

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001021.D
 Acq On : 23 Dec 2019 11:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:06:02 AM

Quant Time: Dec 23 12:08:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 11:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	601201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	531594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	472716	141.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.56%	
35) Dibromofluoromethane	7.72	113	483544	134.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.38%	
50) Toluene-d8	10.18	98	1982160	142.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.00%	
62) 4-Bromofluorobenzene	12.48	95	648408	124.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	249.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	391925	131.519	ug/l	98
3) Chloromethane	2.12	50	525813	129.323	ug/l	99
4) Vinyl Chloride	2.25	62	511548	129.593	ug/l	98
5) Bromomethane	2.63	94	271984	109.370	ug/l	97
6) Chloroethane	2.78	64	318980	129.769	ug/l	90
7) Trichlorofluoromethane	3.12	101	778487	135.339	ug/l	97
8) Diethyl Ether	3.53	74	323011	137.978	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	505769	133.592	ug/l	98
10) Methyl Iodide	4.09	142	776556	151.461	ug/l	99
11) Tert butyl alcohol	4.97	59	243863	657.547	ug/l	100
12) 1,1-Dichloroethene	3.87	96	525956	137.887	ug/l	96
13) Acrolein	3.73	56	323050	711.651	ug/l	99
14) Allyl chloride	4.48	41	794388	133.380	ug/l	99
15) Acrylonitrile	5.18	53	805634	688.343	ug/l	100
16) Acetone	3.95	43	512450	659.831	ug/l	97
17) Carbon Disulfide	4.19	76	1749705	140.845	ug/l	99
18) Methyl Acetate	4.48	43	411243	139.142	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1356374	137.753	ug/l	97
20) Methylene Chloride	4.72	84	582556	126.672	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	581539	137.509	ug/l	96
22) Diisopropyl ether	6.13	45	1538666	126.872	ug/l	97
23) Vinyl Acetate	6.07	43	4894374	639.817	ug/l	98
24) 1,1-Dichloroethane	6.03	63	950932	133.720	ug/l	98
25) 2-Butanone	7.00	43	908218	666.716	ug/l	95
26) 2,2-Dichloropropane	6.99	77	761667	129.785	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	634669	136.433	ug/l	99
28) Bromochloromethane	7.34	49	381149	138.038	ug/l	92
29) Tetrahydrofuran	7.35	42	626991	643.684	ug/l	96
30) Chloroform	7.52	83	908793	135.407	ug/l	100
31) Cyclohexane	7.79	56	933767	123.415	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	793372	139.162	ug/l	99
36) 1,1-Dichloropropene	7.93	75	763255	130.142	ug/l	99
37) Ethyl Acetate	7.08	43	413693	126.926	ug/l	99
38) Carbon Tetrachloride	7.91	117	695622	136.328	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1041719	134.403	ug/l	99
40) Benzene	8.17	78	2330856	132.018	ug/l	98
41) Methacrylonitrile	7.33	41	199386m	143.818	ug/l	
42) 1,2-Dichloroethane	8.24	62	561642	133.237	ug/l	100
43) Isopropyl Acetate	8.28	43	797518	133.113	ug/l	99
44) Trichloroethene	8.94	130	607744	130.405	ug/l	98
45) 1,2-Dichloropropane	9.22	63	579861	130.725	ug/l	99
46) Dibromomethane	9.31	93	305864	134.310	ug/l	99
47) Bromodichloromethane	9.50	83	715654	135.914	ug/l	100
48) Methyl methacrylate	9.30	41	346582	136.002	ug/l	98
49) 1,4-Dioxane	9.30	88	91849	2770.249	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	2012517	640.870	ug/l	99
52) Toluene	10.24	92	1411076	129.476	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	793719	139.448	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	924206	134.245	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	452000	132.710	ug/l	95
56) Ethyl methacrylate	10.51	69	667190	138.549	ug/l	98
57) 1,3-Dichloropropane	10.79	76	790129	132.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1181299	625.514	ug/l	100
59) 2-Hexanone	10.83	43	1415589	653.322	ug/l	99
60) Dibromochloromethane	10.99	129	508154	140.985	ug/l	99
61) 1,2-Dibromoethane	11.09	107	445443	137.511	ug/l	100
64) Tetrachloroethene	10.72	164	585924	123.659	ug/l	98
65) Chlorobenzene	11.51	112	1483415	131.807	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	500448	135.276	ug/l	100
67) Ethyl Benzene	11.59	91	2662672	131.488	ug/l	99
68) m/p-Xylenes	11.70	106	2017199	262.241	ug/l	100
69) o-Xylene	12.02	106	945012	130.496	ug/l	100
70) Styrene	12.04	104	1644632	134.113	ug/l	100
71) Bromoform	12.20	173	298504	146.798	ug/l #	100
73) Isopropylbenzene	12.33	105	2498816	136.079	ug/l	99
74) N-amyl acetate	12.14	43	662550	137.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	506771	140.841	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	324013m	107.143	ug/l	
77) Bromobenzene	12.61	156	553850	133.755	ug/l	98
78) n-propylbenzene	12.67	91	3040997	135.877	ug/l	100
79) 2-Chlorotoluene	12.75	91	1645942	132.693	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	2028844	134.557	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	205428	152.554	ug/l	98
82) 4-Chlorotoluene	12.85	91	1721989	133.827	ug/l	100
83) tert-Butylbenzene	13.07	119	1706200	134.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	2006508	132.054	ug/l	100
85) sec-Butylbenzene	13.25	105	2494706	133.545	ug/l	100
86) p-Isopropyltoluene	13.36	119	2109480	129.977	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1029949	128.780	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1047696	130.046	ug/l	100
89) n-Butylbenzene	13.69	91	2139775	131.230	ug/l	99
90) Hexachloroethane	13.95	117	422345	139.641	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	965125	131.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	82685	136.714	ug/l	98

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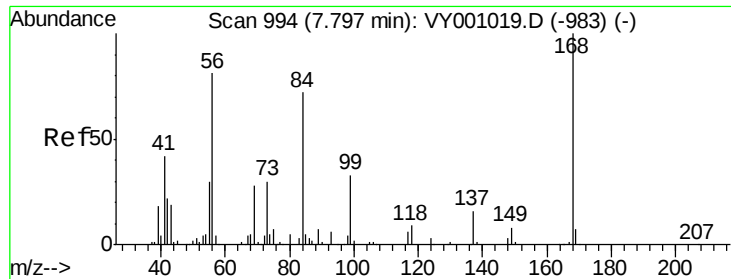
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	651191	131.118	ug/l	99
94) Hexachlorobutadiene	15.11	225	308652	130.507	ug/l	98
95) Naphthalene	15.23	128	1608747	138.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	591874	134.084	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 334963

Ion Ratio Lower Upper

168 100

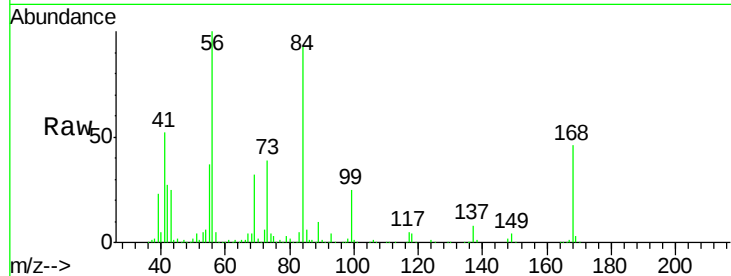
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Manual Integrations

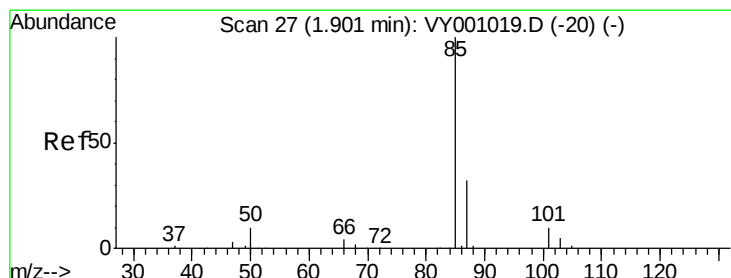
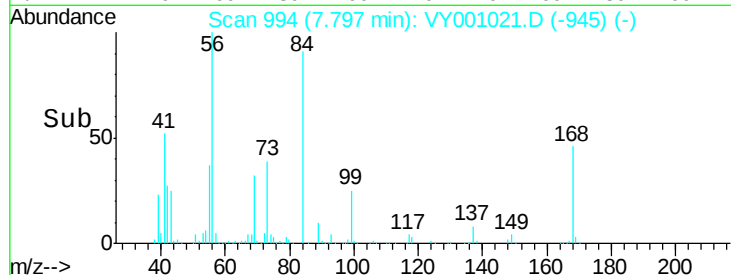
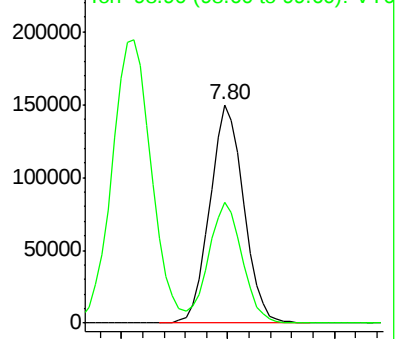
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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 131.519 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001021.D

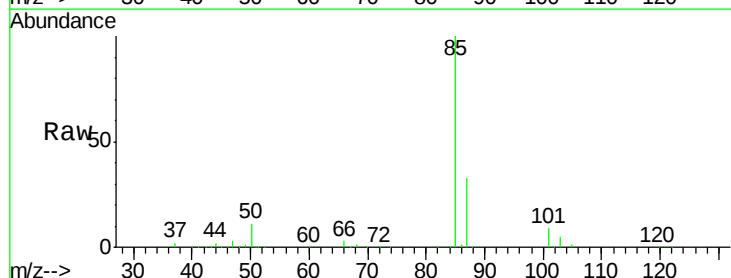
Acq: 23 Dec 2019 11:49

Tgt Ion: 85 Resp: 391925

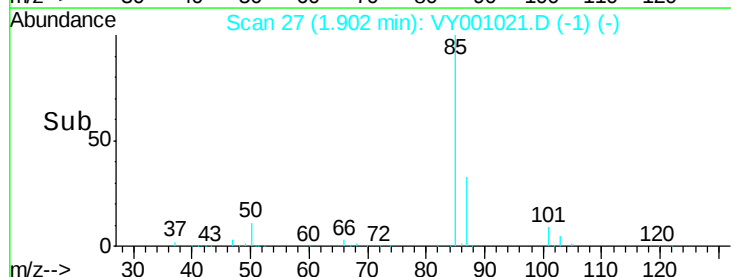
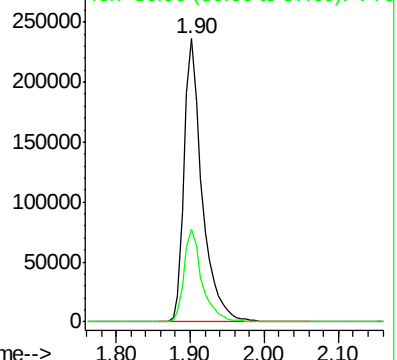
Ion Ratio Lower Upper

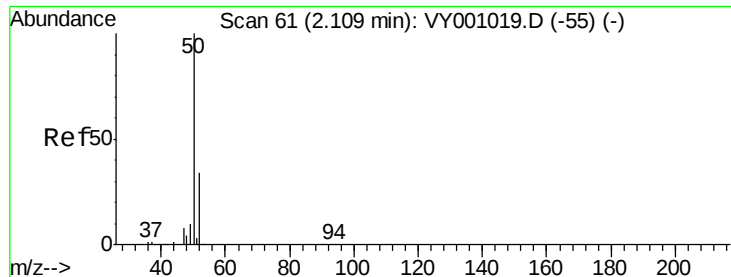
85 100

87 32.7 15.9 47.7



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





#3

Chloromethane

Concen: 129.323 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 525813

Ion Ratio Lower Upper

50 100

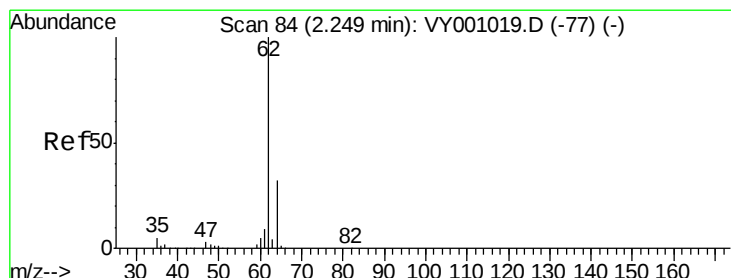
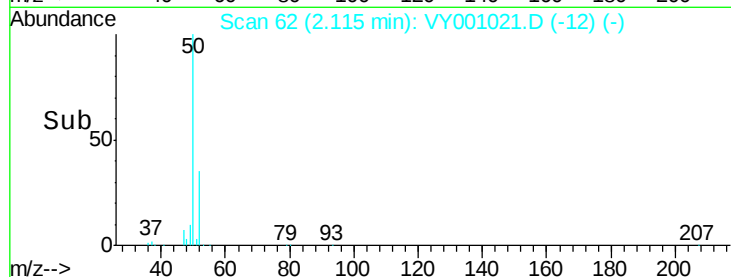
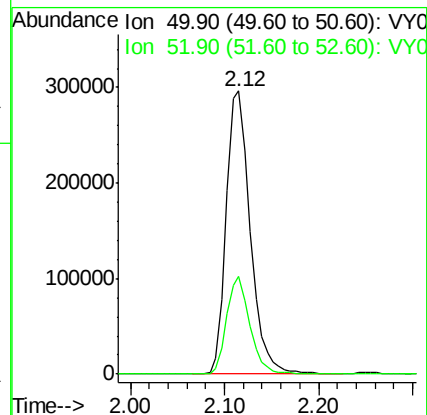
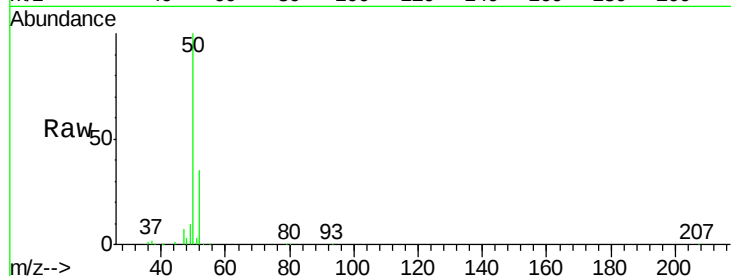
52 34.6 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 129.593 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001021.D

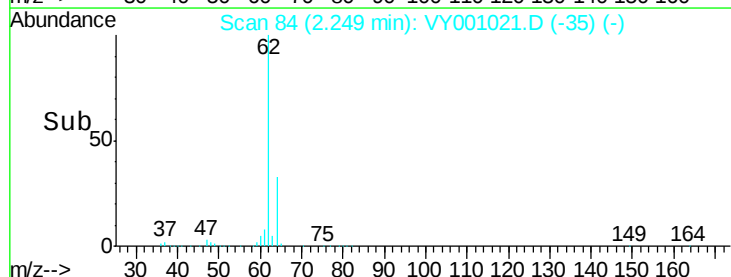
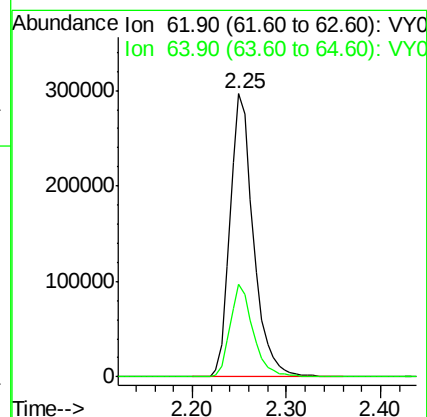
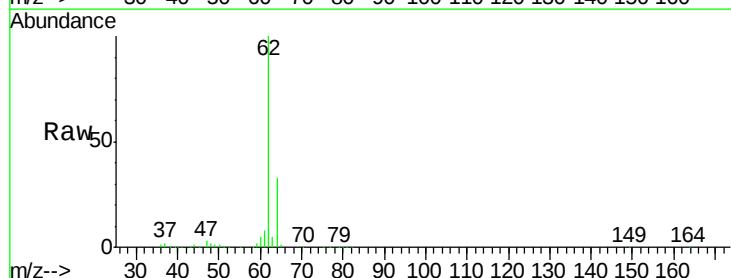
Acq: 23 Dec 2019 11:49

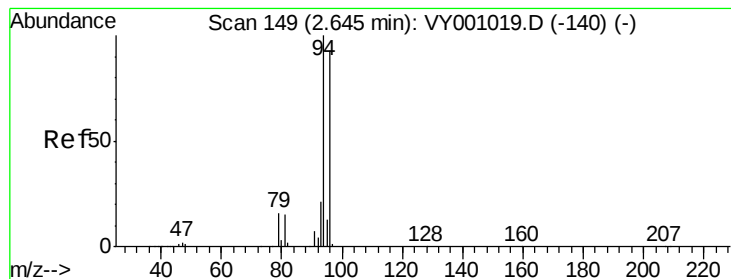
Tgt Ion: 62 Resp: 511548

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





#5

Bromomethane

Concen: 109.370 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 271984

Ion Ratio Lower Upper

94 100

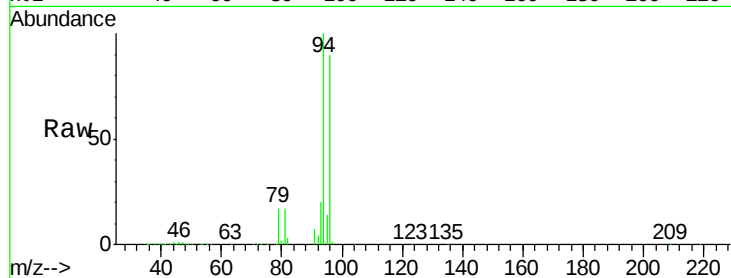
96 90.3 74.2 111.4

Manual Integrations

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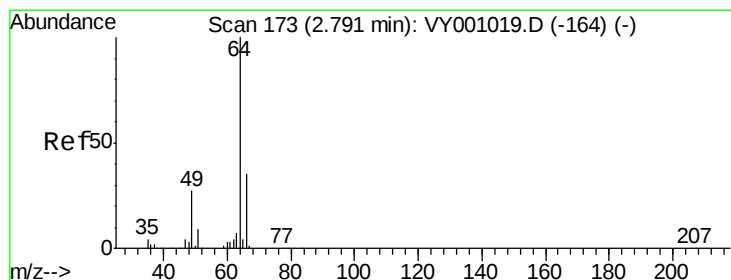
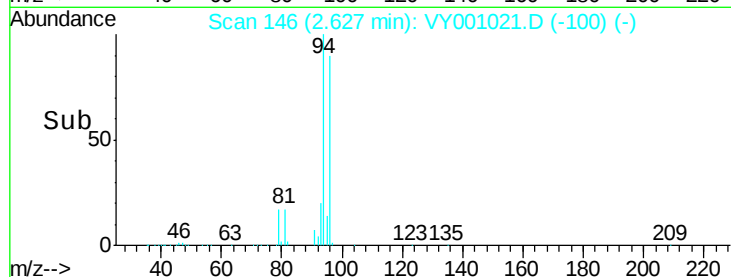
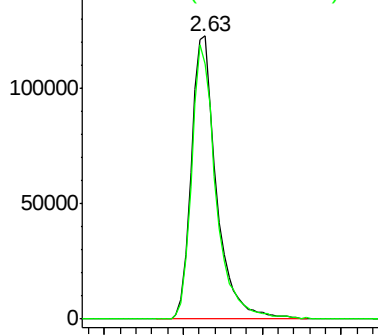
apatel

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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: 129.769 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY001021.D

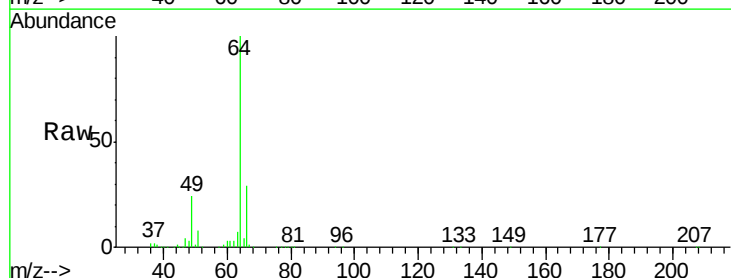
Acq: 23 Dec 2019 11:49

Tgt Ion: 64 Resp: 318980

Ion Ratio Lower Upper

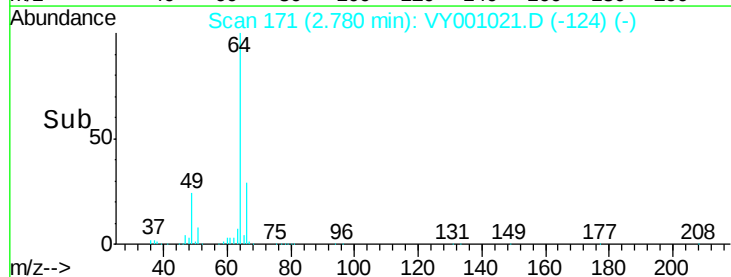
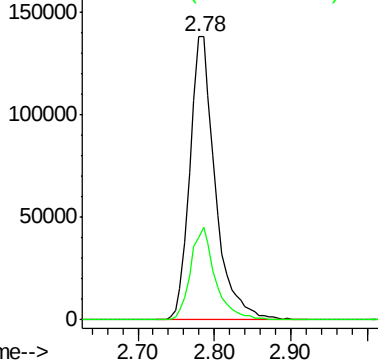
64 100

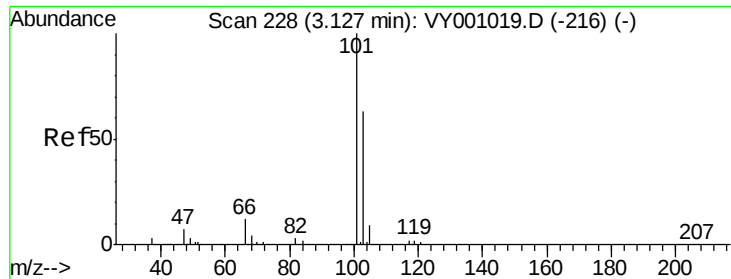
66 29.0 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

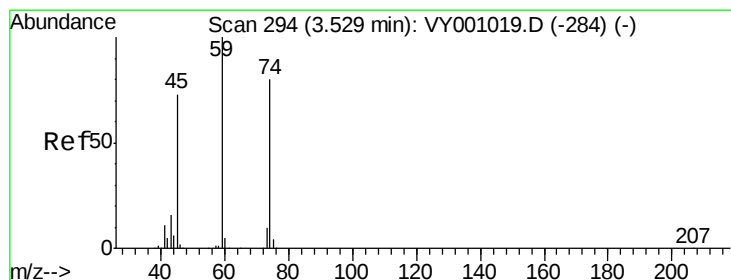
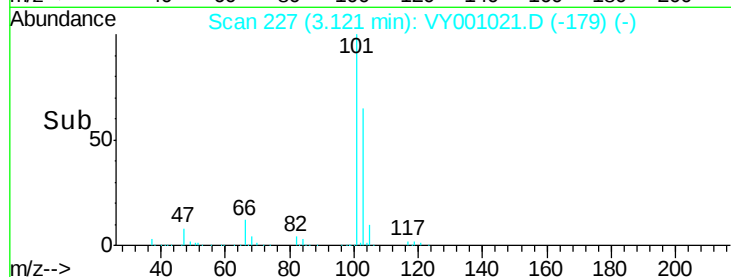
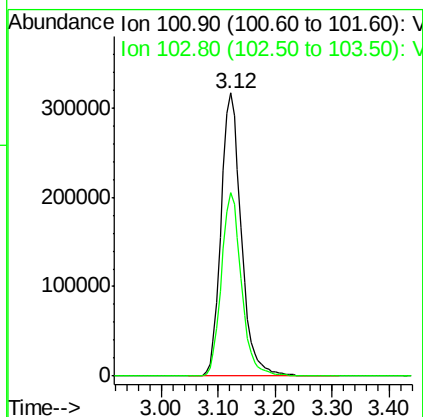
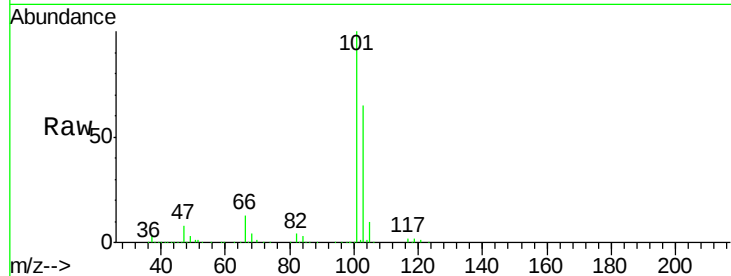
Trichlorofluoromethane
Concen: 135.339 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.2	75.2

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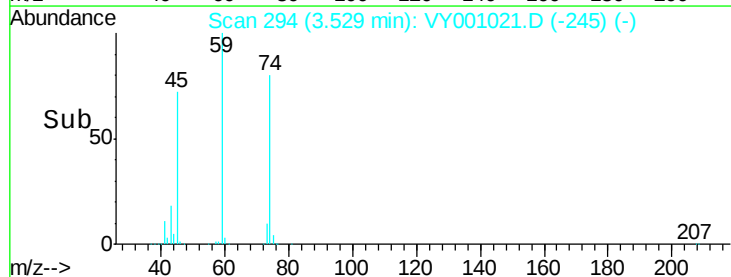
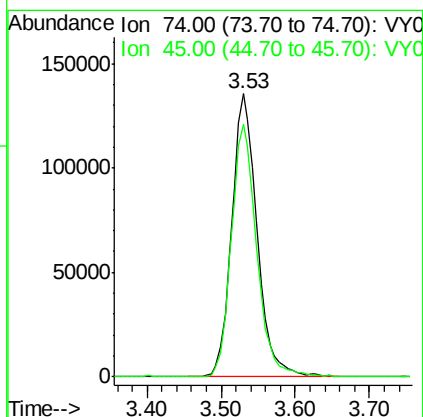
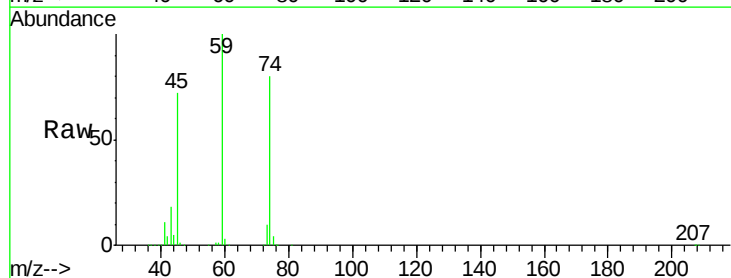
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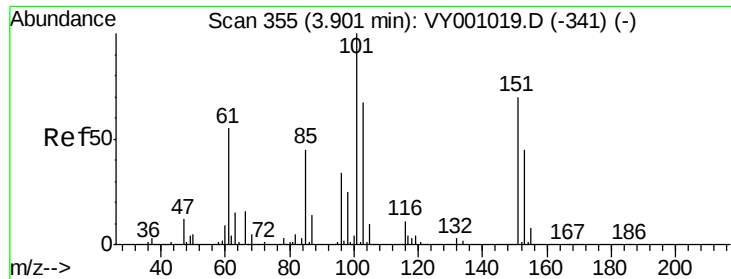


#8

Diethyl Ether
Concen: 137.978 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001021.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	46.4	139.2





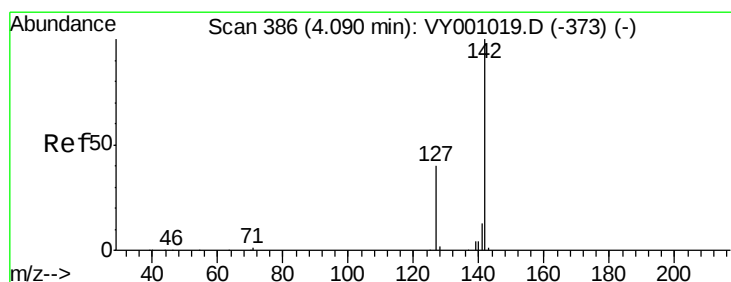
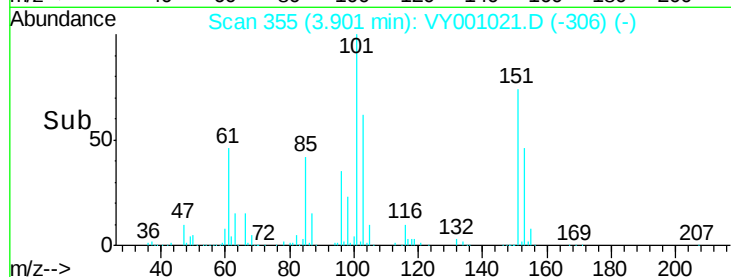
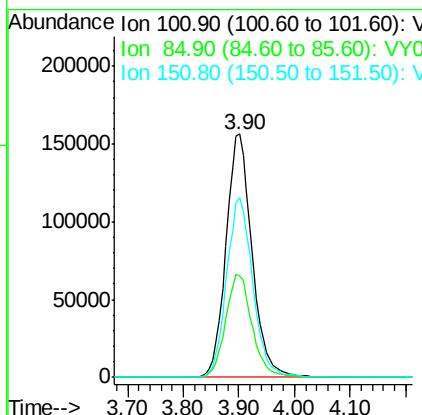
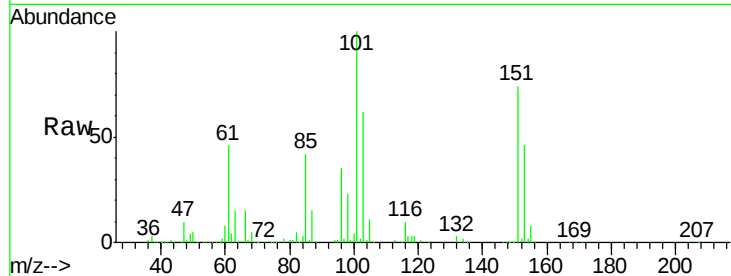
#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.592 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	505769		
85	42.9		34.2	51.2
151	74.3		57.0	85.6

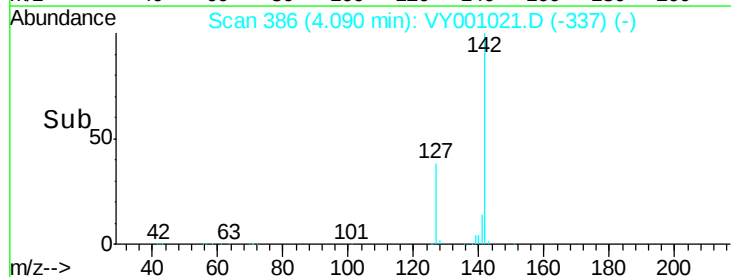
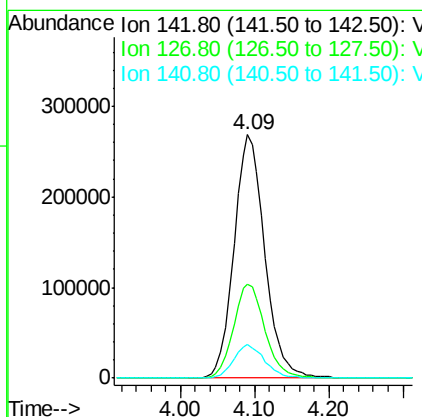
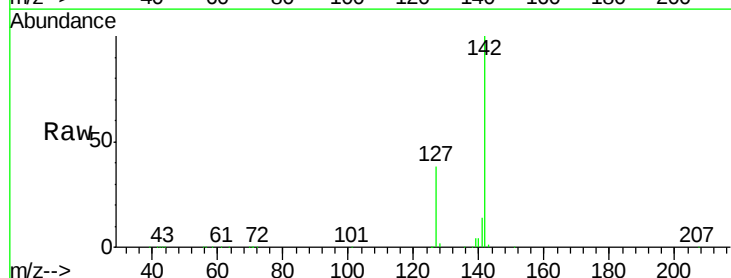
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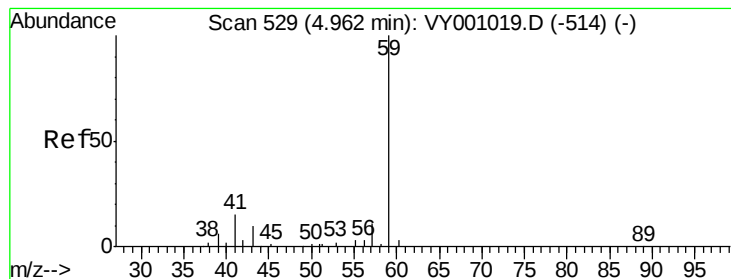
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#10
Methyl Iodide
Concen: 151.461 ug/l
RT: 4.09 min Scan# 386
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	776556		
127	39.4		31.2	46.8
141	13.9		11.0	16.4





