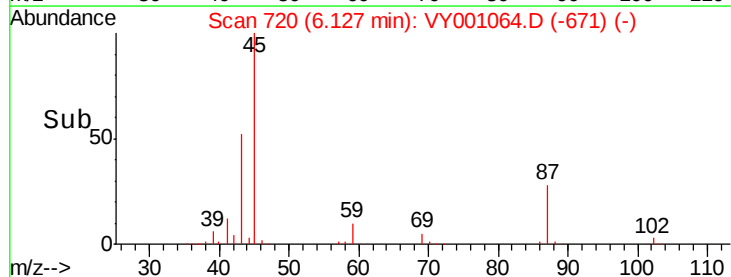
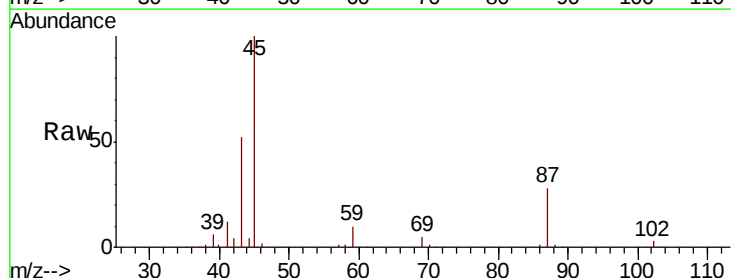
RT: 6.13 min Scan# 720

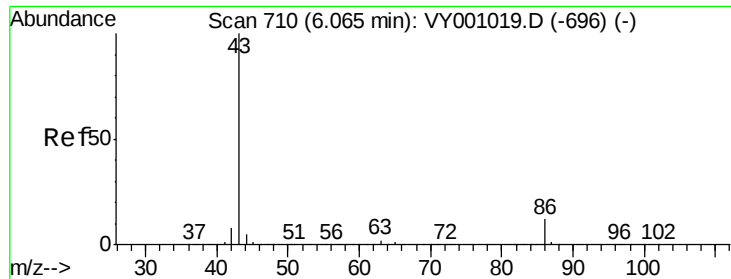
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	45	Resp:	230860
Ion	Ratio	Lower	Upper
45	100		
43	52.4	43.6	65.4
87	28.5	23.1	34.7
59	10.4	10.2	15.4





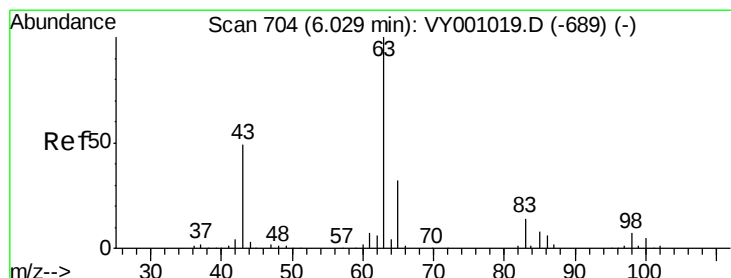
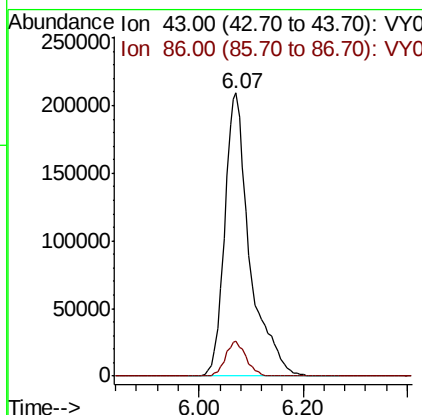
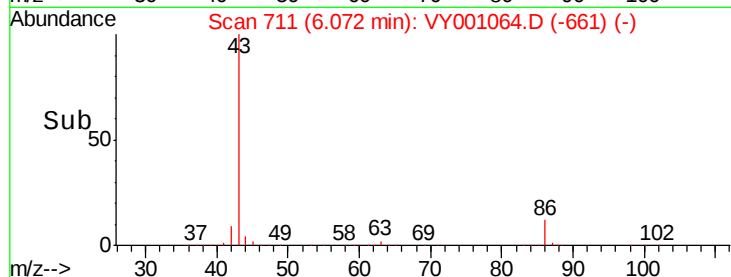
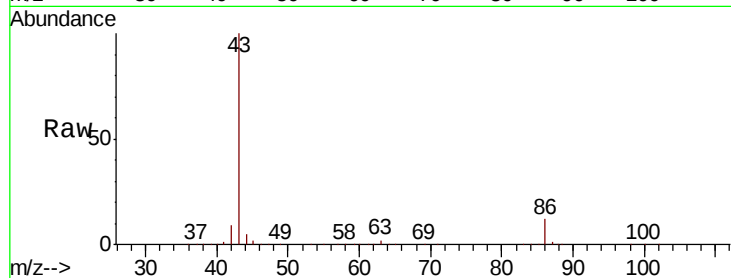
#23
 Vinyl Acetate
 Concen: 97.546 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.5	14.3

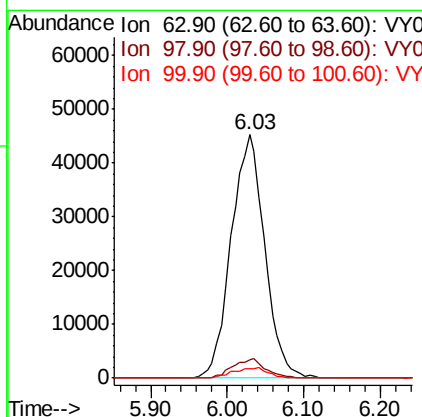
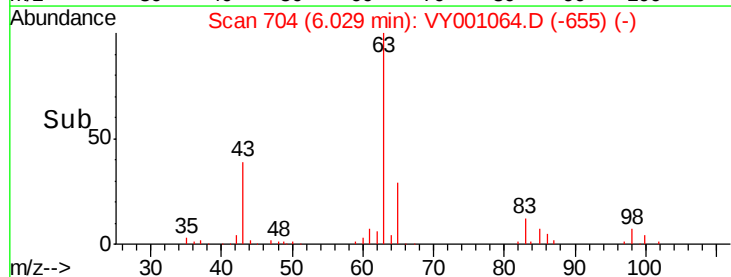
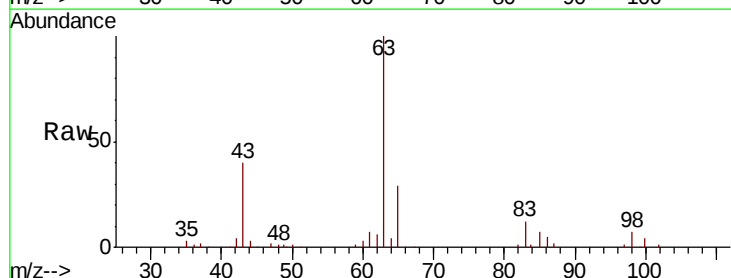
Manual Integrations
 APPROVED

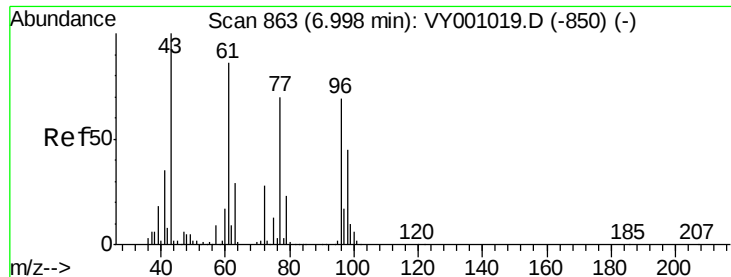
apatel
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#24
 1,1-Dichloroethane
 Concen: 20.310 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	3.8	2.5	7.5





#25

2-Butanone

Concen: 99.767 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 43 Resp: 129259

Ion Ratio Lower Upper

43 100

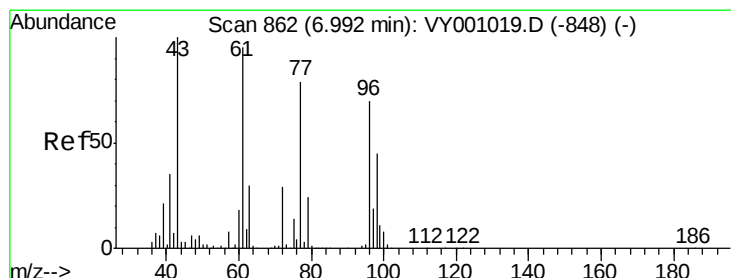
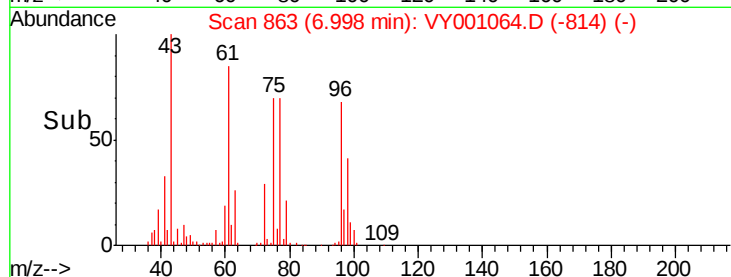
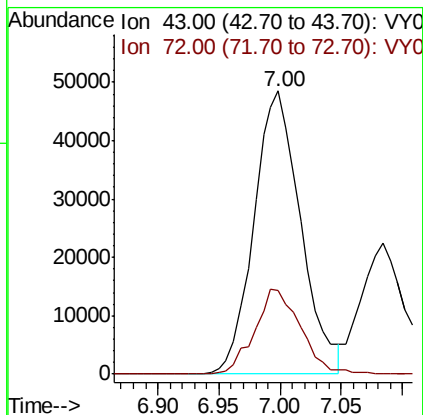
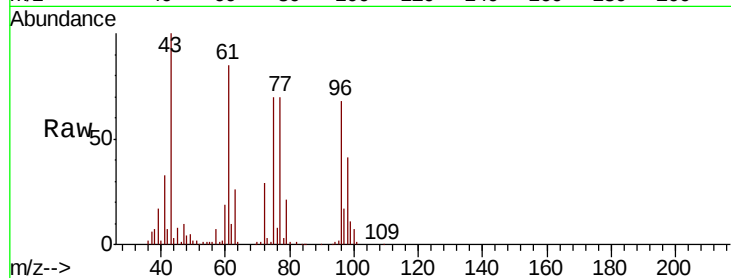
72 29.5 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.271 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001064.D

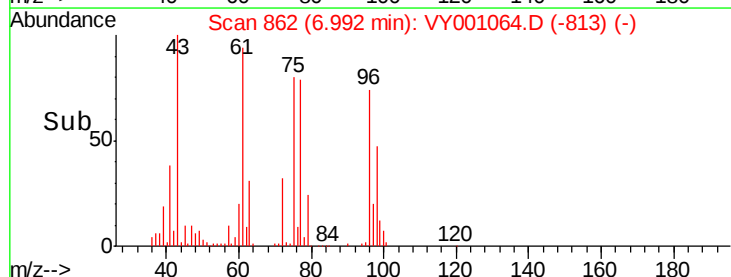
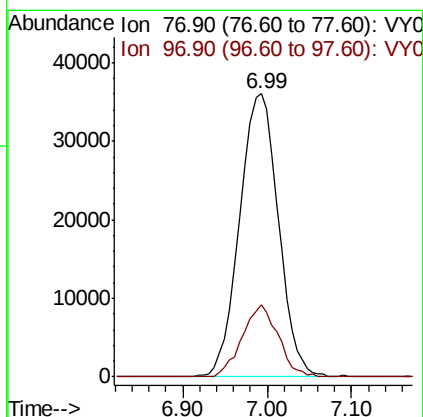
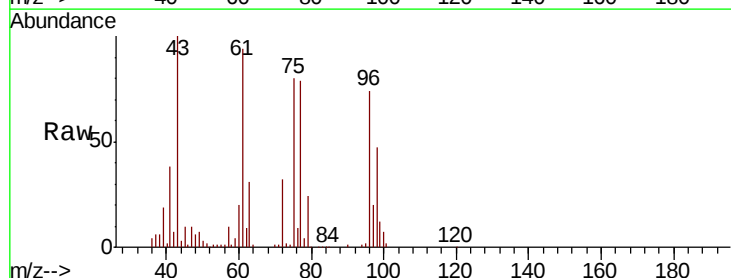
Acq: 26 Dec 2019 12:18

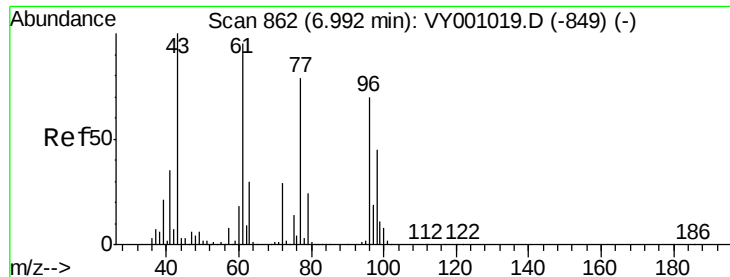
Tgt Ion: 77 Resp: 112693

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

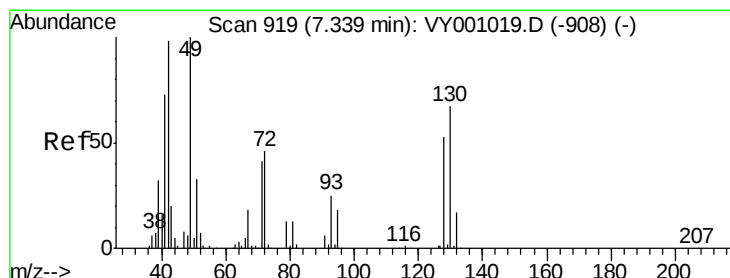
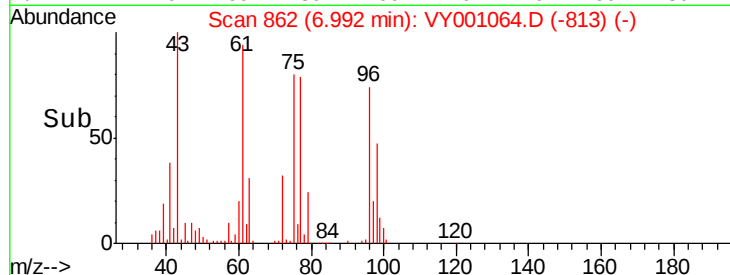
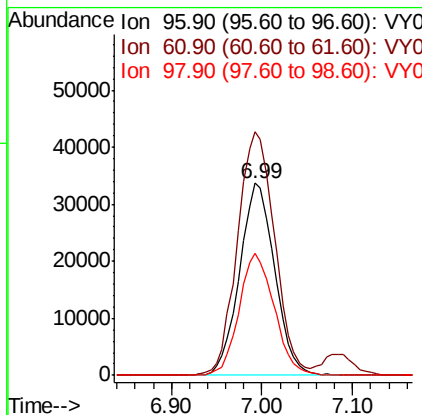
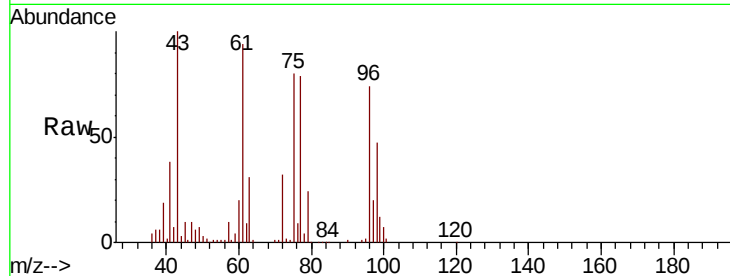
cis-1,2-Dichloroethene
 Concen: 20.367 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.2	0.0	268.2	
98	63.3	0.0	129.2	

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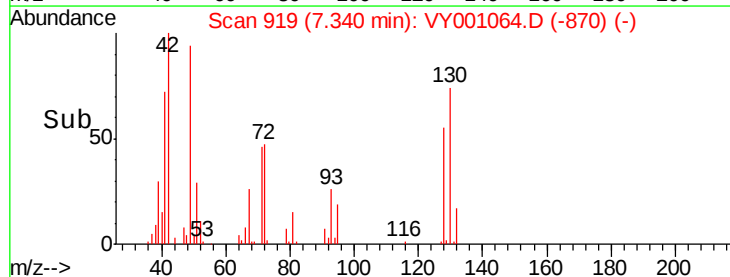
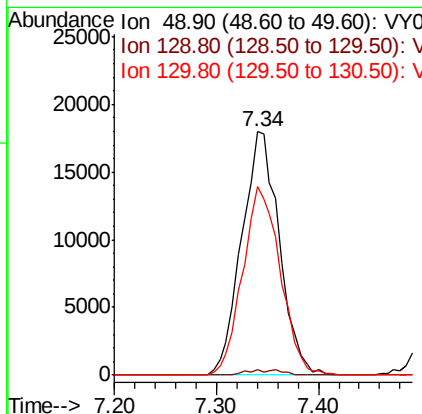
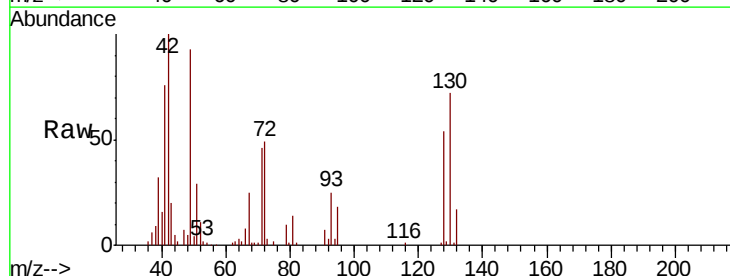
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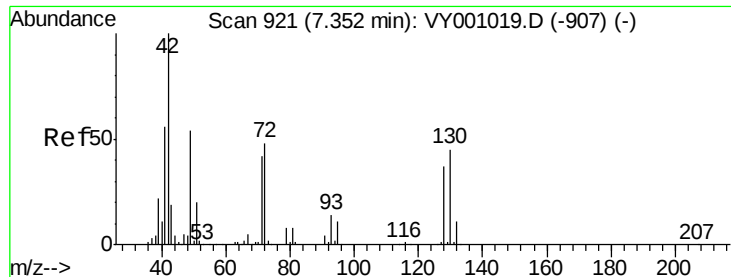


#28

Bromochloromethane
 Concen: 17.442 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	3.8	
130	77.4	60.4	90.6	





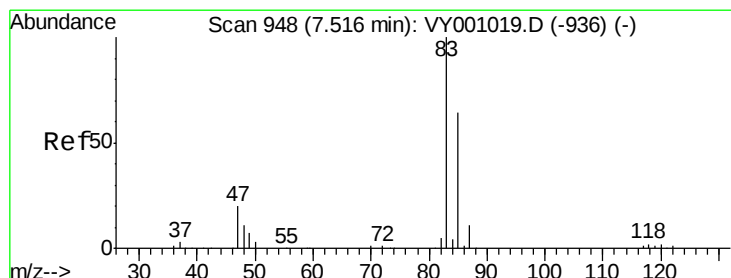
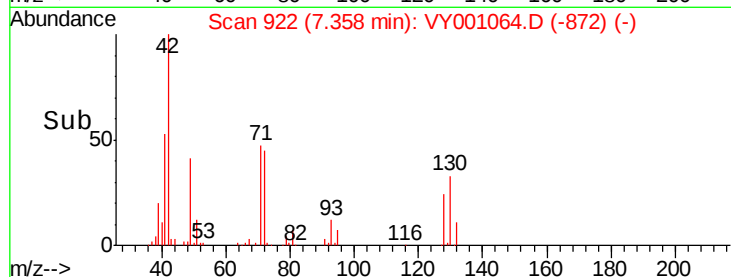
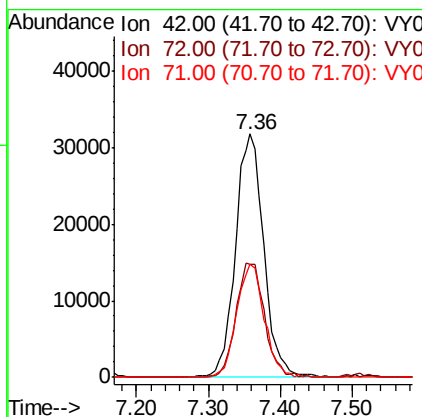
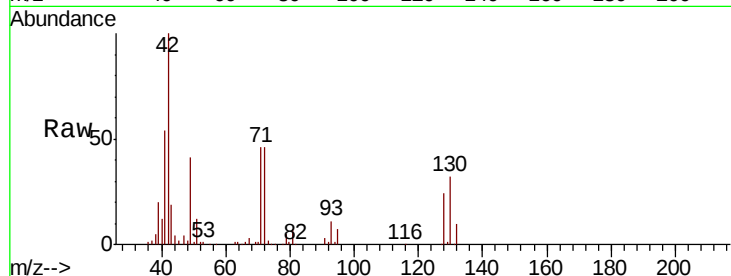
#29
Tetrahydrofuran
Concen: 93.756 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.7	56.5
71	45.9	34.6	51.8

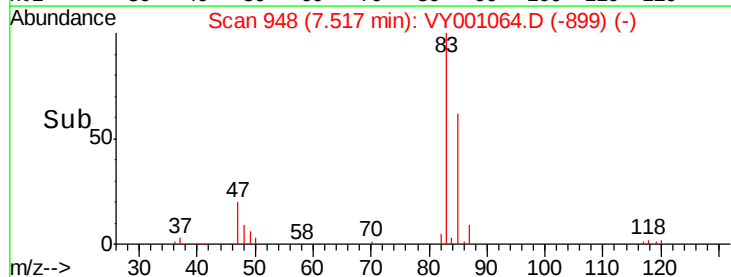
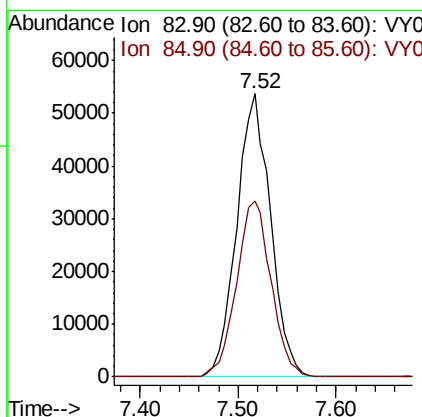
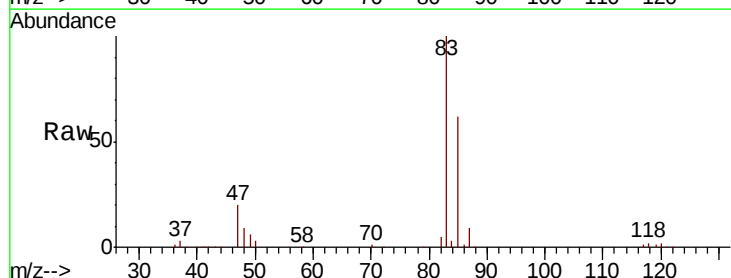
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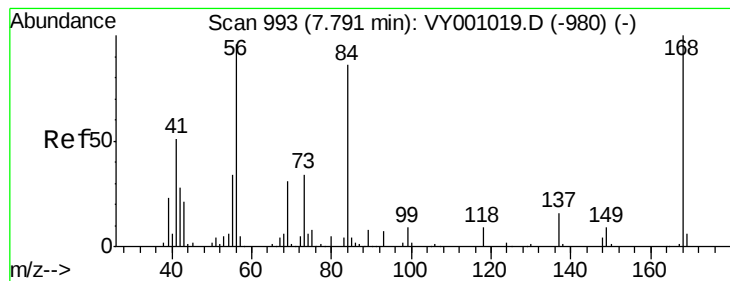
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#30
Chloroform
Concen: 20.106 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.6	77.4





#31

Cyclohexane

Concen: 19.628 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 56 Resp: 139659

