

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001020.D
 Acq On : 23 Dec 2019 11:27
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 12/24/2019 11:05:58 AM

Quant Time: Dec 23 11:47:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 11:38:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	317440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	552836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	494380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	327303	104.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.04%	
35) Dibromofluoromethane	7.73	113	333151	100.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.36%	
50) Toluene-d8	10.18	98	1375332	109.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.18%	
62) 4-Bromofluorobenzene	12.47	95	451978	93.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	265703	92.713	ug/l	99
3) Chloromethane	2.12	50	357854	91.246	ug/l	98
4) Vinyl Chloride	2.25	62	349830	92.025	ug/l	97
5) Bromomethane	2.63	94	210253	86.872	ug/l	100
6) Chloroethane	2.79	64	218791	92.517	ug/l	92
7) Trichlorofluoromethane	3.13	101	516503	93.522	ug/l	98
8) Diethyl Ether	3.53	74	217809	97.730	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	345204	95.312	ug/l	99
10) Methyl Iodide	4.10	142	518823	108.619	ug/l	100
11) Tert butyl alcohol	4.96	59	161713	451.112	ug/l	100
12) 1,1-Dichloroethene	3.87	96	353102	97.118	ug/l	96
13) Acrolein	3.74	56	227085	535.321	ug/l	99
14) Allyl chloride	4.49	41	543679	95.447	ug/l	99
15) Acrylonitrile	5.18	53	551996	497.086	ug/l	99
16) Acetone	3.95	43	348334	467.033	ug/l	98
17) Carbon Disulfide	4.19	76	1177686	100.041	ug/l	98
18) Methyl Acetate	4.49	43	276071	98.210	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	916672	97.805	ug/l	98
20) Methylene Chloride	4.72	84	392188	87.788	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	392648	97.474	ug/l	95
22) Diisopropyl ether	6.13	45	1062516	90.734	ug/l	98
23) Vinyl Acetate	6.07	43	3435280	467.755	ug/l	99
24) 1,1-Dichloroethane	6.03	63	642740	94.280	ug/l	99
25) 2-Butanone	7.00	43	623610	479.000	ug/l	96
26) 2,2-Dichloropropane	6.99	77	519159	91.818	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	428780	96.600	ug/l	99
28) Bromochloromethane	7.35	49	271455	104.716	ug/l	94
29) Tetrahydrofuran	7.36	42	432791	461.648	ug/l	98
30) Chloroform	7.52	83	615314	95.958	ug/l	99
31) Cyclohexane	7.79	56	633693	85.882	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	525993	96.715	ug/l	98
36) 1,1-Dichloropropene	7.93	75	521493	95.907	ug/l	99
37) Ethyl Acetate	7.08	43	282269	92.830	ug/l	98
38) Carbon Tetrachloride	7.91	117	464136	98.652	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	699147	97.631	ug/l	98
40) Benzene	8.17	78	1579675	96.646	ug/l	97
41) Methacrylonitrile	7.33	41	133653m	106.122	ug/l	
42) 1,2-Dichloroethane	8.24	62	379510	97.397	ug/l	100
43) Isopropyl Acetate	8.28	43	551160	100.053	ug/l	100
44) Trichloroethene	8.94	130	414328	95.885	ug/l	100
45) 1,2-Dichloropropane	9.22	63	396073	96.405	ug/l	97
46) Dibromomethane	9.31	93	208489	99.451	ug/l	100
47) Bromodichloromethane	9.50	83	482116	99.465	ug/l	100
48) Methyl methacrylate	9.30	41	238130	102.033	ug/l	99
49) 1,4-Dioxane	9.30	88	60727	1989.783	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	1392178	477.839	ug/l	99
52) Toluene	10.24	92	966527	95.594	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	533380	102.396	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	627325	98.869	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	307844	97.875	ug/l	96
56) Ethyl methacrylate	10.51	69	459432	104.735	ug/l	99
57) 1,3-Dichloropropane	10.79	76	537413	97.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	836474	477.300	ug/l	99
59) 2-Hexanone	10.83	43	980228	490.006	ug/l	99
60) Dibromochloromethane	10.99	129	339416	103.028	ug/l	99
61) 1,2-Dibromoethane	11.09	107	299909	100.856	ug/l	99
64) Tetrachloroethene	10.72	164	404869	90.051	ug/l	99
65) Chlorobenzene	11.51	112	998683	94.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	342810	99.551	ug/l	99
67) Ethyl Benzene	11.59	91	1811912	95.308	ug/l	99
68) m/p-Xylenes	11.70	106	1385039	192.078	ug/l	100
69) o-Xylene	12.02	106	651180	95.896	ug/l	100
70) Styrene	12.04	104	1124725	98.281	ug/l	100
71) Bromoform	12.20	173	203041	109.382	ug/l #	100
73) Isopropylbenzene	12.33	105	1701260	94.728	ug/l	99
74) N-amyl acetate	12.14	43	466655	100.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	349764	100.562	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	277546m	93.632	ug/l	
77) Bromobenzene	12.60	156	387071	95.782	ug/l	99
78) n-propylbenzene	12.67	91	2073964	94.757	ug/l	99
79) 2-Chlorotoluene	12.75	91	1136162	93.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1399291	94.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	138404	107.886	ug/l	99
82) 4-Chlorotoluene	12.85	91	1190821	94.602	ug/l	99
83) tert-Butylbenzene	13.07	119	1159241	93.434	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	1392967	93.503	ug/l	99
85) sec-Butylbenzene	13.25	105	1700708	92.707	ug/l	100
86) p-Isopropyltoluene	13.36	119	1474263	92.452	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	722780	91.870	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	737312	93.307	ug/l	99
89) n-Butylbenzene	13.69	91	1475651	92.029	ug/l	99
90) Hexachloroethane	13.95	117	290997	99.281	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	674947	93.581	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	56124	94.919	ug/l	97

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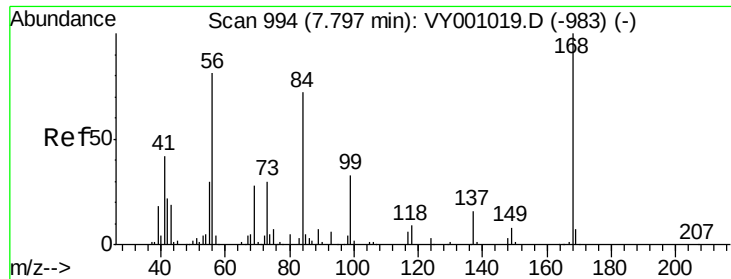
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	452450	92.782	ug/l	100
94) Hexachlorobutadiene	15.11	225	212817	91.386	ug/l	99
95) Naphthalene	15.23	128	1106568	98.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	405312	93.686	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 317440

Ion Ratio Lower Upper

168 100

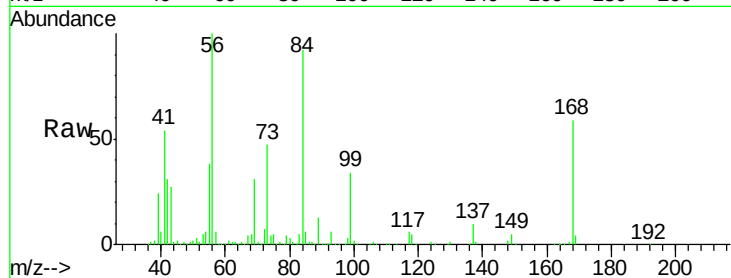
99 57.2 44.0 66.0

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

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

7.80

150000

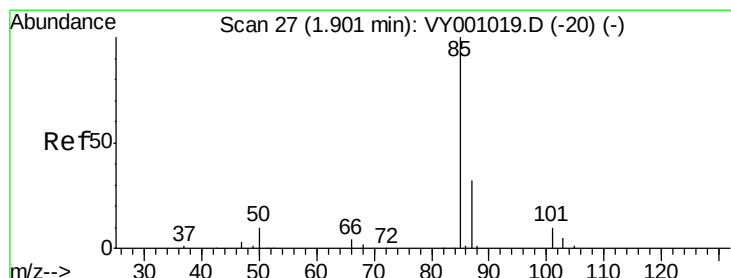
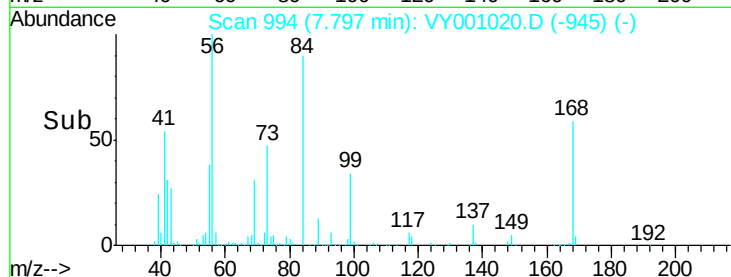
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 92.713 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001020.D

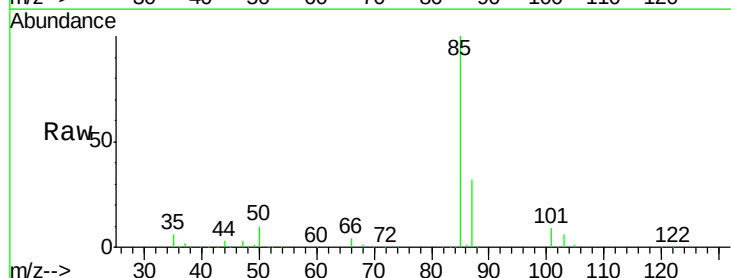
Acq: 23 Dec 2019 11:27

Tgt Ion: 85 Resp: 265703

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



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

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

1.90

150000

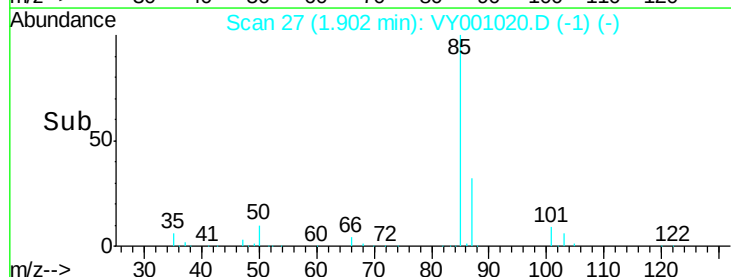
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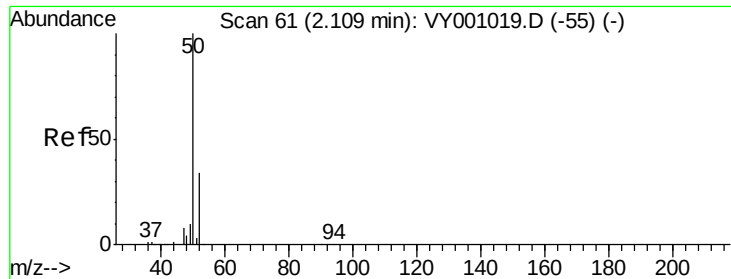
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 91.246 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 357854

Ion Ratio Lower Upper

50 100

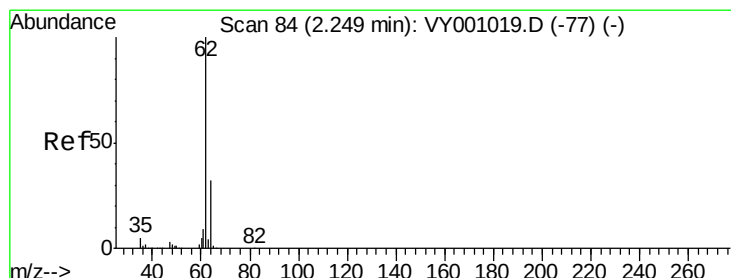
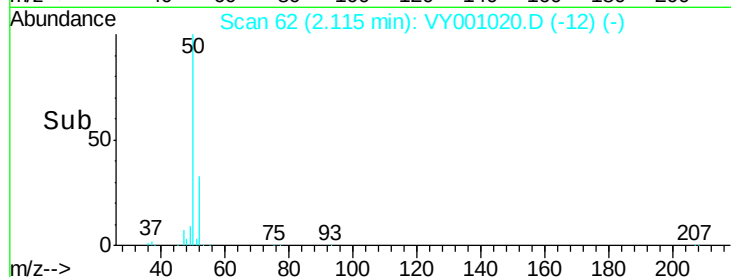
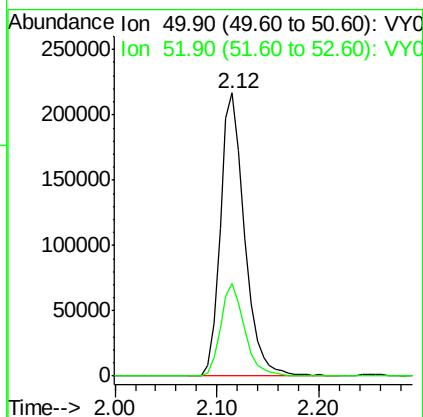
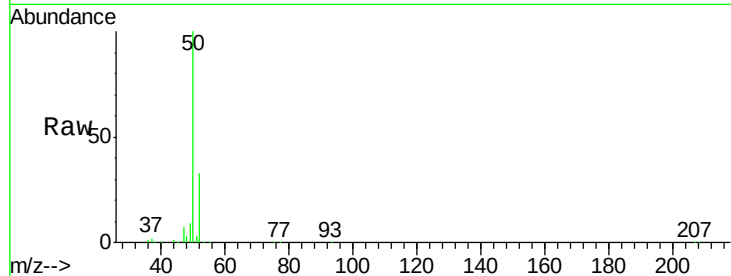
52 32.5 27.1 40.7

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#4

Vinyl Chloride

Concen: 92.025 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001020.D

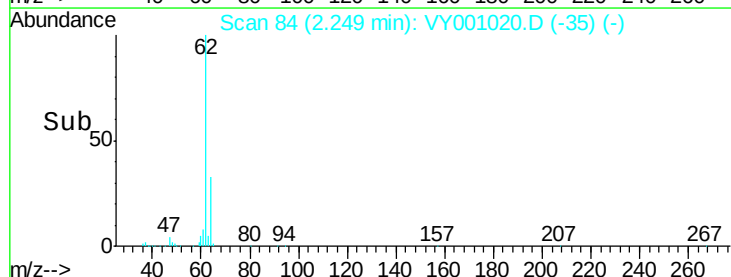
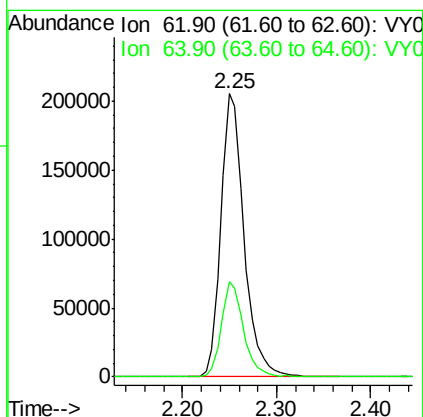
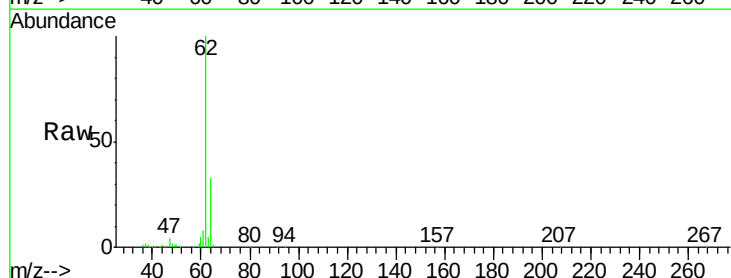
Acq: 23 Dec 2019 11:27

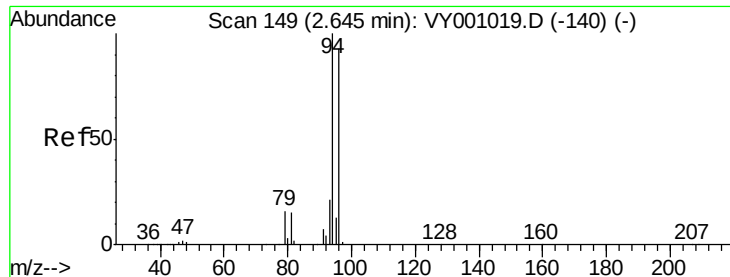
Tgt Ion: 62 Resp: 349830

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4





#5

Bromomethane

Concen: 86.872 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 210253

Ion Ratio Lower Upper

94 100

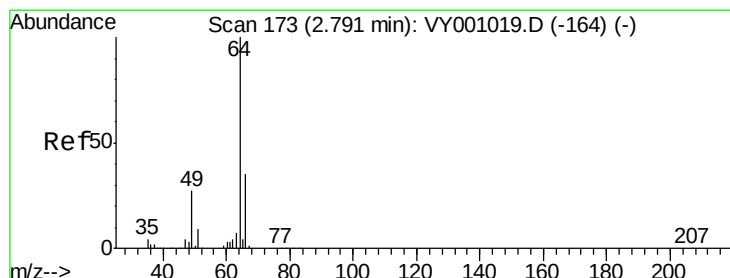
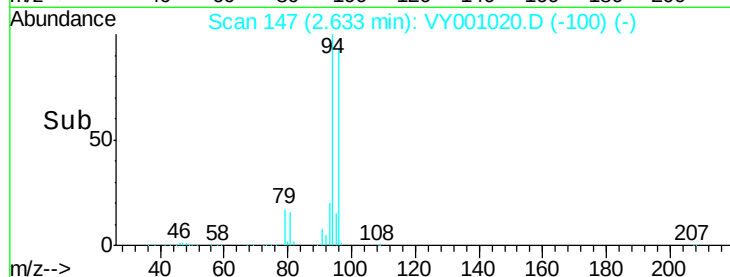
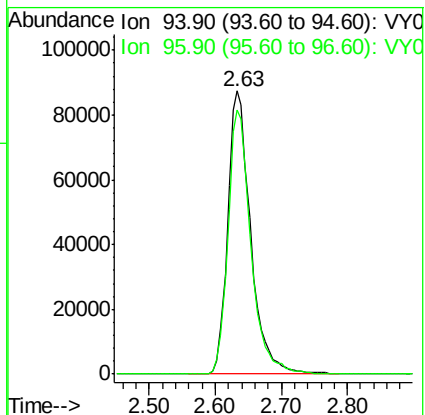
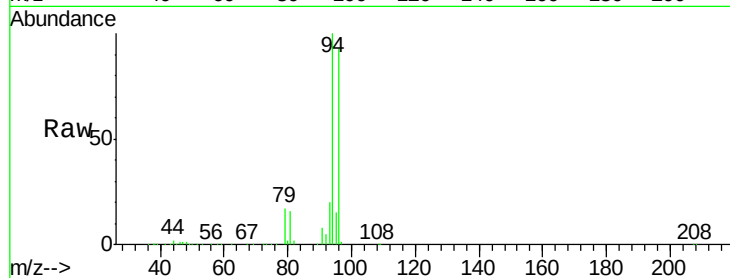
96 93.2 74.2 111.4

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#6

Chloroethane

Concen: 92.517 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001020.D

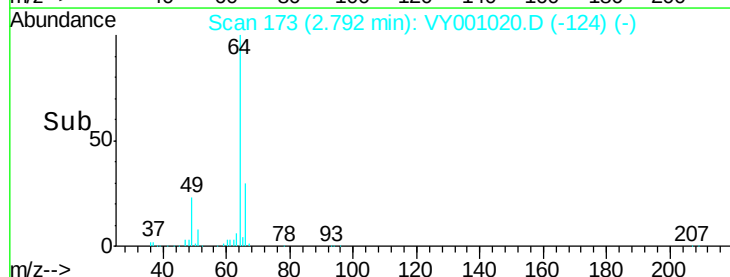
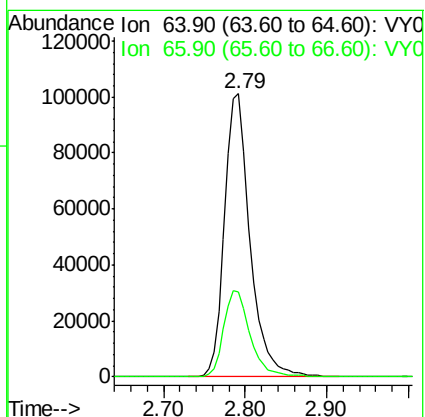
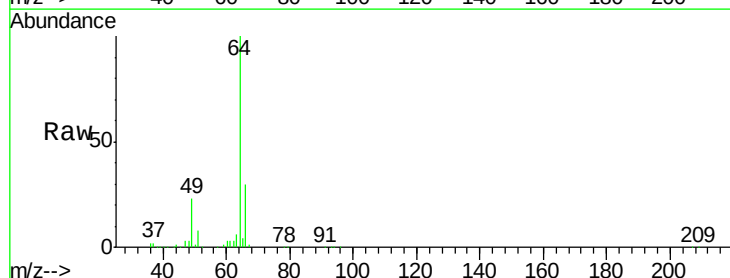
Acq: 23 Dec 2019 11:27

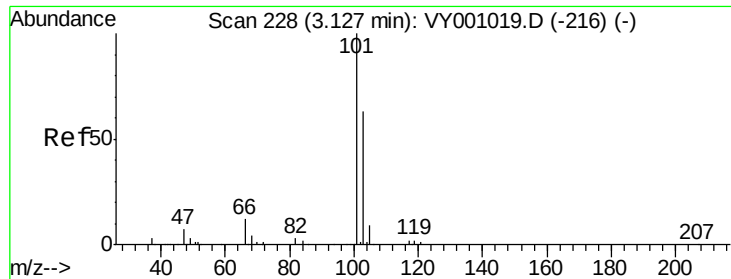
Tgt Ion: 64 Resp: 218791

Ion Ratio Lower Upper

64 100

66 29.9 27.8 41.6





#7

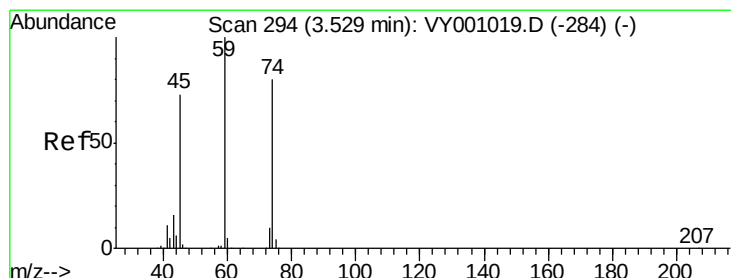
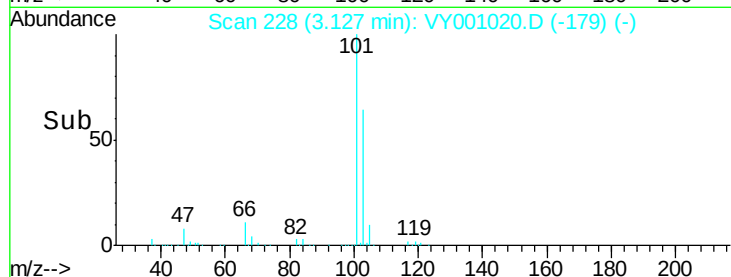
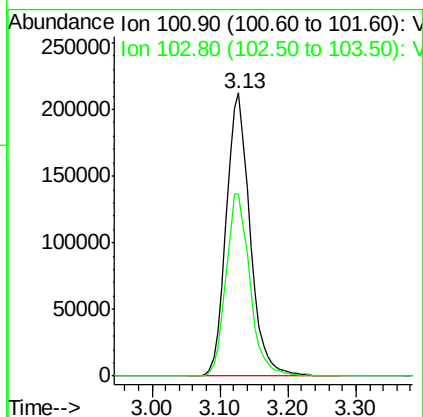
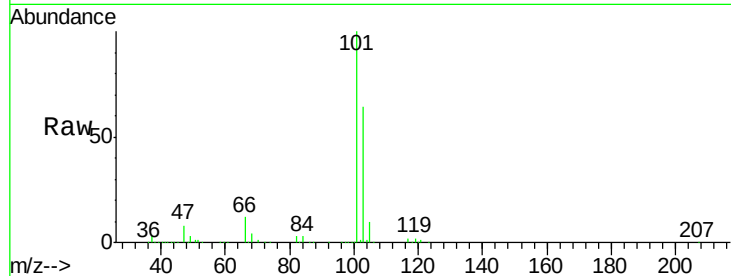
Trichlorofluoromethane
 Concen: 93.522 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
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 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	516503		
103	64.2	50.2	75.2	

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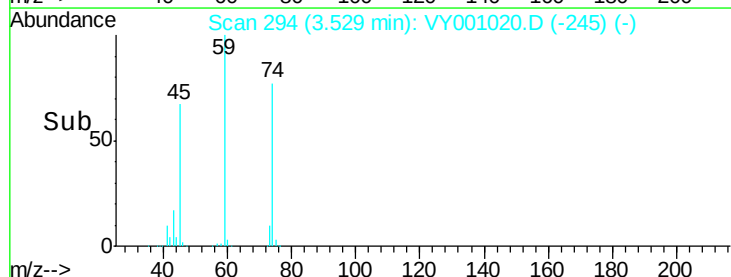
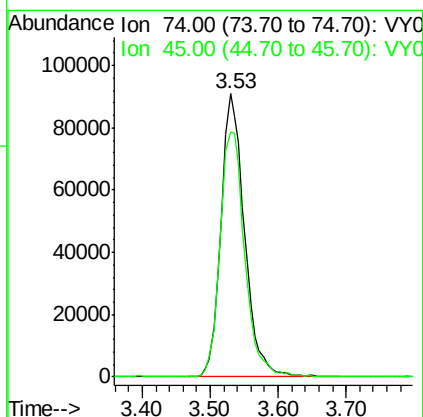
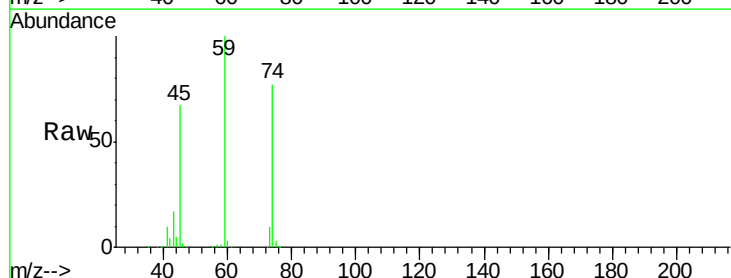
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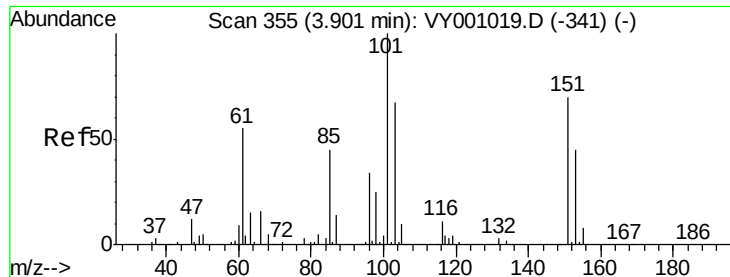


#8

Diethyl Ether
 Concen: 97.730 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	217809		
45	91.2	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.312 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

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MSVOA_Y

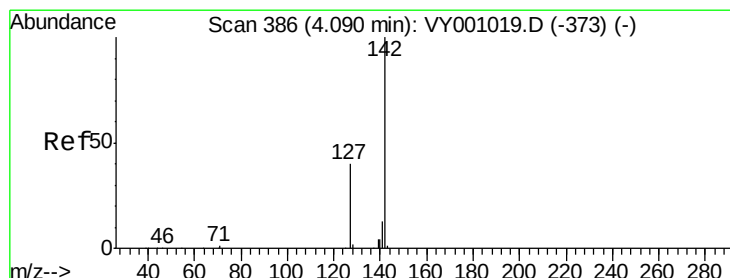
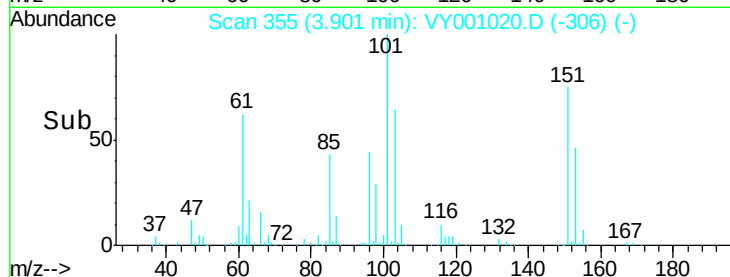
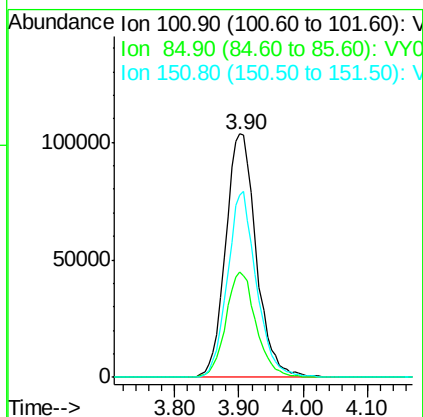
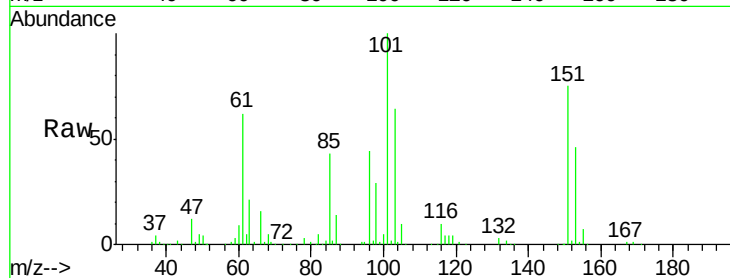
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	345204
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.2
151	72.4	57.0	85.6

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#10

Methyl Iodide

Concen: 108.619 ug/l

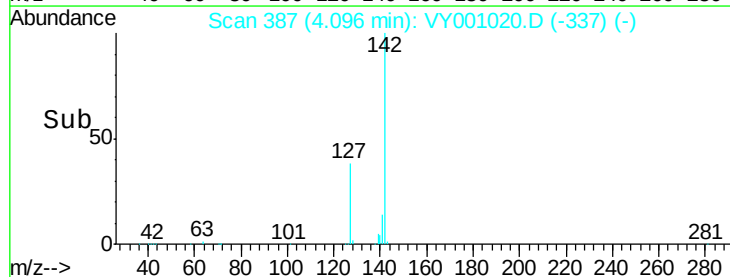
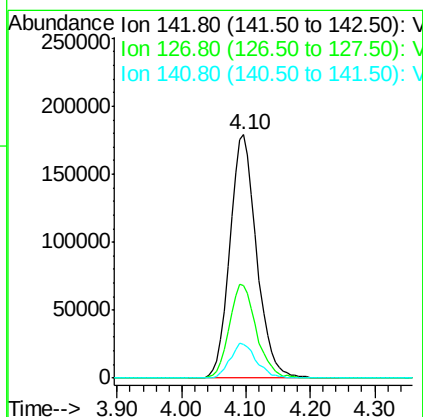
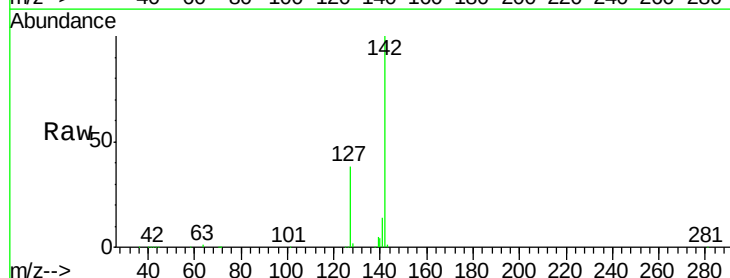
RT: 4.10 min Scan# 387

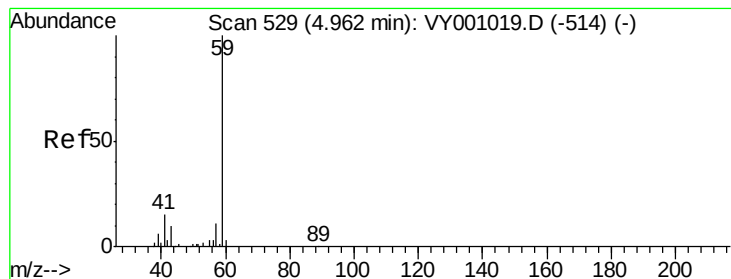
Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	142	Resp:	518823
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.2	46.8
141	14.2	11.0	16.4