#11

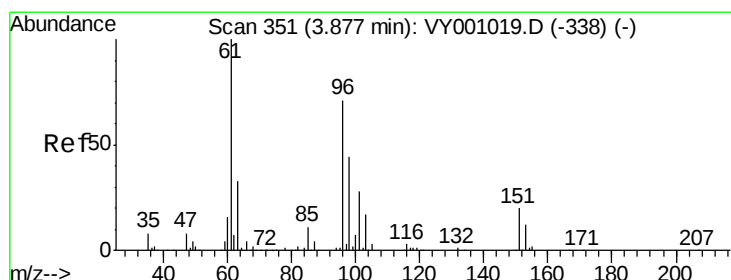
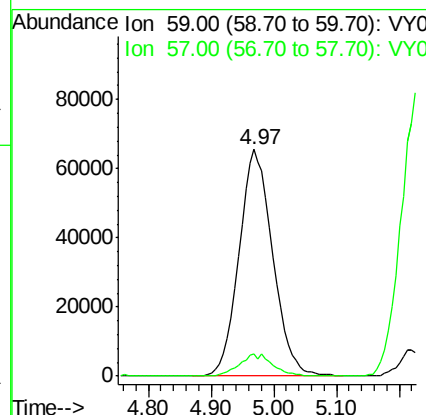
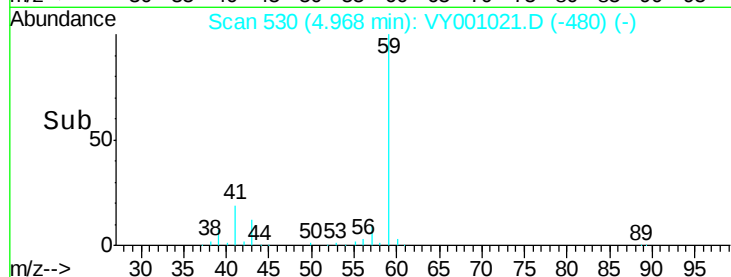
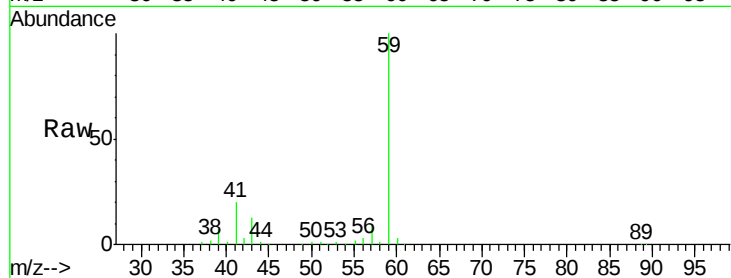
Tert butyl alcohol
 Concen: 657.547 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	59	57	Ratio	100	9.6	Resp	243863	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	9.6	Resp	243863	Lower	7.8	Upper	11.6

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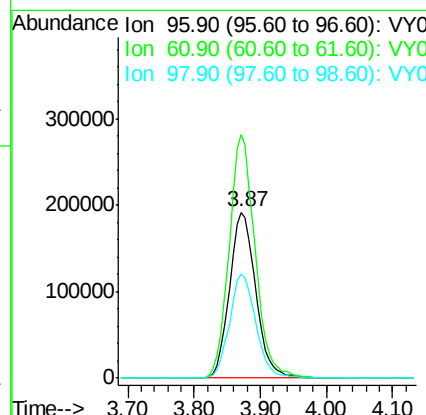
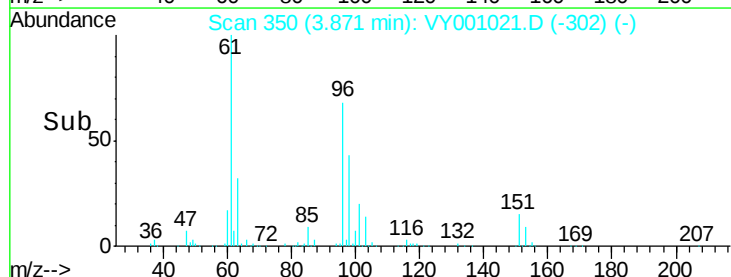
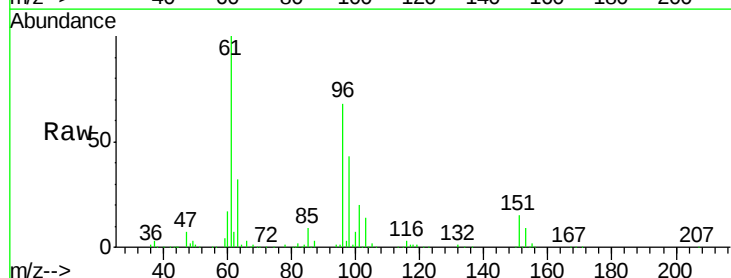
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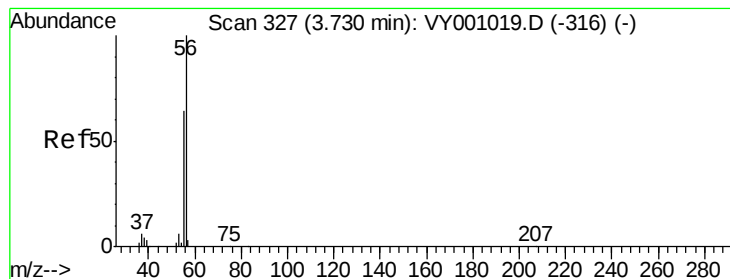


#12

1,1-Dichloroethene
 Concen: 137.887 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion	96	61	98	Ratio	100	147.1	62.9	Resp	525956	Lower	113.0	49.8	Upper	169.4	74.8
Ion	96	61	98	Ratio	100	147.1	62.9	Resp	525956	Lower	113.0	49.8	Upper	169.4	74.8





#13

Acrolein

Concen: 711.651 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 323050

Ion Ratio Lower Upper

56 100

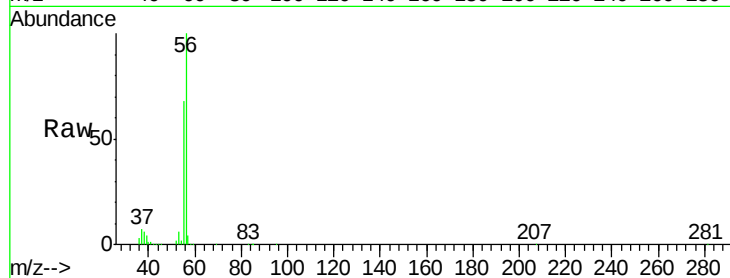
55 68.6 55.6 83.4

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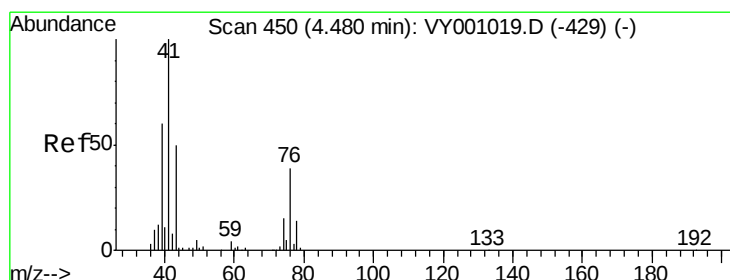
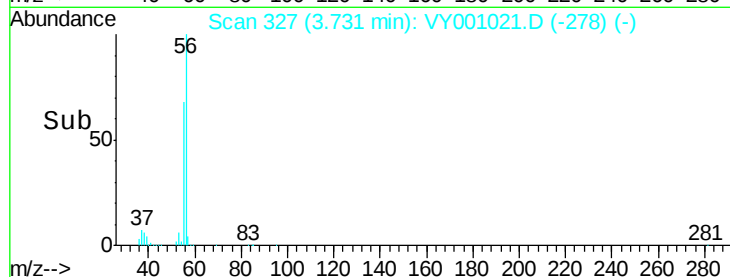
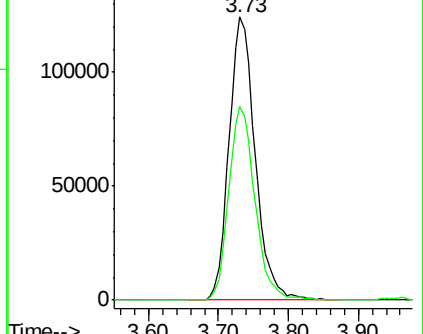
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 133.380 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

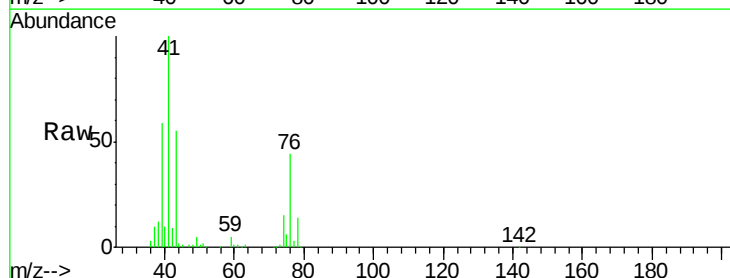
Tgt Ion: 41 Resp: 794388

Ion Ratio Lower Upper

41 100

39 58.2 46.0 69.0

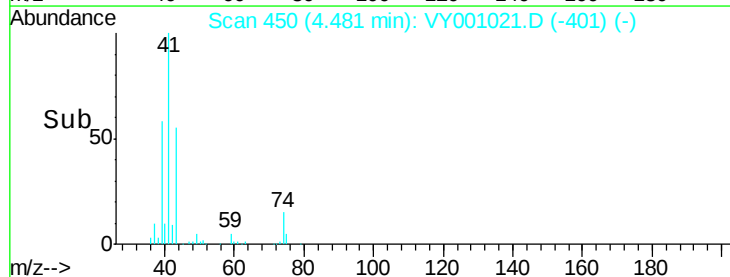
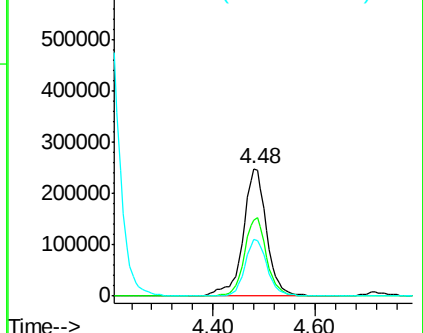
76 41.8 32.6 48.8

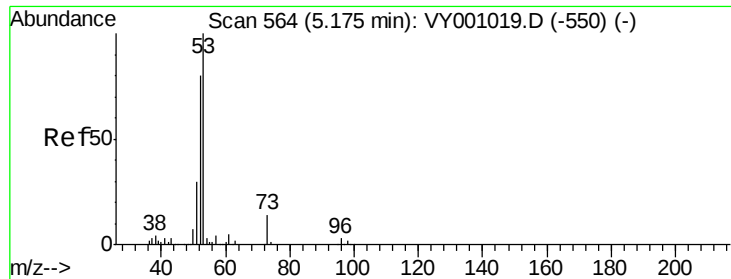


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 688.343 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

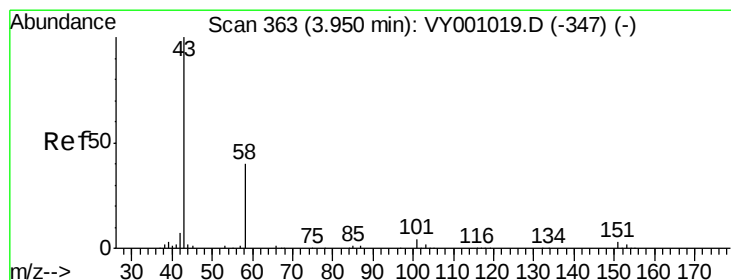
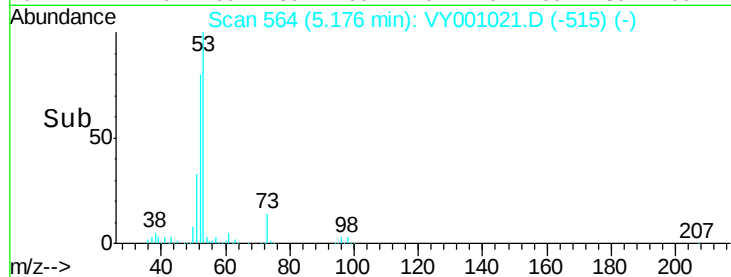
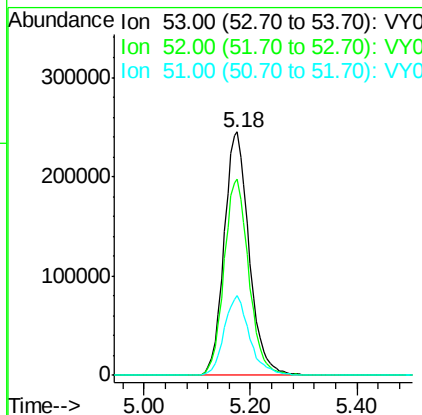
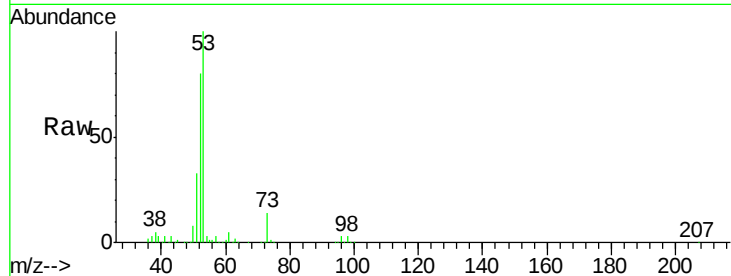
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	805634
Ion Ratio	Lower	Upper	
53	100		
52	79.8	63.6	95.4
51	33.4	26.7	40.1

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#16

Acetone

Concen: 659.831 ug/l

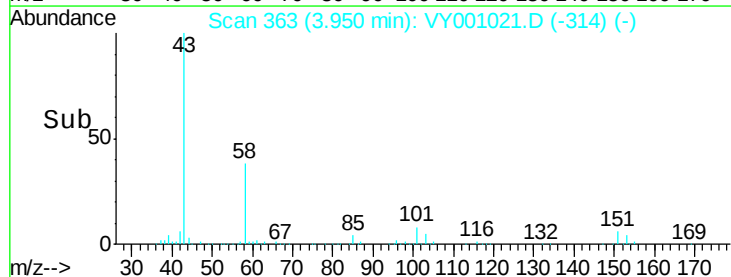
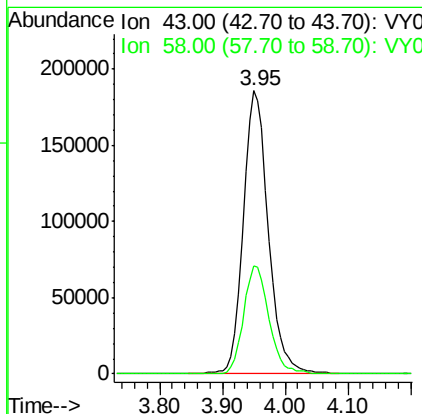
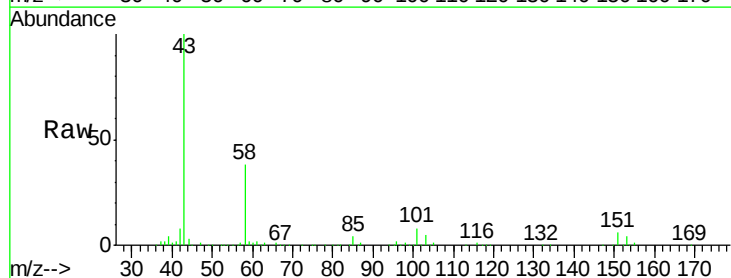
RT: 3.95 min Scan# 363

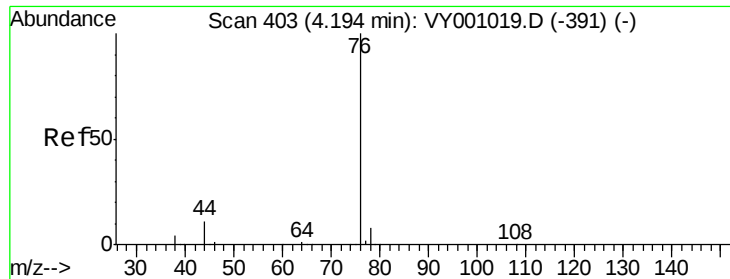
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	43	Resp:	512450
Ion Ratio	Lower	Upper	
43	100		
58	38.2	32.1	48.1





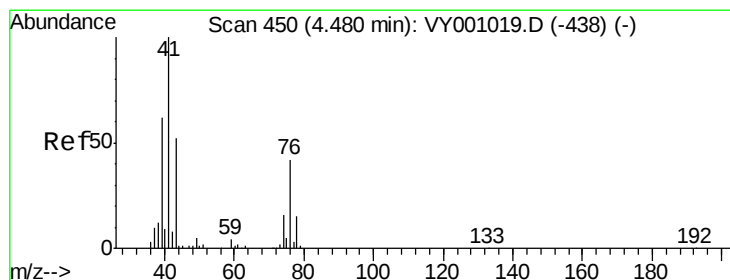
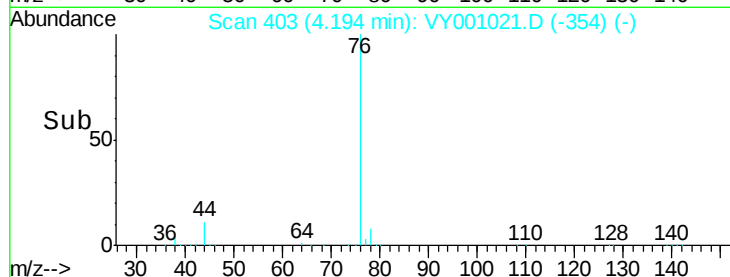
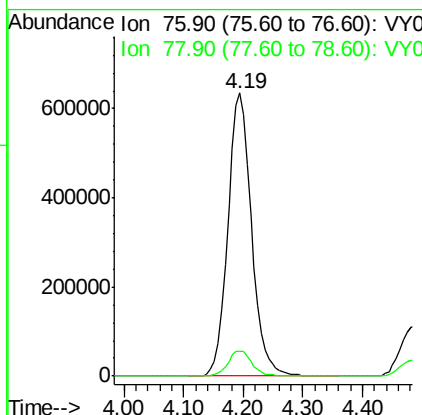
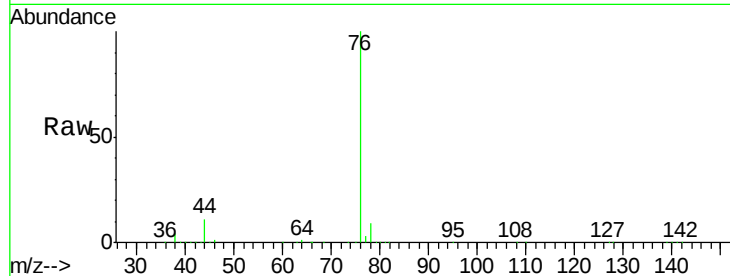
#17
Carbon Disulfide
Concen: 140.845 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion: 76 Resp: 1749705
Ion Ratio Lower Upper
76 100
78 8.8 6.7 10.1

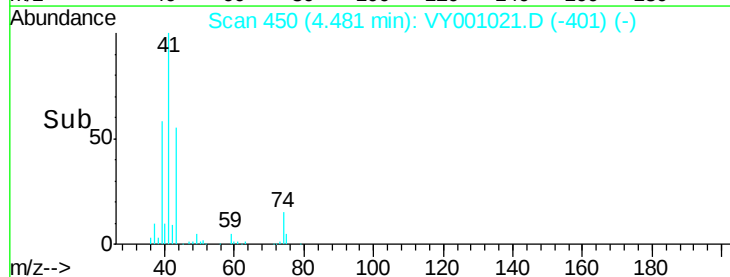
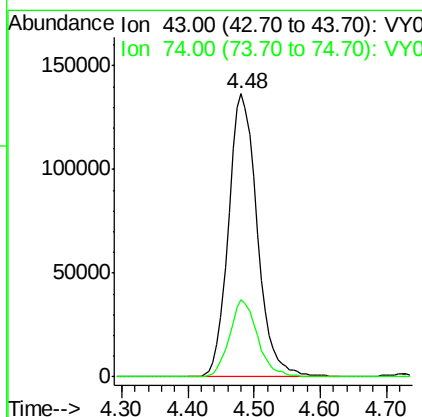
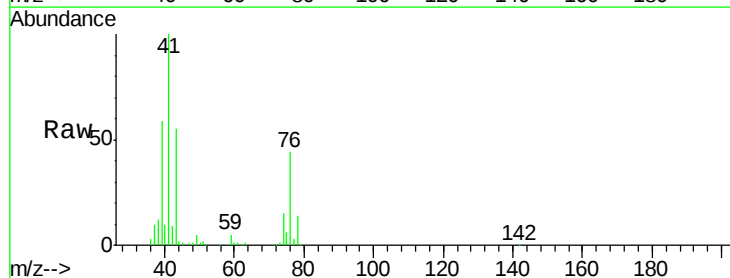
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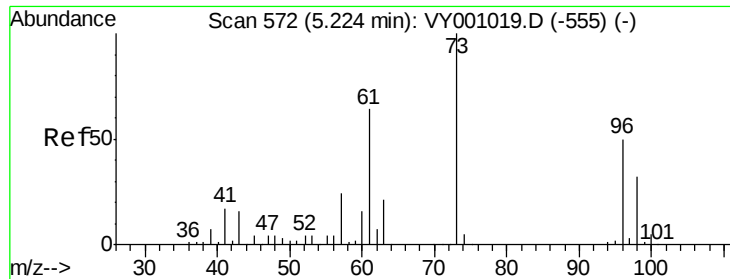
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#18
Methyl Acetate
Concen: 139.142 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 43 Resp: 411243
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1





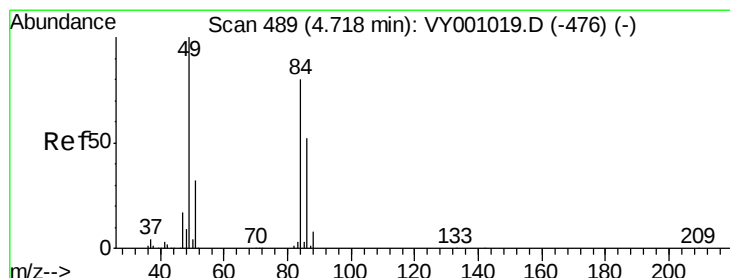
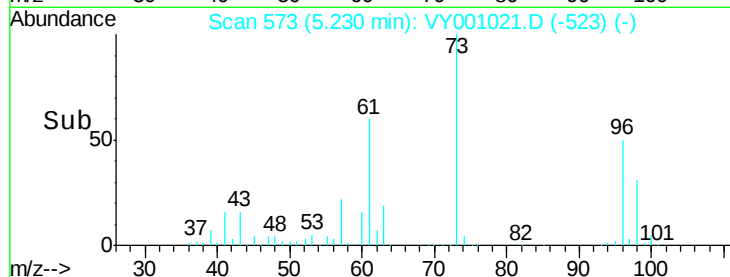
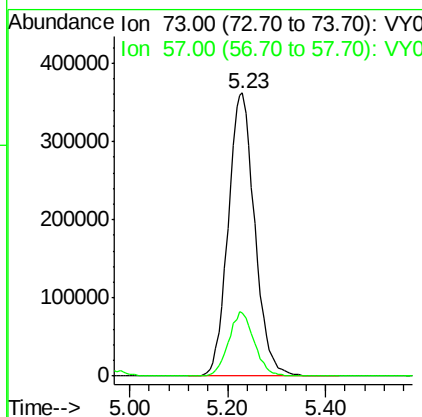
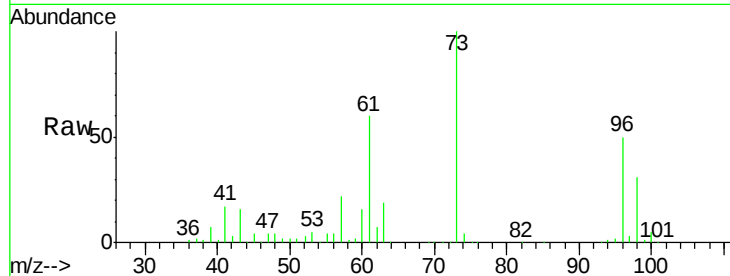
#19
Methvl tert-butvl Ether
Concen: 137.753 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1356374
Ion Ratio Lower Upper
73 100
57 22.2 19.0 28.6

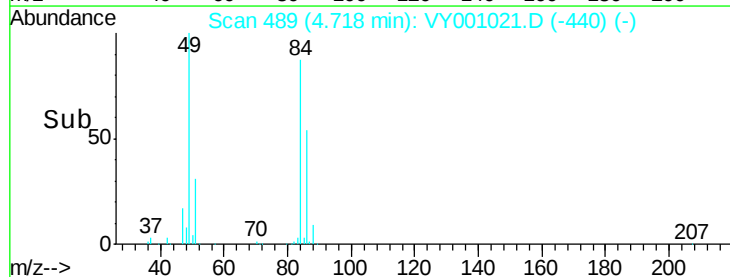
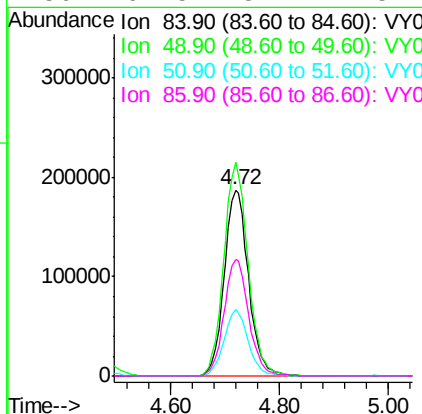
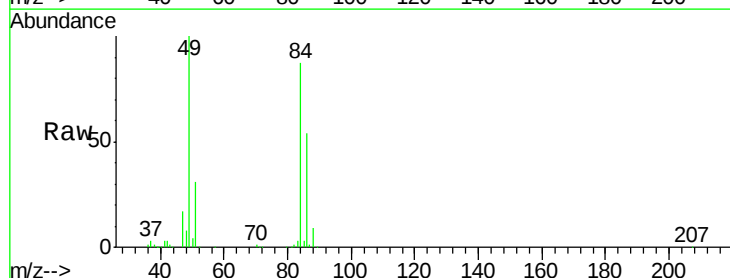
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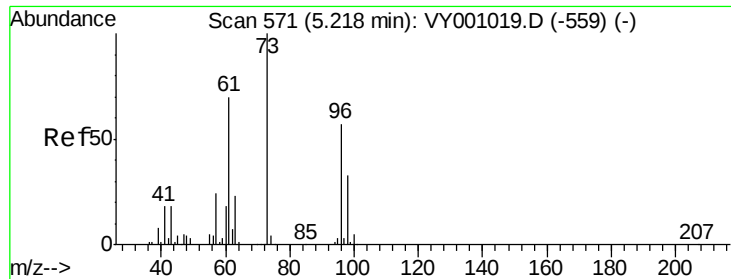
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#20
Methylene Chloride
Concen: 126.672 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 84 Resp: 582556
Ion Ratio Lower Upper
84 100
49 115.1 99.8 149.6
51 36.1 31.4 47.2
86 62.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 137.509 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

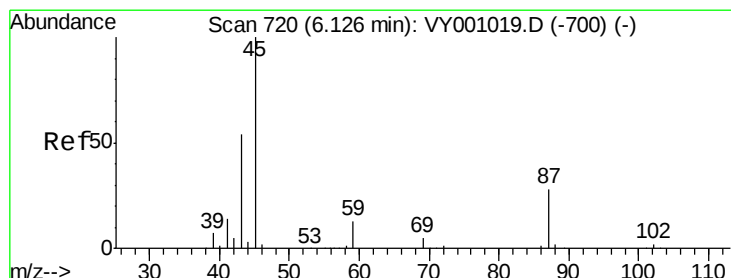
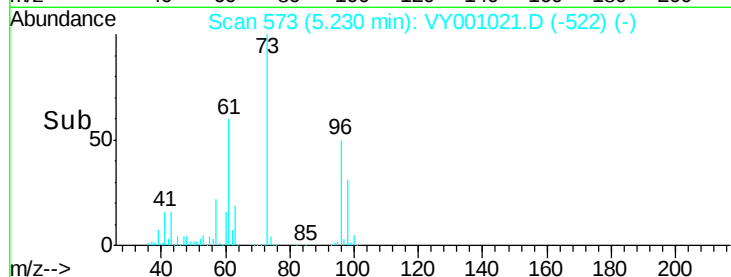
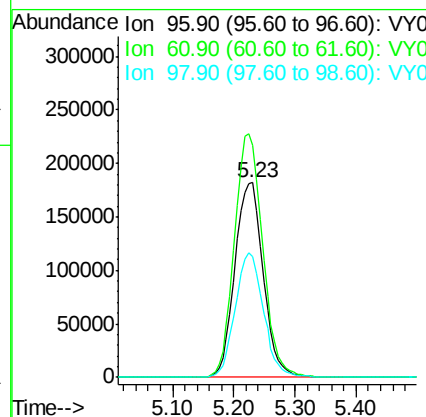
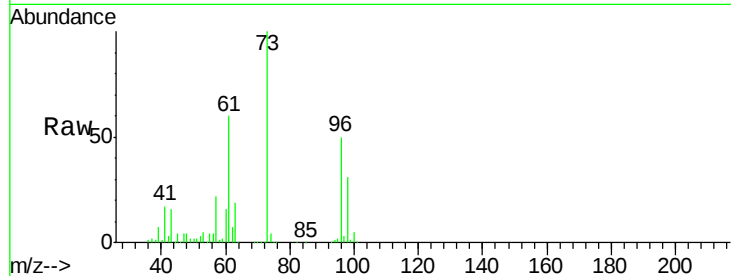
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	581539
Ion	Ratio	Lower	Upper
96	100		
61	119.2	98.1	147.1
98	62.4	47.2	70.8

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#22

Diisopropyl ether

Concen: 126.872 ug/l

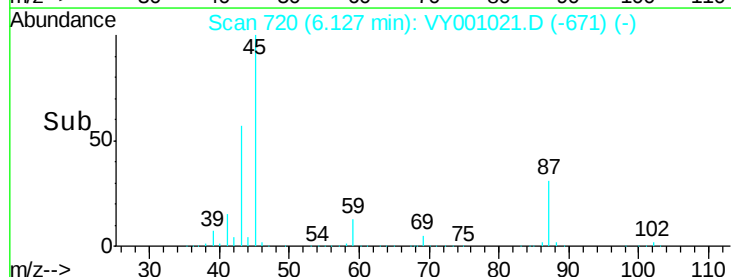
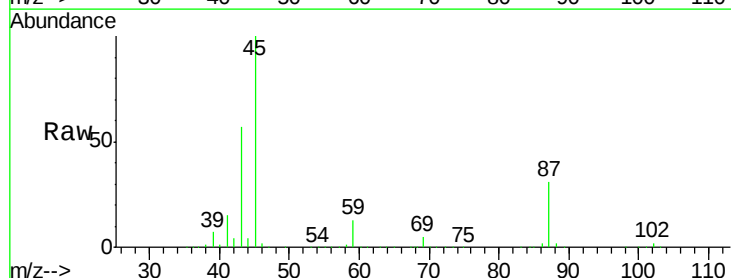
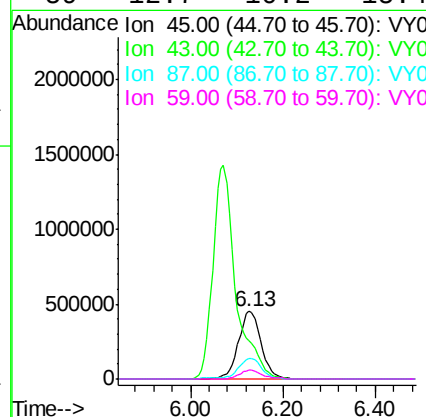
RT: 6.13 min Scan# 720