Ion Ratio Lower Upper

56 100

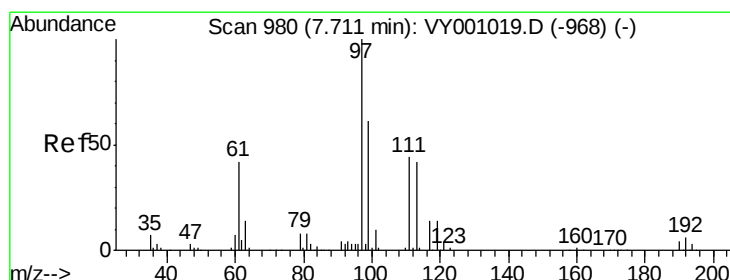
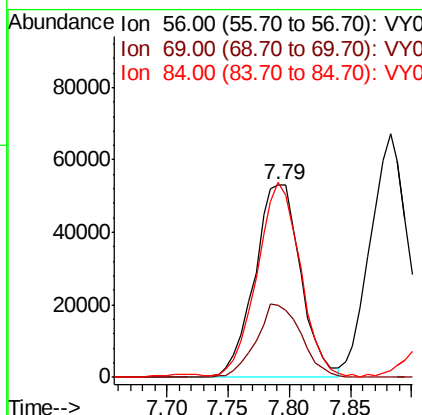
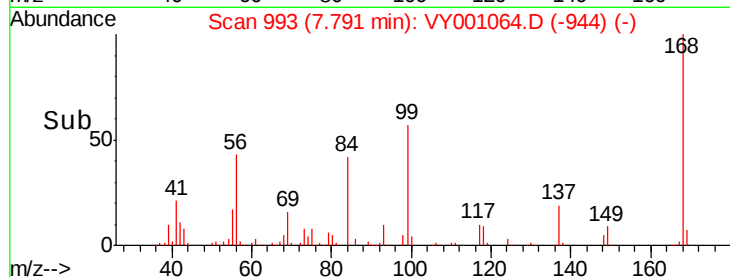
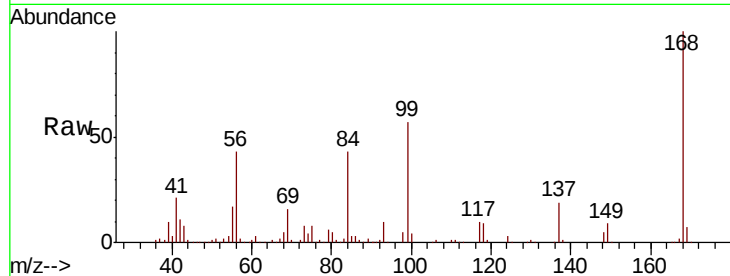
69 37.1 26.1 39.1

84 99.2 71.8 107.8

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#32

1,1,1-Trichloroethane

Concen: 19.970 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

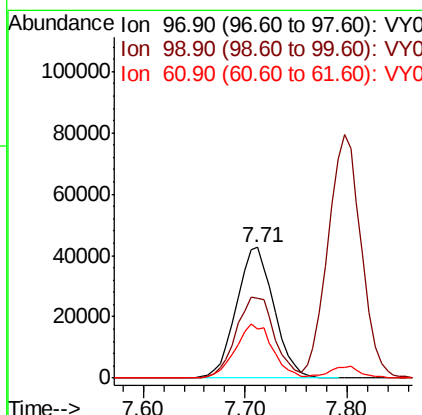
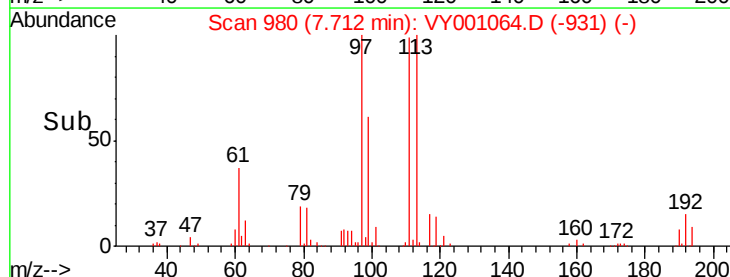
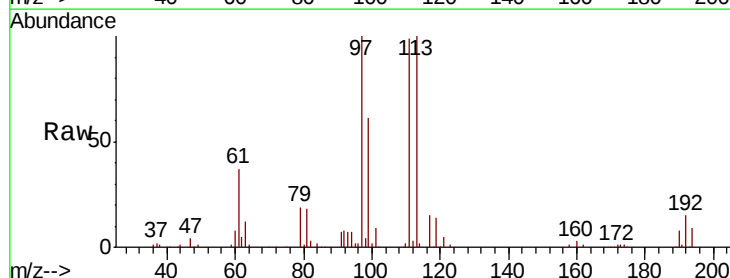
Tgt Ion: 97 Resp: 108993

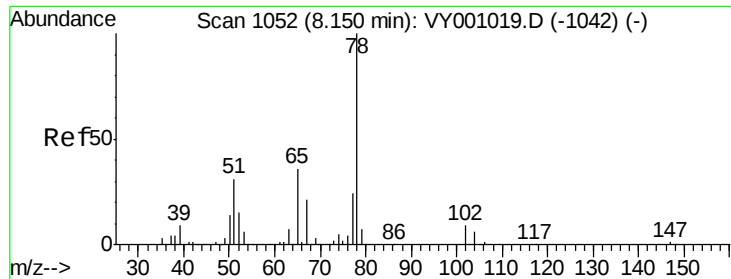
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 41.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.494 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 65 Resp: 148842

Ion Ratio Lower Upper

65 100

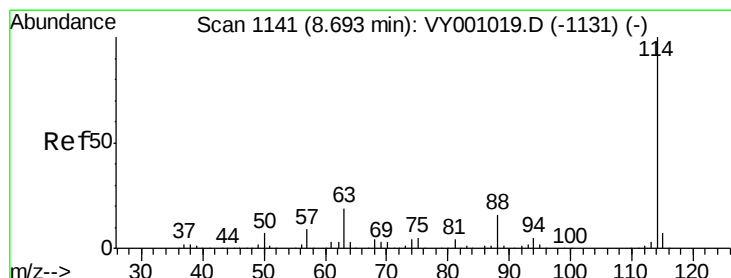
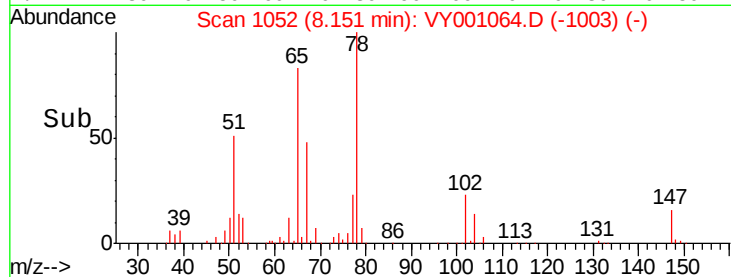
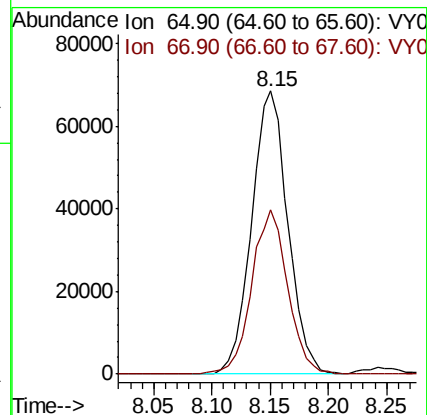
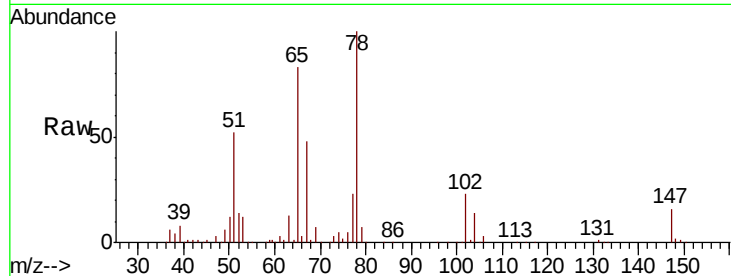
67 57.7 0.0 112.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

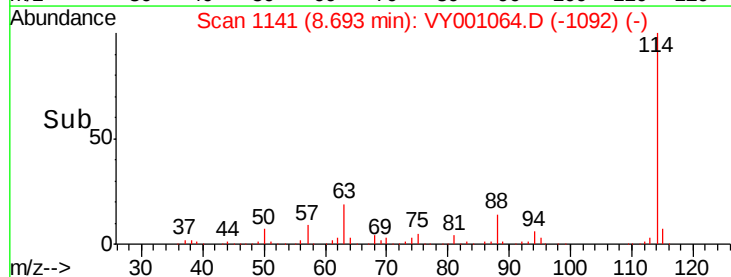
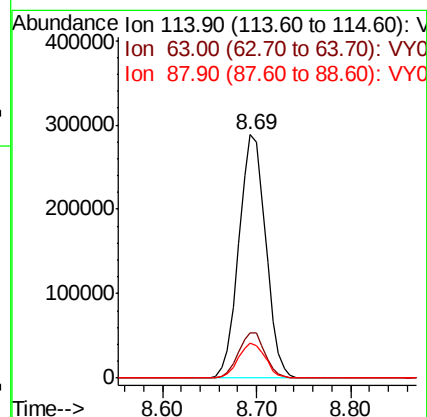
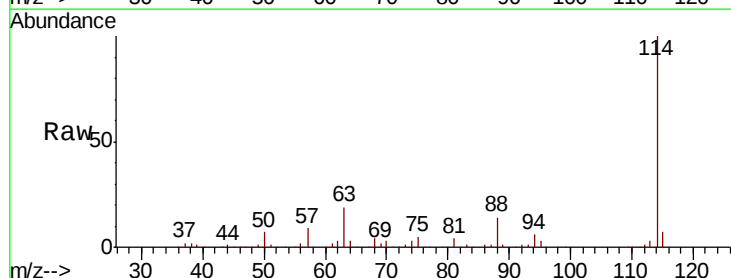
Tgt Ion: 114 Resp: 573243

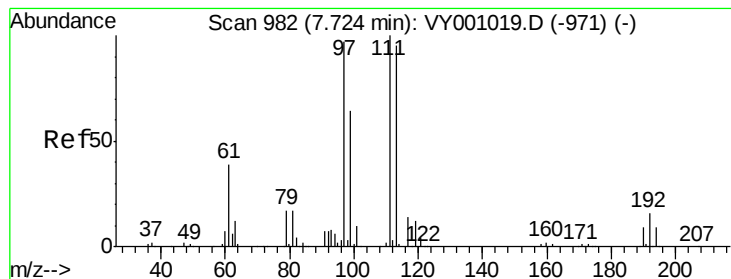
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

88 14.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.523 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

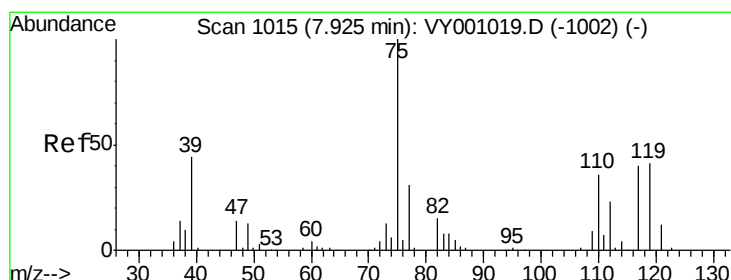
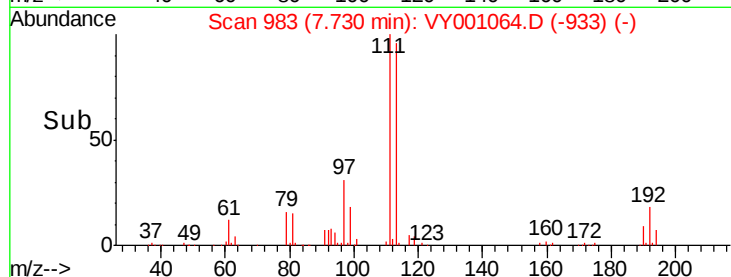
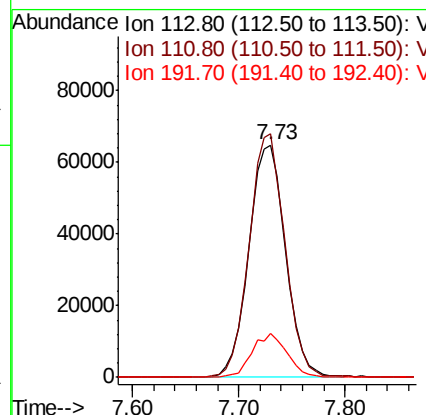
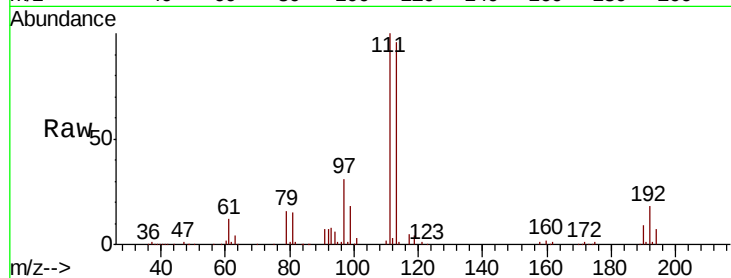
ClientSampleId :

VY1226SBS01

Tot Ion:	113	Resp:	157042
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.0	124.4
192	18.0	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 20.025 ug/l

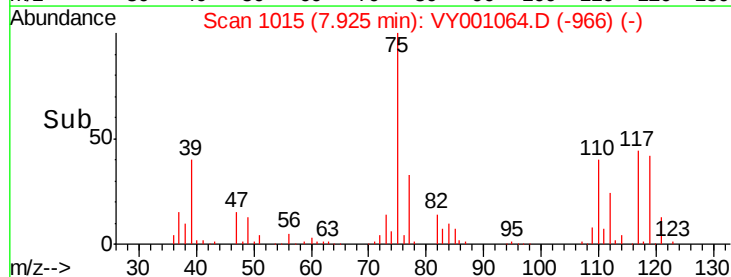
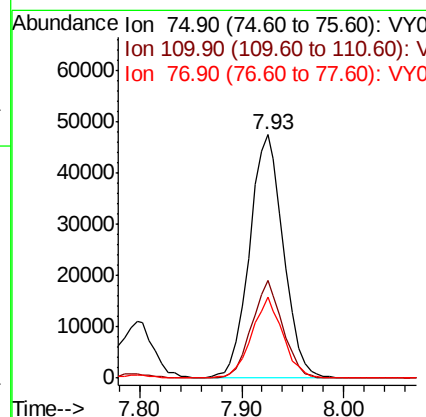
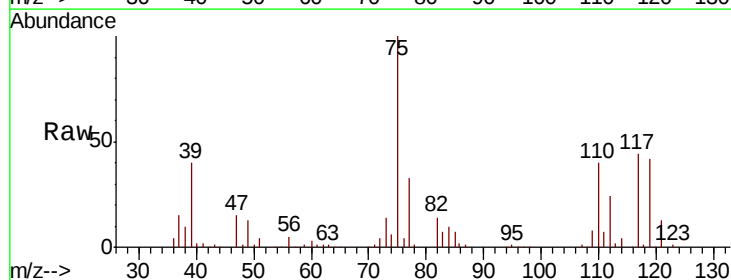
RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	75	Resp:	109509
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.4
77	30.9	24.6	37.0





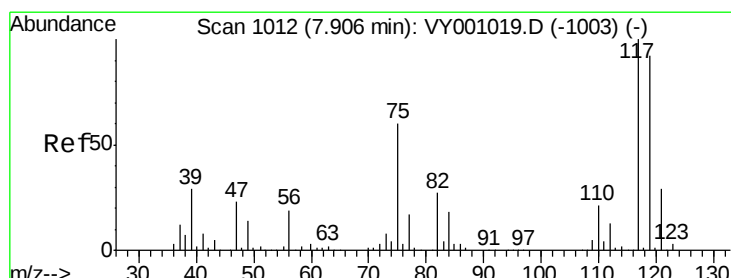
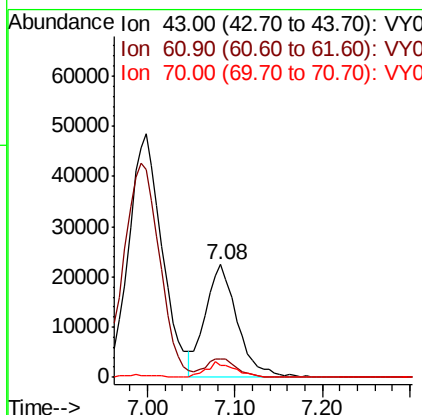
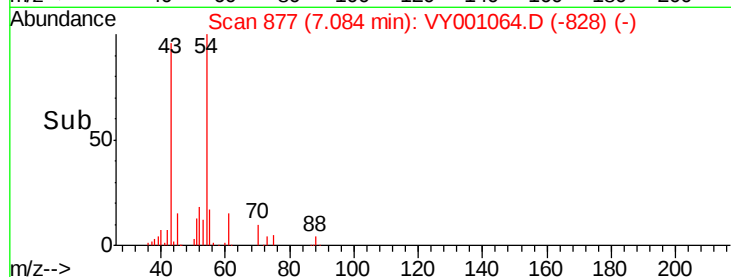
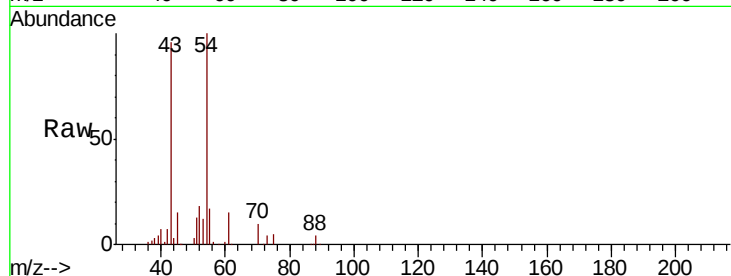
#37
Ethyl Acetate
Concen: 19.033 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.5	18.7
70	11.9	9.0	13.4

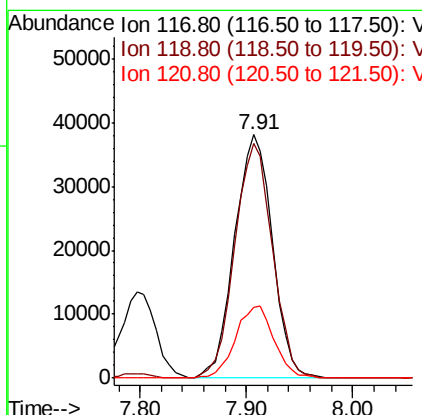
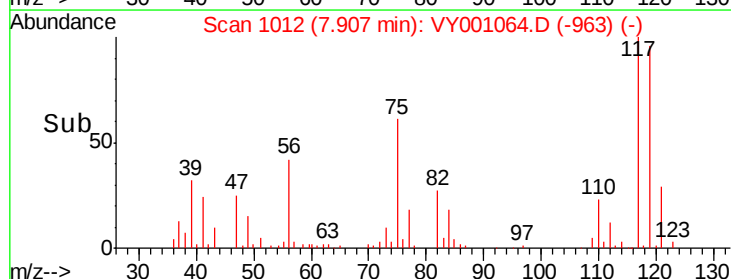
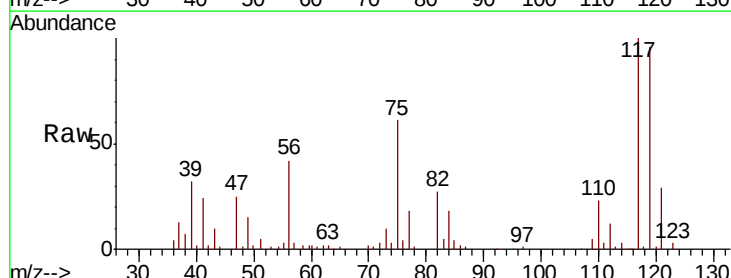
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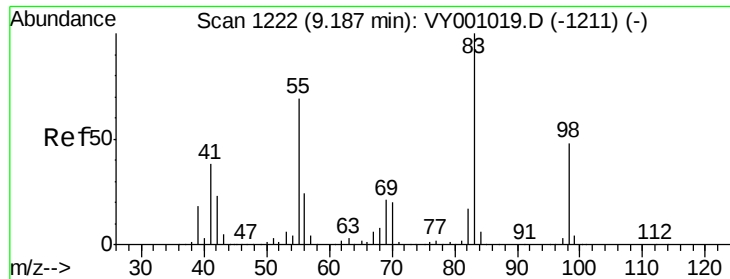
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#38
Carbon Tetrachloride
Concen: 19.828 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.2	111.2
121	29.3	22.9	34.3





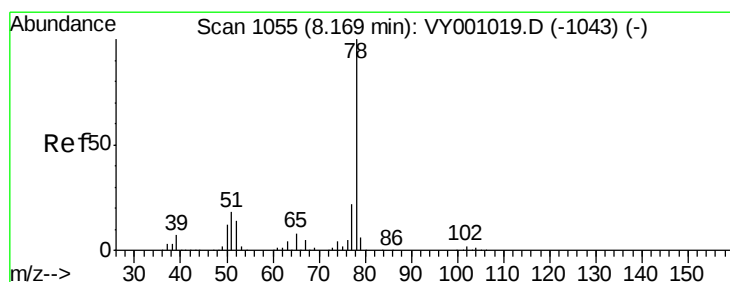
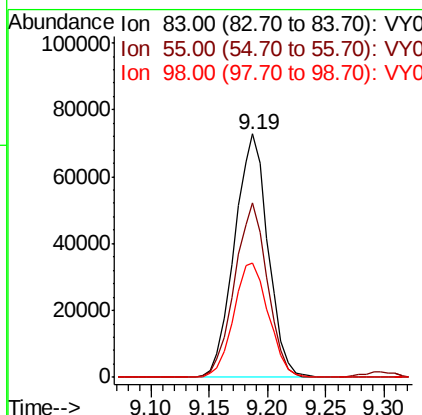
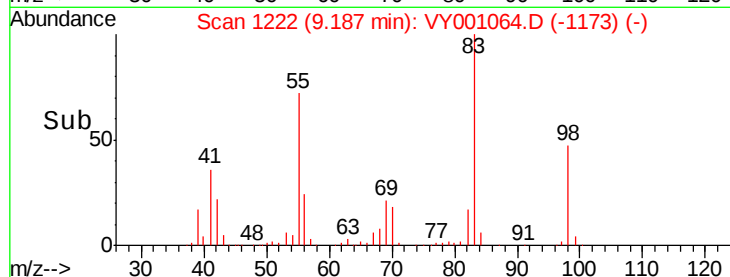
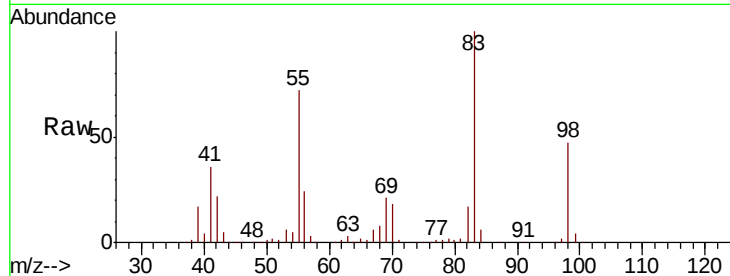
#39
Methvlcvclohexane
Concen: 20.036 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	55.1	82.7
98	47.0	38.3	57.5

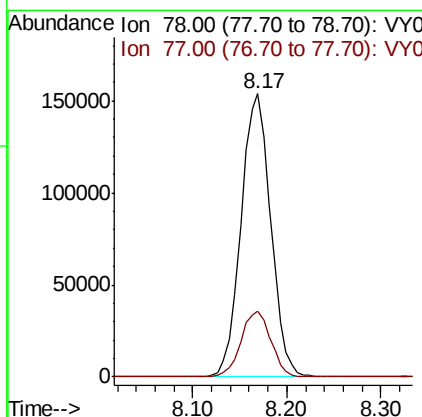
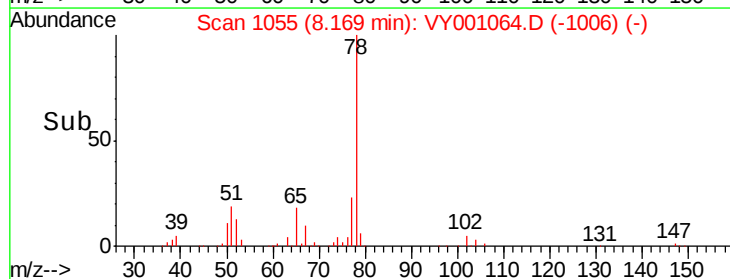
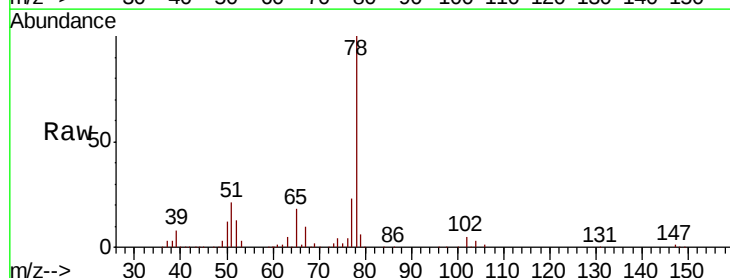
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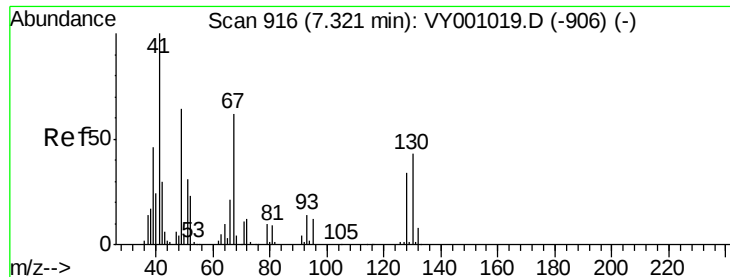
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#40
Benzene
Concen: 20.382 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.7	26.5





