

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001016.D
 Acq On : 23 Dec 2019 09:40
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 12/24/2019 11:05:18 AM

Quant Time: Dec 23 11:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 11:25:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	319396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	559490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	490973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	16296	5.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.30%	
35) Dibromofluoromethane	7.72	113	16398	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
50) Toluene-d8	10.17	98	70092	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
62) 4-Bromofluorobenzene	12.48	95	27254	5.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	13707	4.606	ug/l 97
3) Chloromethane	2.12	50	20841	5.334	ug/l 96
4) Vinyl Chloride	2.25	62	18926	4.969	ug/l 90
5) Bromomethane	2.65	94	12852	5.554	ug/l 91
6) Chloroethane	2.80	64	12271	5.212	ug/l # 86
7) Trichlorofluoromethane	3.13	101	28741	5.224	ug/l 88
8) Diethyl Ether	3.53	74	11347	5.194	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	18530	5.200	ug/l 96
10) Methyl Iodide	4.09	142	24064	5.034	ug/l 100
11) Tert butyl alcohol	4.97	59	9808	28.306	ug/l # 92
12) 1,1-Dichloroethene	3.88	96	18838	5.263	ug/l 94
13) Acrolein	3.73	56	10829	27.881	ug/l 94
14) Allyl chloride	4.49	41	29357	5.106	ug/l 95
15) Acrylonitrile	5.18	53	28100	25.509	ug/l 95
16) Acetone	3.95	43	20528	27.921	ug/l 93
17) Carbon Disulfide	4.19	76	59179	5.079	ug/l # 93
18) Methyl Acetate	4.49	43	15095	5.198	ug/l # 77
19) Methyl tert-butyl Ether	5.22	73	48516	5.198	ug/l # 90
20) Methylene Chloride	4.72	84	25502	6.005	ug/l # 85
21) trans-1,2-Dichloroethene	5.22	96	20697	5.206	ug/l 98
22) Diisopropyl ether	6.13	45	60258	5.171	ug/l 94
23) Vinyl Acetate	6.07	43	187098	25.612	ug/l 100
24) 1,1-Dichloroethane	6.02	63	36207	5.360	ug/l 96
25) 2-Butanone	6.99	43	33388	25.236	ug/l # 85
26) 2,2-Dichloropropane	6.98	77	31327	5.598	ug/l 95
27) cis-1,2-Dichloroethene	6.99	96	22521	5.153	ug/l 89
28) Bromochloromethane	7.34	49	13574	5.207	ug/l # 97
29) Tetrahydrofuran	7.35	42	24544	26.456	ug/l 98
30) Chloroform	7.51	83	34198	5.343	ug/l 98
31) Cyclohexane	7.79	56	42491	5.953	ug/l # 78
32) 1,1,1-Trichloroethane	7.71	97	28609	5.235	ug/l 99
36) 1,1-Dichloropropene	7.92	75	28521	5.251	ug/l 99
37) Ethyl Acetate	7.08	43	16555	5.440	ug/l 98
38) Carbon Tetrachloride	7.91	117	24107	5.059	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	36346	5.044	ug/l	94
40) Benzene	8.16	78	86676	5.344	ug/l	98
41) Methacrylonitrile	7.31	41	6044m	2.143	ug/l	
42) 1,2-Dichloroethane	8.25	62	20497	5.174	ug/l	98
43) Isopropyl Acetate	8.28	43	28362	5.048	ug/l	99
44) Trichloroethene	8.94	130	23163	5.459	ug/l	96
45) 1,2-Dichloropropane	9.22	63	21502	5.281	ug/l	94
46) Dibromomethane	9.30	93	10429	4.973	ug/l	90
47) Bromodichloromethane	9.50	83	25431	5.190	ug/l	95
48) Methyl methacrylate	9.30	41	12211	5.059	ug/l	97
49) 1,4-Dioxane	9.30	88	3363	111.268	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	74639	25.334	ug/l	98
52) Toluene	10.24	92	52961	5.276	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	26192	4.931	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	33439	5.248	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	16153	5.155	ug/l	94
56) Ethyl methacrylate	10.51	69	21345	4.755	ug/l	93
57) 1,3-Dichloropropane	10.79	76	28979	5.287	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	52688	30.251	ug/l	95
59) 2-Hexanone	10.83	43	50115	24.193	ug/l	99
60) Dibromochloromethane	10.99	129	16094	4.802	ug/l	100
61) 1,2-Dibromoethane	11.08	107	15207	5.126	ug/l	93
64) Tetrachloroethene	10.72	164	23159	5.433	ug/l	95
65) Chlorobenzene	11.51	112	56931	5.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	17614	5.185	ug/l	97
67) Ethyl Benzene	11.59	91	99629	5.339	ug/l	100
68) m/p-Xylenes	11.70	106	74718	10.609	ug/l	98
69) o-Xylene	12.03	106	35630	5.365	ug/l	98
70) Styrene	12.04	104	58639	5.196	ug/l	99
71) Bromoform	12.20	173	8961	4.737	ug/l #	92
73) Isopropylbenzene	12.33	105	92521	5.242	ug/l	98
74) N-amyl acetate	12.14	43	22614	4.827	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	17293	5.009	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	15713m	4.151	ug/l	
77) Bromobenzene	12.60	156	20837	5.314	ug/l	98
78) n-propylbenzene	12.67	91	113283	5.279	ug/l	99
79) 2-Chlorotoluene	12.75	91	64979	5.471	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	76454	5.295	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	6216	4.768	ug/l #	87
82) 4-Chlorotoluene	12.85	91	65543	5.336	ug/l	97
83) tert-Butylbenzene	13.07	119	65618	5.375	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	76522	5.283	ug/l	99
85) sec-Butylbenzene	13.25	105	95174	5.328	ug/l	100
86) p-Isopropyltoluene	13.36	119	83218	5.375	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	41033	5.446	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	42010	5.543	ug/l	96
89) n-Butylbenzene	13.69	91	82323	5.265	ug/l	99
90) Hexachloroethane	13.95	117	14653	5.051	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	37216	5.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2956	5.108	ug/l	92

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ClientSampleId :
VSTDICC005

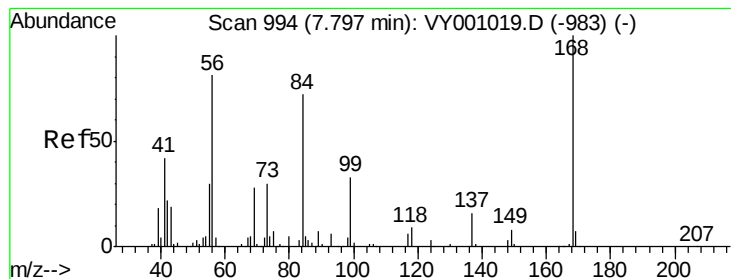
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	25782	5.523	ug/l	98
94) Hexachlorobutadiene	15.11	225	11654	5.237	ug/l	99
95) Naphthalene	15.23	128	57042	5.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	22434	5.406	ug/l	98

(#) = 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: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 319396

Ion Ratio Lower Upper

168 100

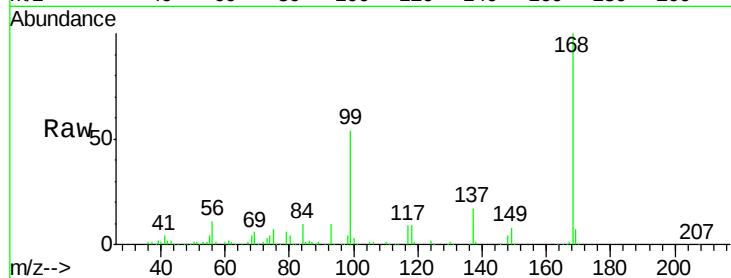
99 53.7 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001016.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001016.D (-945) (-)

7.80

150000

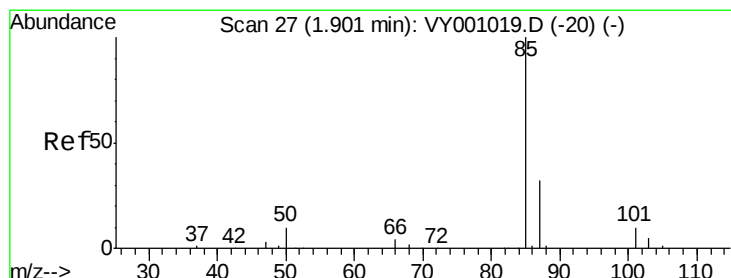
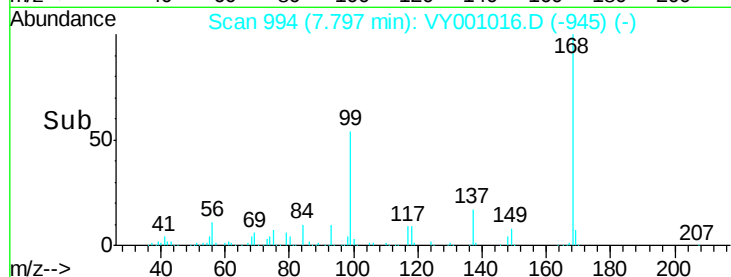
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.606 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001016.D

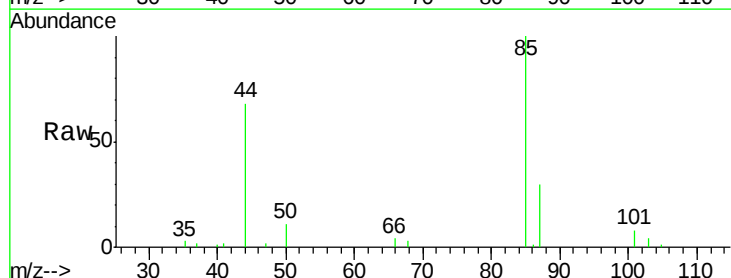
Acq: 23 Dec 2019 09:40

Tgt Ion: 85 Resp: 13707

Ion Ratio Lower Upper

85 100

87 30.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001016.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001016.D (-1) (-)

1.90

8000

6000

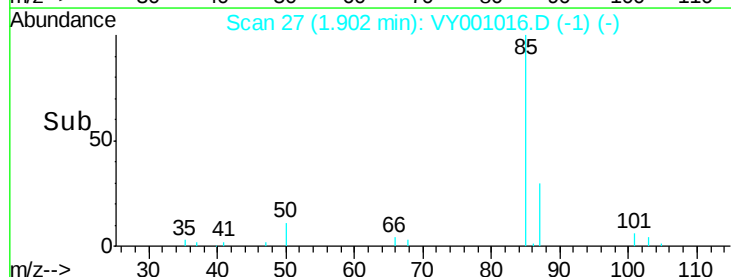
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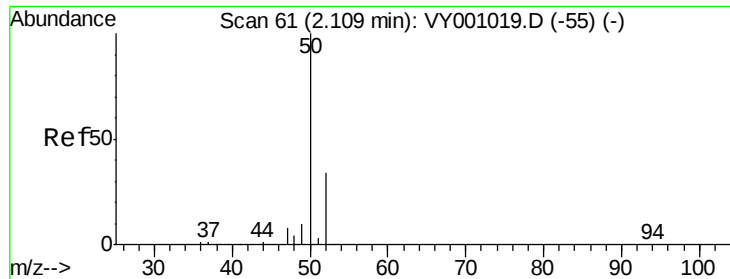
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 5.334 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 20841

Ion Ratio Lower Upper

50 100

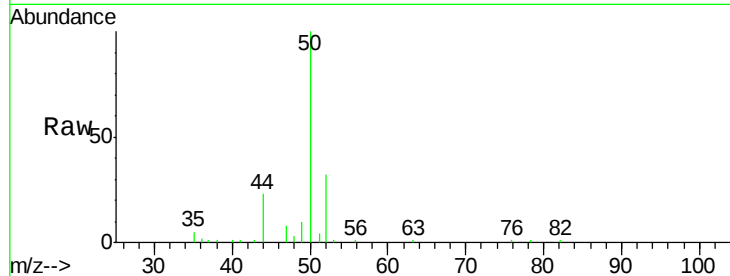
52 31.7 27.1 40.7

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Abundance Ion 49.90 (49.60 to 50.60): VY001016.D (-12) (-)

Ion 51.90 (51.60 to 52.60): VY001016.D (-12) (-)

2.12

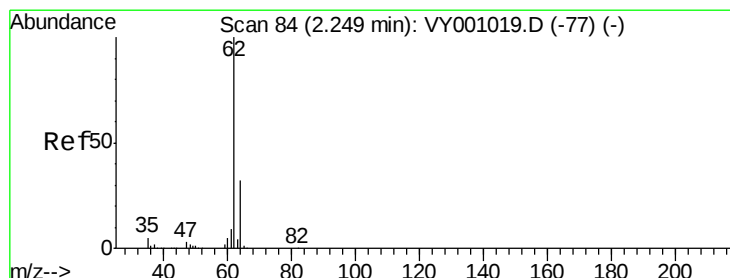
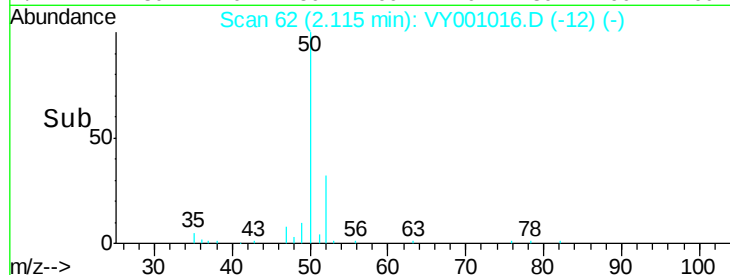
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 4.969 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001016.D

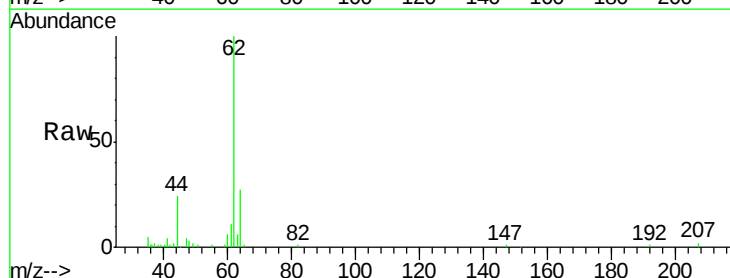
Acq: 23 Dec 2019 09:40

Tgt Ion: 62 Resp: 18926

Ion Ratio Lower Upper

62 100

64 26.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY001016.D (-35) (-)

Ion 63.90 (63.60 to 64.60): VY001016.D (-35) (-)

2.25

12000

10000

8000

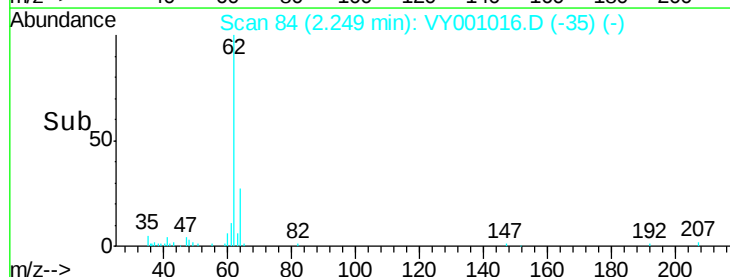
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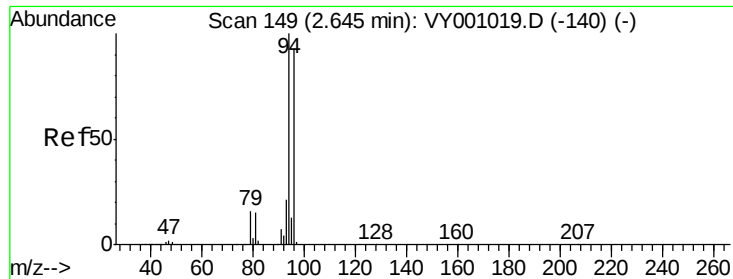
4000

2000

0

Time-->





#5

Bromomethane

Concen: 5.554 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 12852

Ion Ratio Lower Upper

94 100

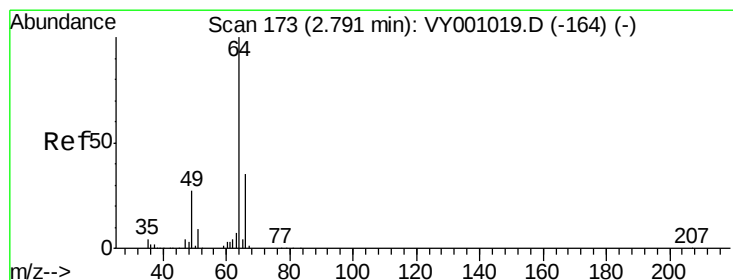
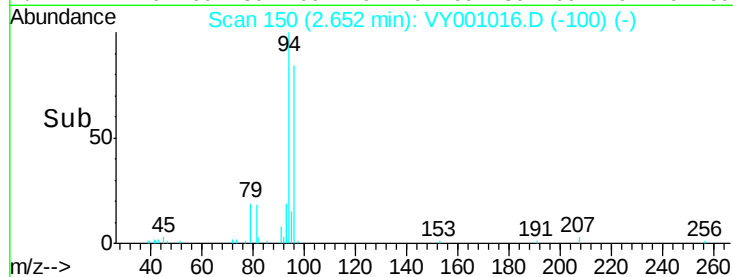
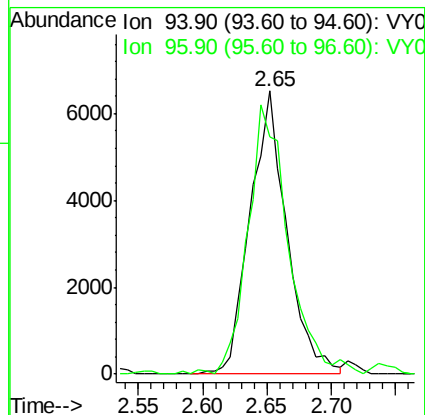
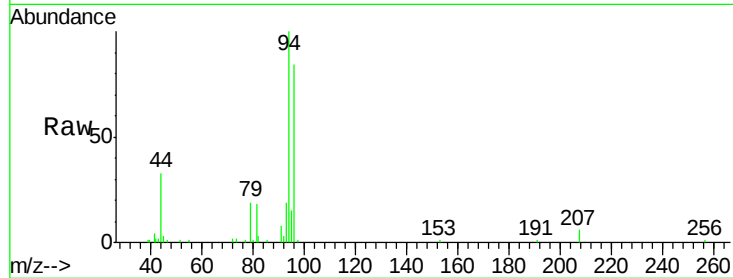
96 83.9 74.2 111.4

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#6

Chloroethane

Concen: 5.212 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001016.D

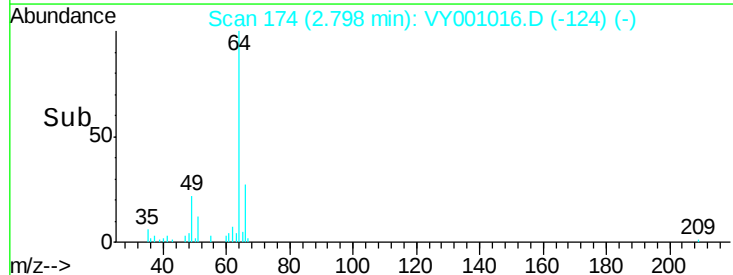
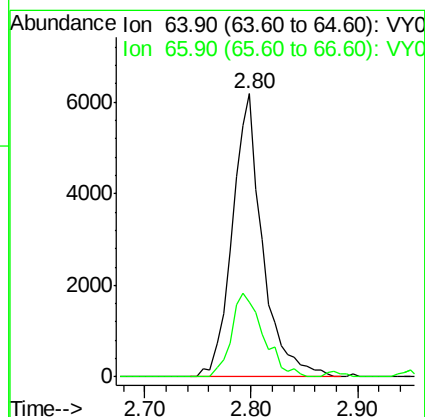
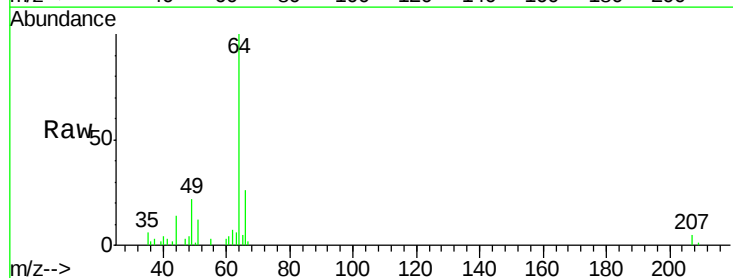
Acq: 23 Dec 2019 09:40

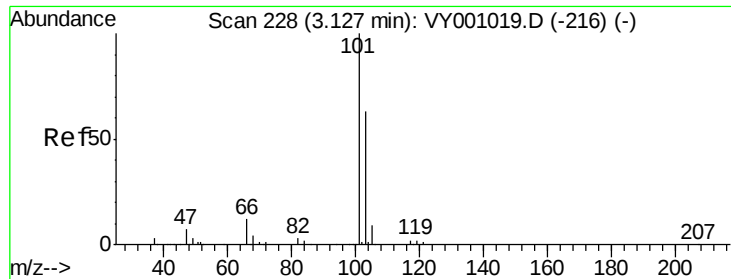
Tgt Ion: 64 Resp: 12271

Ion Ratio Lower Upper

64 100

66 26.4 27.8 41.6#





#7

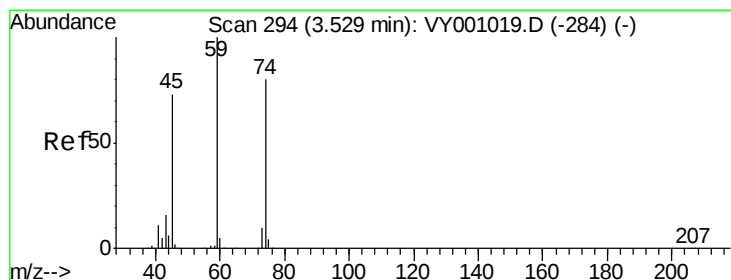
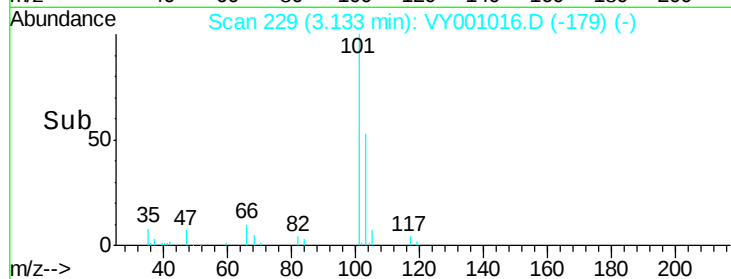
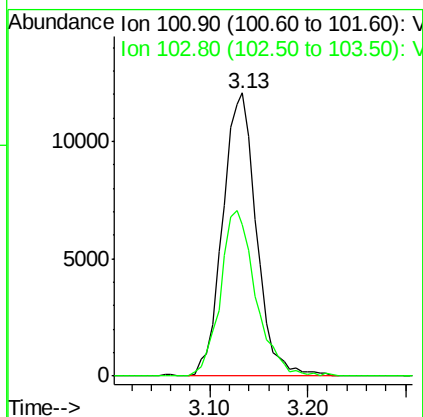
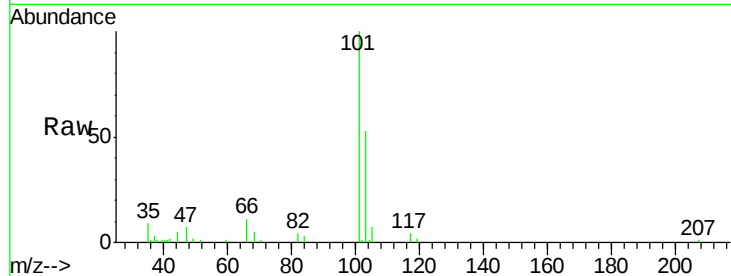
Trichlorofluoromethane
Concen: 5.224 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	53.3	50.2	75.2