#11

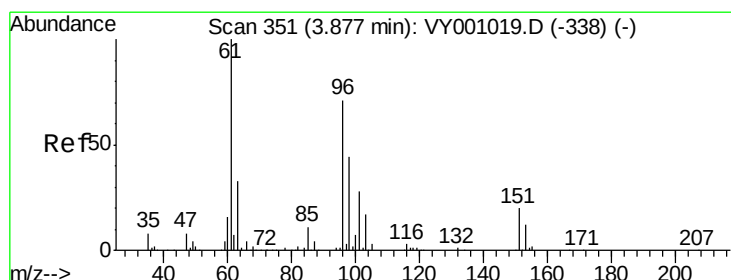
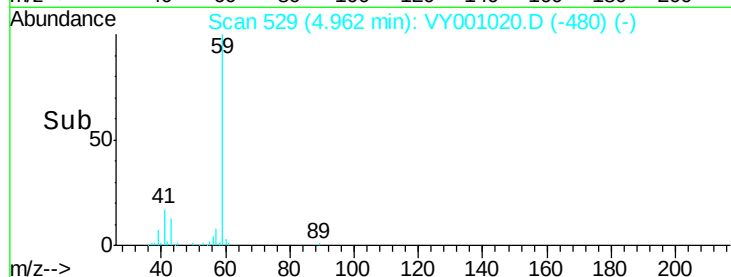
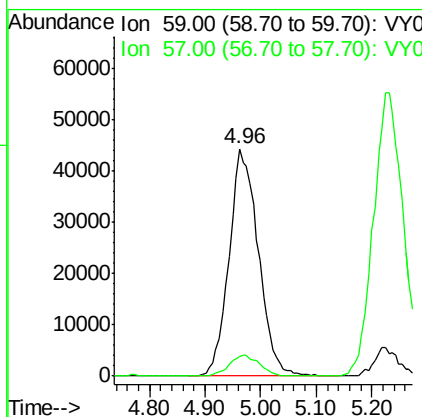
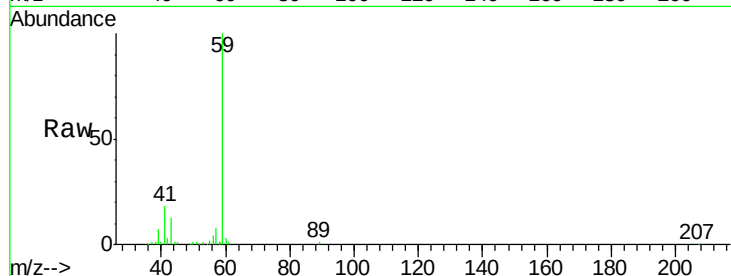
Tert butyl alcohol
Concen: 451.112 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	161713
Ion Ratio	100	Lower	Upper
57	9.5	7.8	11.6

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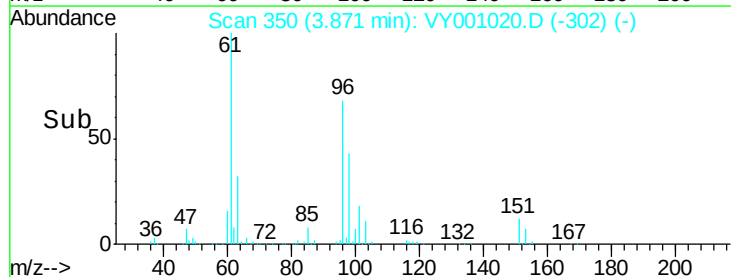
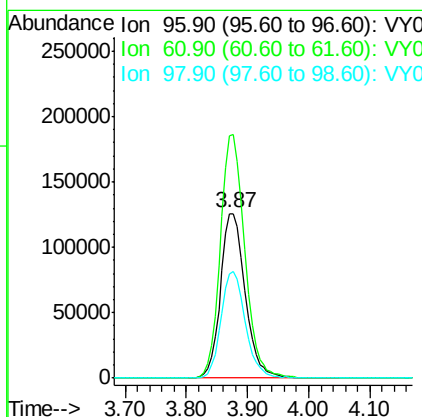
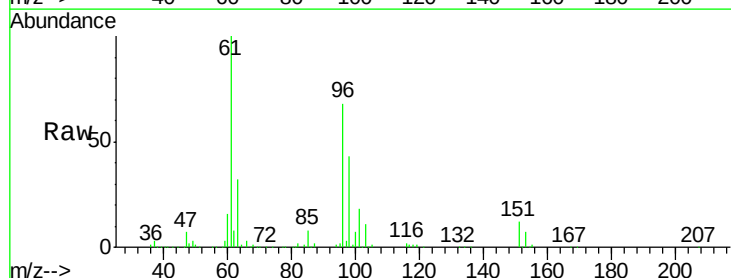
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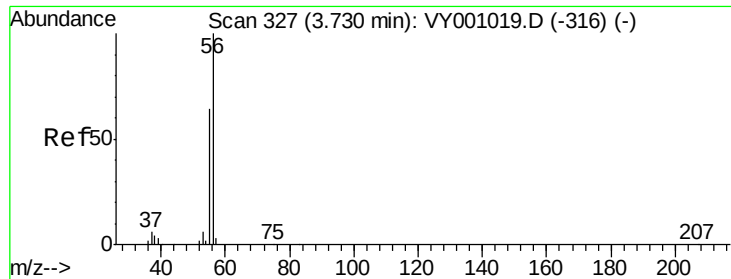


#12

1,1-Dichloroethene
Concen: 97.118 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	96	Resp	353102
Ion Ratio	100	Lower	Upper
61	147.6	113.0	169.4
98	63.1	49.8	74.8





#13

Acrolein

Concen: 535.321 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 227085

Ion Ratio Lower Upper

56 100

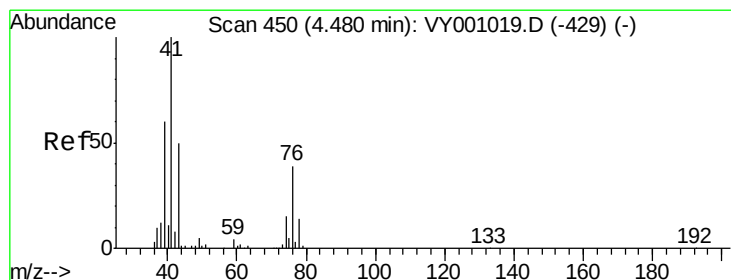
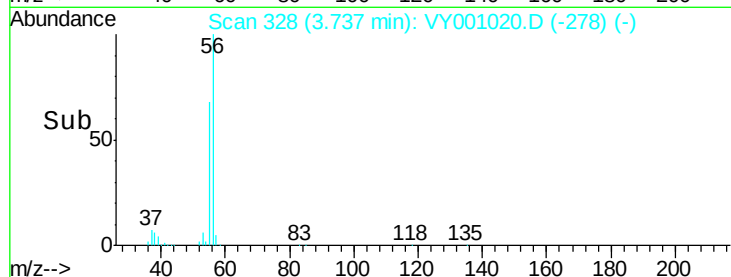
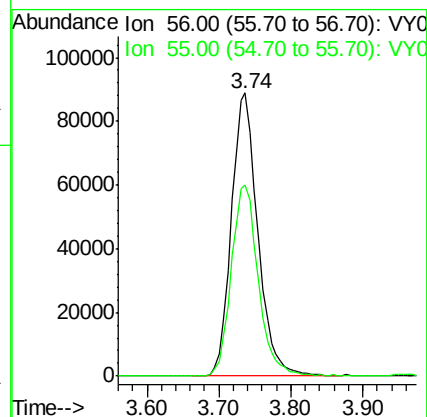
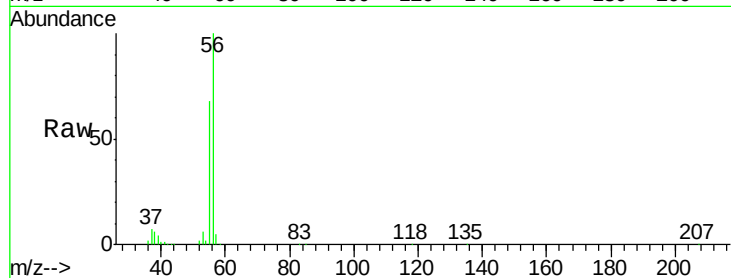
55 69.0 55.6 83.4

Manual Integrations

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#14

Allyl chloride

Concen: 95.447 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

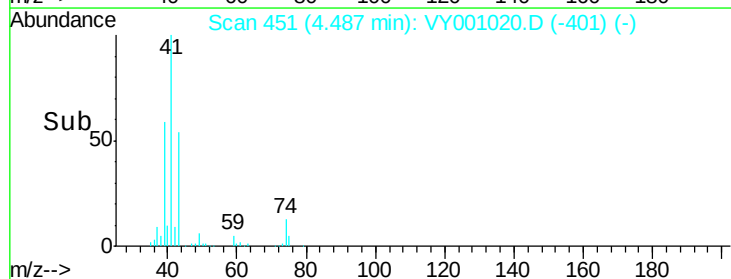
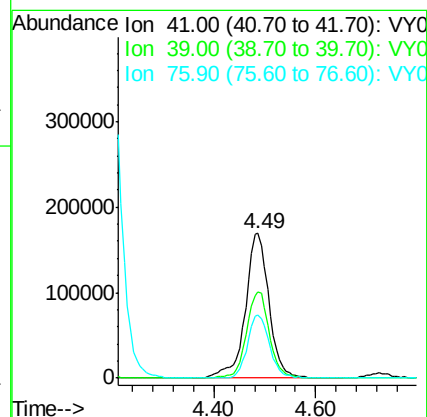
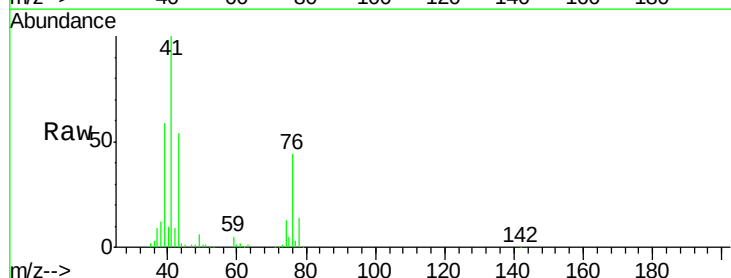
Tgt Ion: 41 Resp: 543679

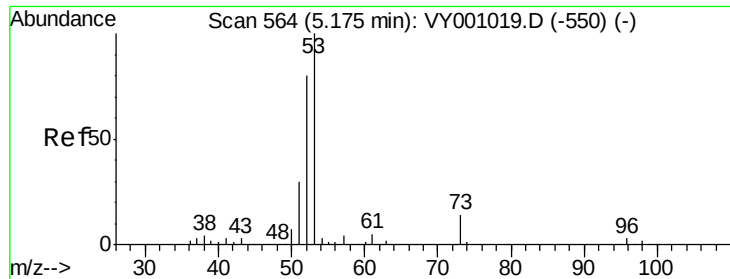
Ion Ratio Lower Upper

41 100

39 58.1 46.0 69.0

76 40.6 32.6 48.8





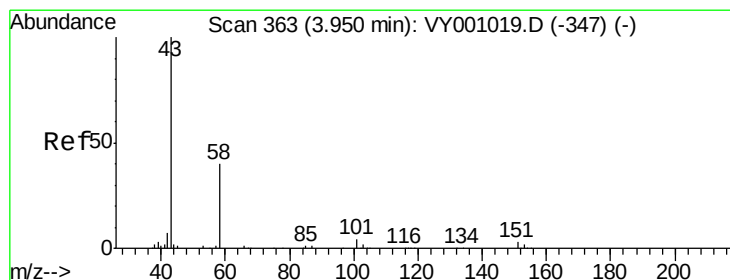
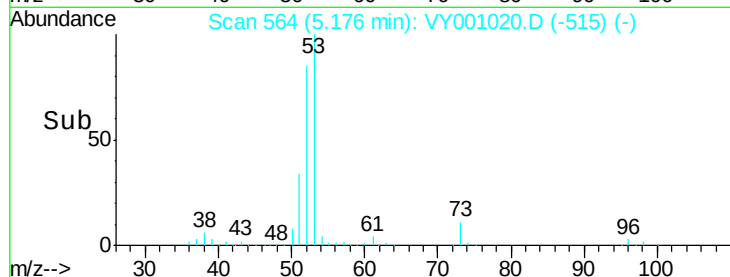
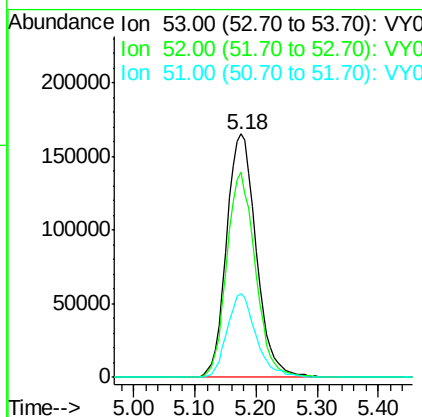
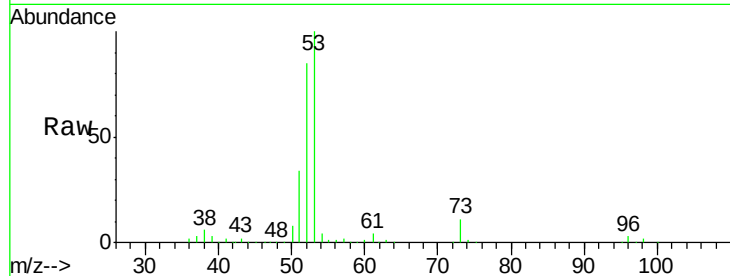
#15
 Acrylonitrile
 Concen: 497.086 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.2	63.6	95.4
51	33.5	26.7	40.1

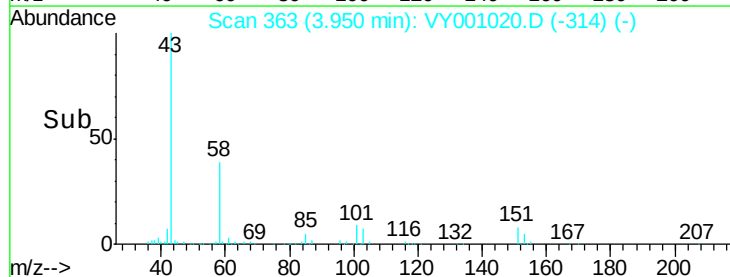
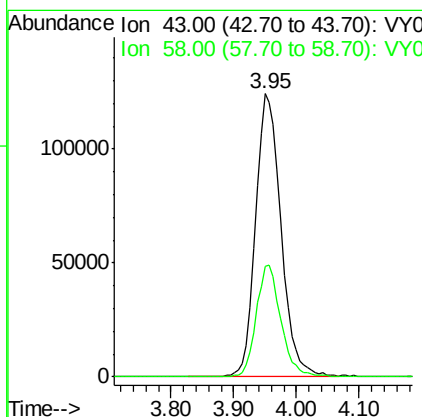
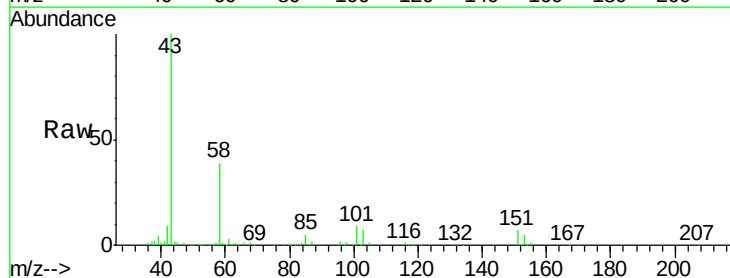
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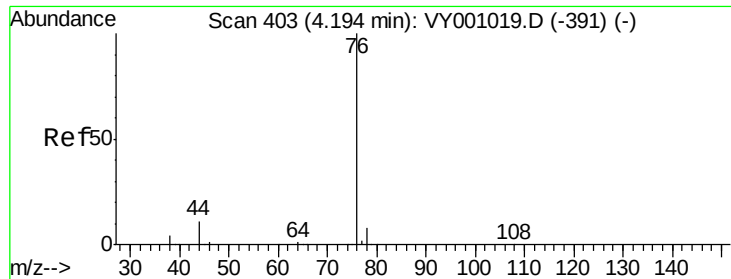
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#16
 Acetone
 Concen: 467.033 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.1	48.1





#17

Carbon Disulfide

Concen: 100.041 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1177686

Ion Ratio Lower Upper

76 100

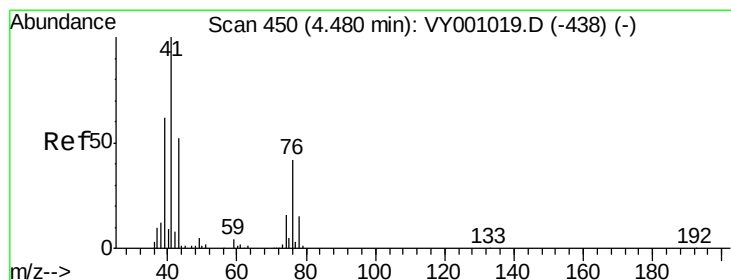
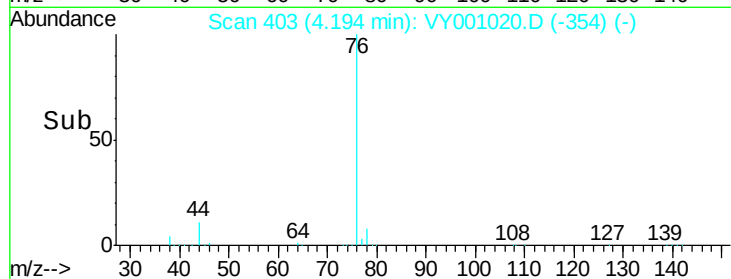
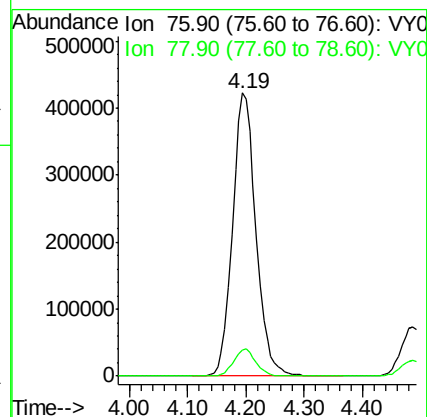
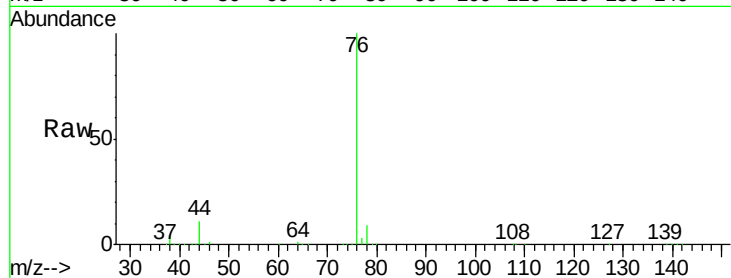
78 9.1 6.7 10.1

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#18

Methyl Acetate

Concen: 98.210 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001020.D

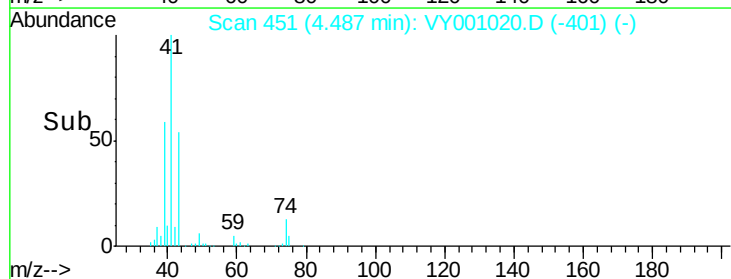
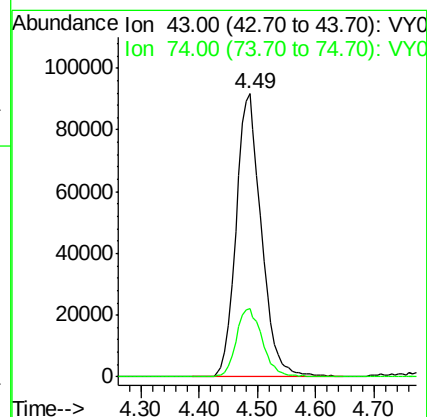
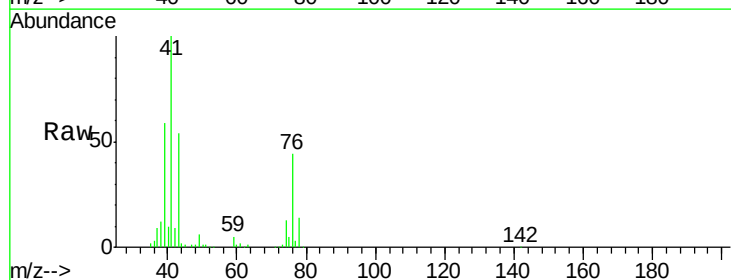
Acq: 23 Dec 2019 11:27

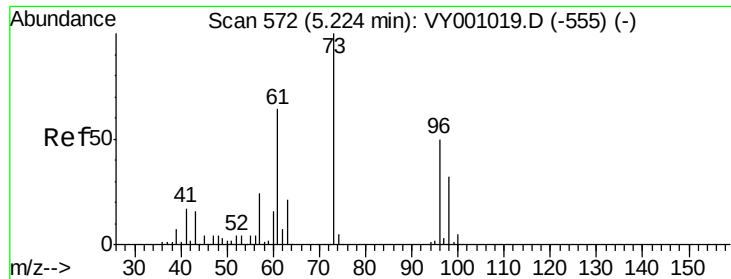
Tgt Ion: 43 Resp: 276071

Ion Ratio Lower Upper

43 100

74 25.0 20.7 31.1





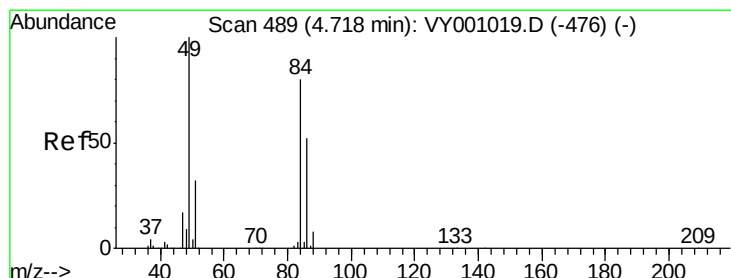
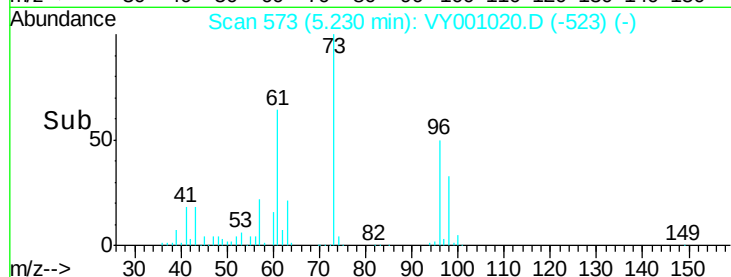
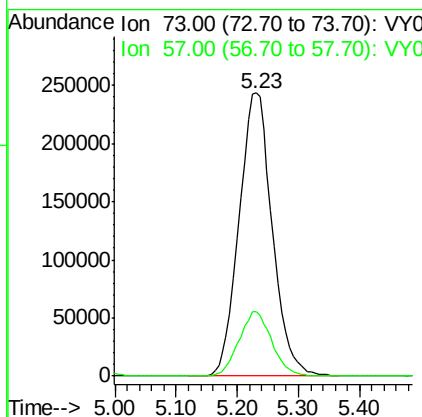
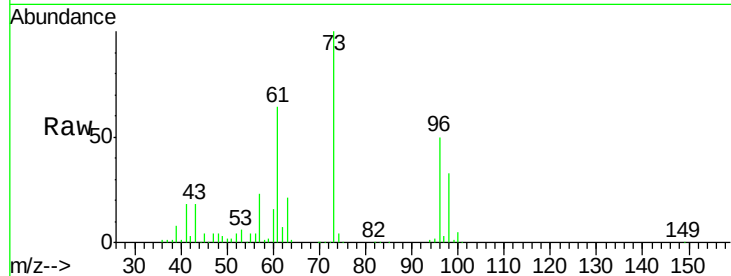
#19
Methyl tert-butyl Ether
Concen: 97.805 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	73	Resp	916672
Ion Ratio	Lower	Upper	
73	100		
57	22.7	19.0	28.6

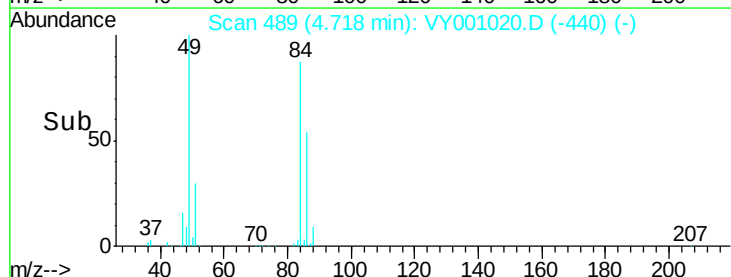
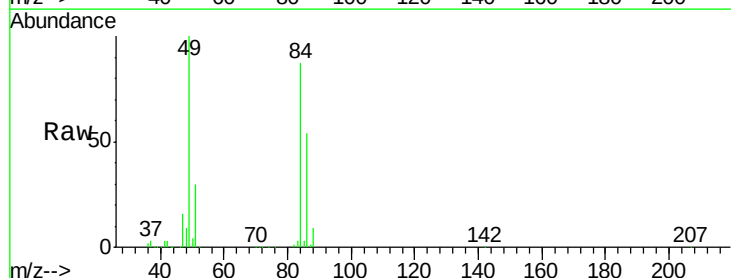
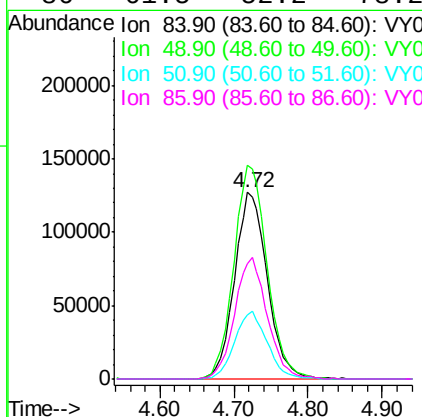
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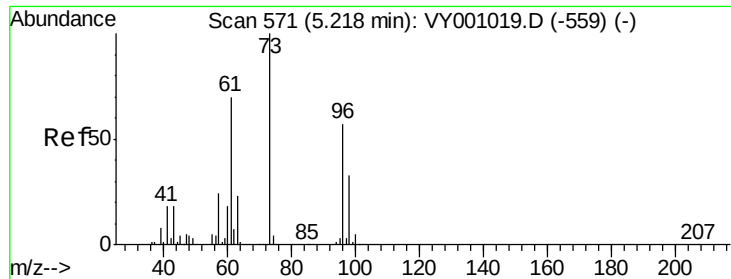
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#20
Methylene Chloride
Concen: 87.788 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	84	Resp	392188
Ion Ratio	Lower	Upper	
84	100		
49	114.3	99.8	149.6
51	34.0	31.4	47.2
86	61.5	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 97.474 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

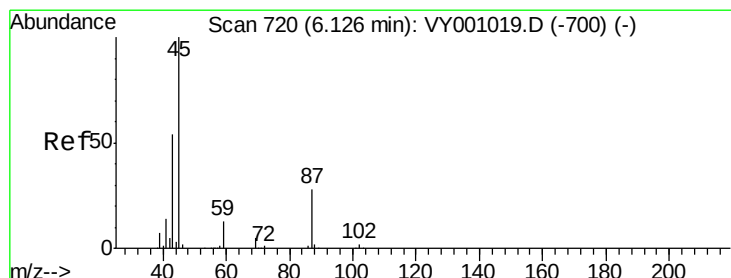
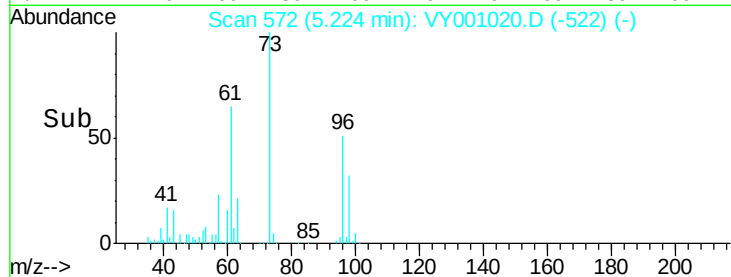
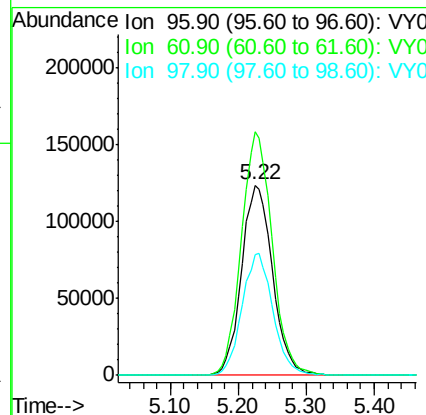
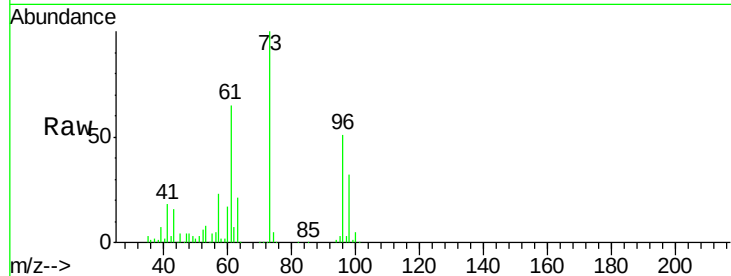
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	392648
Ion	Ratio	Lower	Upper
96	100		
61	128.2	98.1	147.1
98	63.5	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 90.734 ug/l

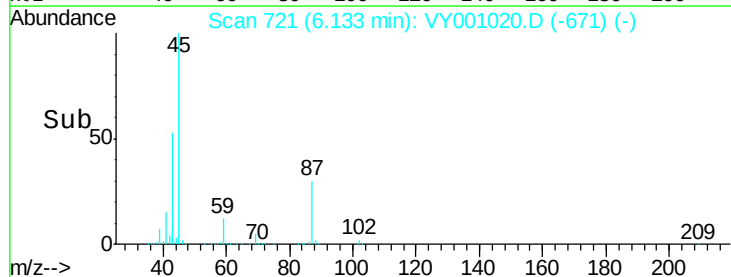
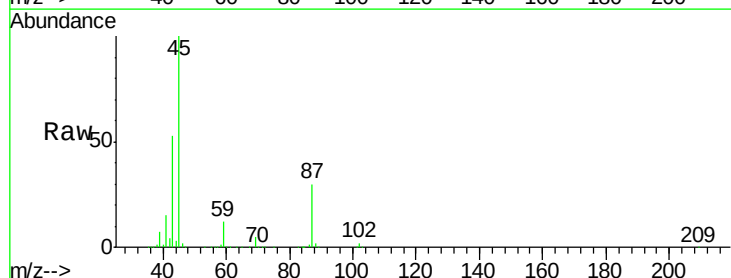
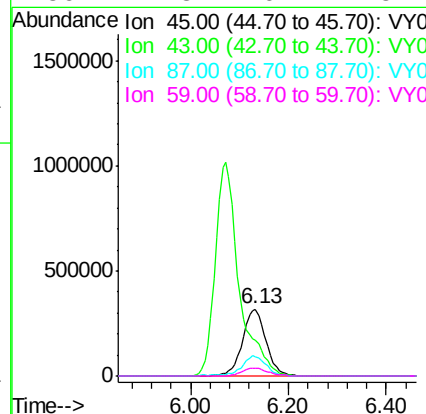
RT: 6.13 min Scan# 721

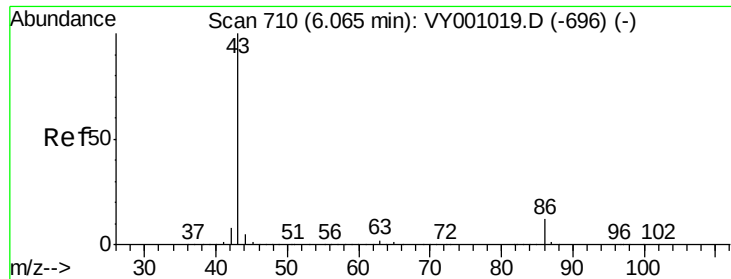
Delta R.T. 0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	45	Resp:	1062516
Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.6	65.4
87	29.6	23.1	34.7
59	12.3	10.2	15.4