#41

Methacrylonitrile

Concen: 20.661 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 41 Resp: 27124

Ion Ratio Lower Upper

41 100

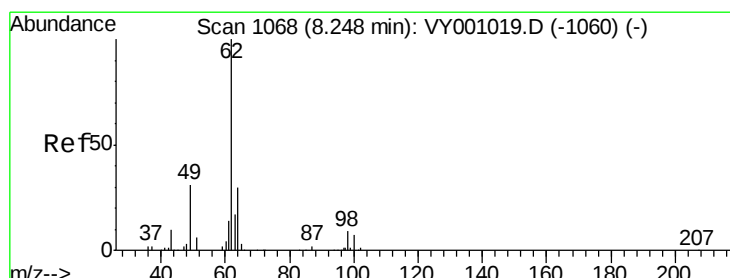
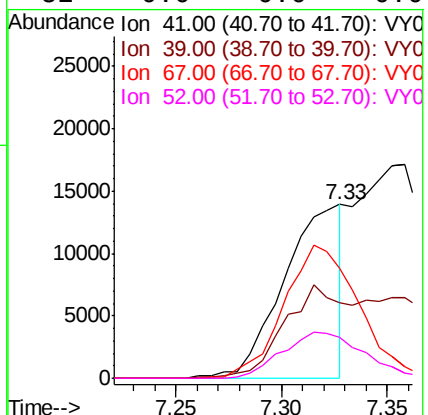
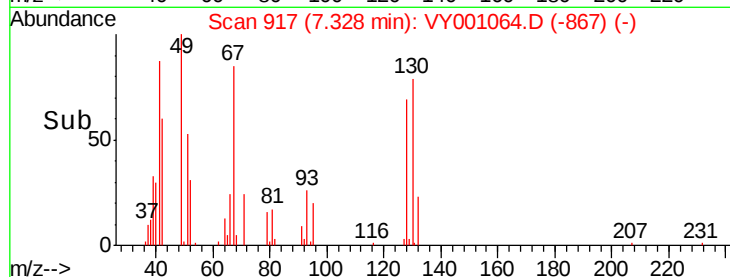
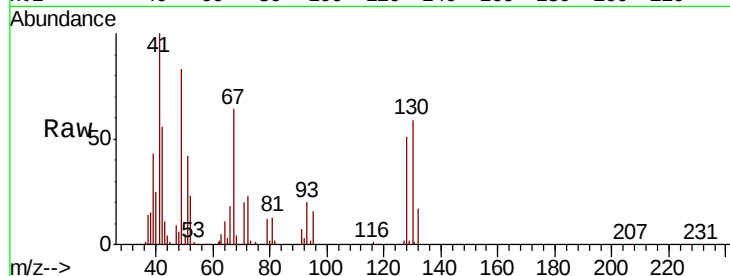
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 19.494 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001064.D

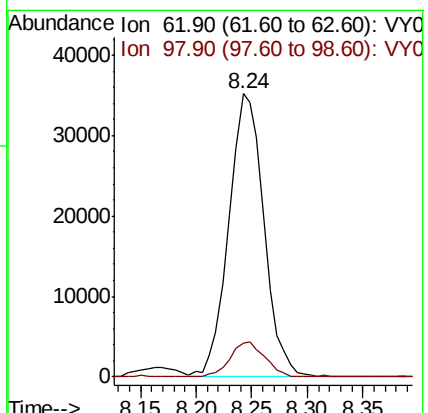
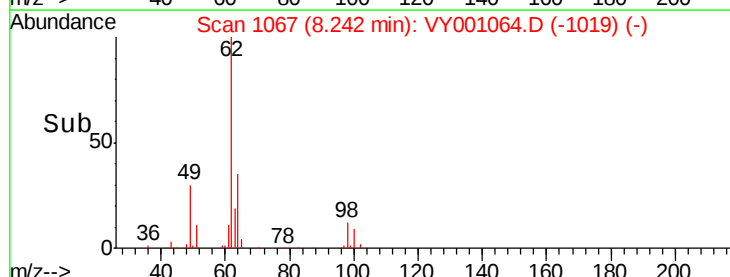
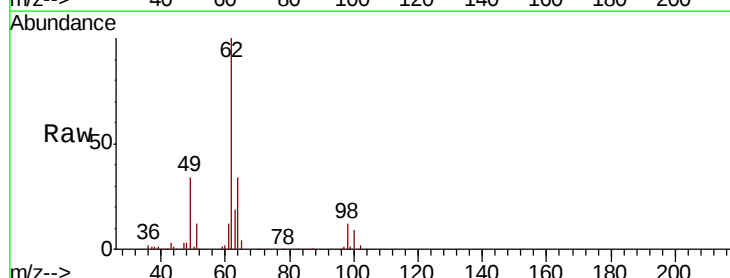
Acq: 26 Dec 2019 12:18

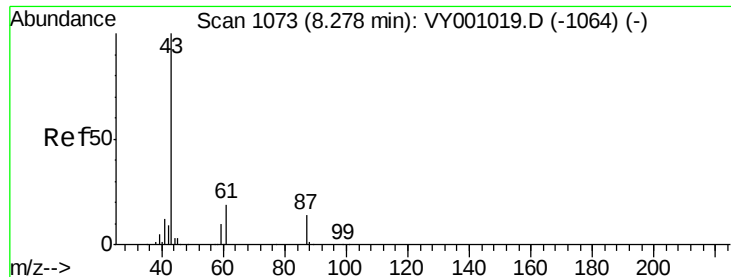
Tgt Ion: 62 Resp: 76895

Ion Ratio Lower Upper

62 100

98 12.2 0.0 23.4





#43

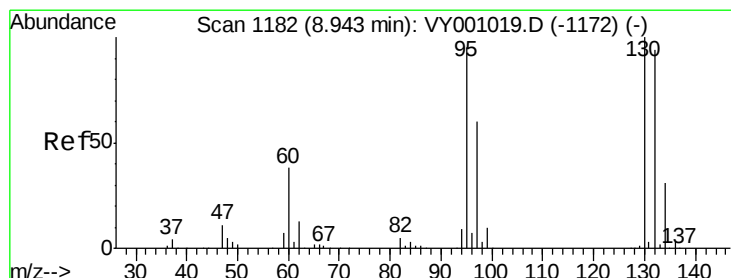
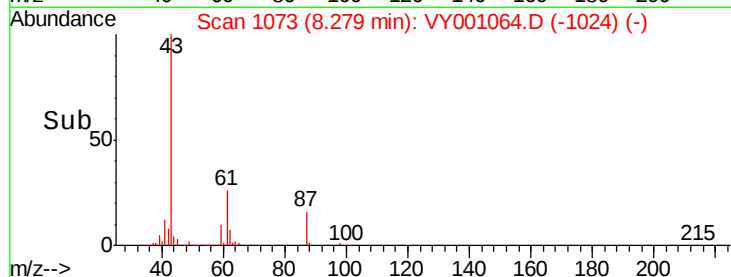
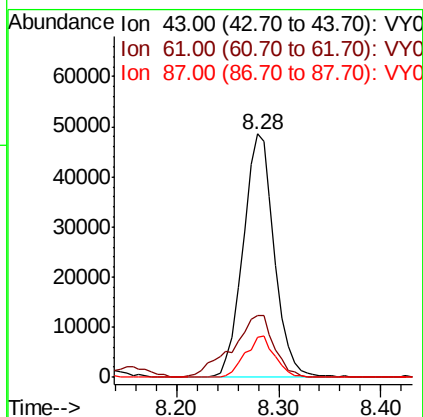
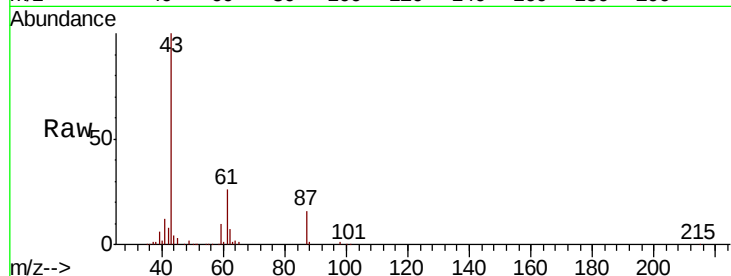
Isopropyl Acetate
 Concen: 18.384 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.1	25.0	37.6
87	15.9	12.0	18.0

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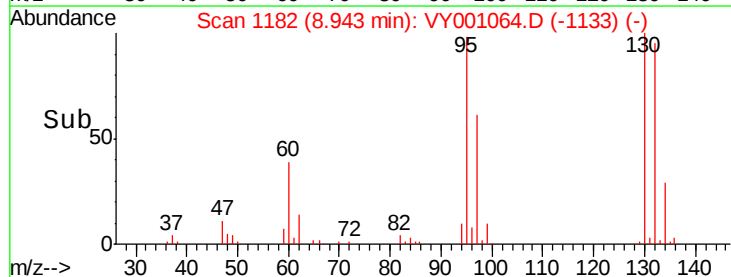
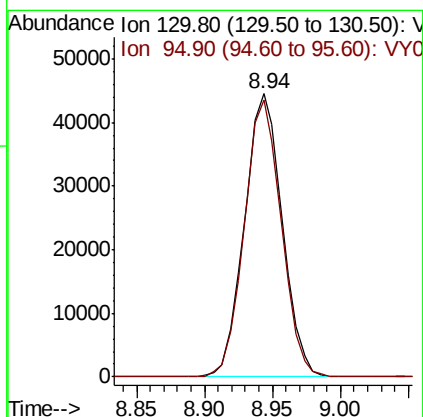
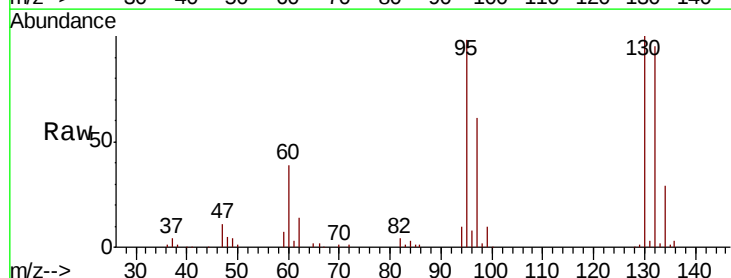
apatel
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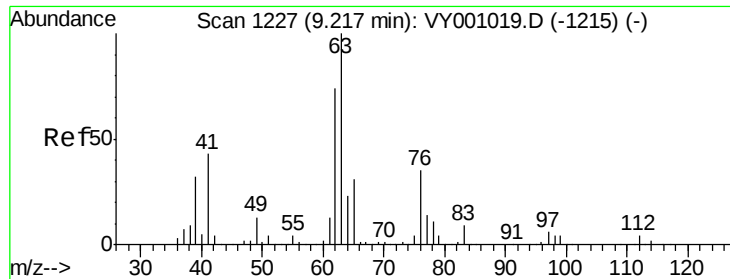


#44

Trichloroethene
 Concen: 19.911 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	190.6





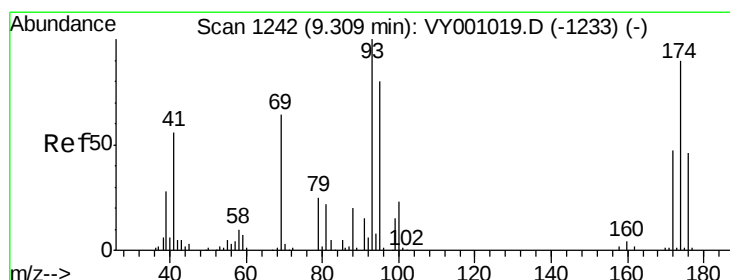
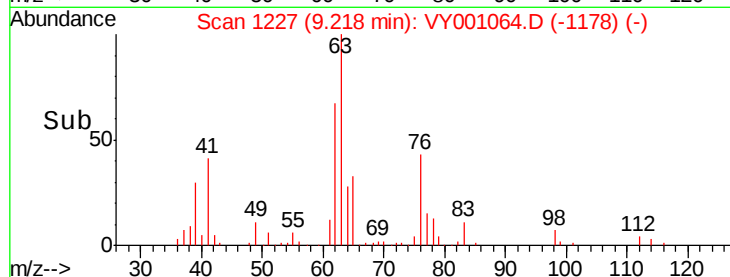
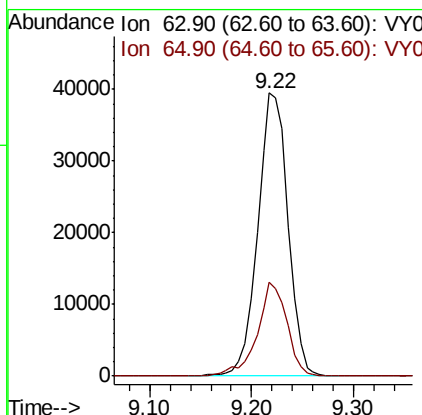
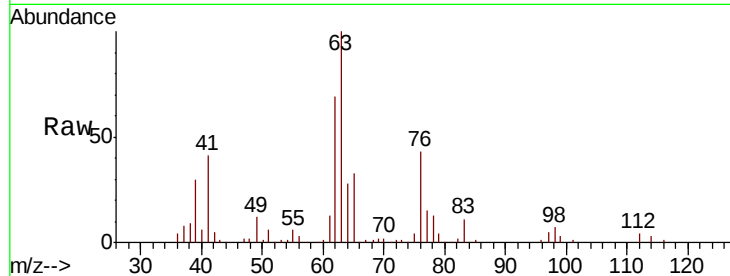
#45
 1,2-Dichloropropane
 Concen: 19.619 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion: 63 Resp: 81200
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.1 37.7

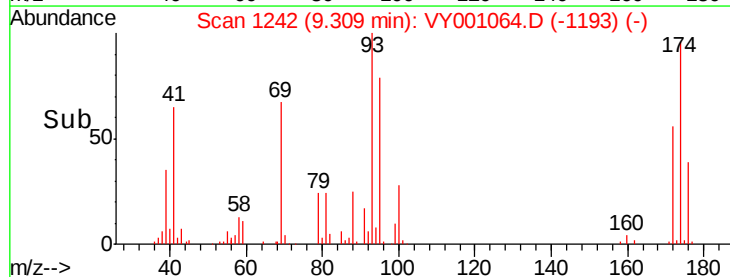
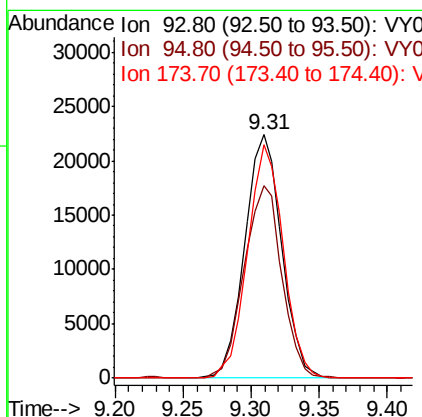
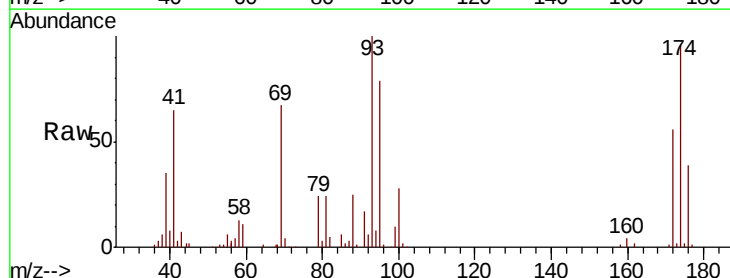
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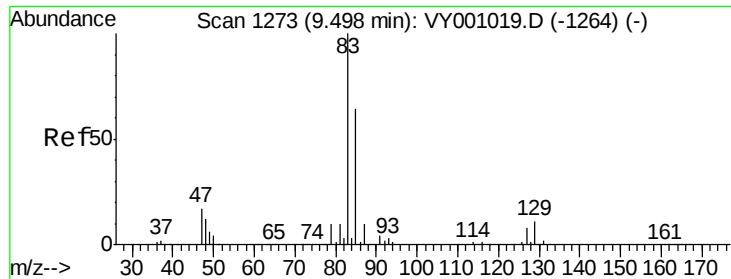
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#46
 Dibromomethane
 Concen: 19.931 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion: 93 Resp: 42524
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.7 100.1
 174 92.7 73.6 110.4





#47

Bromodichloromethane

Concen: 19.574 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

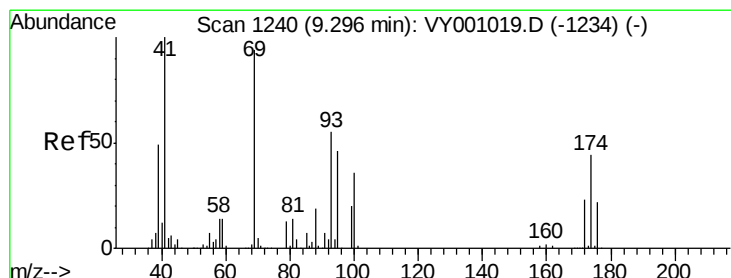
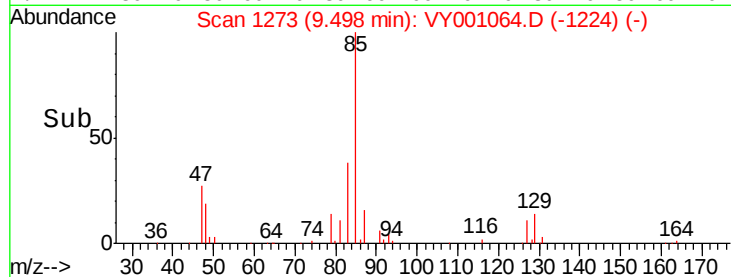
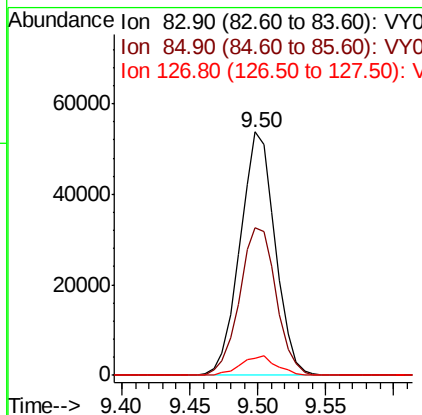
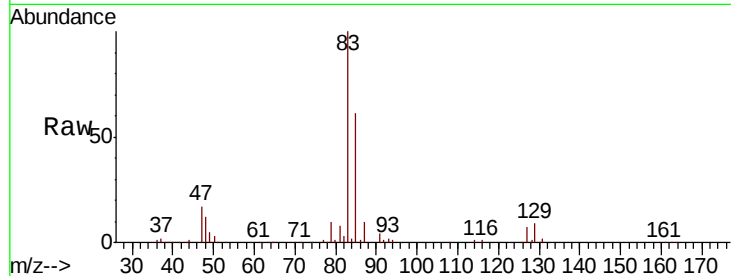
ClientSampleId :

VY1226SBS01

Tot Ion:	83	Resp:	96737
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.9	76.3
127	6.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.253 ug/l

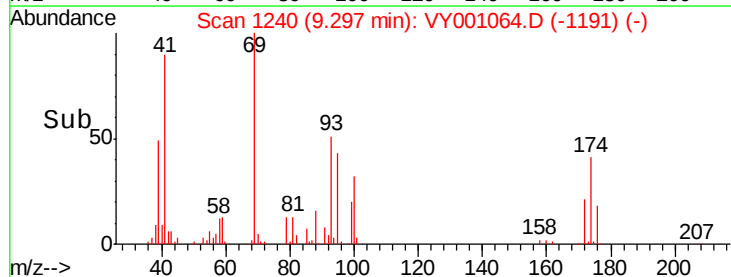
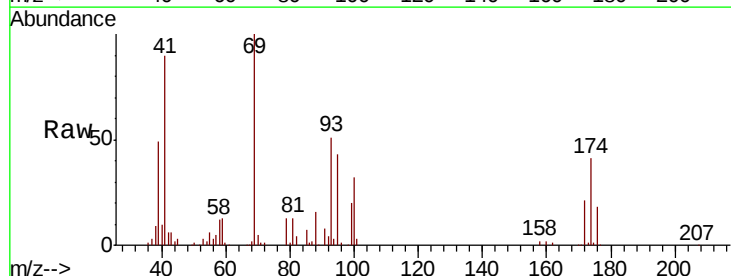
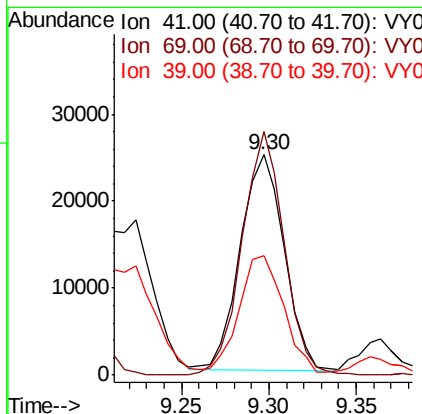
RT: 9.30 min Scan# 1240

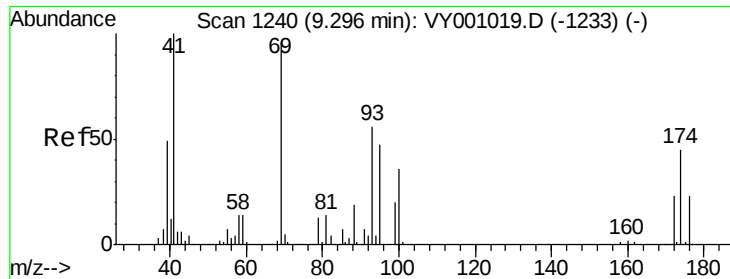
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	41	Resp:	43663
Ion	Ratio	Lower	Upper
41	100		
69	107.4	79.8	119.6
39	53.9	41.7	62.5





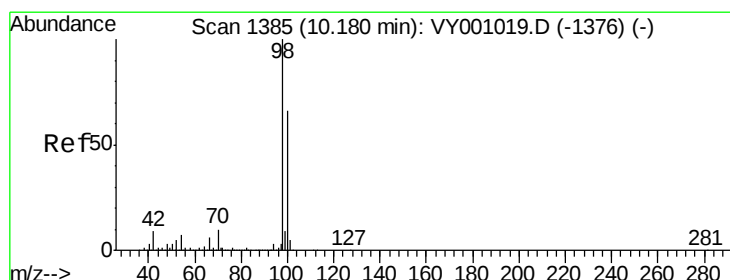
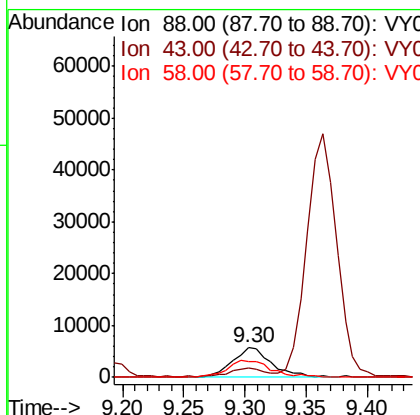
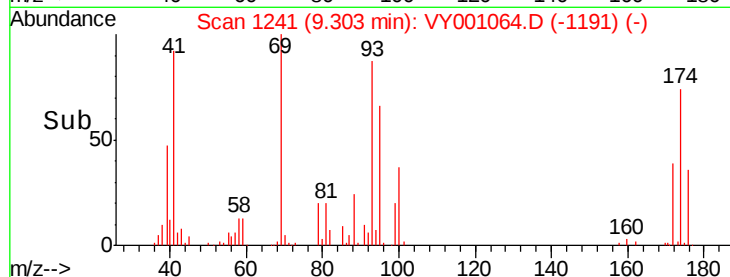
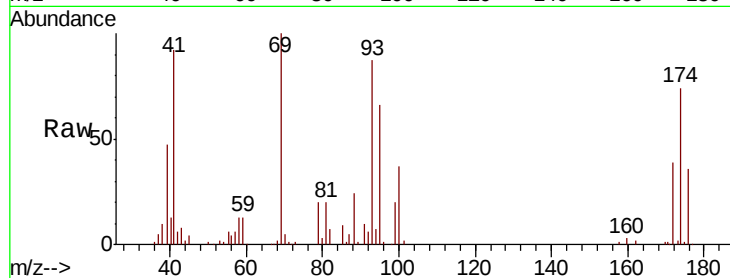
#49
1,4-Dioxane
Concen: 408.137 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.0	34.4
58	67.0	54.9	82.3