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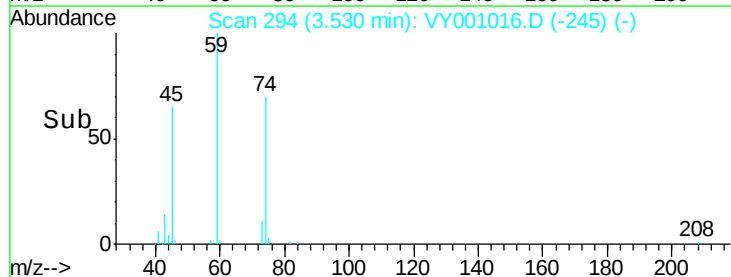
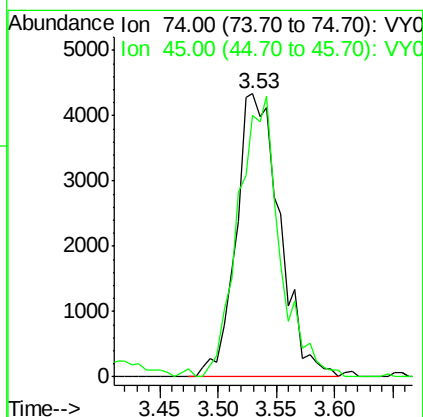
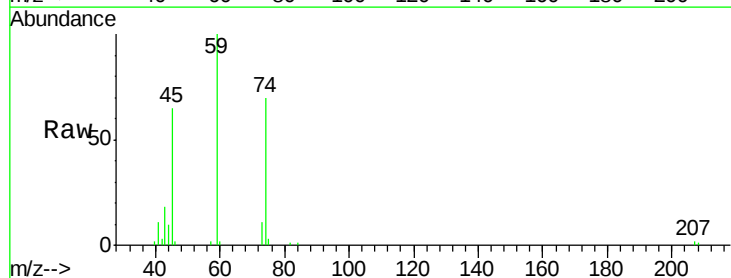
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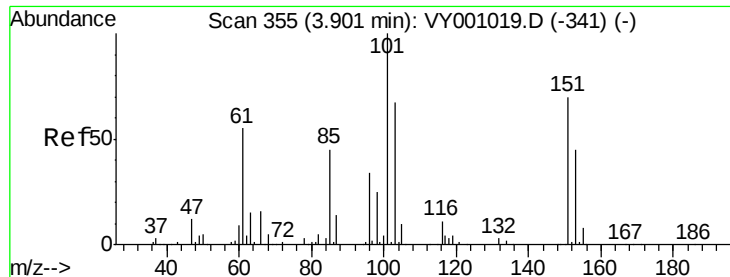


#8

Diethyl Ether
Concen: 5.194 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.200 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

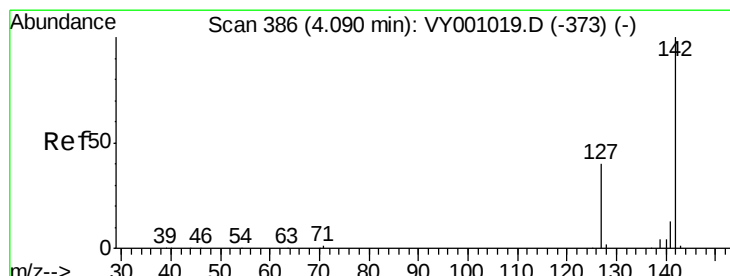
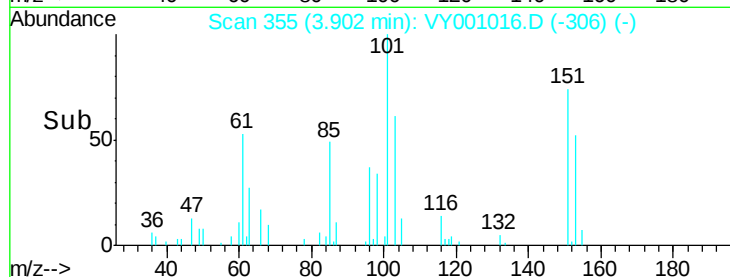
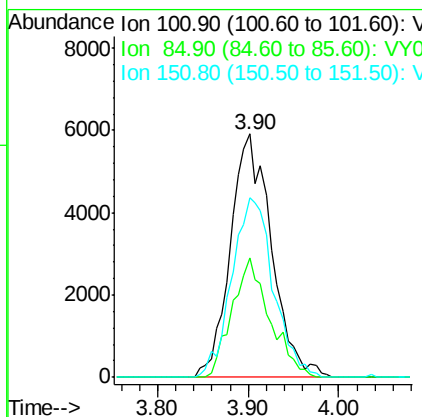
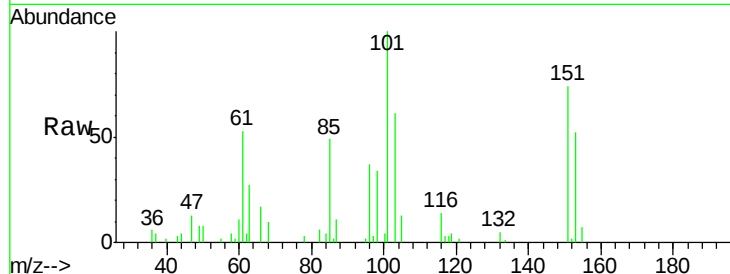
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	18530
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.2	51.2
151	75.0	57.0	85.6

Manual Integrations
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#10

Methyl Iodide

Concen: 5.034 ug/l

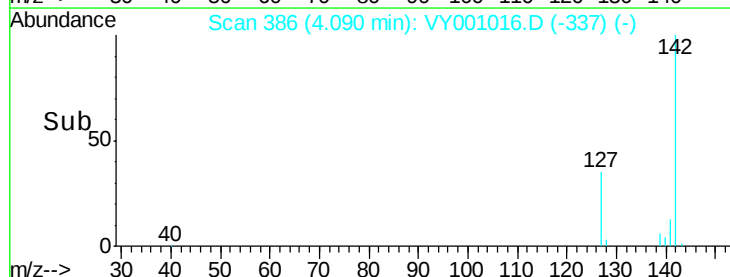
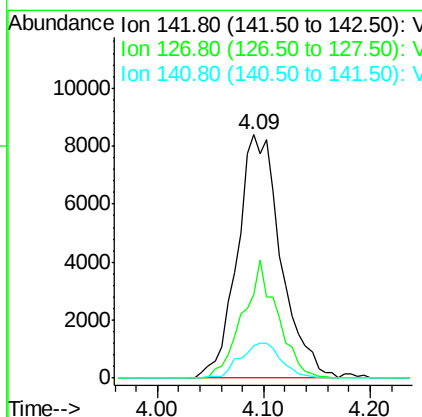
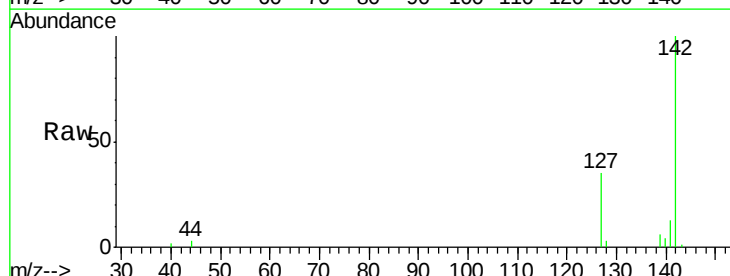
RT: 4.09 min Scan# 386

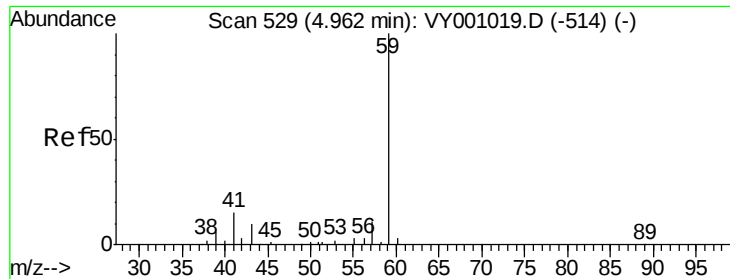
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	142	Resp:	24064
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.2	46.8
141	13.7	11.0	16.4





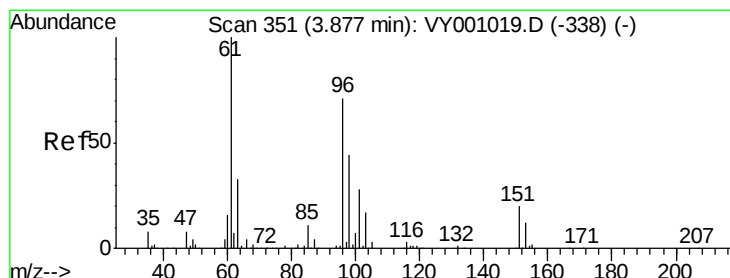
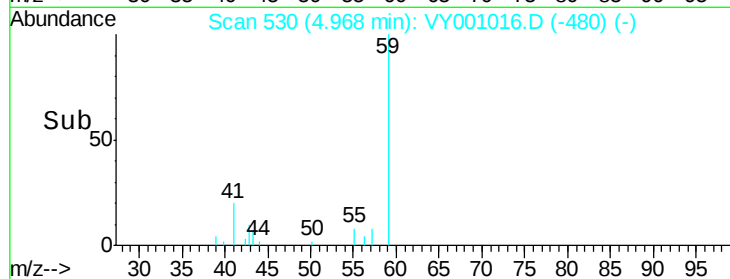
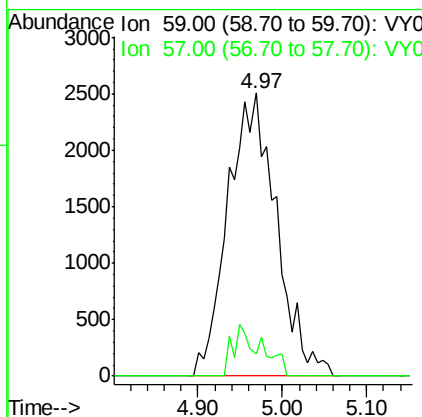
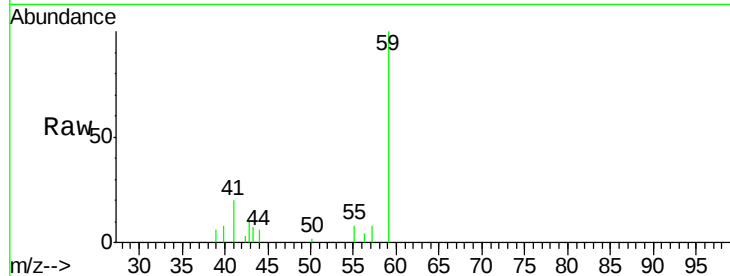
#11
Tert butyl alcohol
Concen: 28.306 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
59	100	9808		
57	6.7		7.8	11.6#

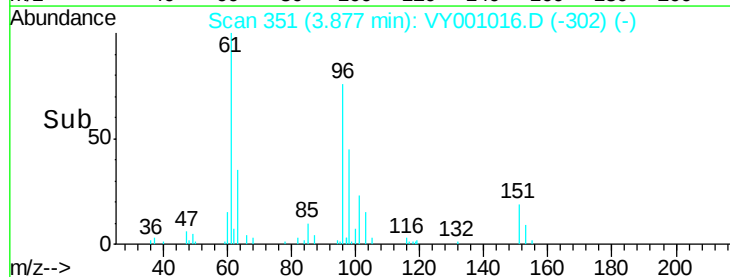
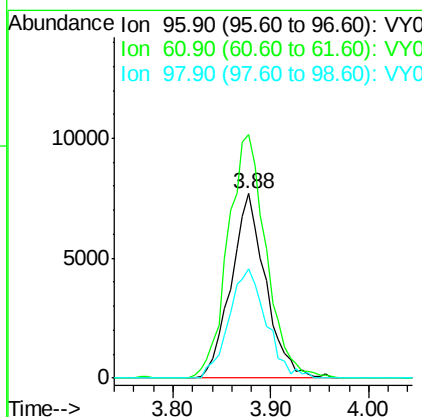
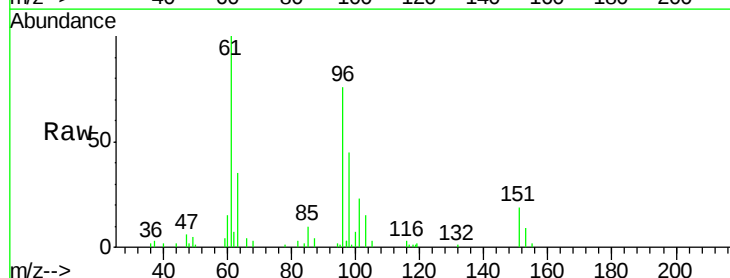
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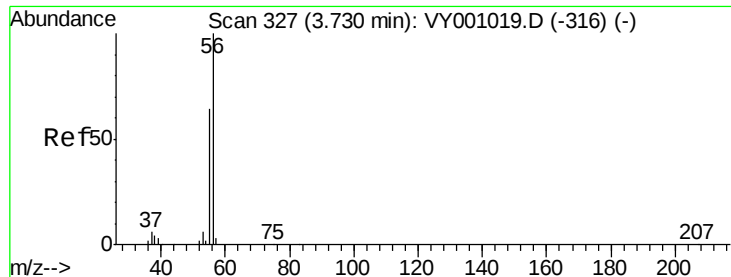
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#12
1,1-Dichloroethene
Concen: 5.263 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	18838		
61	132.0		113.0	169.4
98	59.5		49.8	74.8





#13

Acrolein

Concen: 27.881 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 10829

Ion Ratio Lower Upper

56 100

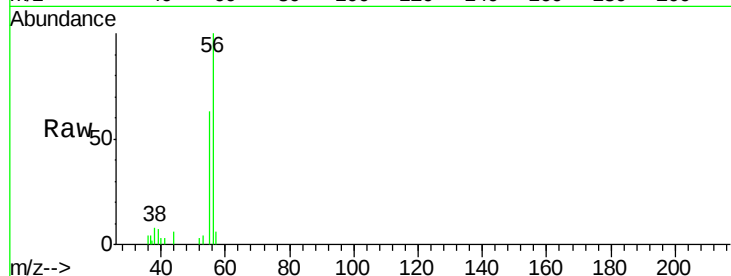
55 74.8 55.6 83.4

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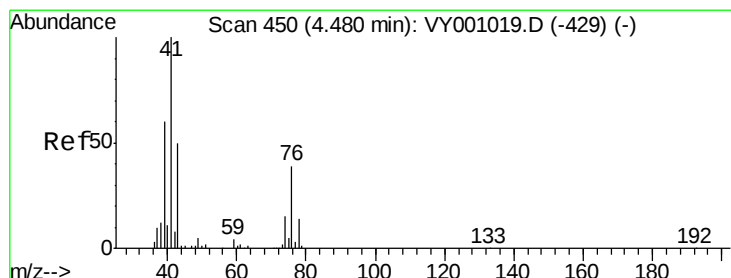
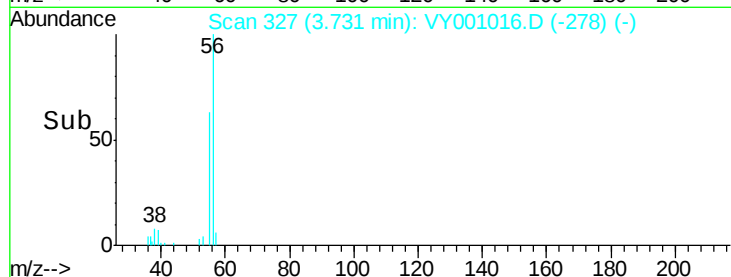
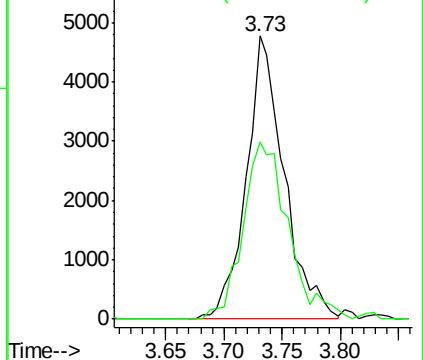
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 5.106 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

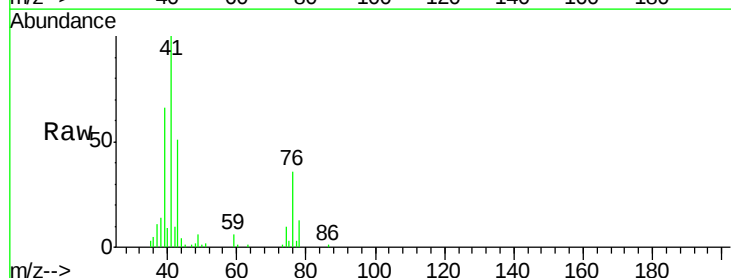
Tgt Ion: 41 Resp: 29357

Ion Ratio Lower Upper

41 100

39 62.0 46.0 69.0

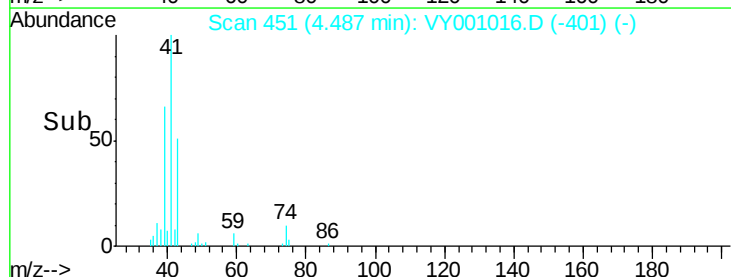
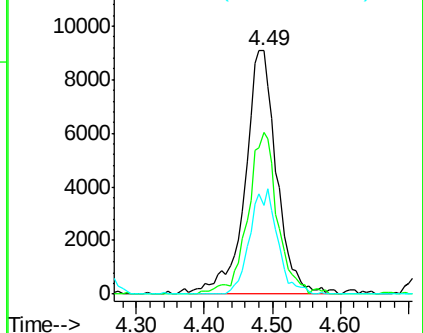
76 37.8 32.6 48.8

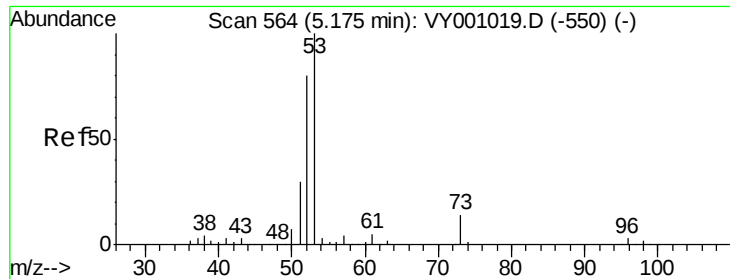


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 25.509 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

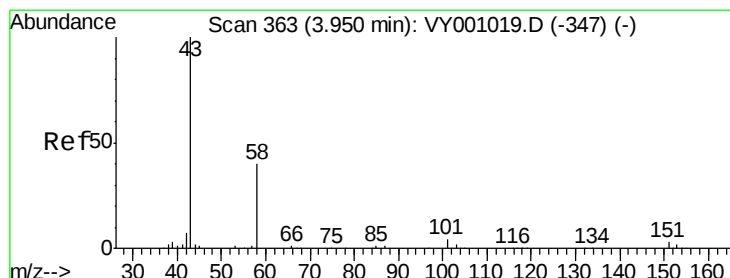
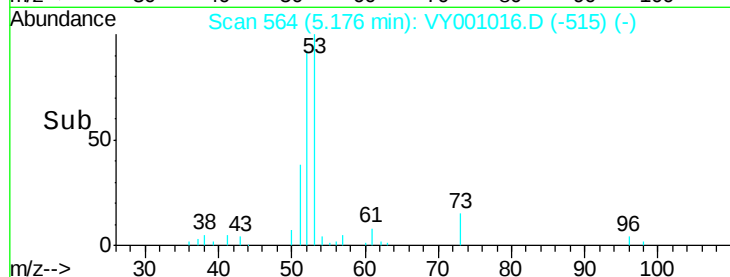
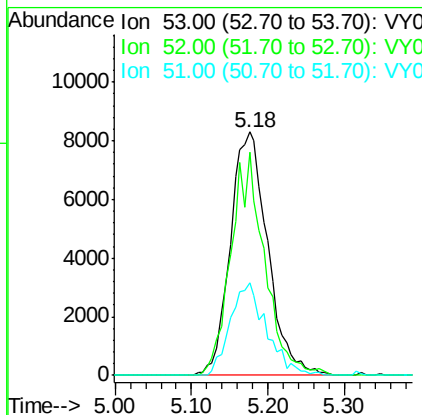
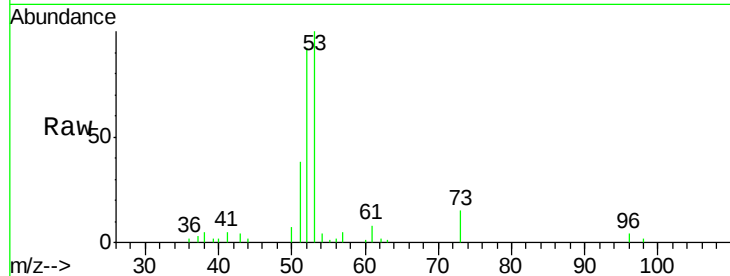
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	28100
Ion	Ratio	Lower	Upper
53	100		
52	82.9	63.6	95.4
51	36.9	26.7	40.1