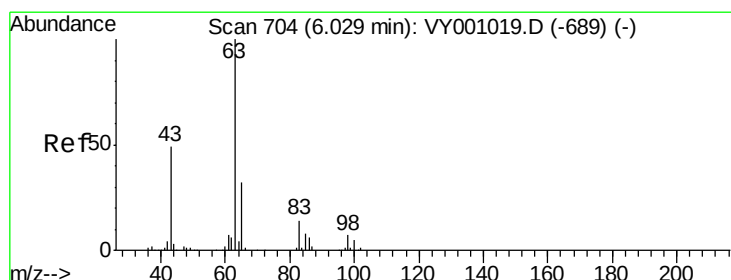
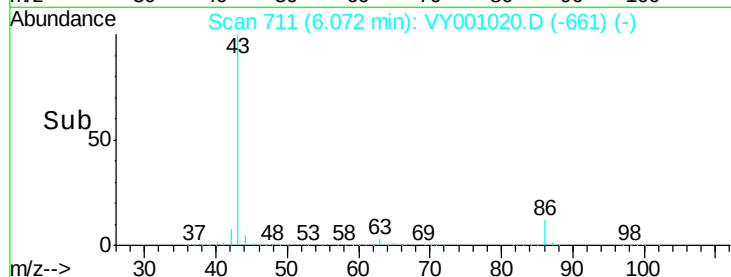
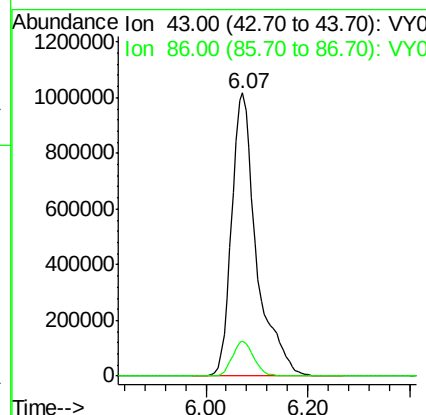
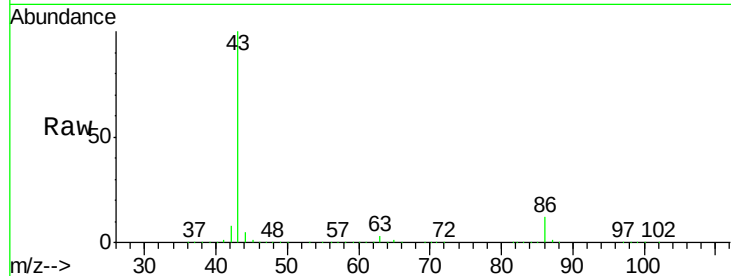
#23
 Vinyl Acetate
 Concen: 467.755 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 3435280
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.5 14.3

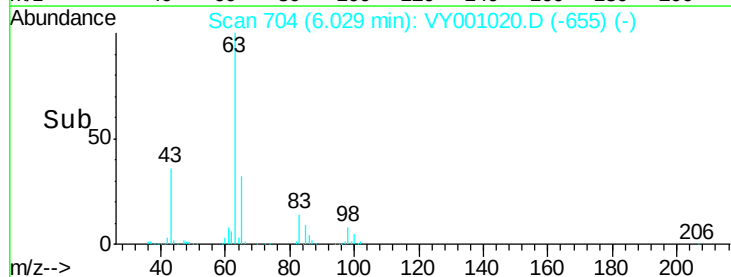
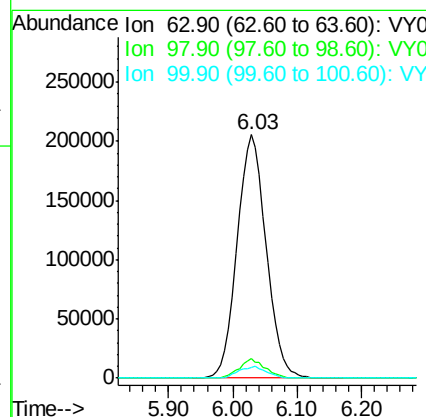
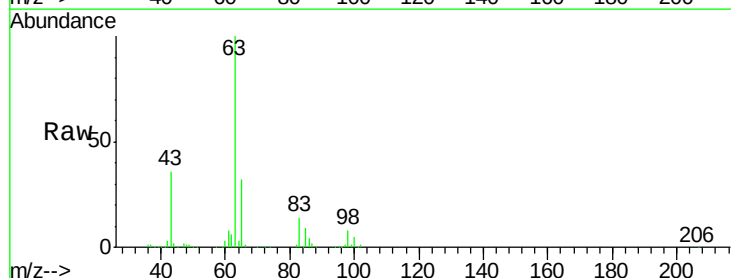
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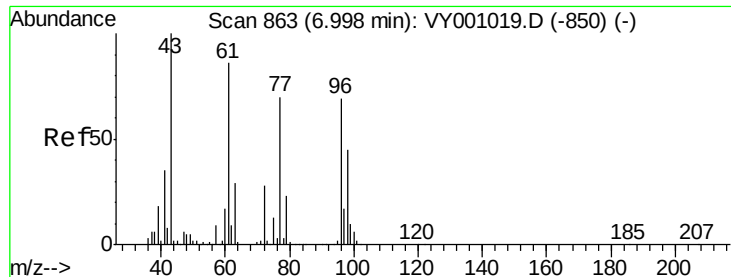
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#24
 1,1-Dichloroethane
 Concen: 94.280 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion: 63 Resp: 642740
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 479.000 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 623610

Ion Ratio Lower Upper

43 100

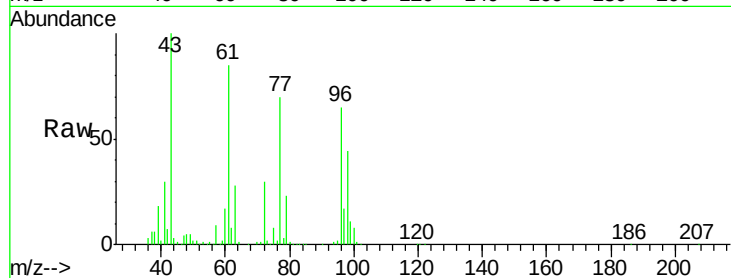
72 30.3 22.4 33.6

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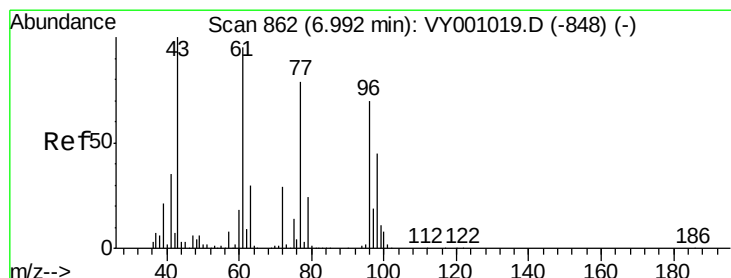
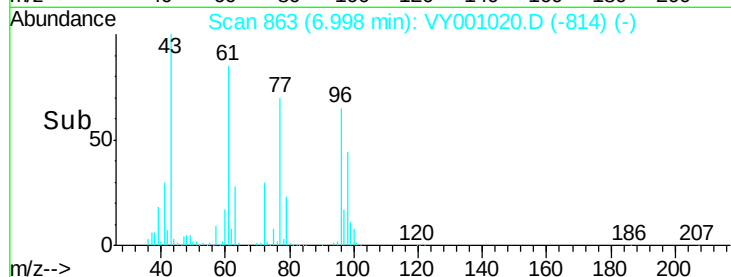
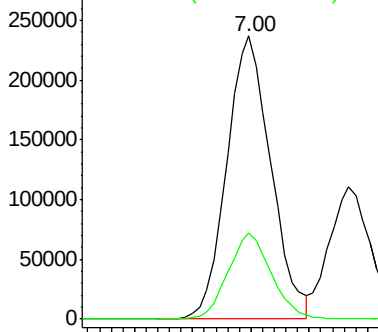
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 91.818 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001020.D

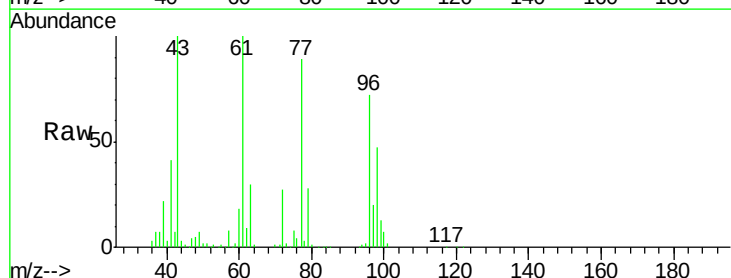
Acq: 23 Dec 2019 11:27

Tgt Ion: 77 Resp: 519159

Ion Ratio Lower Upper

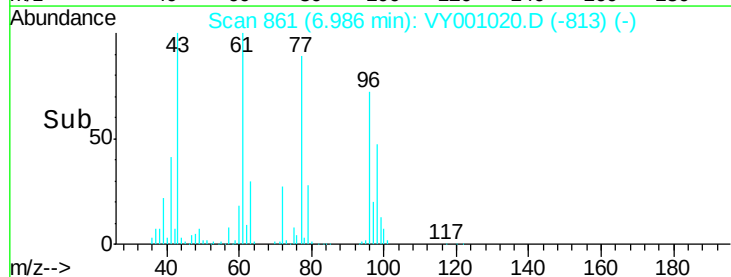
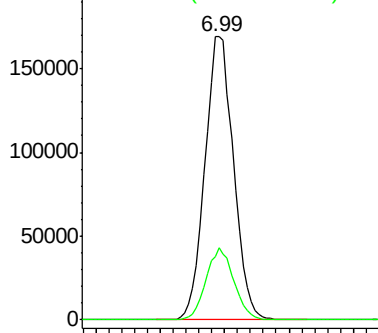
77 100

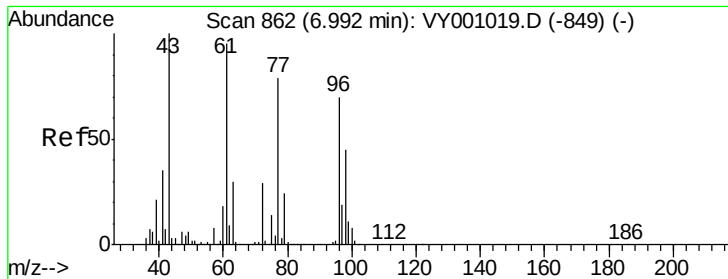
97 24.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

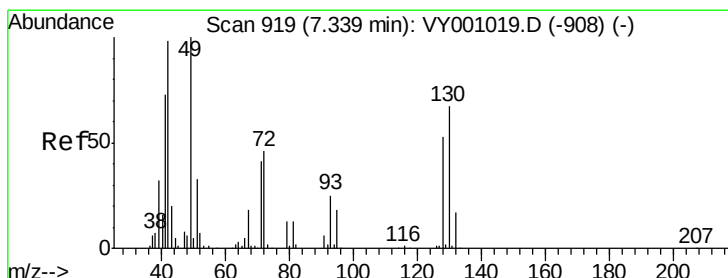
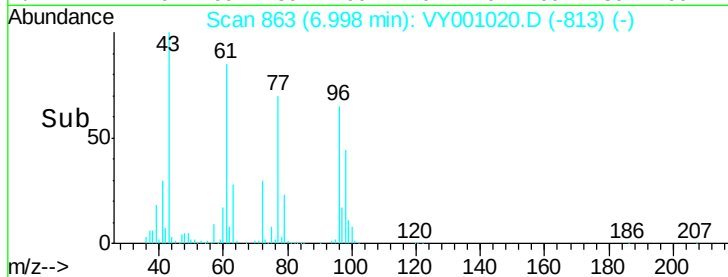
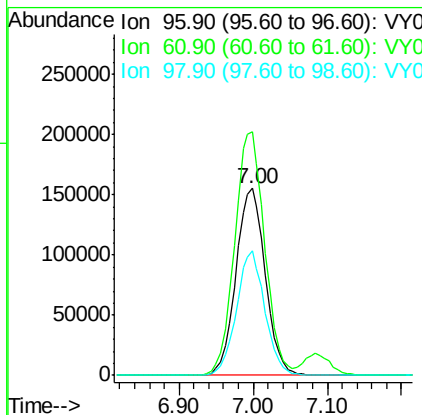
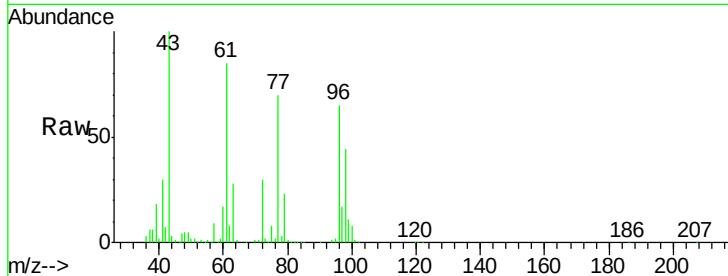
cis-1,2-Dichloroethene
 Concen: 96.600 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	428780		
61	133.0	0.0	268.2	
98	64.2	0.0	129.2	

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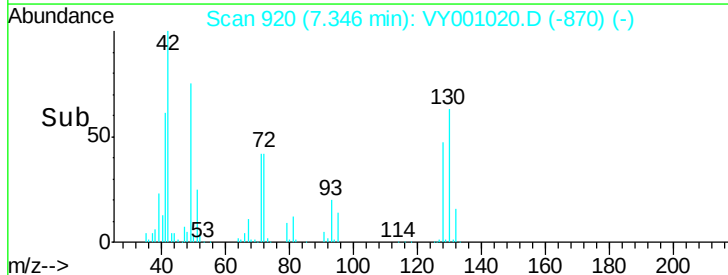
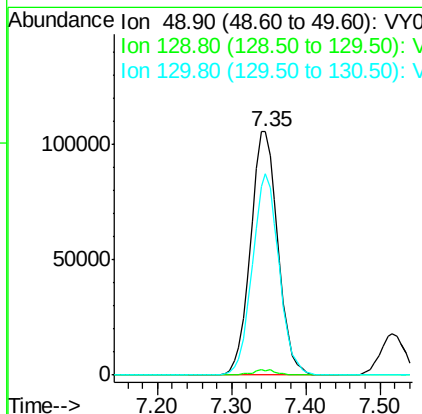
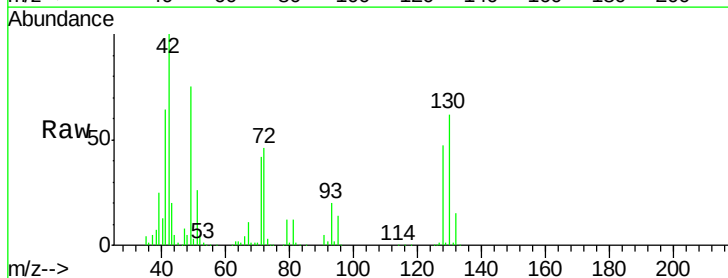
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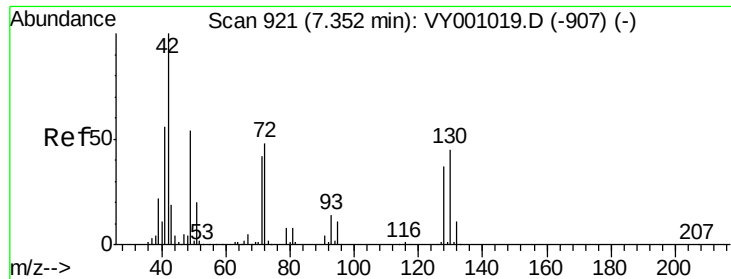


#28

Bromochloromethane
 Concen: 104.716 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	271455		
129	2.0	0.0	3.8	
130	80.5	60.4	90.6	





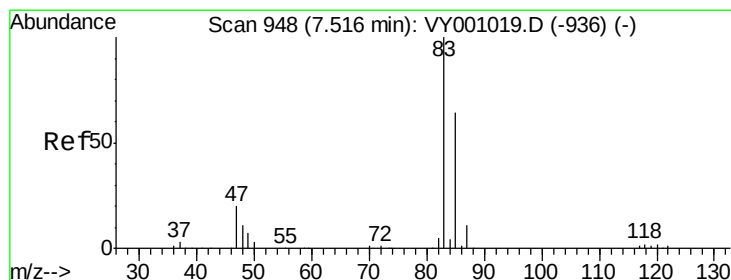
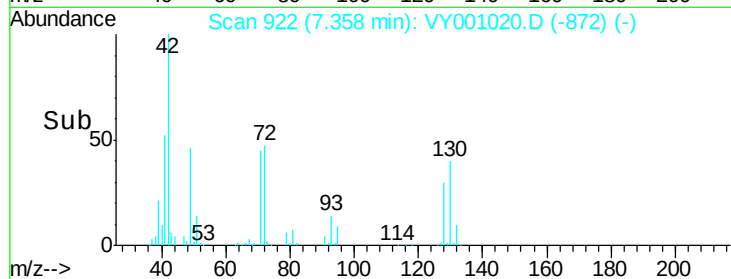
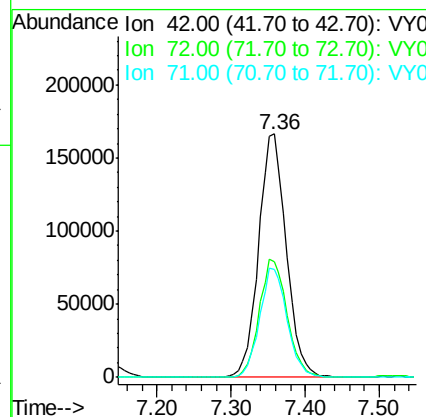
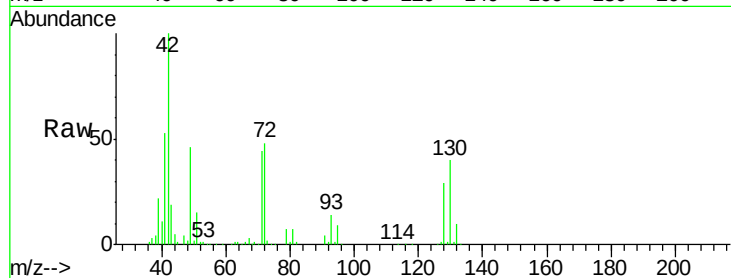
#29
Tetrahydrofuran
Concen: 461.648 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.7	56.5
71	44.6	34.6	51.8

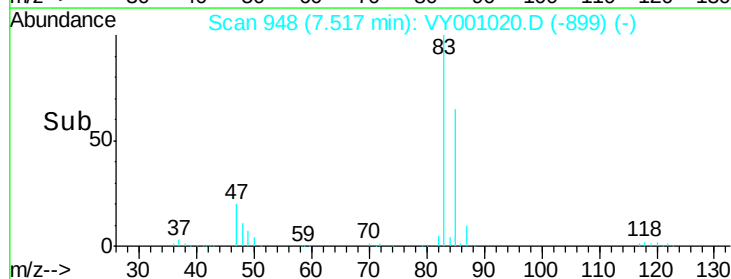
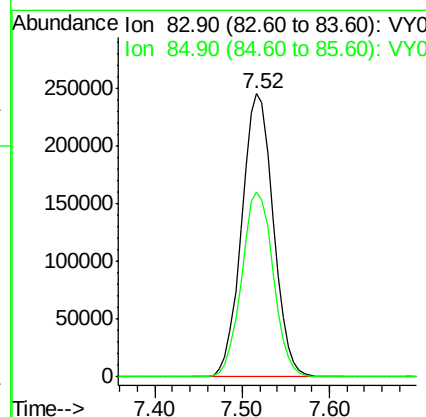
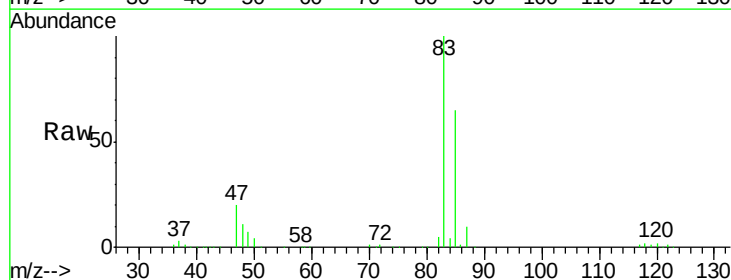
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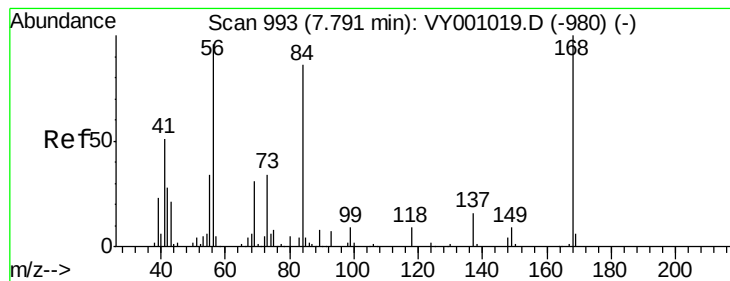
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#30
Chloroform
Concen: 95.958 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4





#31

Cyclohexane

Concen: 85.882 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 633693

Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

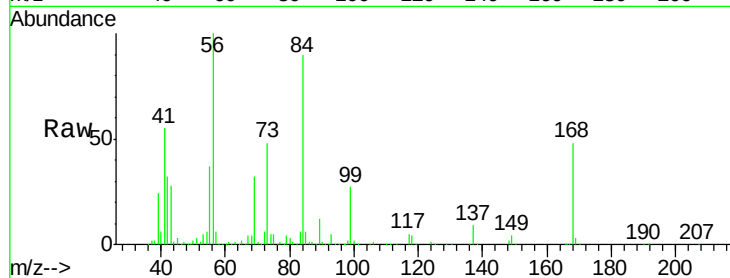
84 88.6 71.8 107.8

Manual Integrations

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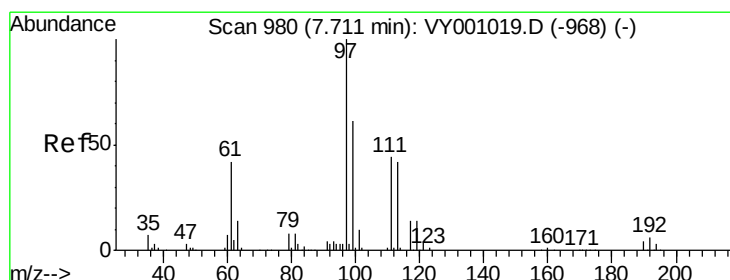
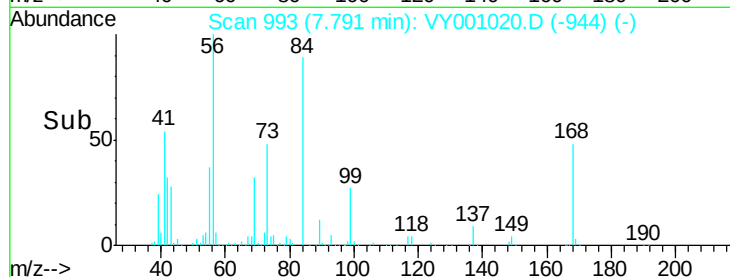
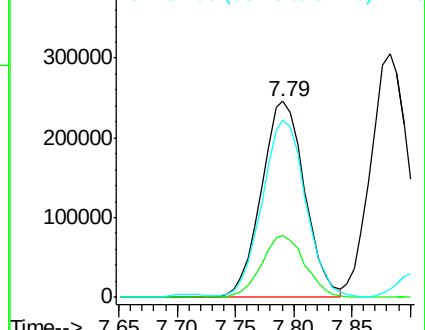


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 96.715 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

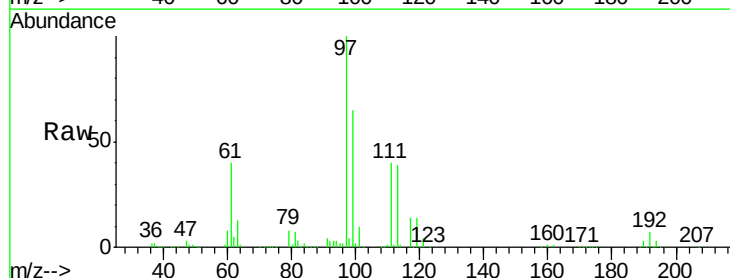
Tgt Ion: 97 Resp: 525993

Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

61 41.4 33.0 49.6

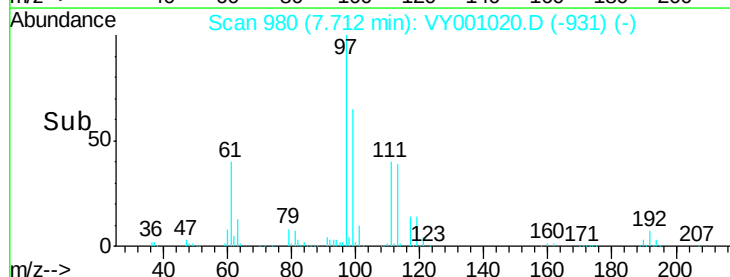
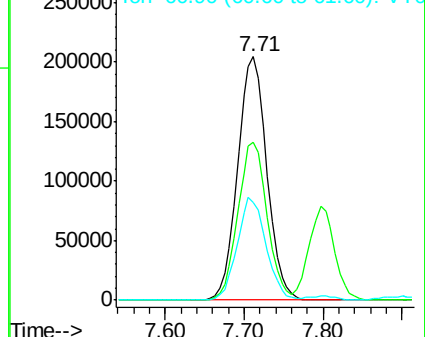


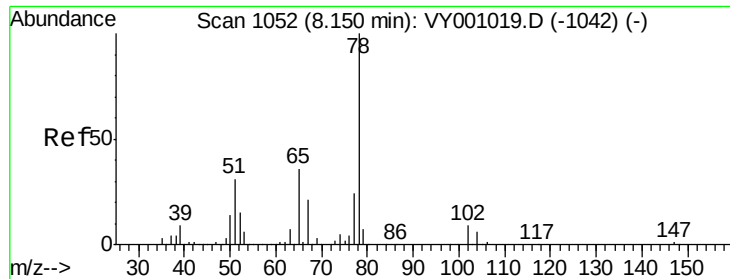
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





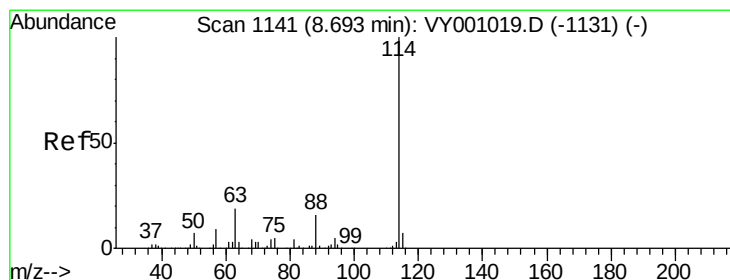
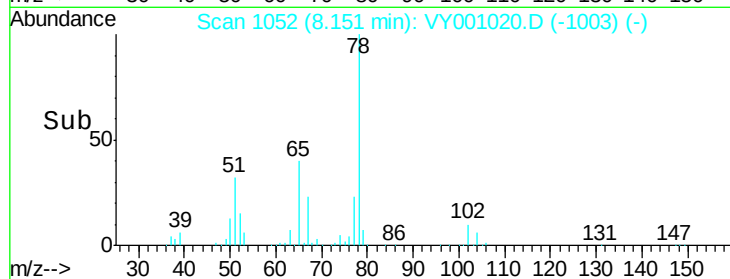
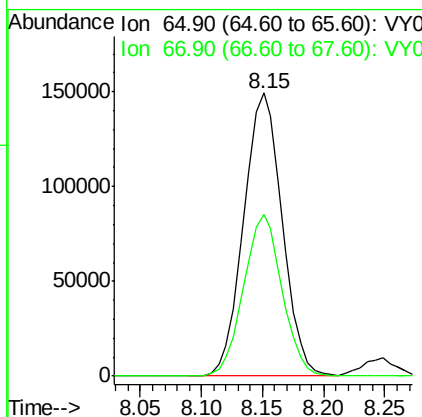
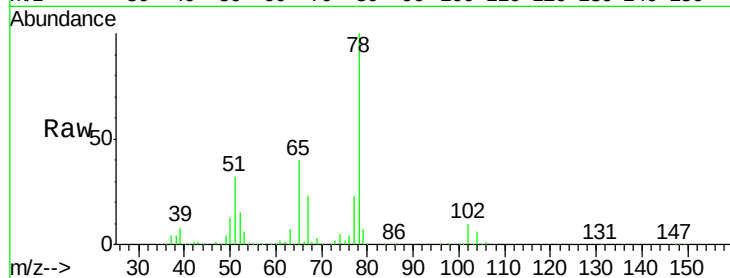
#33
 1,2-Dichloroethane-d4
 Concen: 104.525 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.7	0.0	112.8	

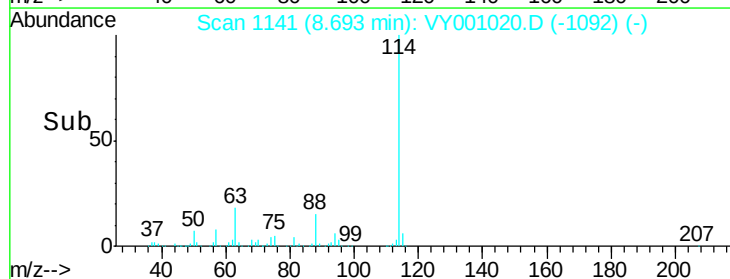
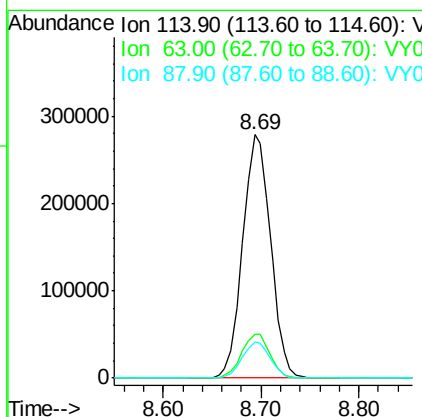
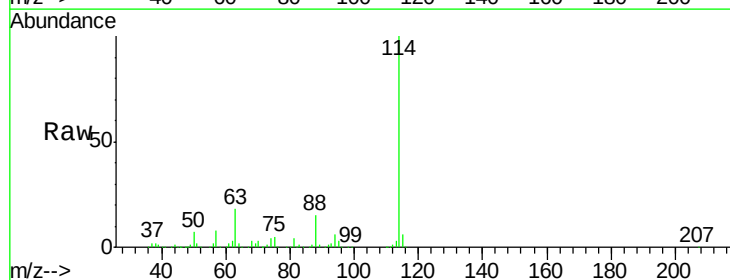
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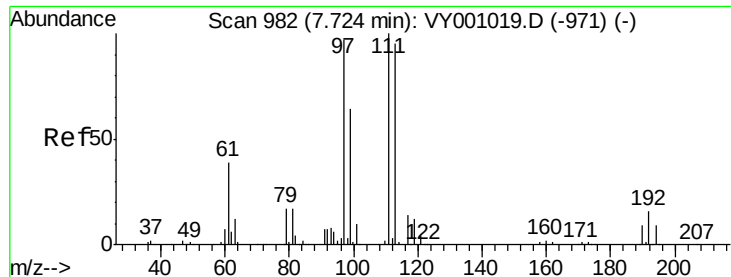
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	37.0	
88	14.8	0.0	32.0	