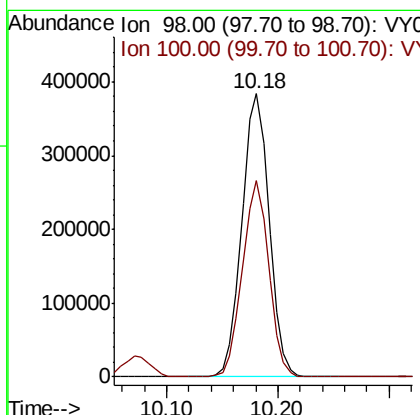
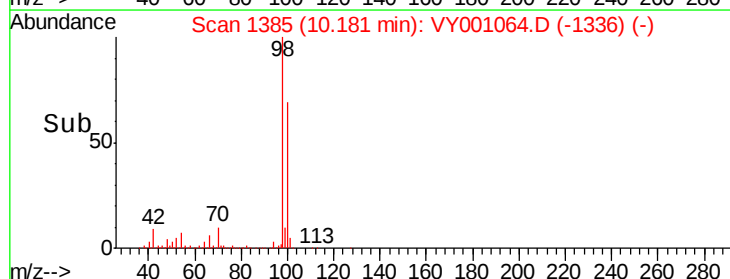
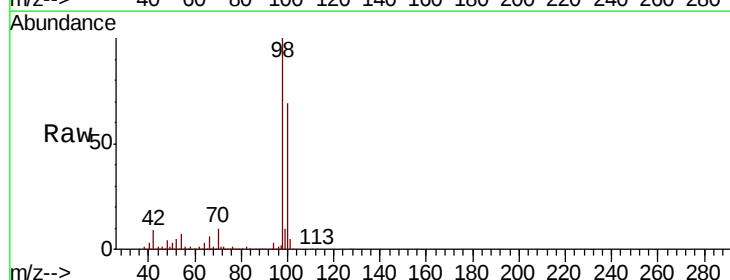
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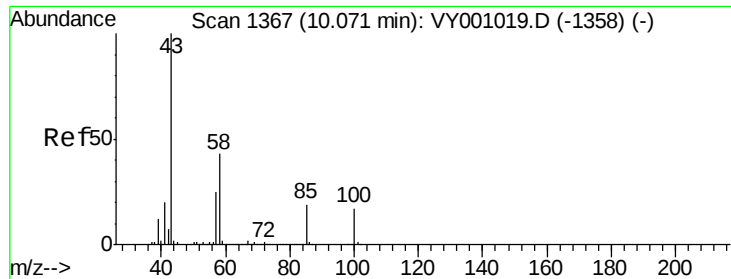
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#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 95.870 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 43 Resp: 280099

Ion Ratio Lower Upper

43 100

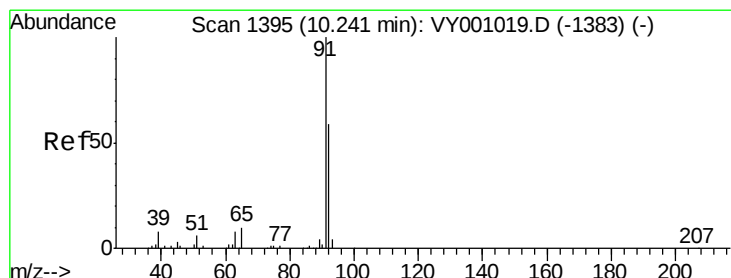
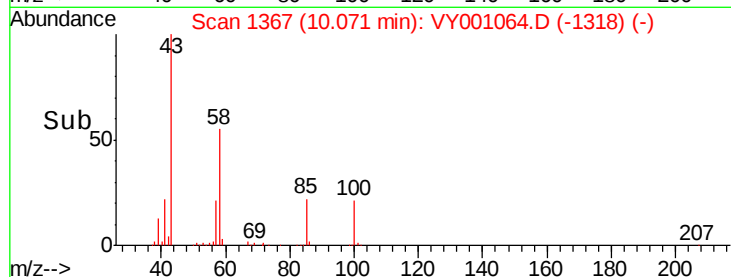
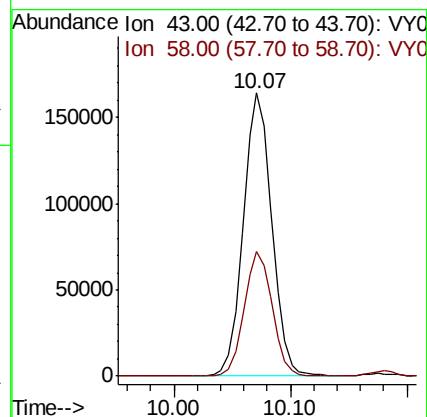
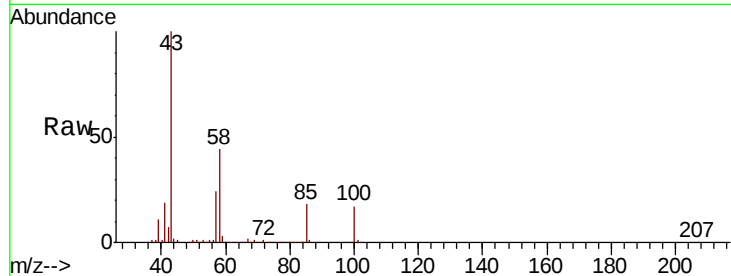
58 43.4 34.6 52.0

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#52

Toluene

Concen: 19.916 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001064.D

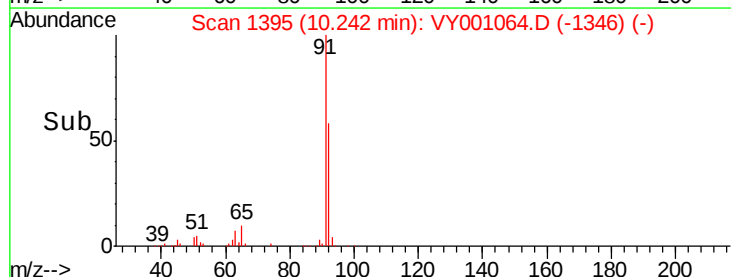
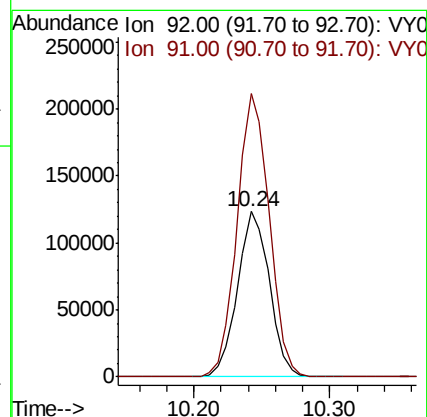
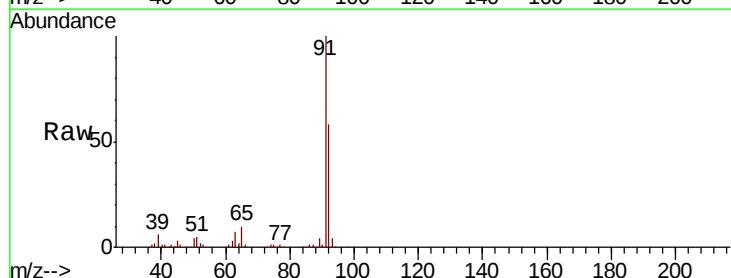
Acq: 26 Dec 2019 12:18

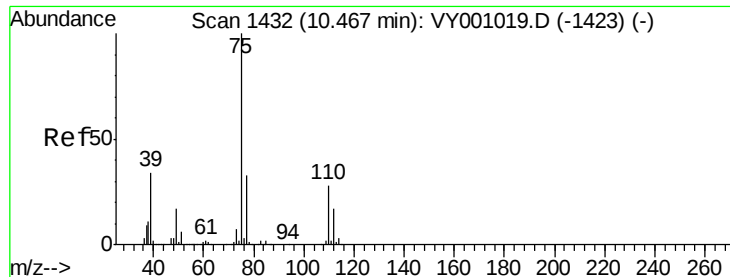
Tgt Ion: 92 Resp: 202239

Ion Ratio Lower Upper

92 100

91 172.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.786 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 75 Resp: 106121

Ion Ratio Lower Upper

75 100

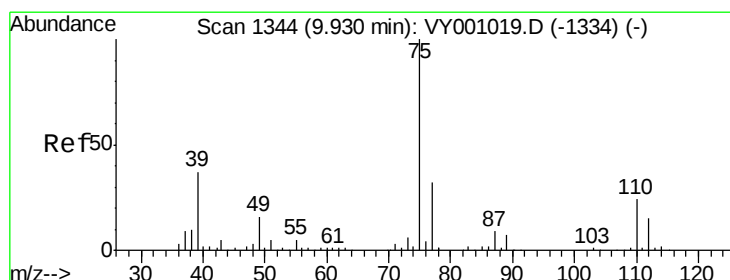
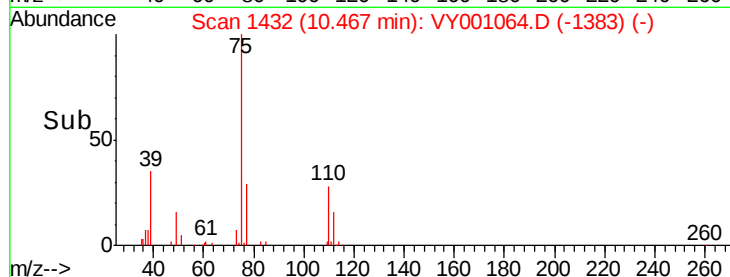
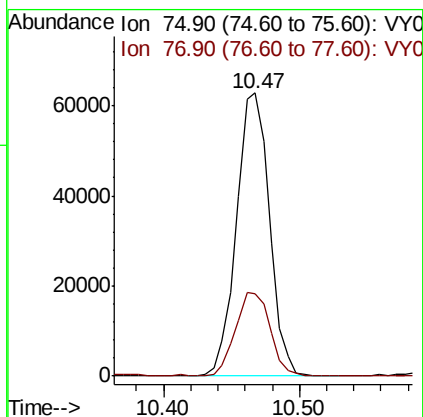
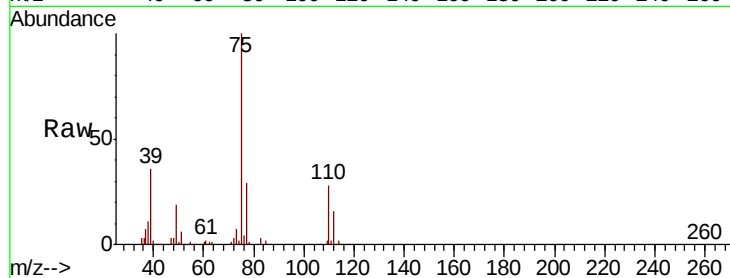
77 29.0 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 19.741 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

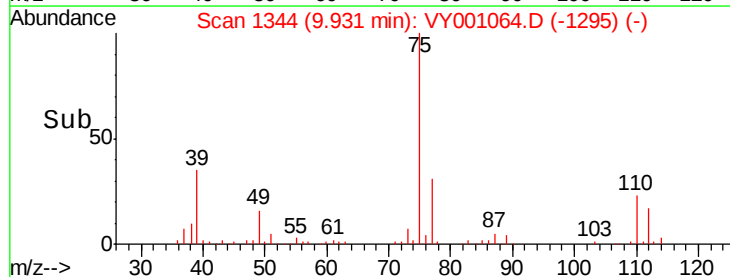
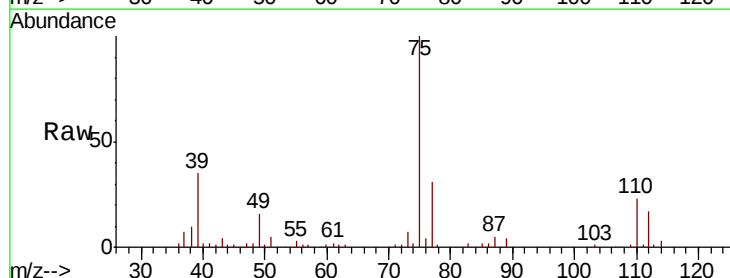
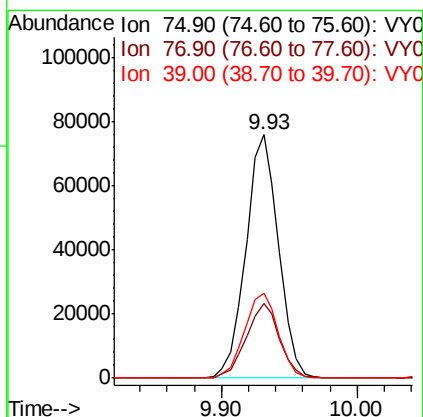
Tgt Ion: 75 Resp: 127319

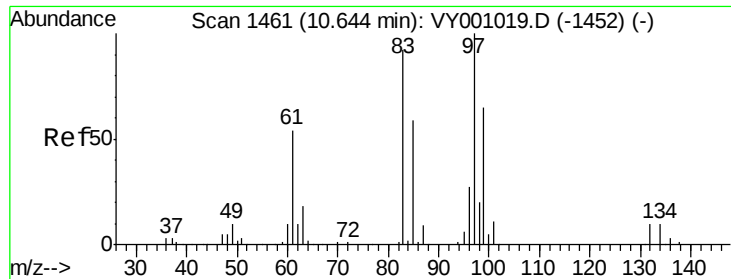
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 35.1 29.5 44.3





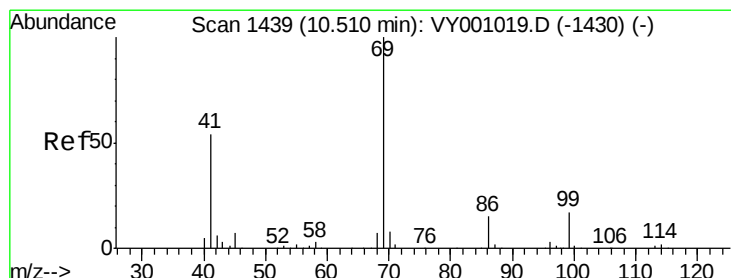
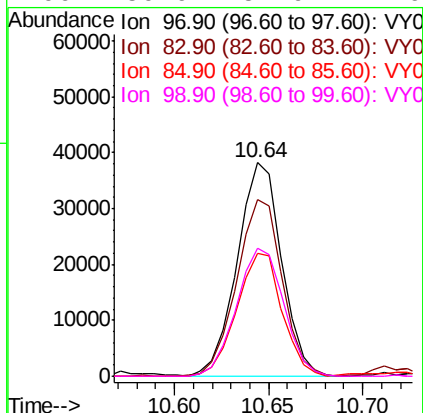
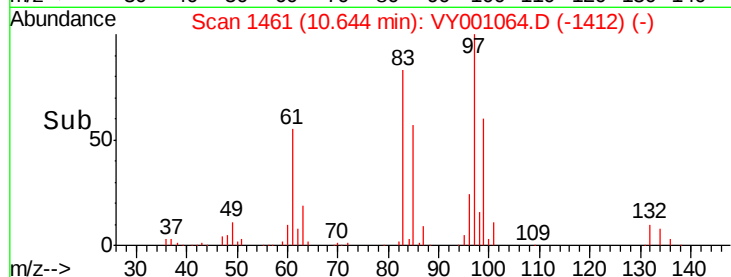
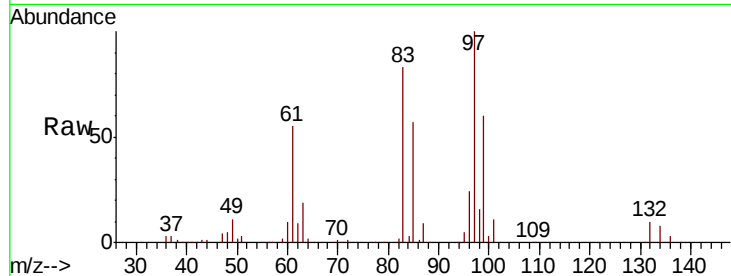
#55
 1,1,2-Trichloroethane
 Concen: 19.599 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		62427		
83	83.0	73.7	110.5		
85	57.4	47.3	70.9		
99	59.9	51.9	77.9		

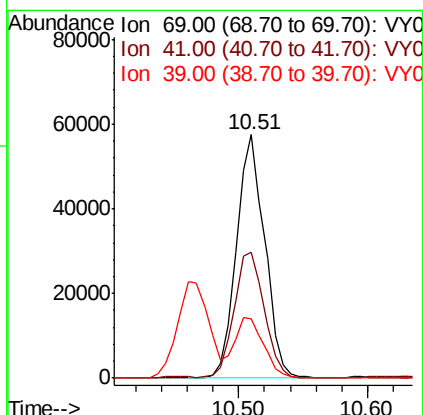
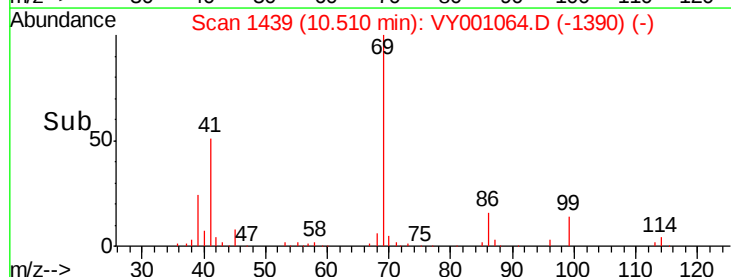
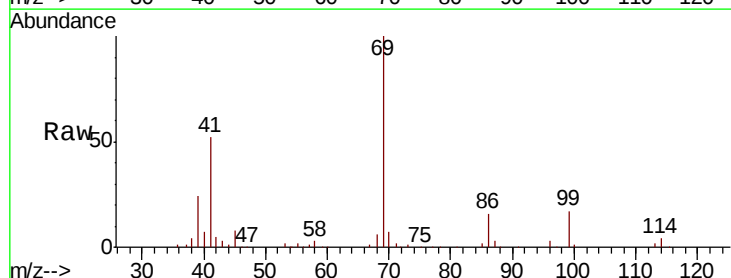
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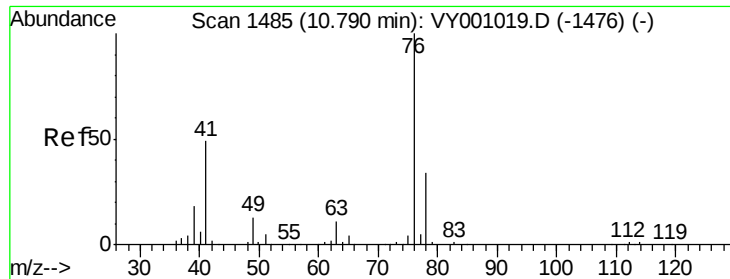
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#56
 Ethyl methacrylate
 Concen: 19.273 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		87367		
41	54.9	44.7	67.1		
39	25.9	22.2	33.4		





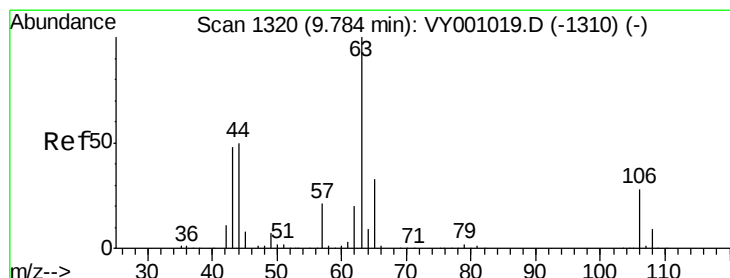
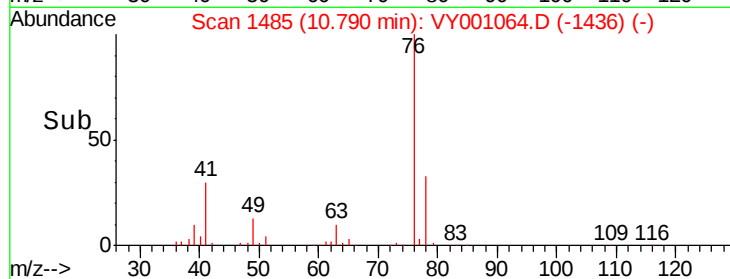
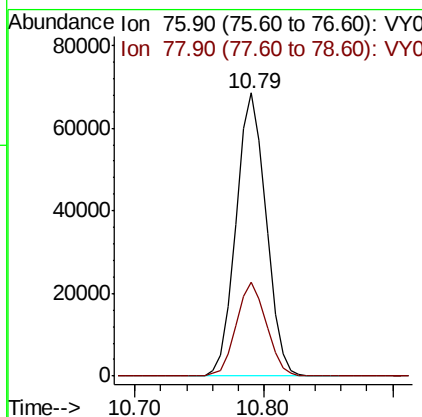
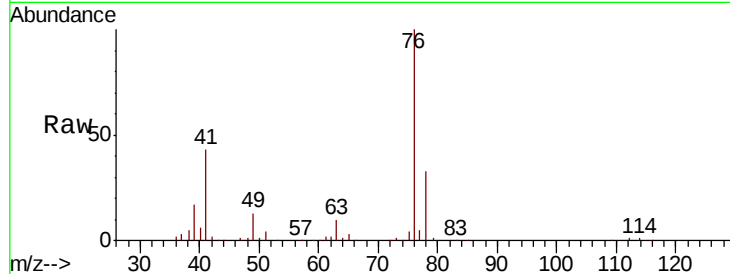
#57
 1,3-Dichloropropane
 Concen: 19.845 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion: 76 Resp: 110793
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8

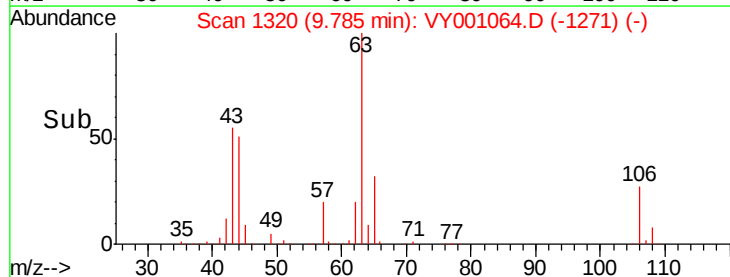
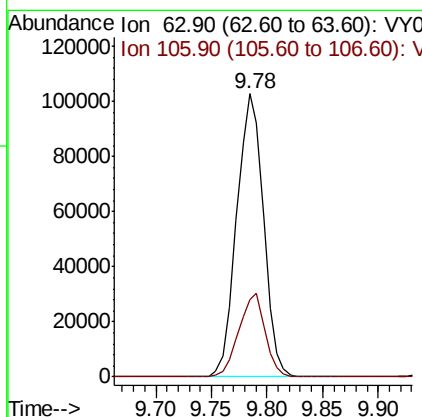
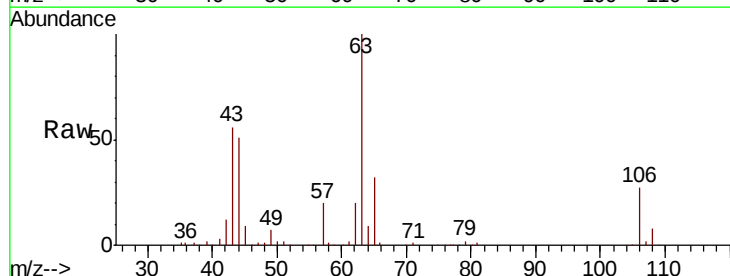
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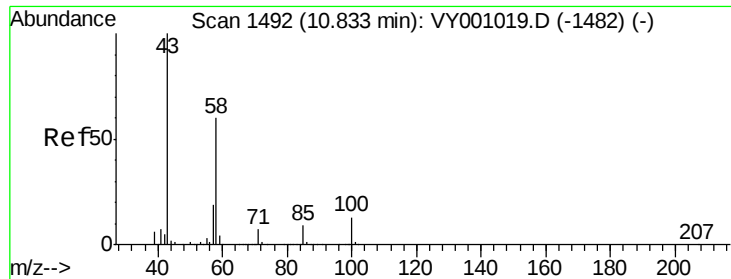
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 12/27/2019 11:04:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.753 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion: 63 Resp: 171155
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1