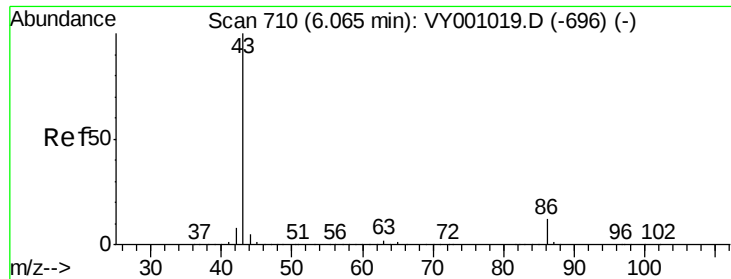
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	45	Resp:	1538666
Ion	Ratio	Lower	Upper
45	100		
43	57.1	43.6	65.4
87	30.5	23.1	34.7
59	12.7	10.2	15.4





#23

Vinyl Acetate

Concen: 639.817 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4894374

Ion Ratio Lower Upper

43 100

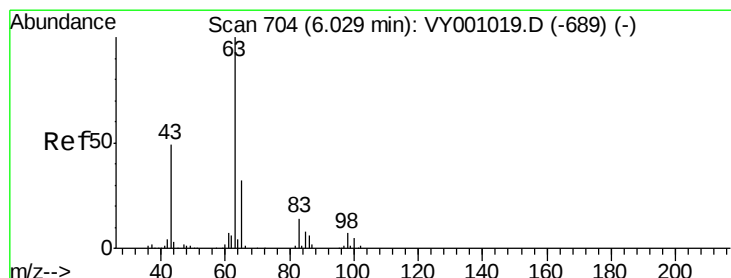
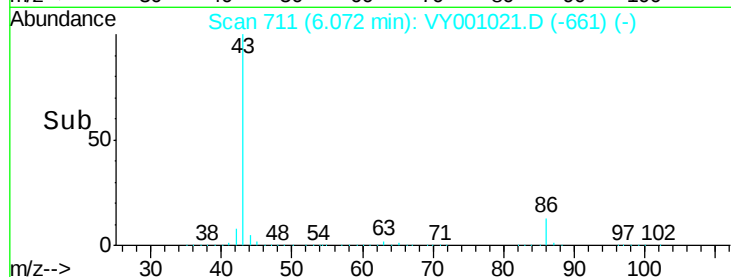
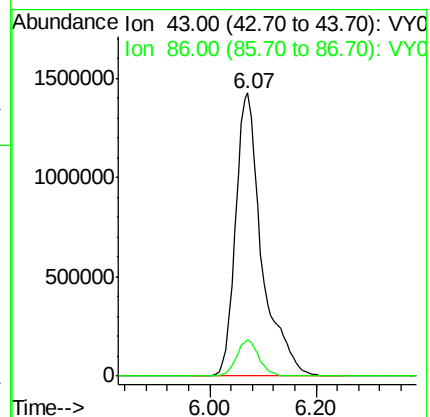
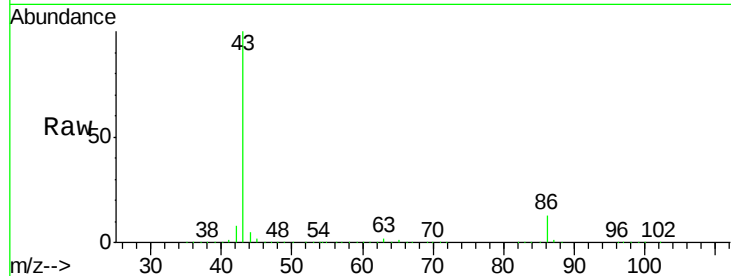
86 12.7 9.5 14.3

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#24

1,1-Dichloroethane

Concen: 133.720 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

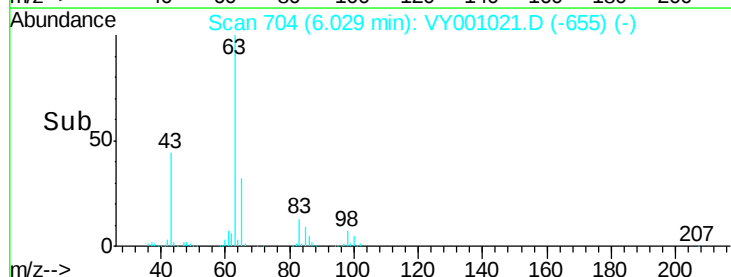
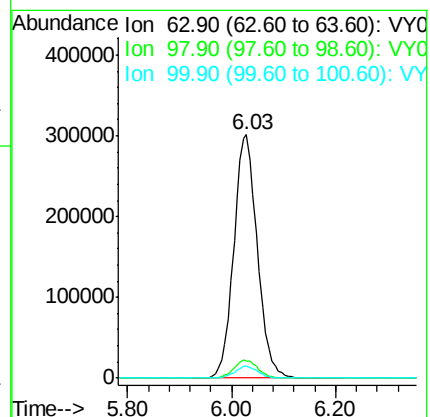
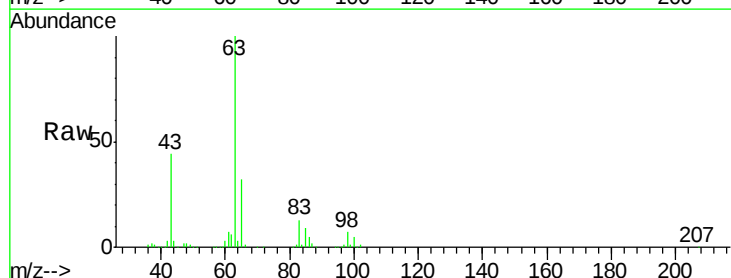
Tgt Ion: 63 Resp: 950932

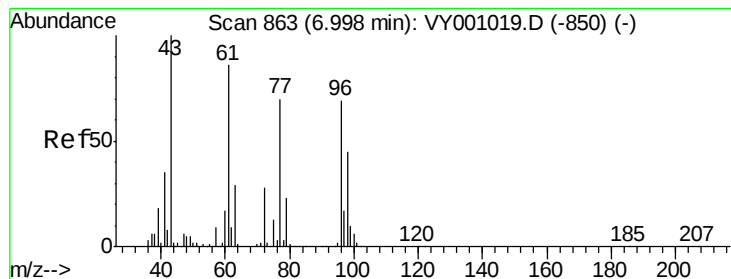
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 666.716 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 908218

Ion Ratio Lower Upper

43 100

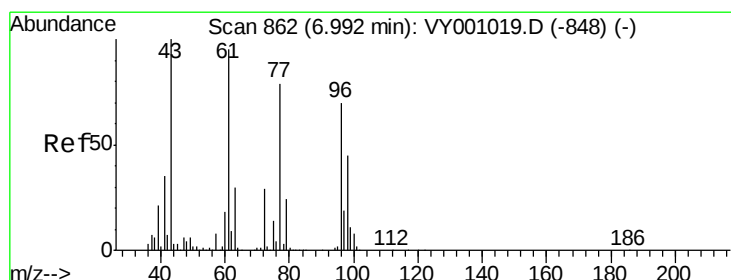
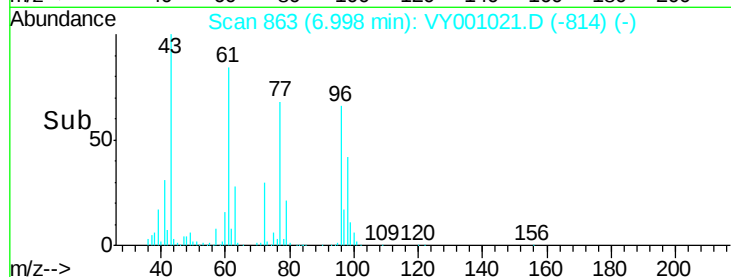
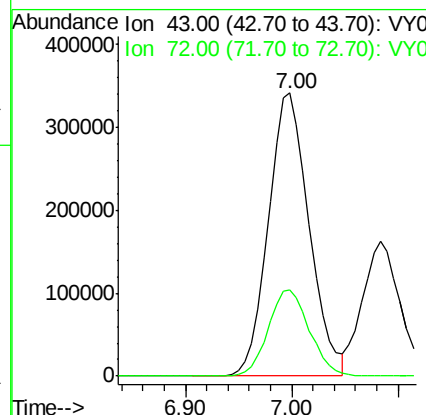
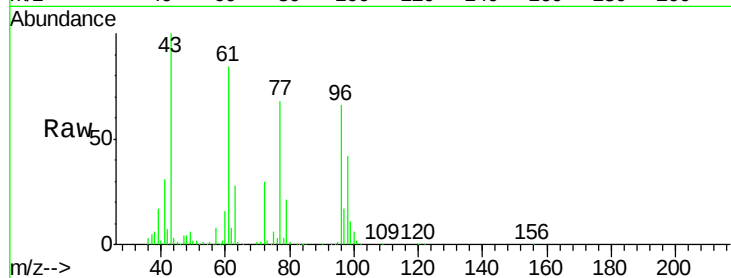
72 30.5 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 129.785 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001021.D

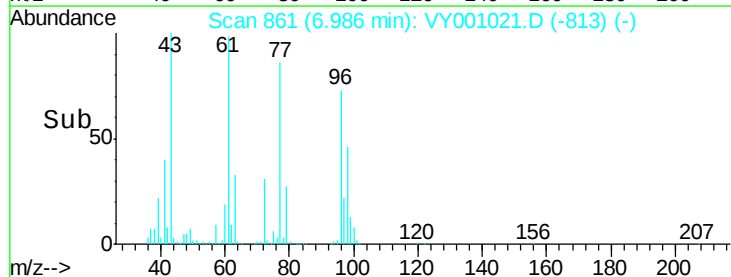
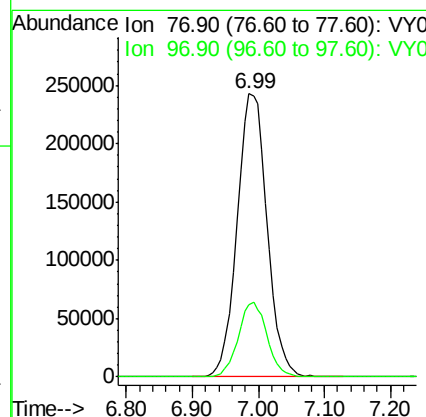
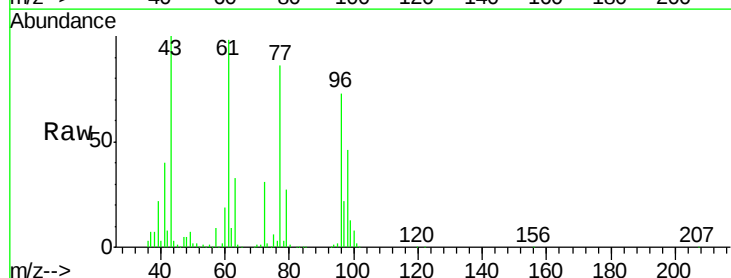
Acq: 23 Dec 2019 11:49

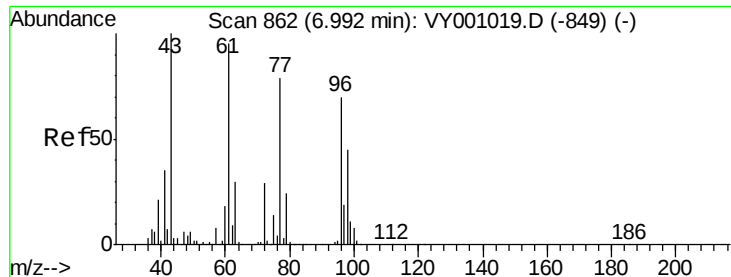
Tgt Ion: 77 Resp: 761667

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

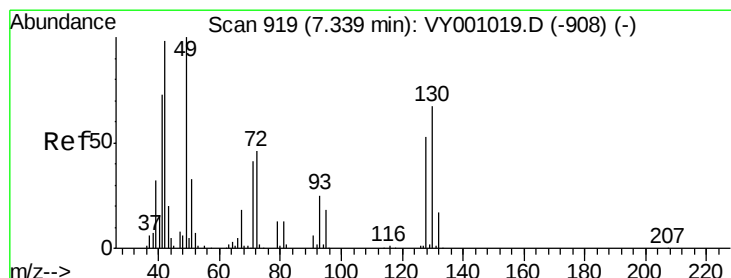
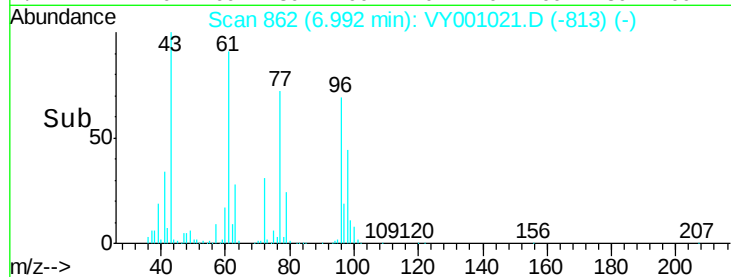
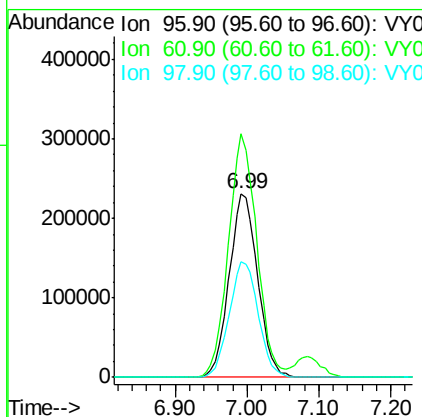
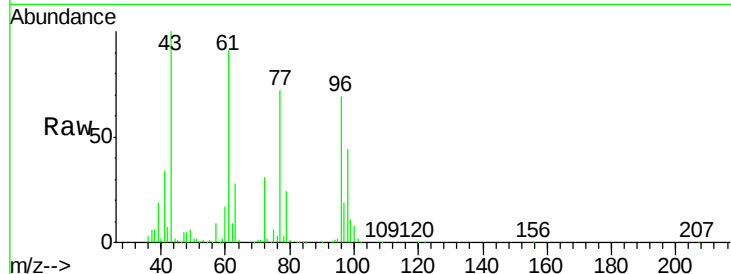
cis-1,2-Dichloroethene
Concen: 136.433 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	634669		
61	132.2		0.0	268.2
98	64.4		0.0	129.2

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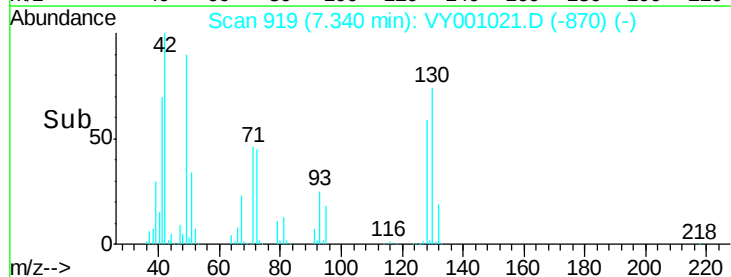
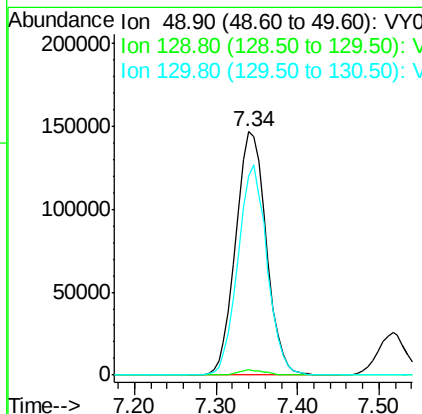
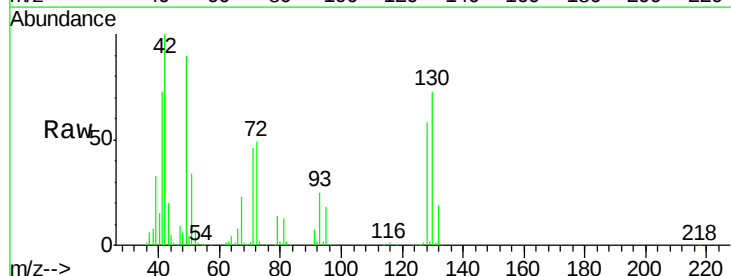
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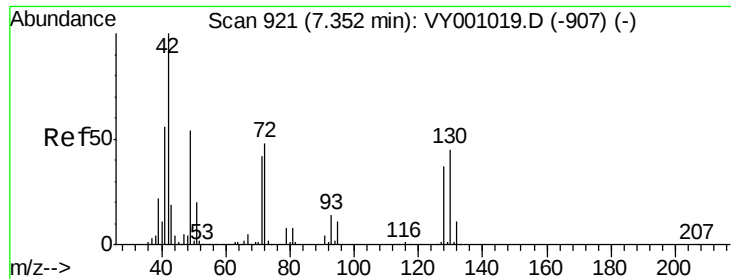


#28

Bromochloromethane
Concen: 138.038 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	381149		
129	2.0		0.0	3.8
130	82.4		60.4	90.6





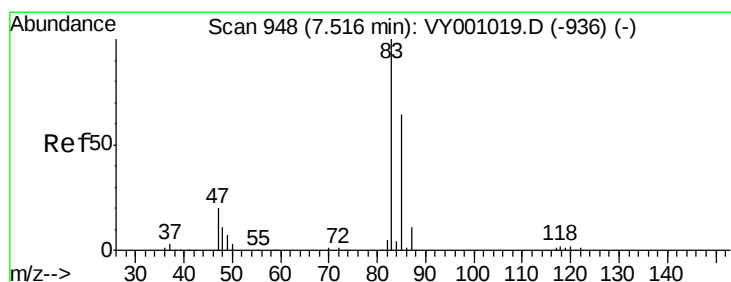
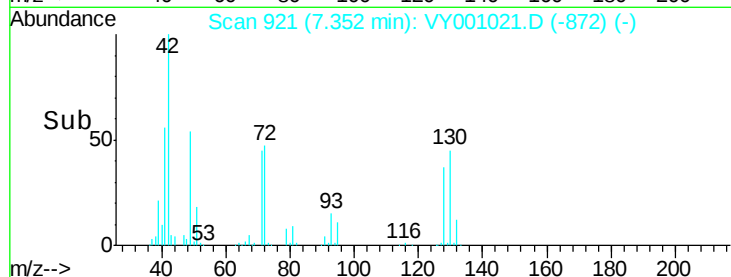
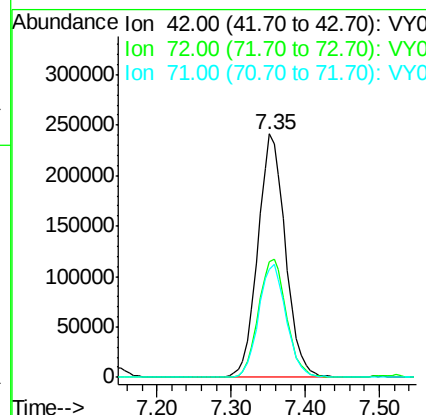
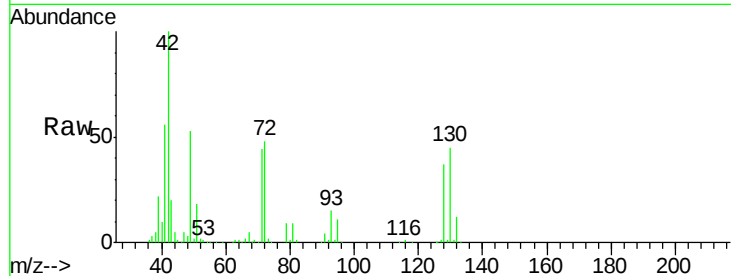
#29
Tetrahydrofuran
Concen: 643.684 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	37.7	56.5
71	46.2	34.6	51.8

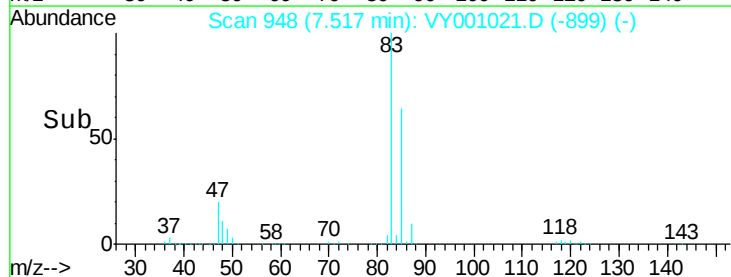
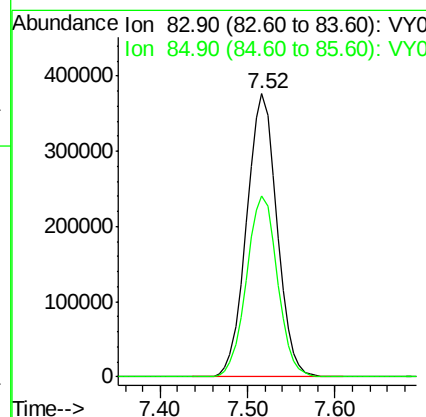
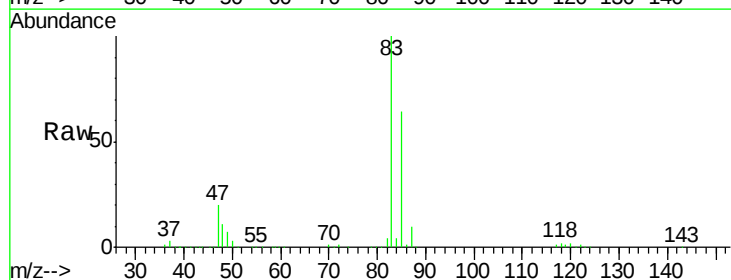
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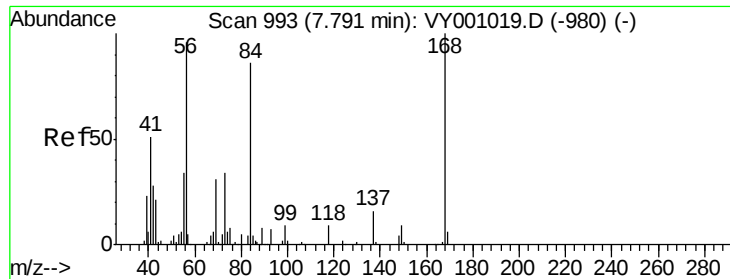
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#30
Chloroform
Concen: 135.407 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





#31

Cyclohexane

Concen: 123.415 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

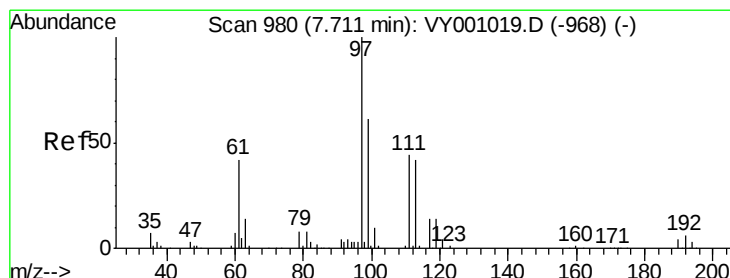
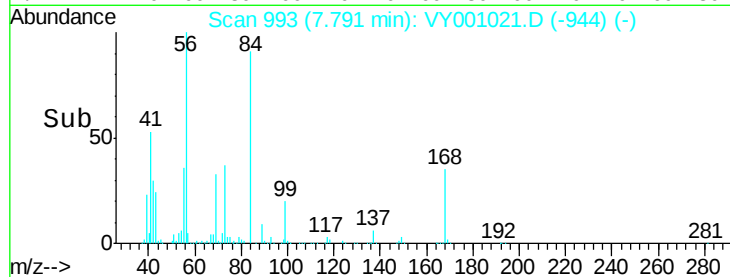
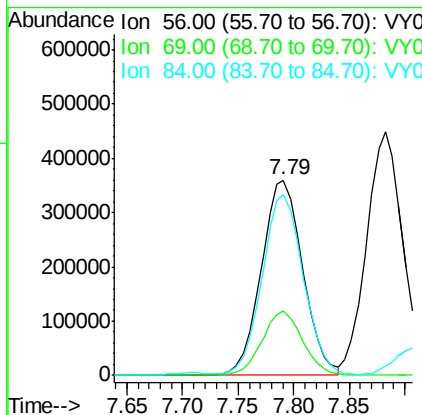
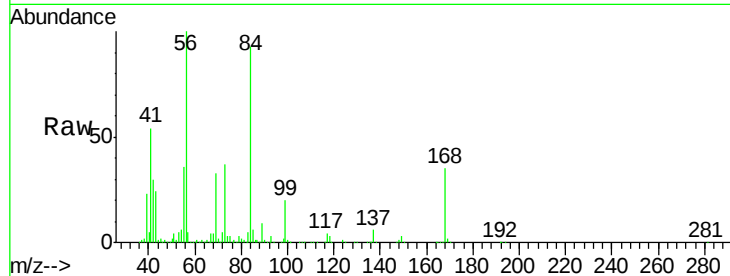
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	933767
Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.1	39.1
84	91.2	71.8	107.8

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#32

1,1,1-Trichloroethane

Concen: 139.162 ug/l

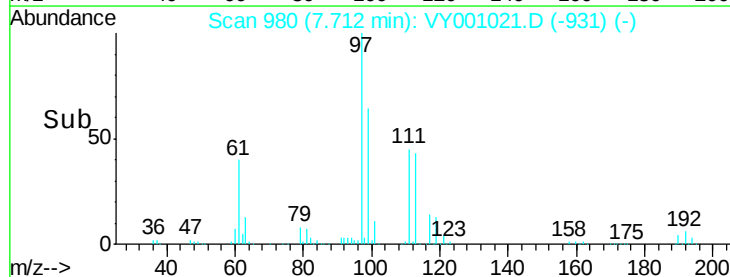
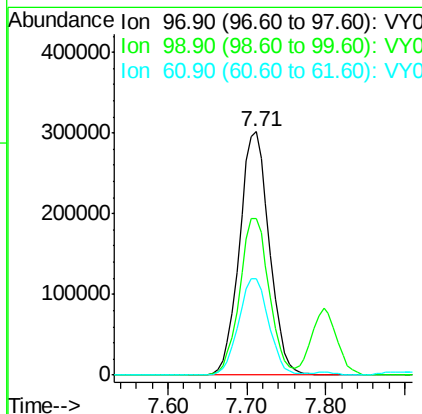
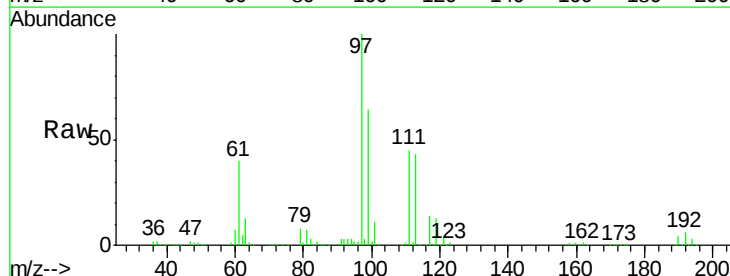
RT: 7.71 min Scan# 980

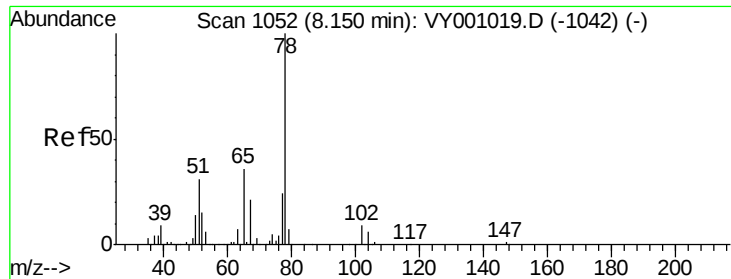
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	97	Resp:	793372
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	40.1	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 141.782 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 472716

Ion Ratio Lower Upper

65 100

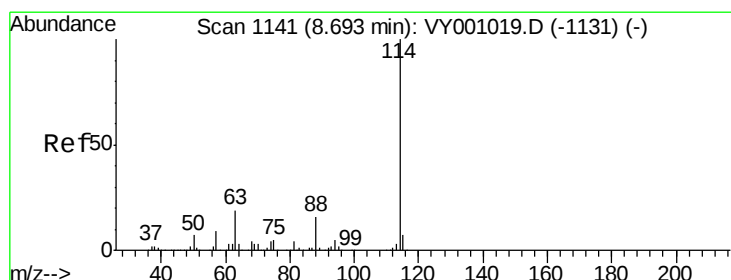
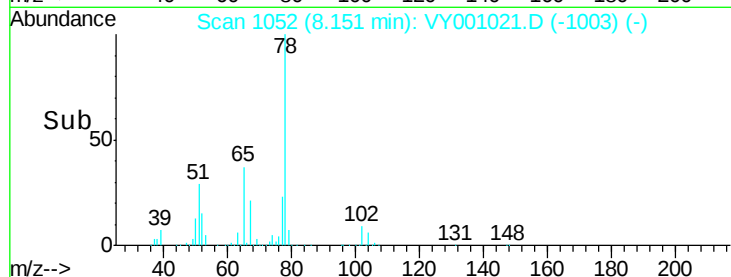
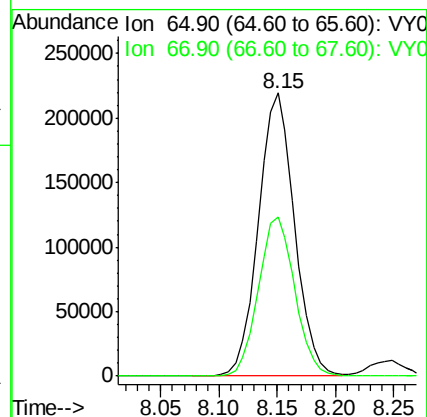
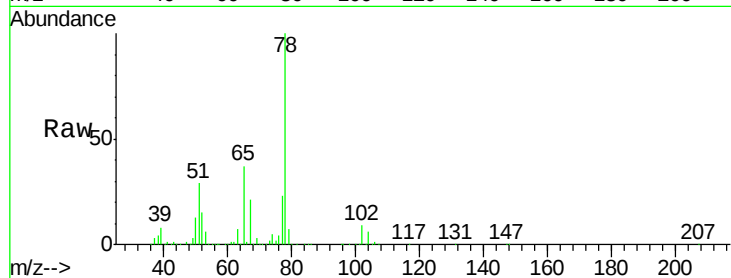
67 56.7 0.0 112.8

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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: VY001021.D

Acq: 23 Dec 2019 11:49

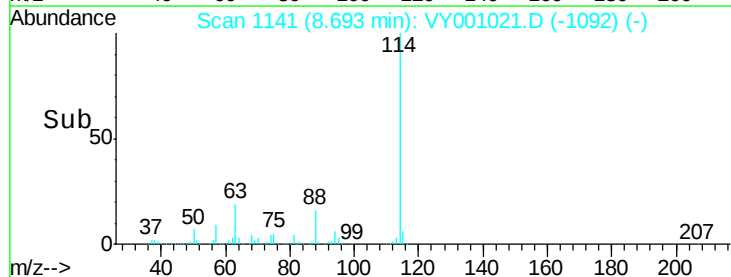
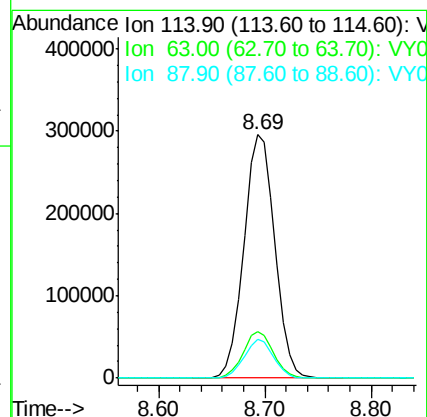
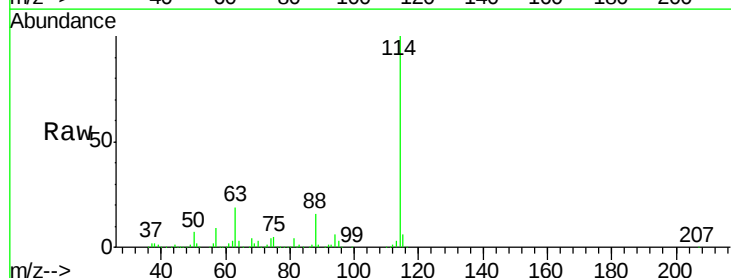
Tgt Ion: 114 Resp: 601201