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#16

Acetone

Concen: 27.921 ug/l

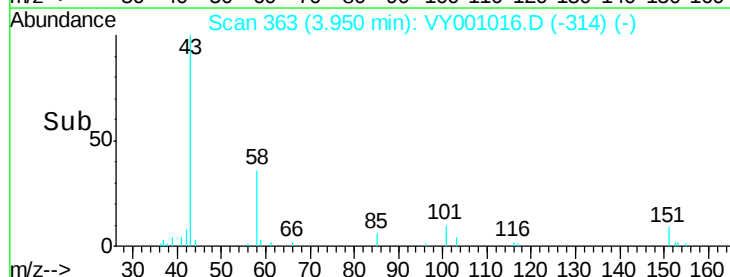
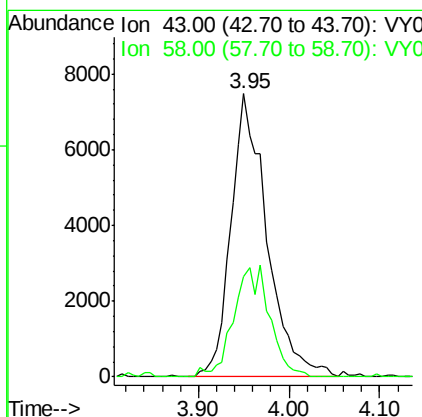
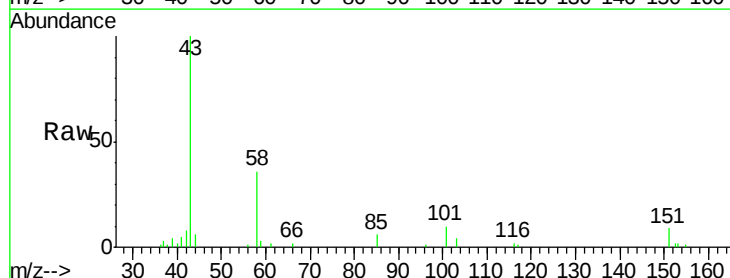
RT: 3.95 min Scan# 363

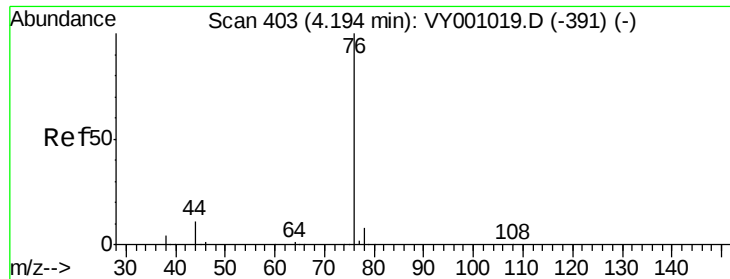
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	43	Resp:	20528
Ion	Ratio	Lower	Upper
43	100		
58	35.6	32.1	48.1





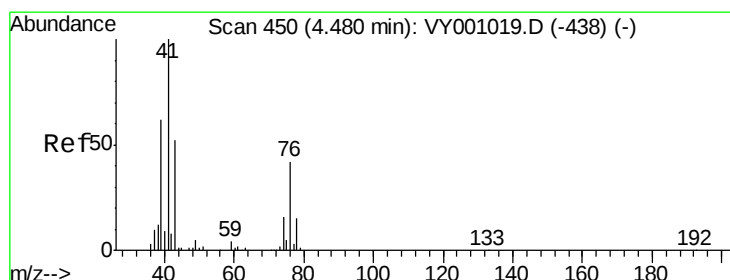
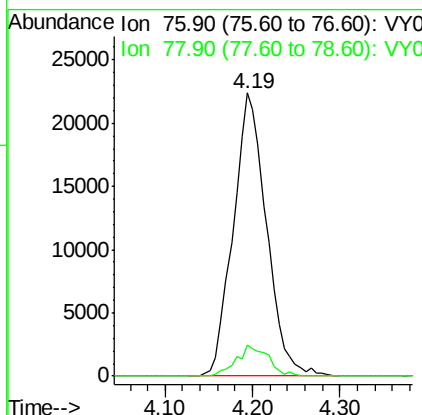
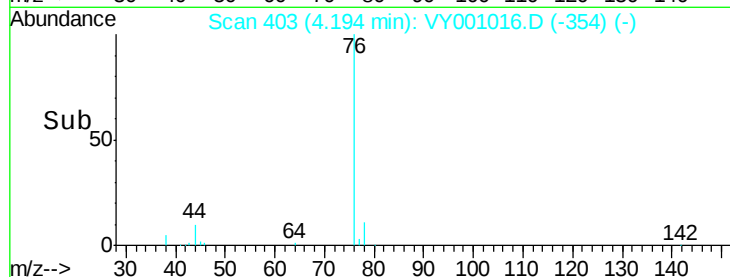
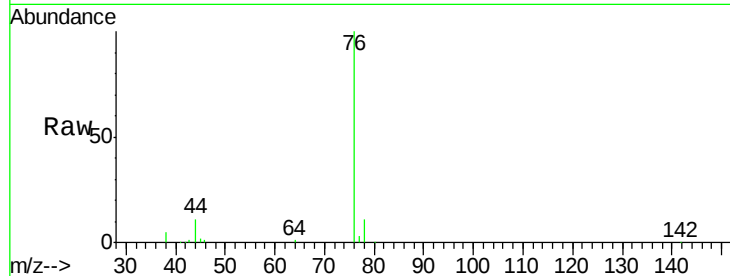
#17
Carbon Disulfide
Concen: 5.079 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 59179
Ion Ratio Lower Upper
76 100
78 11.0 6.7 10.1#

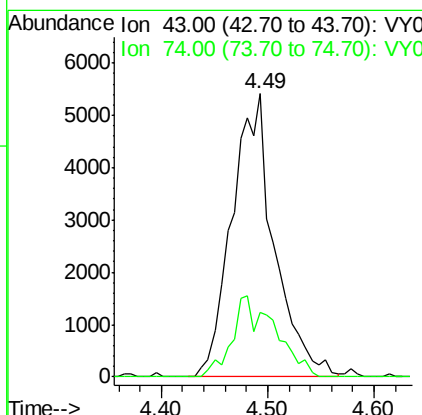
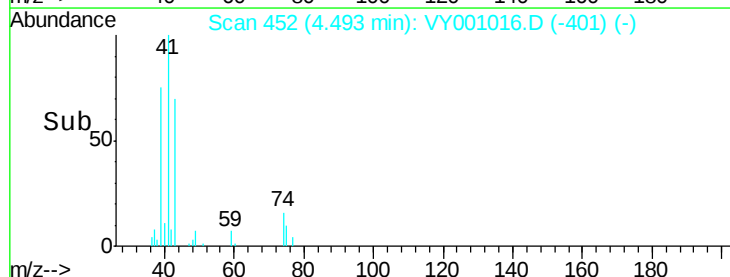
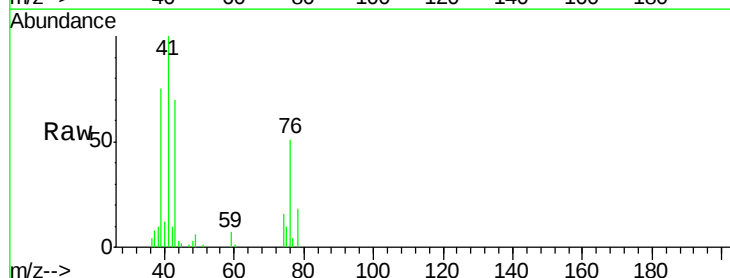
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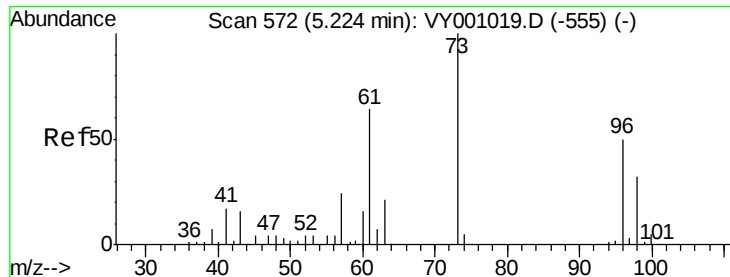
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#18
Methyl Acetate
Concen: 5.198 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion: 43 Resp: 15095
Ion Ratio Lower Upper
43 100
74 14.4 20.7 31.1#





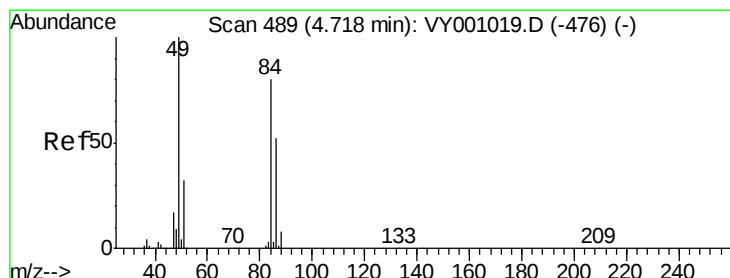
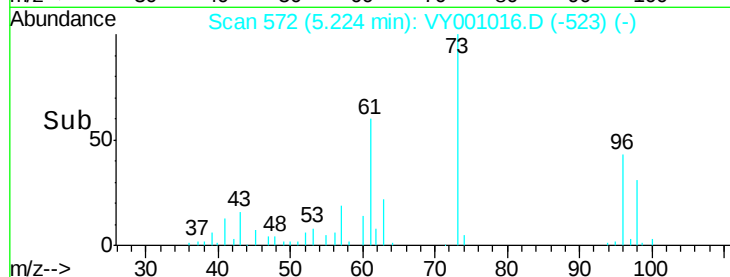
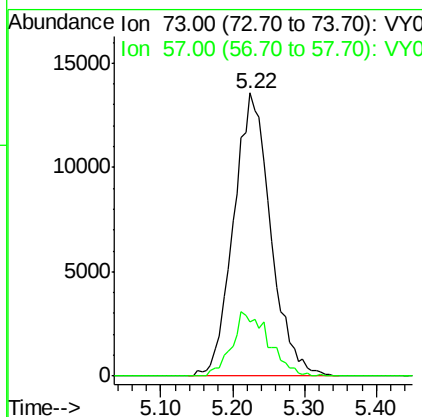
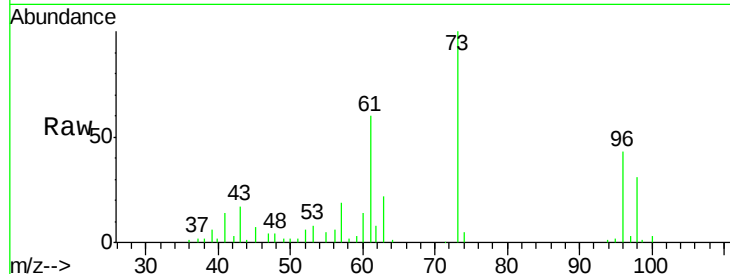
#19
Methvl tert-butvl Ether
Concen: 5.198 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 48516
Ion Ratio Lower Upper
73 100
57 19.0 19.0 28.6#

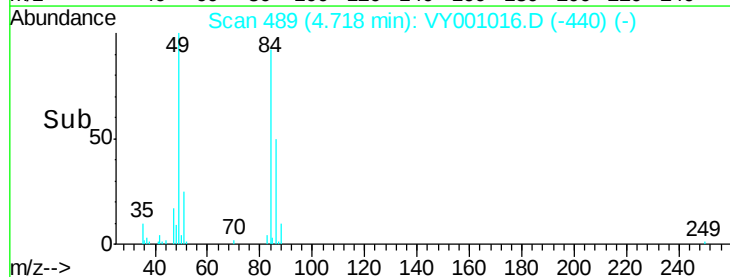
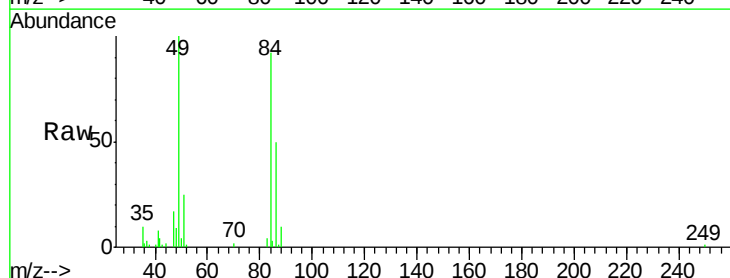
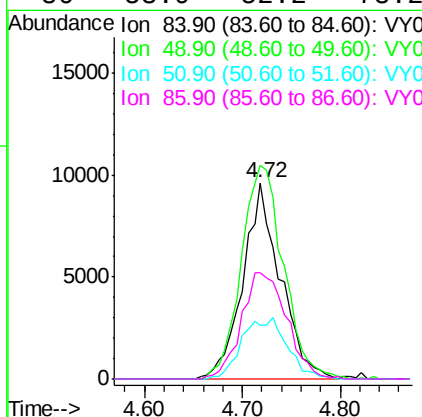
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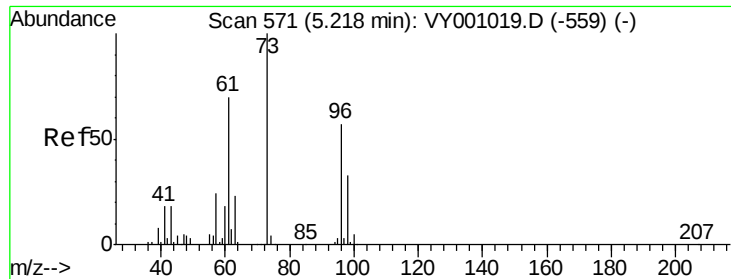
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#20
Methylene Chloride
Concen: 6.005 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion: 84 Resp: 25502
Ion Ratio Lower Upper
84 100
49 108.9 99.8 149.6
51 27.1 31.4 47.2#
86 53.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 5.206 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

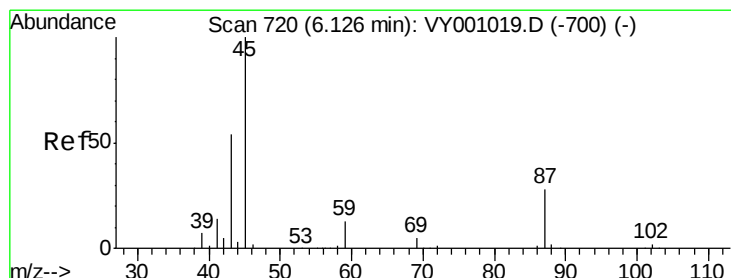
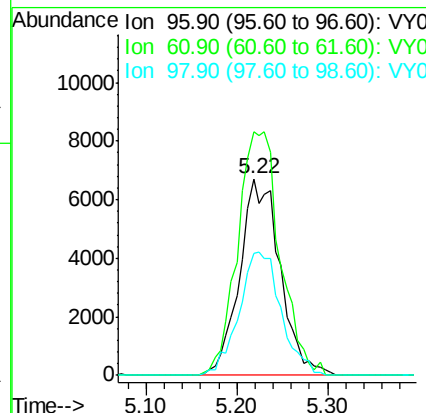
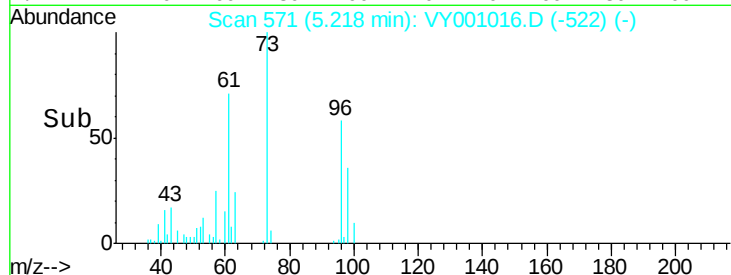
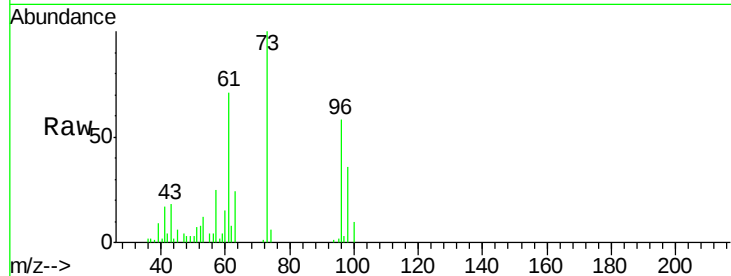
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	20697
Ion	Ratio	Lower	Upper
96	100		
61	123.7	98.1	147.1
98	61.7	47.2	70.8

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#22

Diisopropyl ether

Concen: 5.171 ug/l

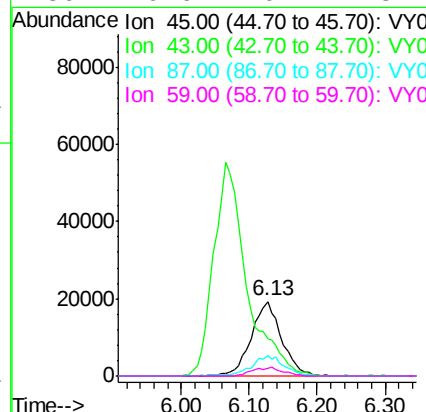
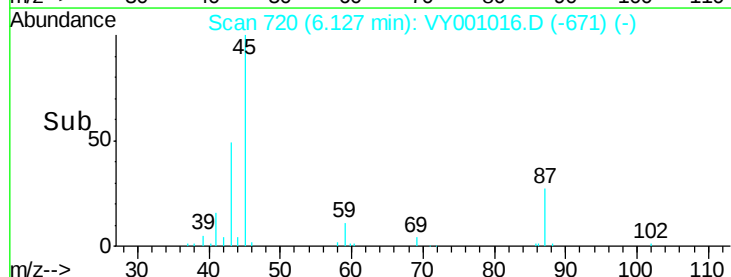
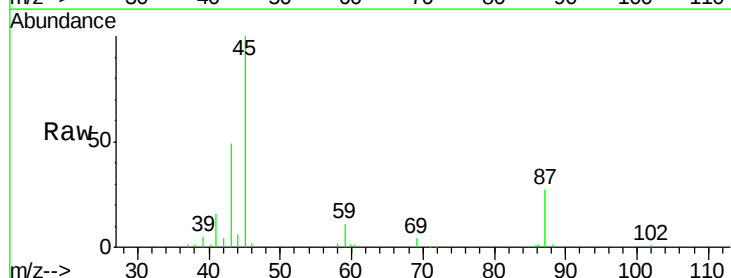
RT: 6.13 min Scan# 720

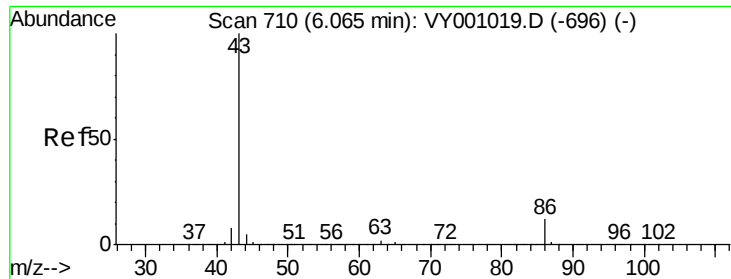
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	45	Resp:	60258
Ion	Ratio	Lower	Upper
45	100		
43	49.0	43.6	65.4
87	26.7	23.1	34.7
59	10.6	10.2	15.4





#23

Vinyl Acetate

Concen: 25.612 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 187098

Ion Ratio Lower Upper

43 100

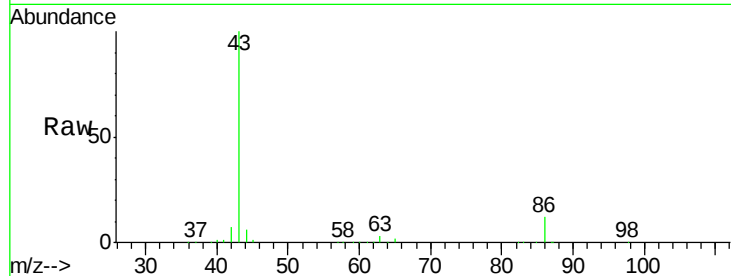
86 11.8 9.5 14.3

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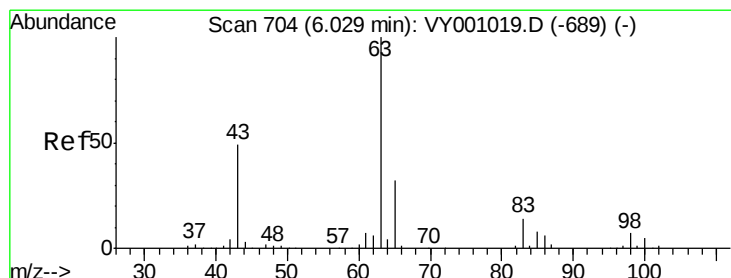
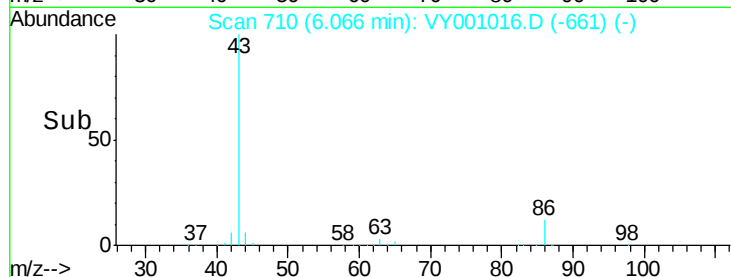
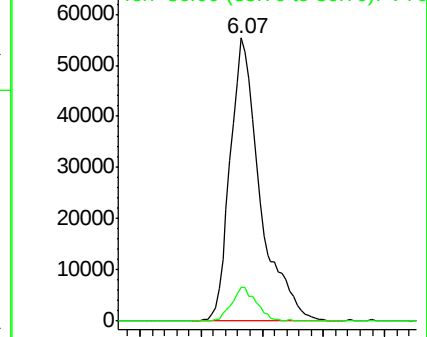
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 5.360 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