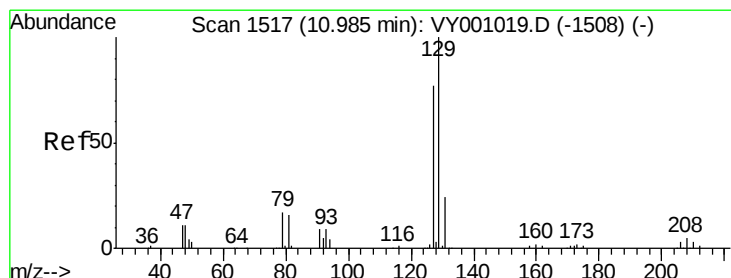
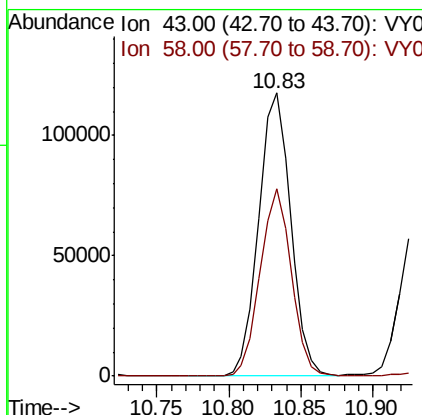
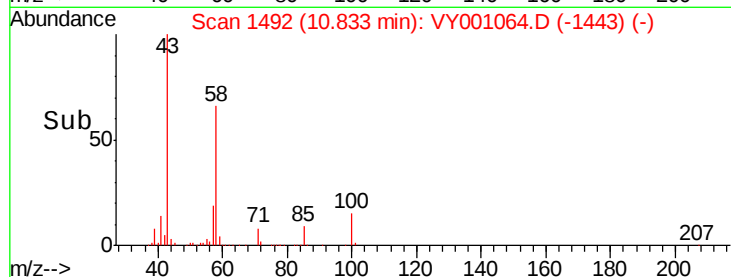
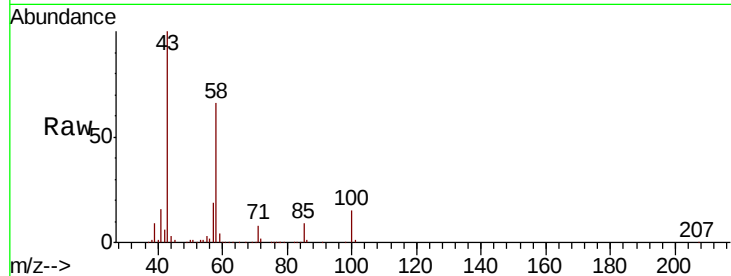
#59
2-Hexanone
Concen: 89.820 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion: 43 Resp: 181581
Ion Ratio Lower Upper
43 100
58 64.5 30.6 91.6

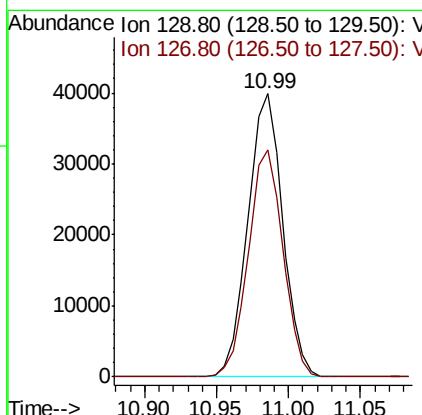
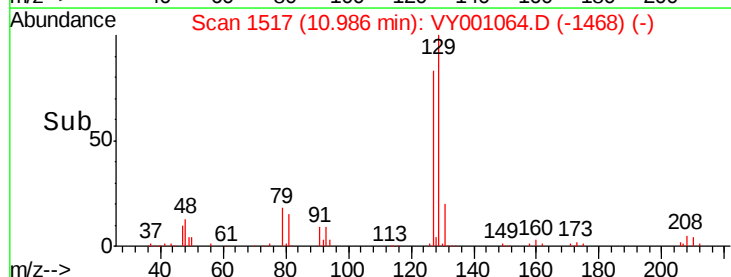
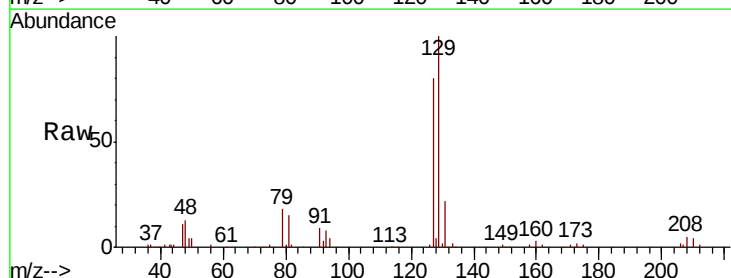
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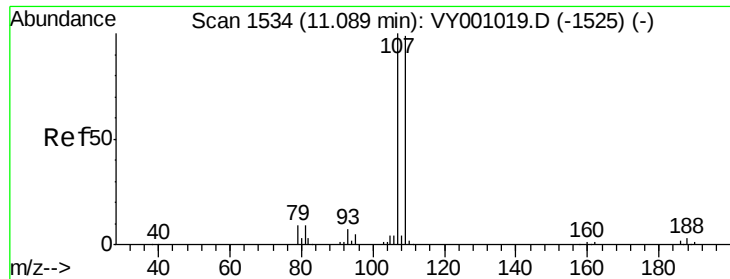
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#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion: 129 Resp: 66634
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.3





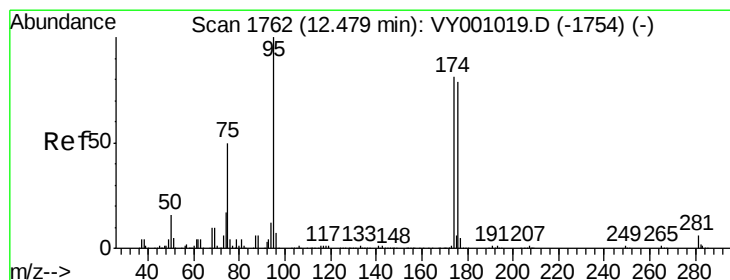
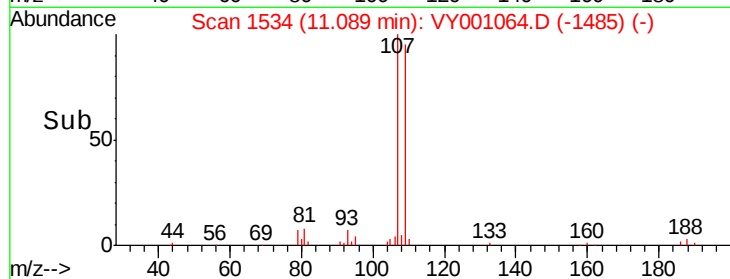
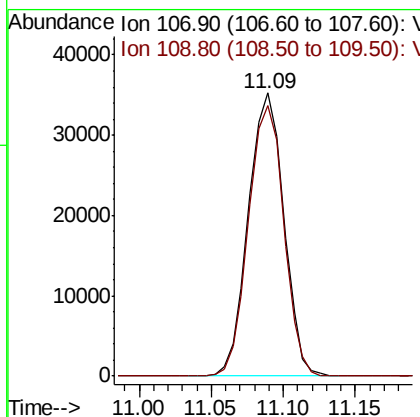
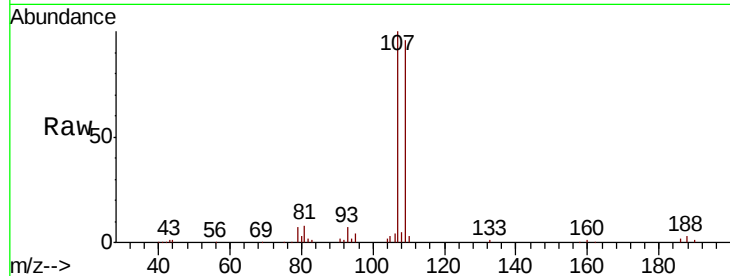
#61
 1,2-Dibromoethane
 Concen: 19.709 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.8	112.2

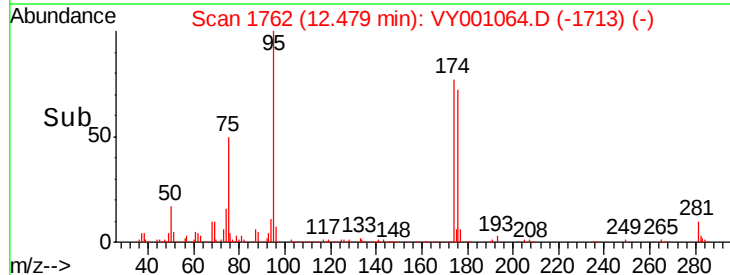
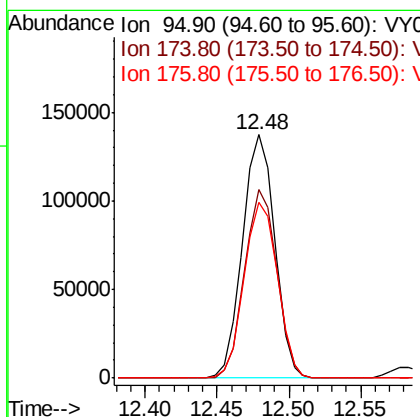
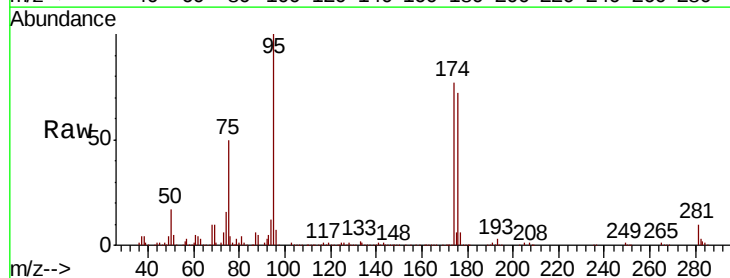
Manual Integrations
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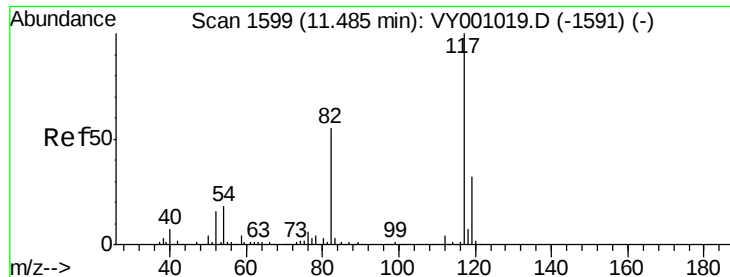
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.361 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	156.4
176	74.3	0.0	155.0





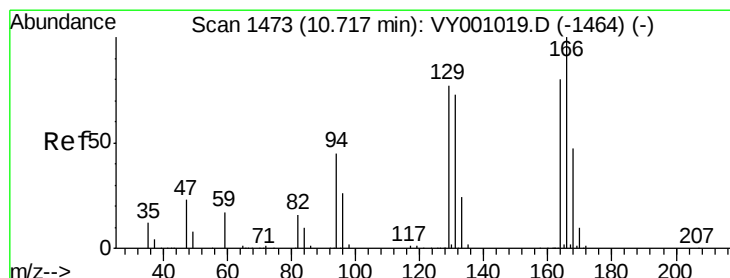
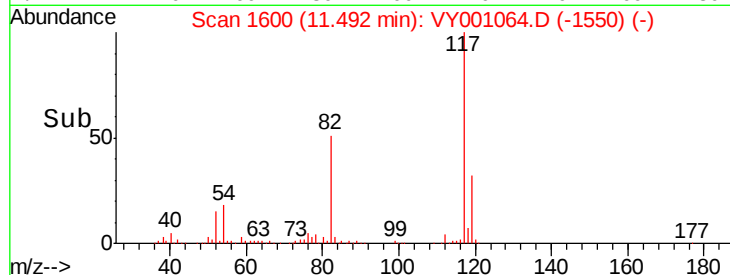
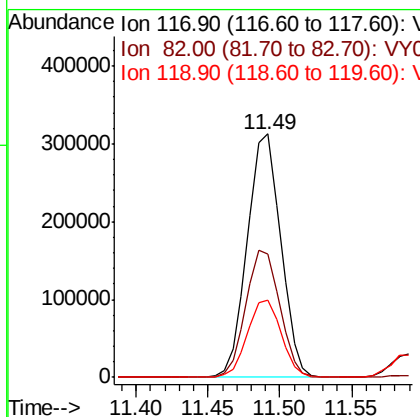
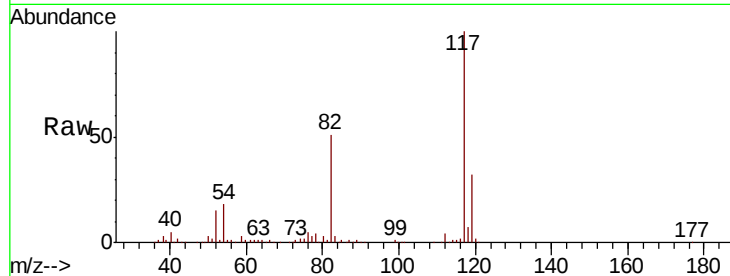
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	503570		
82	50.8		43.8	65.8
119	31.8		25.8	38.6

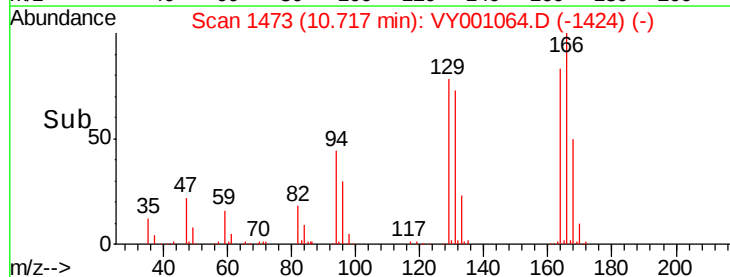
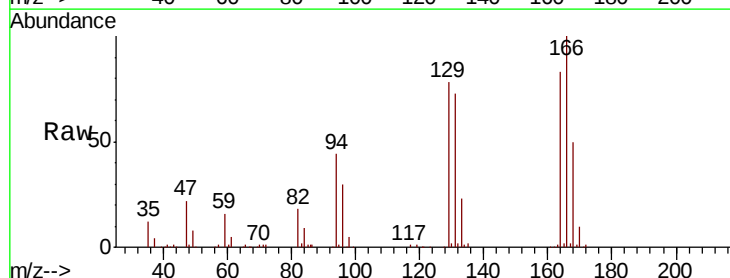
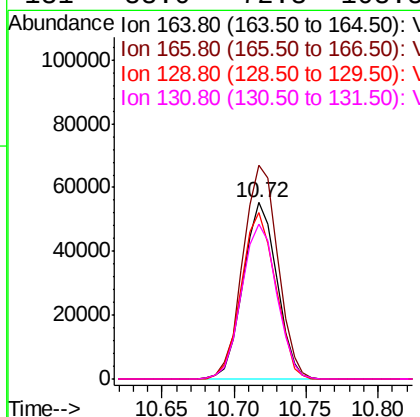
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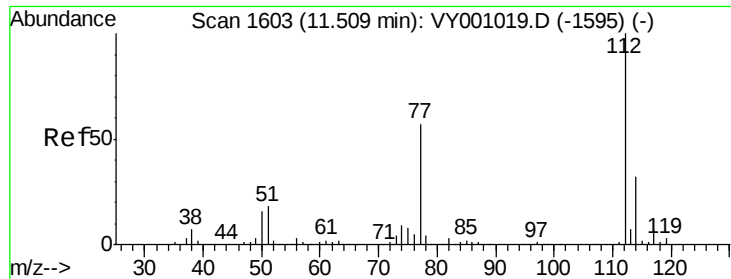
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#64
Tetrachloroethene
Concen: 20.569 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89622		
166	121.1		99.7	149.5
129	94.4		76.9	115.3
131	88.0		72.3	108.5





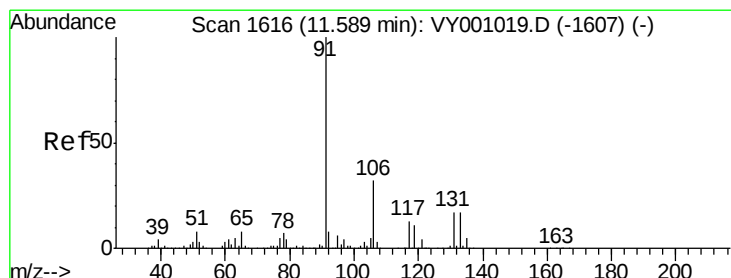
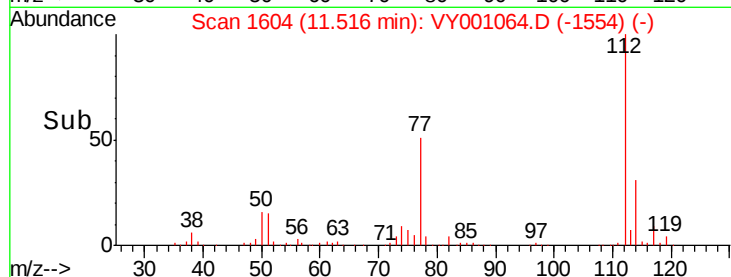
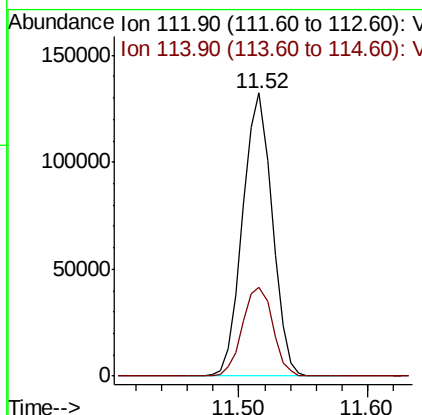
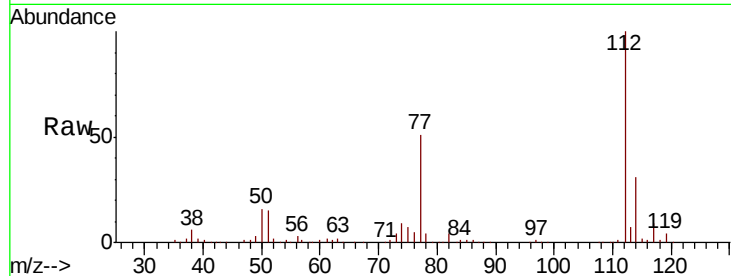
#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion:112 Resp: 209816
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

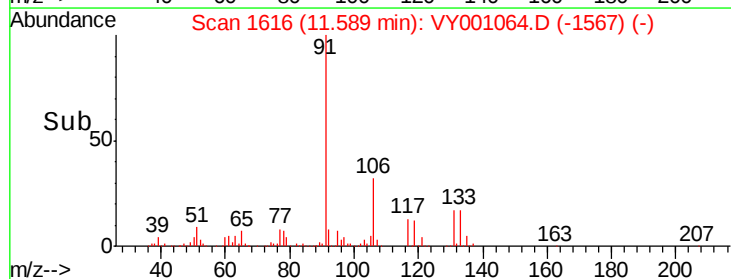
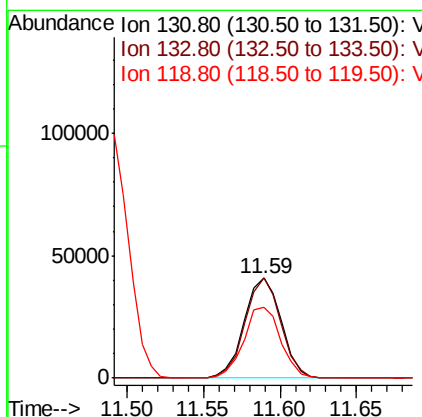
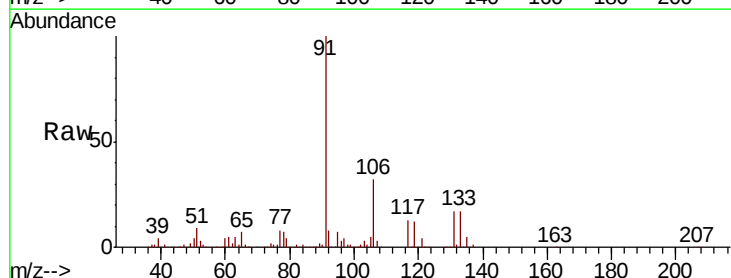
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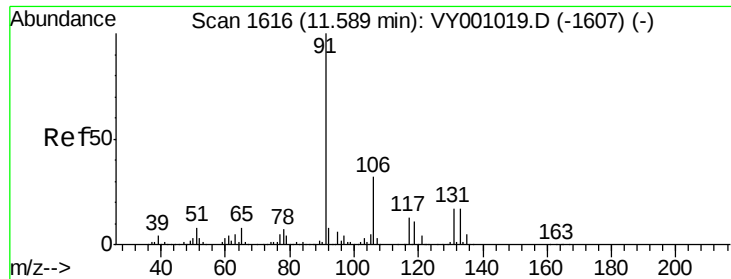
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.880 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion:131 Resp: 68529
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 70.7 34.0 101.8





#67

Ethyl Benzene

Concen: 20.121 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 91 Resp: 378038

Ion Ratio Lower Upper

91 100

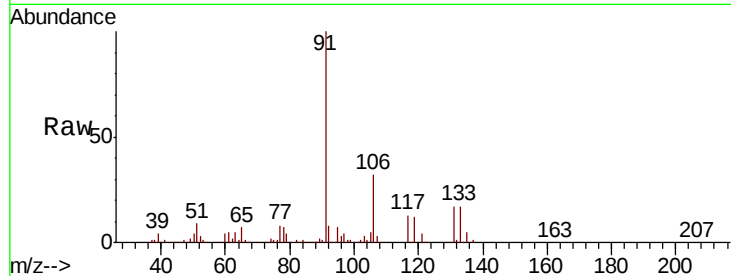
106 31.5 25.3 37.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY001019.D (-1607) (-)

300000

200000

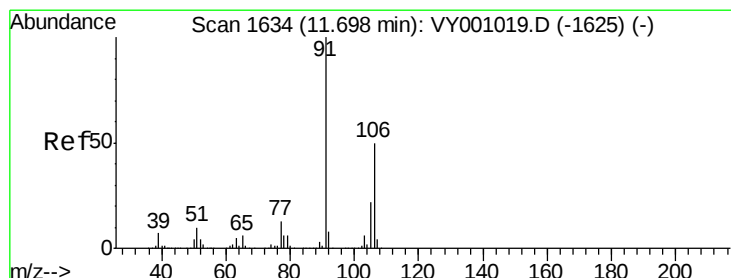
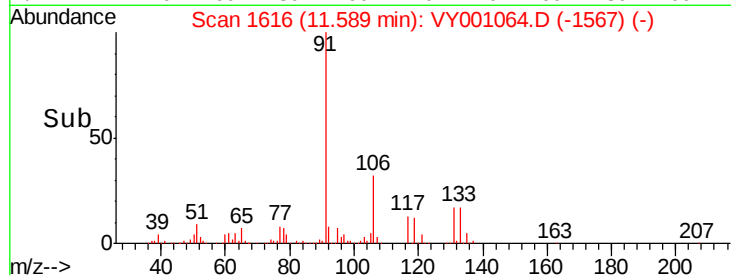
100000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 40.509 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001064.D

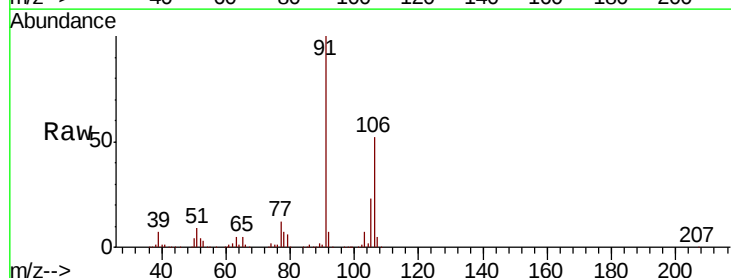
Acq: 26 Dec 2019 12:18

Tgt Ion: 106 Resp: 288980

Ion Ratio Lower Upper

106 100

91 194.2 156.4 234.6



Abundance Ion 106.00 (105.70 to 106.70): VY001019.D (-1625) (-)

Ion 91.00 (90.70 to 91.70): VY001019.D (-1625) (-)