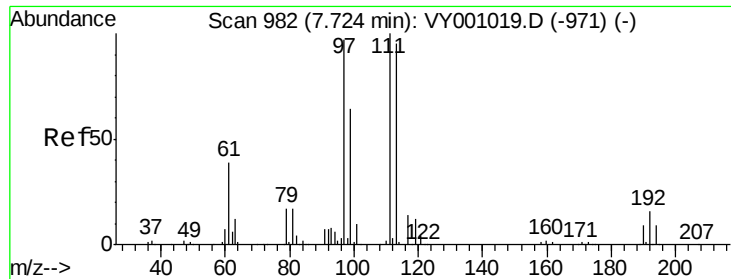
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

88 15.7 0.0 32.0





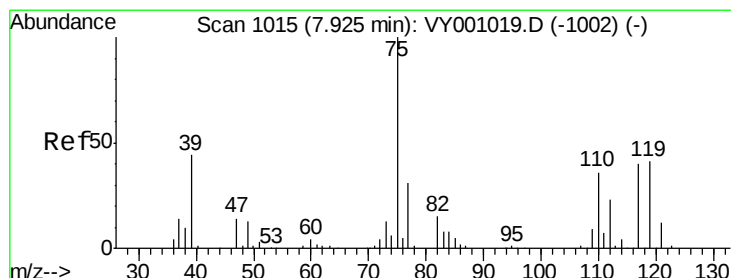
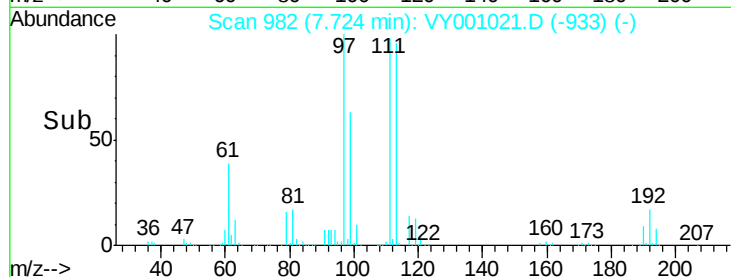
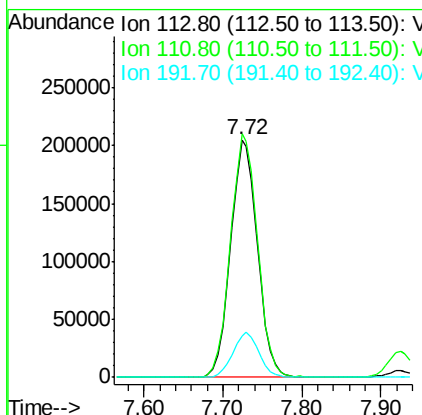
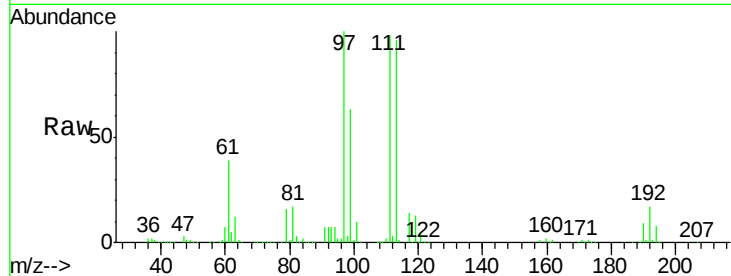
#35
Dibromofluoromethane
Concen: 134.186 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	483544		
111	103.2	83.0	124.4	
192	18.4	14.6	21.8	

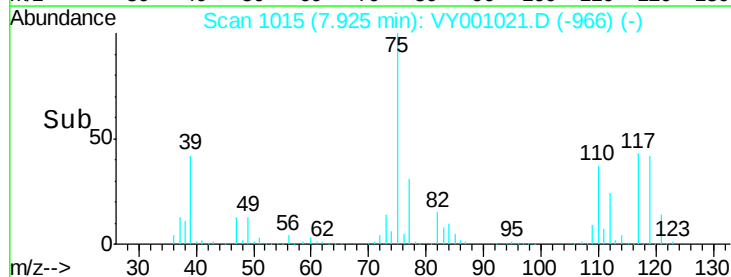
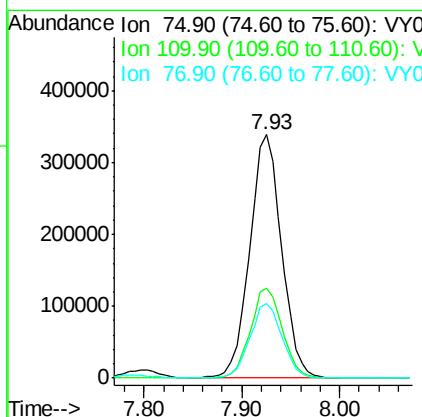
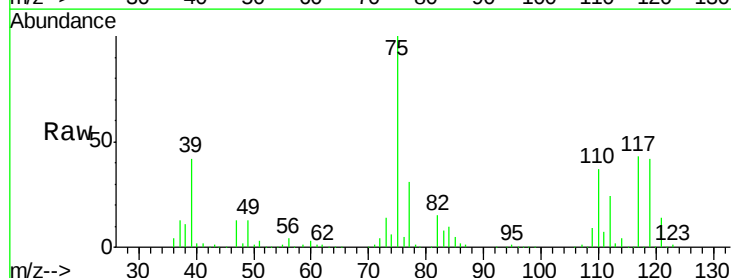
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#36
1,1-Dichloropropene
Concen: 130.142 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	763255		
110	37.0	18.1	54.4	
77	31.2	24.6	37.0	





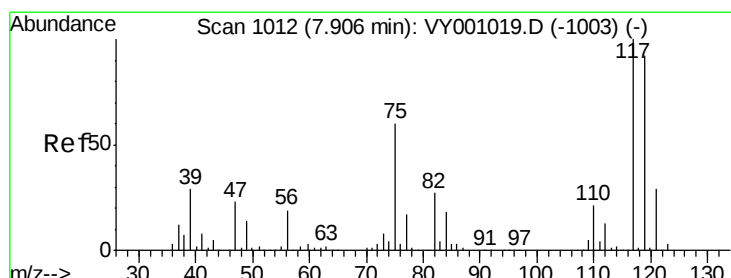
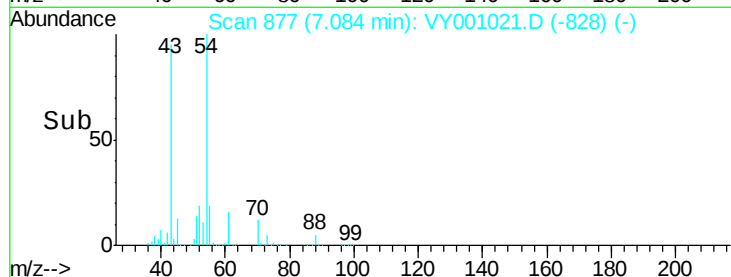
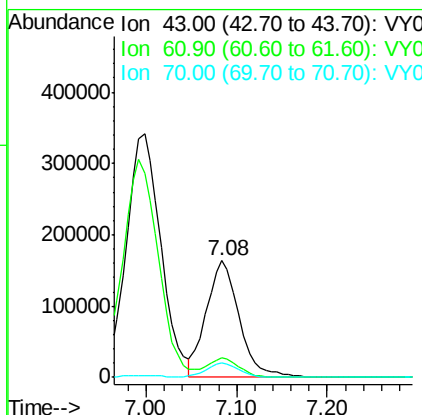
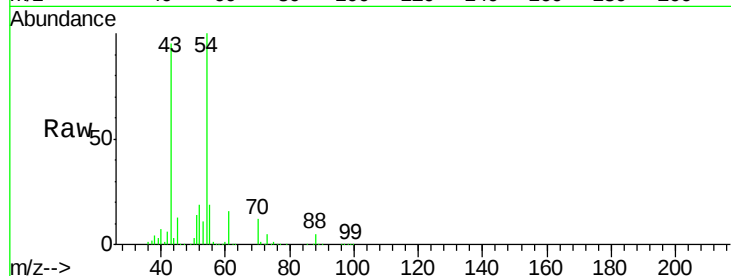
#37
Ethyl Acetate
Concen: 126.926 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.5	18.7
70	12.2	9.0	13.4

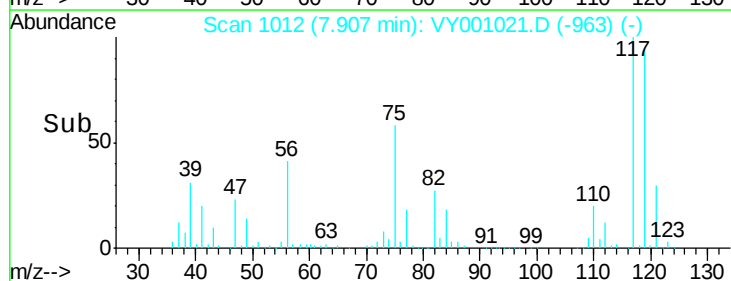
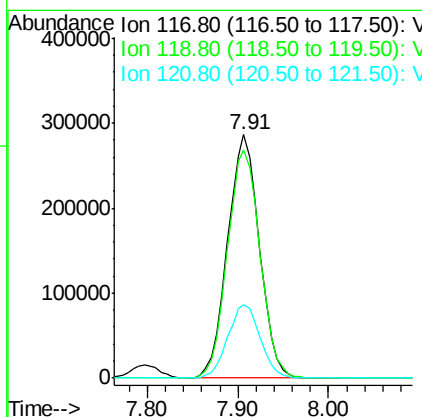
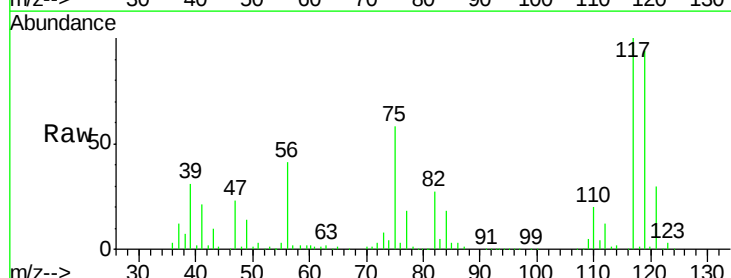
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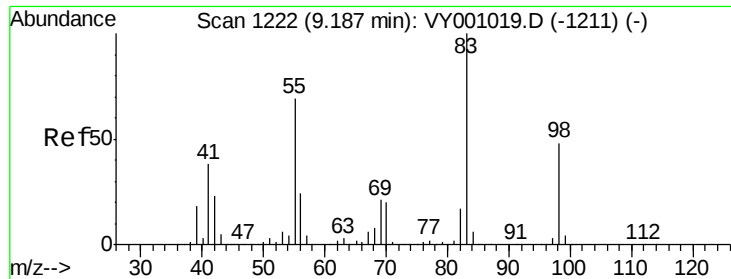
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#38
Carbon Tetrachloride
Concen: 136.328 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.2
121	30.2	22.9	34.3





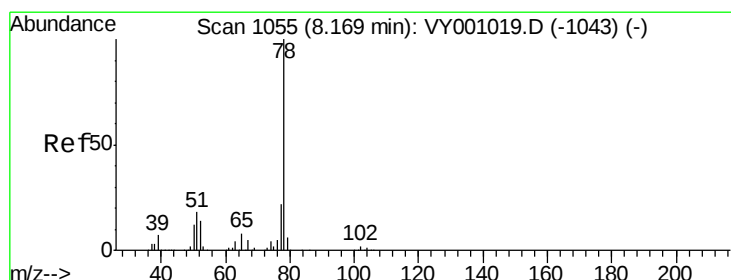
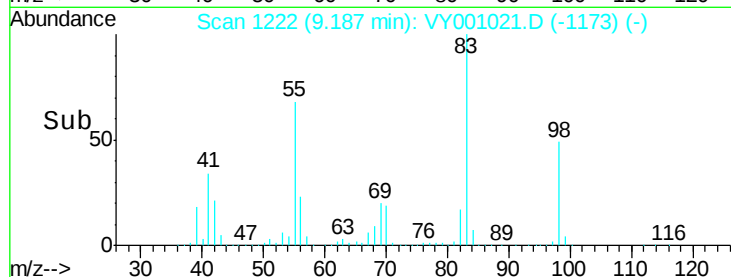
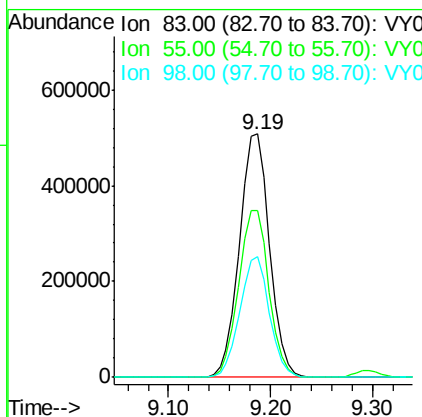
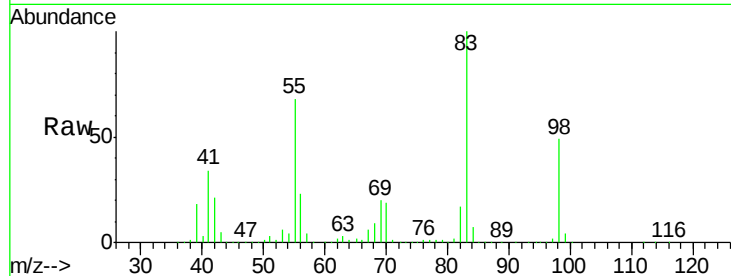
#39
Methvlcvclohexane
Concen: 134.403 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1041719
Ion Ratio Lower Upper
83 100
55 68.3 55.1 82.7
98 49.5 38.3 57.5

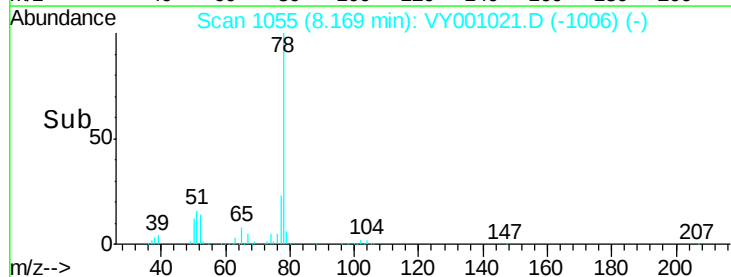
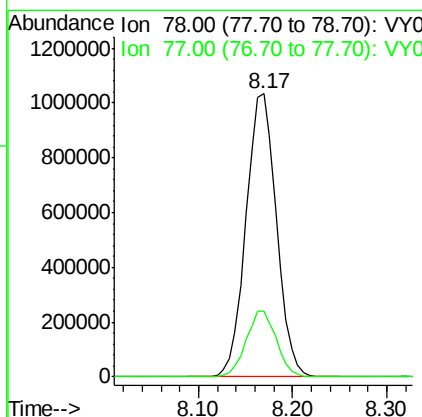
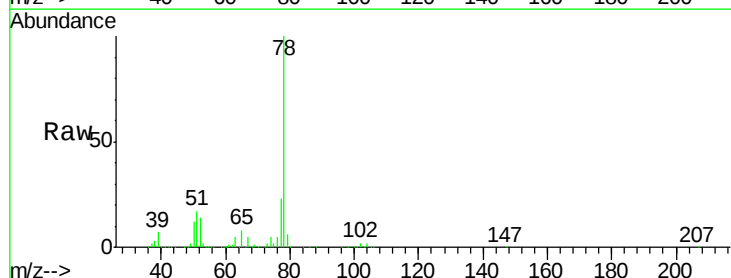
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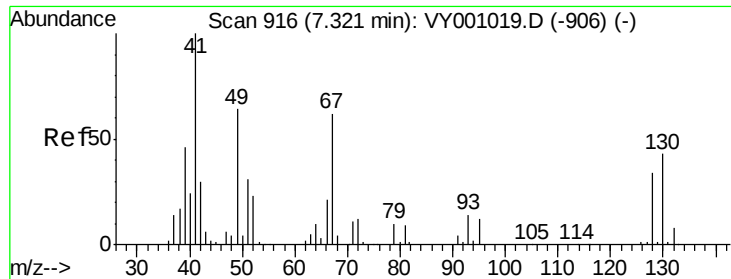
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#40
Benzene
Concen: 132.018 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 78 Resp: 2330856
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5





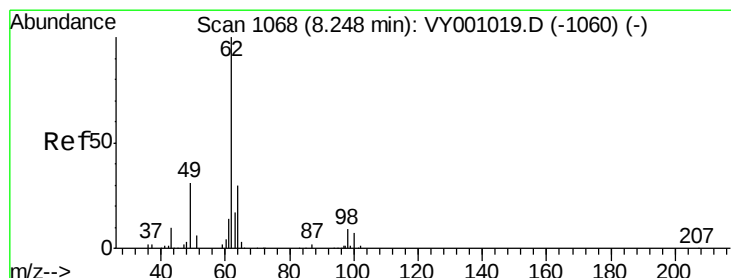
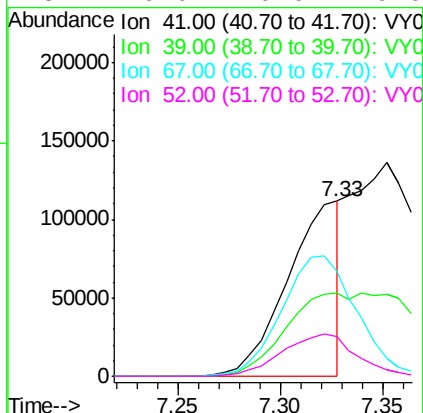
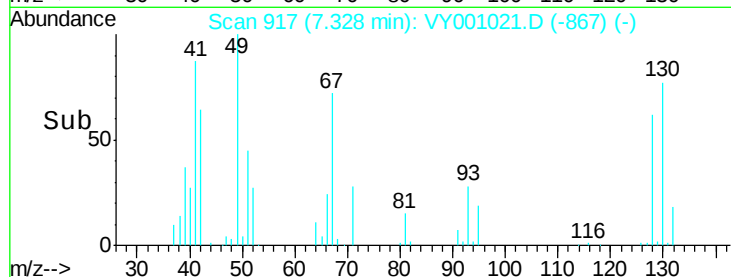
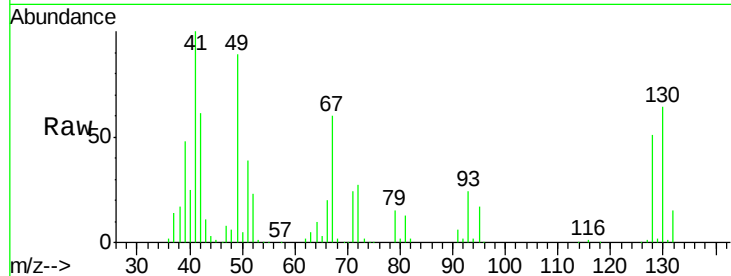
#41
Methacrylonitrile
Concen: 143.818 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	199386
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

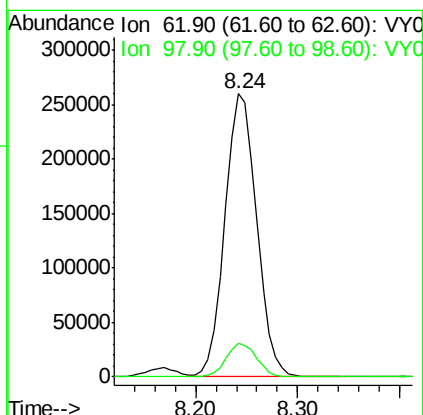
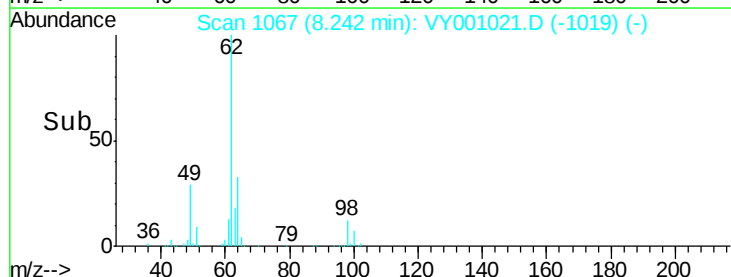
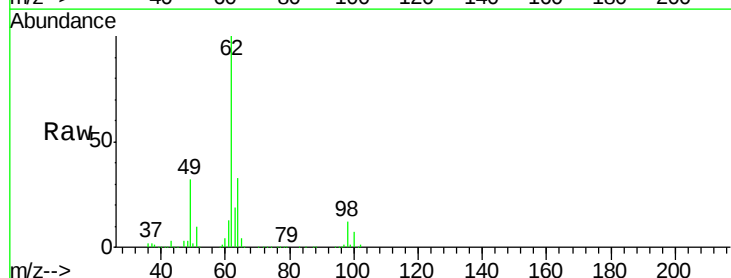
Manual Integrations
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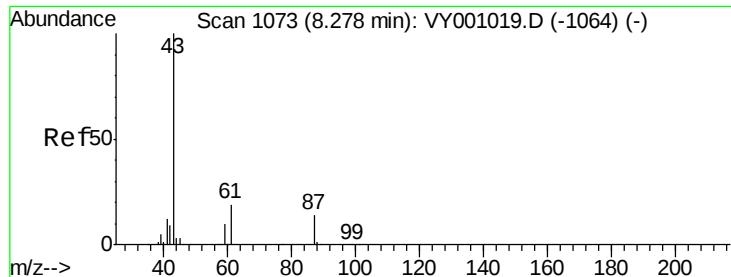
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#42
1,2-Dichloroethane
Concen: 133.237 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	62	Resp	561642
Ion Ratio	Lower	Upper	
62	100		
98	11.5	0.0	23.4





#43

Isopropyl Acetate

Concen: 133.113 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

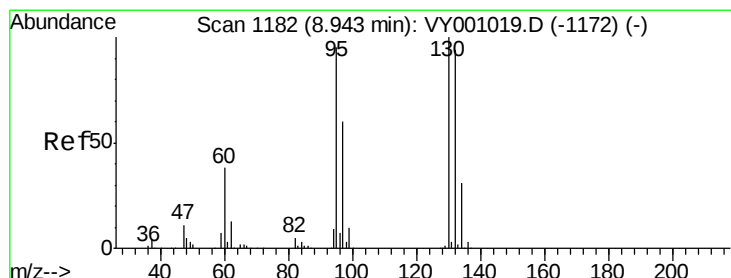
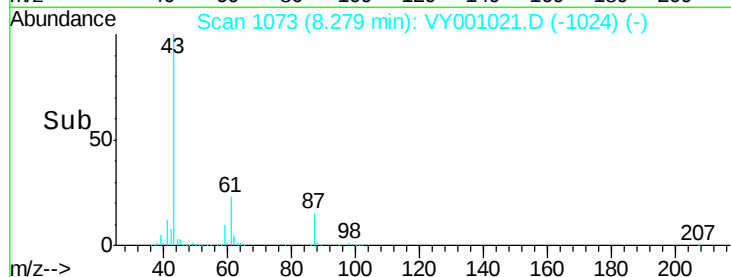
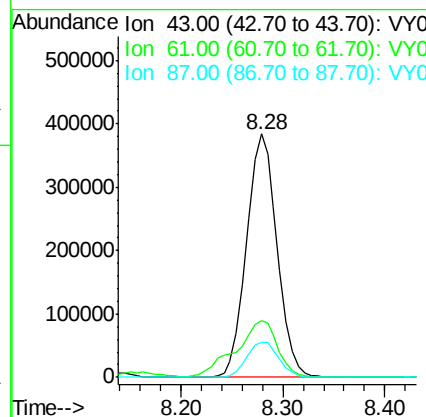
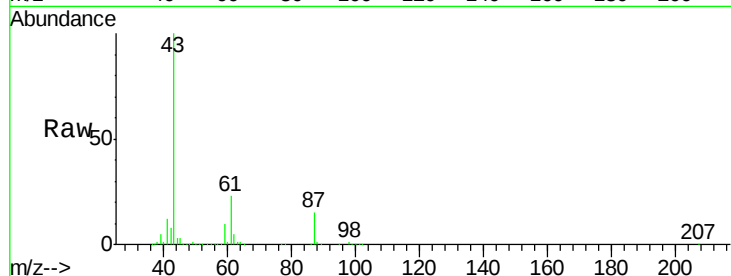
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	797518
Ion Ratio		Lower	Upper
43	100		
61	32.2	25.0	37.6
87	15.3	12.0	18.0

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#44

Trichloroethene

Concen: 130.405 ug/l

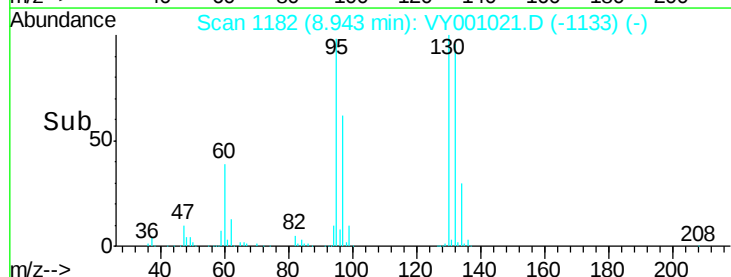
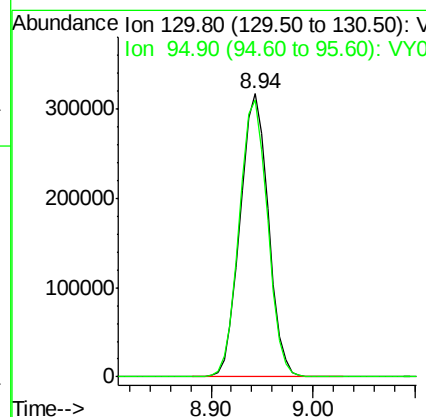
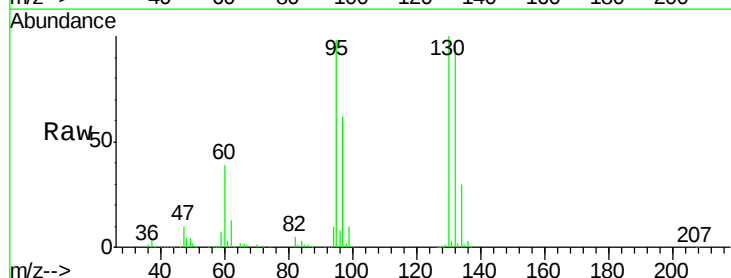
RT: 8.94 min Scan# 1182

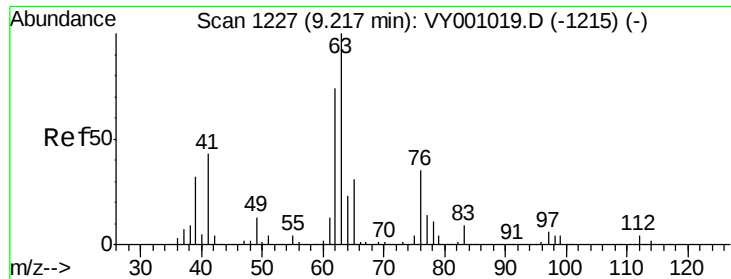
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	130	Resp:	607744
Ion Ratio		Lower	Upper
130	100		
95	97.6	0.0	190.6





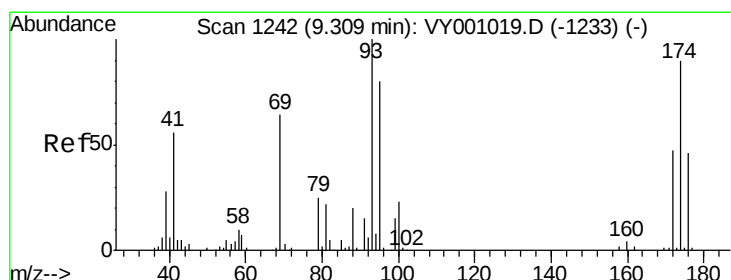
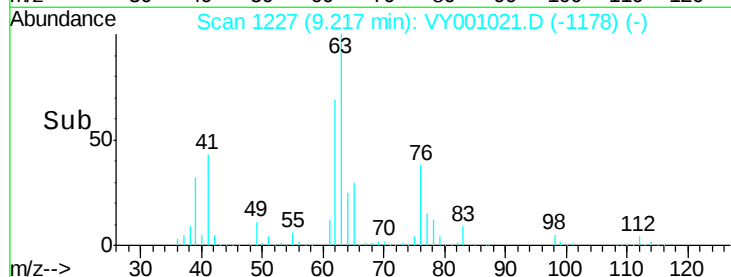
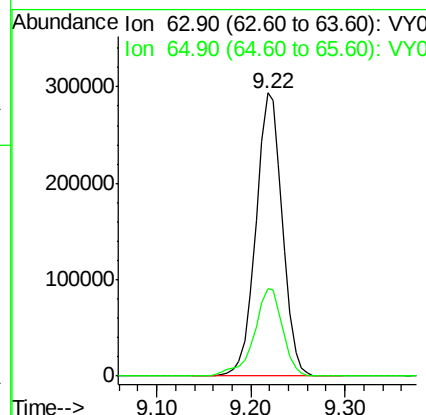
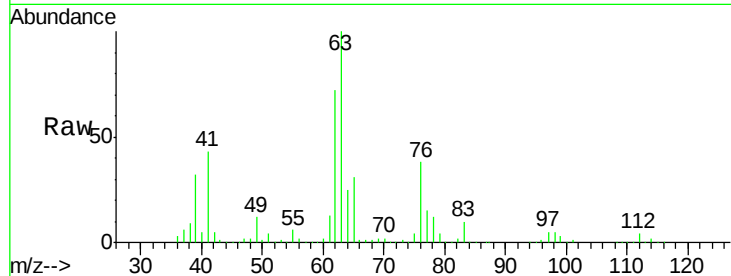
#45
 1,2-Dichloropropane
 Concen: 130.725 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	579861		
65	30.9	25.1	37.7	

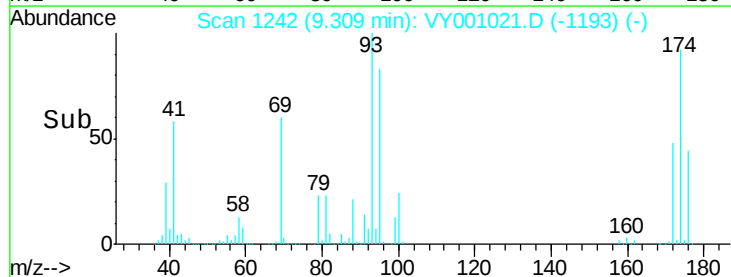
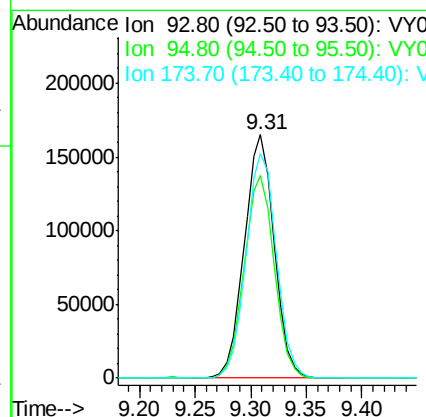
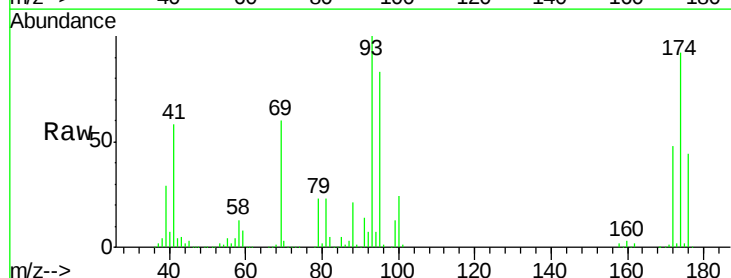
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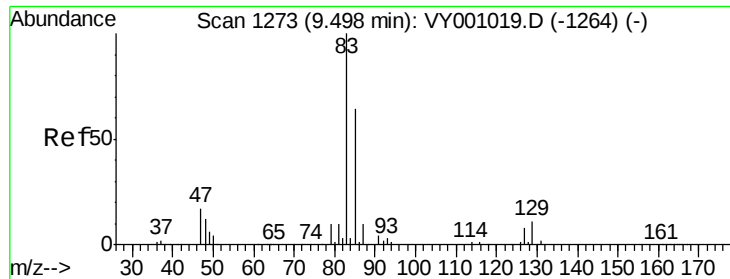
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#46
 Dibromomethane
 Concen: 134.310 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305864		
95	83.9	66.7	100.1	
174	94.0	73.6	110.4	