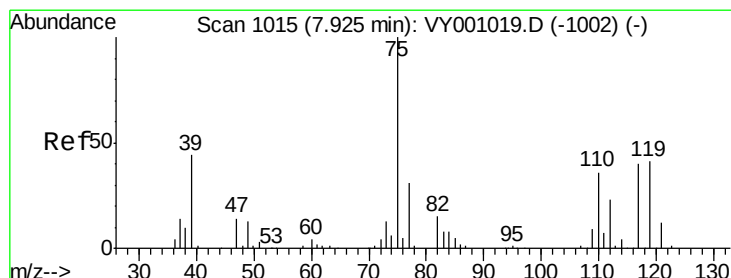
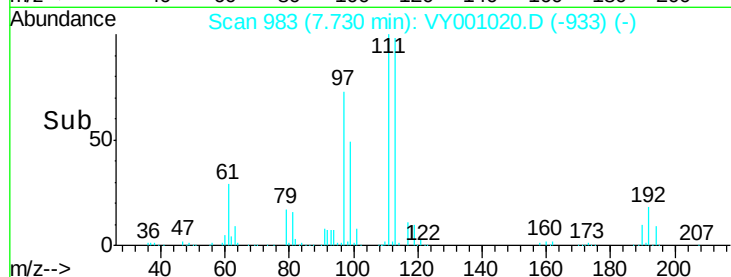
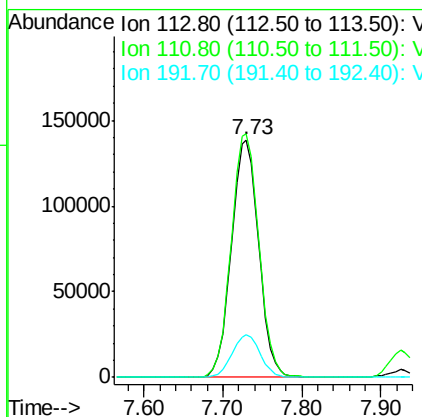
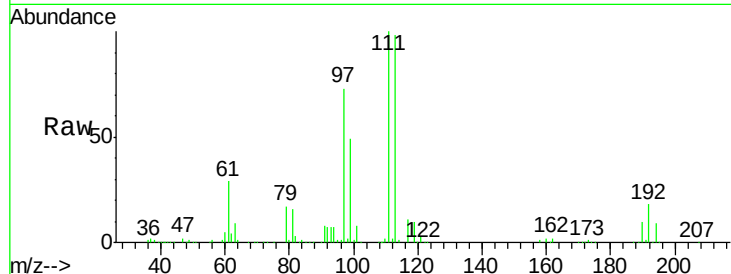
#35
 Dibromofluoromethane
 Concen: 100.675 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	333151		
111	103.8	83.0	124.4	
192	18.5	14.6	21.8	

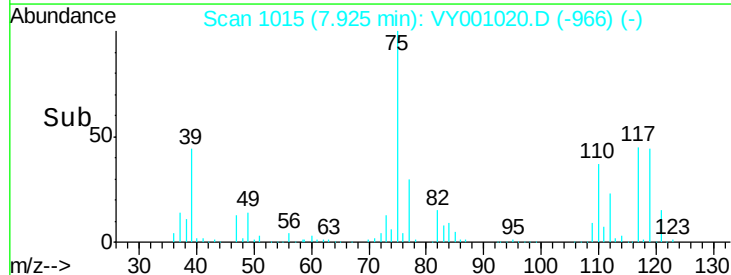
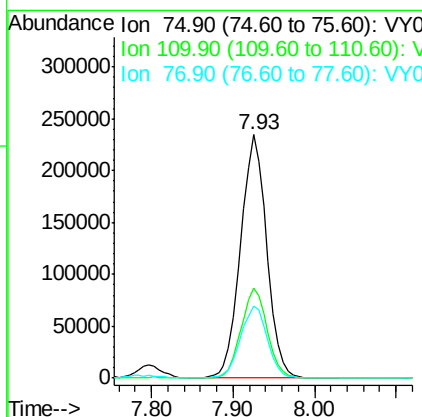
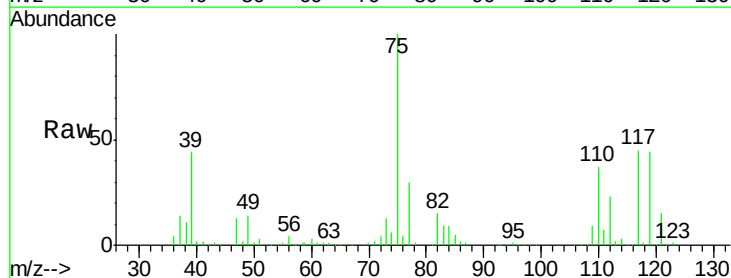
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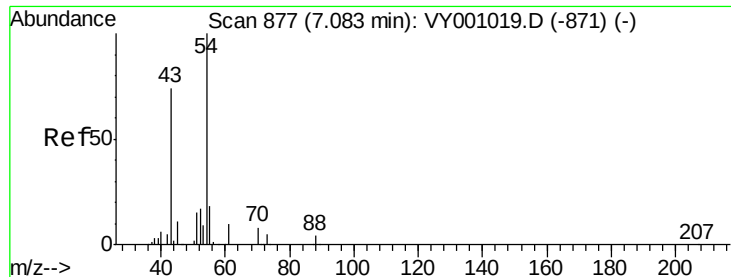
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#36
 1,1-Dichloropropene
 Concen: 95.907 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	521493		
110	36.8	18.1	54.4	
77	30.7	24.6	37.0	





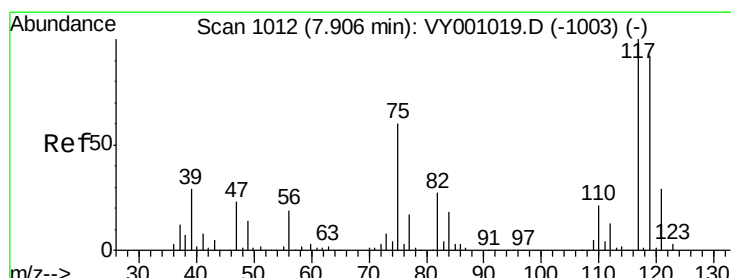
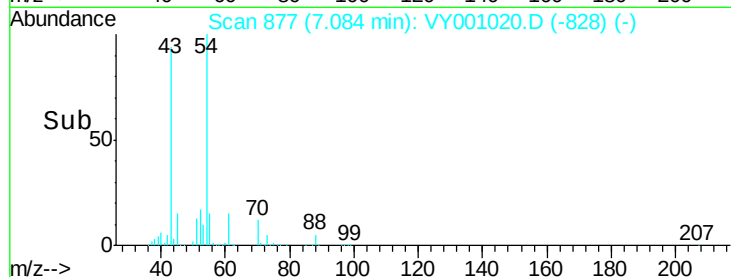
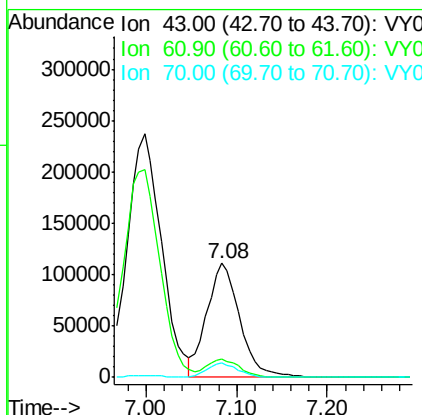
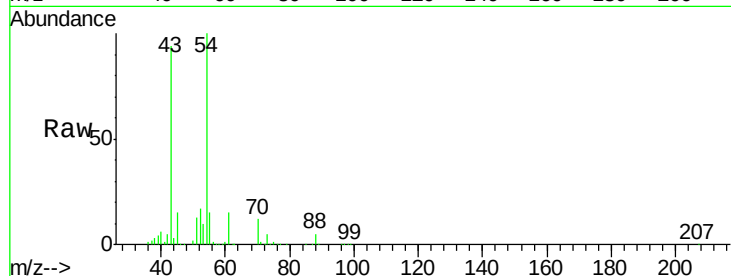
#37
Ethyl Acetate
Concen: 92.830 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.5	18.7
70	12.2	9.0	13.4

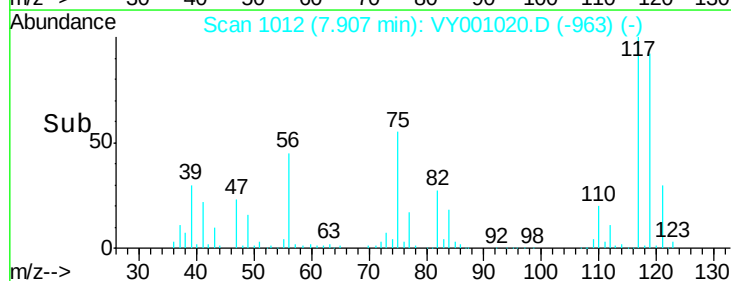
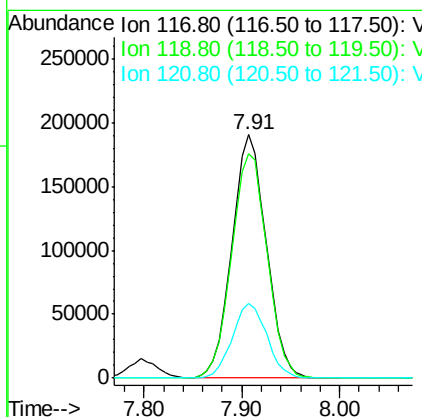
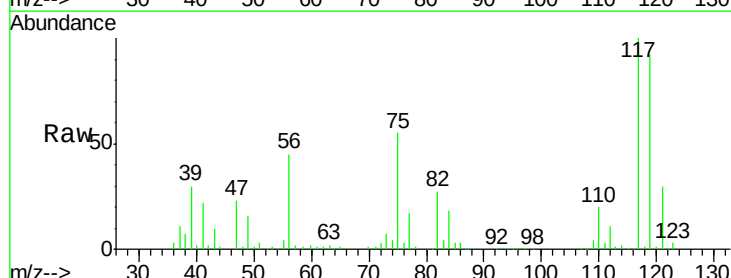
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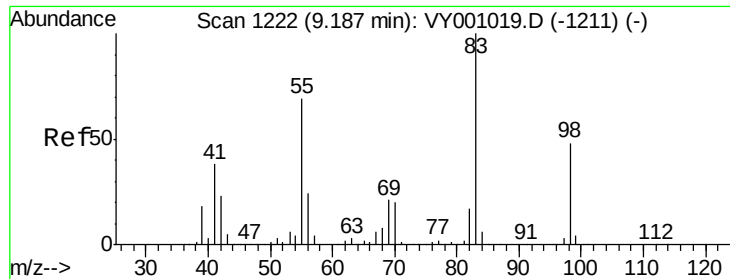
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#38
Carbon Tetrachloride
Concen: 98.652 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	74.2	111.2
121	30.5	22.9	34.3





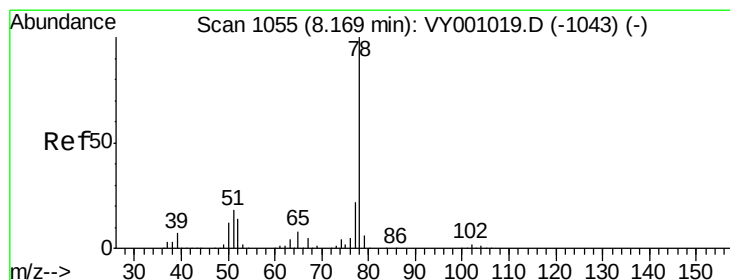
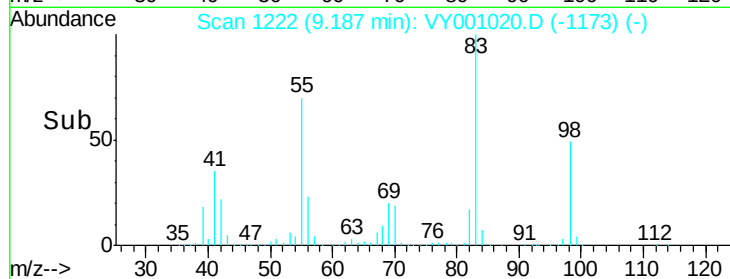
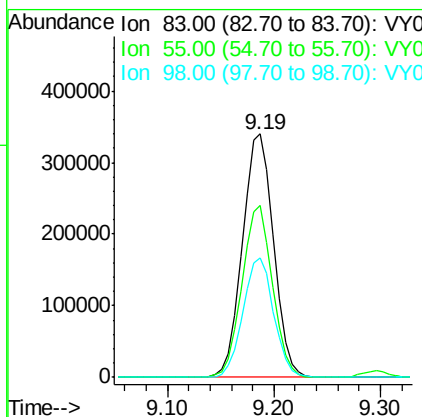
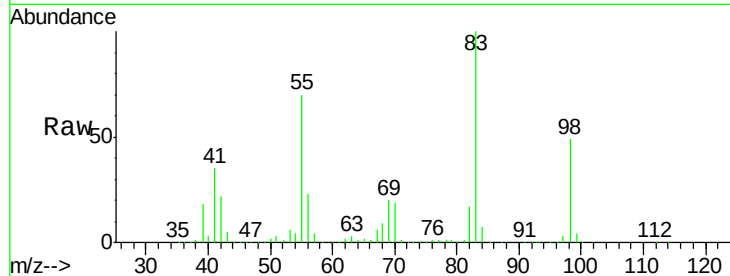
#39
Methylvlcyclohexane
Concen: 97.631 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	83	Resp	699147
Ion Ratio	100	Lower	Upper
83	100		
55	70.5	55.1	82.7
98	49.2	38.3	57.5

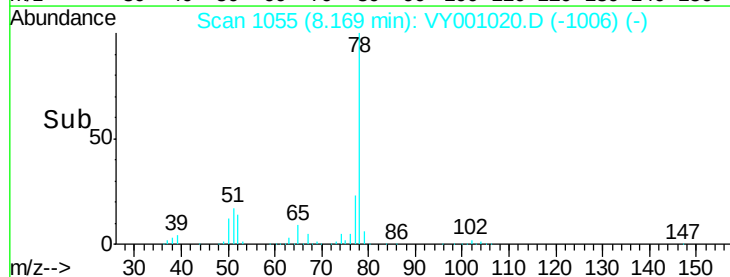
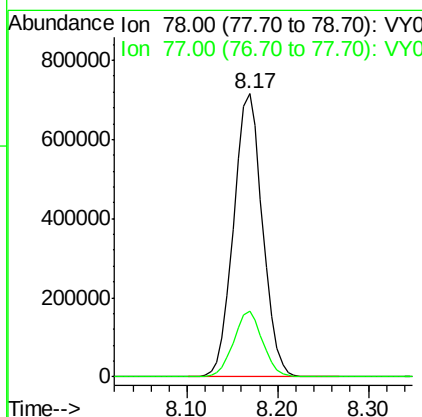
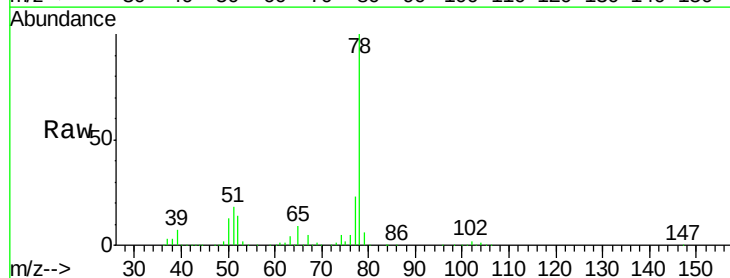
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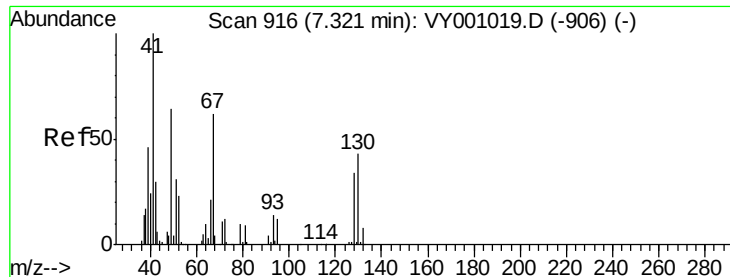
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#40
Benzene
Concen: 96.646 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	78	Resp	1579675
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	17.7	26.5





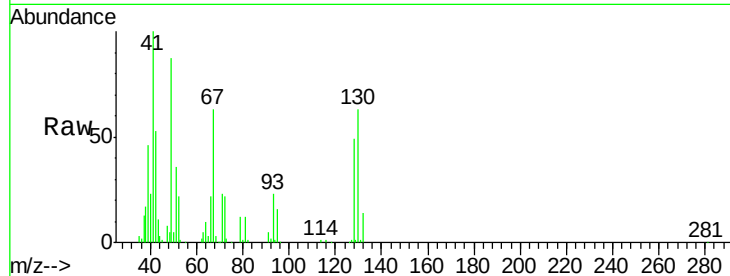
#41
Methacrylonitrile
Concen: 106.122 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

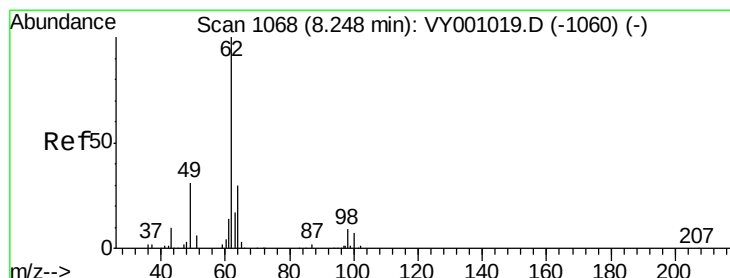
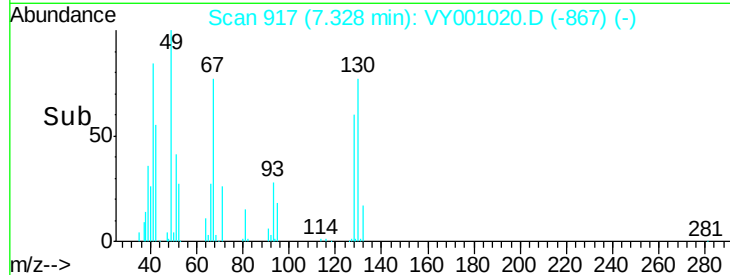
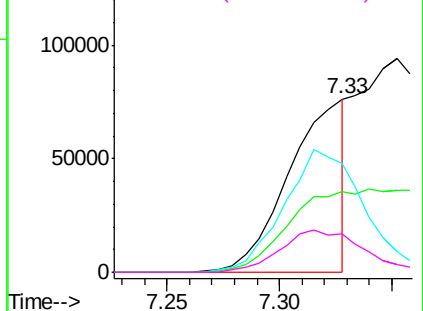
Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	122.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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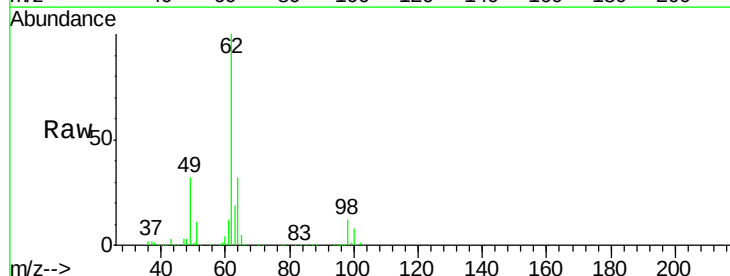


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

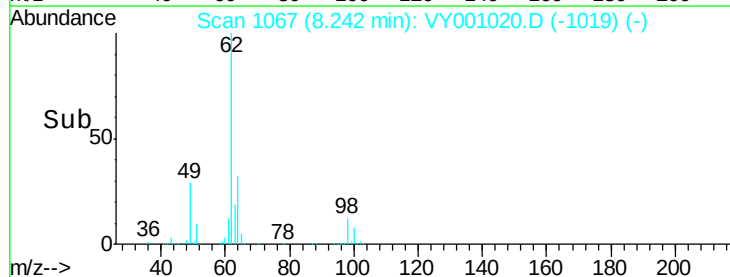
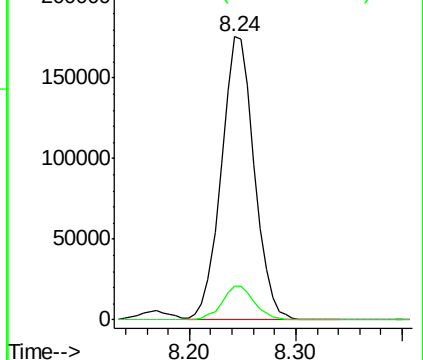


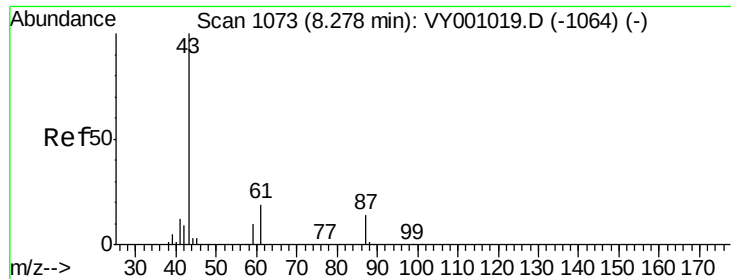
#42
1,2-Dichloroethane
Concen: 97.397 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	11.8	0.0	23.4



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





#43

Isopropyl Acetate

Concen: 100.053 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

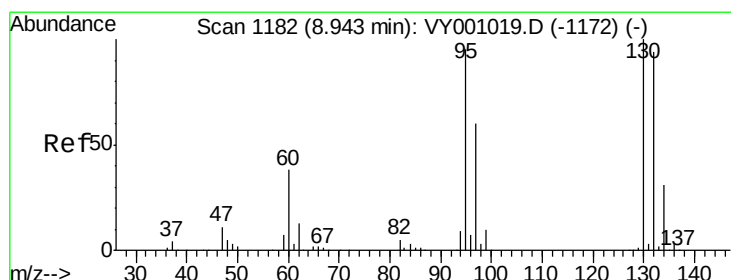
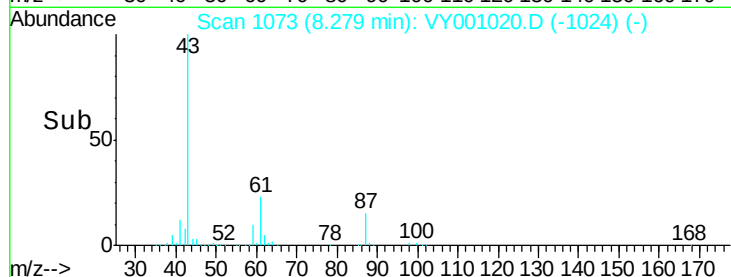
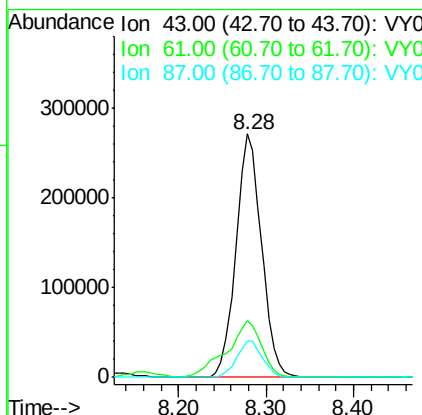
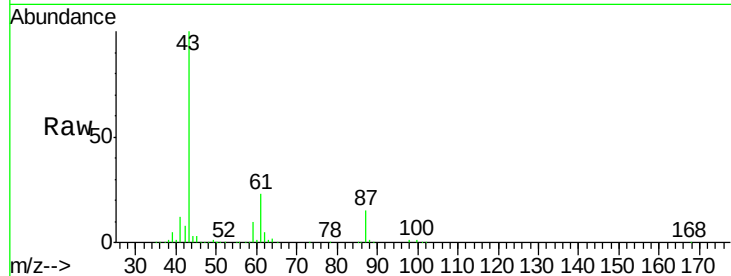
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	551160
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.0	37.6
87	15.2	12.0	18.0

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#44

Trichloroethene

Concen: 95.885 ug/l

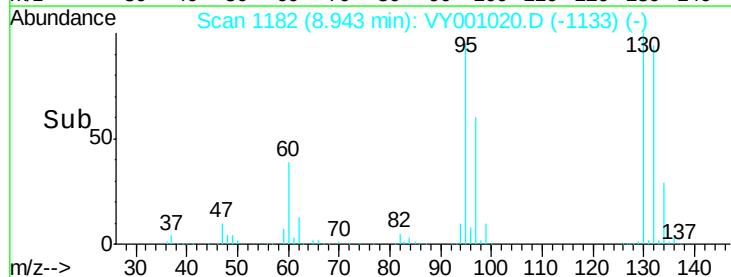
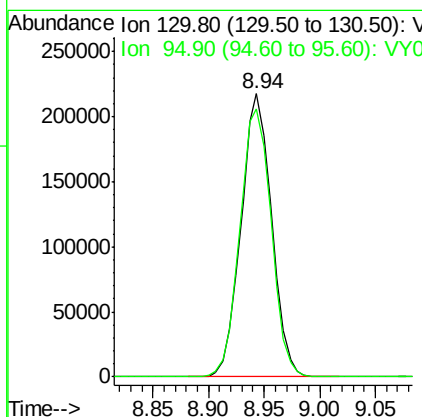
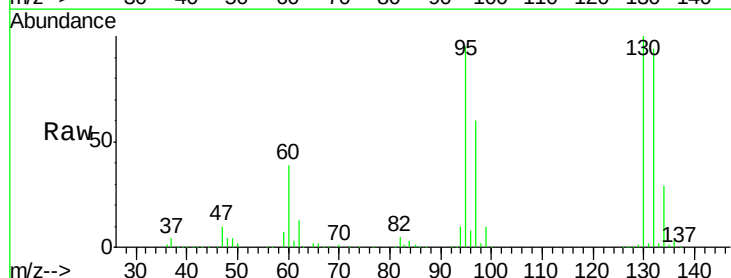
RT: 8.94 min Scan# 1182

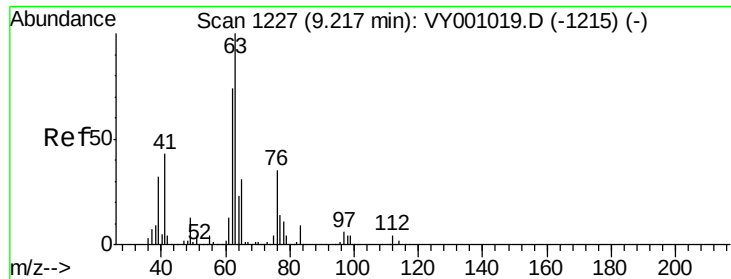
Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	130	Resp:	414328
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	190.6





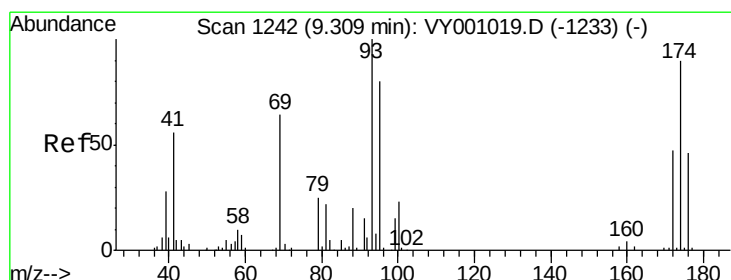
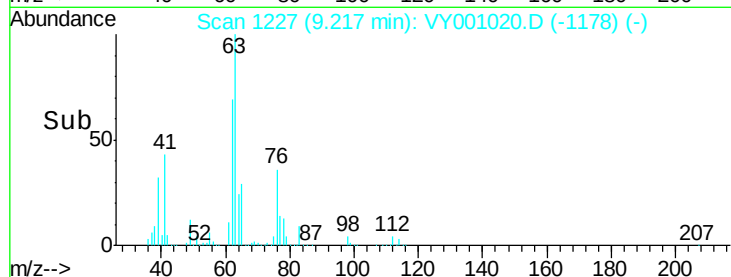
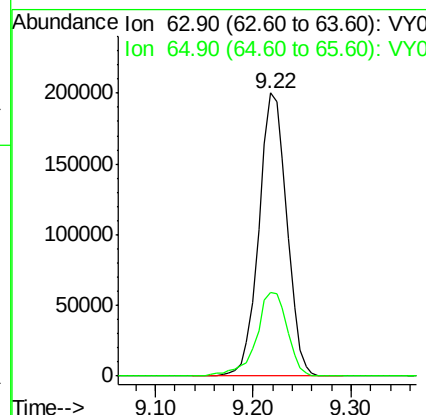
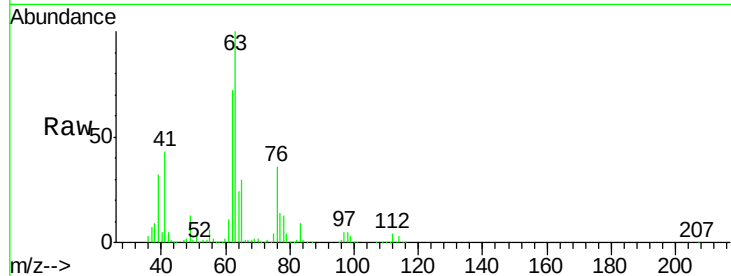
#45
 1,2-Dichloropropane
 Concen: 96.405 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 396073
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.1 37.7

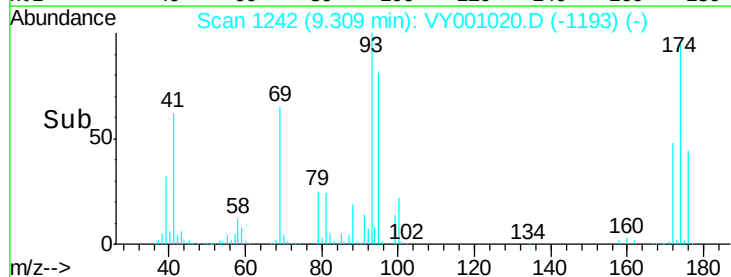
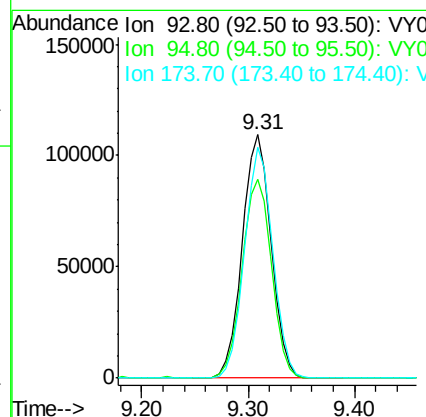
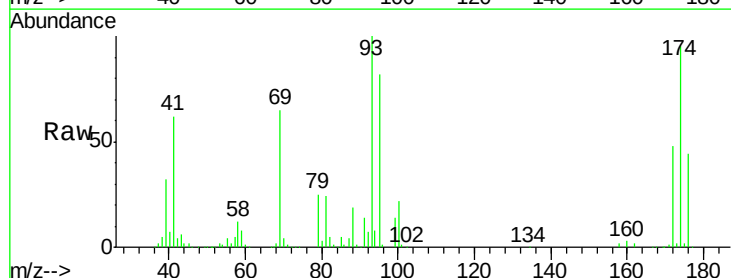
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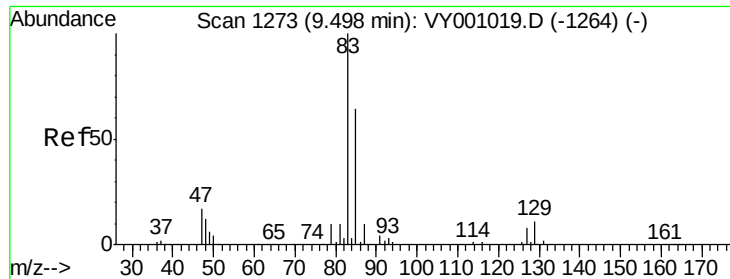
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#46
 Dibromomethane
 Concen: 99.451 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion: 93 Resp: 208489
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 92.6 73.6 110.4