300000

200000

100000

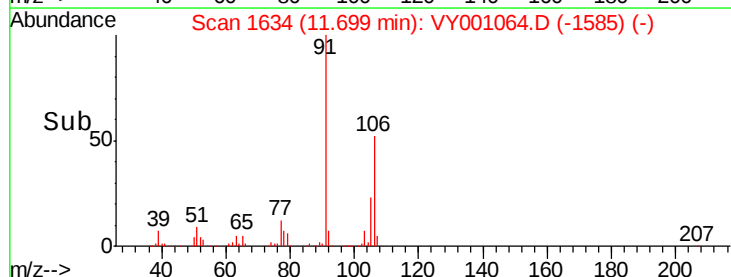
0

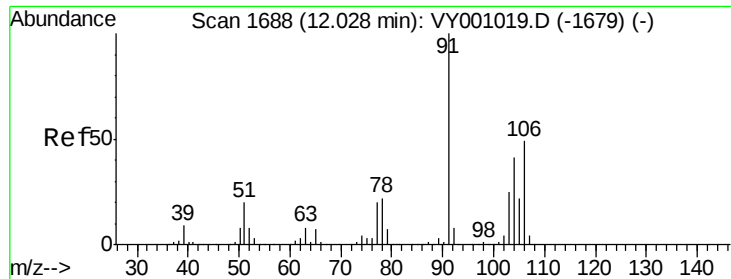
11.60

11.70

11.80

Time-->





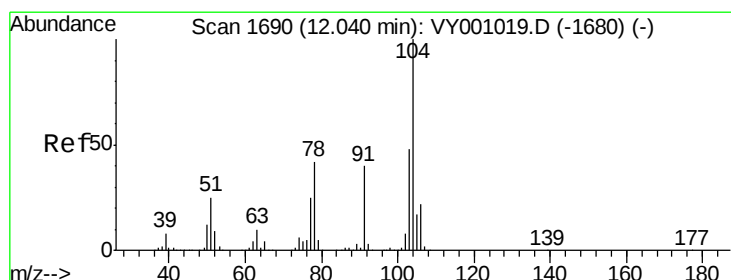
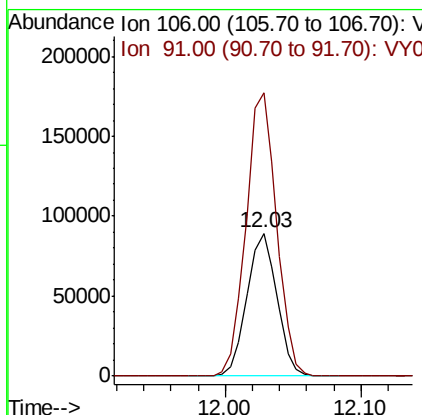
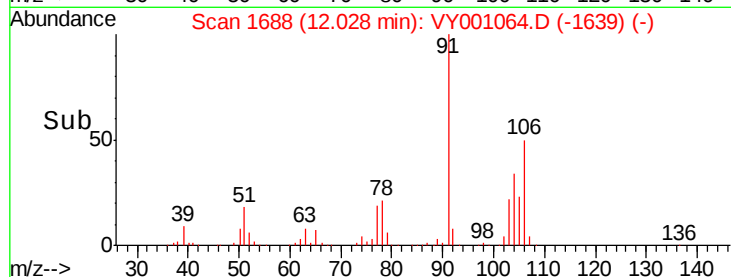
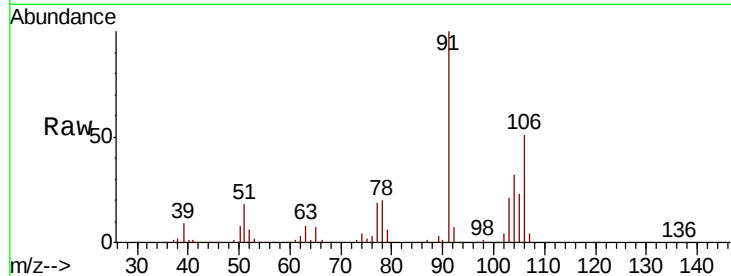
#69
o-Xylene
Concen: 20.605 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	138289		
91	91	201.3	103.0	309.0	

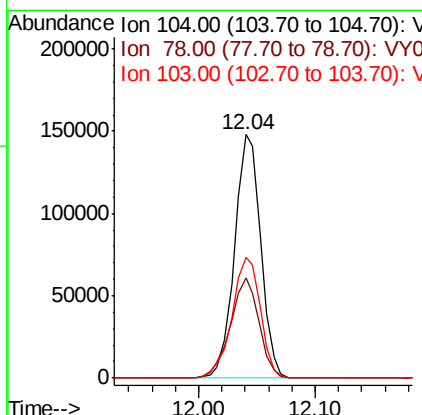
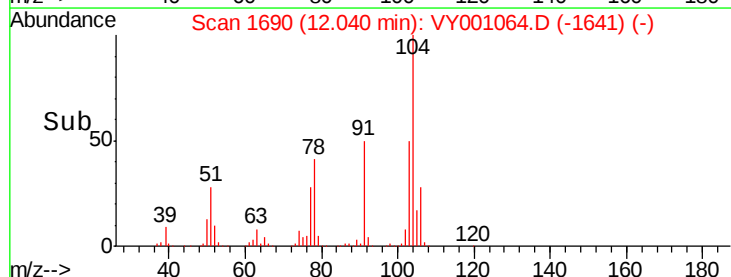
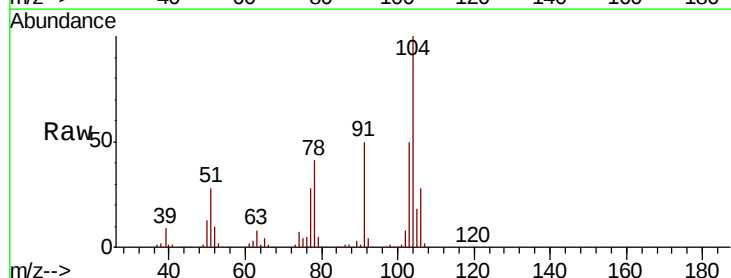
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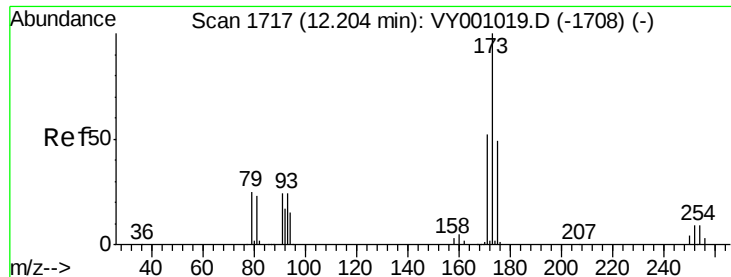
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#70
Styrene
Concen: 20.274 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	231359		
78	78	44.9	36.6	54.8	
103	103	54.0	42.6	64.0	





#71

Bromoform

Concen: 19.149 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

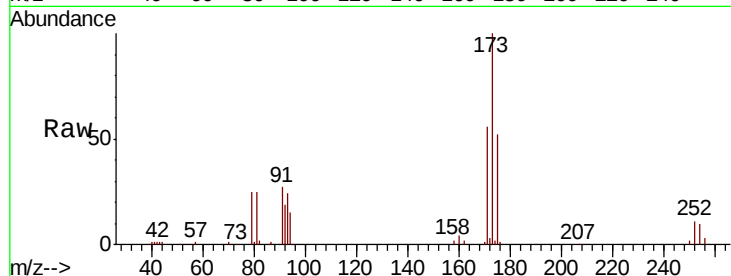
ClientSampleId :

VY1226SBS01

Tot Ion:	173	Resp:	36754
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.5	73.5
254	0.0	0.0	0.0

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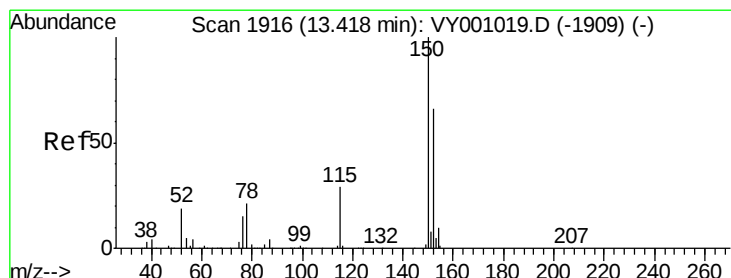
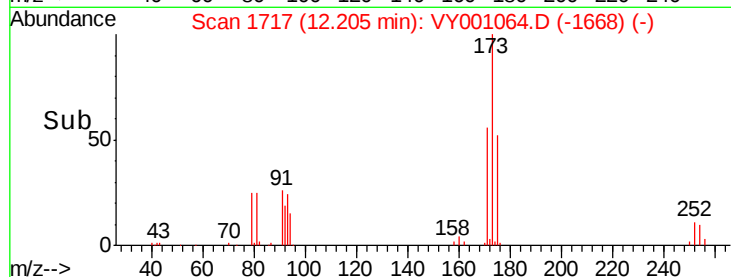
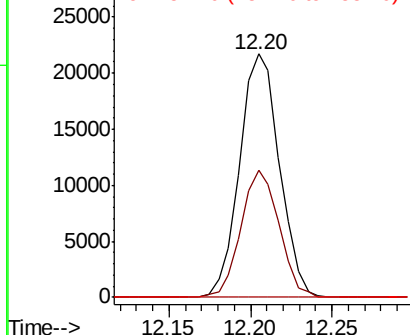


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

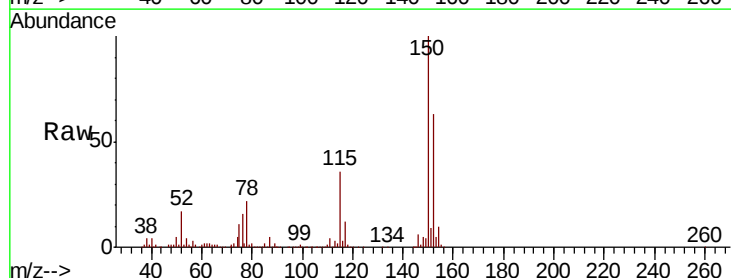
RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	152	Resp:	229534
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.8	89.3
150	164.1	0.0	352.6

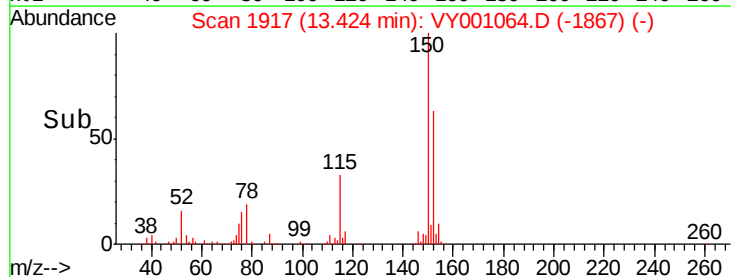
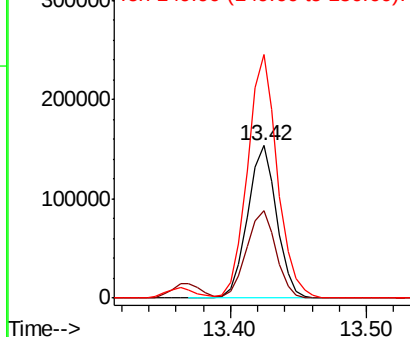


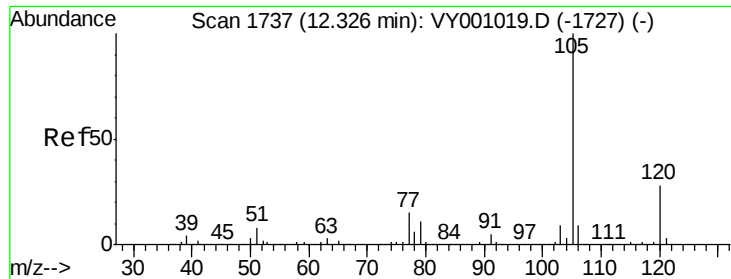
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.505 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion: 105 Resp: 364219

Ion Ratio Lower Upper

105 100

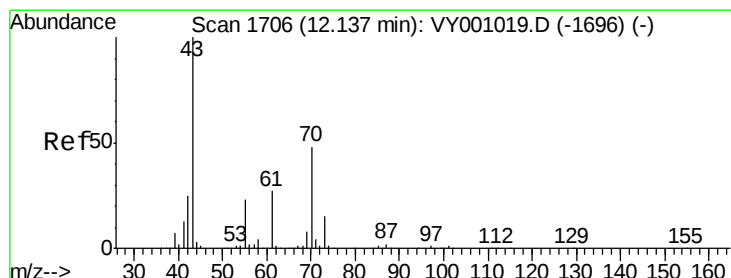
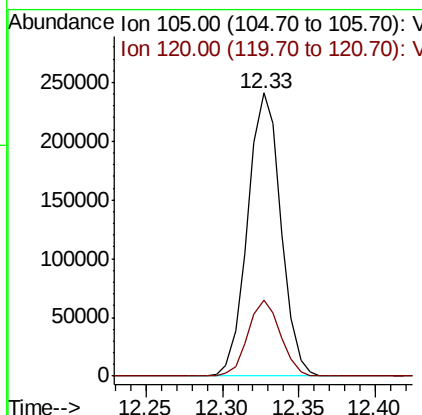
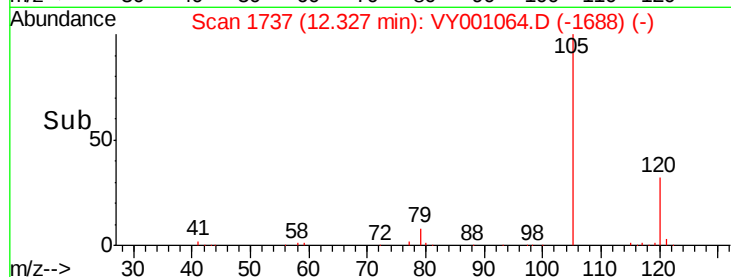
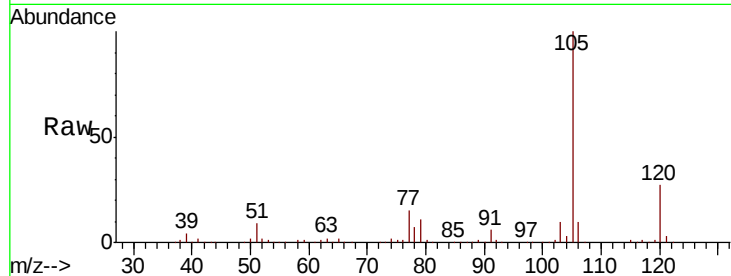
120 26.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 18.602 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion: 43 Resp: 86804

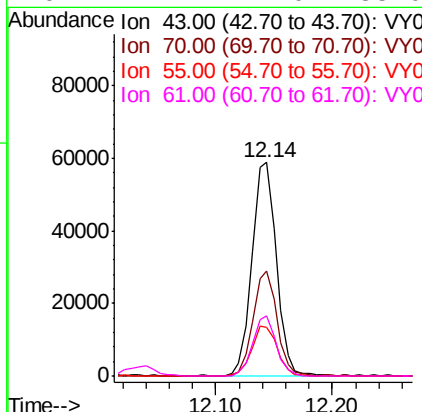
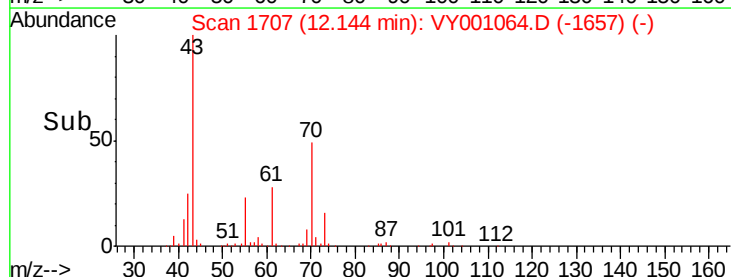
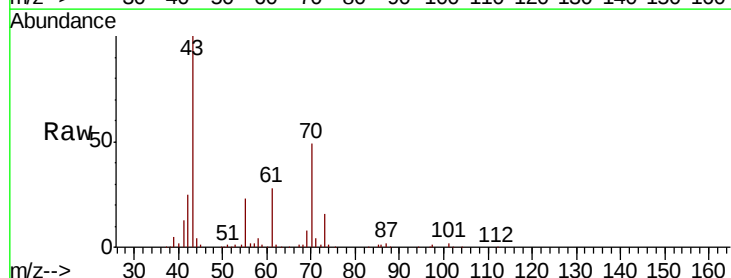
Ion Ratio Lower Upper

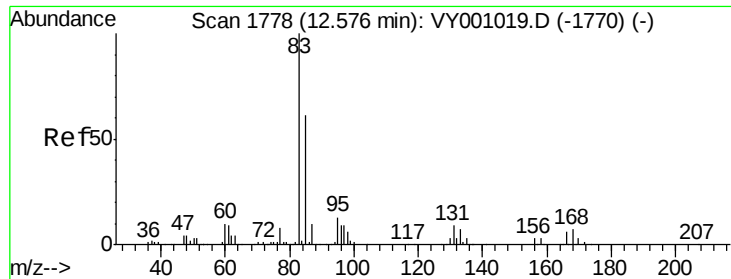
43 100

70 48.3 39.0 58.6

55 24.3 19.5 29.3

61 27.1 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.547 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

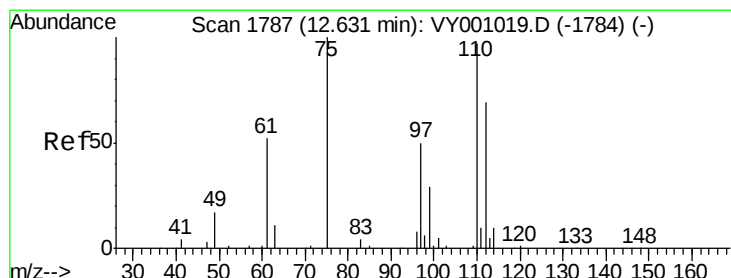
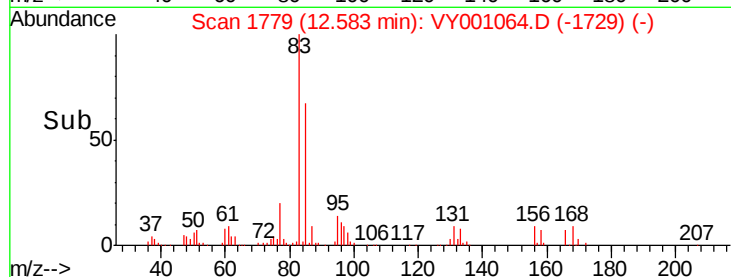
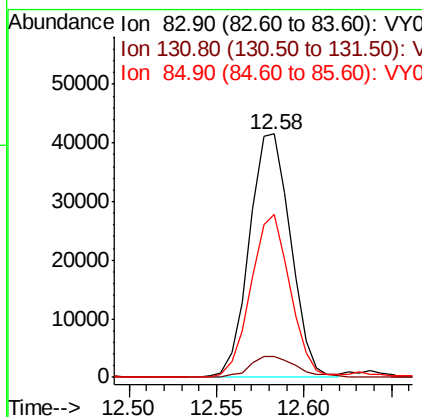
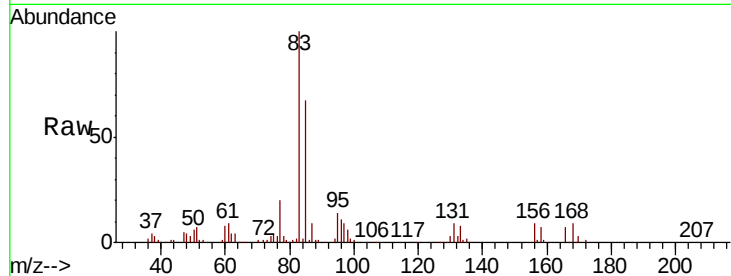
ClientSampleId :

VY1226SBS01

Tot Ion:	83	Resp:	68399
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	63.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 17.323 ug/l m

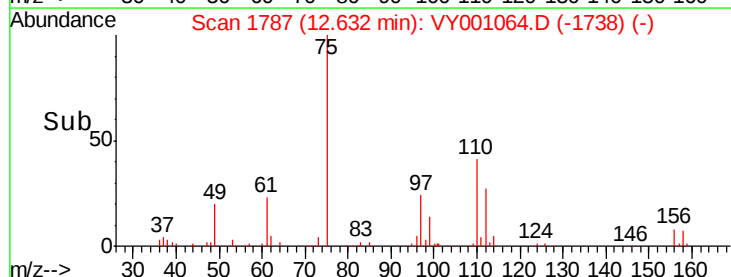
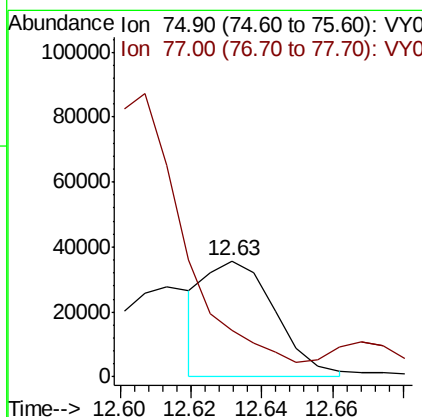
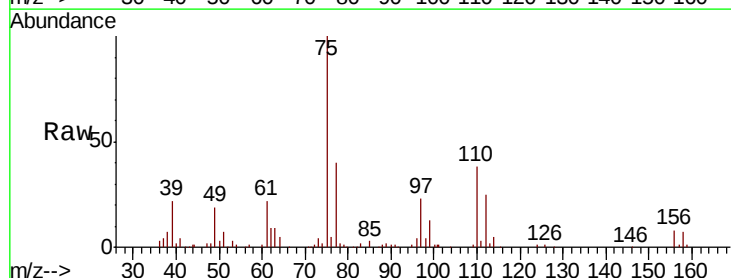
RT: 12.63 min Scan# 1787

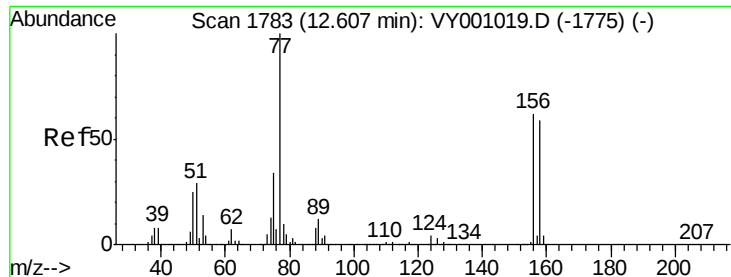
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	75	Resp:	49019
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.652 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

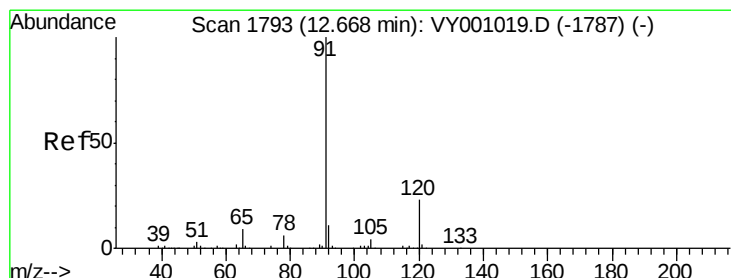
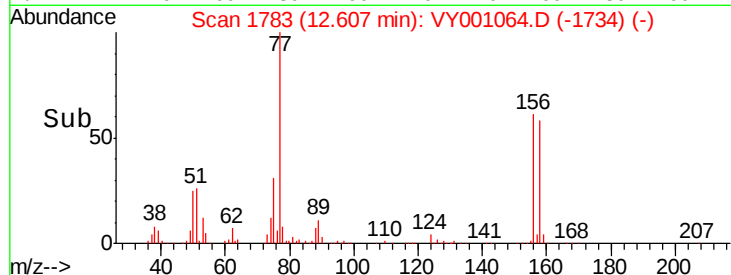
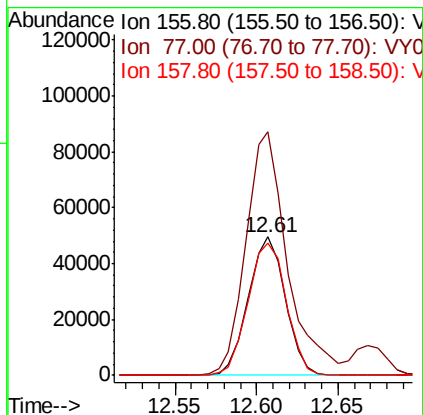
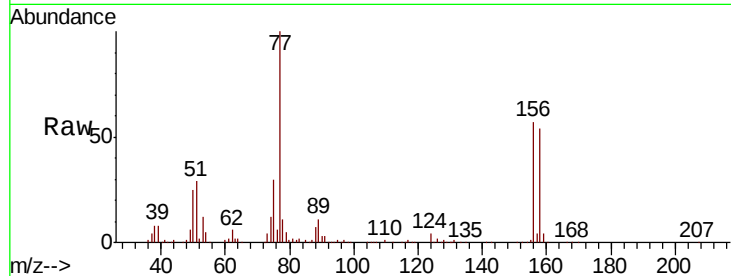
ClientSampleId :