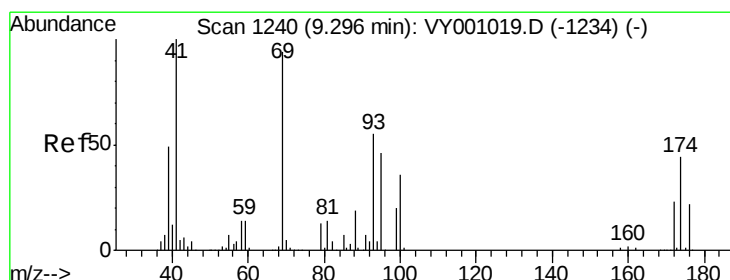
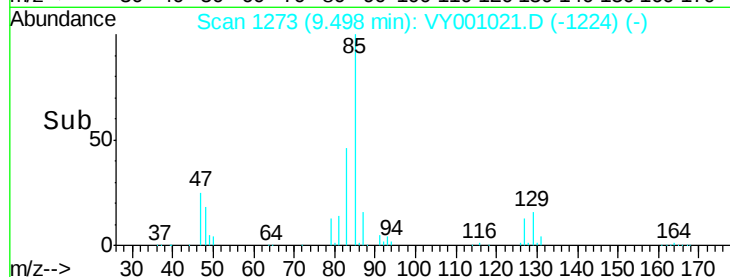
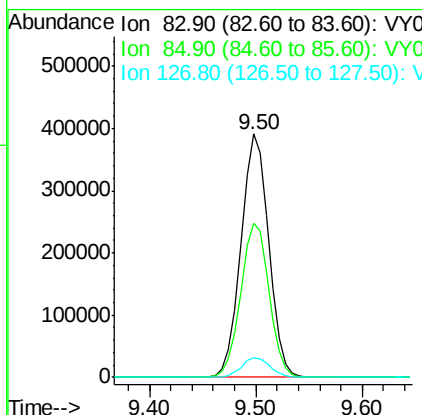
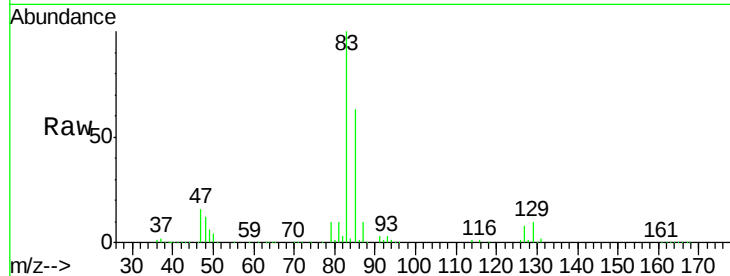
#47
Bromodichloromethane
Concen: 135.914 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3
127	8.0	6.4	9.6

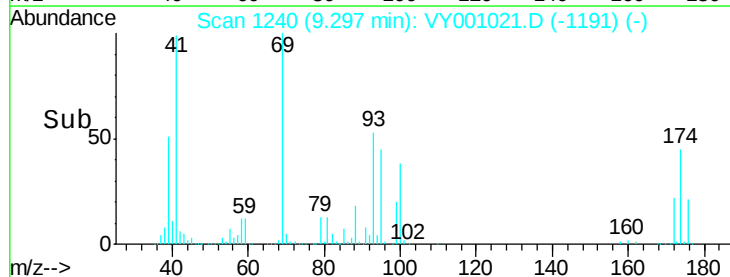
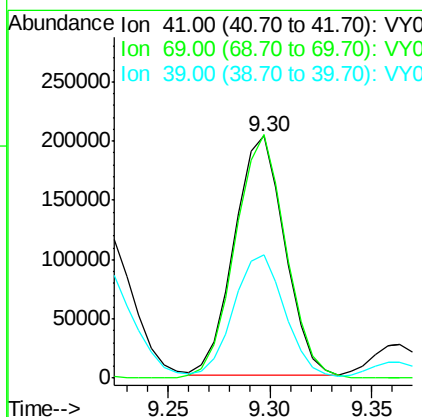
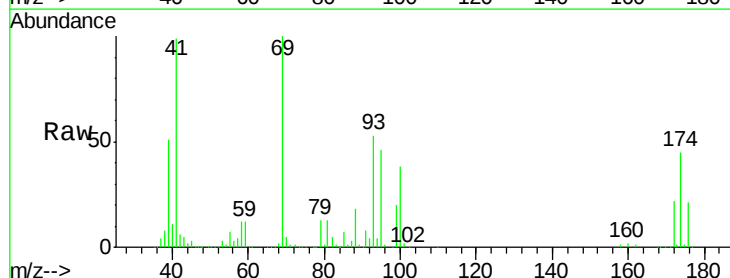
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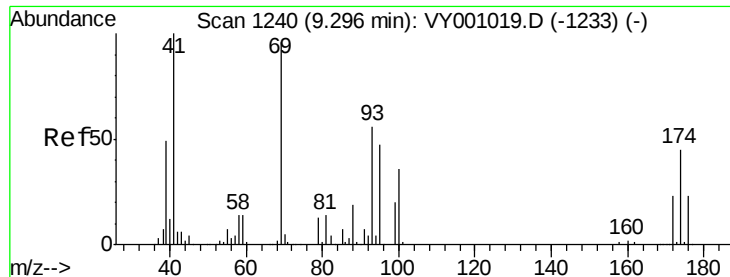
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#48
Methyl methacrylate
Concen: 136.002 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	102.4	79.8	119.6
39	53.0	41.7	62.5





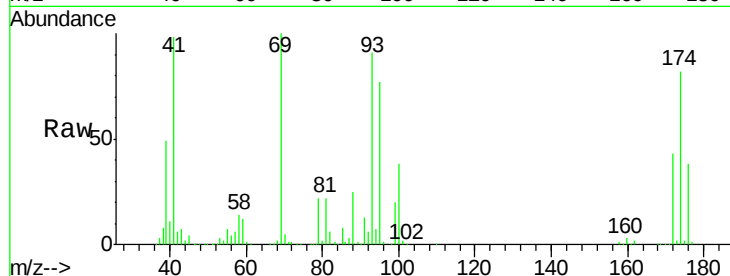
#49
1,4-Dioxane
Concen: 2770.249 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

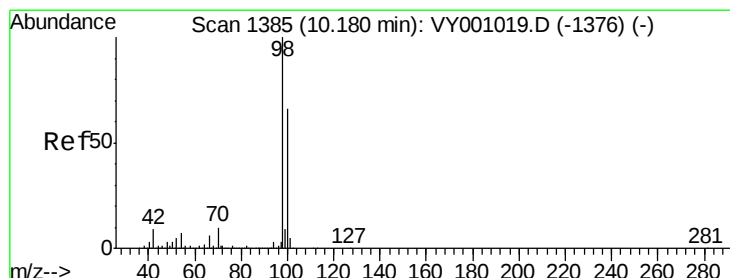
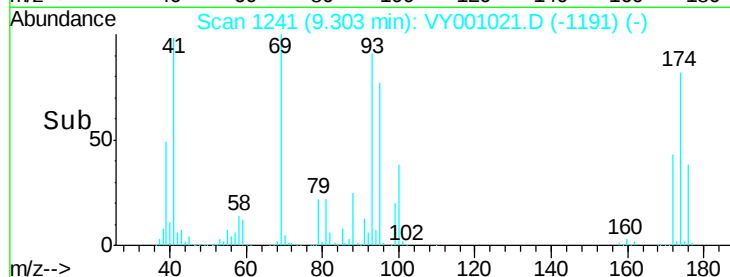
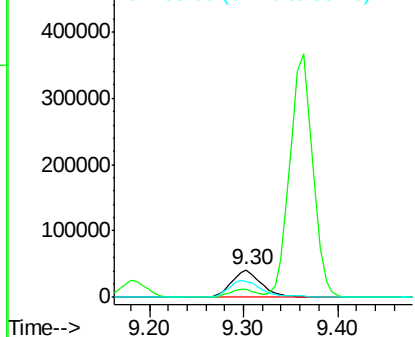
Tot Ion	Ratio	Lower	Upper
88	100		
43	25.2	23.0	34.4
58	63.2	54.9	82.3

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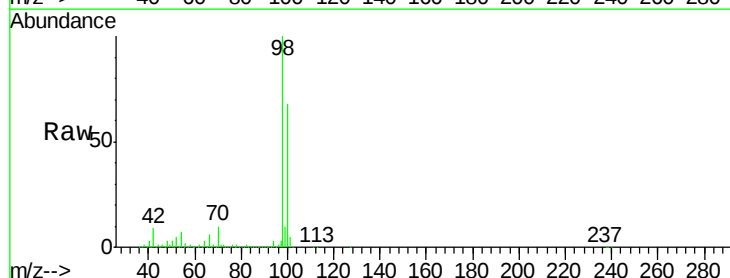


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

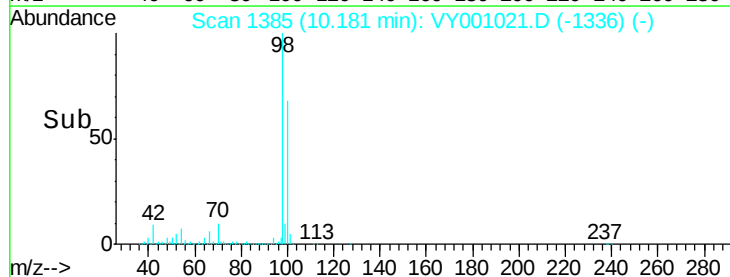
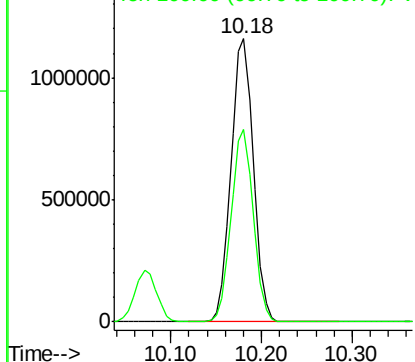


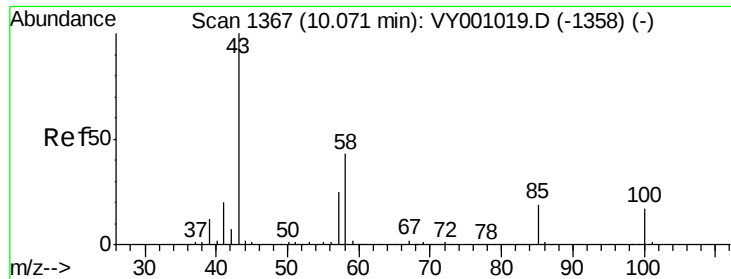
#50
Toluene-d8
Concen: 141.997 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



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





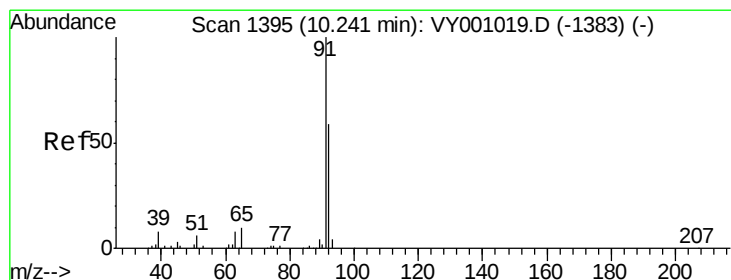
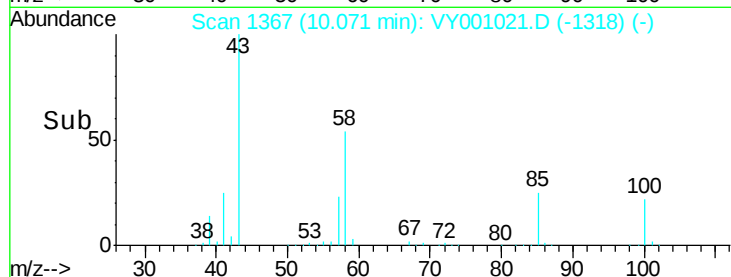
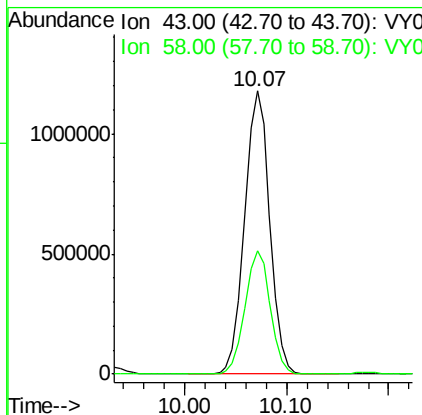
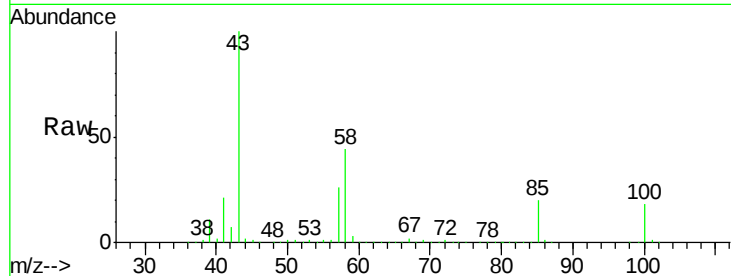
#51
4-Methyl-2-Pentanone
Concen: 640.870 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2012517
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0

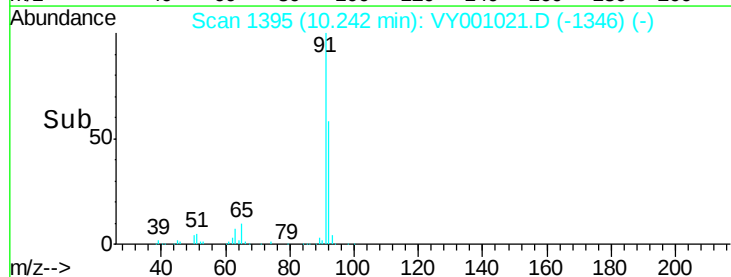
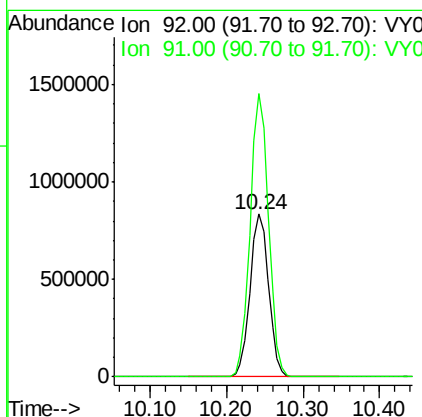
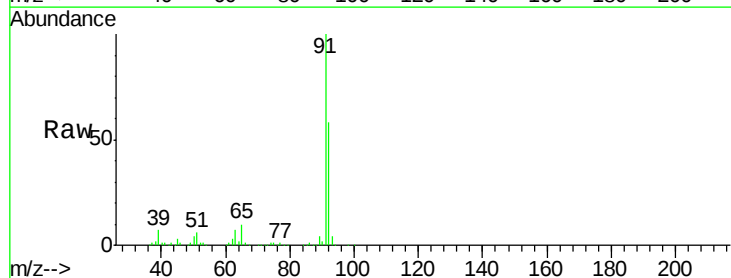
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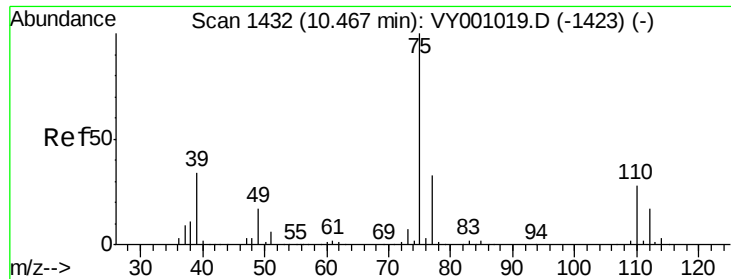
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#52
Toluene
Concen: 129.476 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 92 Resp: 1411076
Ion Ratio Lower Upper
92 100
91 171.9 135.7 203.5





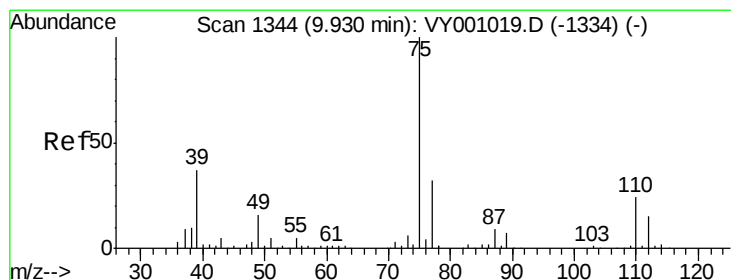
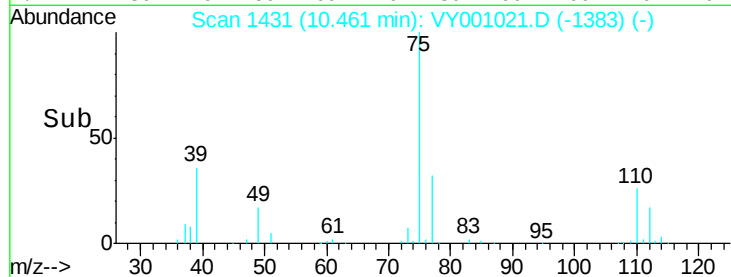
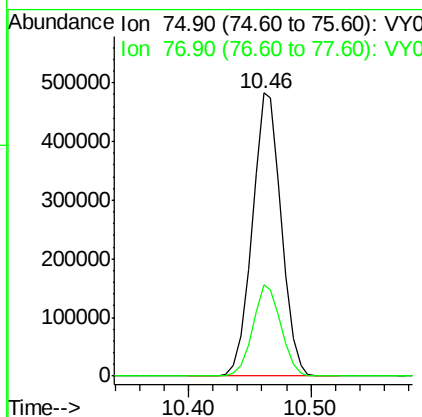
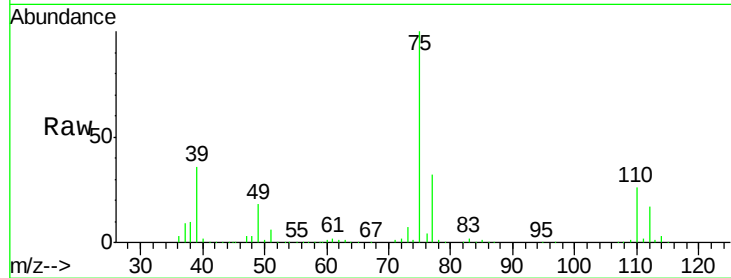
#53
t-1,3-Dichloropropene
Concen: 139.448 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 793719
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7

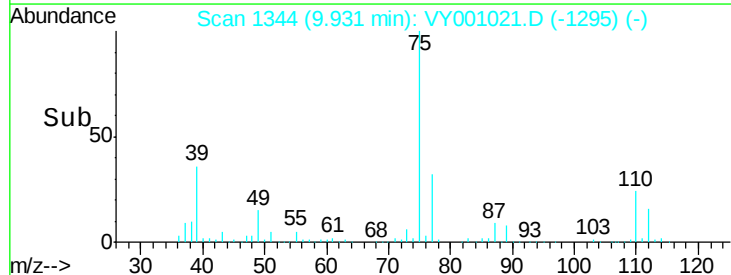
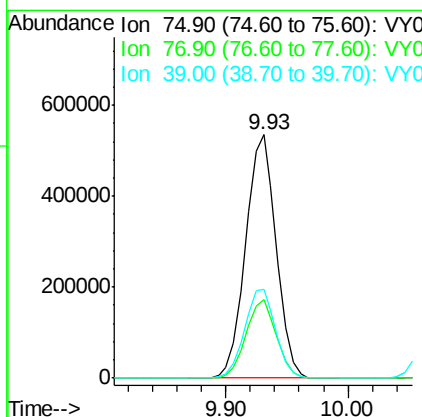
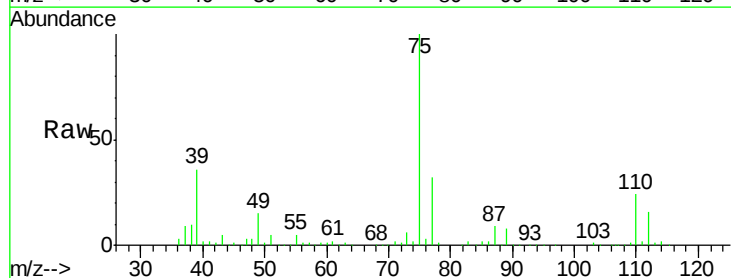
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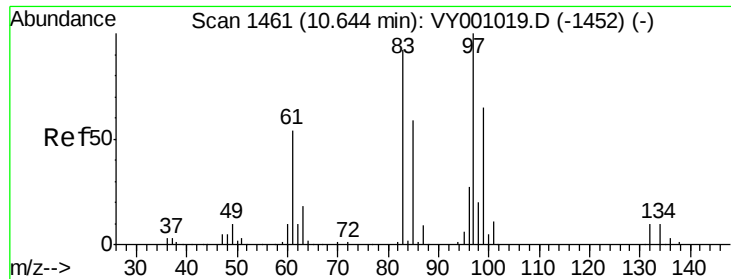
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#54
cis-1,3-Dichloropropene
Concen: 134.245 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 75 Resp: 924206
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 36.4 29.5 44.3





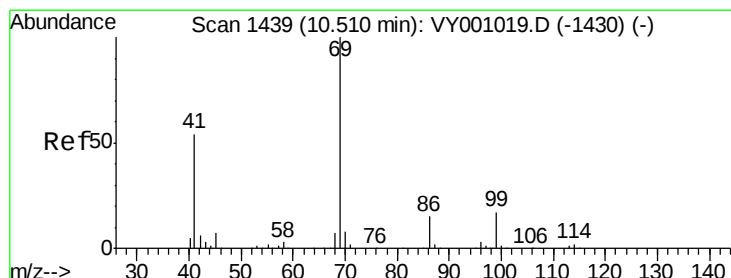
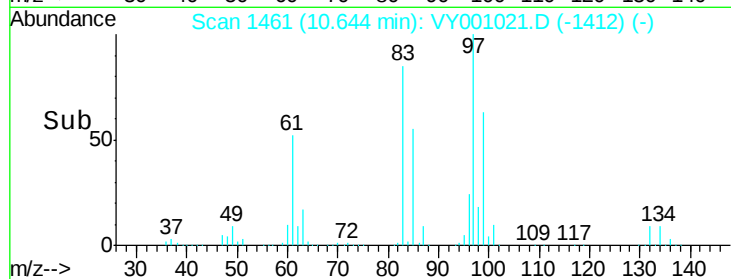
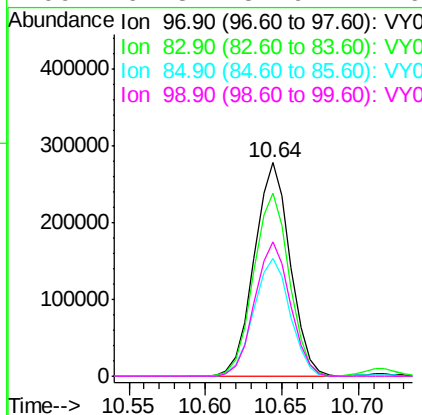
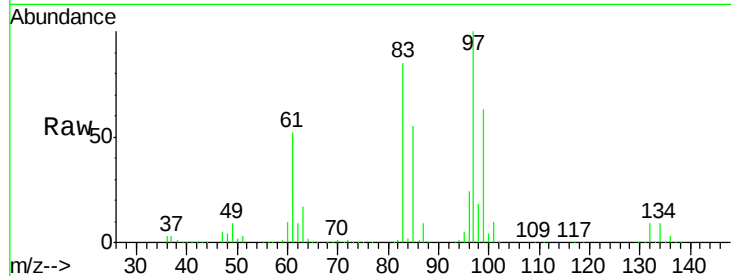
#55
 1,1,2-Trichloroethane
 Concen: 132.710 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	452000
Ion	Ratio	Lower	Upper
97	100		
83	85.5	73.7	110.5
85	55.2	47.3	70.9
99	62.8	51.9	77.9

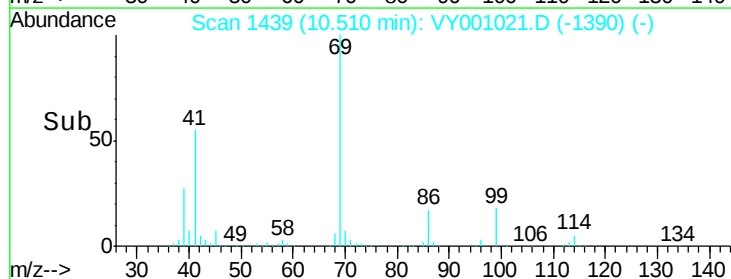
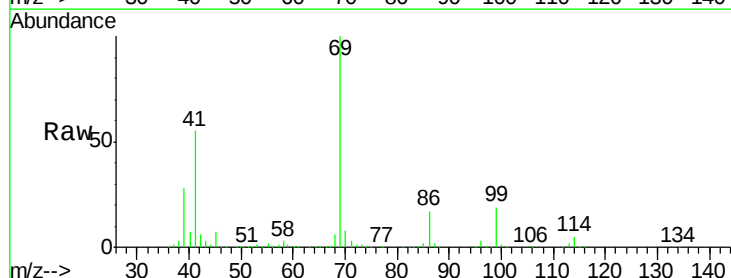
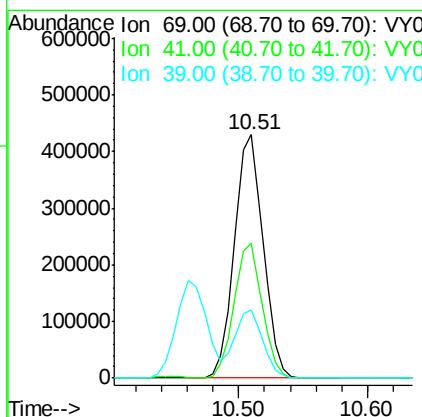
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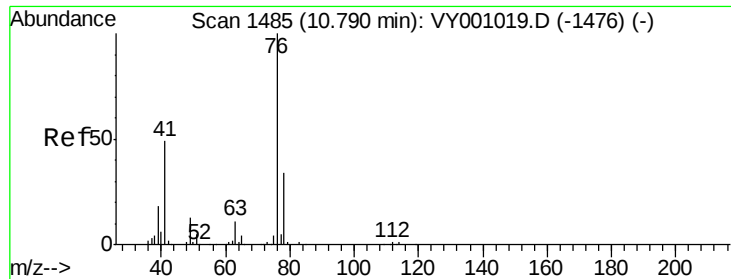
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#56
 Ethyl methacrylate
 Concen: 138.549 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion:	69	Resp:	667190
Ion	Ratio	Lower	Upper
69	100		
41	54.1	44.7	67.1
39	27.6	22.2	33.4





#57

1,3-Dichloropropane

Concen: 132.288 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 790129

Ion Ratio Lower Upper

76 100

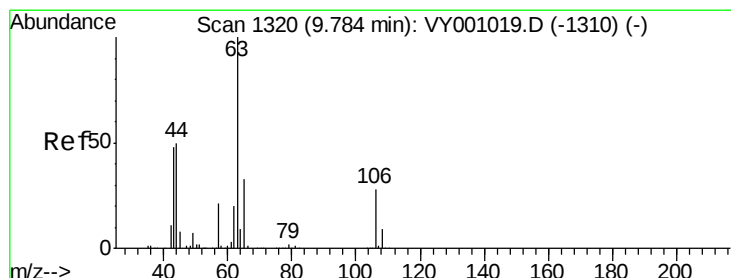
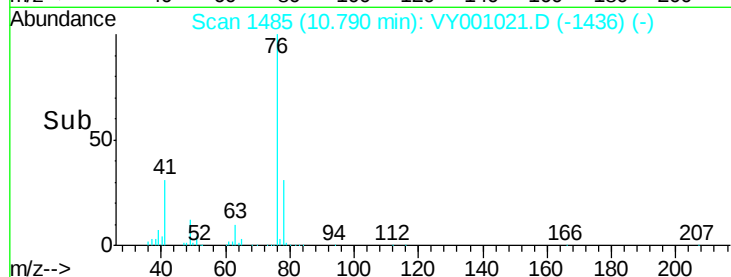
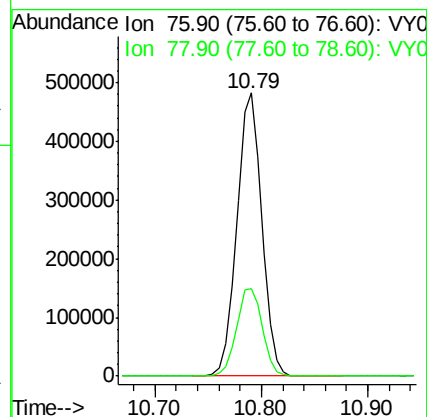
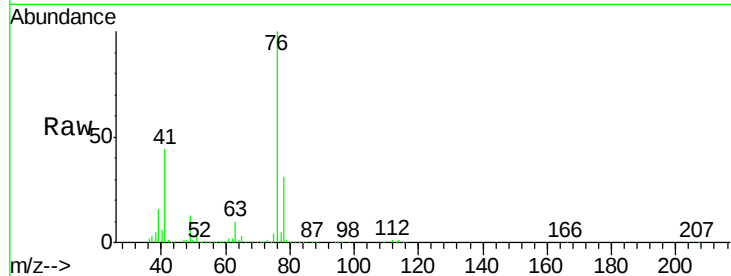
78 32.1 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 625.514 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001021.D

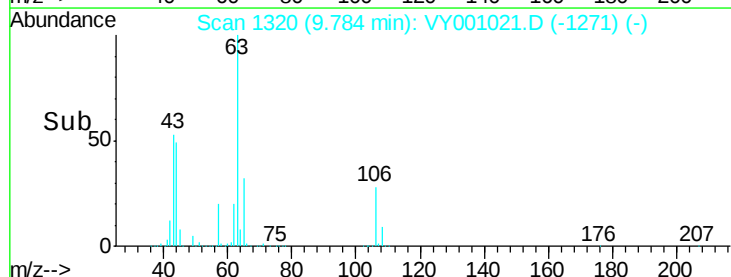
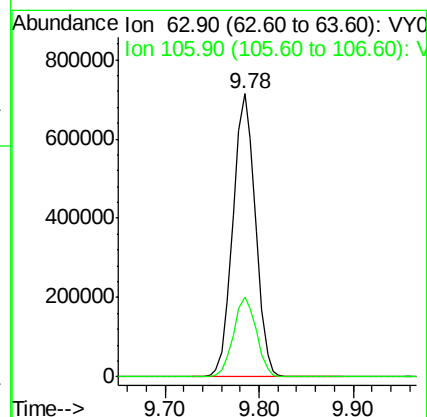
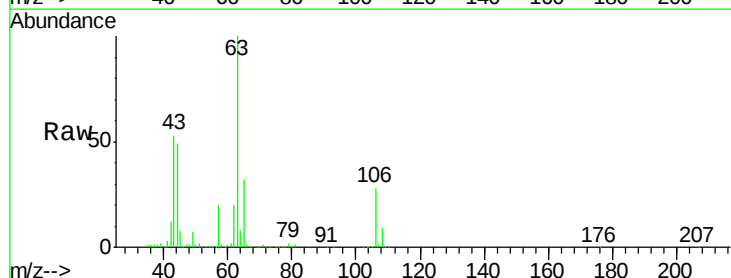
Acq: 23 Dec 2019 11:49