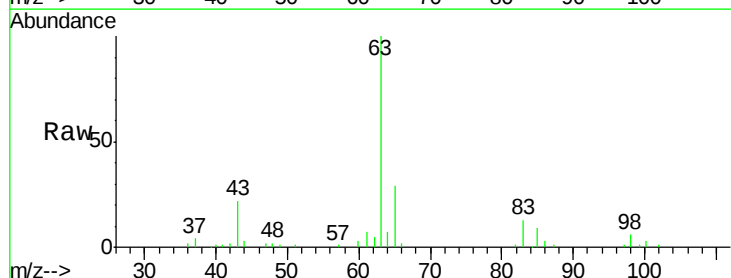
Tgt Ion: 63 Resp: 36207

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

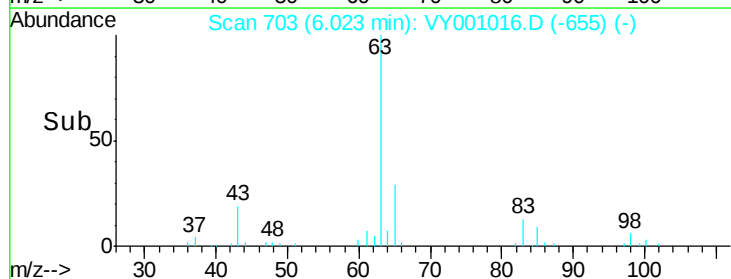
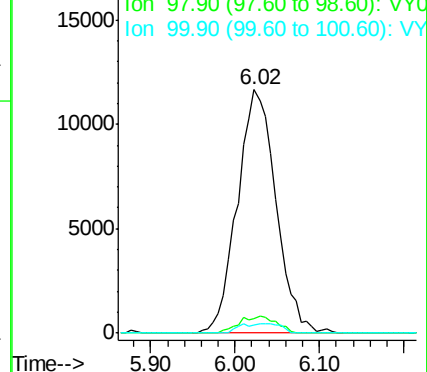
100 3.5 2.5 7.5

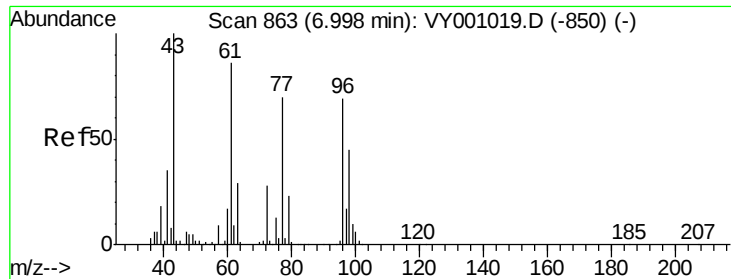


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 25.236 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 33388

Ion Ratio Lower Upper

43 100

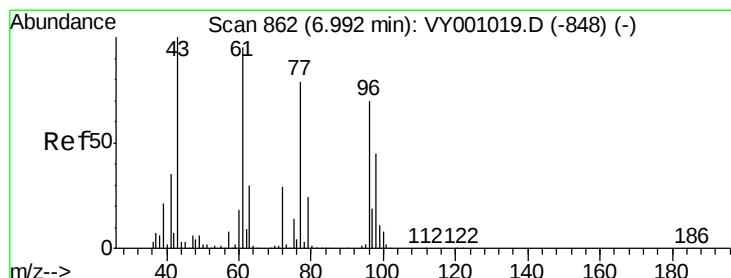
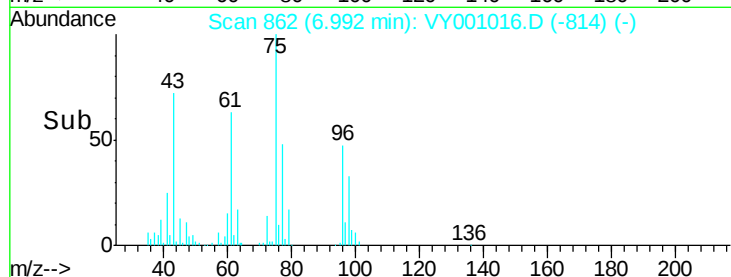
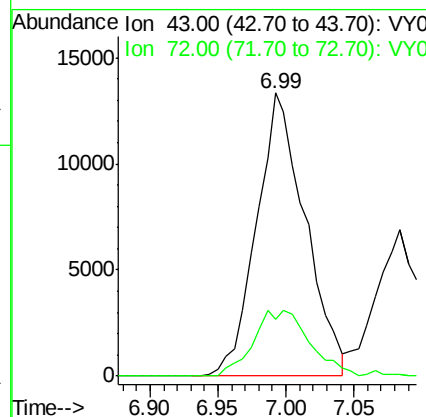
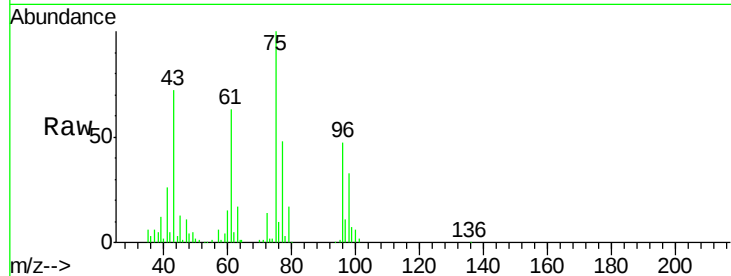
72 20.0 22.4 33.6#

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#26

2,2-Dichloropropane

Concen: 5.598 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.01 min

Lab File: VY001016.D

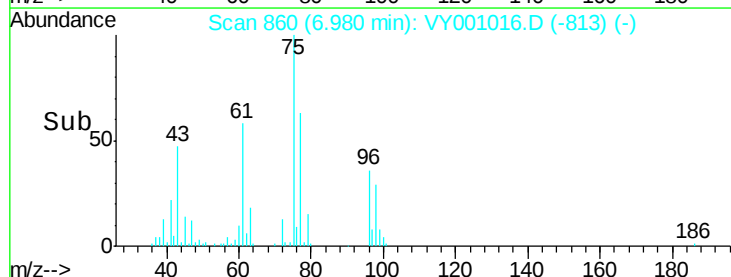
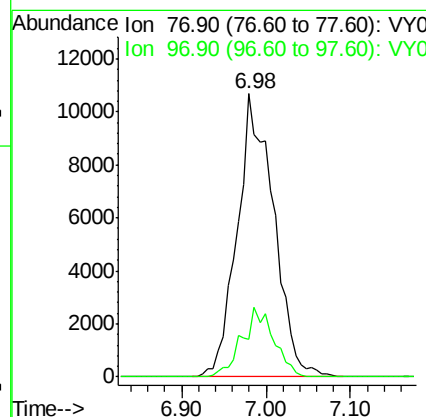
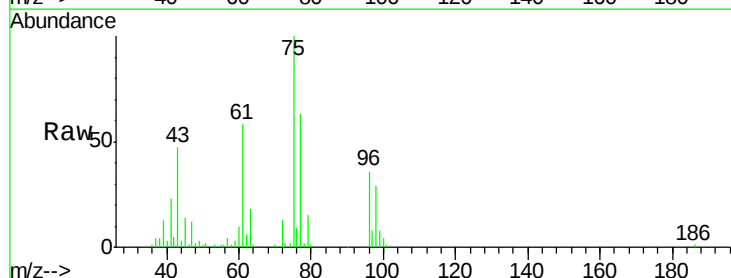
Acq: 23 Dec 2019 09:40

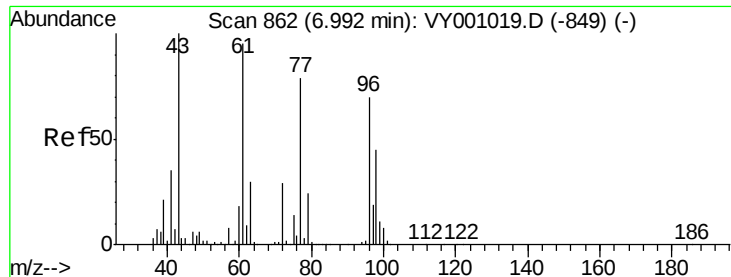
Tgt Ion: 77 Resp: 31327

Ion Ratio Lower Upper

77 100

97 21.4 12.0 36.1





#27

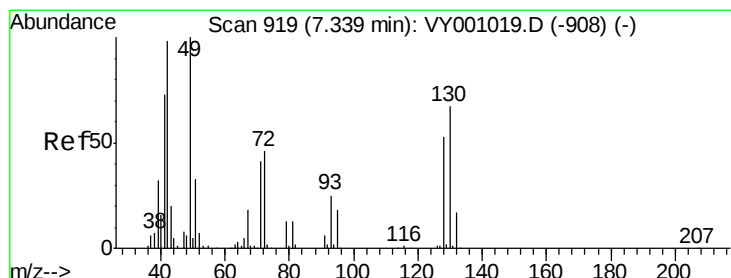
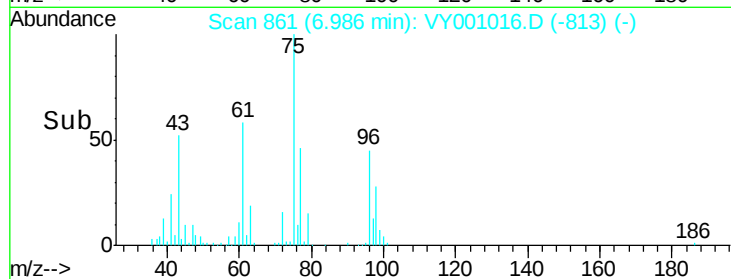
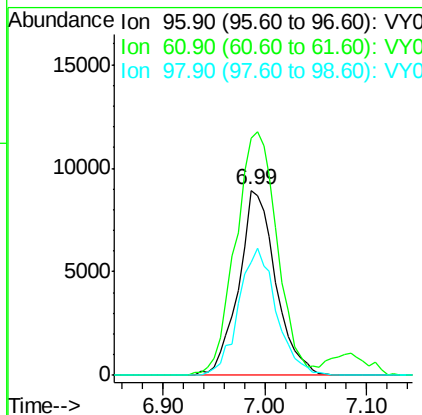
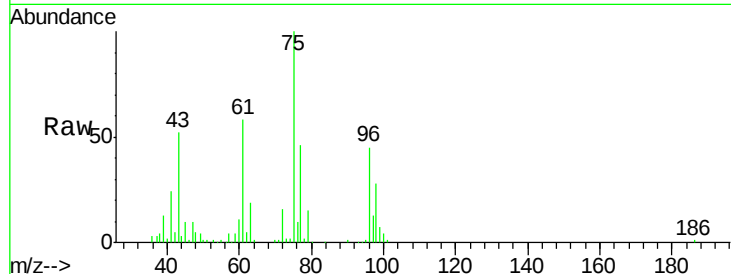
cis-1,2-Dichloroethene
Concen: 5.153 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	268.2
98	70.1	0.0	129.2

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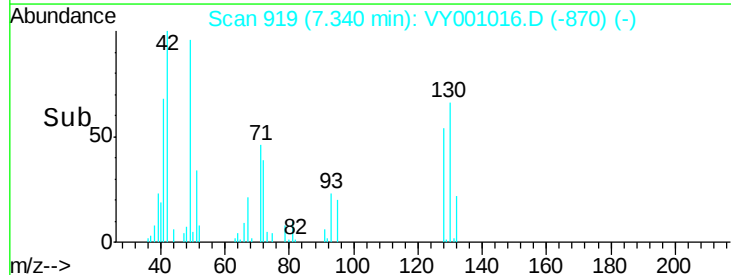
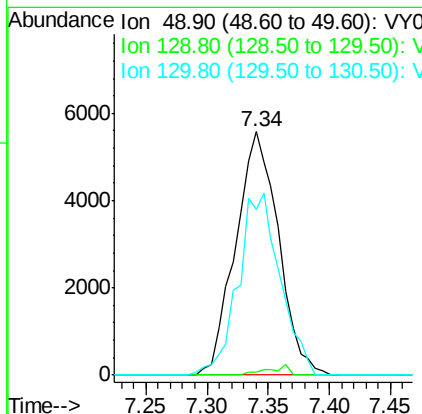
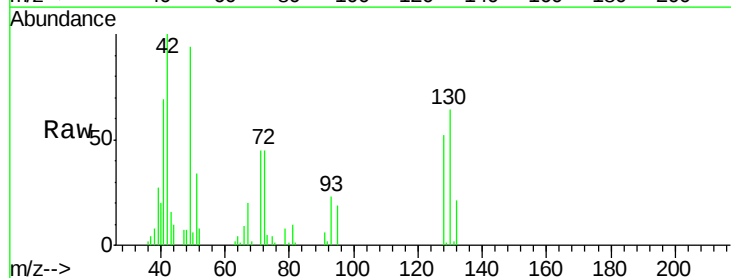
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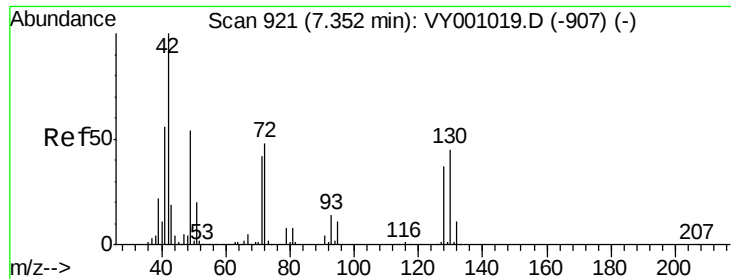


#28

Bromochloromethane
Concen: 5.207 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.1	60.4	90.6





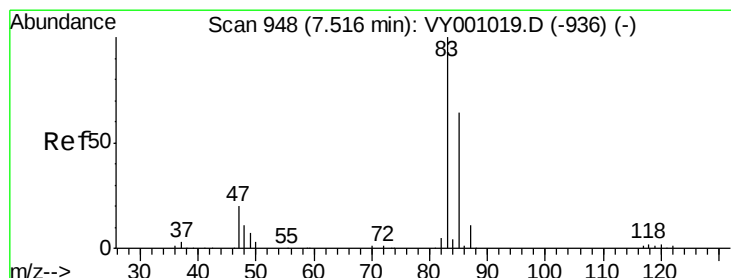
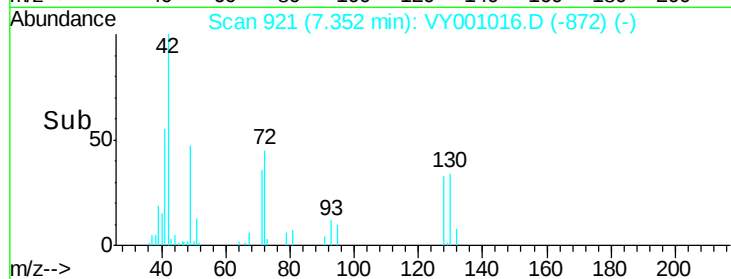
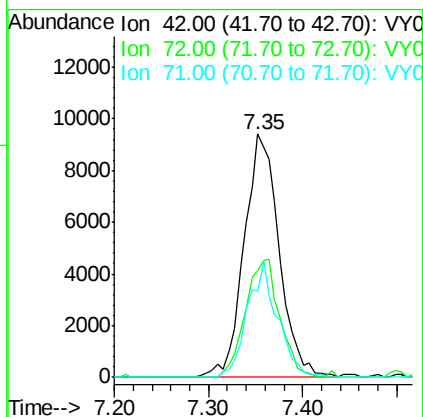
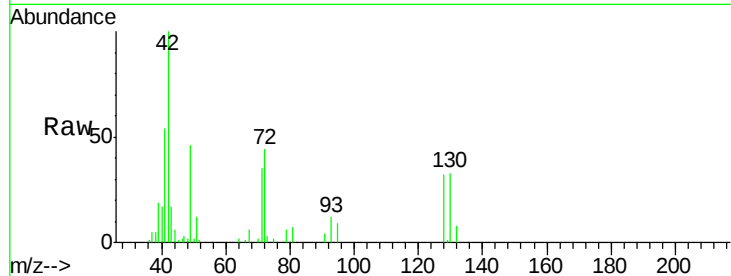
#29
Tetrahydrofuran
Concen: 26.456 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.7	56.5
71	40.9	34.6	51.8

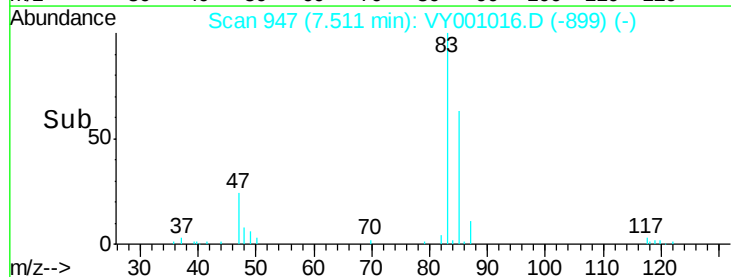
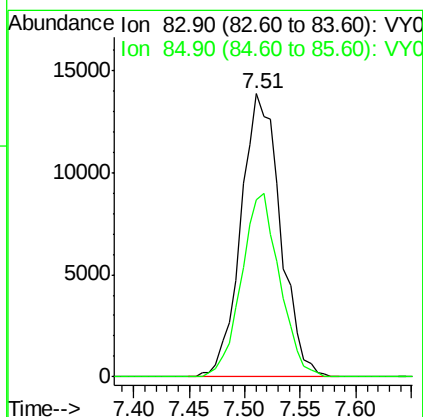
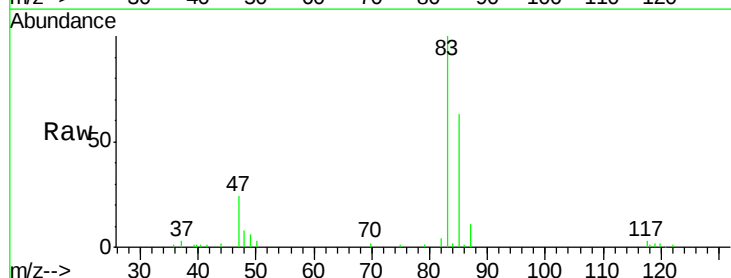
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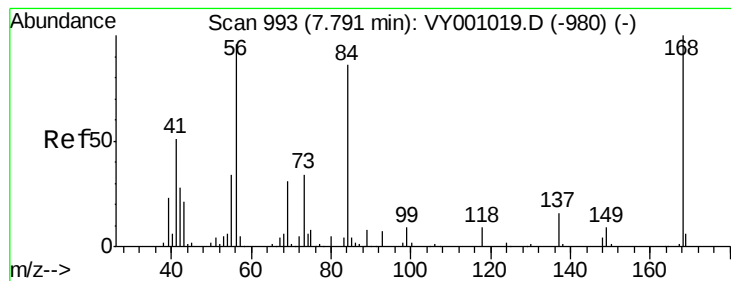
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#30
Chloroform
Concen: 5.343 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4





#31

Cyclohexane

Concen: 5.953 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

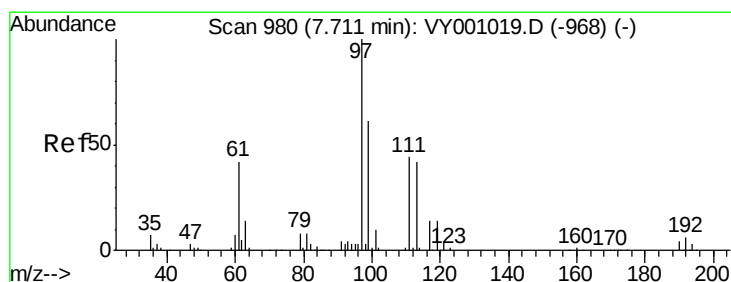
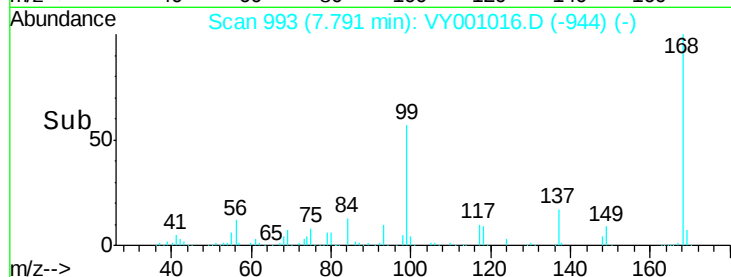
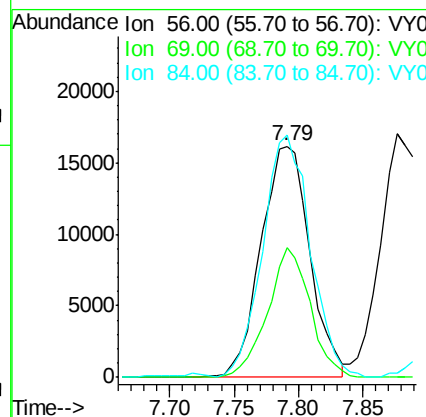
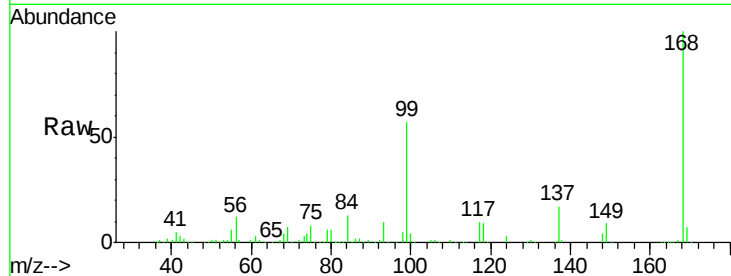
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	42491
Ion Ratio	Lower	Upper	
56	100		
69	56.2	26.1	39.1#
84	103.6	71.8	107.8