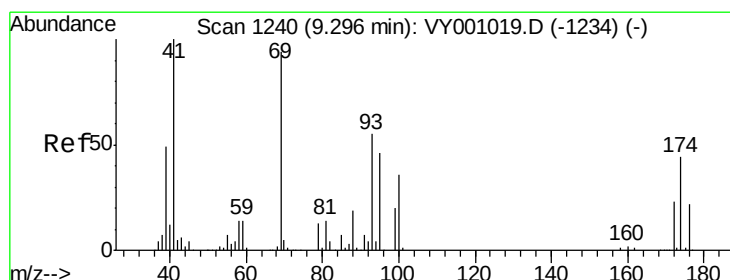
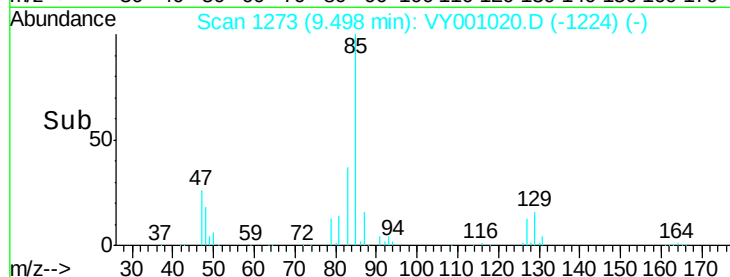
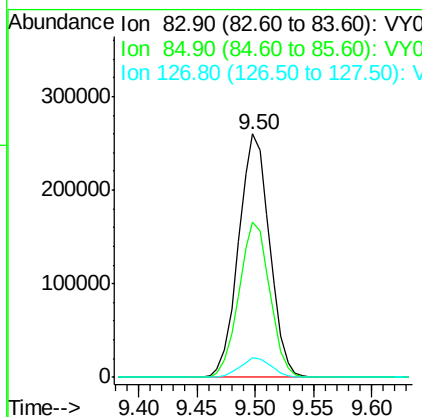
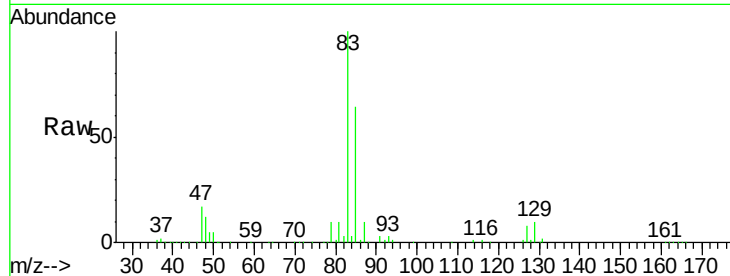
#47
Bromodichloromethane
Concen: 99.465 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	482116		
85	63.8	50.9	76.3	
127	8.1	6.4	9.6	

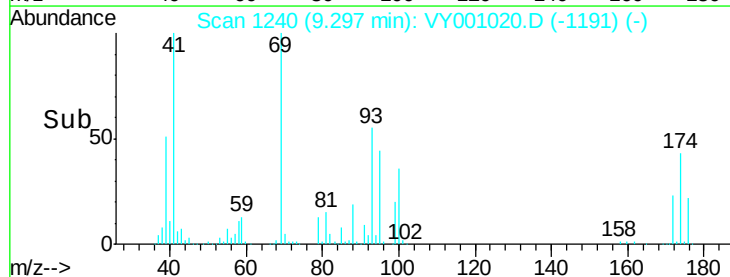
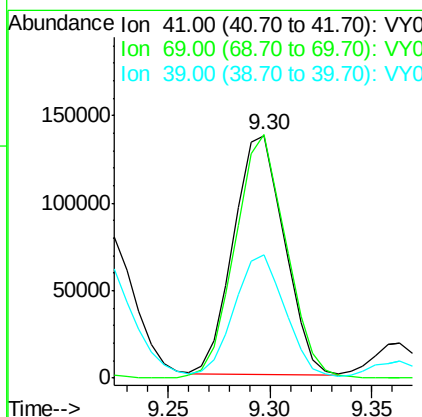
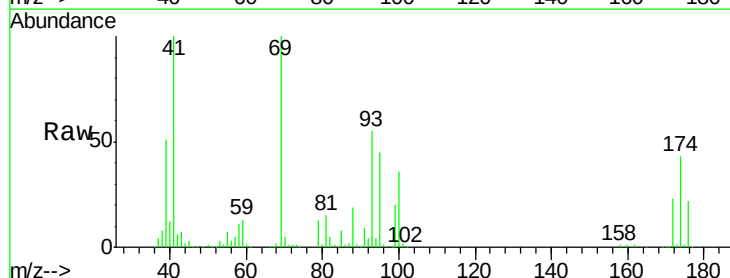
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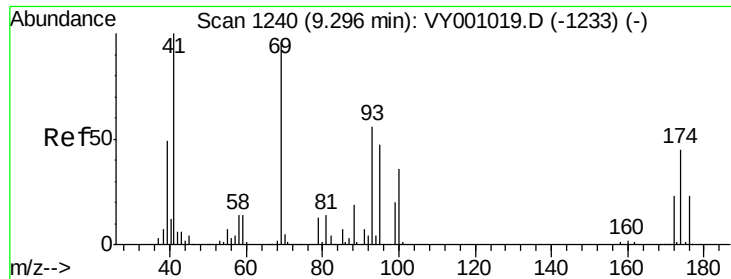
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#48
Methyl methacrylate
Concen: 102.033 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	238130		
69	101.8	79.8	119.6	
39	52.0	41.7	62.5	





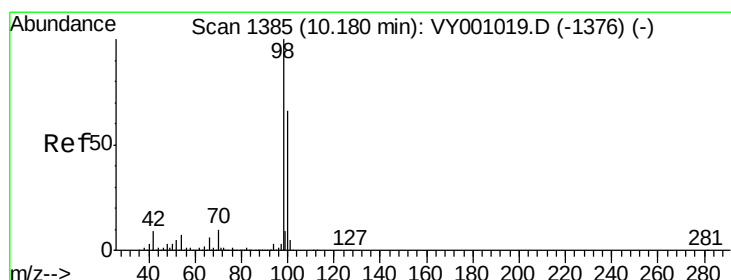
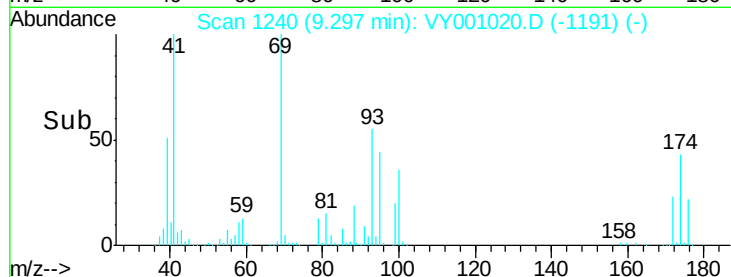
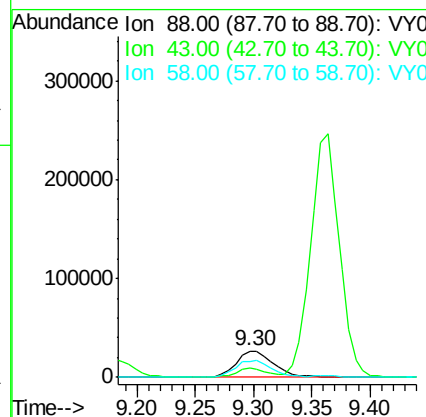
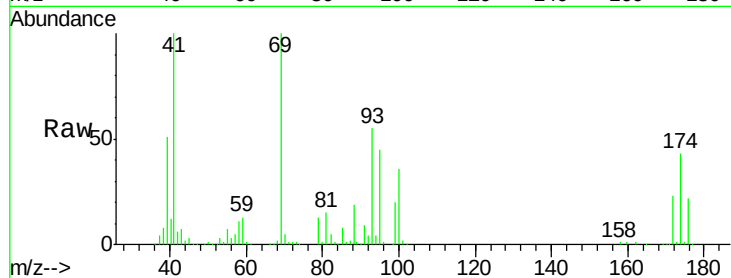
#49
 1,4-Dioxane
 Concen: 1989.783 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	88	Resp	60727
Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.0	34.4
58	63.1	54.9	82.3

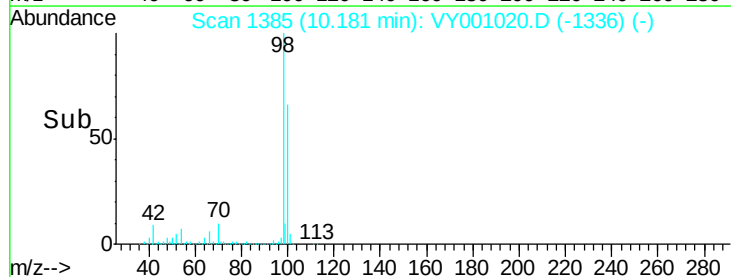
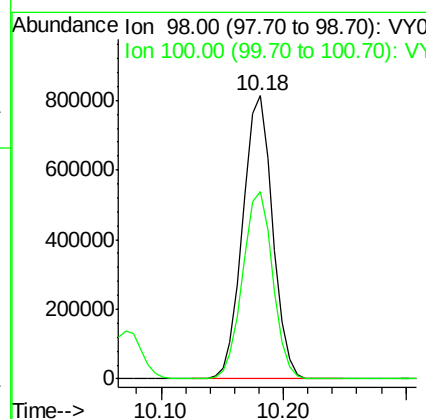
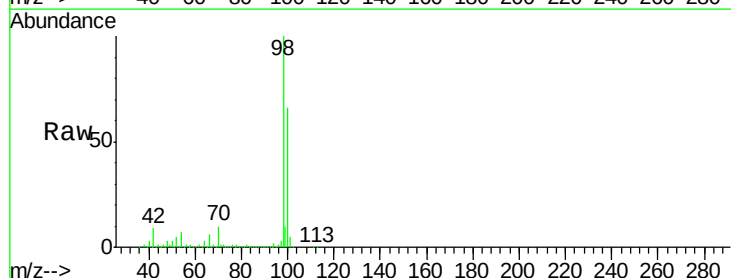
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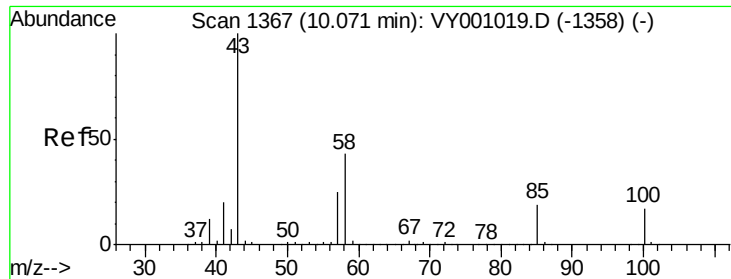
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#50
 Toluene-d8
 Concen: 109.093 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	98	Resp	1375332
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4





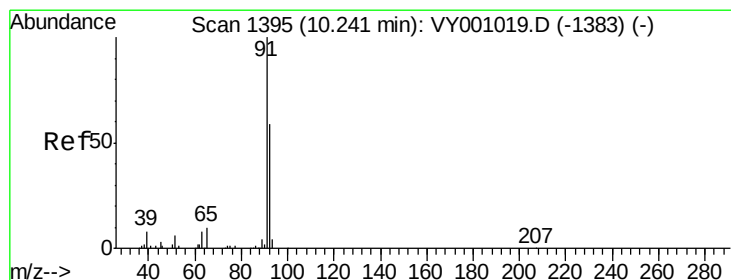
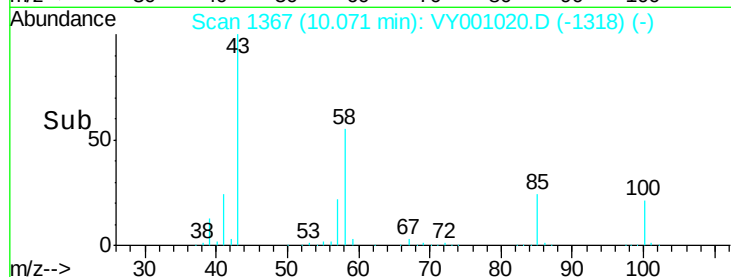
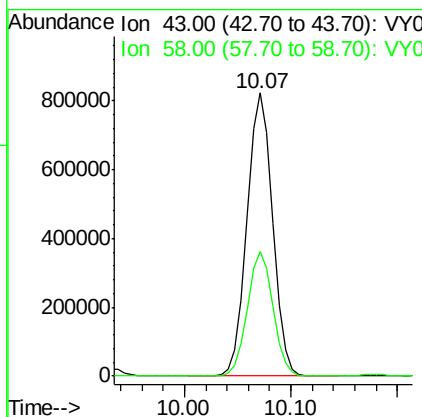
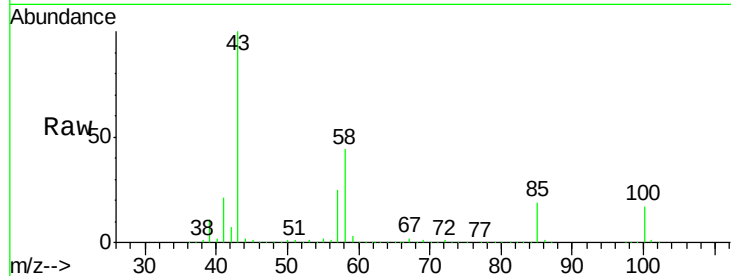
#51
4-Methyl-2-Pentanone
Concen: 477.839 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1392178
Ion Ratio Lower Upper
43 100
58 44.0 34.6 52.0

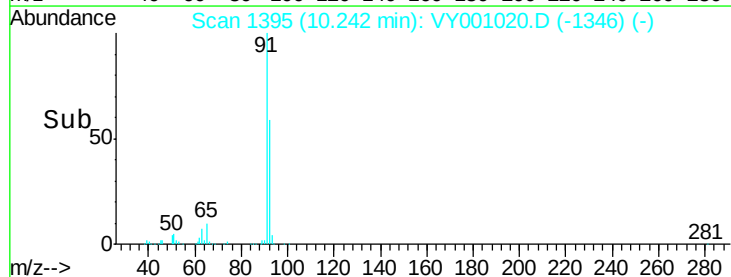
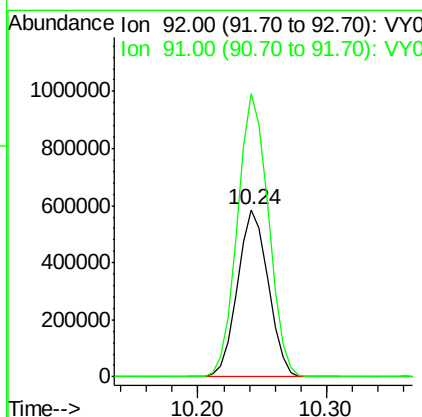
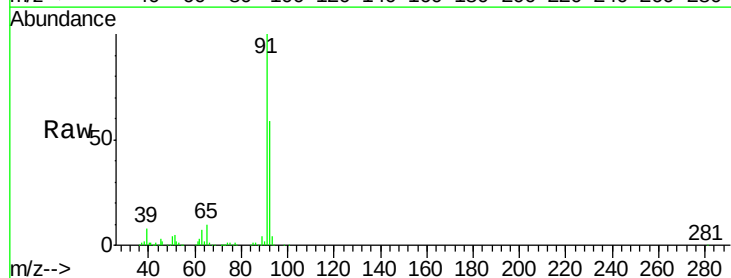
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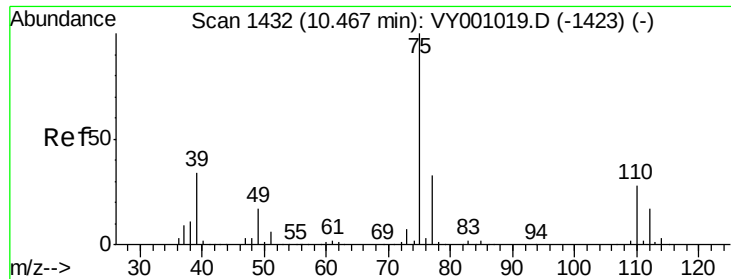
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#52
Toluene
Concen: 95.594 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion: 92 Resp: 966527
Ion Ratio Lower Upper
92 100
91 170.9 135.7 203.5





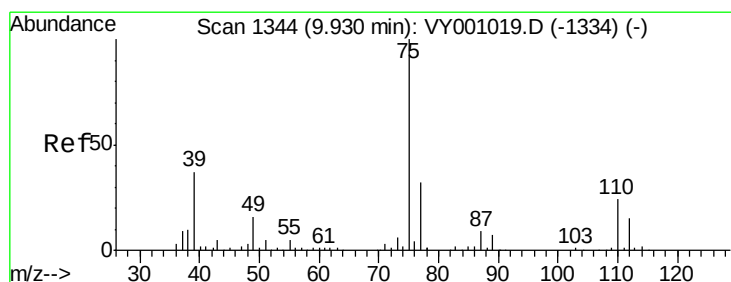
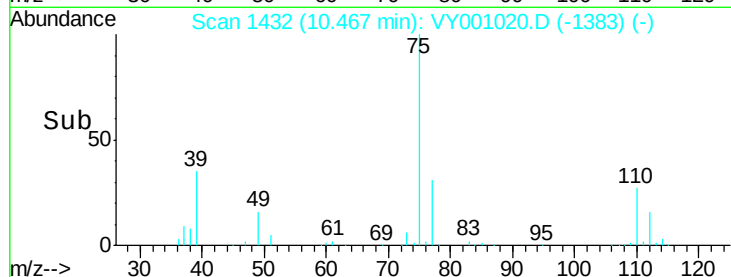
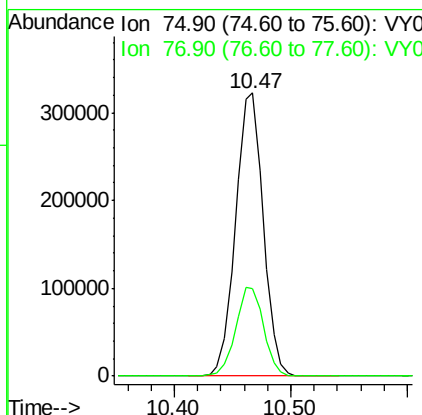
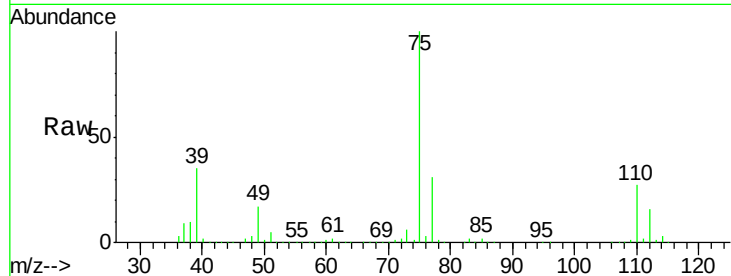
#53
 t-1,3-Dichloropropene
 Concen: 102.396 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 533380
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7

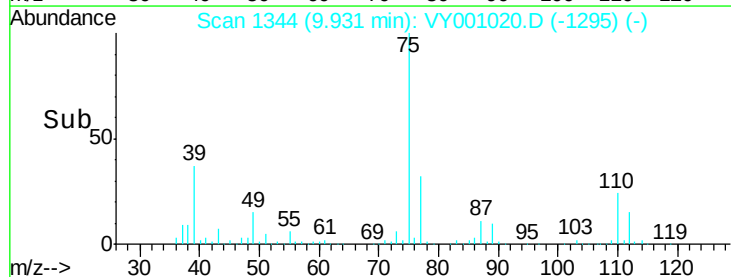
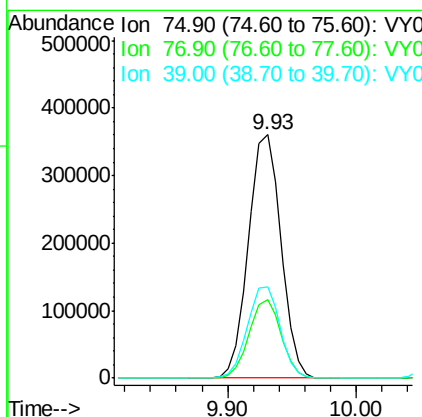
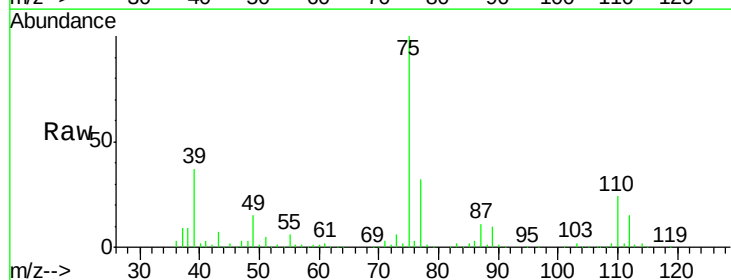
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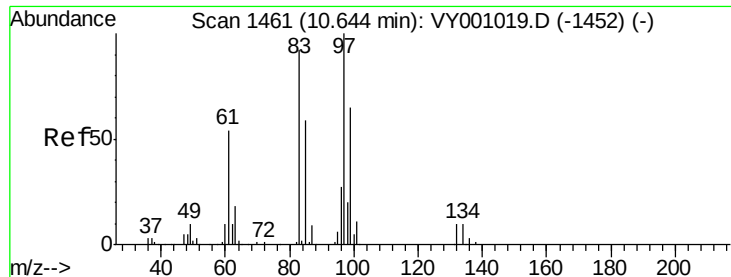
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#54
 cis-1,3-Dichloropropene
 Concen: 98.869 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion: 75 Resp: 627325
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 37.4 29.5 44.3





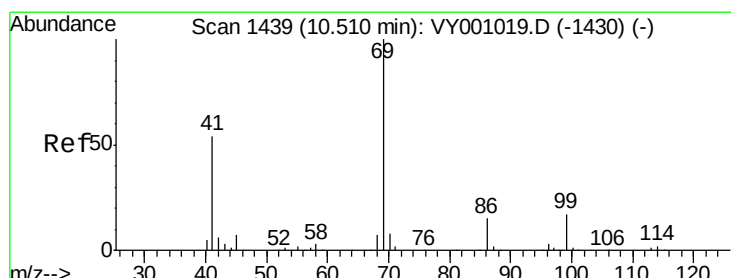
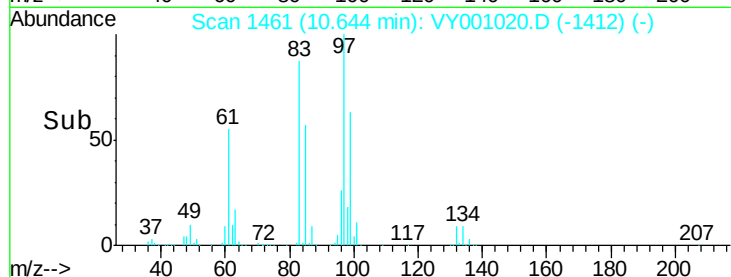
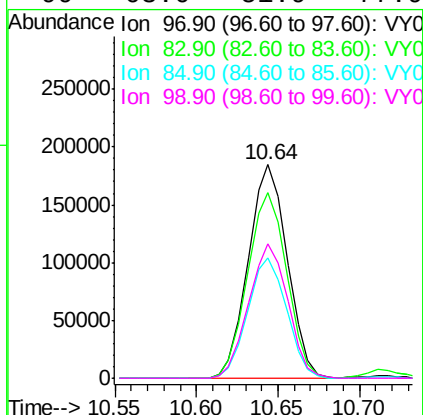
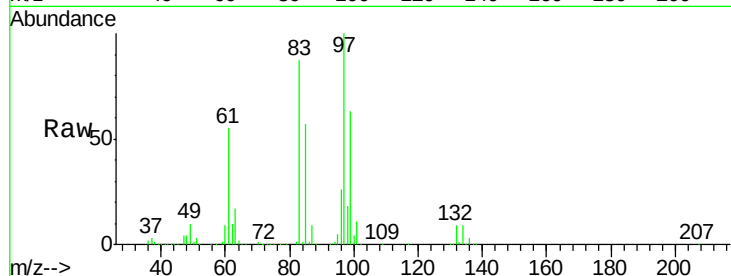
#55
 1,1,2-Trichloroethane
 Concen: 97.875 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.7	73.7	110.5
85	56.6	47.3	70.9
99	63.0	51.9	77.9

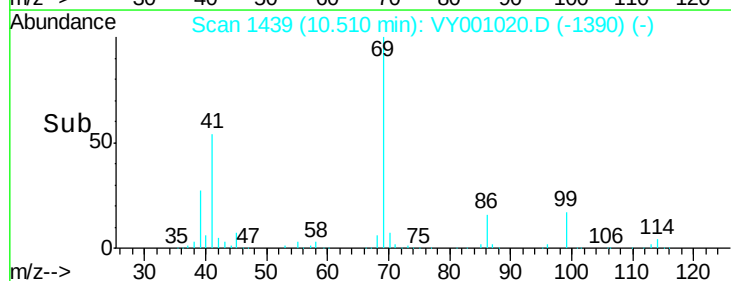
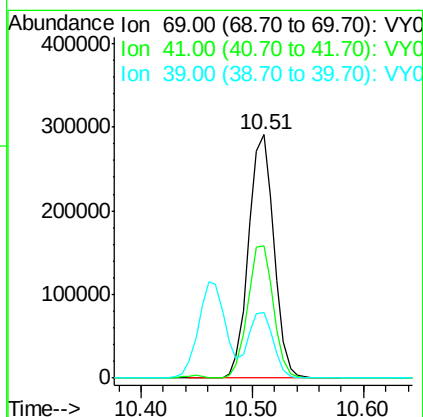
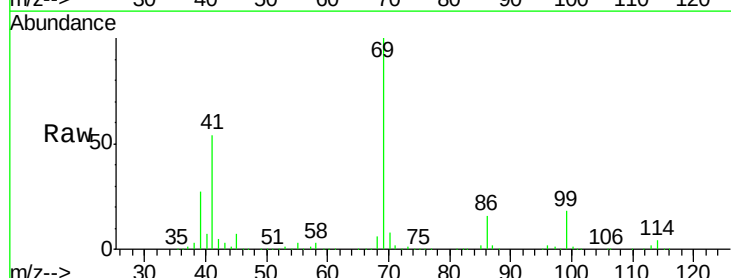
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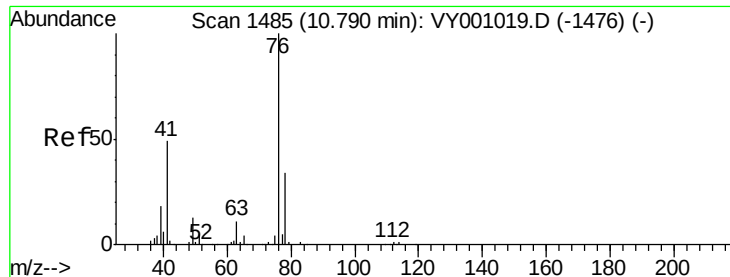
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#56
 Ethyl methacrylate
 Concen: 104.735 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.2	44.7	67.1
39	27.1	22.2	33.4





#57

1,3-Dichloropropane

Concen: 97.325 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 537413

Ion Ratio Lower Upper

76 100

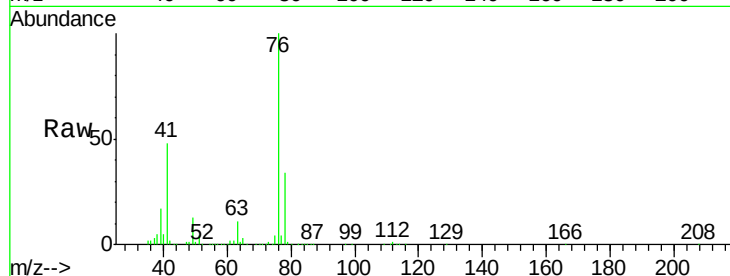
78 32.9 25.8 38.8

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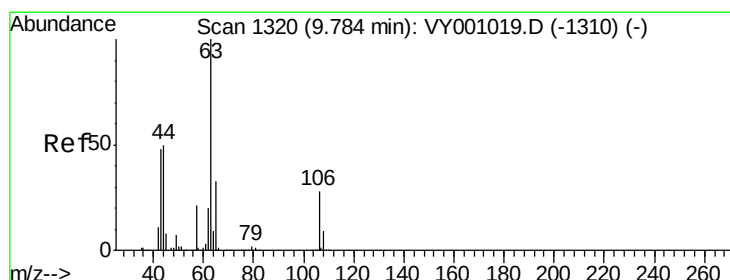
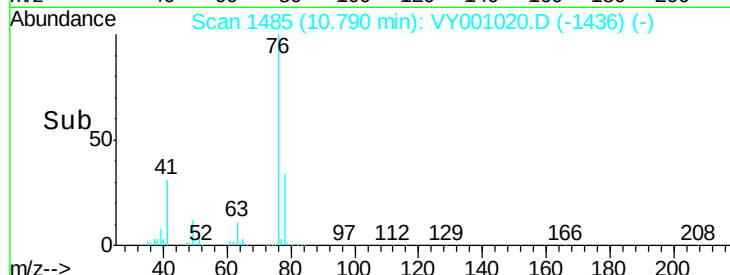
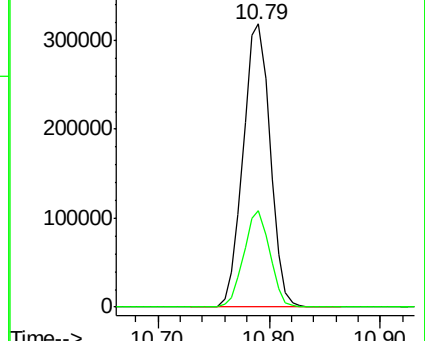
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 477.300 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001020.D

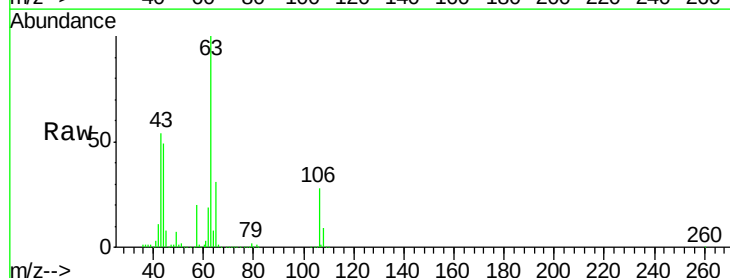
Acq: 23 Dec 2019 11:27

Tgt Ion: 63 Resp: 836474

Ion Ratio Lower Upper

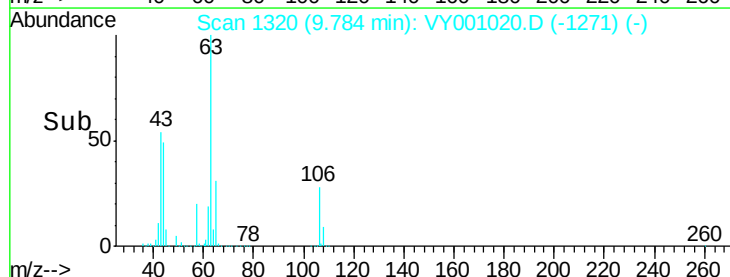
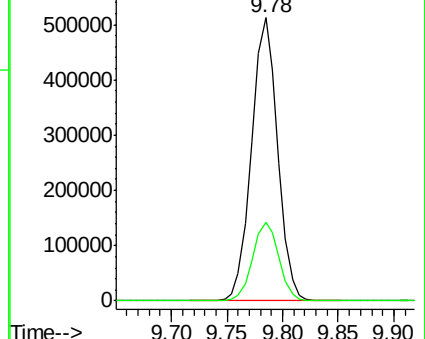
63 100

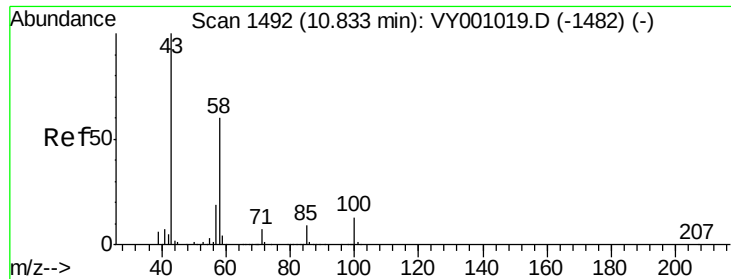
106 28.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





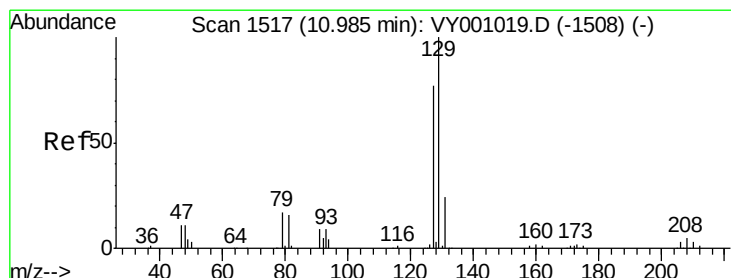
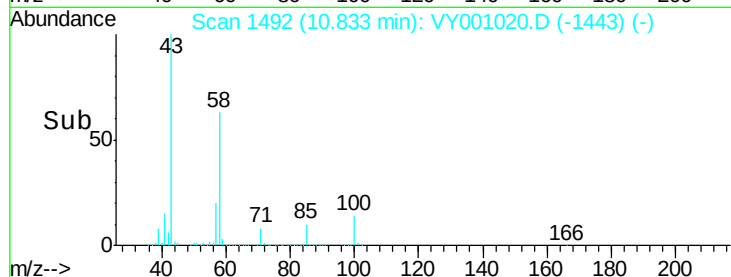
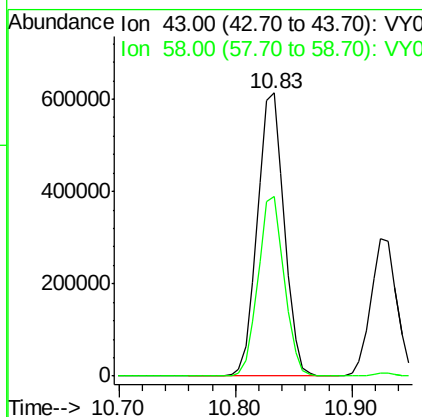
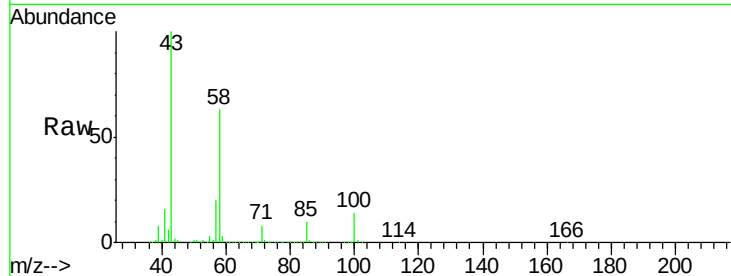
#59
2-Hexanone
Concen: 490.006 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.1	30.6	91.6