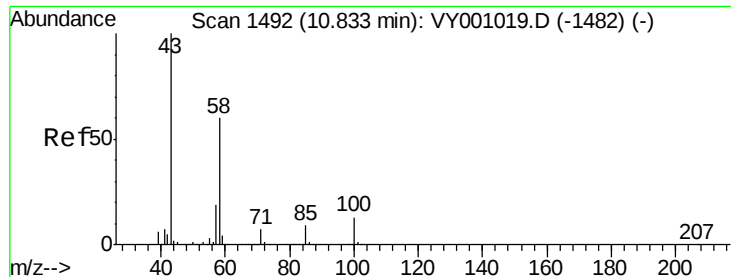
Tgt Ion: 63 Resp: 1181299

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1





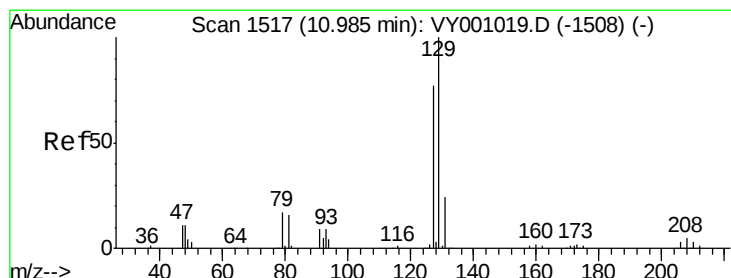
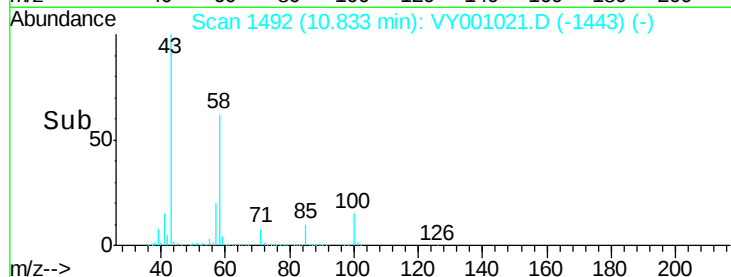
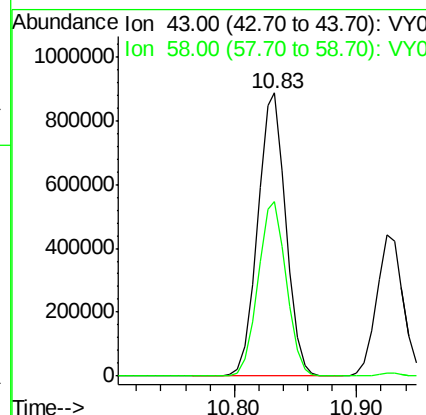
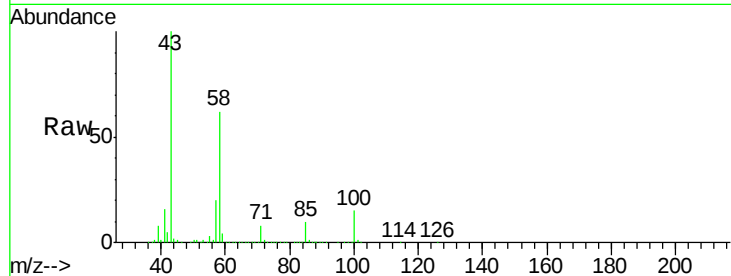
#59
2-Hexanone
Concen: 653.322 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1415589
Ion Ratio Lower Upper
43 100
58 61.9 30.6 91.6

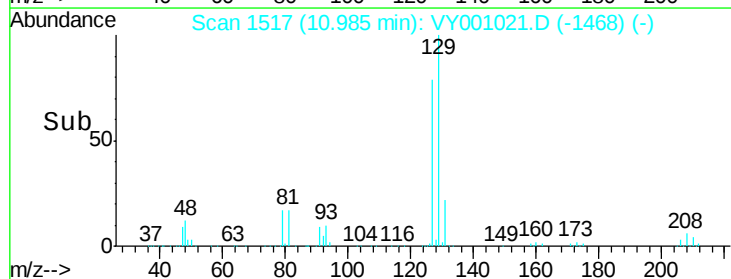
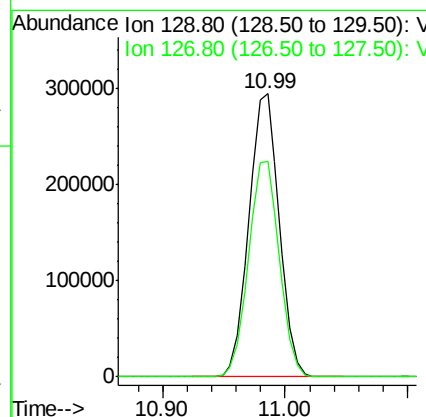
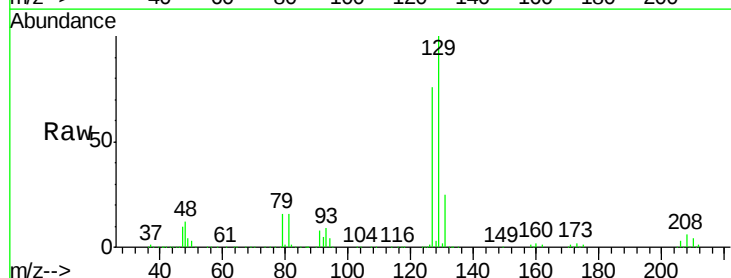
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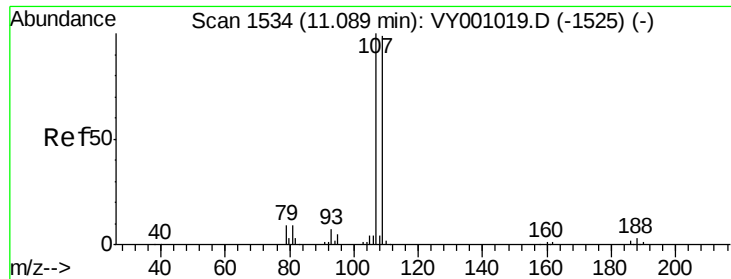
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#60
Dibromochloromethane
Concen: 140.985 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 129 Resp: 508154
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





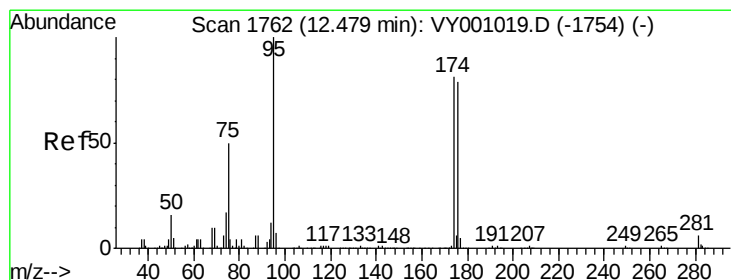
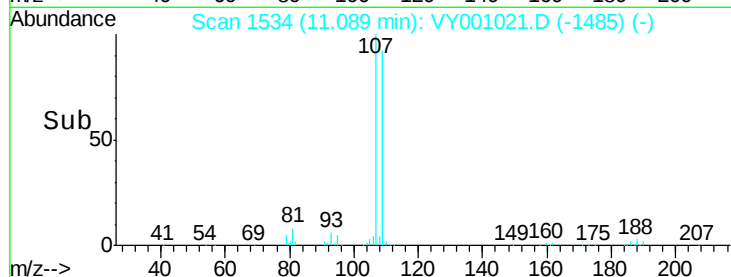
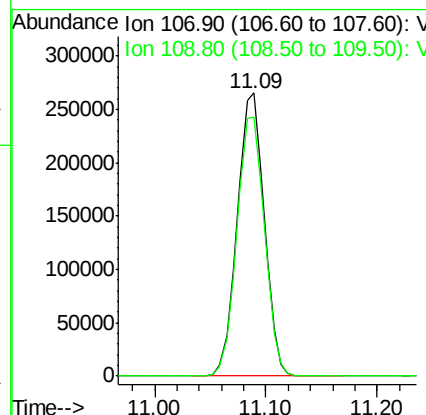
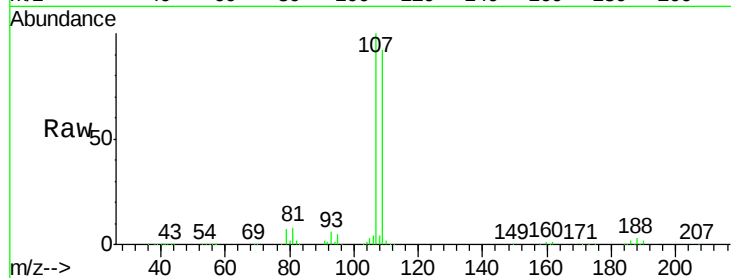
#61
 1,2-Dibromoethane
 Concen: 137.511 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.8	112.2

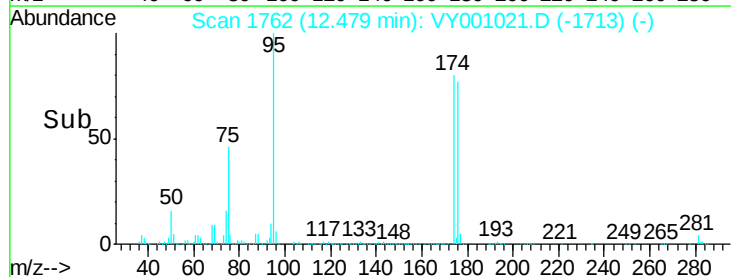
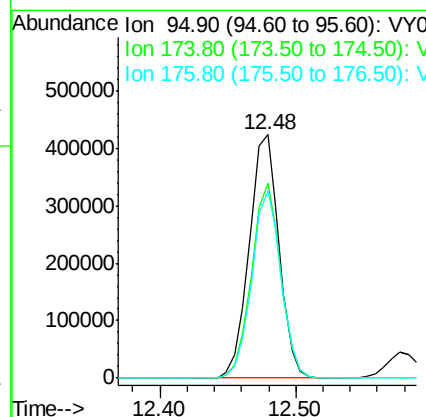
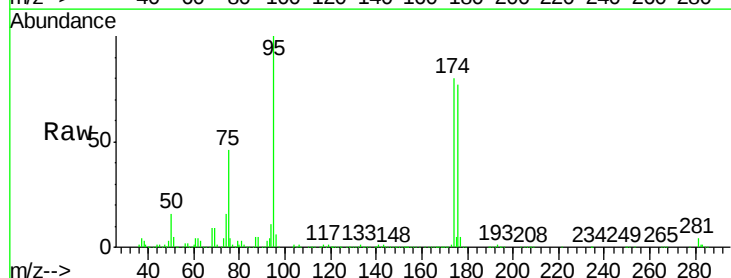
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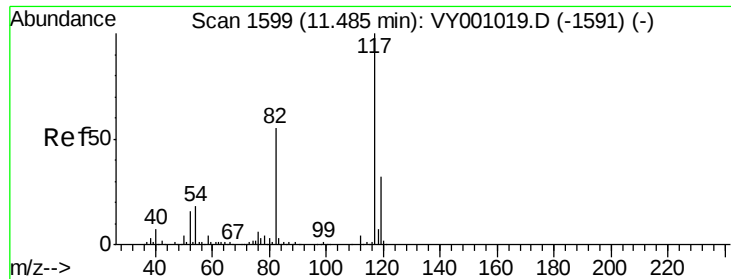
apatel
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#62
 4-Bromofluorobenzene
 Concen: 124.563 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	156.4
176	75.5	0.0	155.0





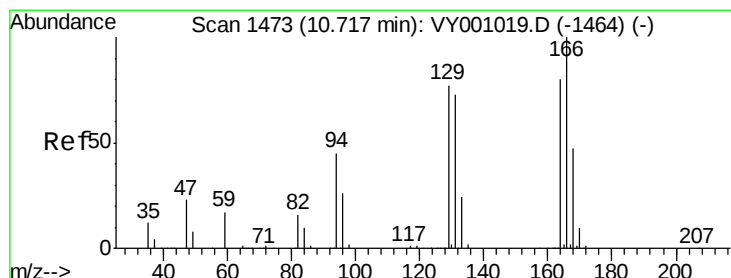
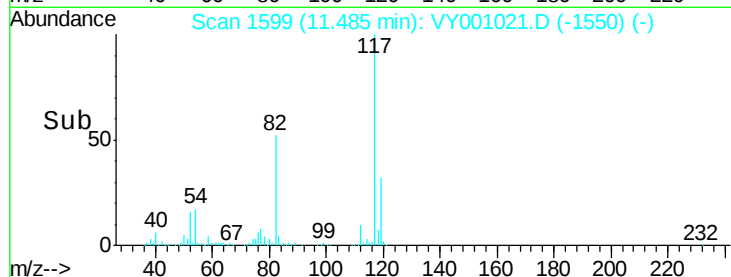
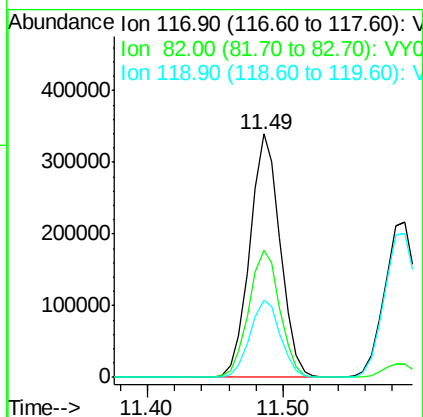
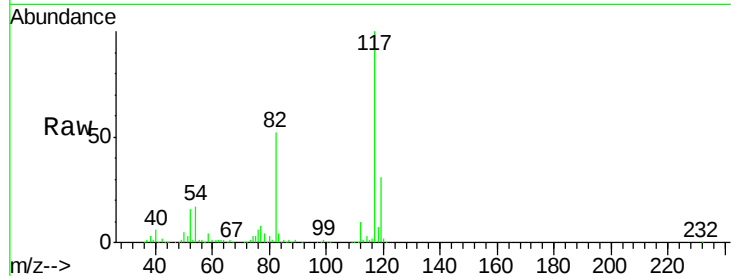
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.8	65.8
119	31.5	25.8	38.6

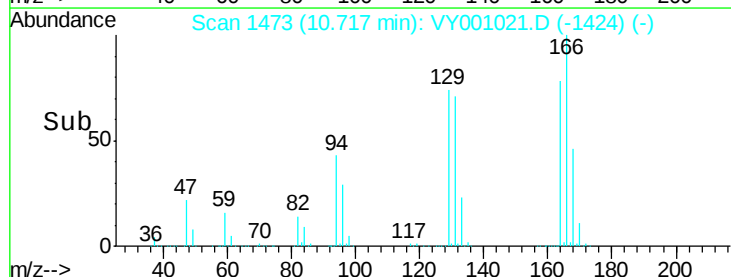
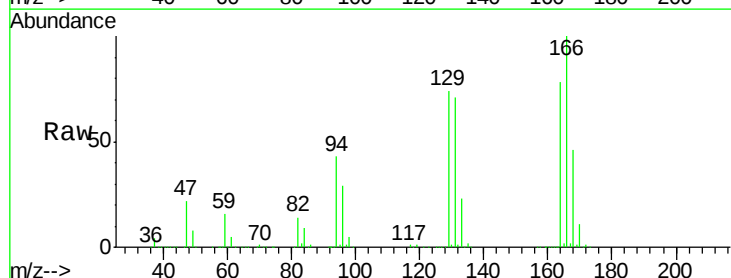
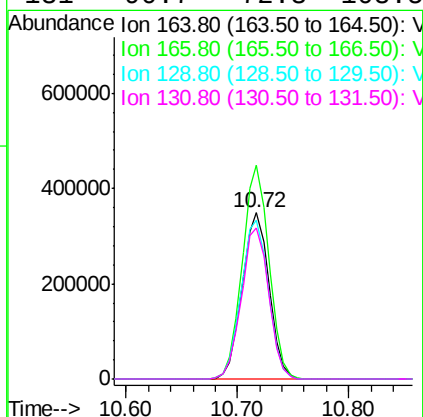
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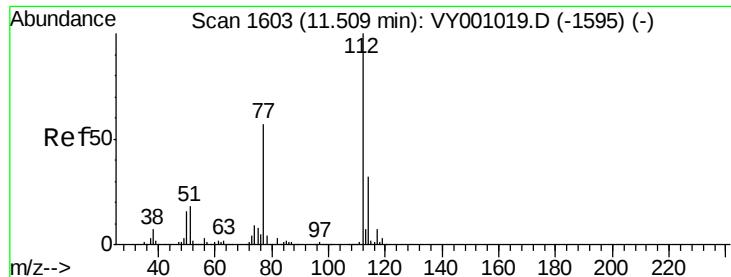
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#64
Tetrachloroethene
Concen: 123.659 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.7	149.5
129	95.4	76.9	115.3
131	90.7	72.3	108.5





#65

Chlorobenzene

Concen: 131.807 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1483415

Ion Ratio Lower Upper

112 100

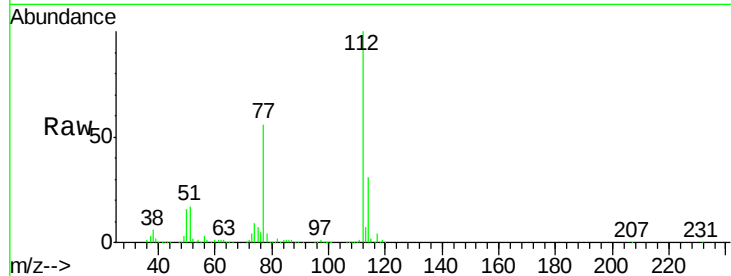
114 30.9 25.4 38.2

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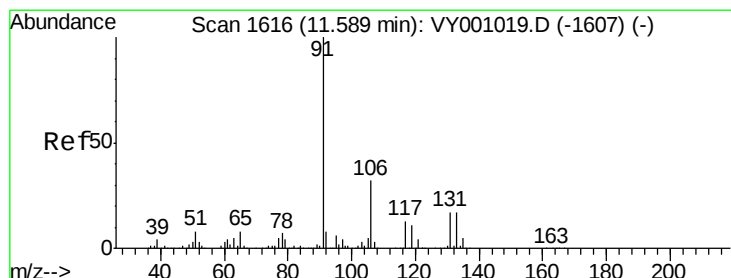
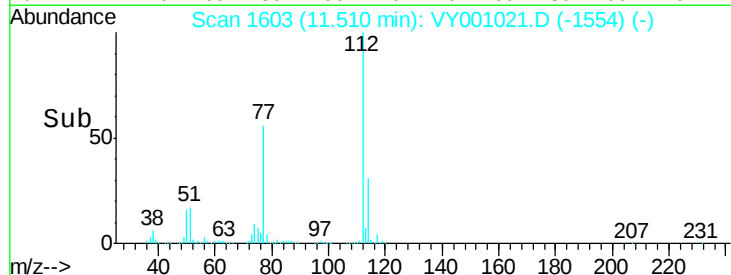
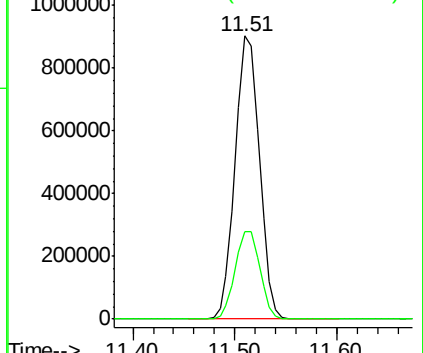
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 135.276 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

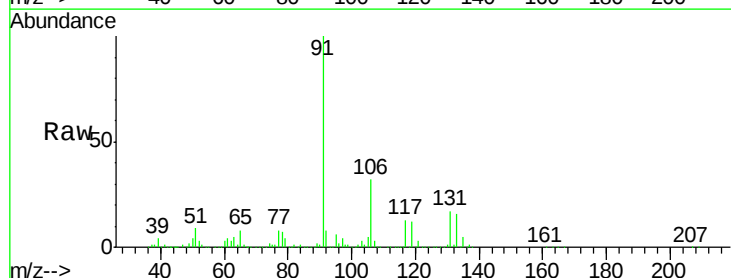
Tgt Ion:131 Resp: 500448

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

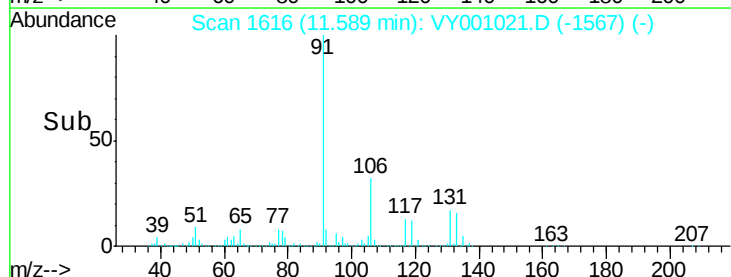
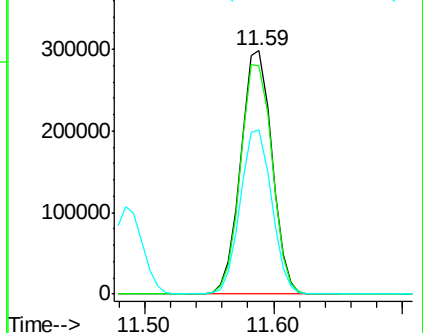
119 67.8 34.0 101.8

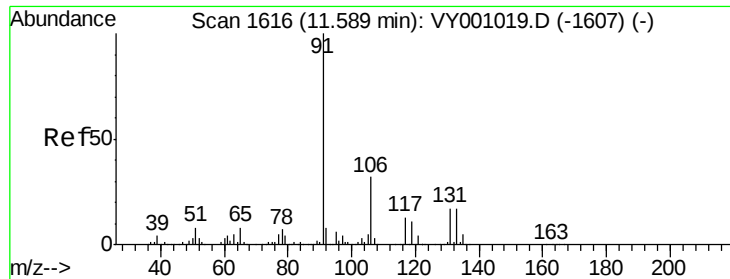


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 131.488 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2662672

Ion Ratio Lower Upper

91 100

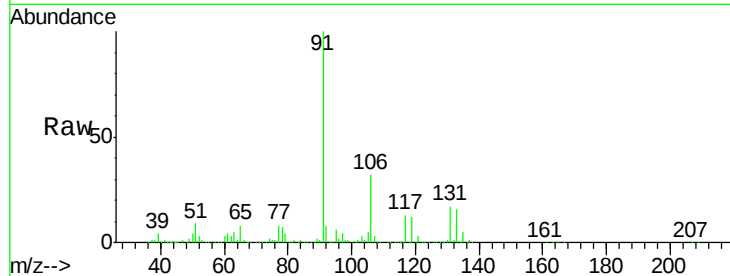
106 32.3 25.3 37.9

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Abundance Ion 91.00 (90.70 to 91.70): VY001021.D (-1567) (-)

Ion 106.00 (105.70 to 106.70): VY001021.D (-1567) (-)

2500000

2000000

1500000

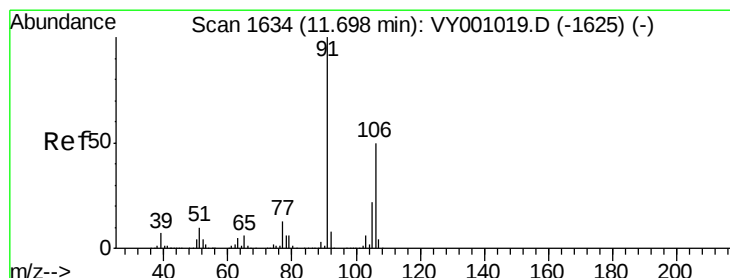
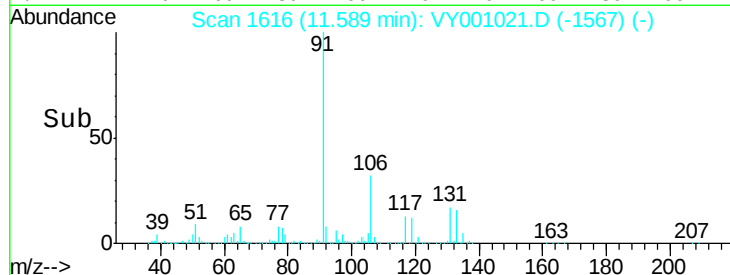
1000000

500000

0

11.59

Time-->



#68

m/p-Xylenes

Concen: 262.241 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001021.D

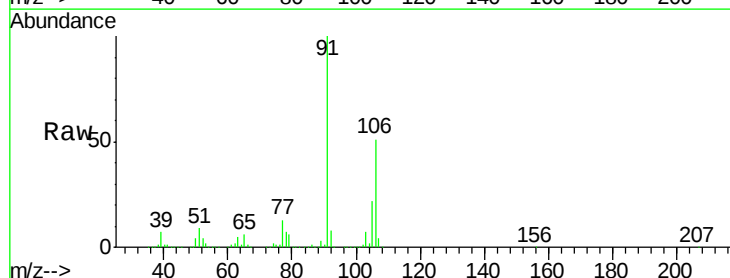
Acq: 23 Dec 2019 11:49

Tgt Ion: 106 Resp: 2017199

Ion Ratio Lower Upper

106 100

91 195.9 156.4 234.6



Abundance Ion 106.00 (105.70 to 106.70): VY001021.D (-1585) (-)

Ion 91.00 (90.70 to 91.70): VY001021.D (-1585) (-)

2500000

2000000

1500000

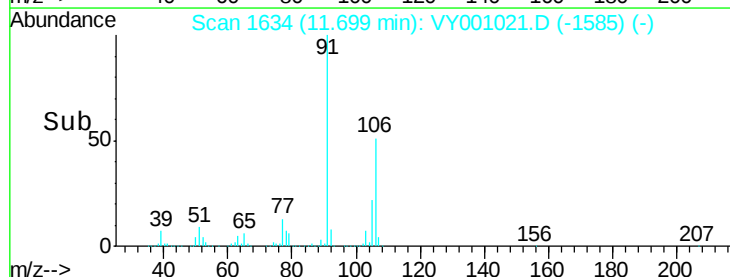
1000000

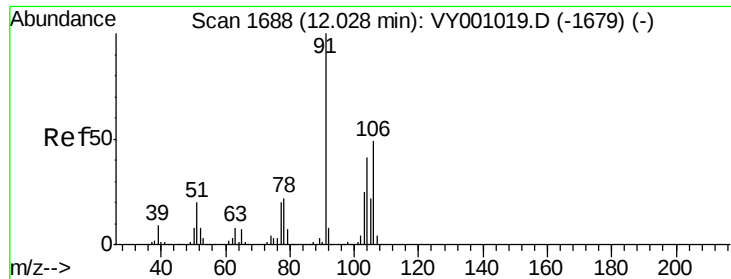
500000

0

11.70

Time-->





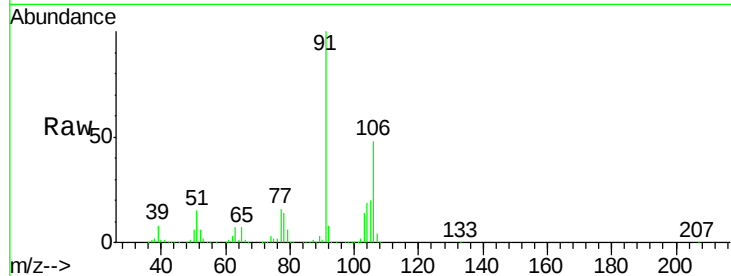
#69
o-Xylene
Concen: 130.496 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

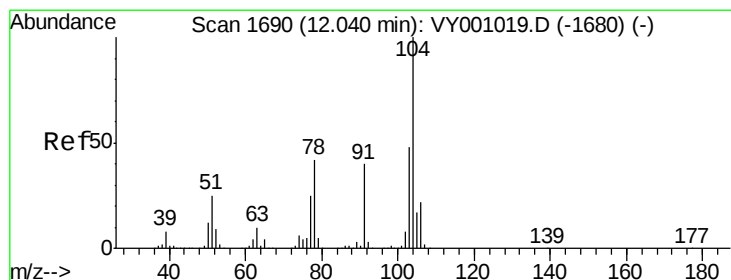
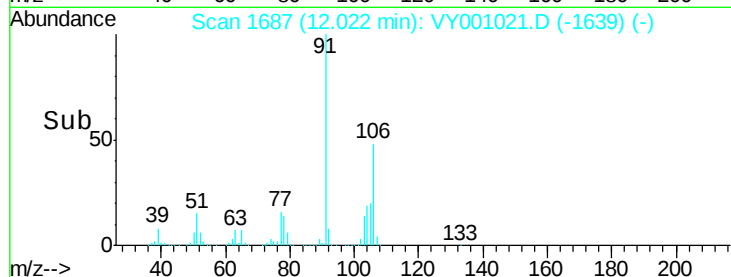
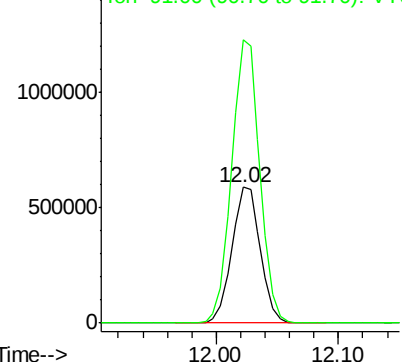
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		945012		
91	206.6	103.0	309.0		

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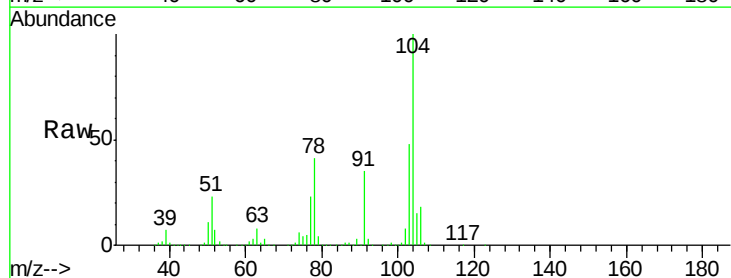


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

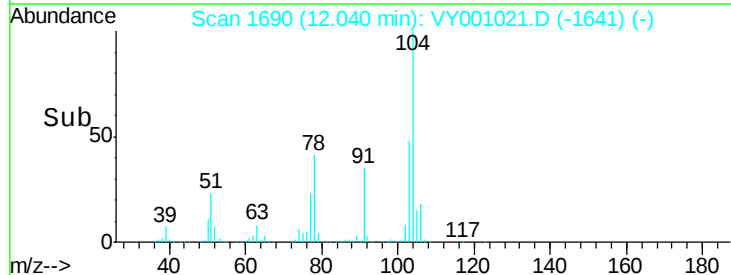
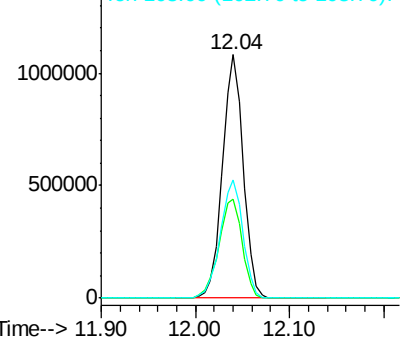


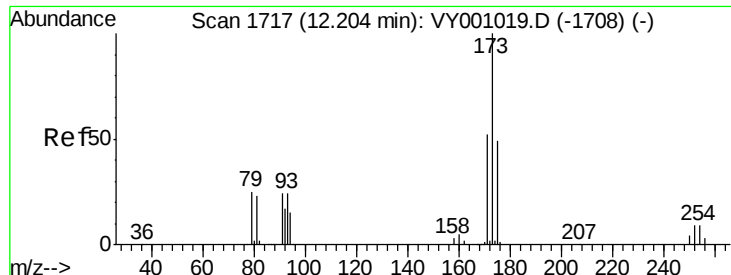
#70
Styrene
Concen: 134.113 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.8	36.6	54.8	
103	53.2	42.6	64.0	



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





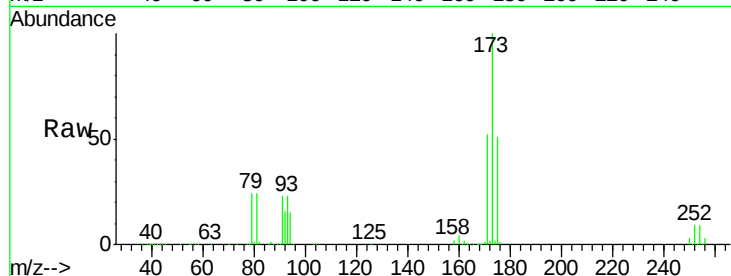
#71
Bromoform
Concen: 146.798 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

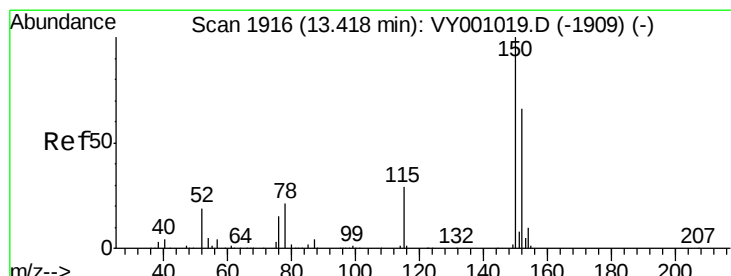
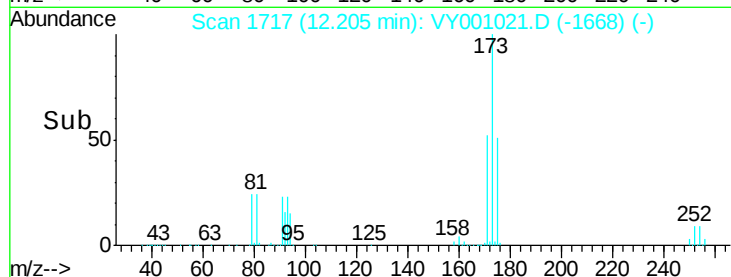
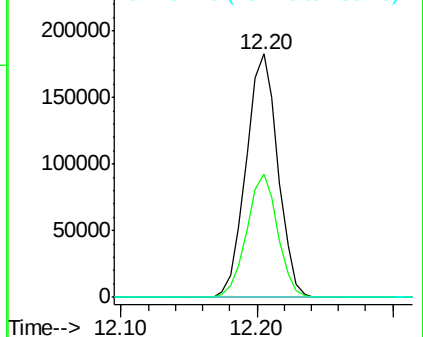
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.1	0.0	0.0