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#32

1,1,1-Trichloroethane

Concen: 5.235 ug/l

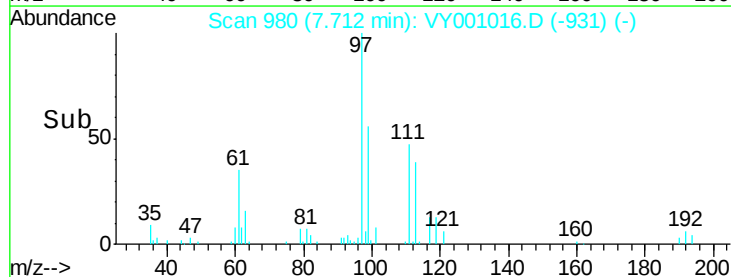
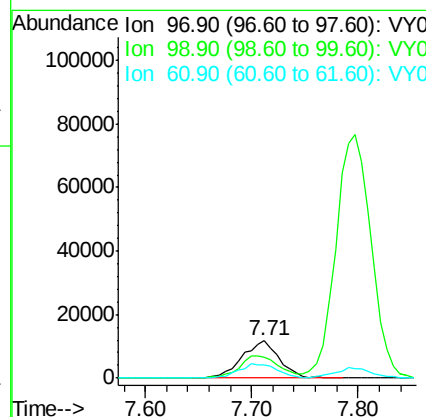
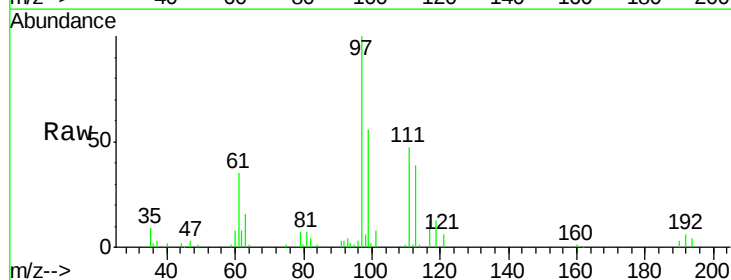
RT: 7.71 min Scan# 980

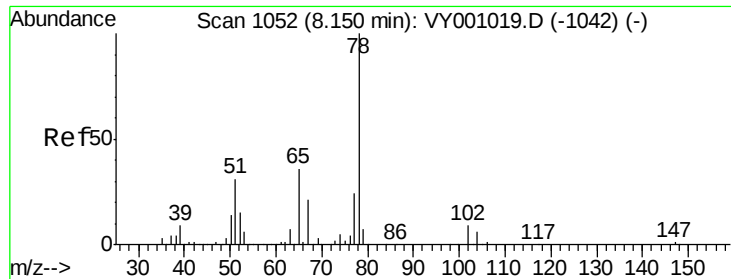
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	97	Resp:	28609
Ion Ratio	Lower	Upper	
97	100		
99	62.5	50.6	76.0
61	40.2	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 5.145 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 16296

Ion Ratio Lower Upper

65 100

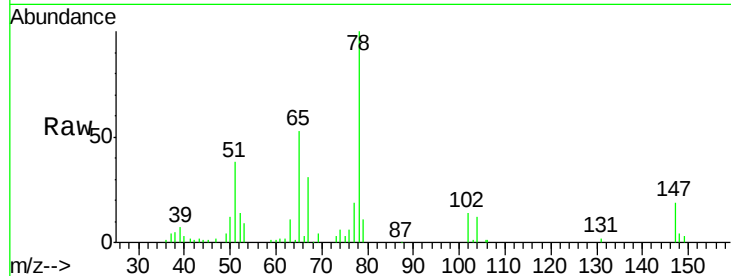
67 58.8 0.0 112.8

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Abundance Ion 64.90 (64.60 to 65.60): VY001016.D (-1003) (-)

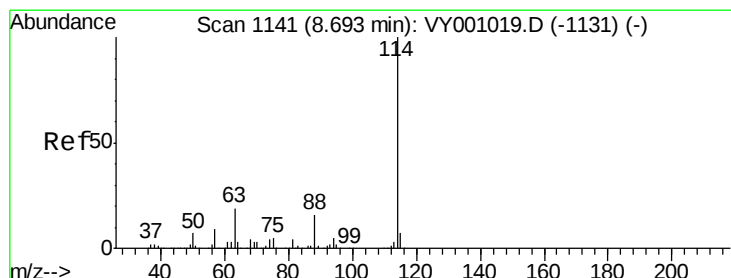
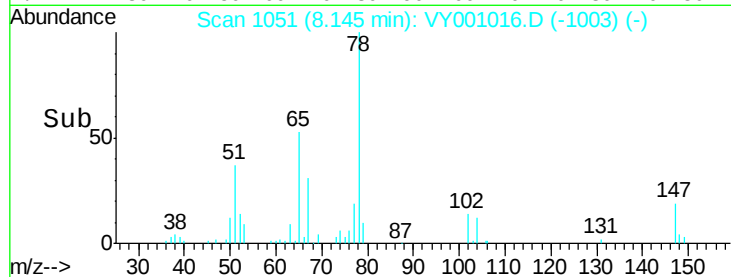
Ion 66.90 (66.60 to 67.60): VY001016.D (-1003) (-)

8.14

8.15

8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

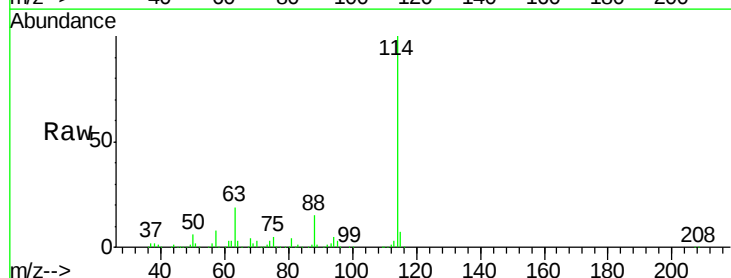
Tgt Ion: 114 Resp: 559490

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 14.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001016.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001016.D (-1092) (-)

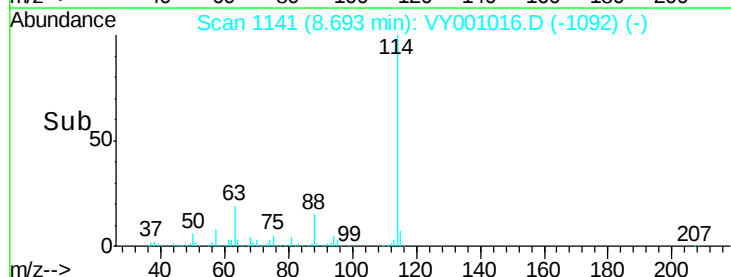
Ion 87.90 (87.60 to 88.60): VY001016.D (-1092) (-)

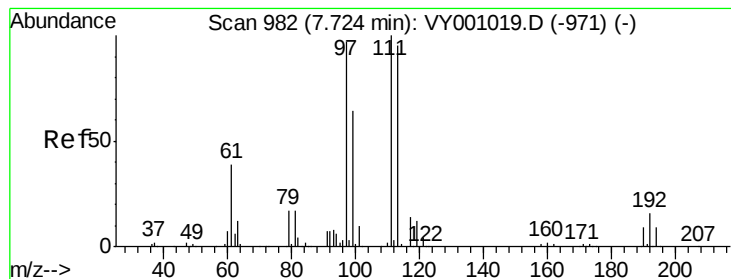
8.69

8.70

8.80

Time-->





#35

Dibromofluoromethane

Concen: 5.017 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:113 Resp: 16398

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

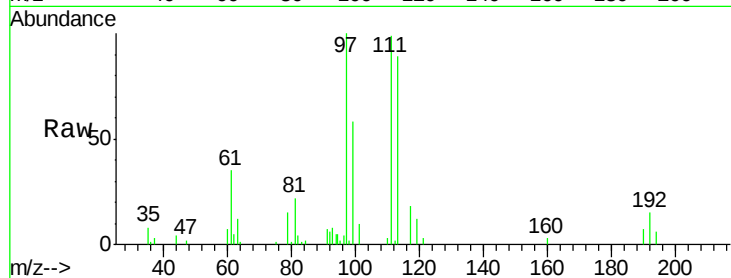
192 17.1 14.6 21.8

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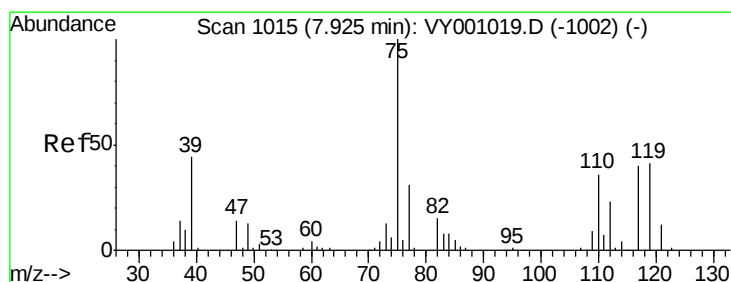
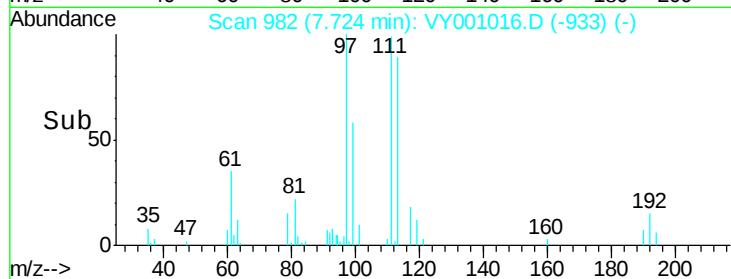
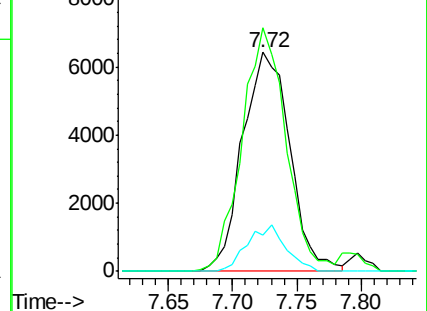
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

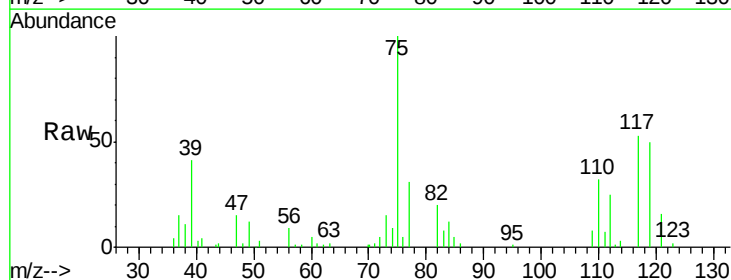
Tgt Ion: 75 Resp: 28521

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

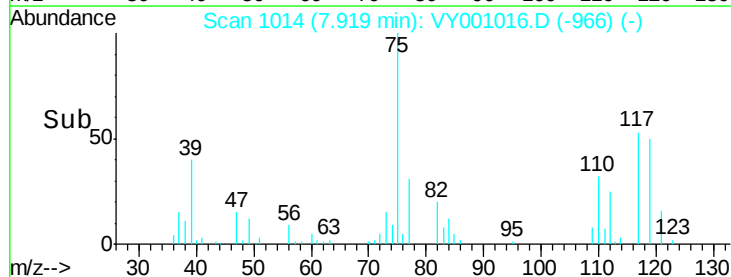
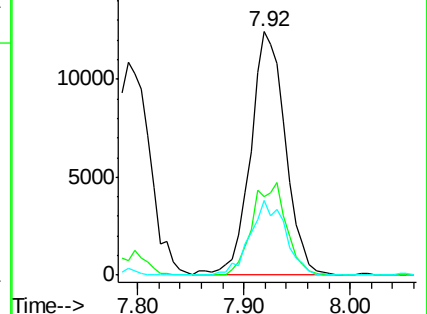
77 30.9 24.6 37.0

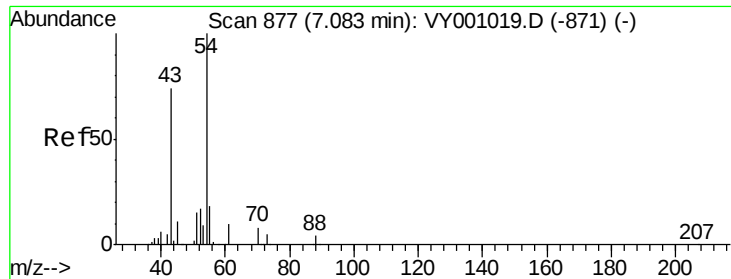


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





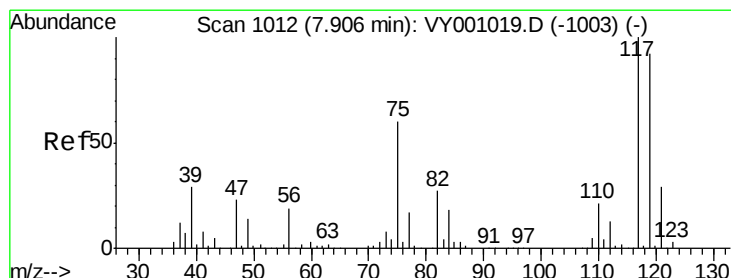
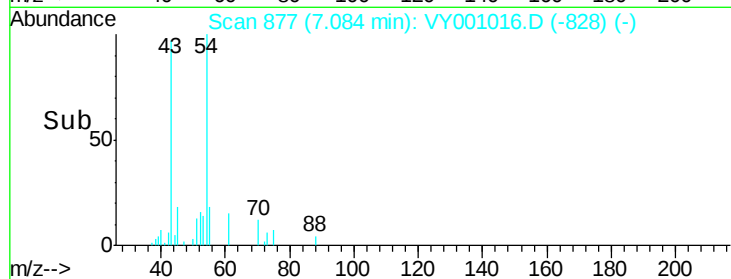
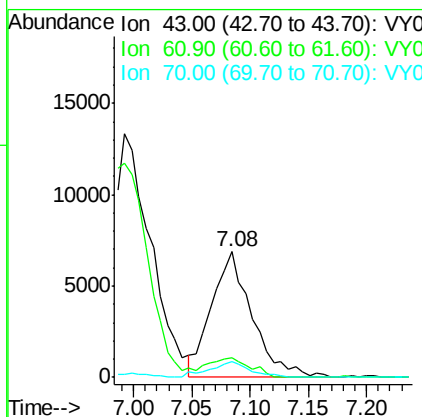
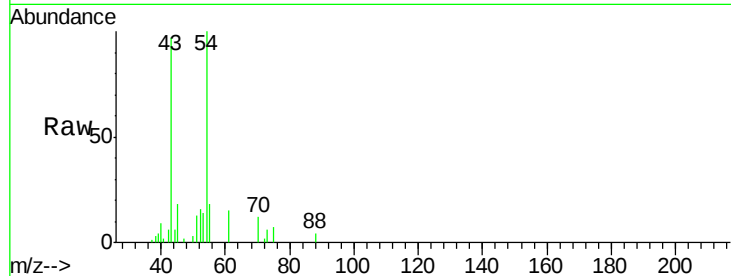
#37
Ethyl Acetate
Concen: 5.440 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.5	18.7
70	12.1	9.0	13.4

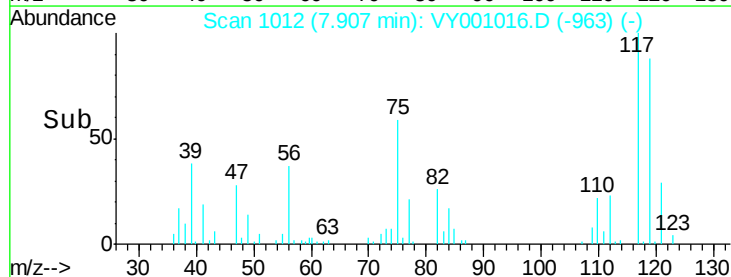
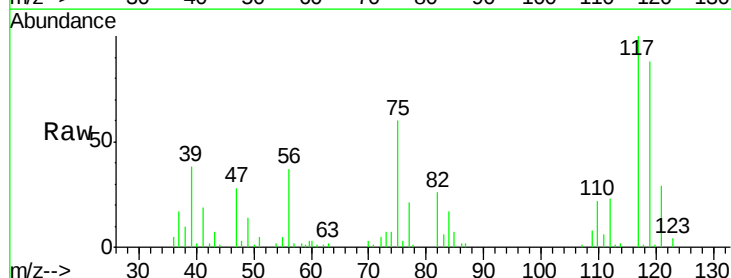
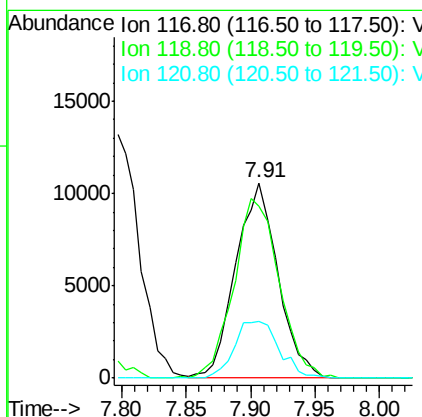
Manual Integrations
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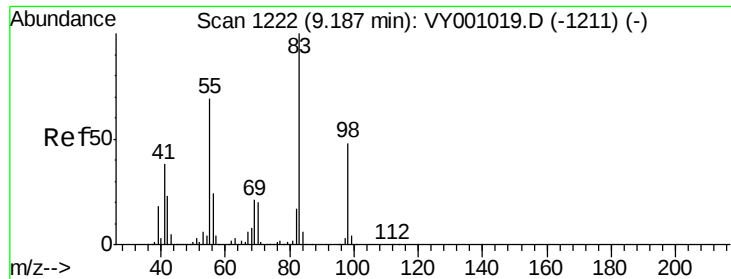
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#38
Carbon Tetrachloride
Concen: 5.059 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	74.2	111.2
121	29.1	22.9	34.3





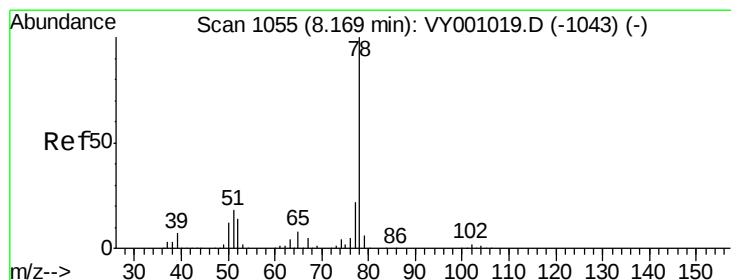
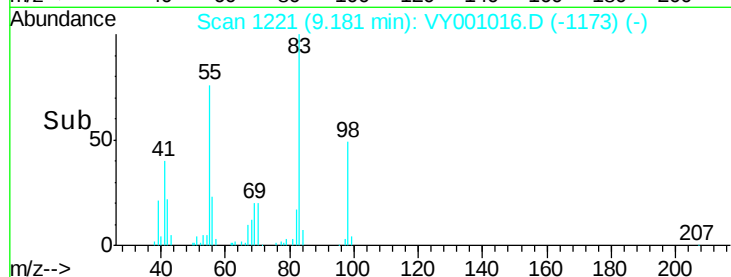
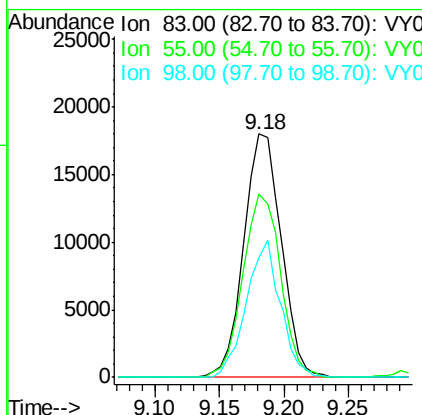
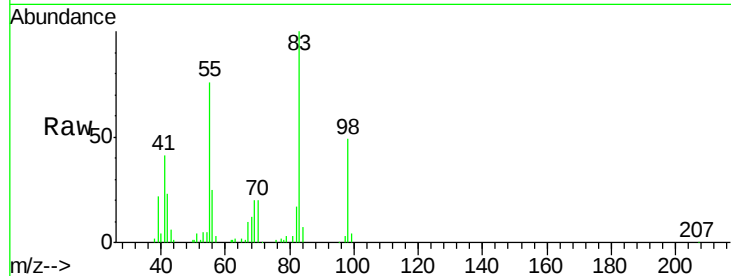
#39
Methvlcvclohexane
Concen: 5.044 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	55.1	82.7
98	49.2	38.3	57.5

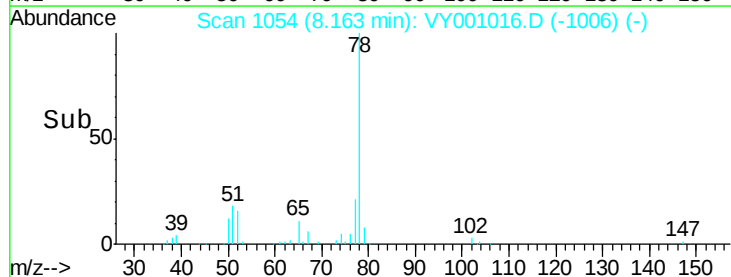
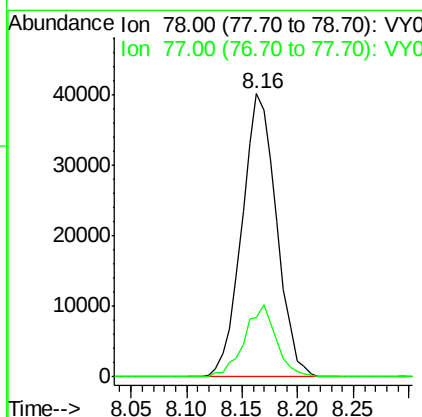
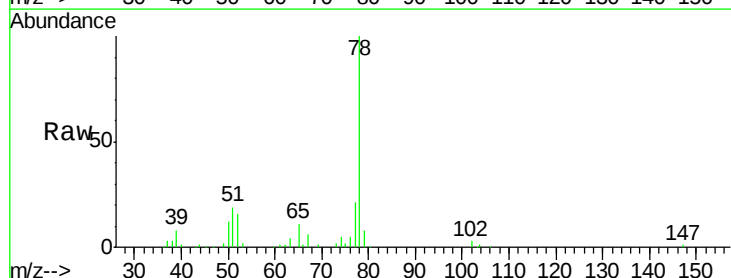
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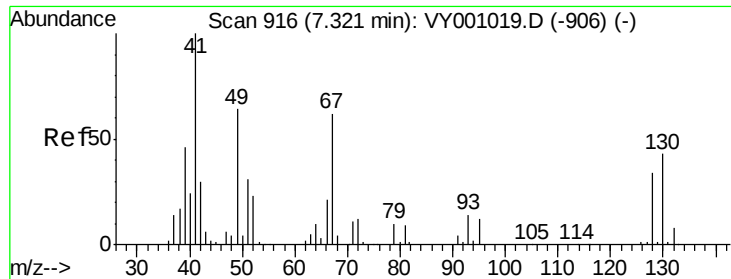
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#40
Benzene
Concen: 5.344 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.1	17.7	26.5