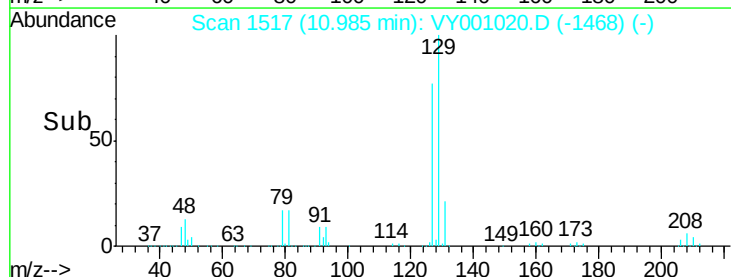
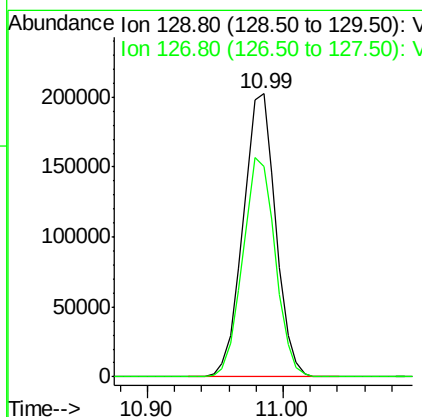
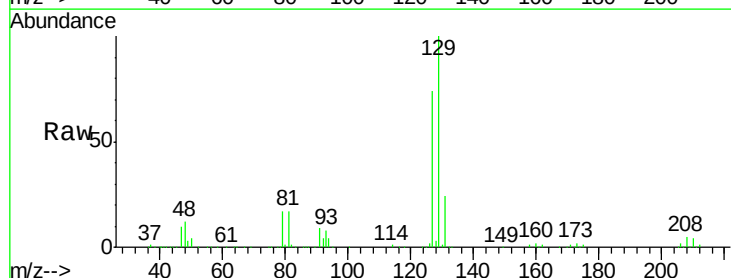
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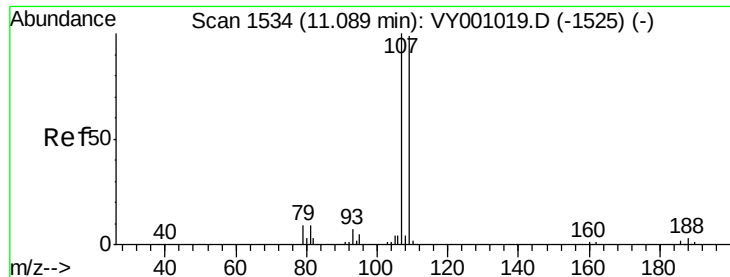
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#60
Dibromochloromethane
Concen: 103.028 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.3





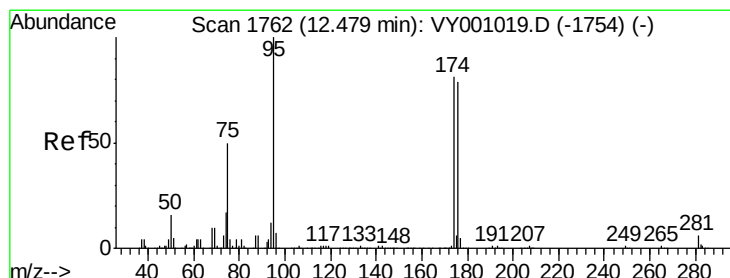
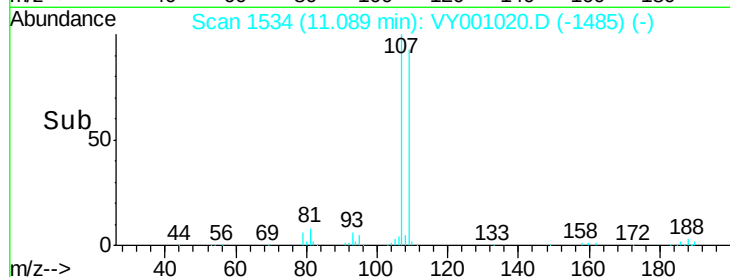
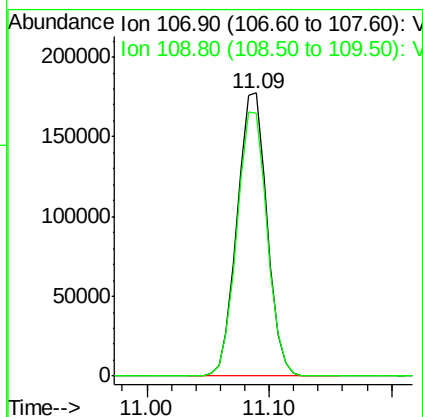
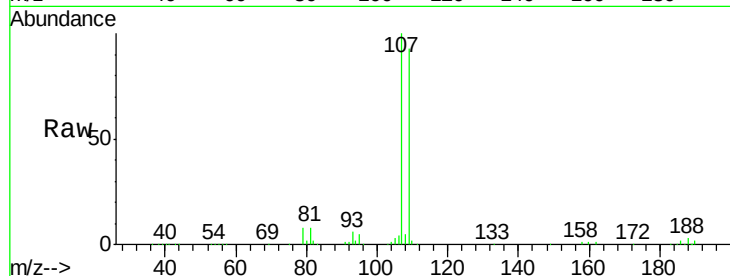
#61
 1,2-Dibromoethane
 Concen: 100.856 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	299909		
109	94.5	74.8	112.2	

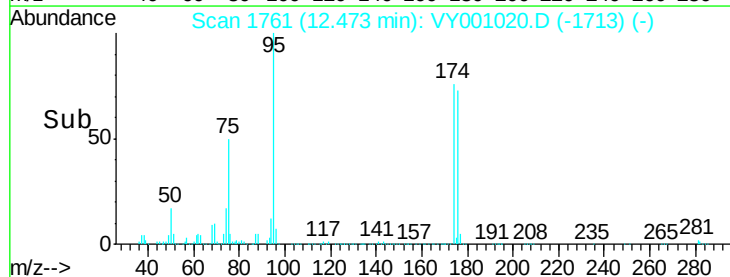
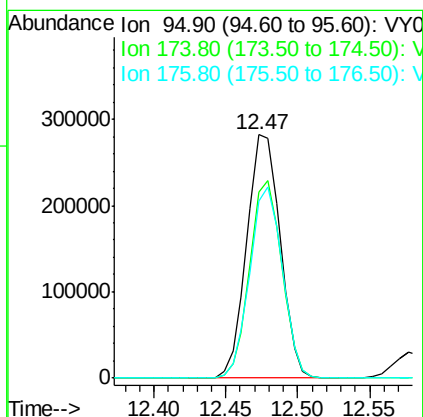
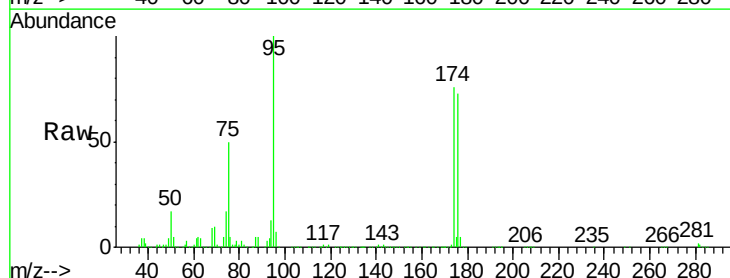
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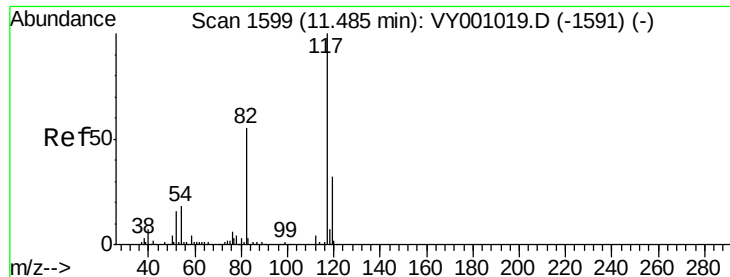
apatel
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#62
 4-Bromofluorobenzene
 Concen: 93.126 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	451978		
174	78.4	0.0	156.4	
176	76.7	0.0	155.0	





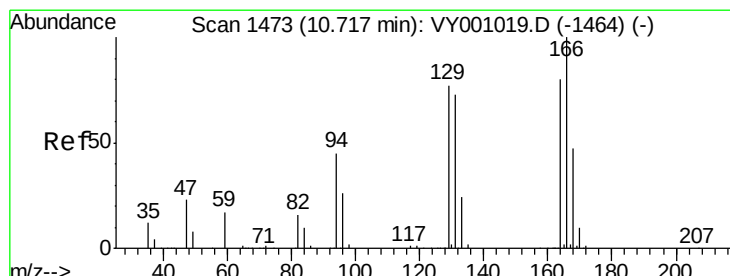
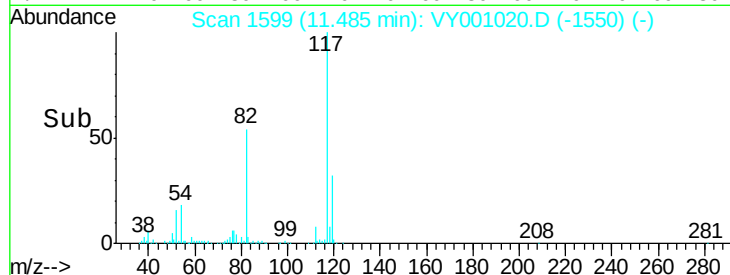
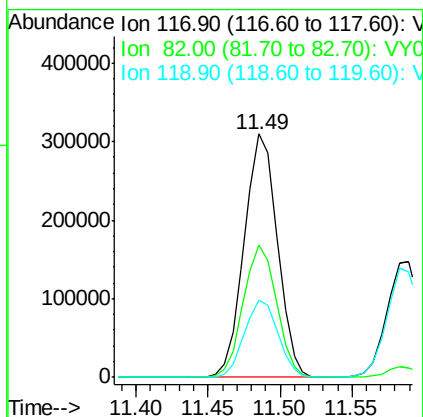
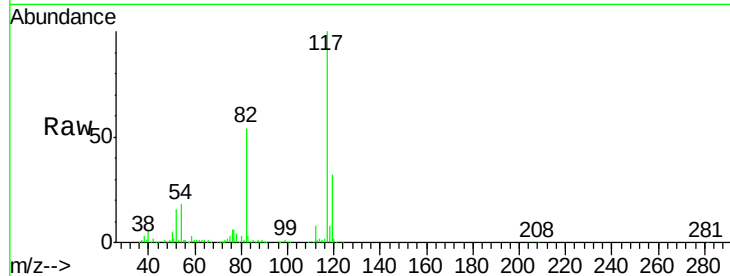
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	494380		
82	54.1		43.8	65.8
119	31.7		25.8	38.6

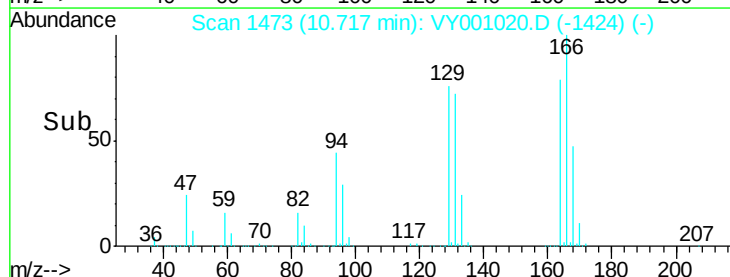
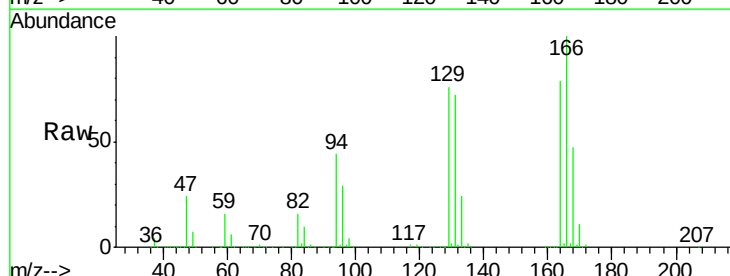
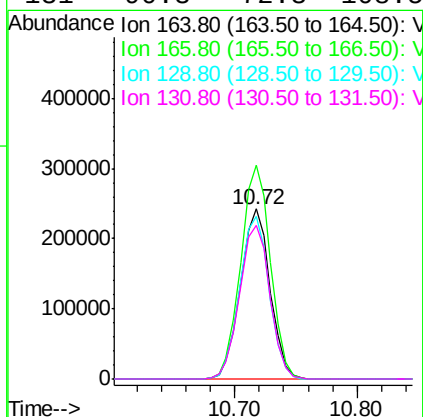
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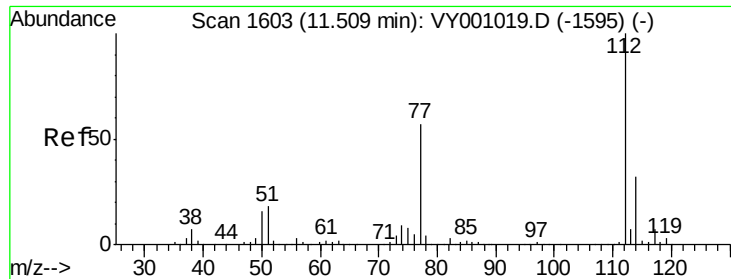
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#64
Tetrachloroethene
Concen: 90.051 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	404869		
166	125.9		99.7	149.5
129	95.7		76.9	115.3
131	90.3		72.3	108.5





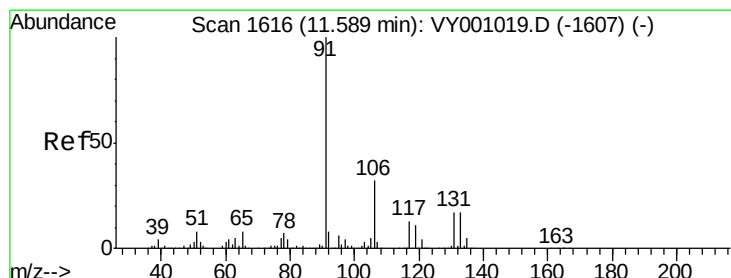
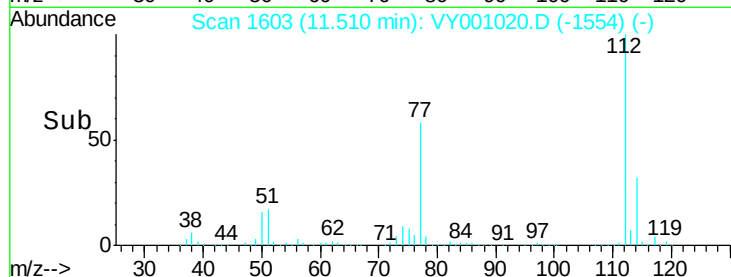
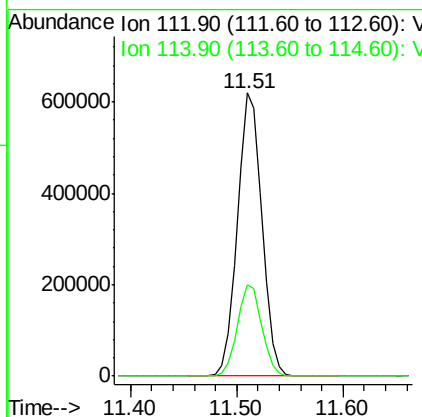
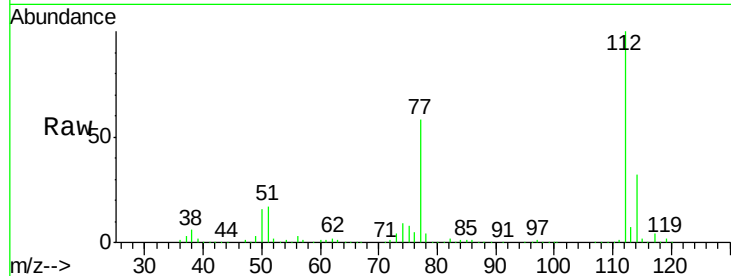
#65
Chlorobenzene
Concen: 94.336 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 998683
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

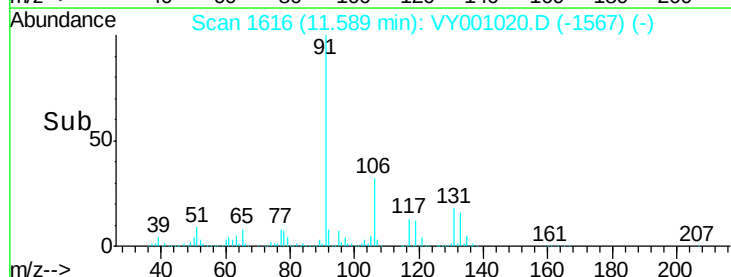
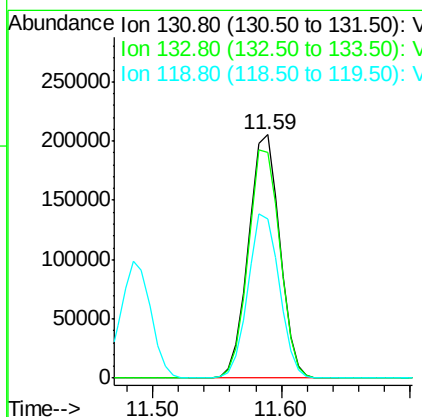
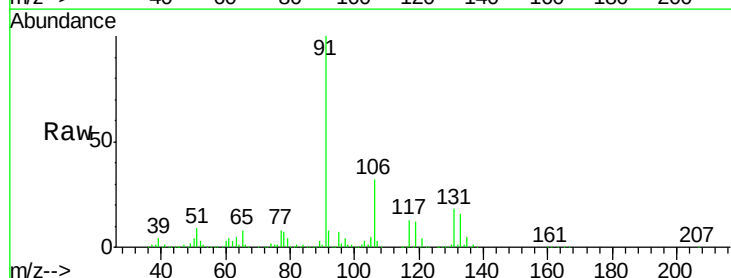
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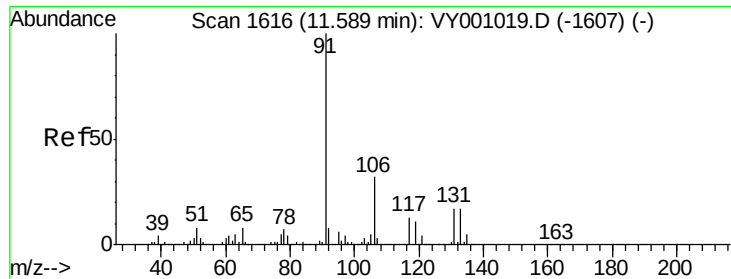
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#66
1,1,1,2-Tetrachloroethane
Concen: 99.551 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion:131 Resp: 342810
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 67.8 34.0 101.8





#67

Ethyl Benzene

Concen: 95.308 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1811912

Ion Ratio Lower Upper

91 100

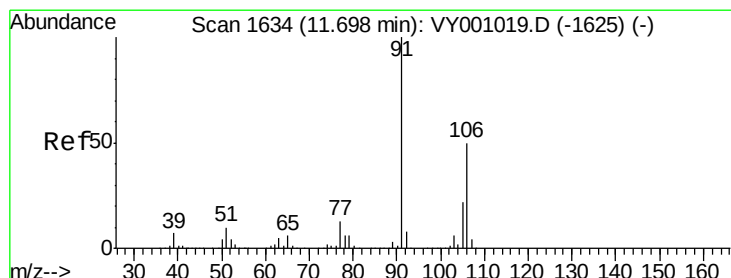
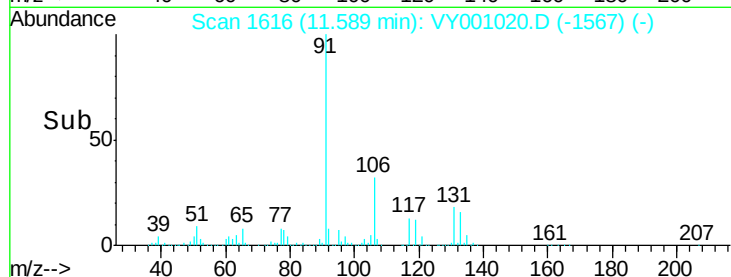
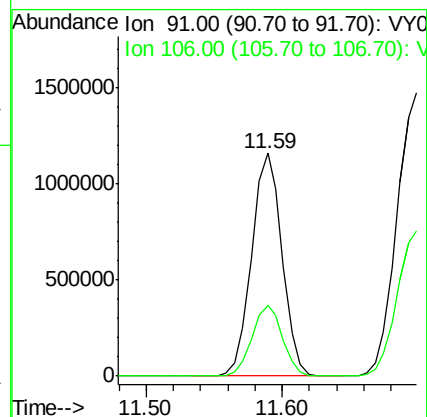
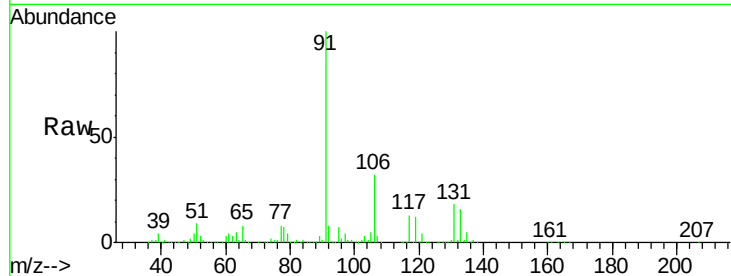
106 32.1 25.3 37.9

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#68

m/p-Xylenes

Concen: 192.078 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001020.D

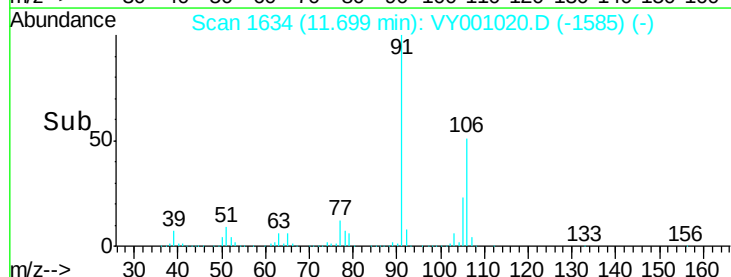
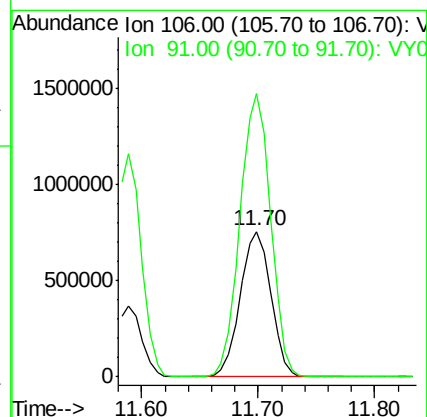
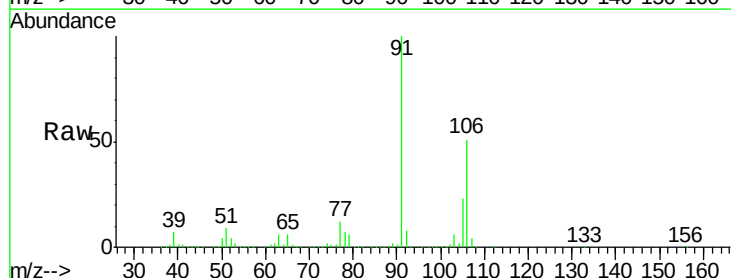
Acq: 23 Dec 2019 11:27

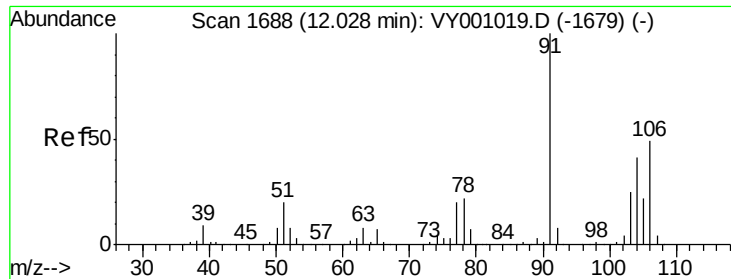
Tgt Ion: 106 Resp: 1385039

Ion Ratio Lower Upper

106 100

91 195.0 156.4 234.6





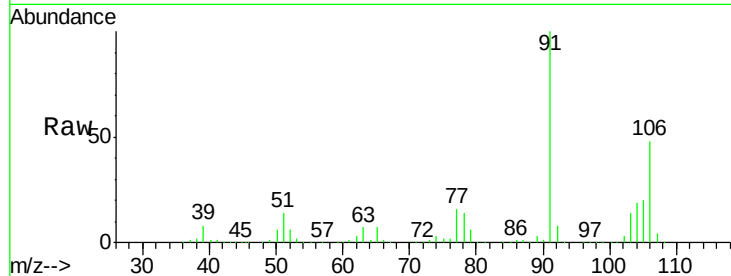
#69
o-Xylene
Concen: 95.896 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

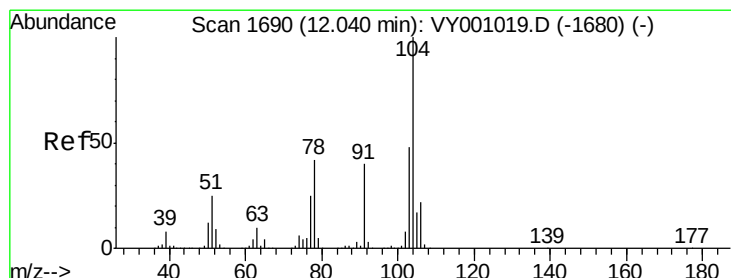
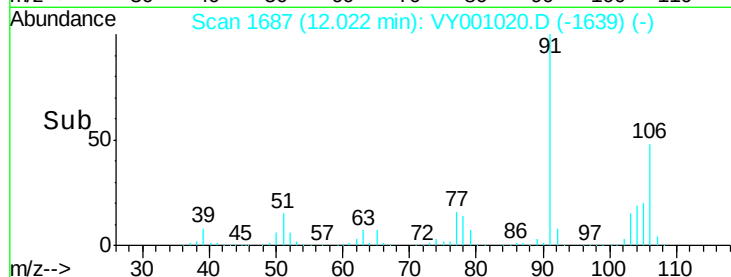
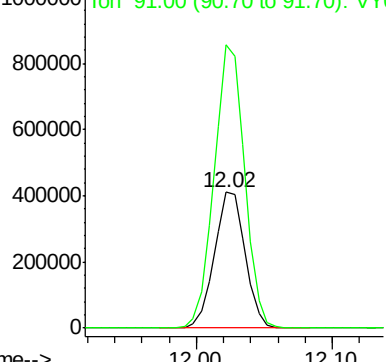
Tot Ion:106 Resp: 651180
Ion Ratio Lower Upper
106 100
91 206.2 103.0 309.0

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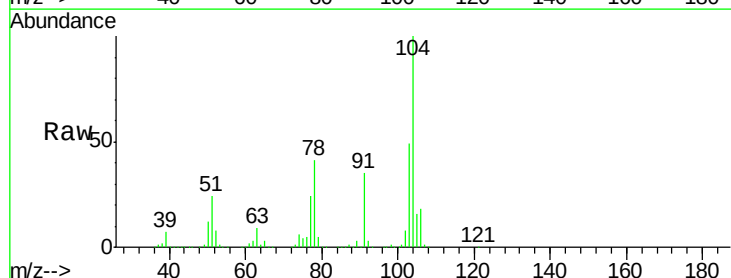


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

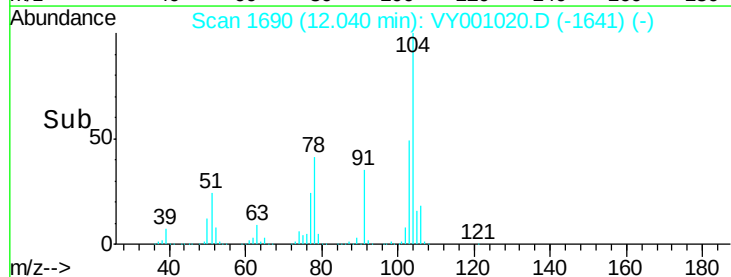
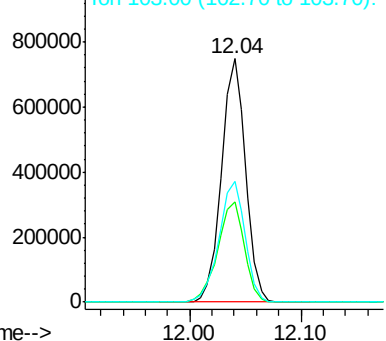


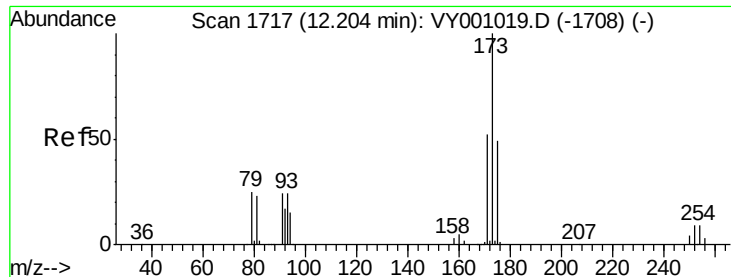
#70
Styrene
Concen: 98.281 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion:104 Resp: 1124725
Ion Ratio Lower Upper
104 100
78 45.6 36.6 54.8
103 53.9 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: 109.382 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

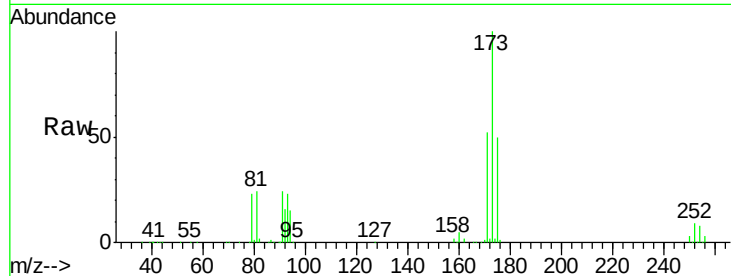
ClientSampleId :

VSTDIC100

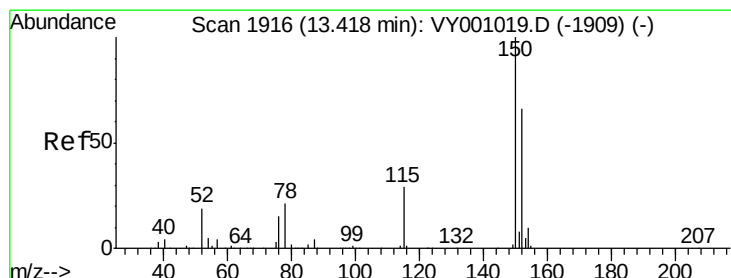
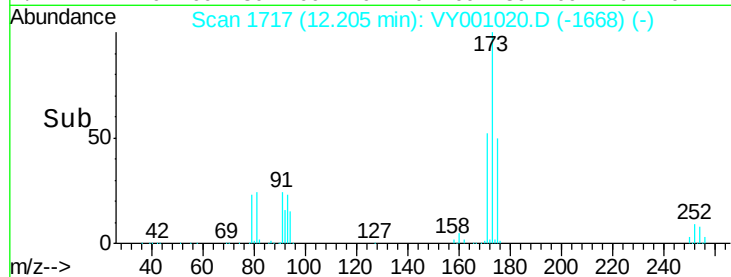
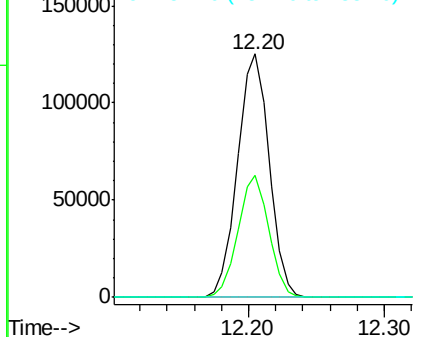
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.0	0.0#