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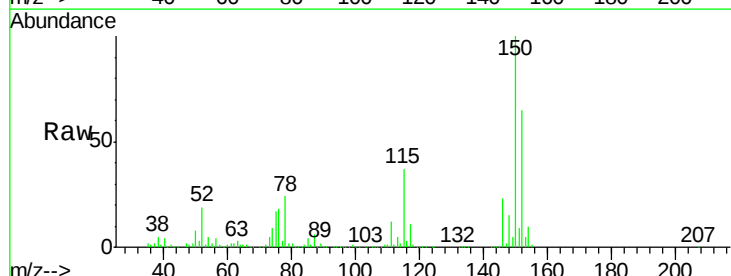


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

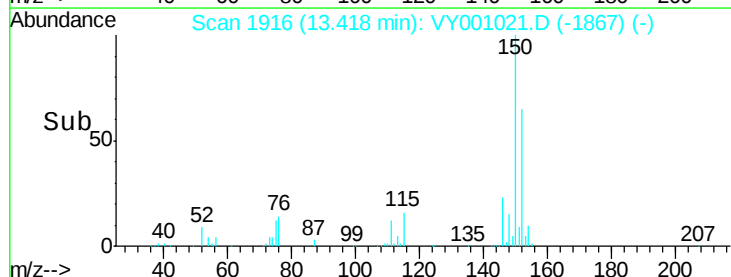
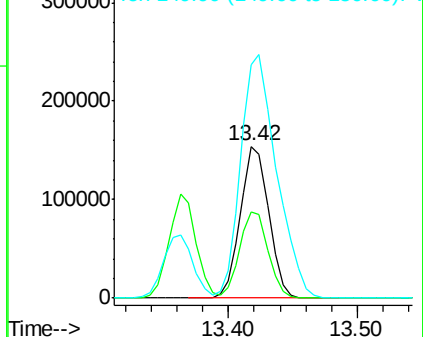


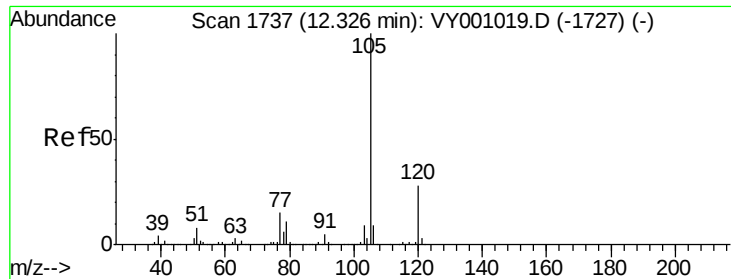
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.8	89.3
150	203.3	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





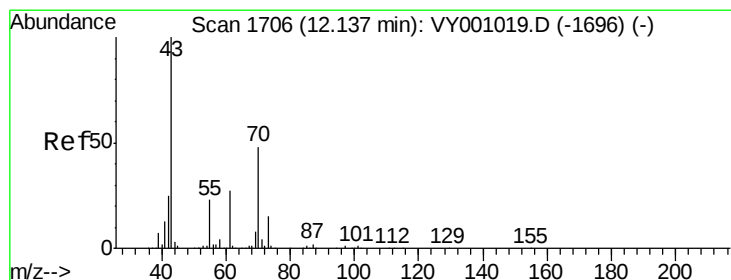
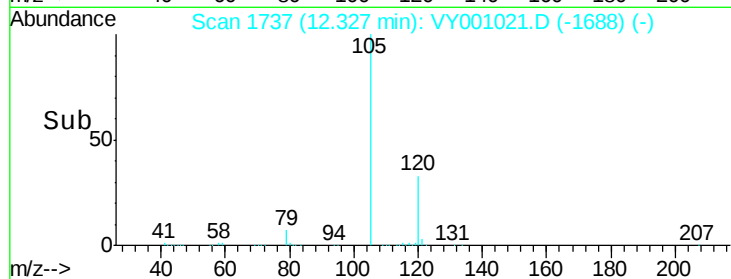
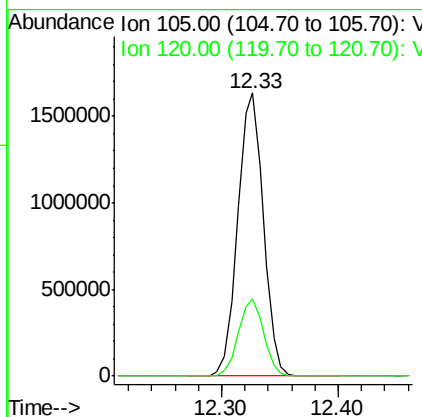
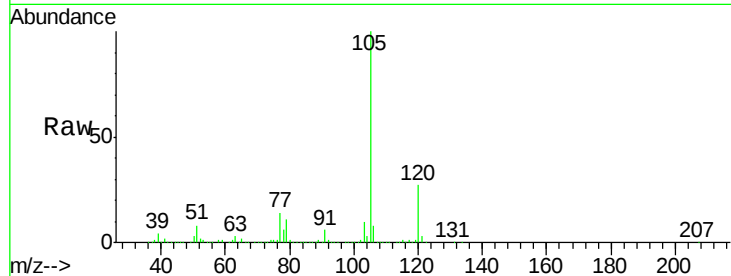
#73
Isopropylbenzene
Concen: 136.079 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2498816
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

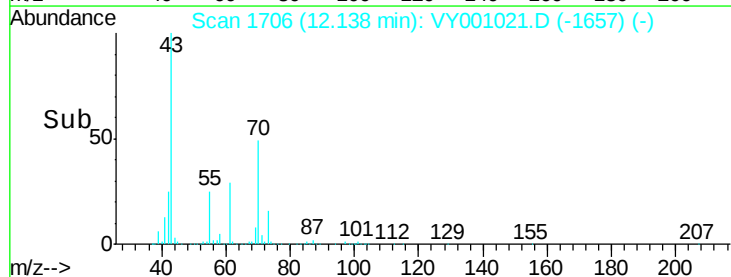
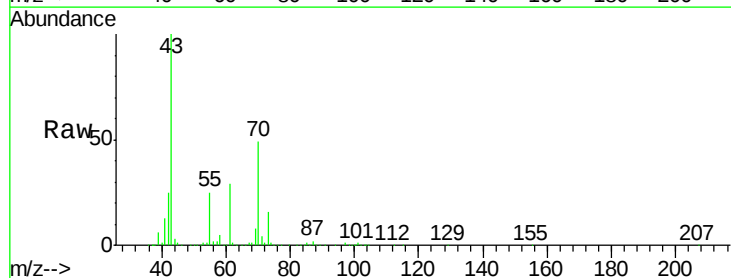
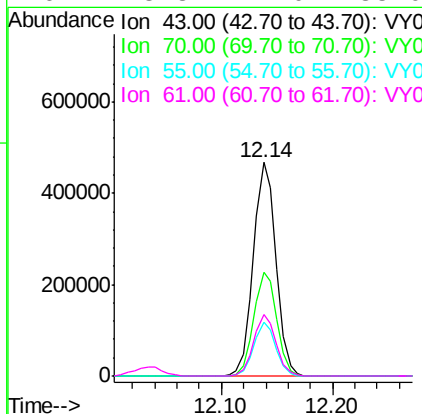
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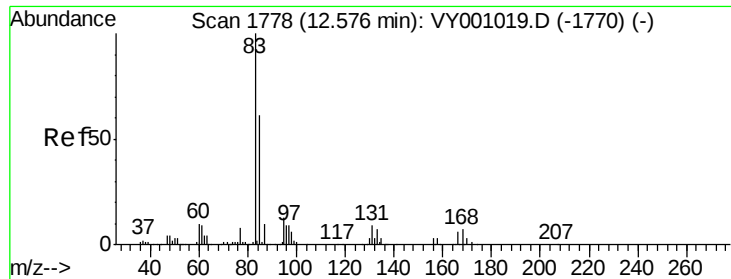
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#74
N-ethyl acetate
Concen: 137.572 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion: 43 Resp: 662550
Ion Ratio Lower Upper
43 100
70 49.2 39.0 58.6
55 24.4 19.5 29.3
61 28.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 140.841 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

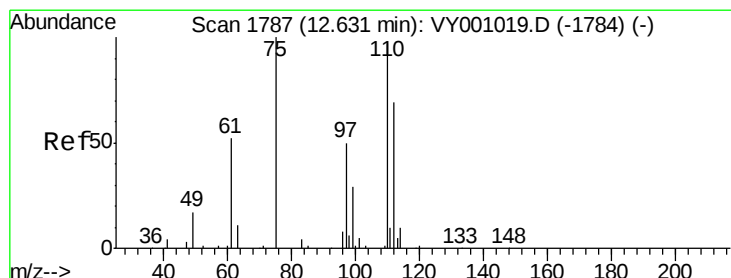
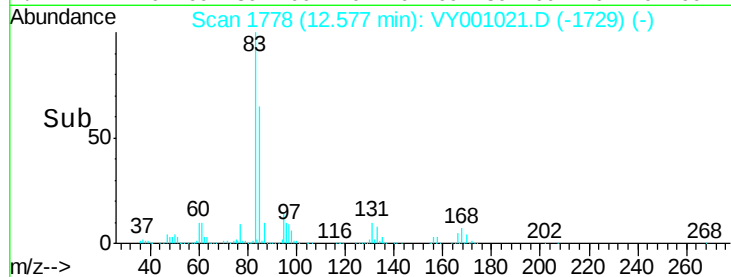
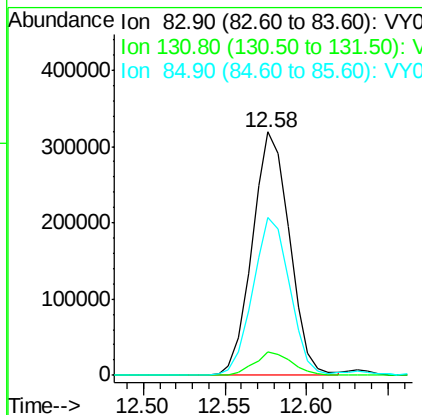
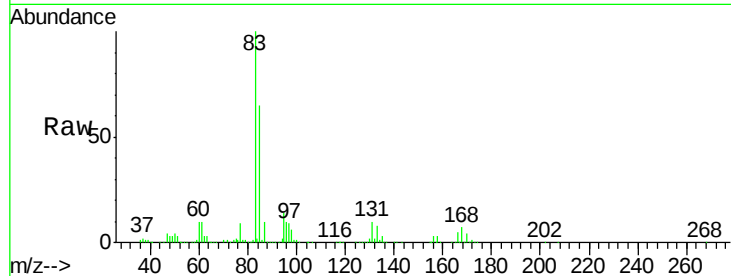
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	506771
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	64.4	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 107.143 ug/l m

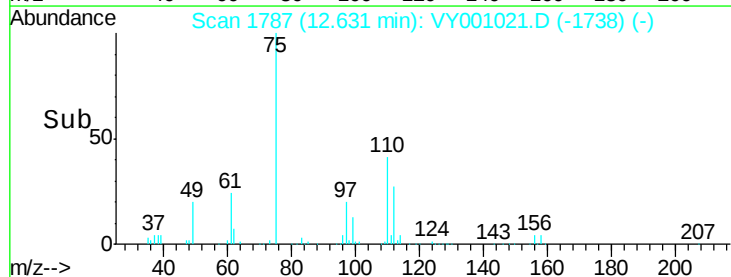
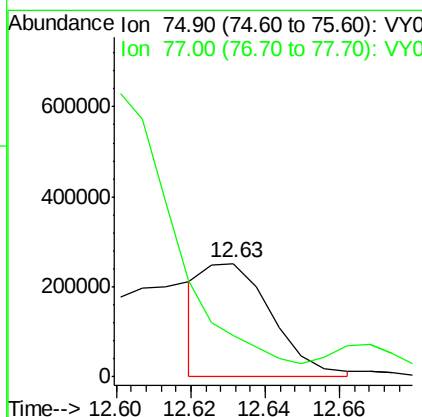
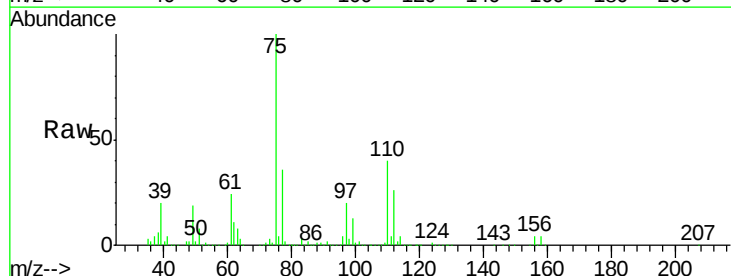
RT: 12.63 min Scan# 1787

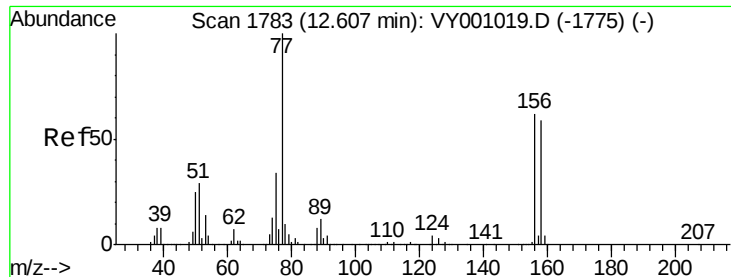
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	75	Resp:	324013
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 133.755 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

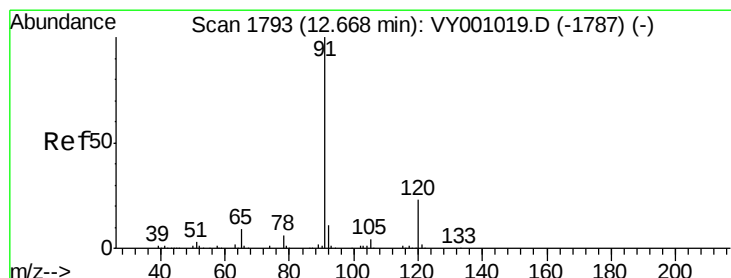
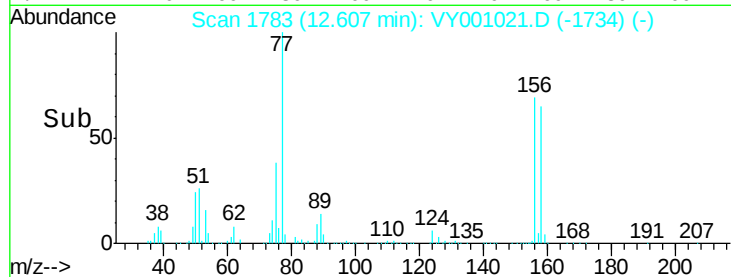
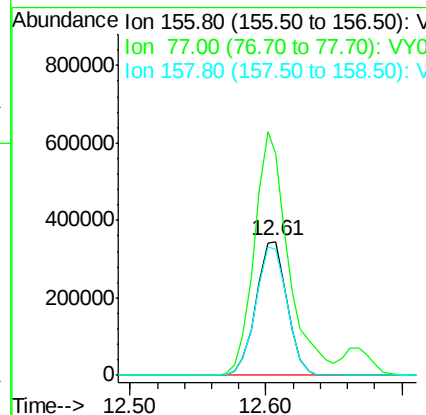
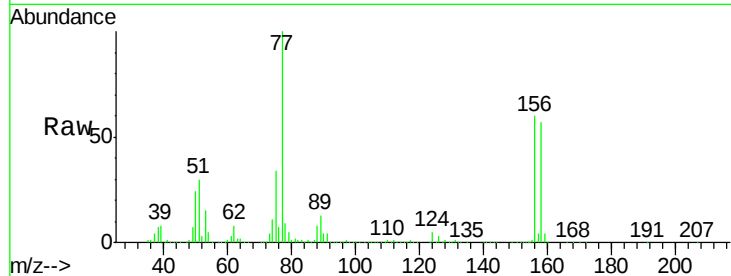
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.4	98.0	294.1
158	97.5	48.5	145.6

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#78

n-propylbenzene

Concen: 135.877 ug/l

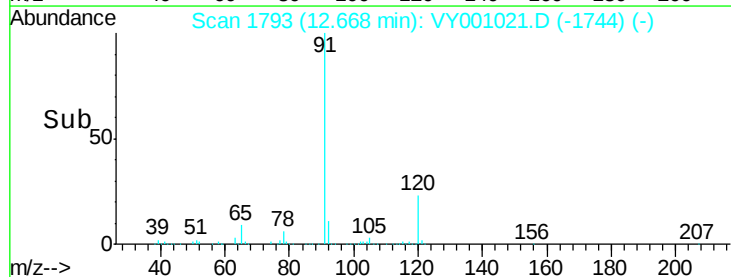
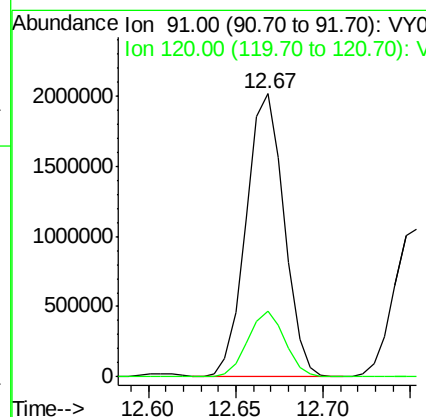
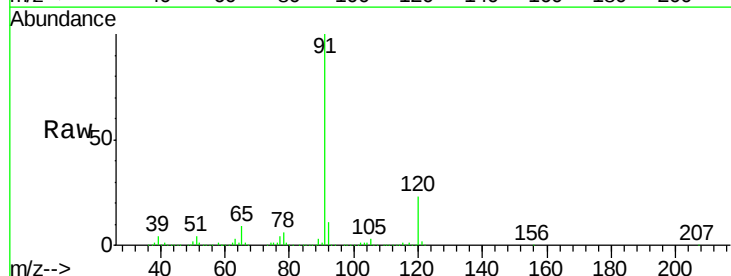
RT: 12.67 min Scan# 1793

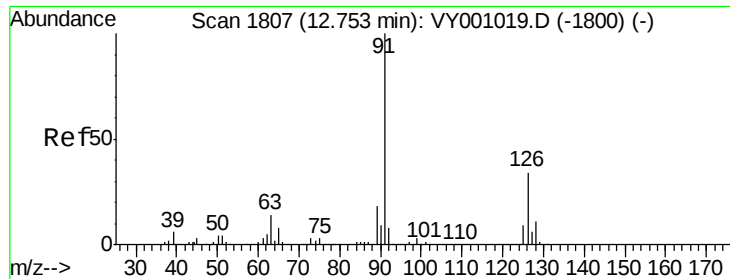
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.2





#79

2-Chlorotoluene

Concen: 132.693 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1645942

Ion Ratio Lower Upper

91 100

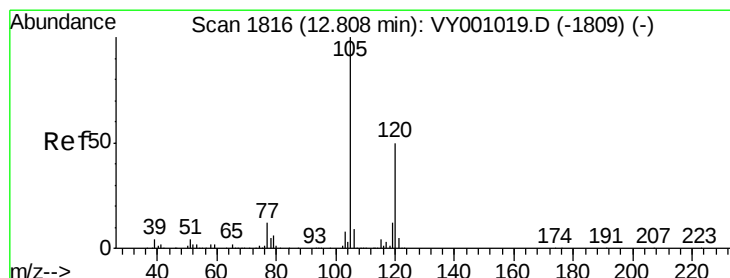
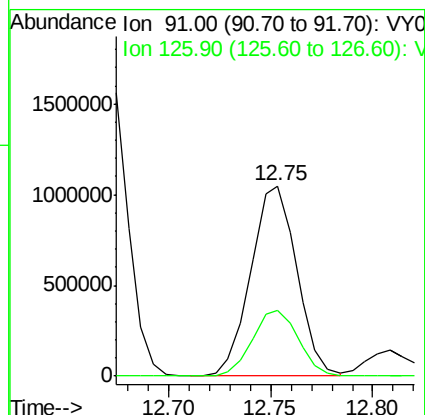
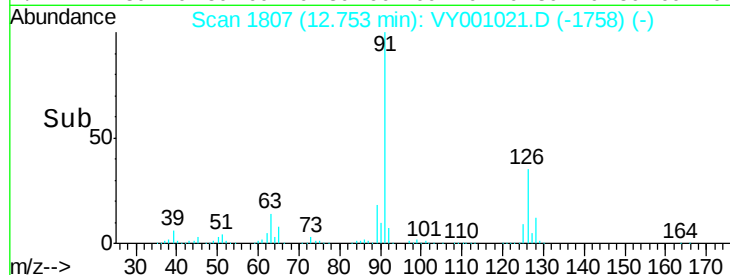
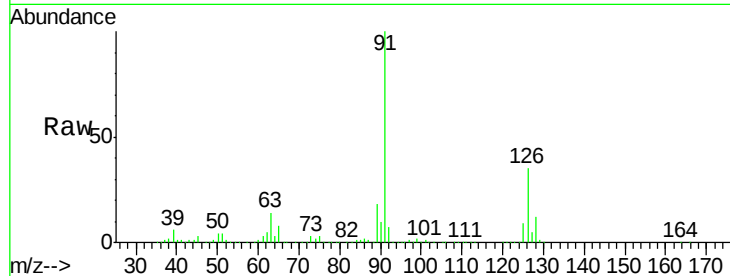
126 34.8 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 134.557 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001021.D

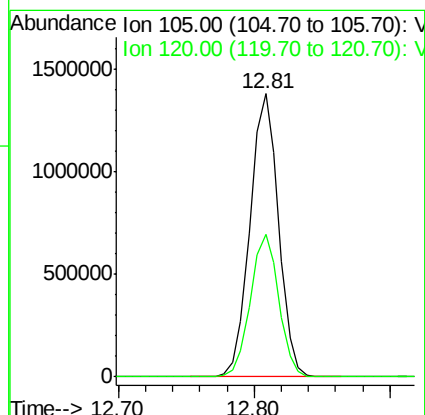
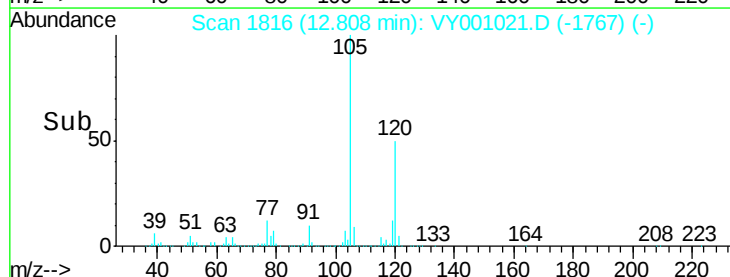
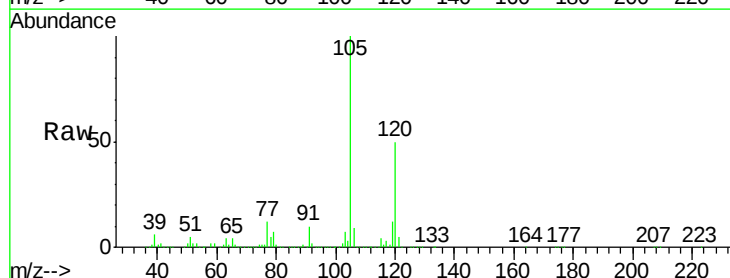
Acq: 23 Dec 2019 11:49

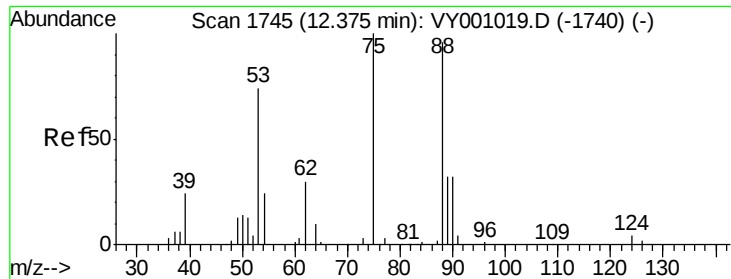
Tgt Ion: 105 Resp: 2028844

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 152.554 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 205428

Ion Ratio Lower Upper

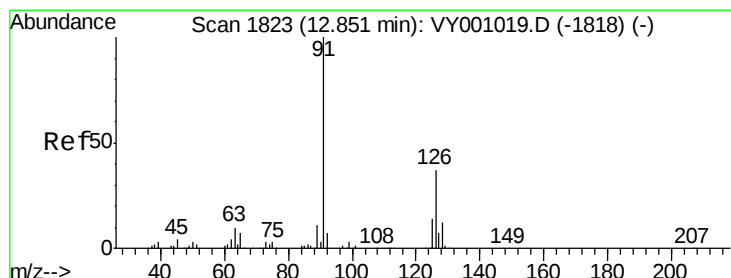
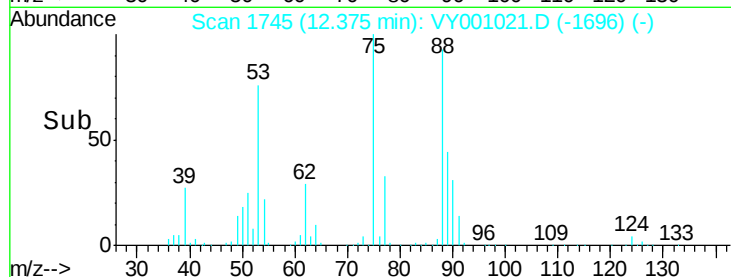
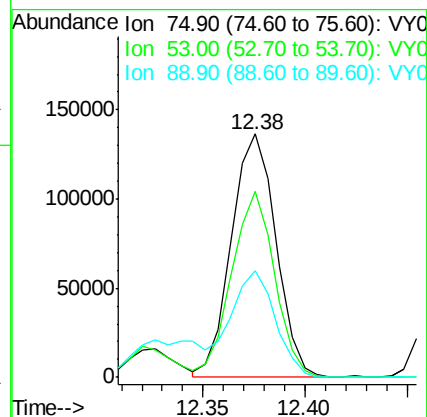
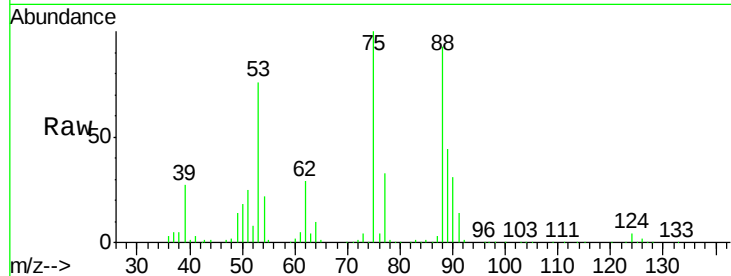
75 100

53 73.6 60.6 91.0

89 44.5 35.4 53.0

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#82

4-Chlorotoluene

Concen: 133.827 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001021.D

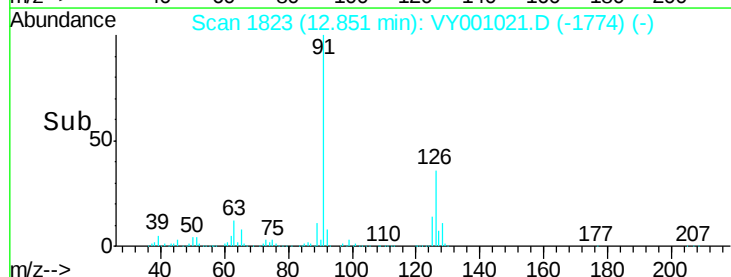
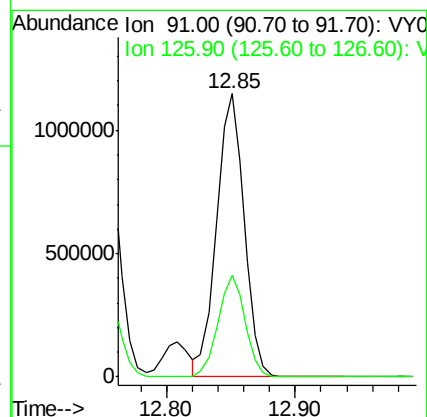
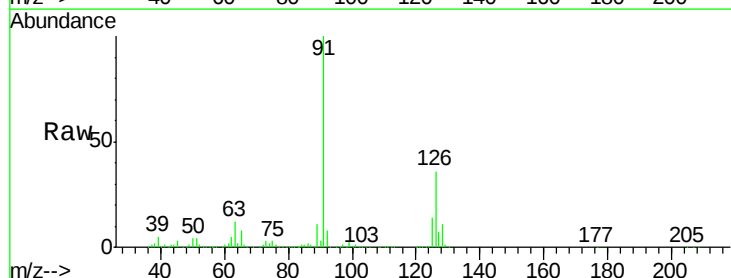
Acq: 23 Dec 2019 11:49

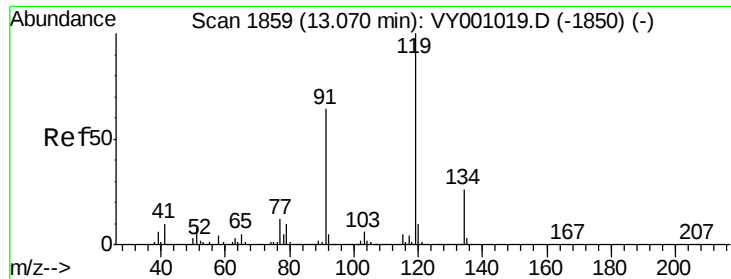
Tgt Ion: 91 Resp: 1721989

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8





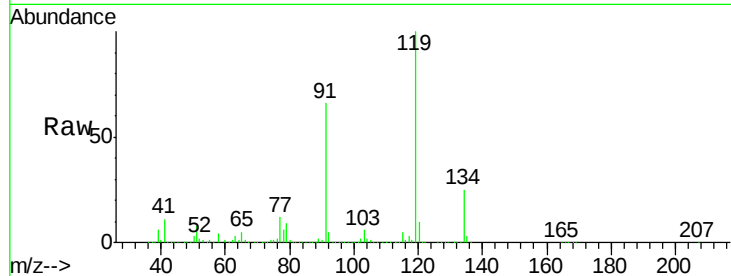
#83
tert-Butylbenzene
Concen: 134.848 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

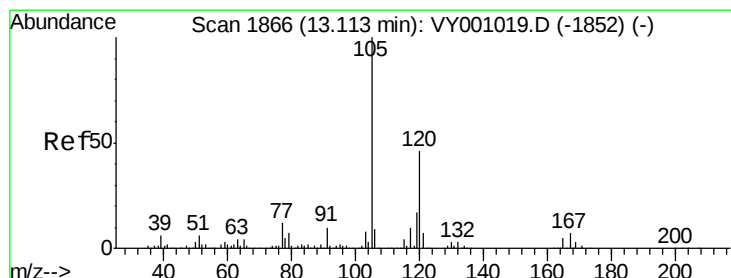
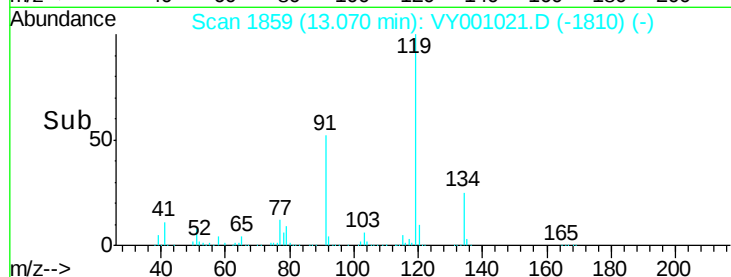
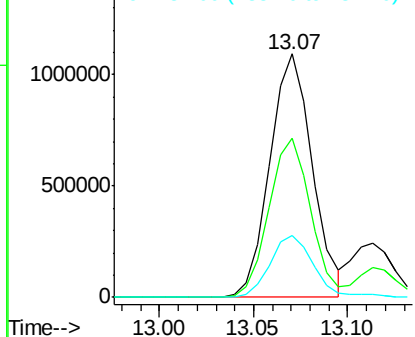
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.9	95.7
134	26.4	13.6	40.7