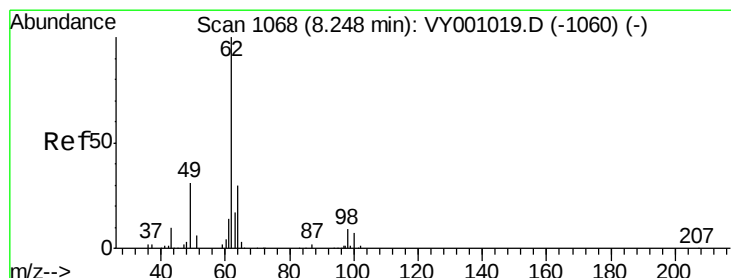
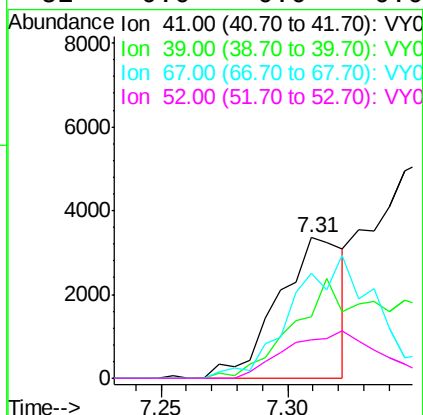
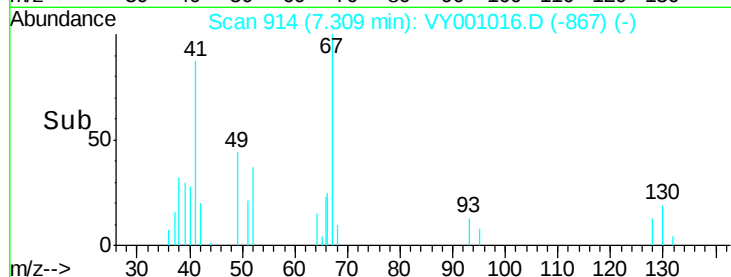
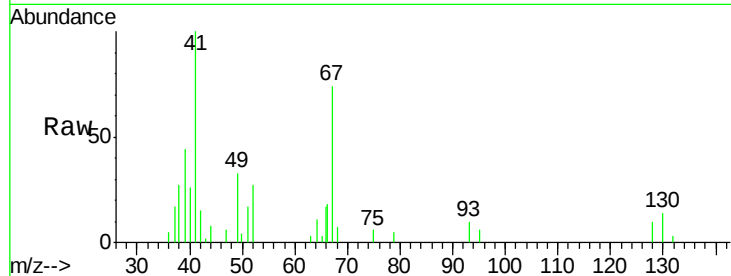
#41
Methacrylonitrile
Concen: 2.143 ug/l m
RT: 7.31 min Scan# 914
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	6044
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

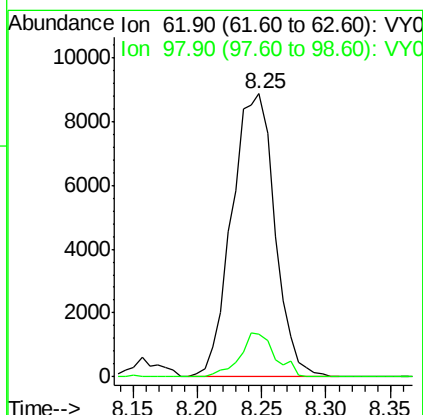
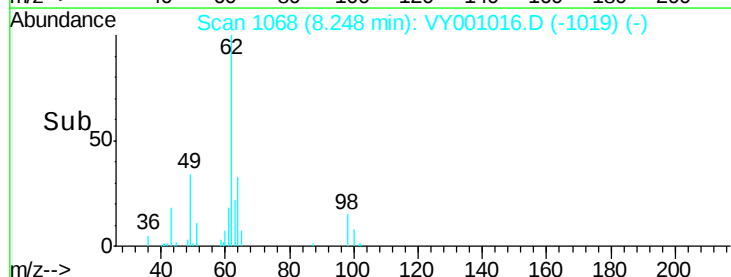
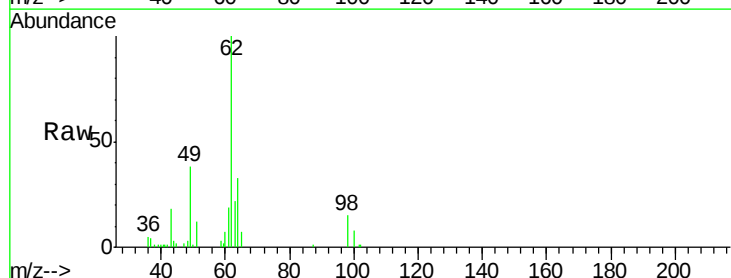
Manual Integrations
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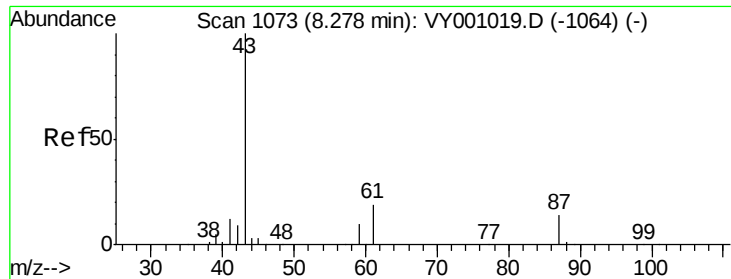
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#42
1,2-Dichloroethane
Concen: 5.174 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion:	62	Resp:	20497
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	23.4





#43

Isopropyl Acetate

Concen: 5.048 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

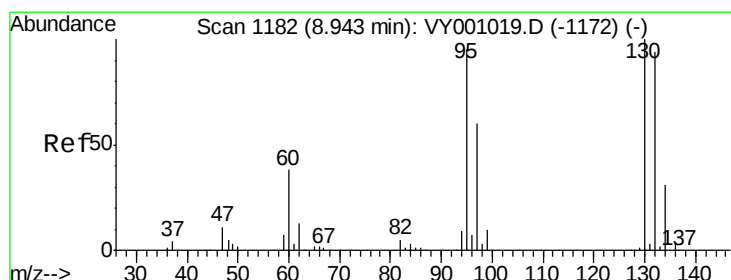
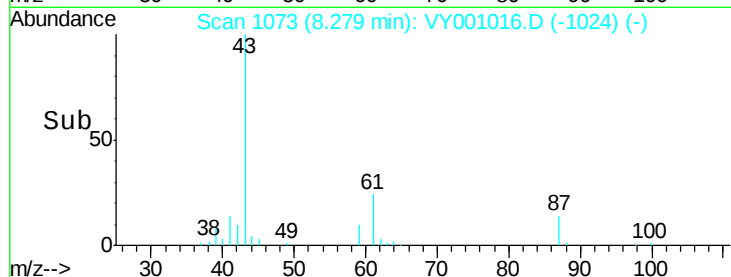
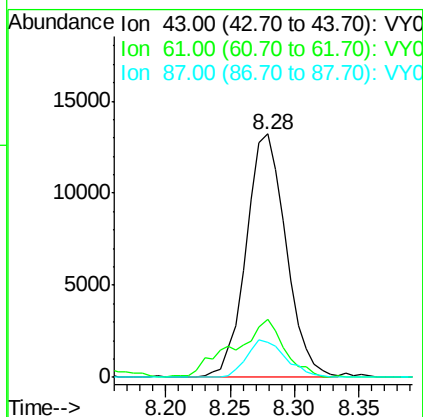
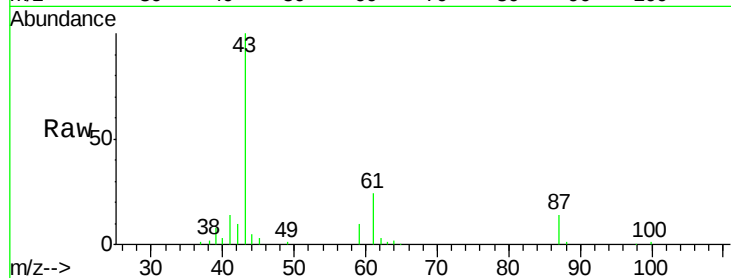
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	28362
Ion	Ratio	Lower	Upper
43	100		
61	30.3	25.0	37.6
87	14.9	12.0	18.0

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#44

Trichloroethene

Concen: 5.459 ug/l

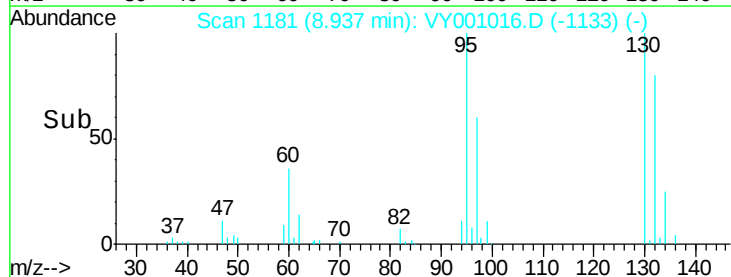
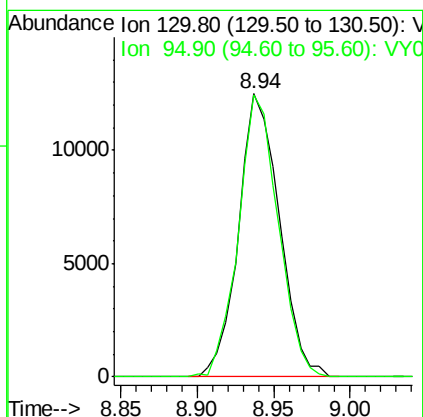
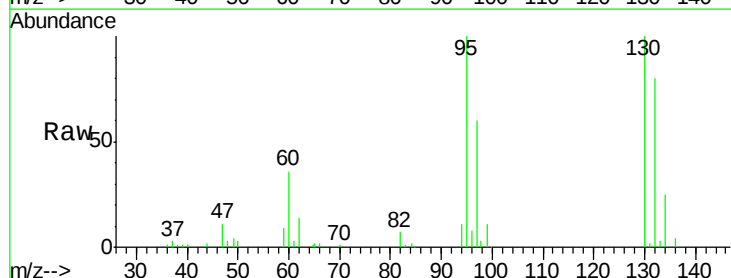
RT: 8.94 min Scan# 1181

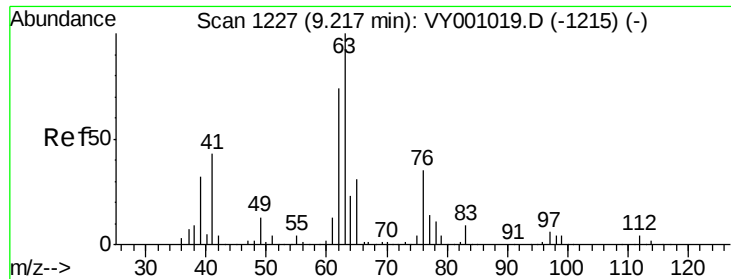
Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	130	Resp:	23163
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	190.6





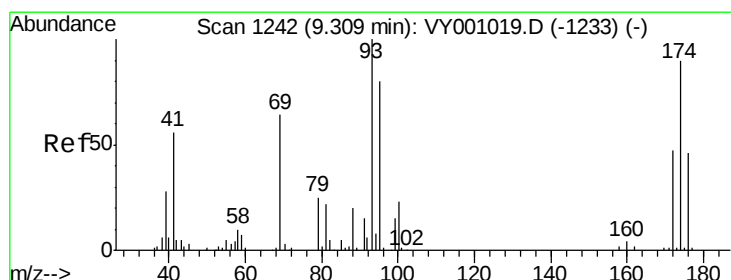
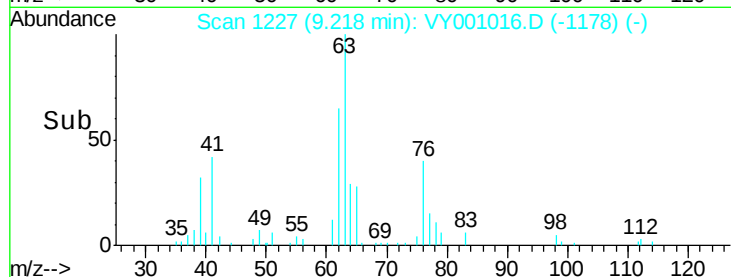
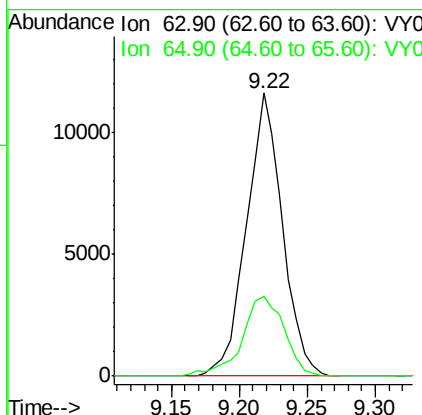
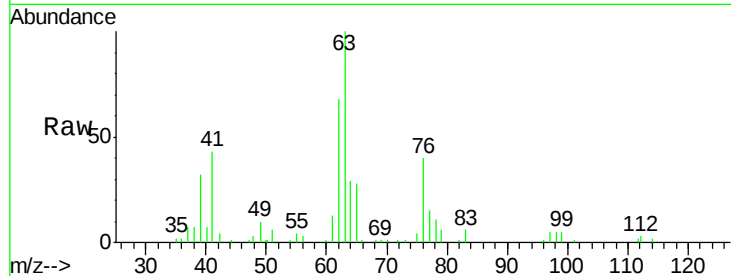
#45
 1,2-Dichloropropane
 Concen: 5.281 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 21502
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.1 37.7

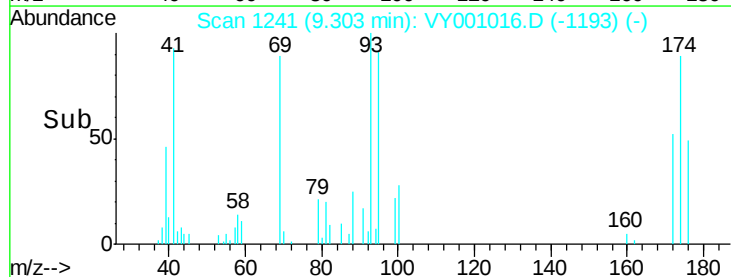
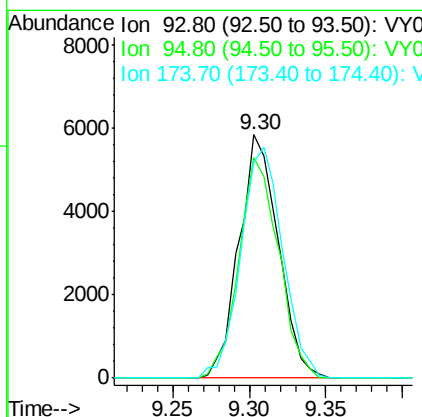
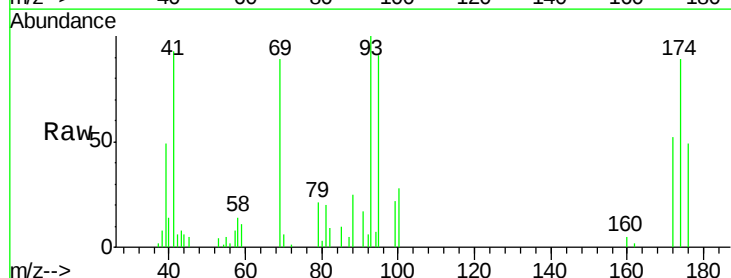
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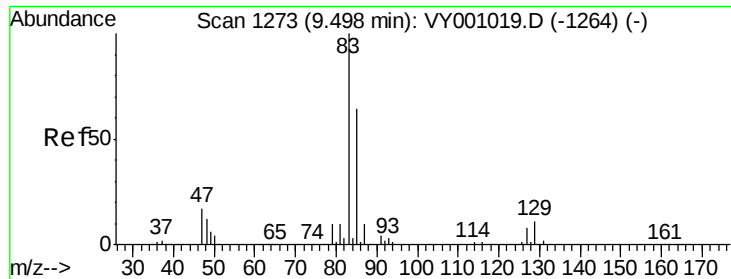
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#46
 Dibromomethane
 Concen: 4.973 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Tgt Ion: 93 Resp: 10429
 Ion Ratio Lower Upper
 93 100
 95 91.9 66.7 100.1
 174 101.7 73.6 110.4





#47

Bromodichloromethane

Concen: 5.190 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

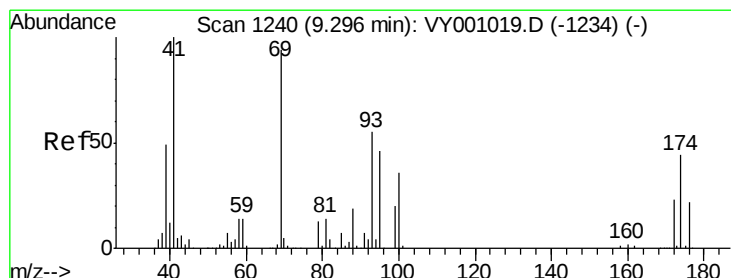
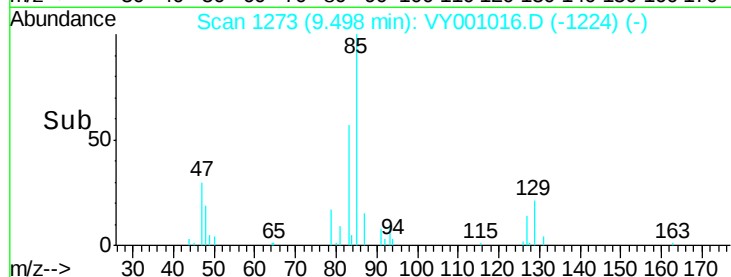
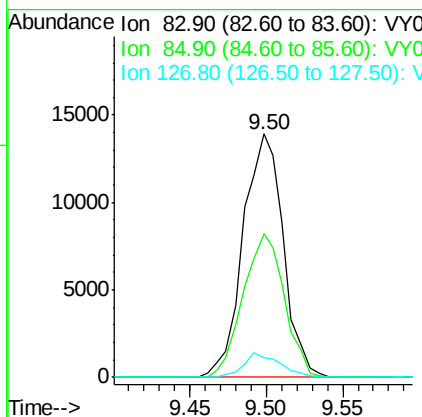
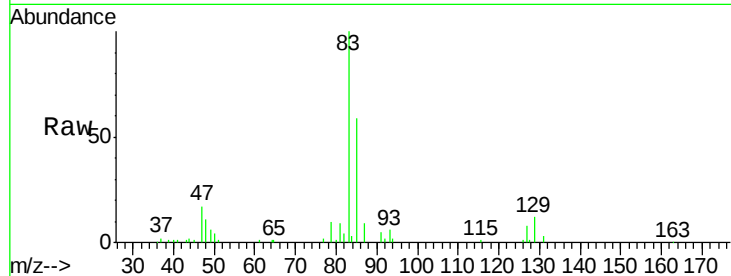
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	25431
Ion Ratio	Lower	Upper	
83	100		
85	59.1	50.9	76.3
127	8.2	6.4	9.6

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#48

Methyl methacrylate

Concen: 5.059 ug/l

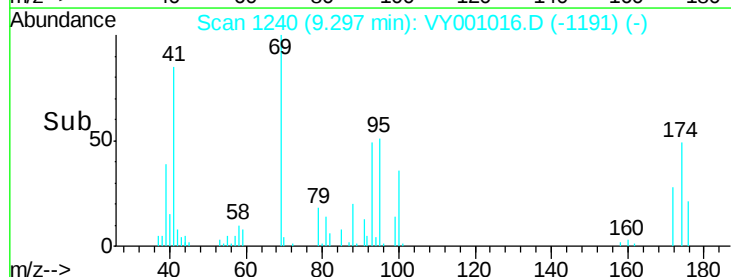
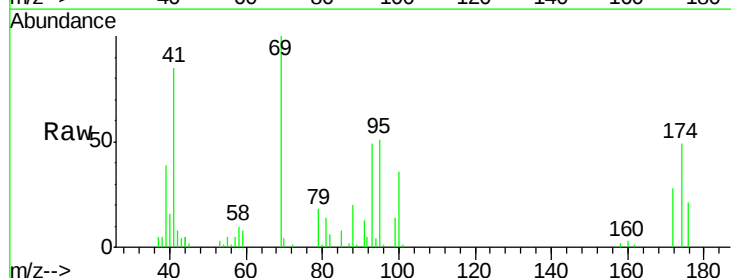
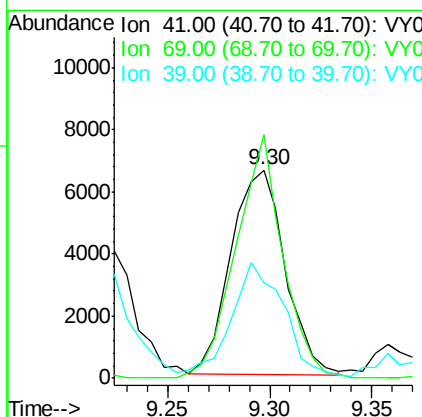
RT: 9.30 min Scan# 1240

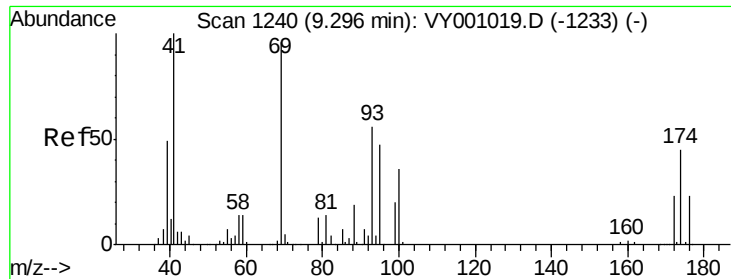
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	41	Resp:	12211
Ion Ratio	Lower	Upper	
41	100		
69	102.4	79.8	119.6
39	55.4	41.7	62.5