VY1226SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.0	98.0	294.1
158	98.6	48.5	145.6

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#78

n-propylbenzene

Concen: 20.082 ug/l

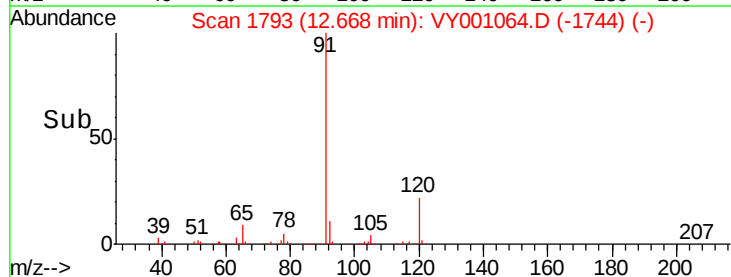
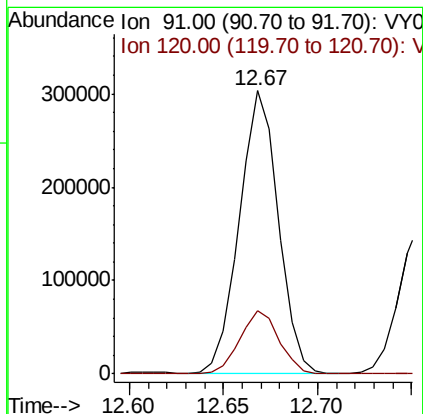
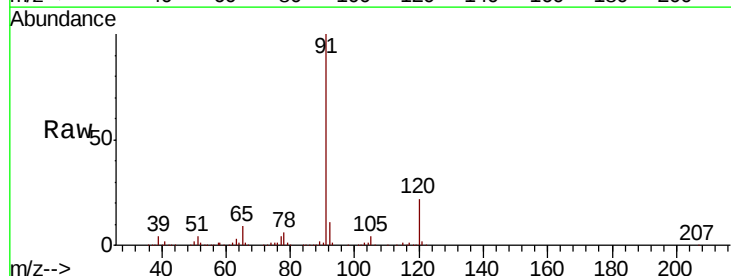
RT: 12.67 min Scan# 1793

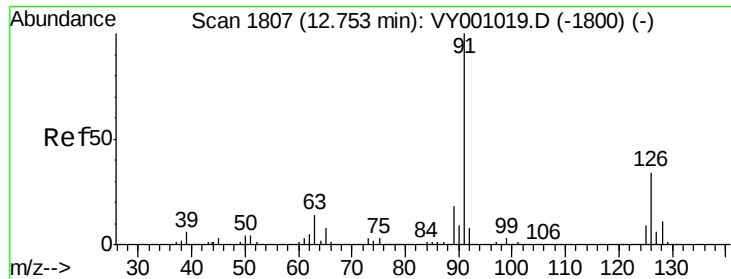
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.2





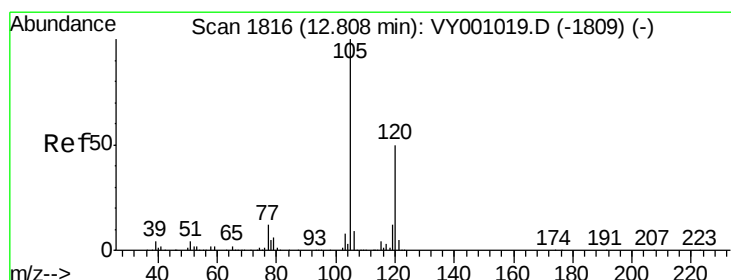
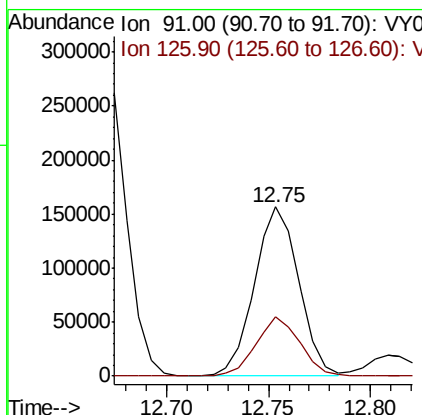
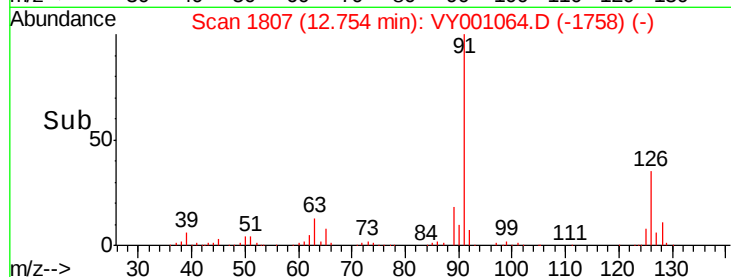
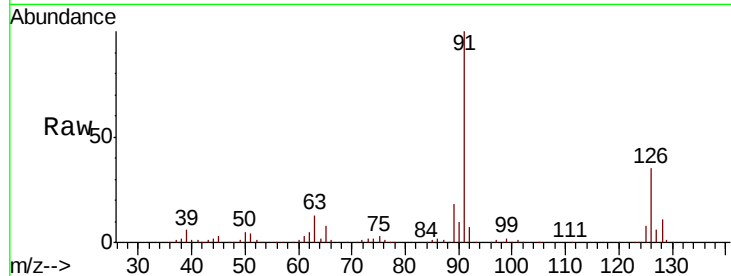
#79
 2-Chlorotoluene
 Concen: 19.842 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion: 91 Resp: 237167
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.7

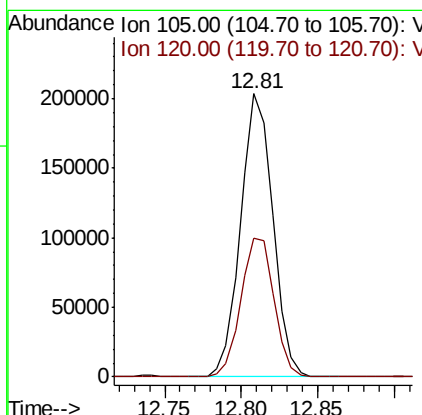
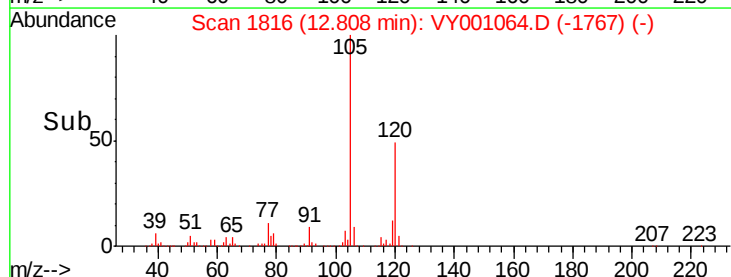
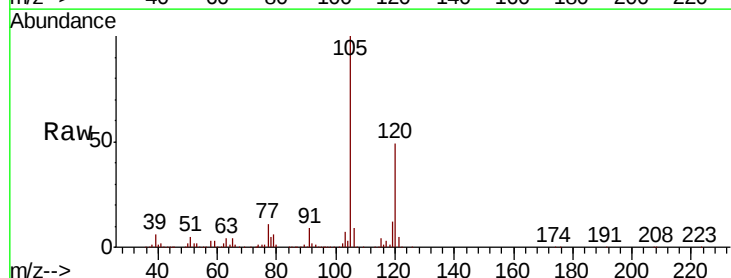
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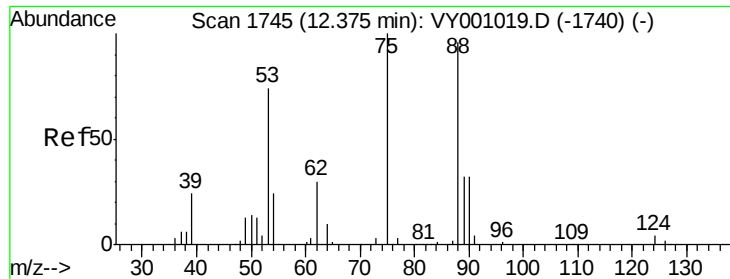
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.473 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion: 105 Resp: 298074
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.518 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

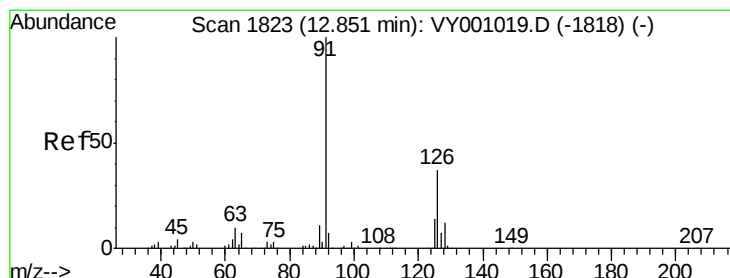
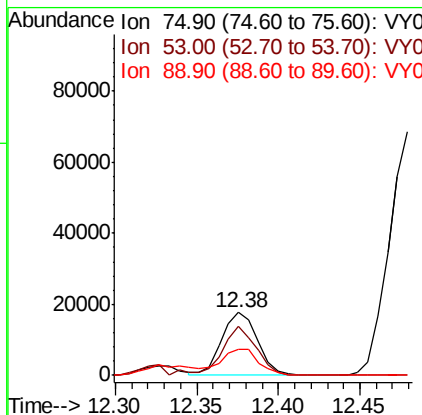
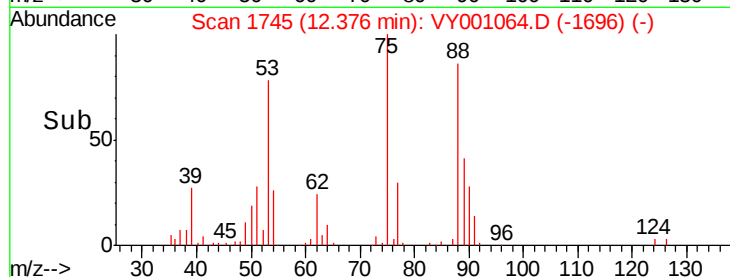
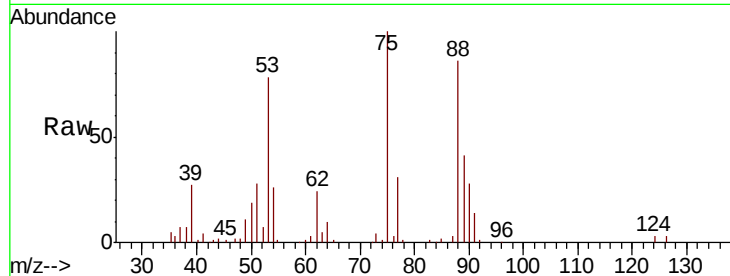
ClientSampleId :

VY1226SBS01

Tot Ion:	75	Resp:	27223
Ion Ratio	Lower	Upper	
75	100		
53	71.5	60.6	91.0
89	43.3	35.4	53.0

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#82

4-Chlorotoluene

Concen: 19.795 ug/l

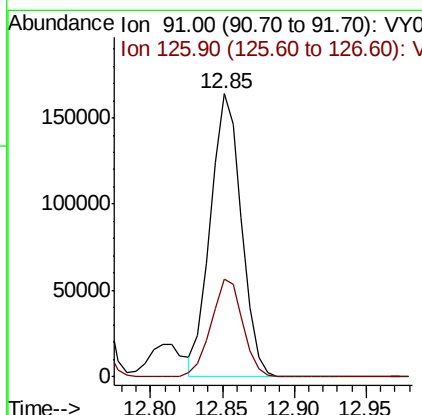
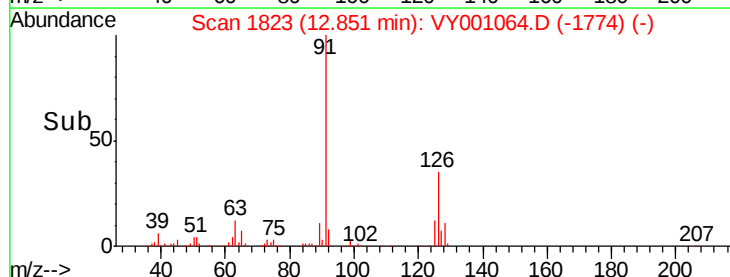
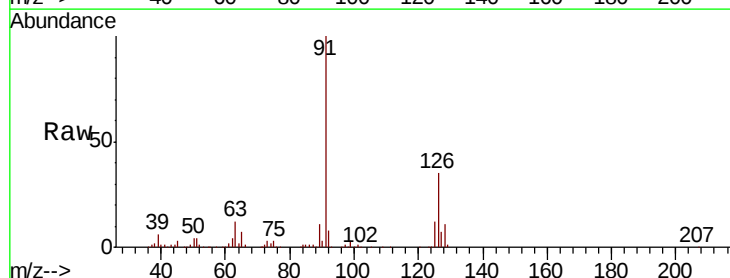
RT: 12.85 min Scan# 1823

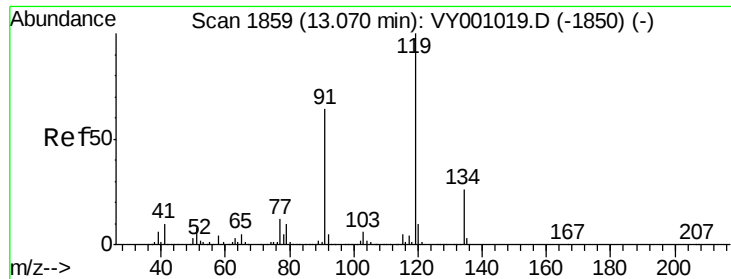
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	91	Resp:	245752
Ion Ratio	Lower	Upper	
91	100		
126	35.4	17.6	52.8





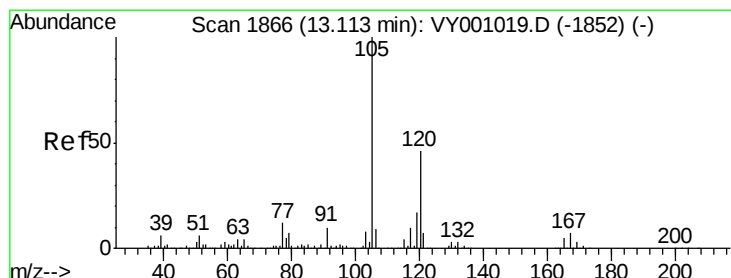
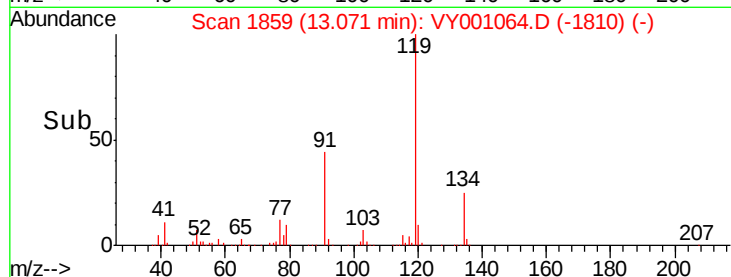
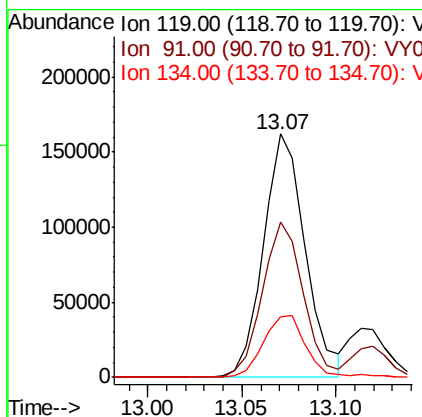
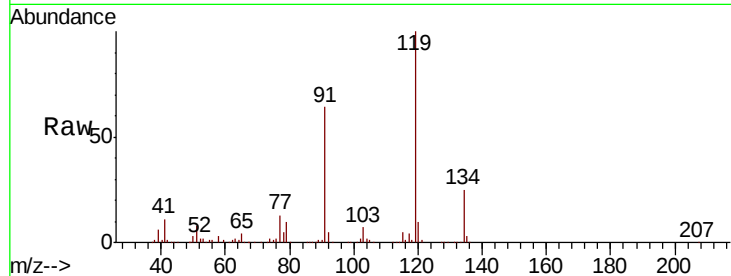
#83
tert-Butylbenzene
Concen: 20.394 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	249250		
91	62.5		31.9	95.7
134	26.2		13.6	40.7

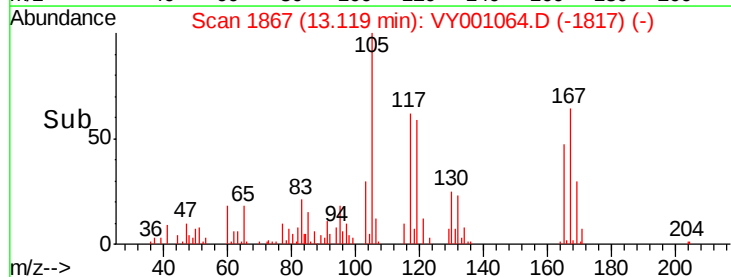
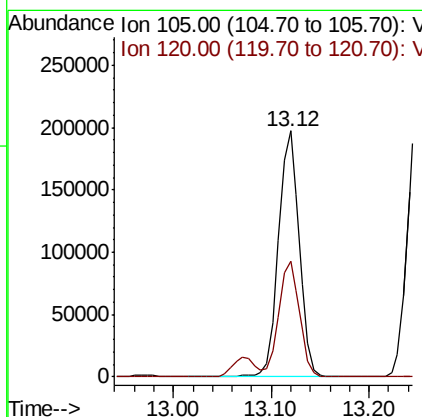
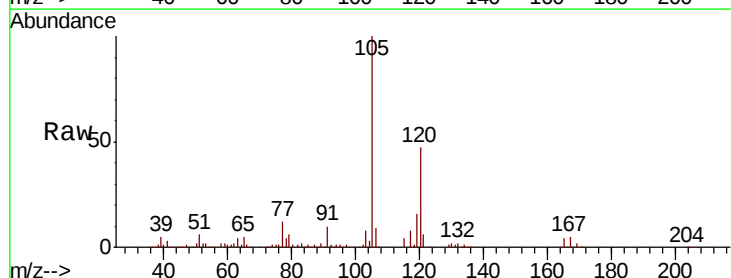
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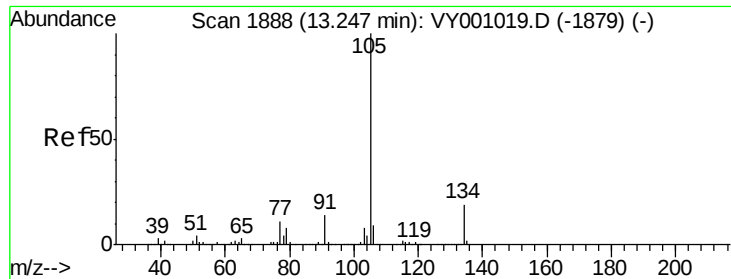
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#84
1,2,4-Trimethylbenzene
Concen: 19.988 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292446		
120	47.0		23.4	70.2





#85

sec-Butylbenzene

Concen: 20.050 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBS01

Tot Ion:105 Resp: 361254

Ion Ratio Lower Upper

105 100

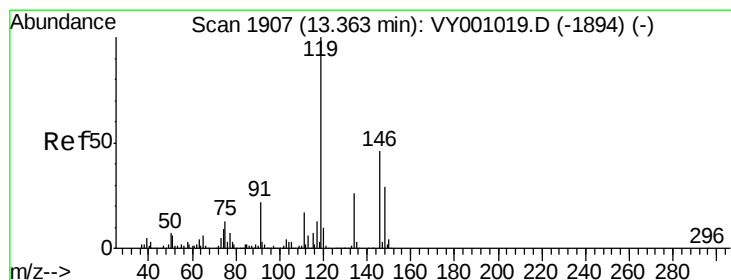
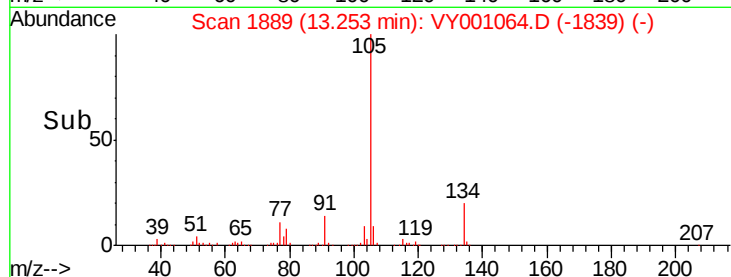
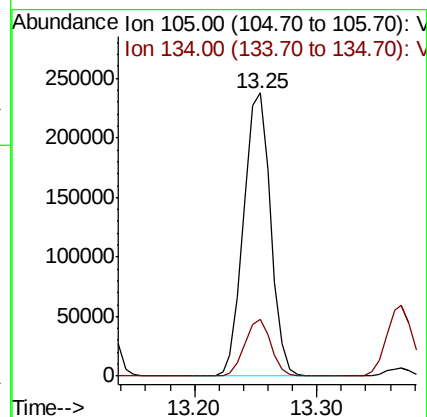
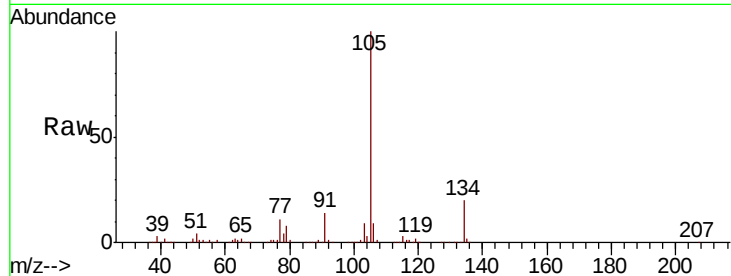
134 19.7 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 20.434 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

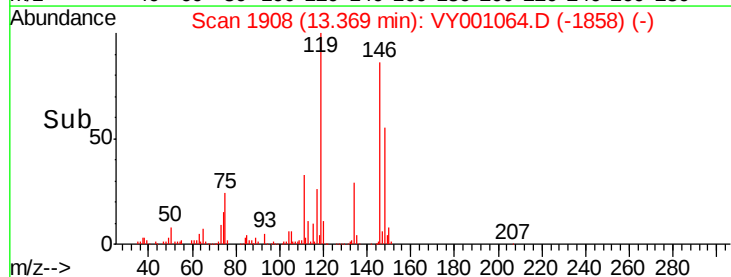
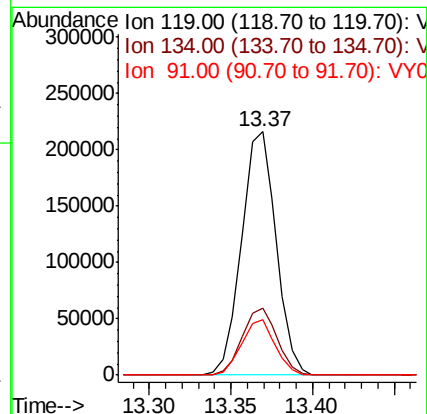
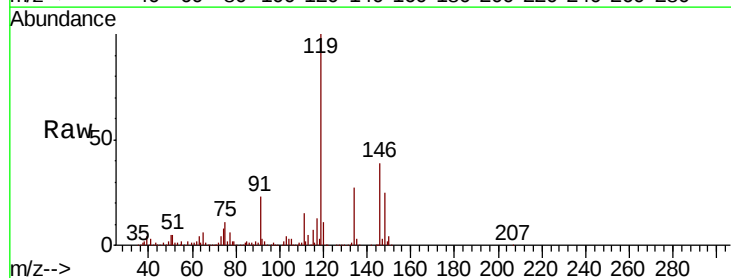
Tgt Ion:119 Resp: 318584

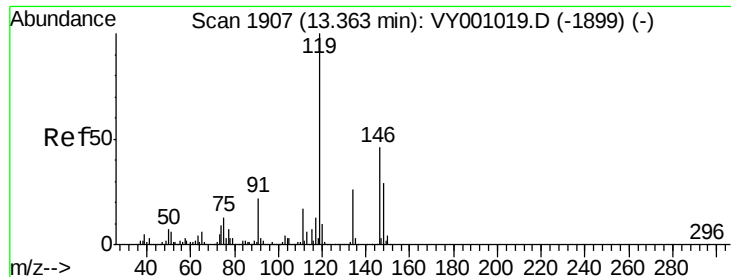
Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.7