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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

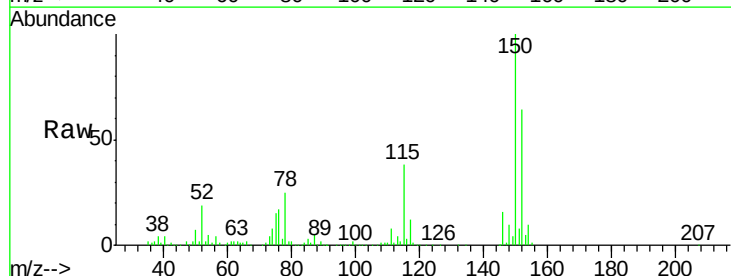
RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

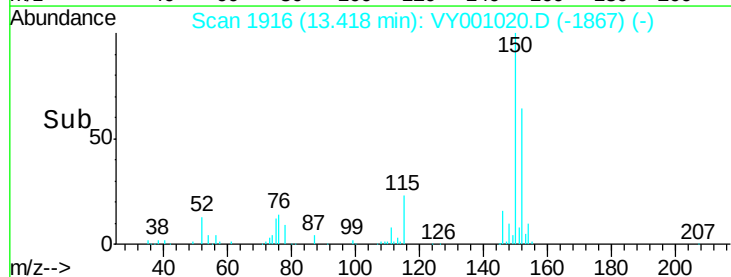
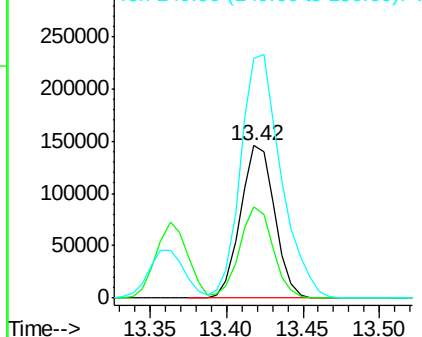
Lab File: VY001020.D

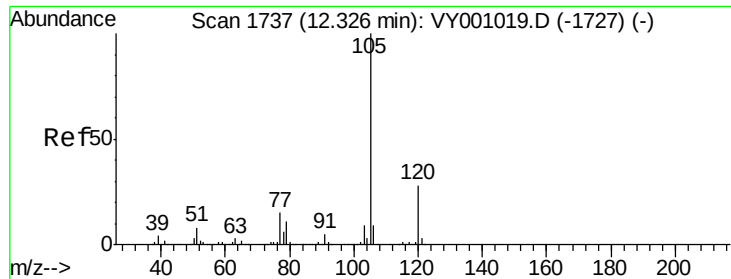
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.8	89.3
150	188.8	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: 94.728 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1701260

Ion Ratio Lower Upper

105 100

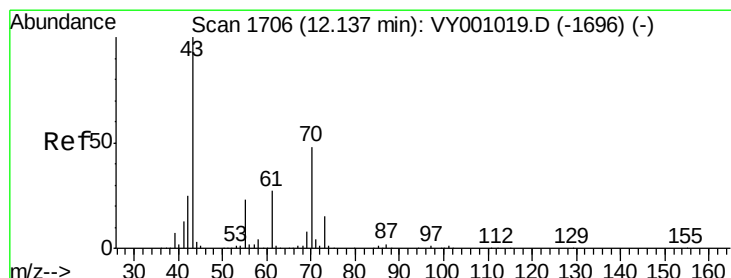
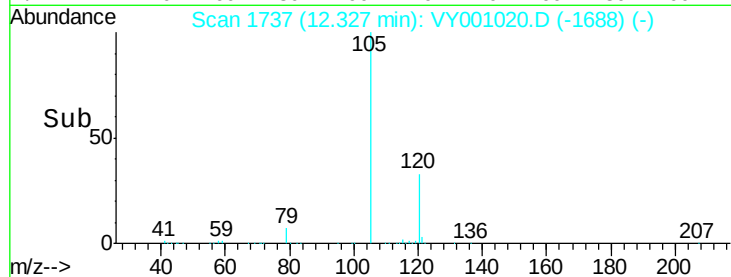
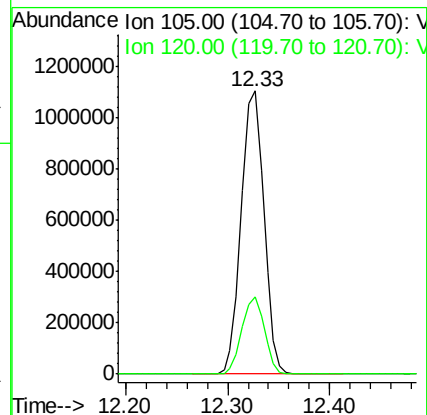
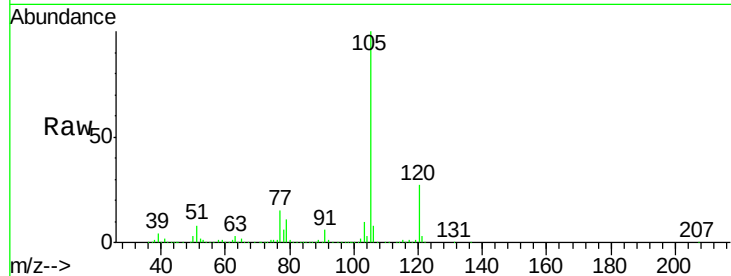
120 27.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 100.162 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion: 43 Resp: 466655

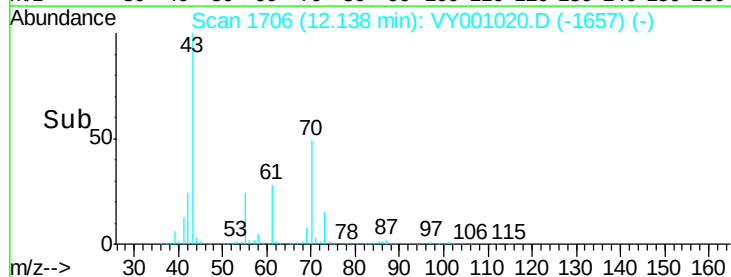
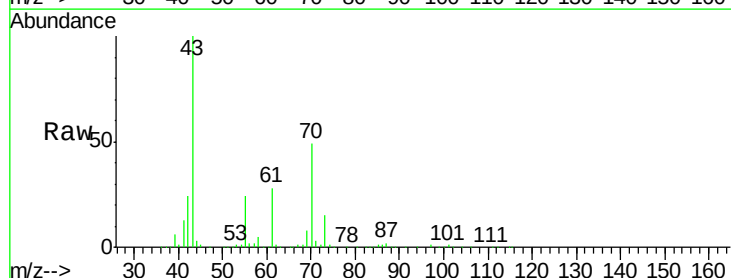
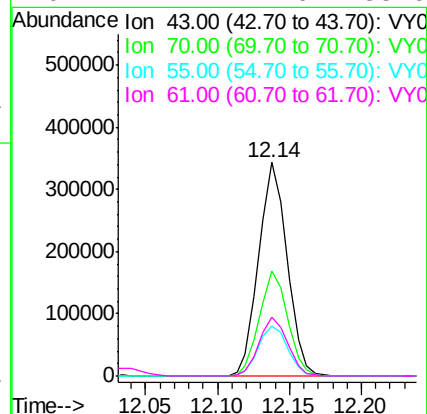
Ion Ratio Lower Upper

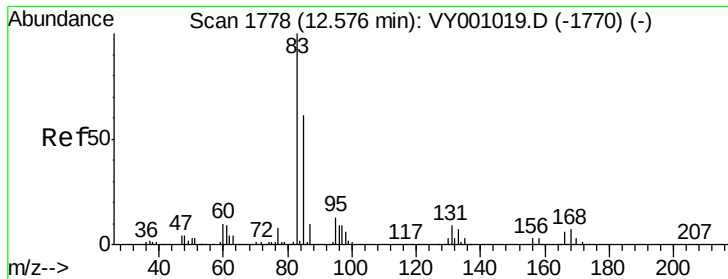
43 100

70 49.1 39.0 58.6

55 24.6 19.5 29.3

61 27.7 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 100.562 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

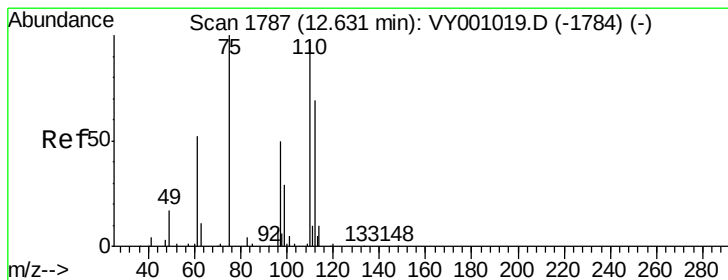
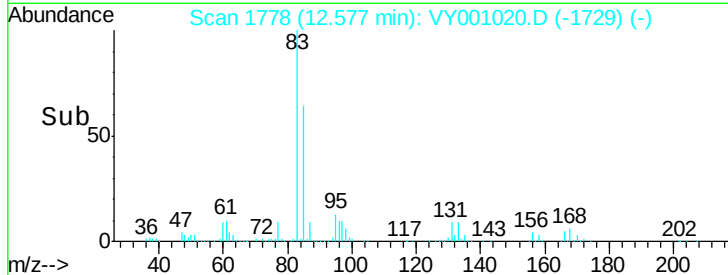
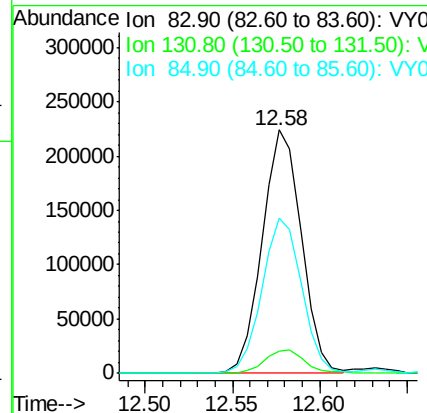
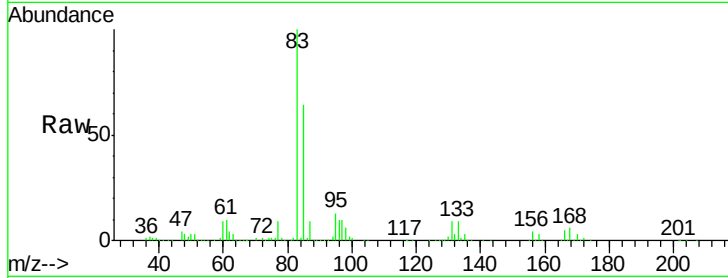
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	349764
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: 93.632 ug/l m

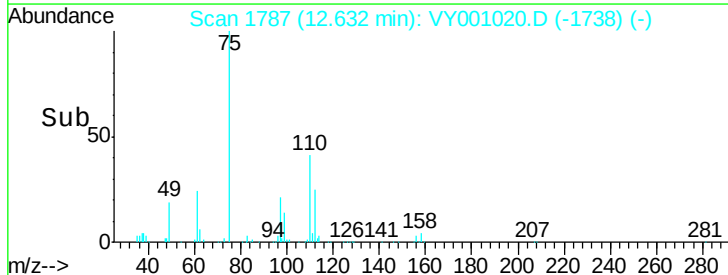
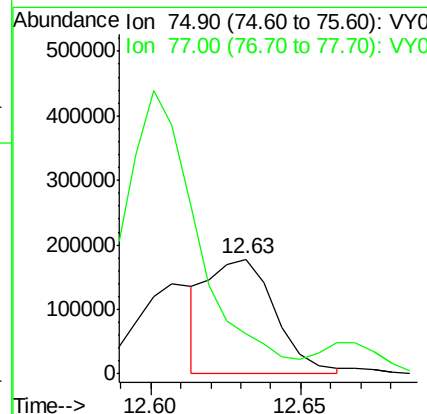
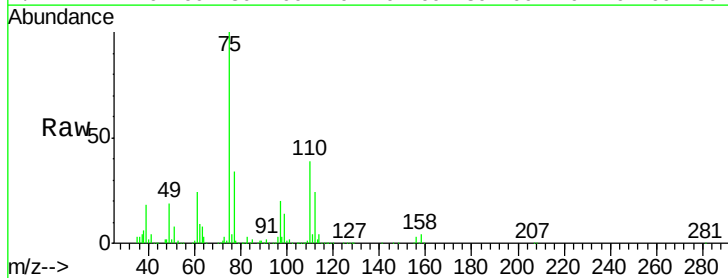
RT: 12.63 min Scan# 1787

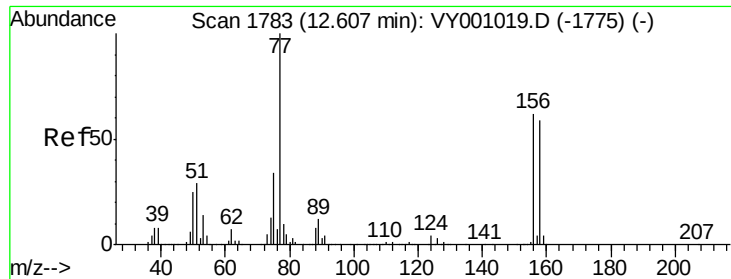
Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	75	Resp:	277546
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 95.782 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

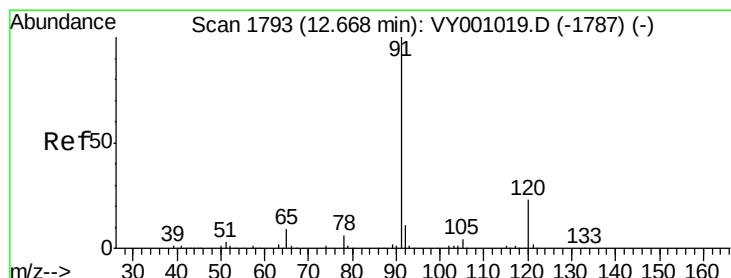
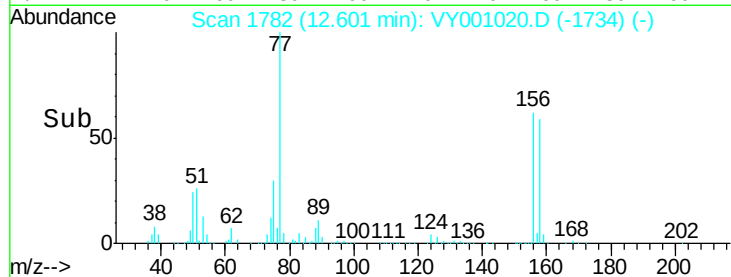
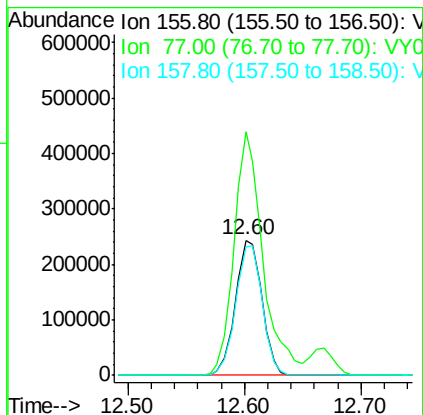
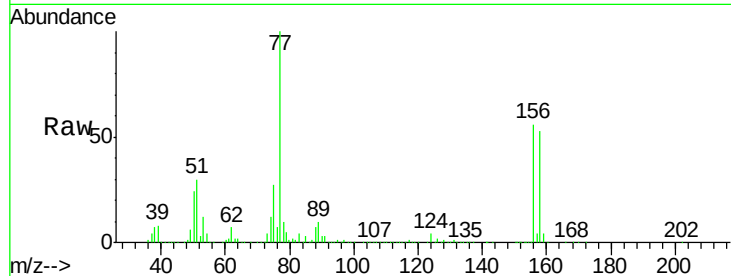
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	387071
Ion Ratio	Lower	Upper	
156	100		
77	196.8	98.0	294.1
158	96.1	48.5	145.6

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#78

n-propylbenzene

Concen: 94.757 ug/l

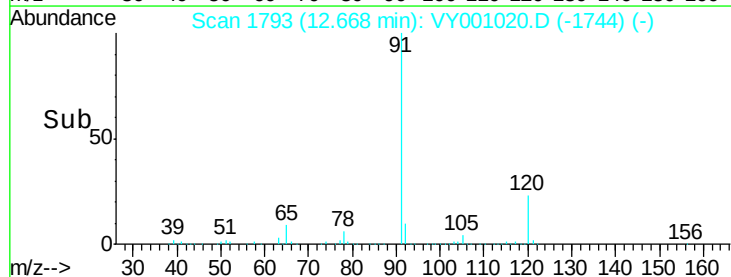
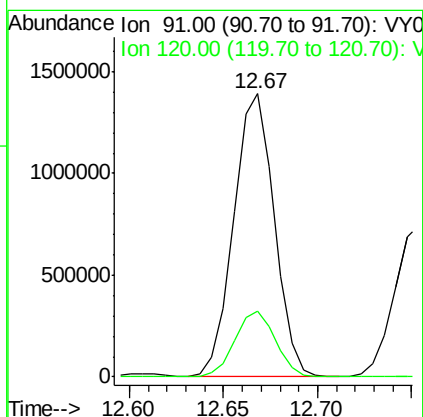
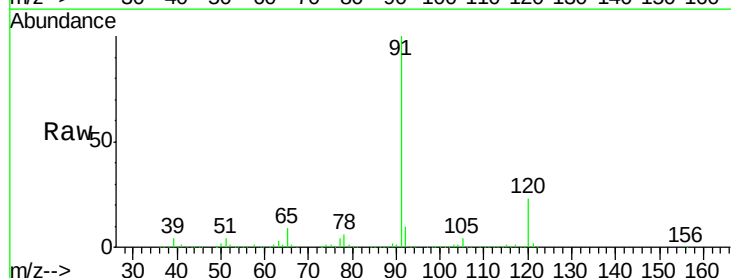
RT: 12.67 min Scan# 1793

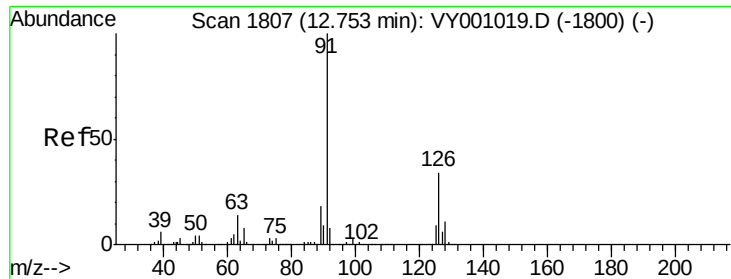
Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	91	Resp:	2073964
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 93.403 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1136162

Ion Ratio Lower Upper

91 100

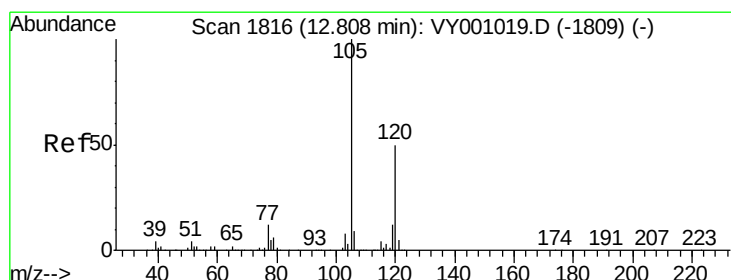
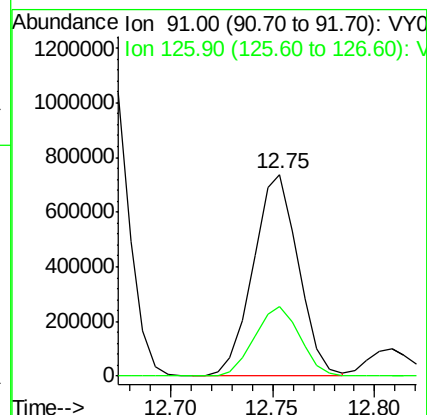
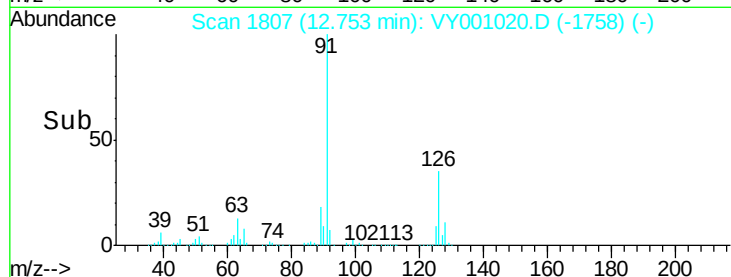
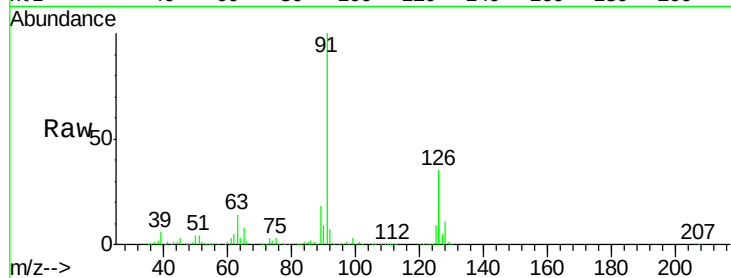
126 34.9 17.3 51.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 94.928 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001020.D

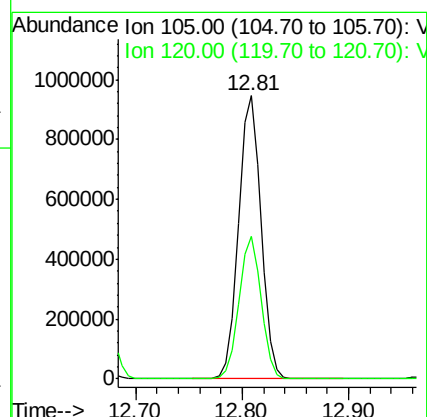
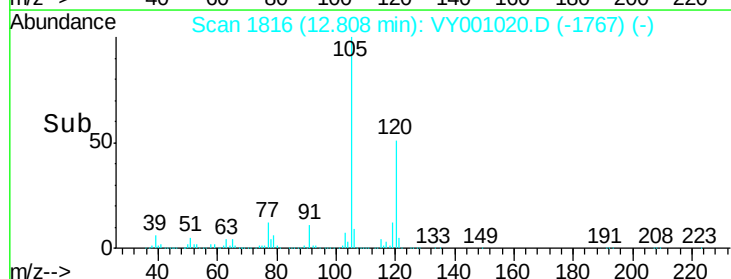
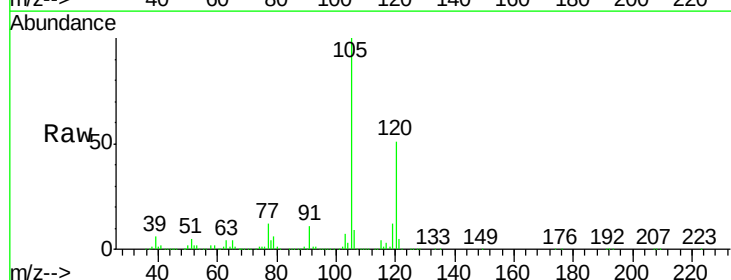
Acq: 23 Dec 2019 11:27

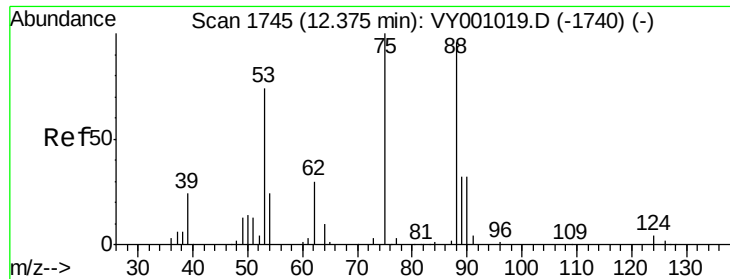
Tgt Ion: 105 Resp: 1399291

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 107.886 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Instrument :

MSVOA_Y

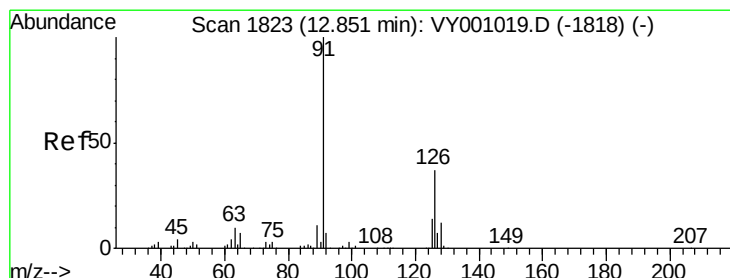
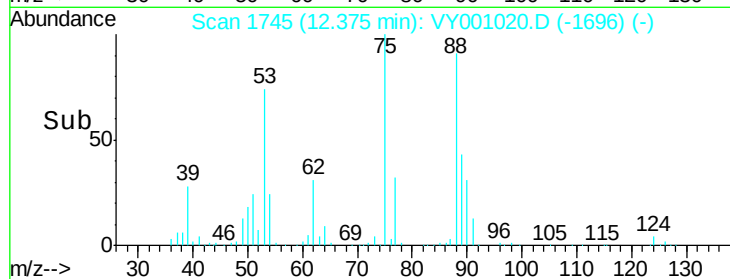
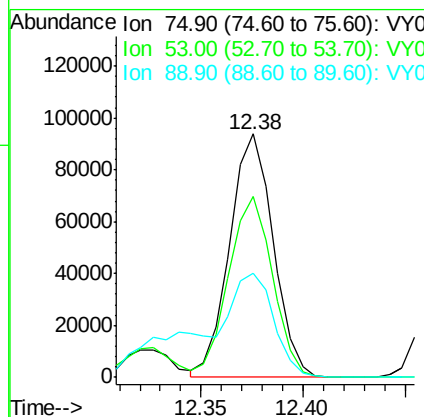
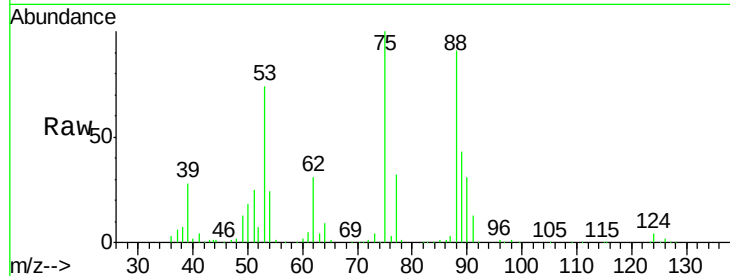
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	138404
Ion Ratio	Lower	Upper	
75	100		
53	75.9	60.6	91.0
89	42.5	35.4	53.0

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#82

4-Chlorotoluene

Concen: 94.602 ug/l

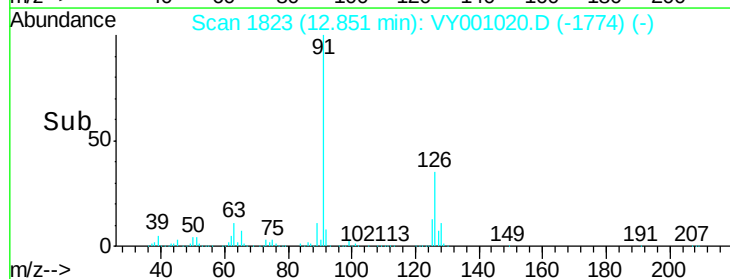
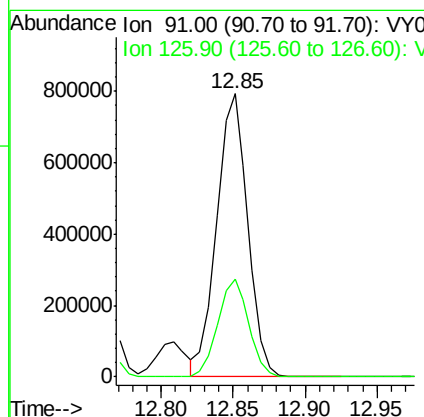
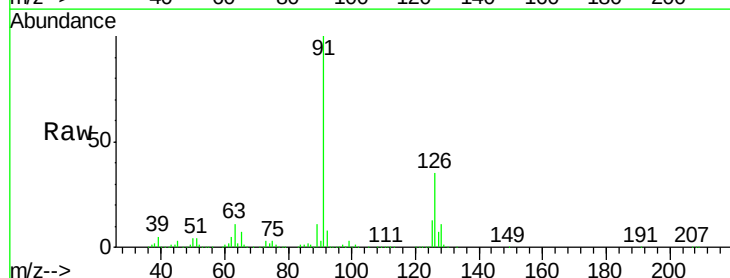
RT: 12.85 min Scan# 1823

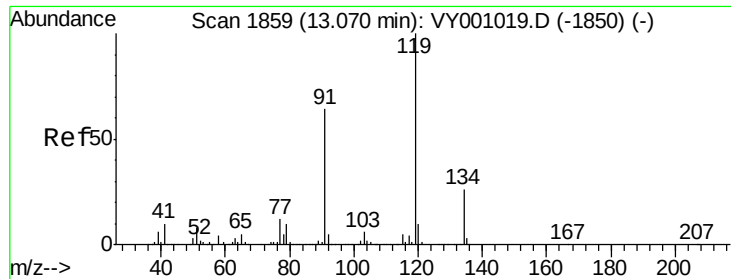
Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion:	91	Resp:	1190821
Ion Ratio	Lower	Upper	
91	100		
126	34.7	17.6	52.8





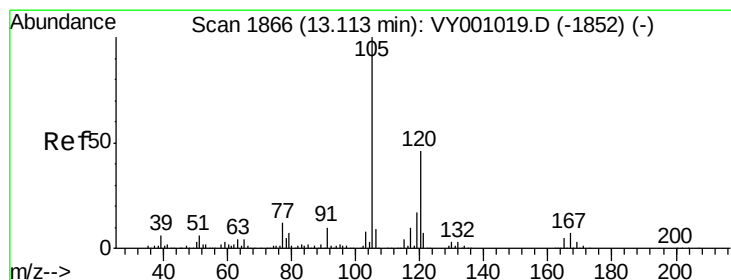
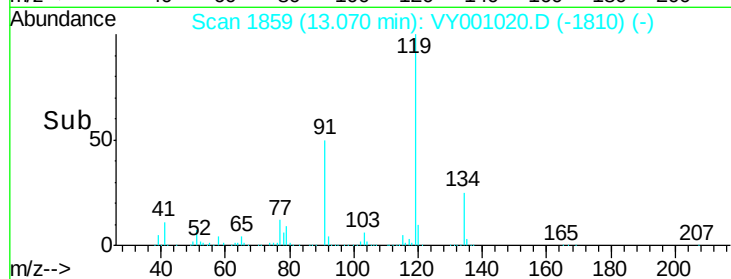
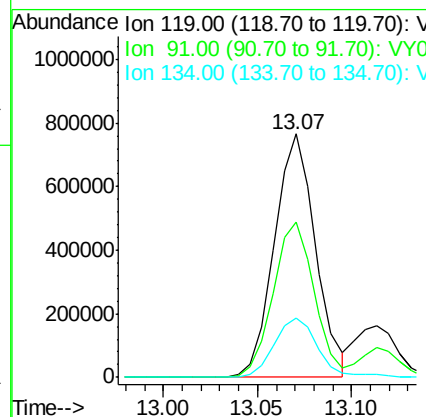
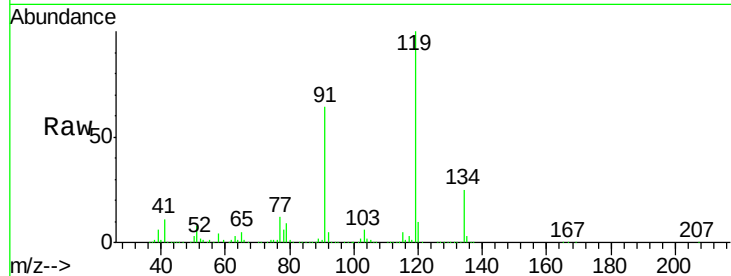
#83
 tert-Butylbenzene
 Concen: 93.434 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.9	95.7
134	26.2	13.6	40.7