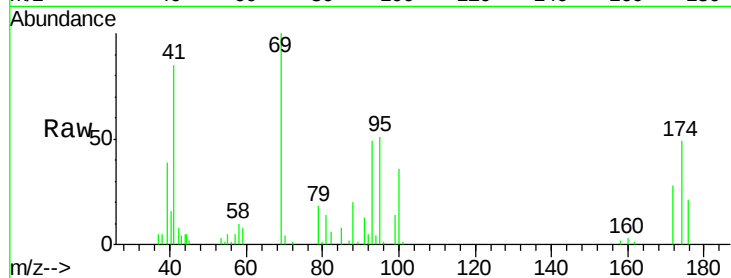
#49
1,4-Dioxane
Concen: 111.268 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

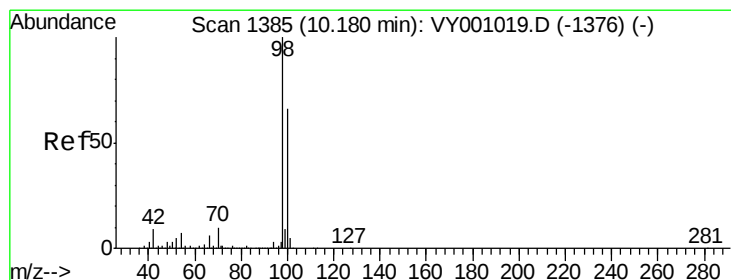
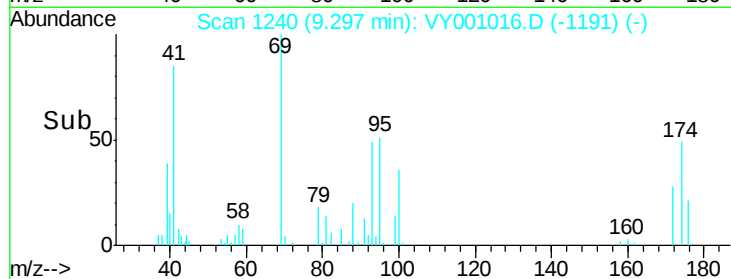
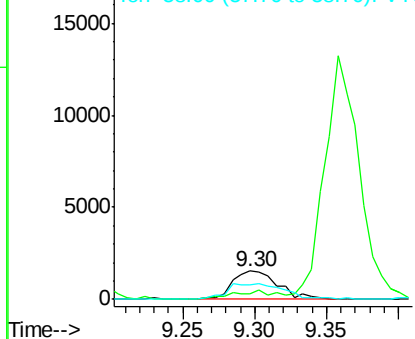
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	23.0	34.4
58	70.8	54.9	82.3

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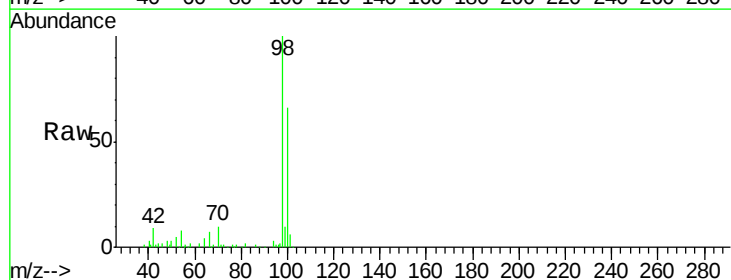


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

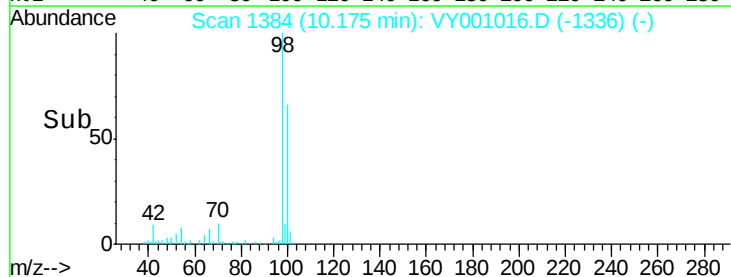
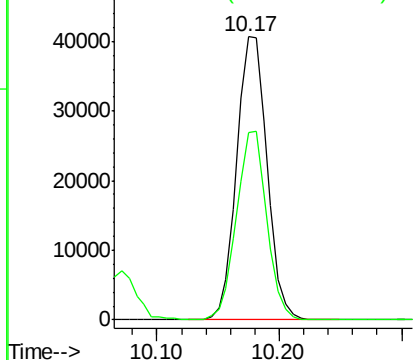


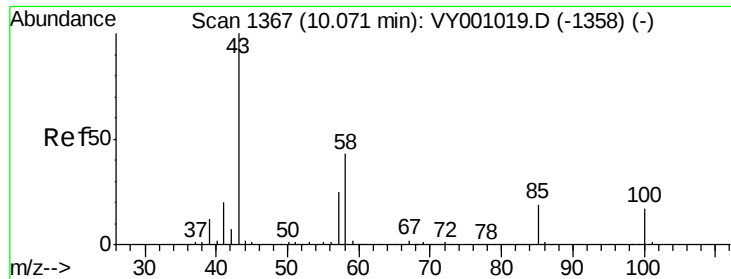
#50
Toluene-d8
Concen: 5.456 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



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





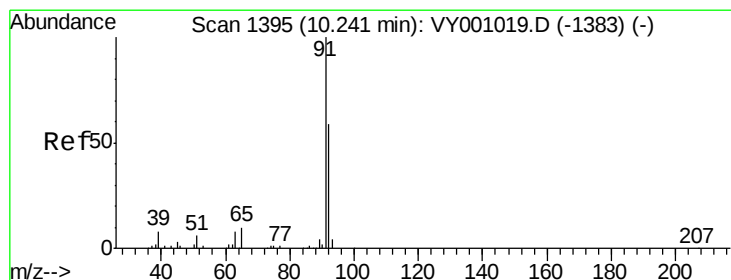
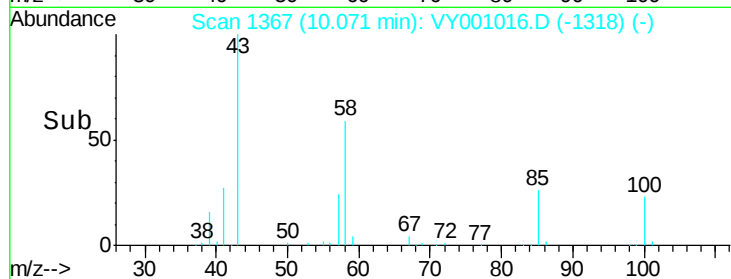
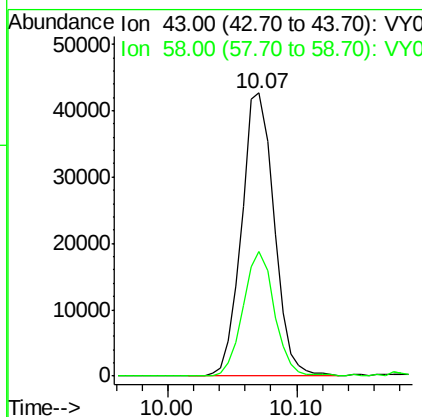
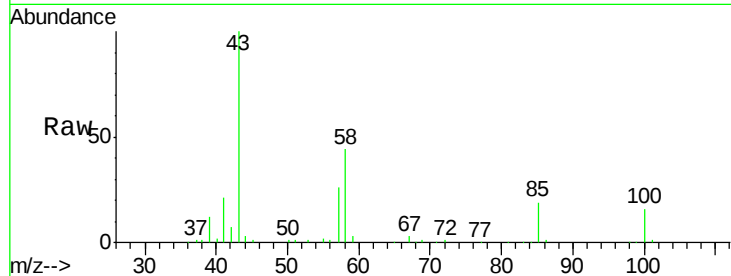
#51
4-Methyl-2-Pentanone
Concen: 25.334 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 74639
Ion Ratio Lower Upper
43 100
58 42.3 34.6 52.0

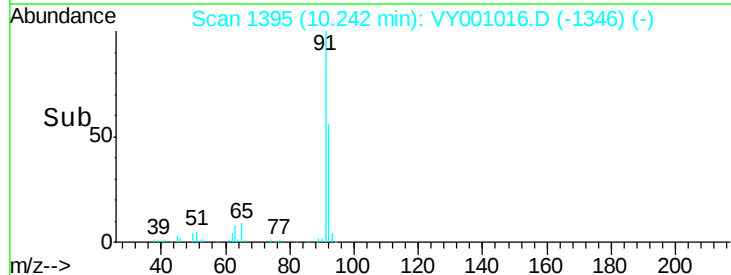
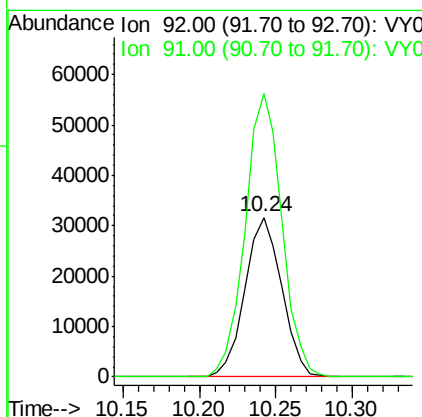
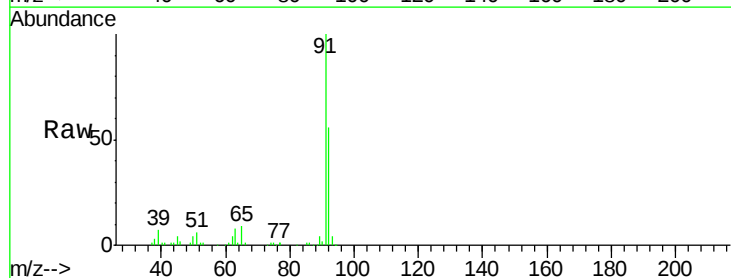
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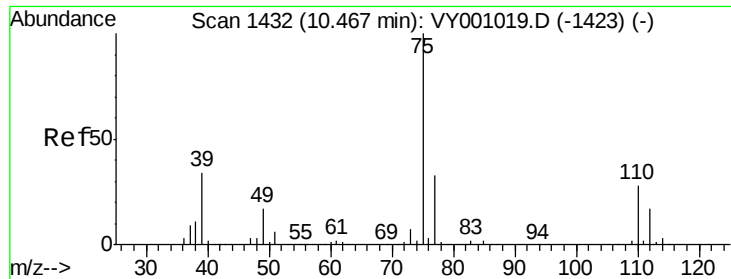
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#52
Toluene
Concen: 5.276 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion: 92 Resp: 52961
Ion Ratio Lower Upper
92 100
91 176.7 135.7 203.5





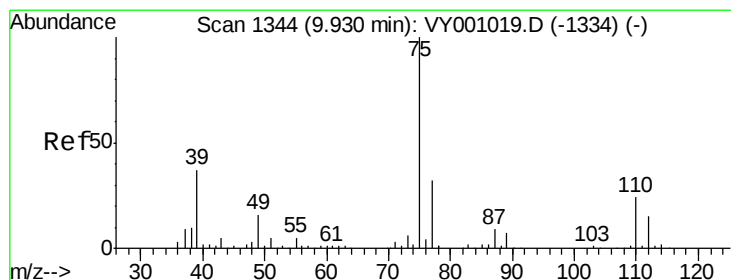
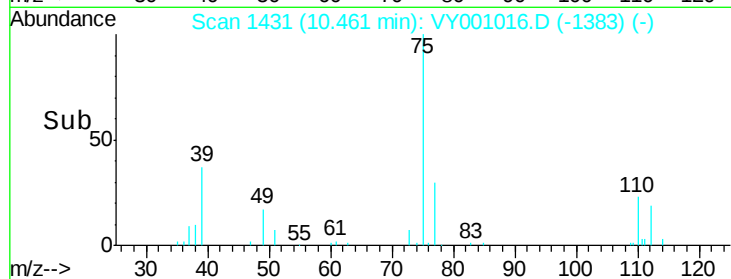
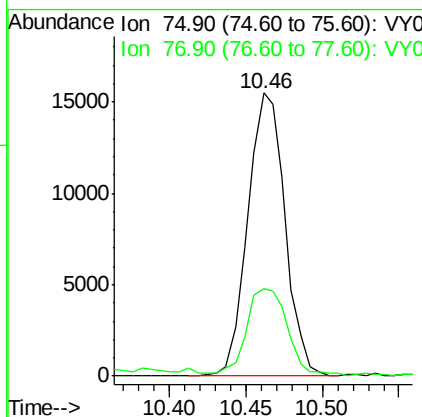
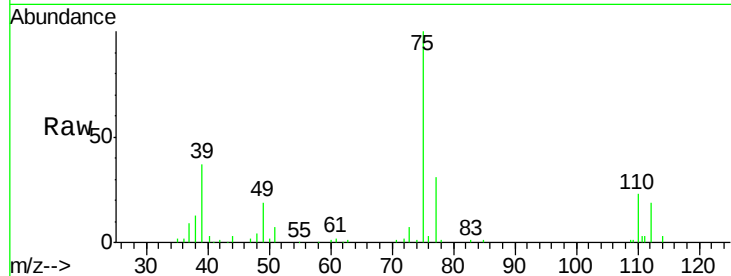
#53
 t-1,3-Dichloropropene
 Concen: 4.931 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 26192
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.5 39.7

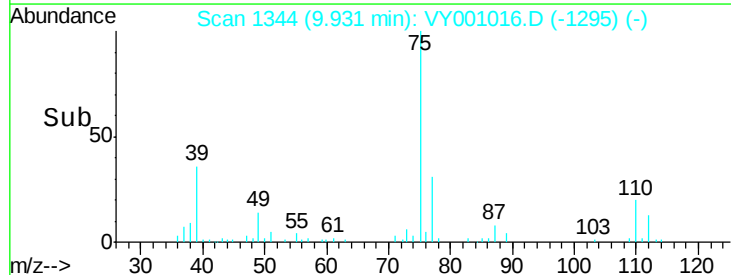
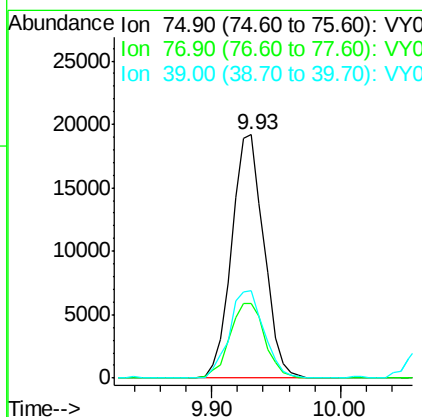
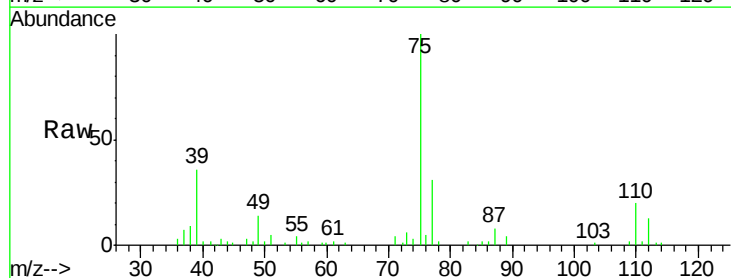
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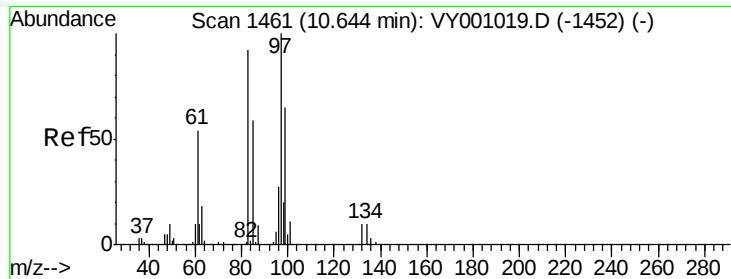
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#54
 cis-1,3-Dichloropropene
 Concen: 5.248 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Tgt Ion: 75 Resp: 33439
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 36.1 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 5.155 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

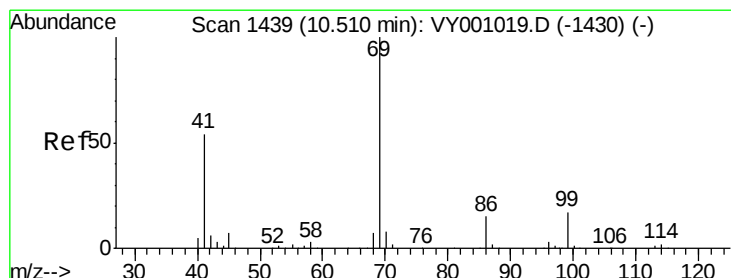
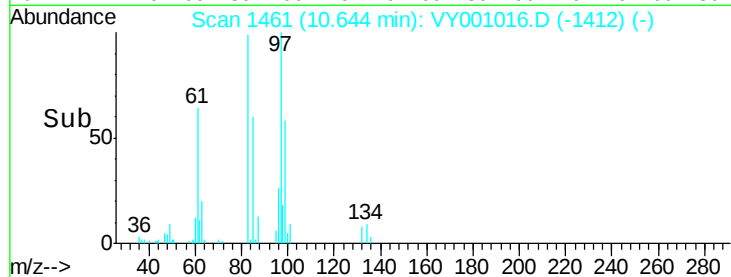
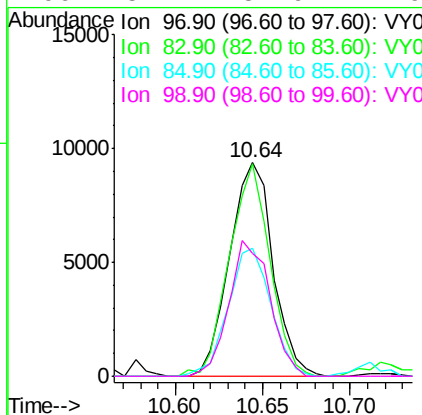
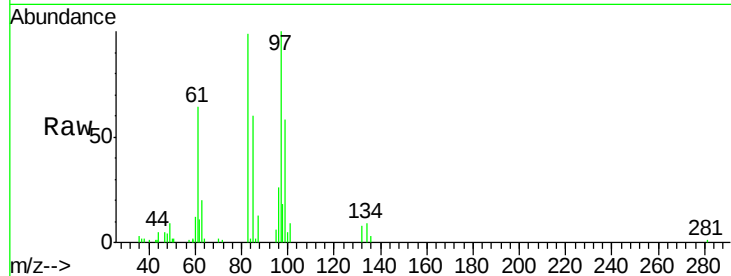
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	16153
Ion	Ratio	Lower	Upper
97	100		
83	99.3	73.7	110.5
85	58.9	47.3	70.9
99	57.7	51.9	77.9

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#56

Ethyl methacrylate

Concen: 4.755 ug/l

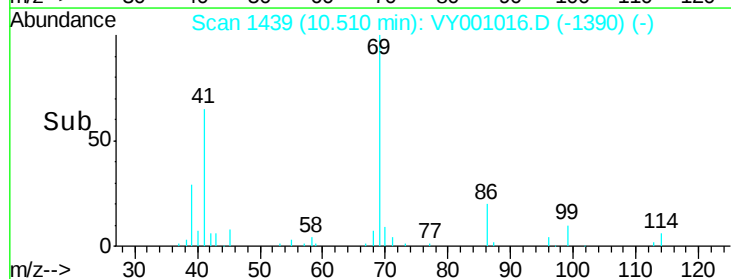
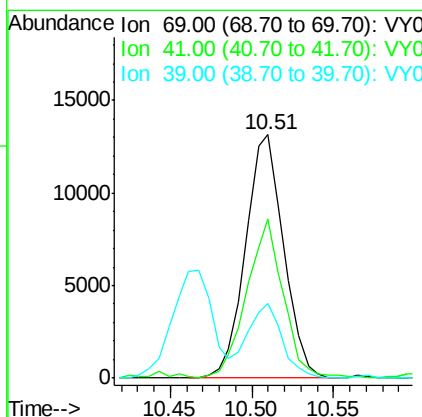
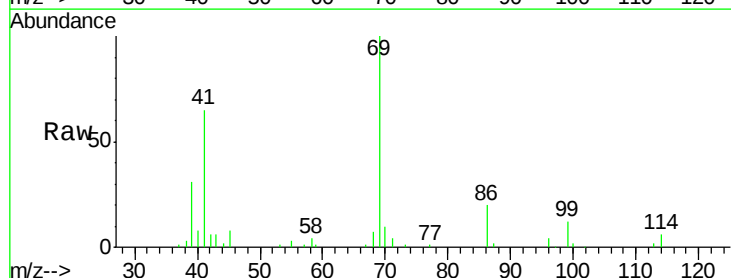
RT: 10.51 min Scan# 1439

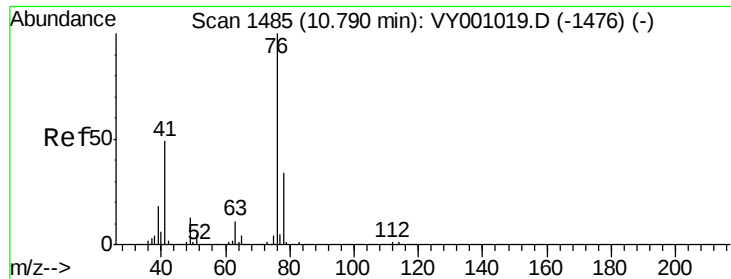
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	69	Resp:	21345
Ion	Ratio	Lower	Upper
69	100		
41	63.0	44.7	67.1
39	28.2	22.2	33.4