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.988 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Instrument :

MSVOA_Y

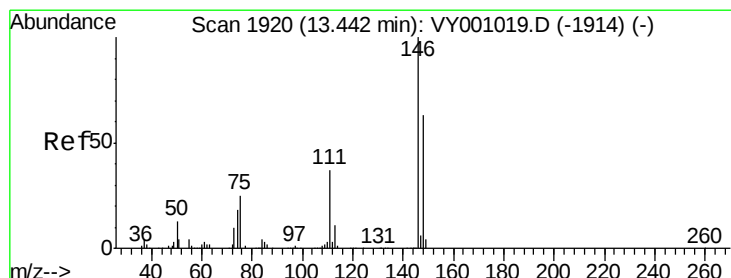
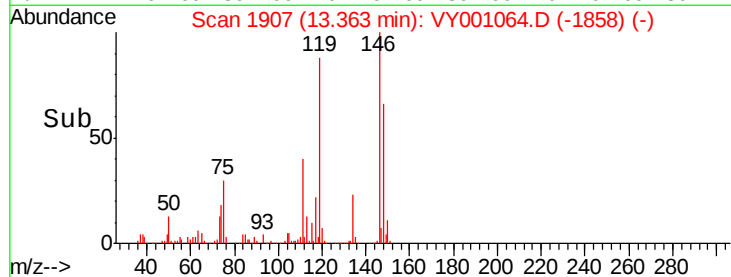
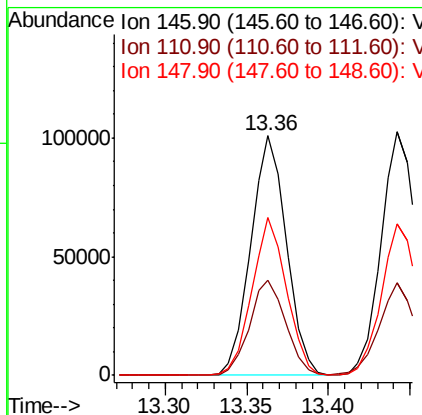
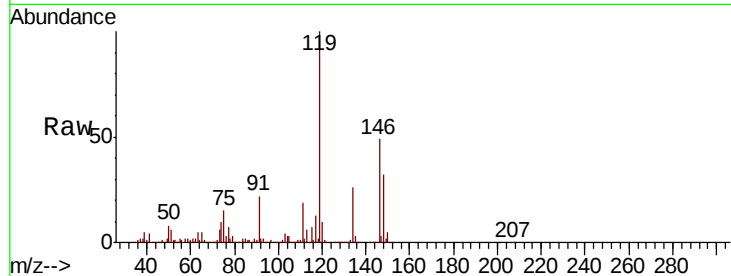
ClientSampleId :

VY1226SBS01

Tot Ion:	146	Resp:	153355
Ion Ratio	Lower	Upper	
146	100		
111	40.1	19.7	59.0
148	63.8	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.146 ug/l

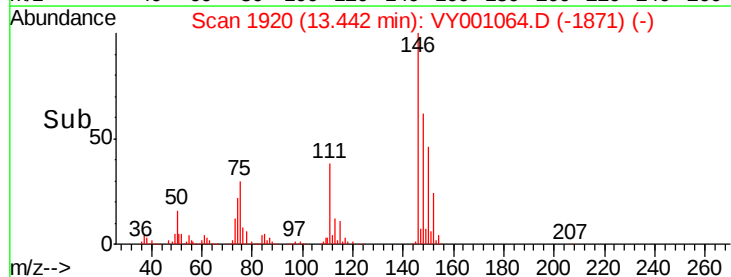
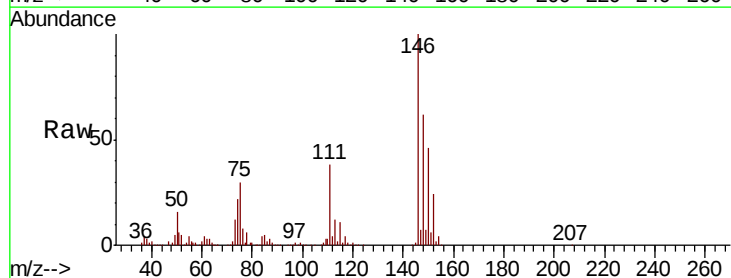
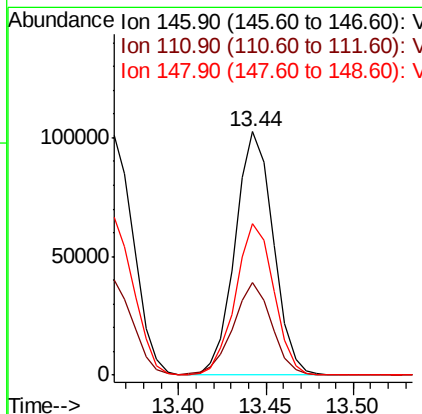
RT: 13.44 min Scan# 1920

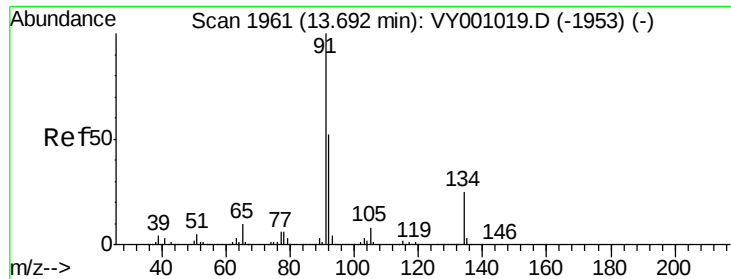
Delta R.T. 0.00 min

Lab File: VY001064.D

Acq: 26 Dec 2019 12:18

Tgt Ion:	146	Resp:	155926
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.4	58.2
148	62.5	31.8	95.3





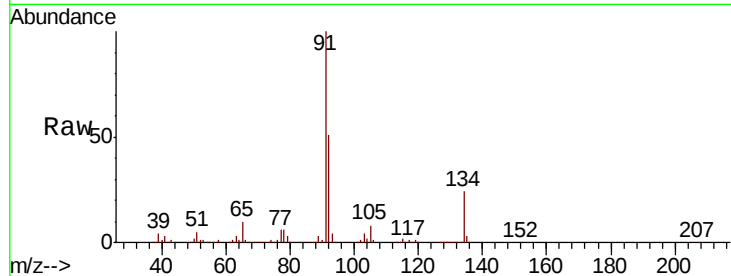
#89
n-Butylbenzene
Concen: 20.086 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	25.8	12.7	38.0

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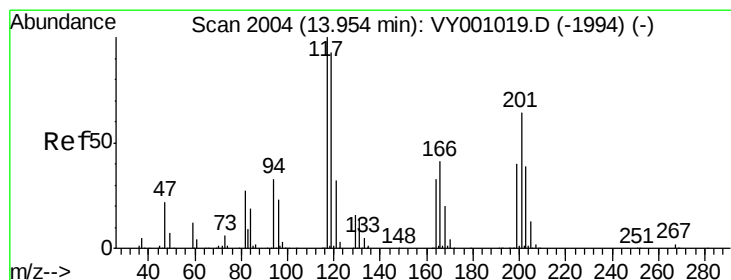
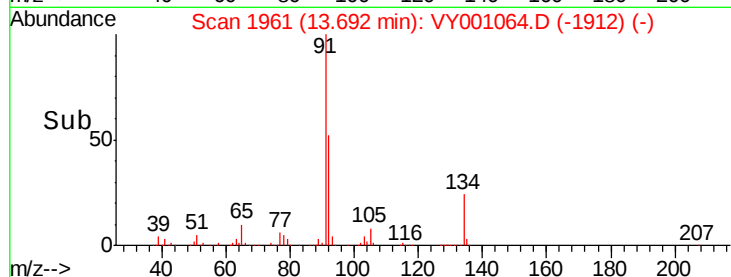
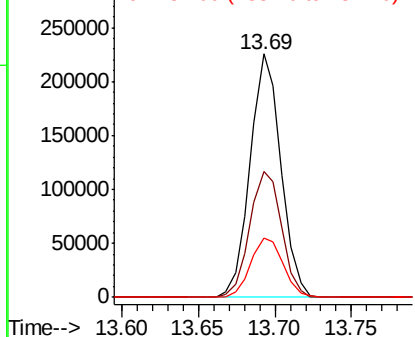


Abundance

Ion 91.00 (90.70 to 91.70): VY001019.D (-1953) (-)

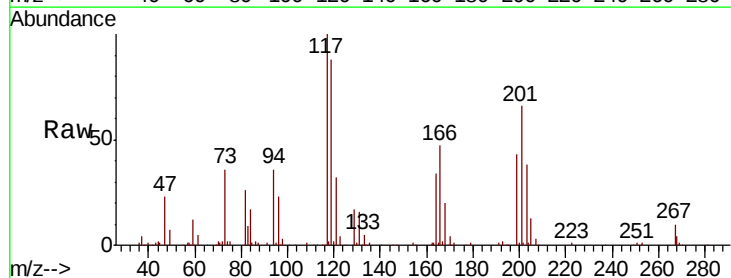
Ion 92.00 (91.70 to 92.70): VY001019.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY001019.D (-1953) (-)



#90
Hexachloroethane
Concen: 19.689 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

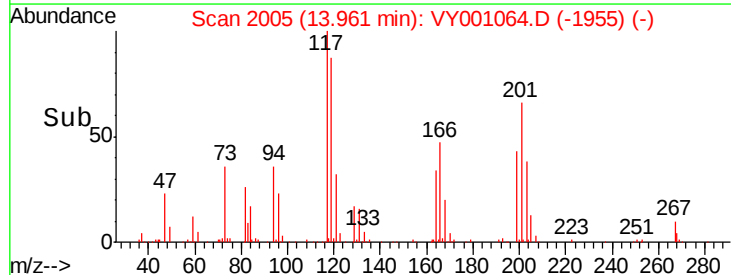
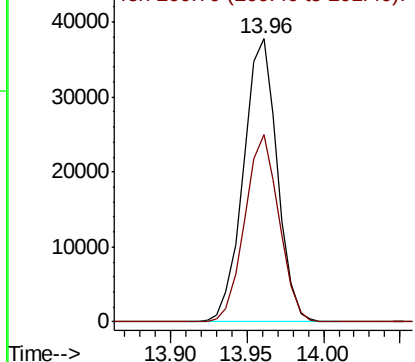
Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.7	101.1

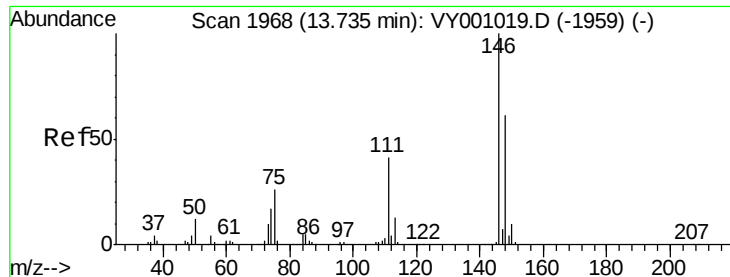


Abundance

Ion 116.80 (116.50 to 117.50): VY001019.D (-1994) (-)

Ion 200.70 (200.40 to 201.40): VY001019.D (-1994) (-)





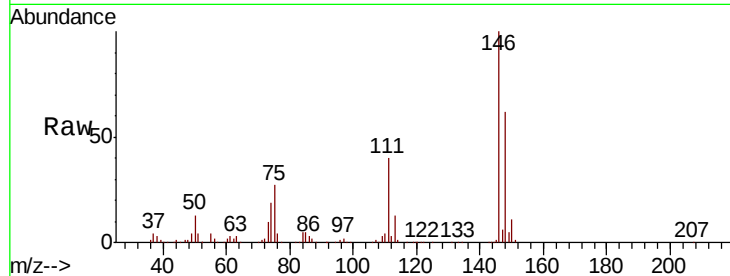
#91
 1,2-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.9
148	63.4	31.6	94.7

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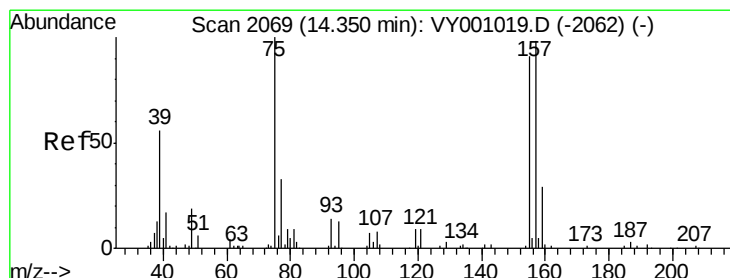
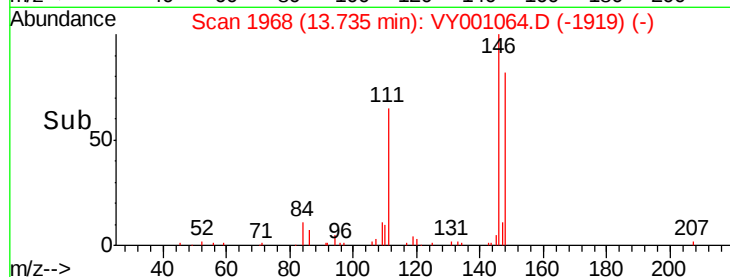
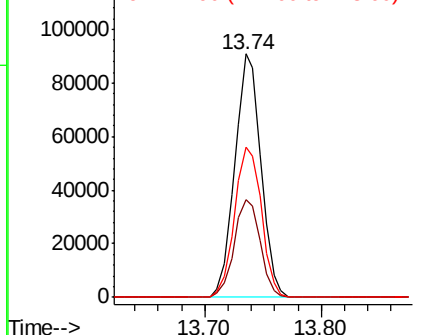


Abundance

Ion 145.90 (145.60 to 146.60): V

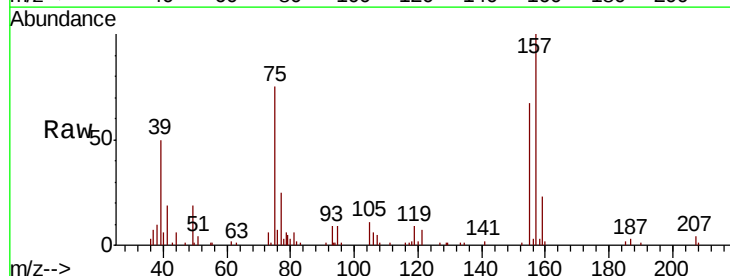
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.932 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	46.3	138.9
157	121.9	58.1	174.4

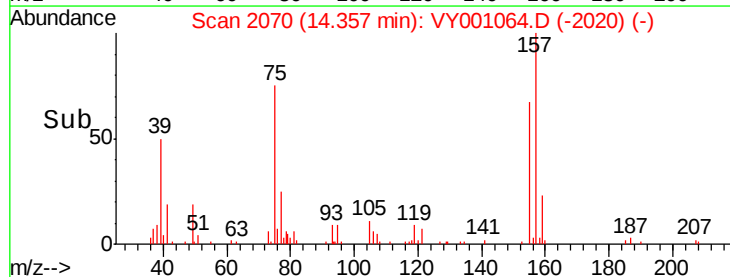
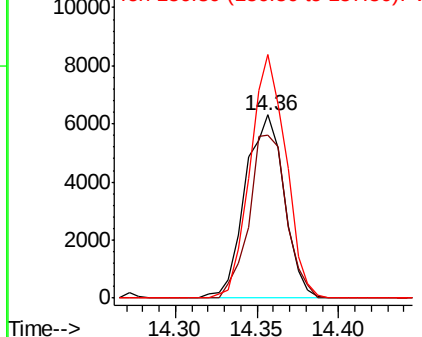


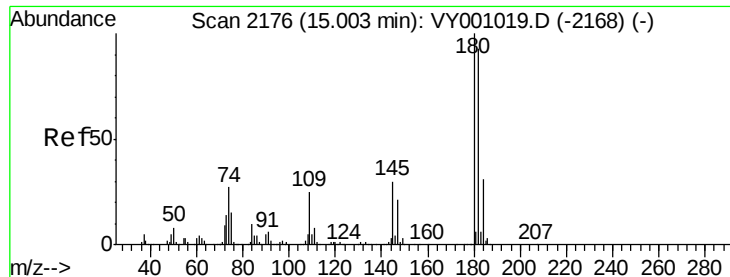
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





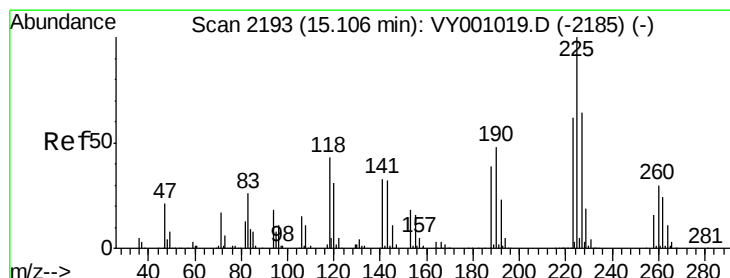
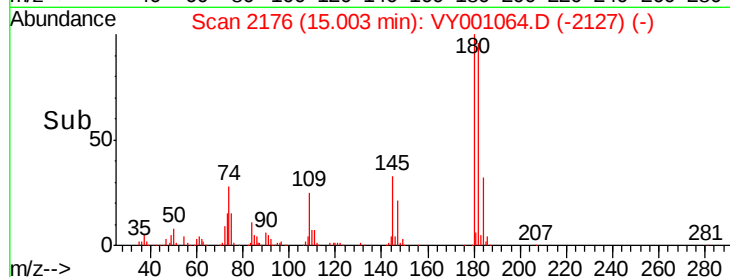
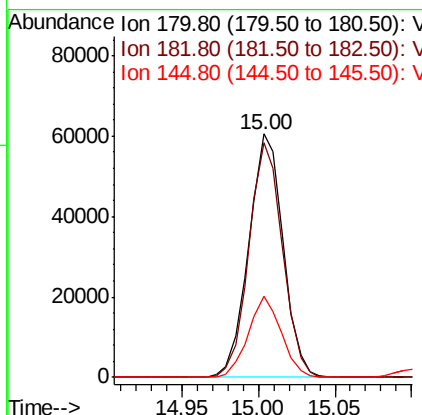
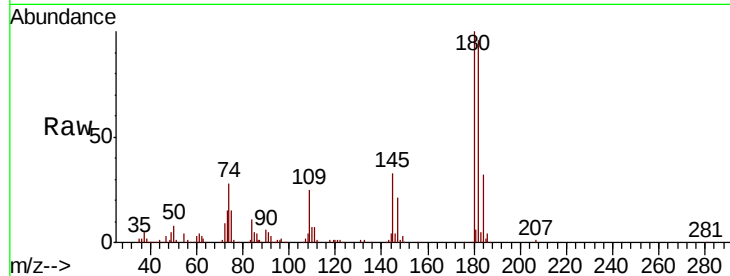
#93
 1,2,4-Trichlorobenzene
 Concen: 19.742 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.3
145	31.9	15.3	45.9

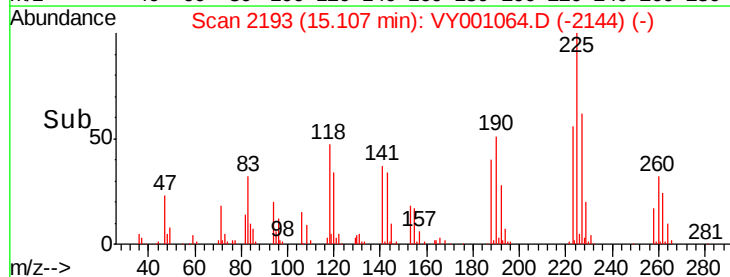
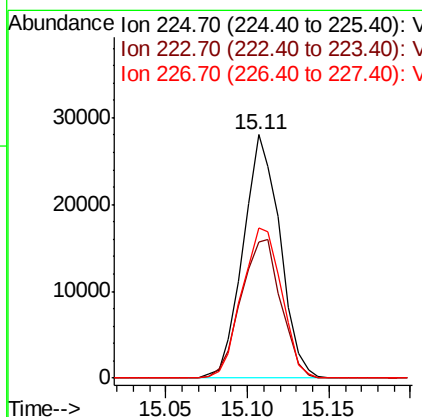
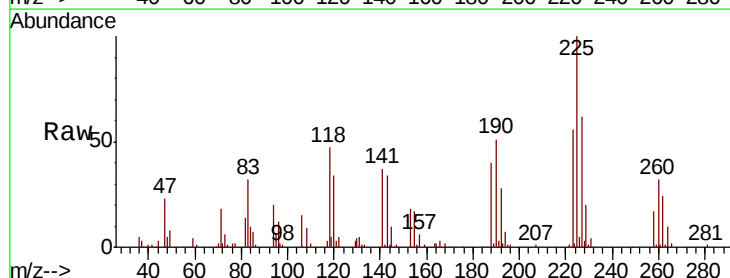
Manual Integrations
 APPROVED

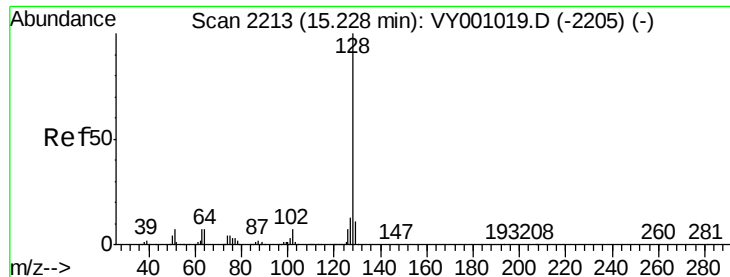
apatel
 12/27/2019 11:04:29 AM



#94
 Hexachlorobutadiene
 Concen: 19.369 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001064.D
 Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.6	94.8
227	66.6	31.9	95.5





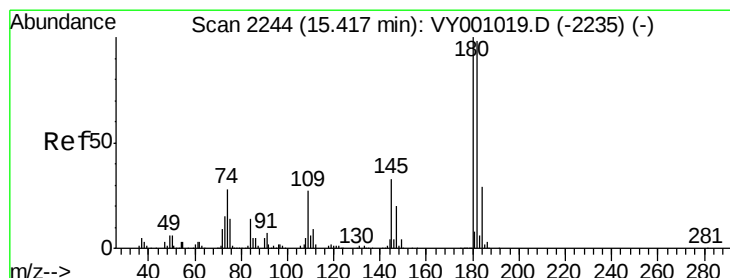
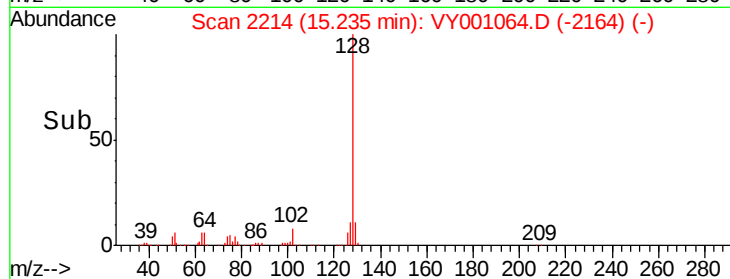
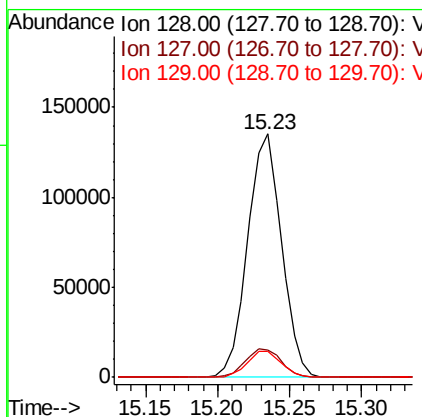
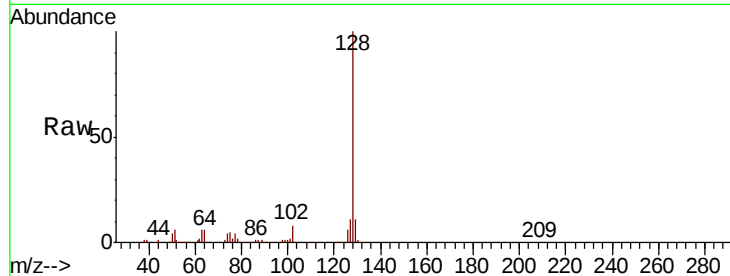
#95
Naphthalene
Concen: 19.560 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219748		
127	12.3		9.9	14.9
129	10.9		8.6	13.0

Manual Integrations
APPROVED

apatel
12/27/2019 11:04:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.200 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001064.D
Acq: 26 Dec 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81794		
182	95.8		47.9	143.8
145	33.0		16.3	48.9