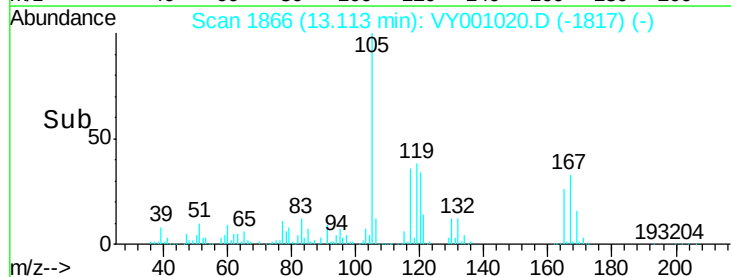
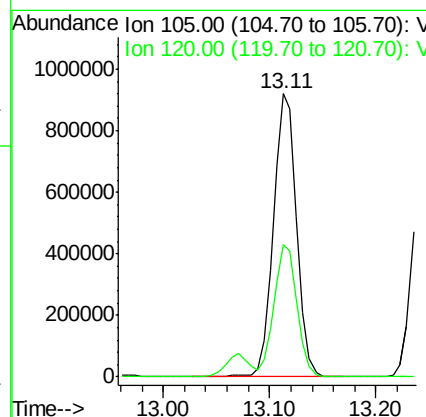
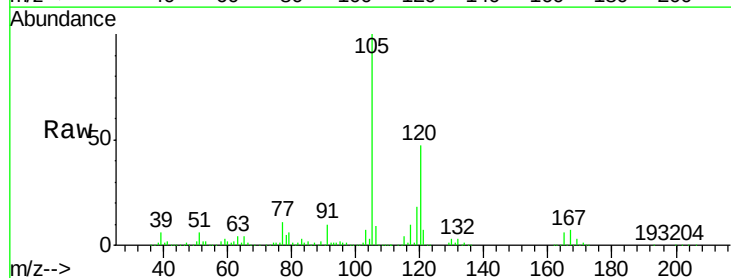
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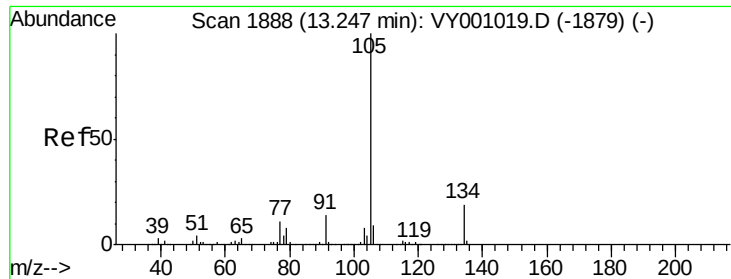
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#84
 1,2,4-Trimethylbenzene
 Concen: 93.503 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.2





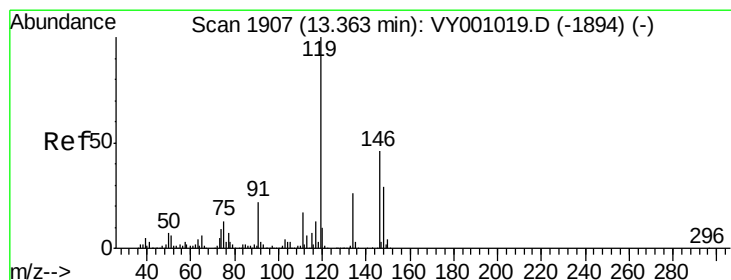
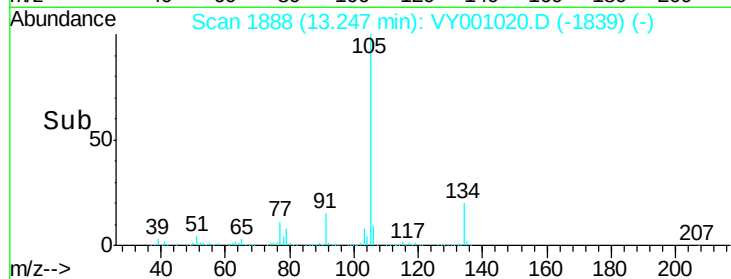
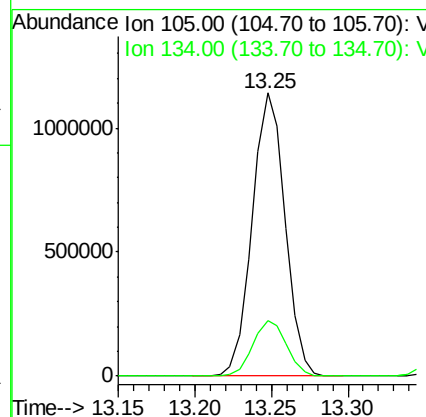
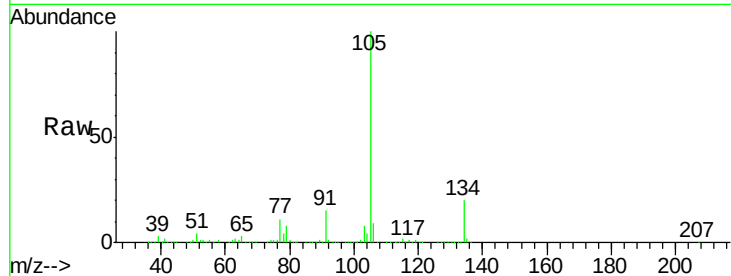
#85
 sec-Butylbenzene
 Concen: 92.707 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1700708
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

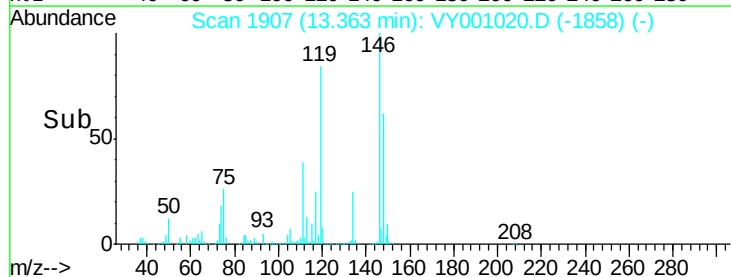
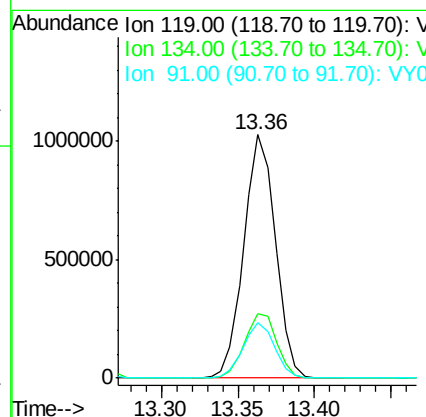
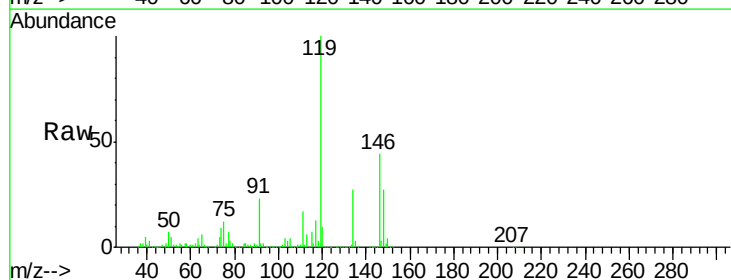
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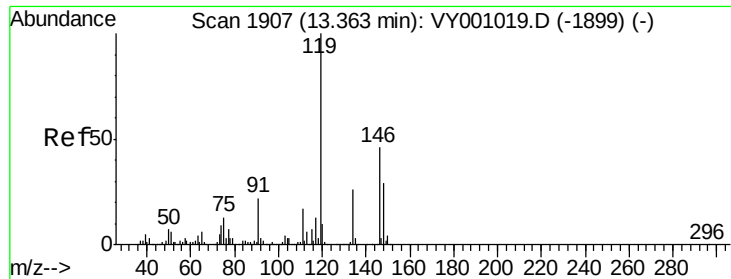
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#86
 p-Isopropyltoluene
 Concen: 92.452 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion:119 Resp: 1474263
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 91.870 ug/l

RT: 13.36 min Scan# 1906

Delta R.T. -0.01 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

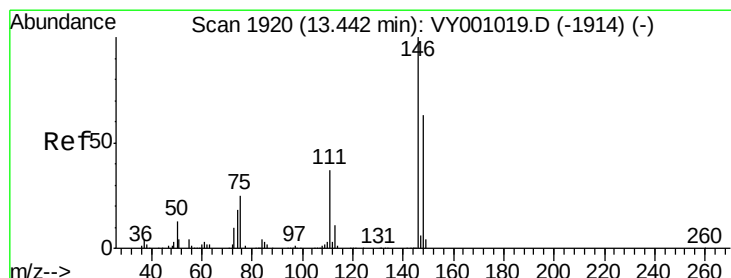
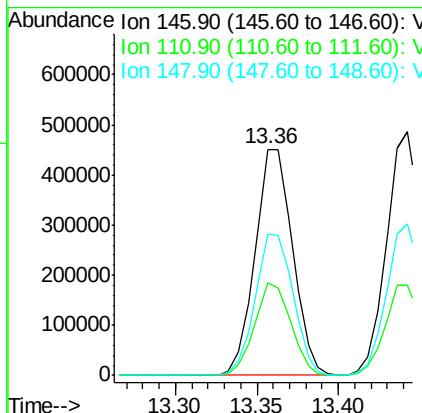
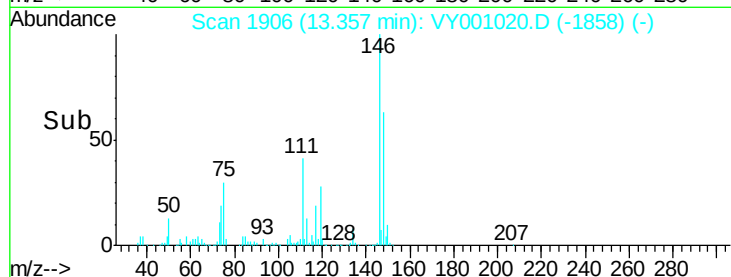
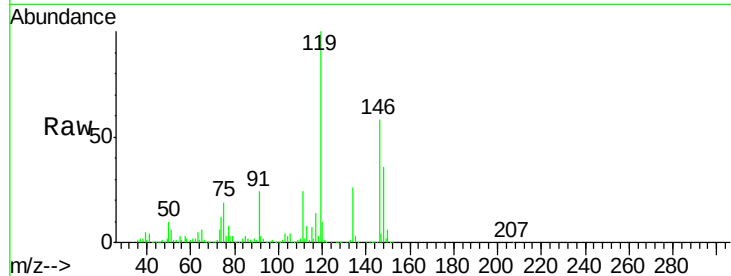
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	63.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 93.307 ug/l

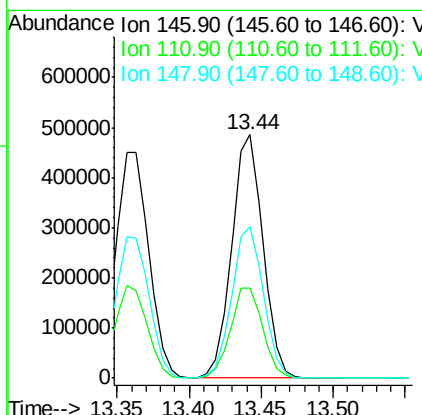
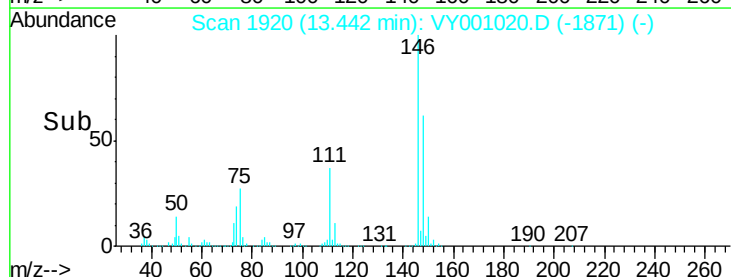
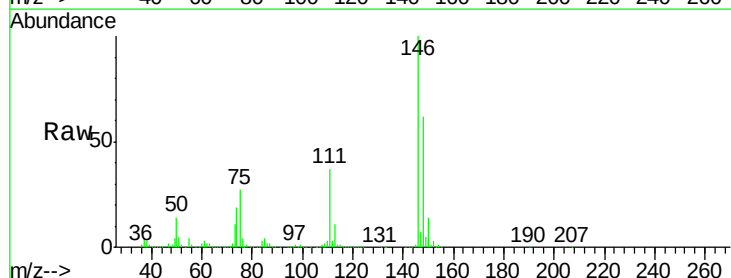
RT: 13.44 min Scan# 1920

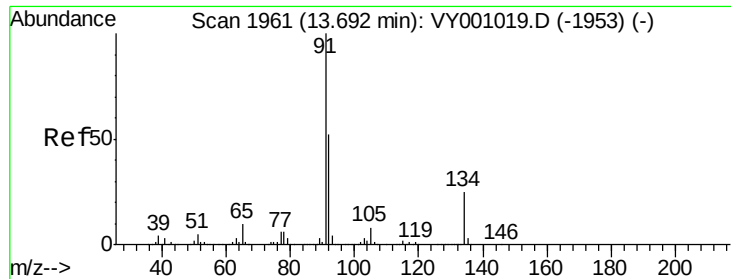
Delta R.T. 0.00 min

Lab File: VY001020.D

Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	63.0	31.8	95.3





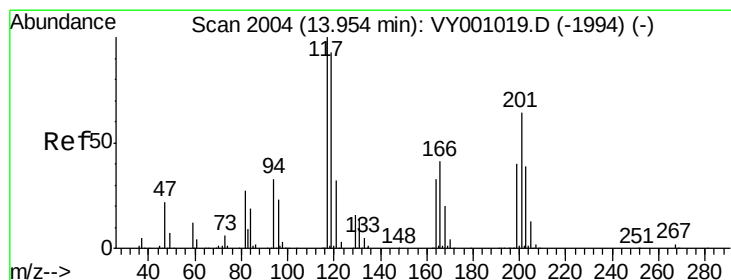
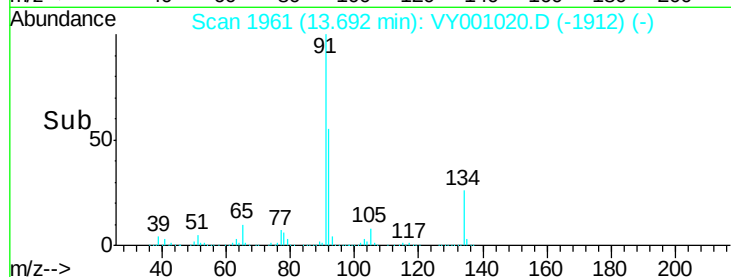
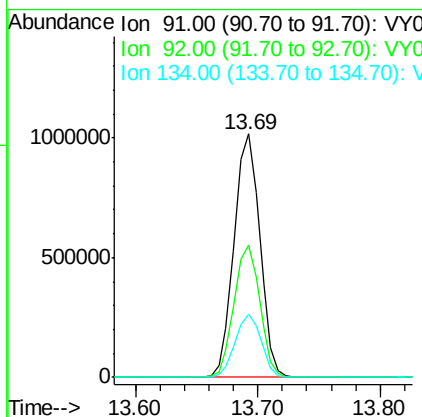
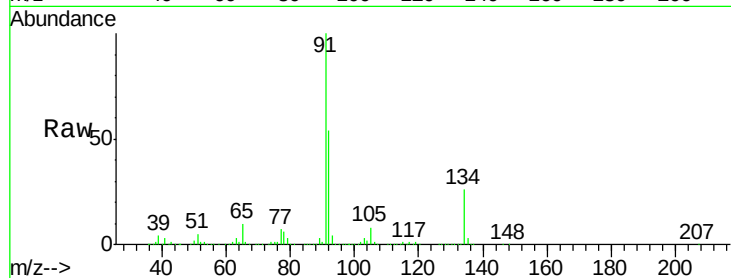
#89
n-Butylbenzene
Concen: 92.029 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1475651
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 25.9 12.7 38.0

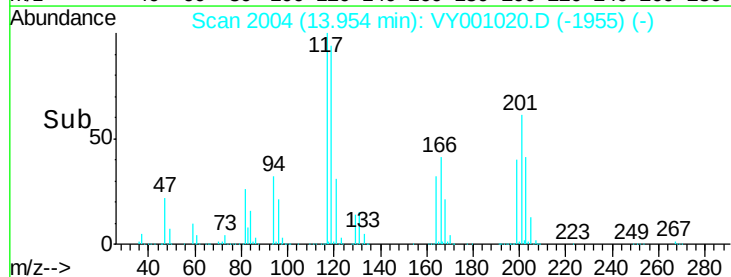
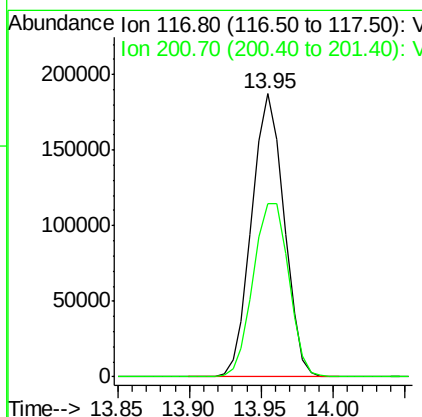
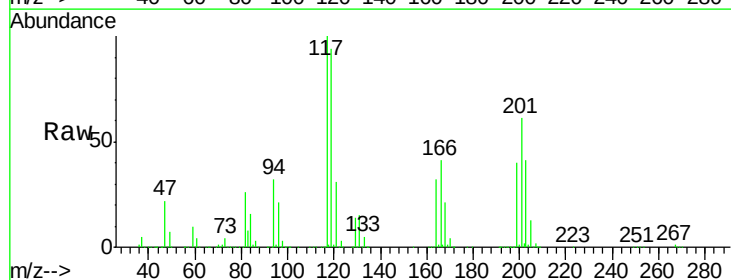
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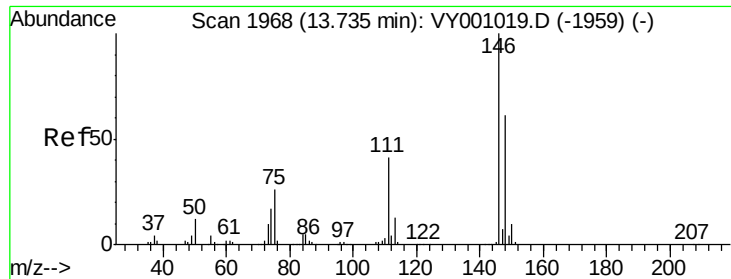
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#90
Hexachloroethane
Concen: 99.281 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion: 117 Resp: 290997
Ion Ratio Lower Upper
117 100
201 67.5 33.7 101.1





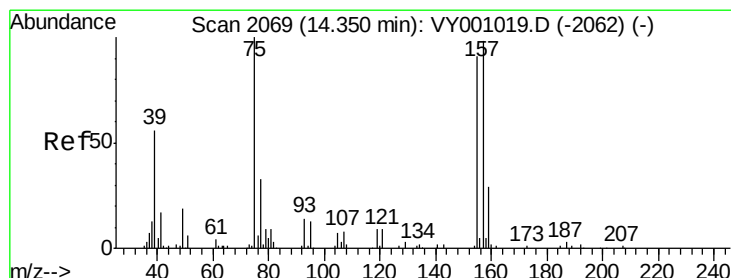
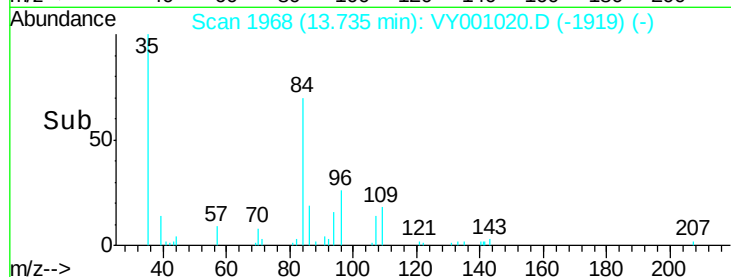
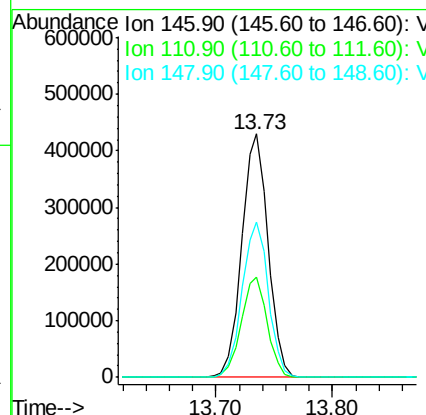
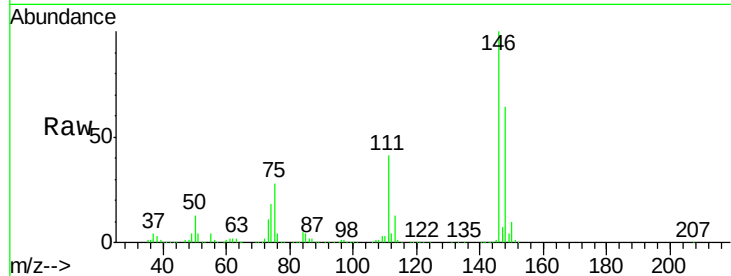
#91
 1,2-Dichlorobenzene
 Concen: 93.581 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	63.5	31.6	94.7

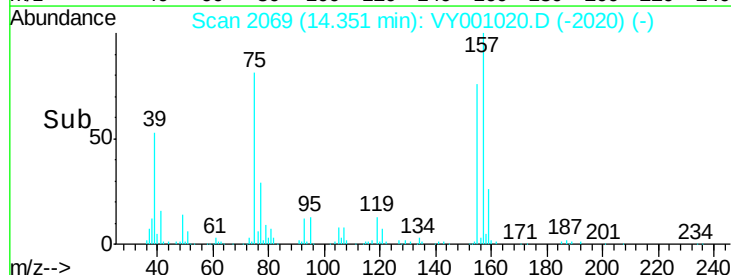
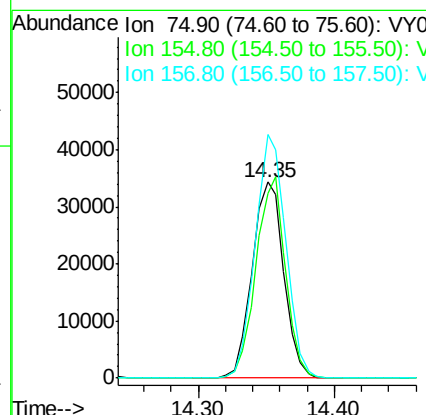
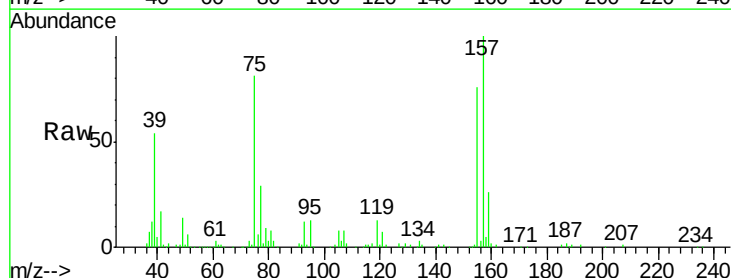
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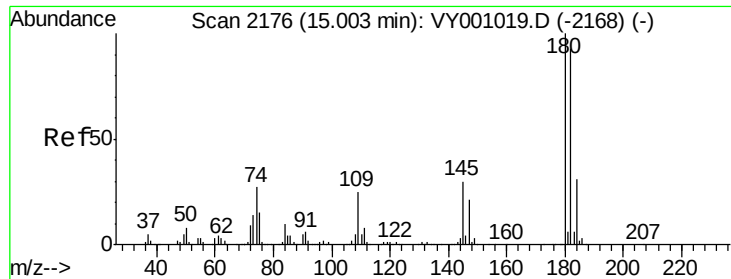
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.919 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.3	138.9
157	120.2	58.1	174.4





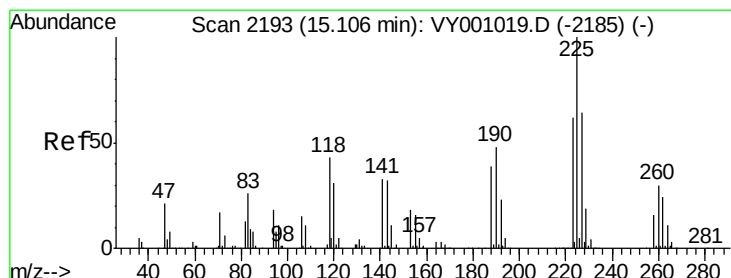
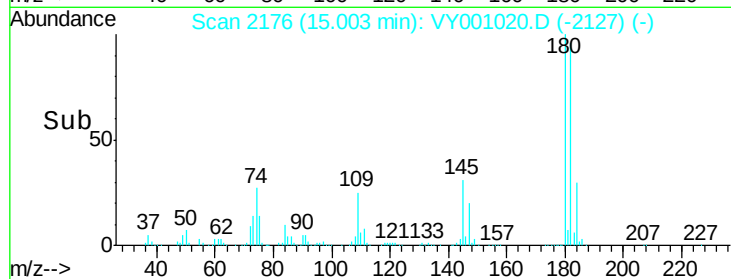
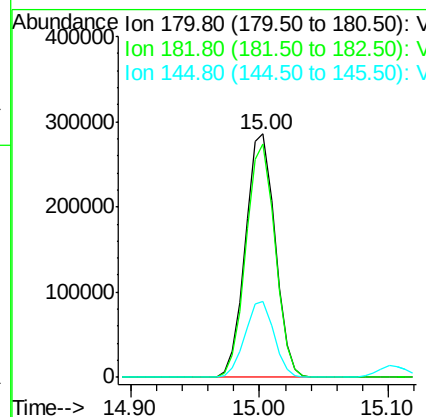
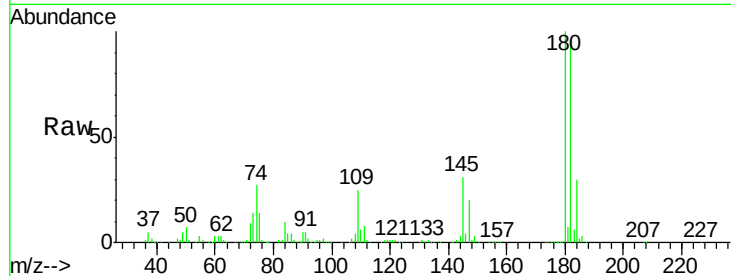
#93
 1,2,4-Trichlorobenzene
 Concen: 92.782 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	452450		
182	93.8	46.8	140.3	
145	30.8	15.3	45.9	

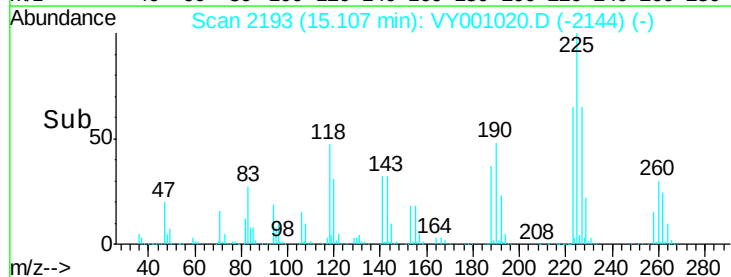
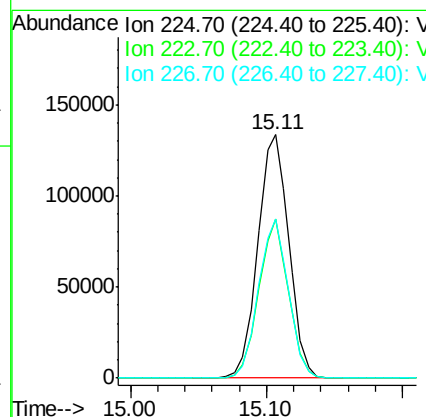
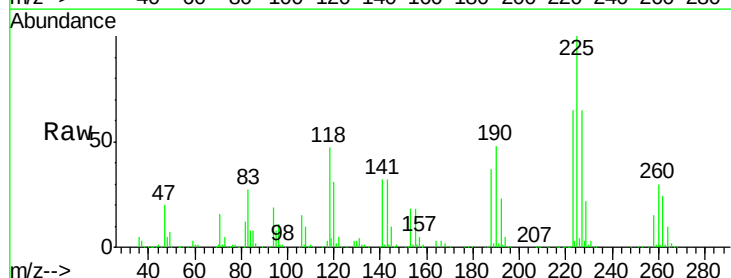
Manual Integrations
 APPROVED

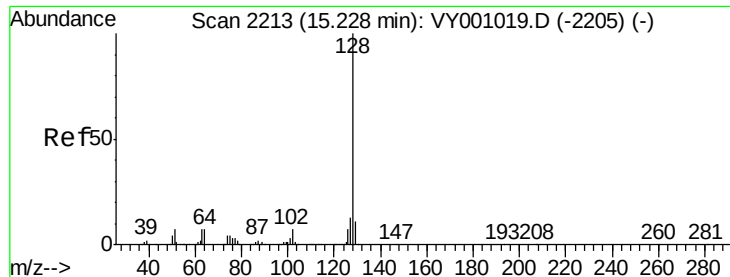
apatel
 12/24/2019 11:05:58 AM



#94
 Hexachlorobutadiene
 Concen: 91.386 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001020.D
 Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212817		
223	62.5	31.6	94.8	
227	63.2	31.9	95.5	





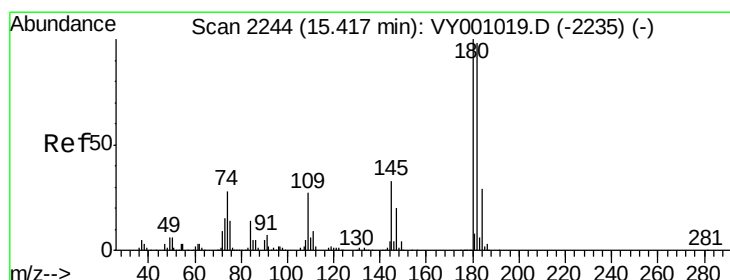
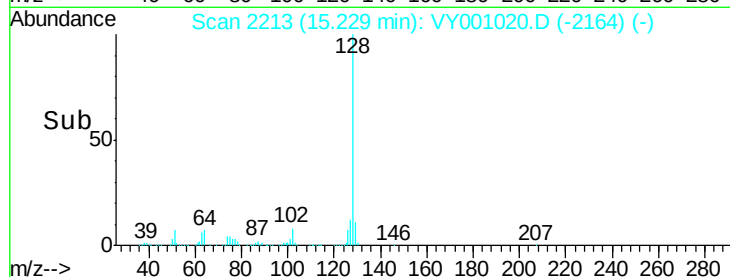
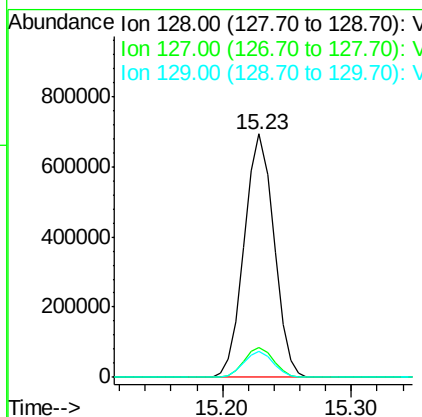
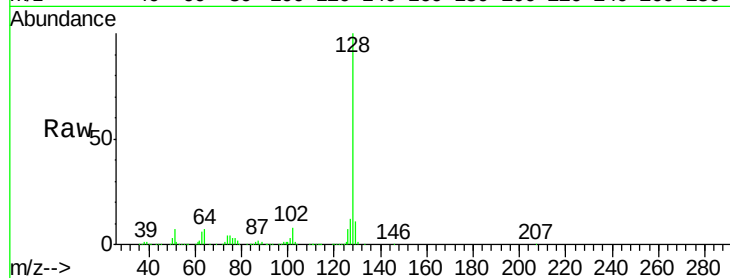
#95
Naphthalene
Concen: 98.475 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	10.7	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 93.686 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001020.D
Acq: 23 Dec 2019 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	32.4	16.3	48.9