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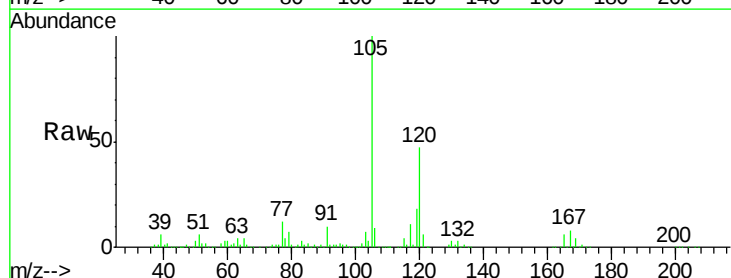


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

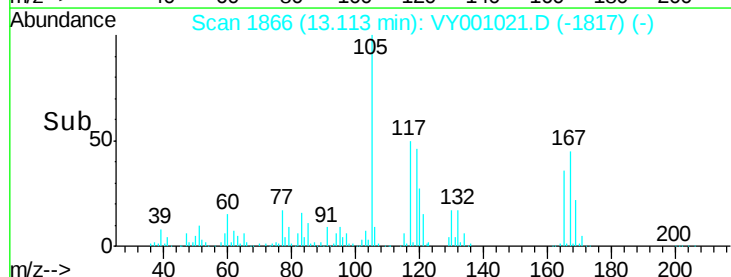
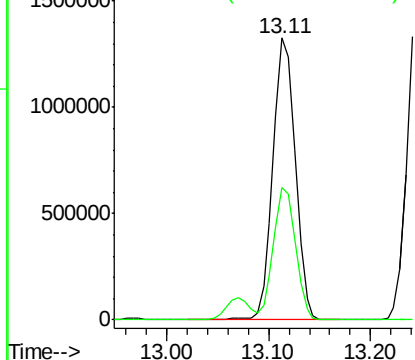


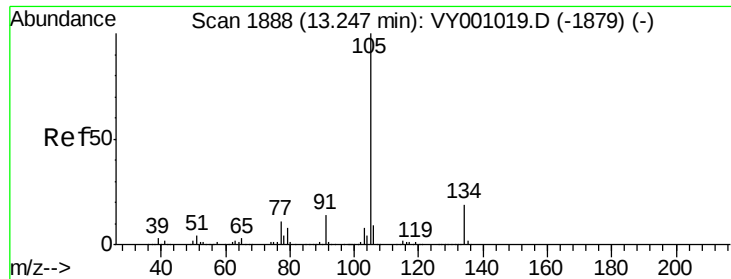
#84
1,2,4-Trimethylbenzene
Concen: 132.054 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





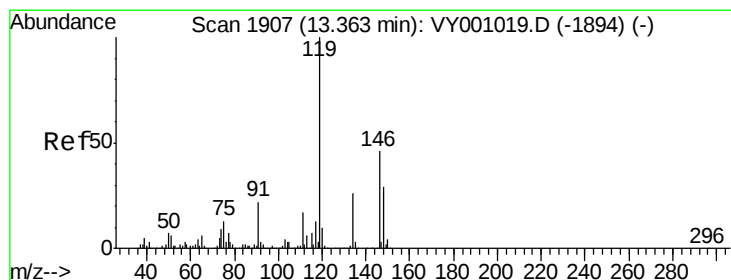
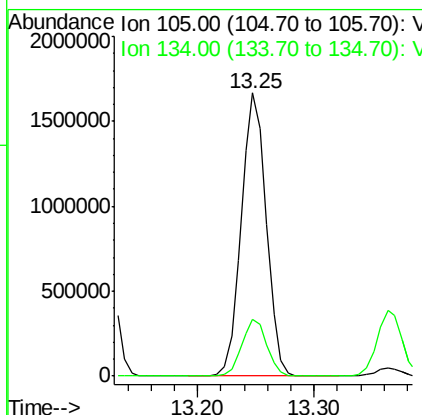
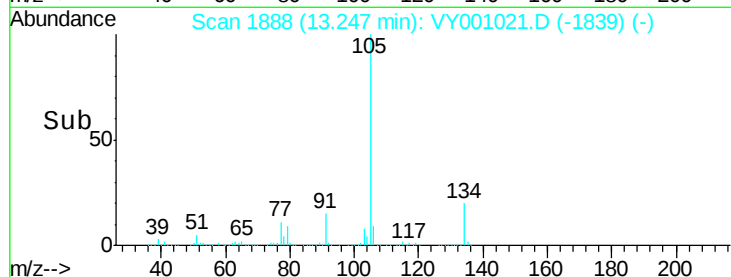
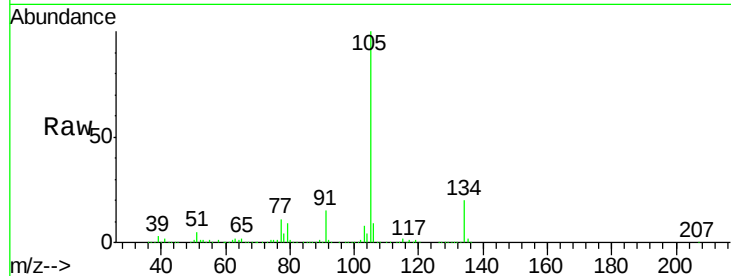
#85
 sec-Butylbenzene
 Concen: 133.545 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2494706
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

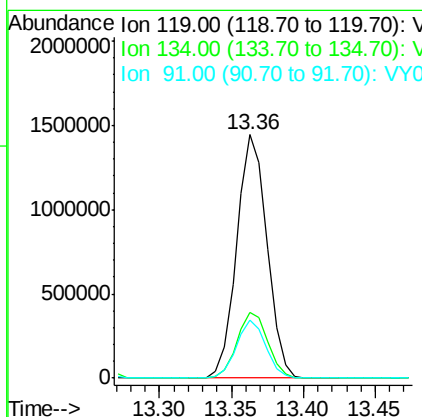
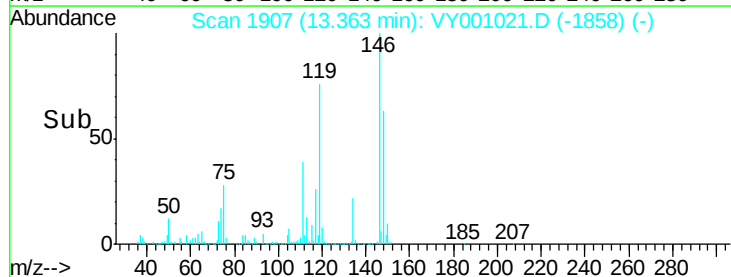
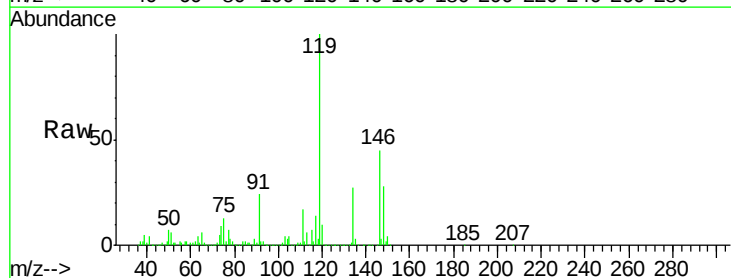
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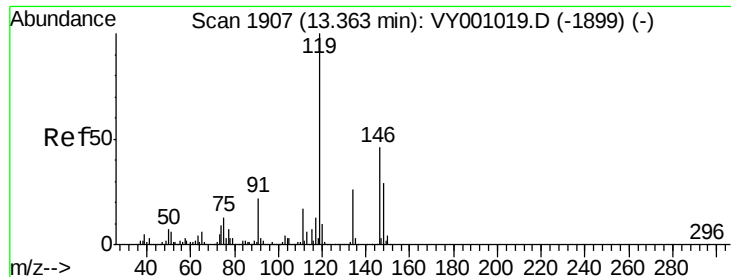
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#86
 p-Isopropyltoluene
 Concen: 129.977 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion:119 Resp: 2109480
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 23.1 11.4 34.1





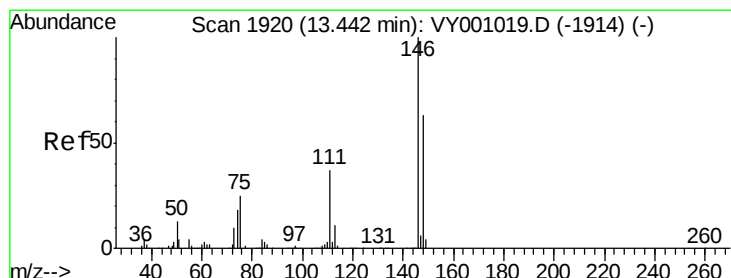
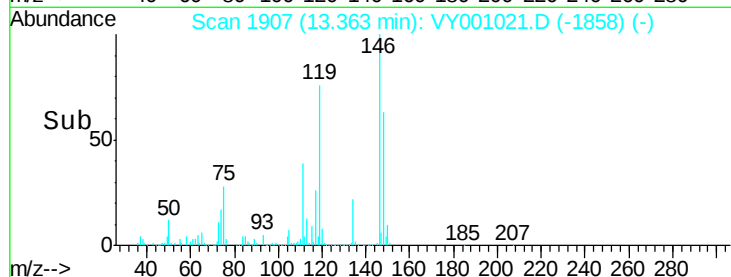
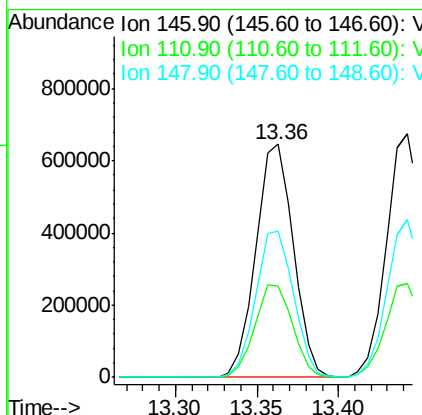
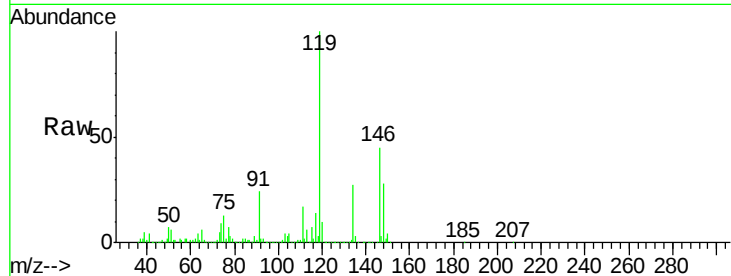
#87
 1,3-Dichlorobenzene
 Concen: 128.780 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1029949
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.0
 148 63.5 31.9 95.5

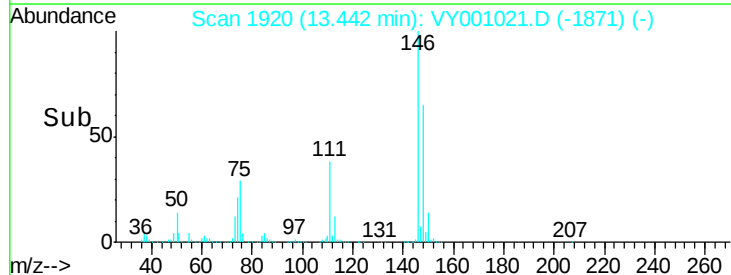
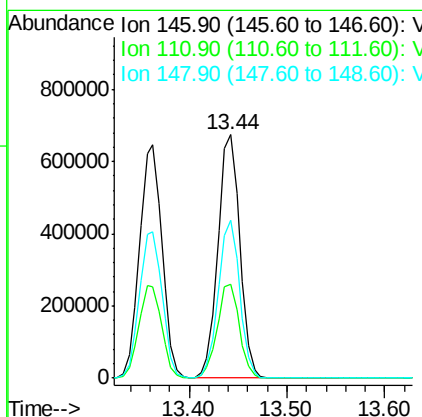
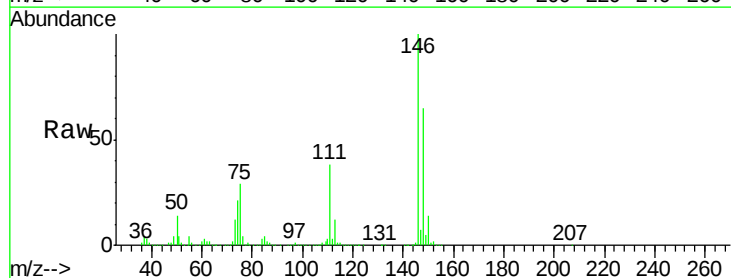
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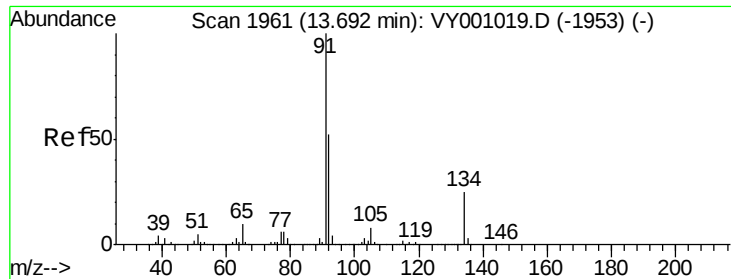
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#88
 1,4-Dichlorobenzene
 Concen: 130.046 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001021.D
 Acq: 23 Dec 2019 11:49

Tgt Ion:146 Resp: 1047696
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 63.6 31.8 95.3





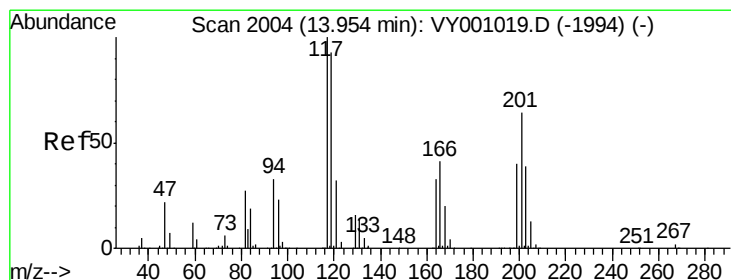
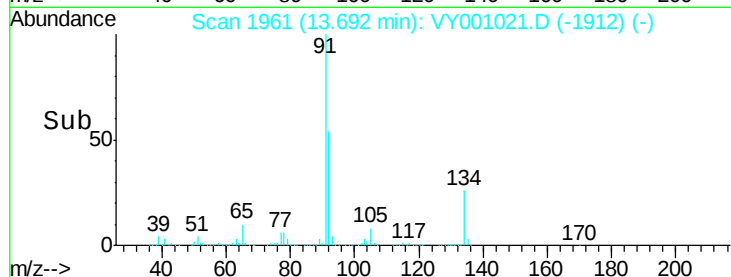
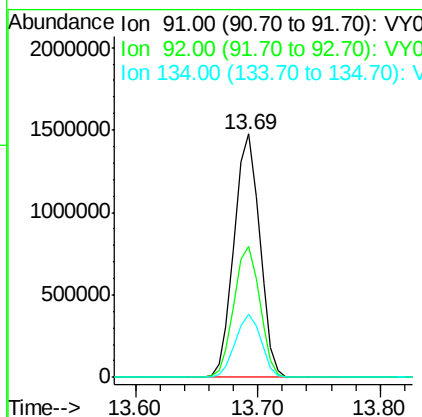
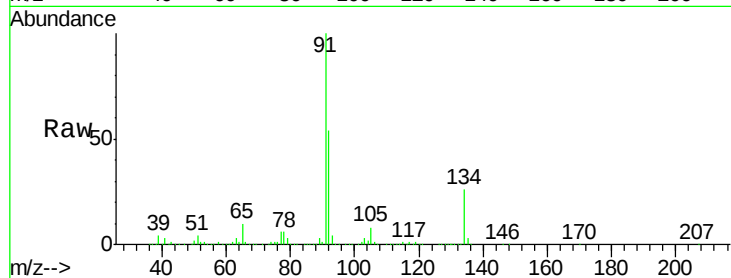
#89
n-Butylbenzene
Concen: 131.230 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.7
134	25.8	12.7	38.0

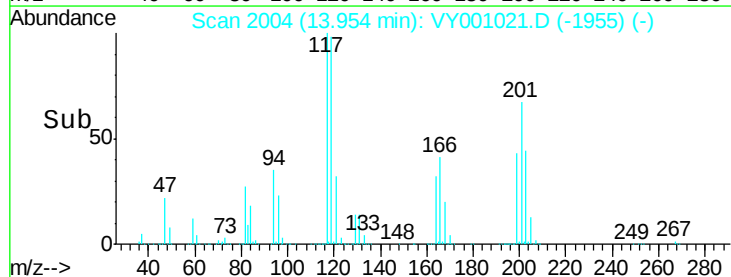
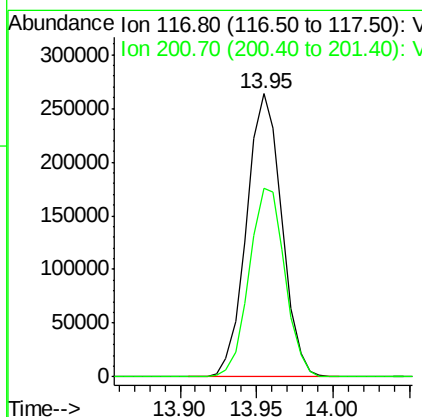
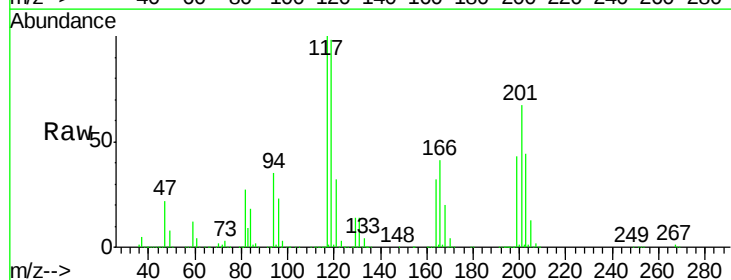
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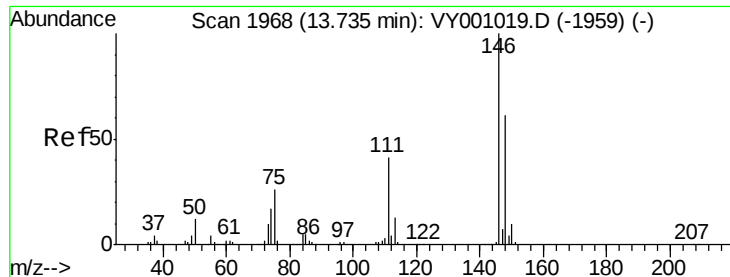
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#90
Hexachloroethane
Concen: 139.641 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.7	101.1





#91

1,2-Dichlorobenzene

Concen: 131.177 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Instrument :

MSVOA_Y

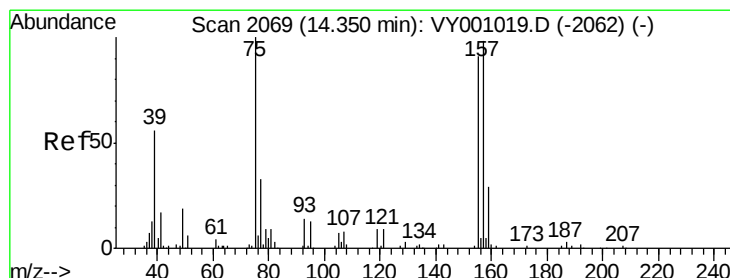
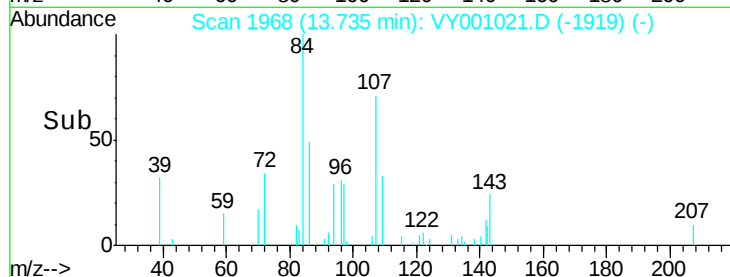
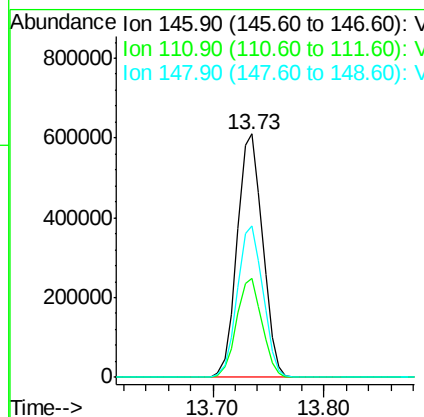
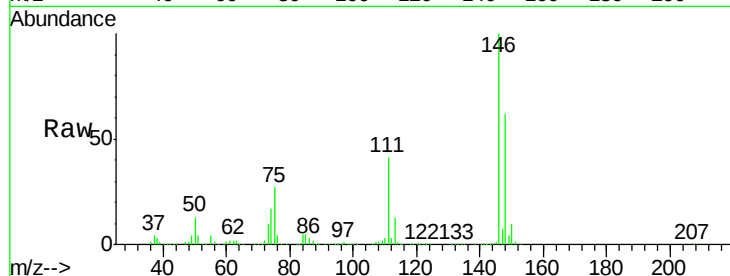
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	965125
Ion Ratio		Lower	Upper
146	100		
111	40.6	20.6	61.9
148	62.6	31.6	94.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 136.714 ug/l

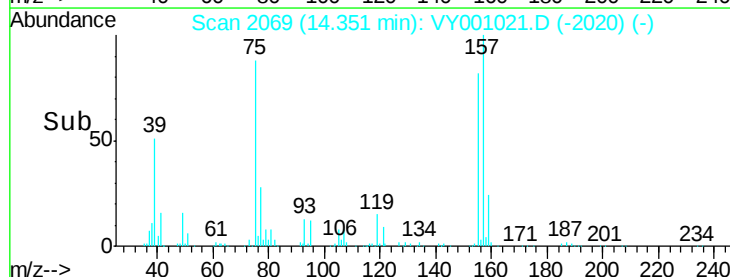
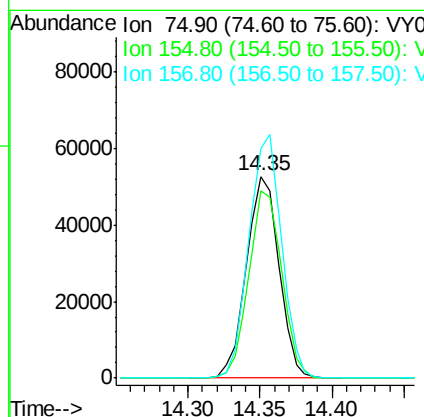
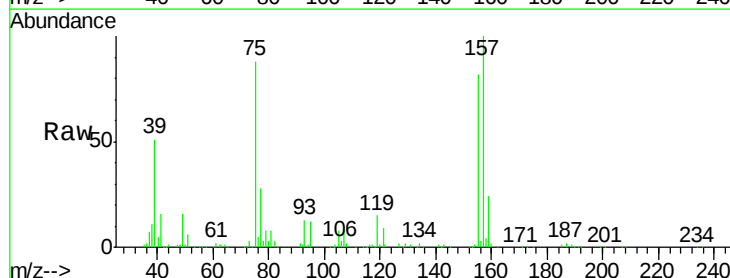
RT: 14.35 min Scan# 2069

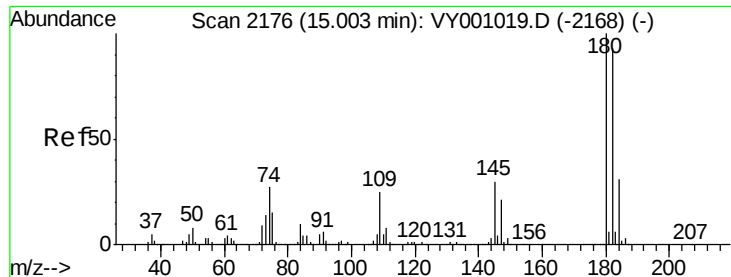
Delta R.T. 0.00 min

Lab File: VY001021.D

Acq: 23 Dec 2019 11:49

Tgt Ion:	75	Resp:	82685
Ion Ratio		Lower	Upper
75	100		
155	93.4	46.3	138.9
157	120.5	58.1	174.4





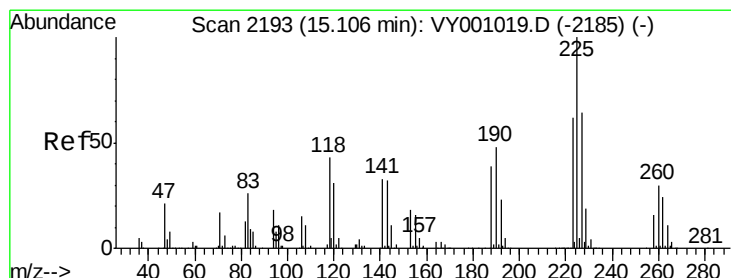
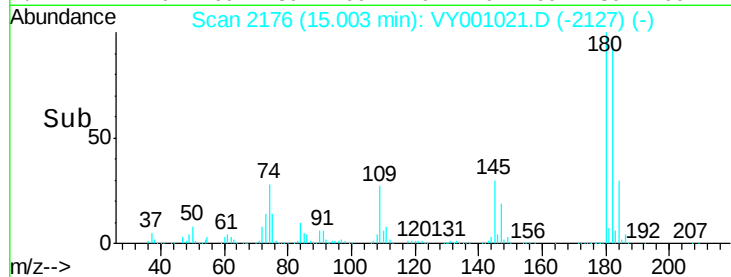
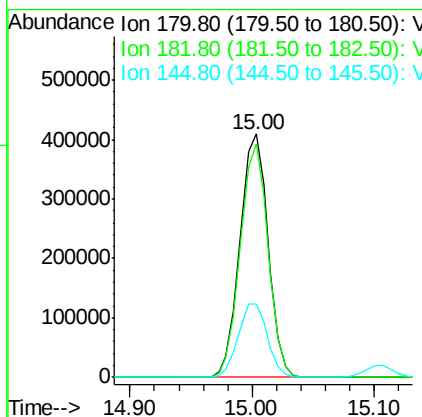
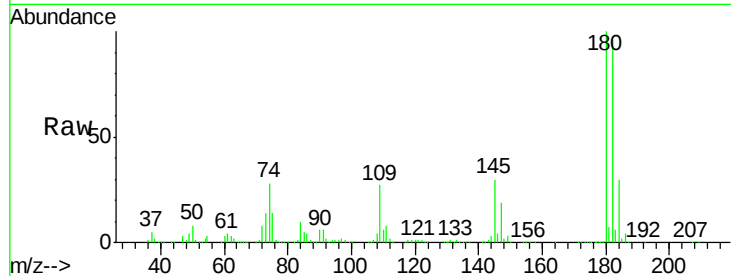
#93
1,2,4-Trichlorobenzene
Concen: 131.118 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	651191		
182	94.6	46.8	140.3	
145	31.3	15.3	45.9	

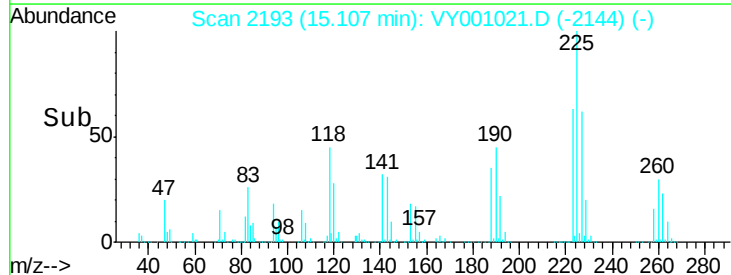
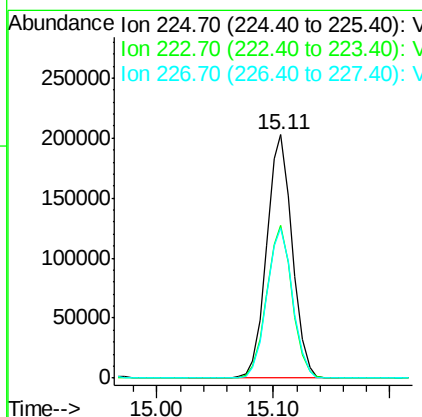
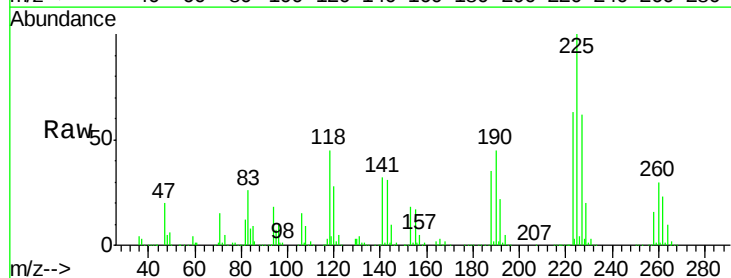
Manual Integrations
APPROVED

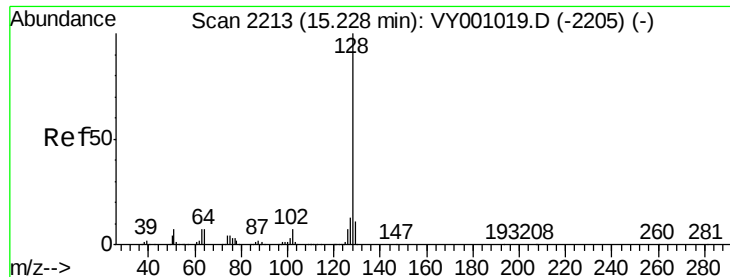
apatel
12/24/2019 11:06:02 AM



#94
Hexachlorobutadiene
Concen: 130.507 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	308652		
223	62.4	31.6	94.8	
227	62.1	31.9	95.5	





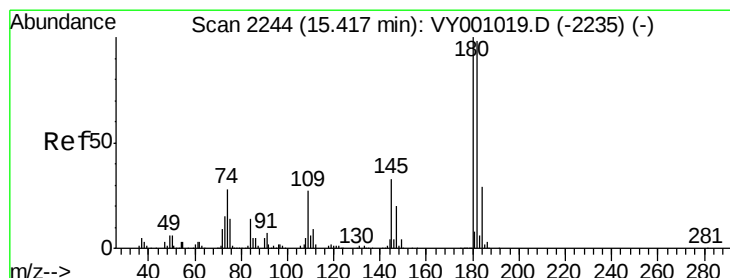
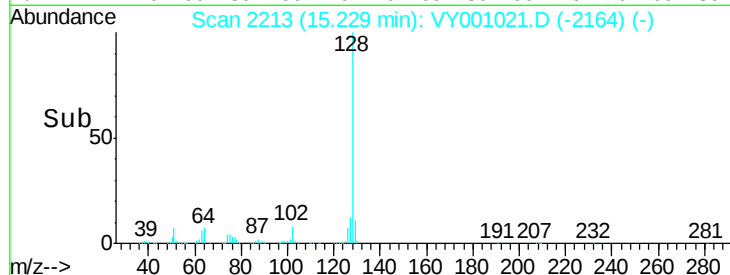
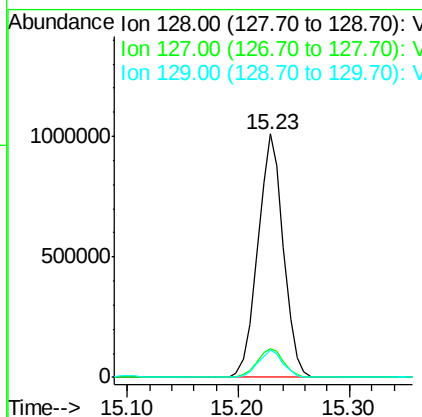
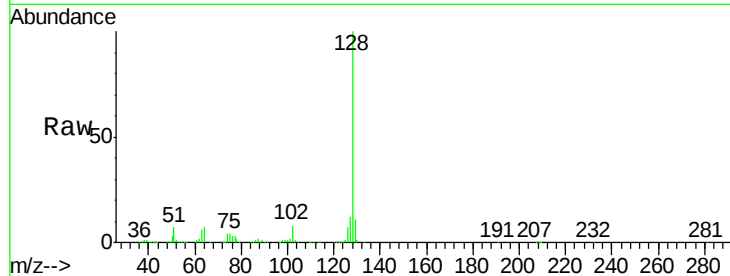
#95
Naphthalene
Concen: 138.965 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
12/24/2019 11:06:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 134.084 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001021.D
Acq: 23 Dec 2019 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	32.7	16.3	48.9