#57

1,3-Dichloropropane

Concen: 5.287 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 28979

Ion Ratio Lower Upper

76 100

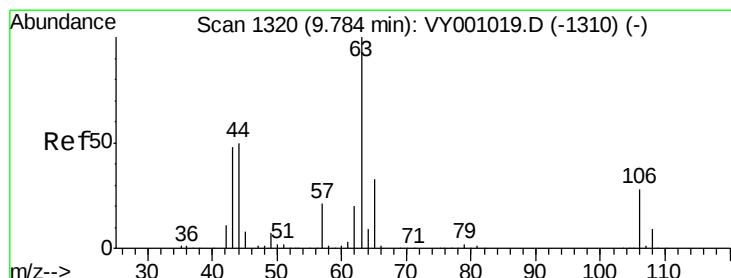
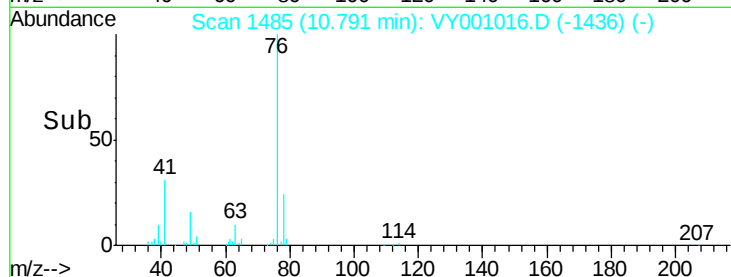
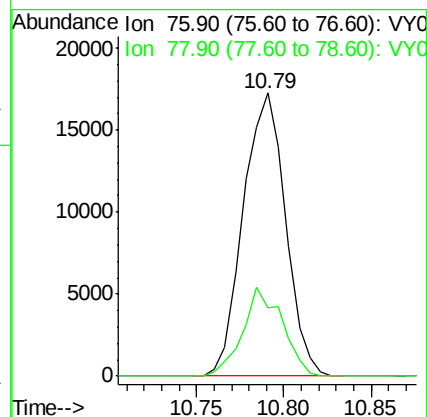
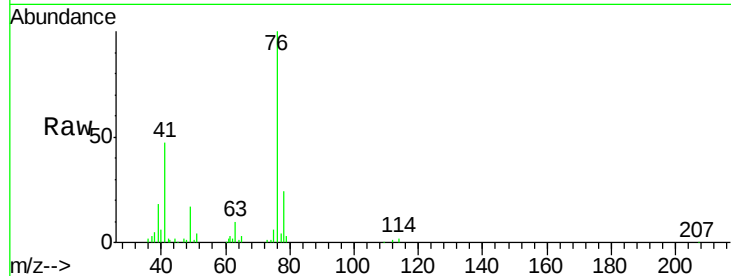
78 29.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 30.251 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001016.D

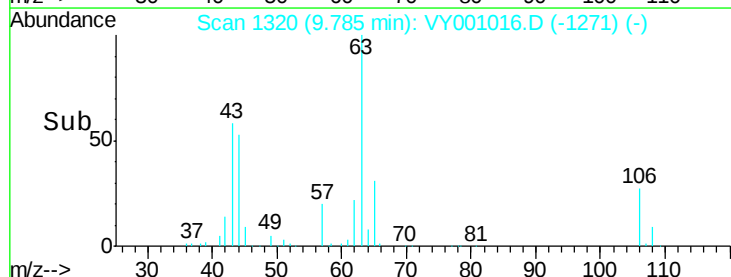
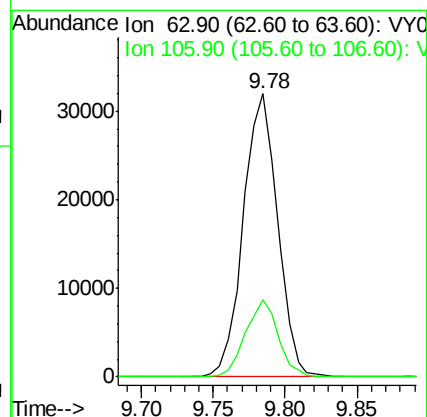
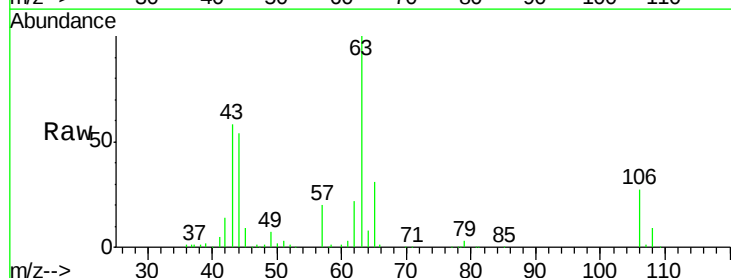
Acq: 23 Dec 2019 09:40

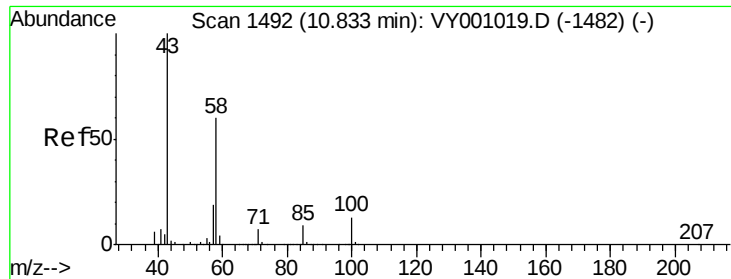
Tgt Ion: 63 Resp: 52688

Ion Ratio Lower Upper

63 100

106 25.9 22.7 34.1





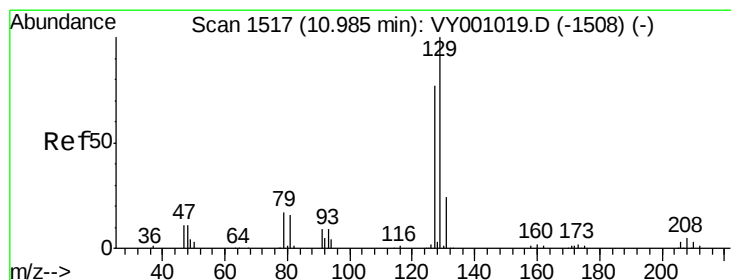
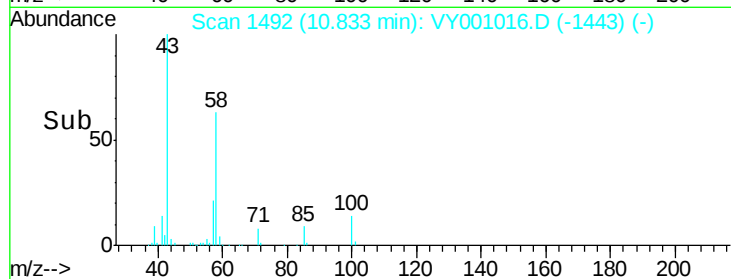
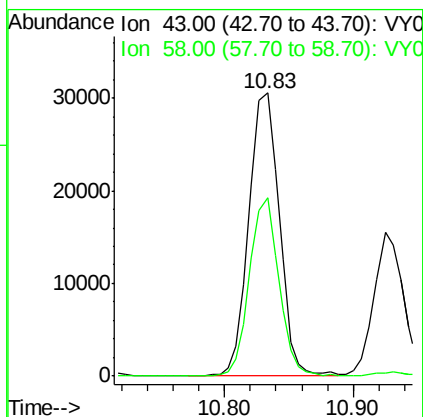
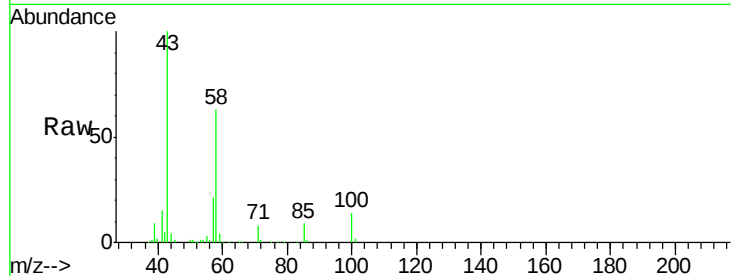
#59
2-Hexanone
Concen: 24.193 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 50115
Ion Ratio Lower Upper
43 100
58 60.6 30.6 91.6

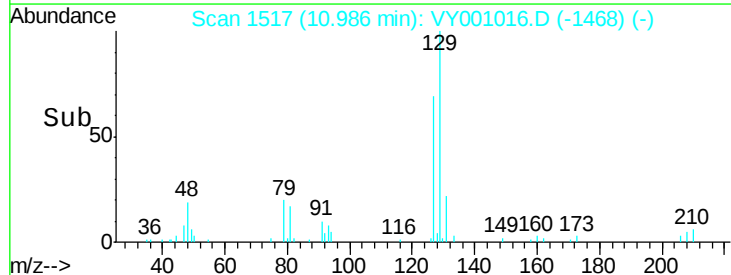
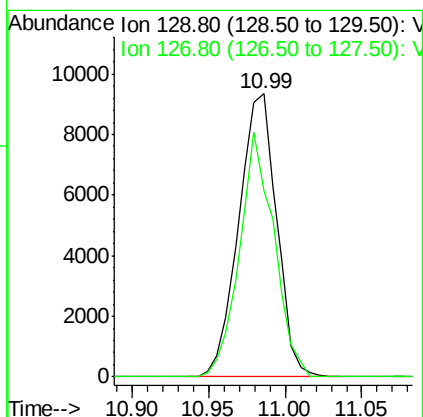
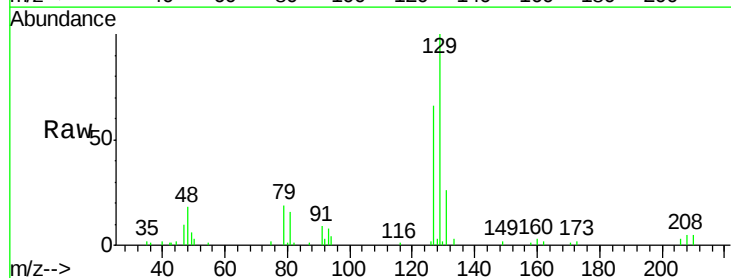
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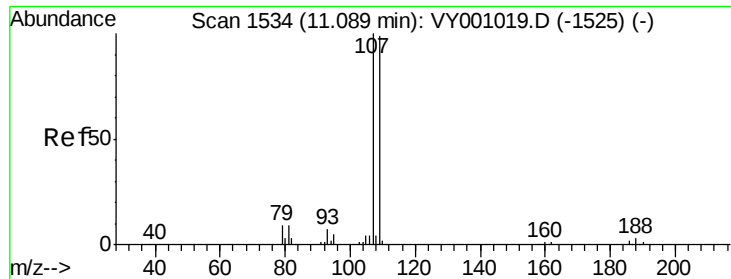
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#60
Dibromochloromethane
Concen: 4.802 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion: 129 Resp: 16094
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3





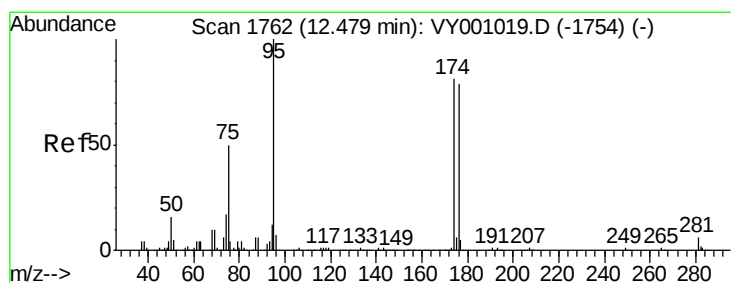
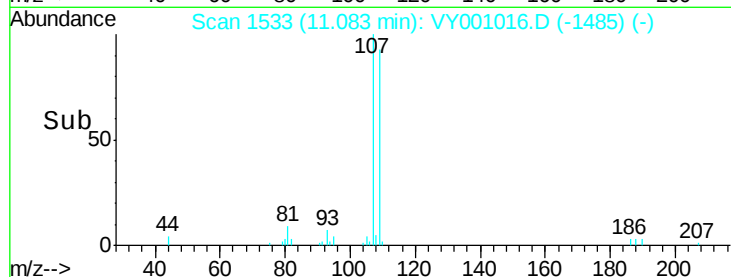
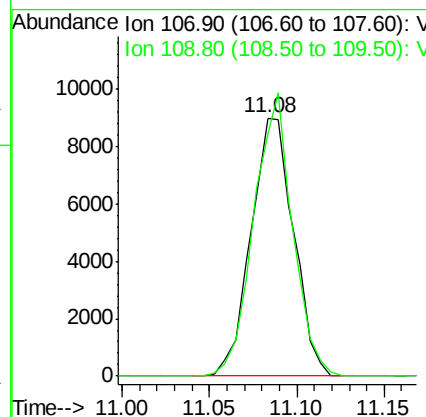
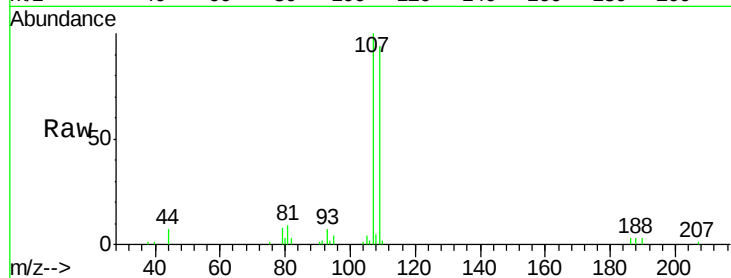
#61
 1,2-Dibromoethane
 Concen: 5.126 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 107 Resp: 15207
 Ion Ratio Lower Upper
 107 100
 109 99.8 74.8 112.2

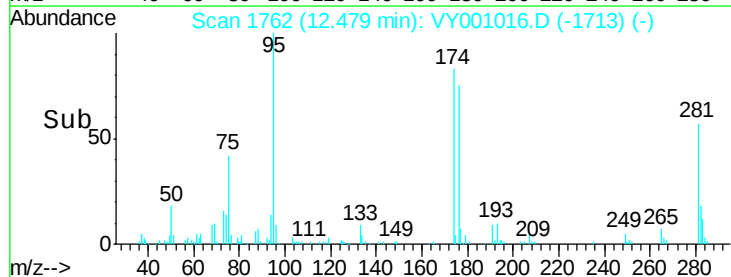
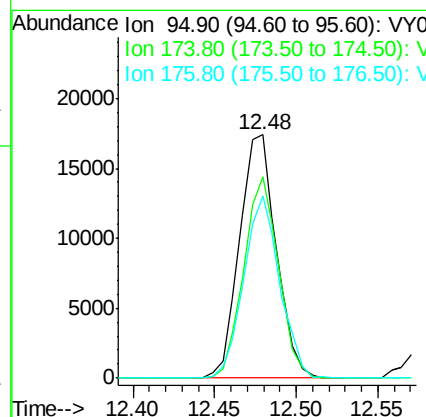
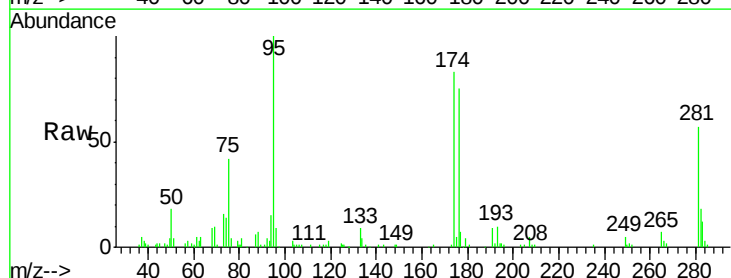
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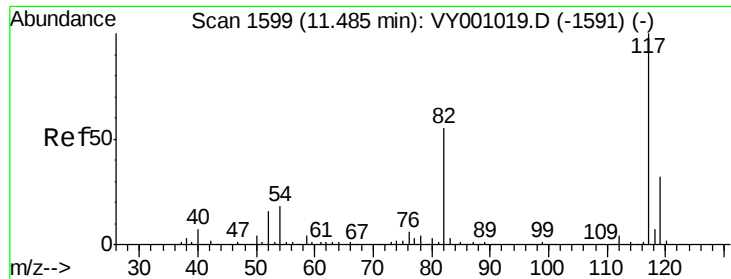
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#62
 4-Bromofluorobenzene
 Concen: 5.745 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Tgt Ion: 95 Resp: 27254
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 156.4
 176 73.1 0.0 155.0





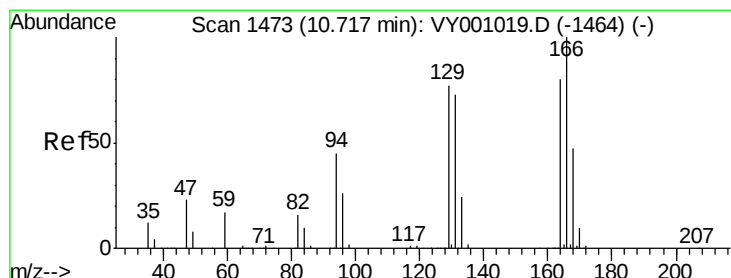
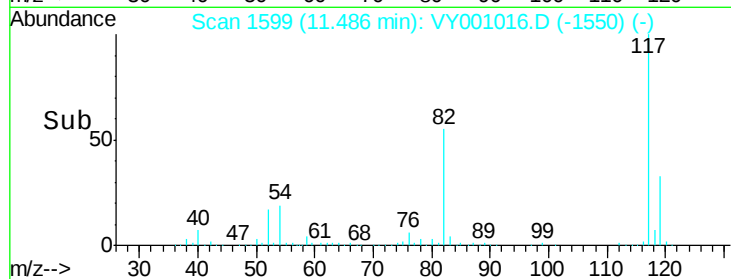
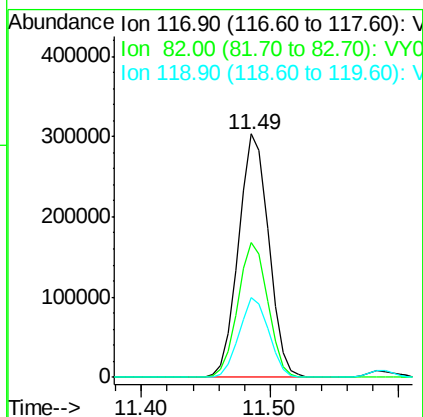
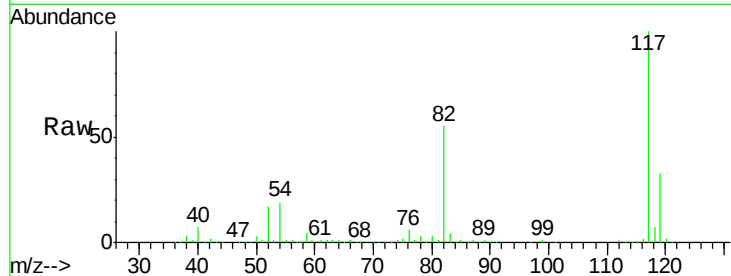
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	33.0	25.8	38.6

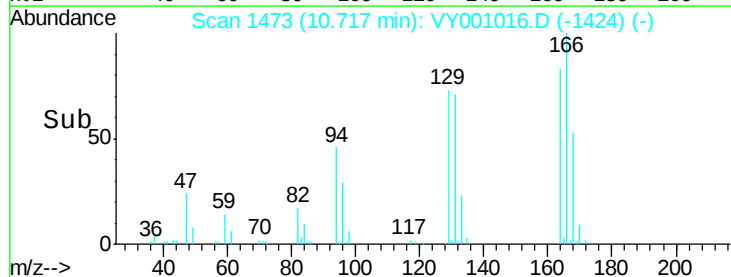
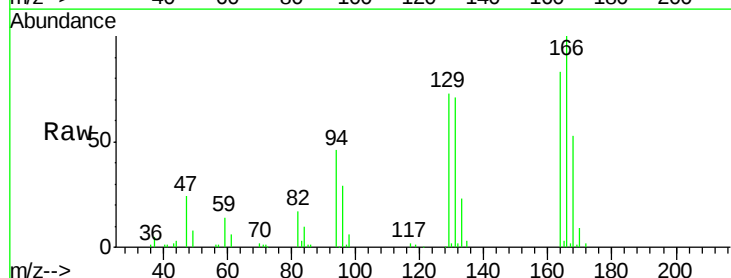
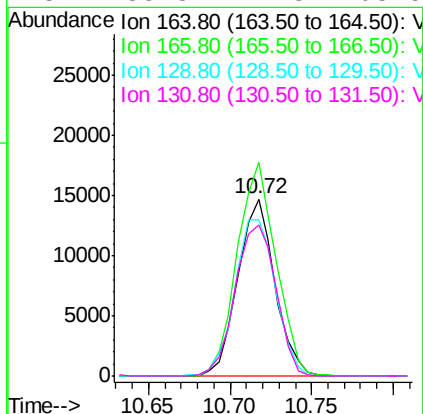
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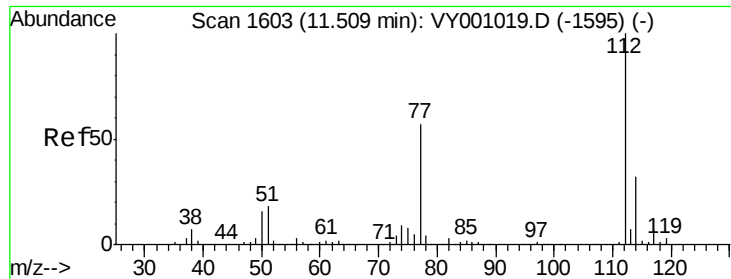
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#64
Tetrachloroethene
Concen: 5.433 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	99.7	149.5
129	88.6	76.9	115.3
131	85.8	72.3	108.5





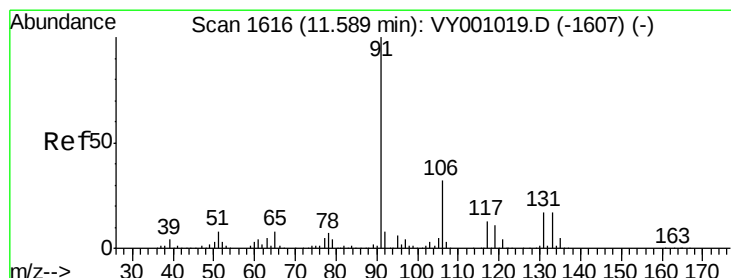
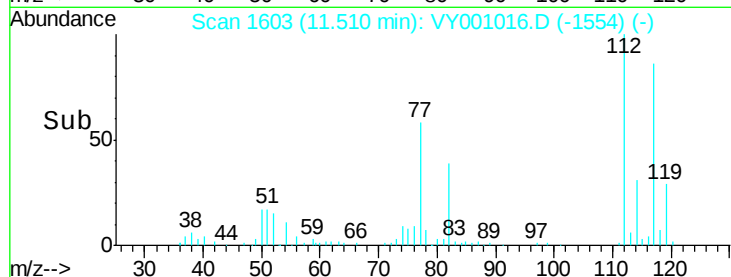
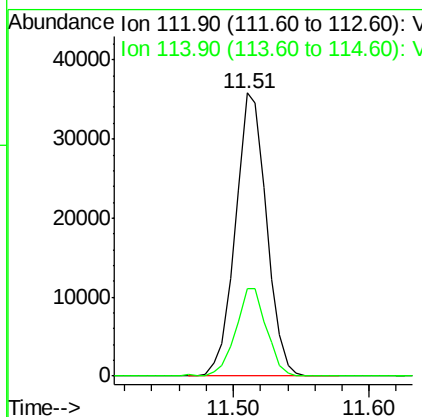
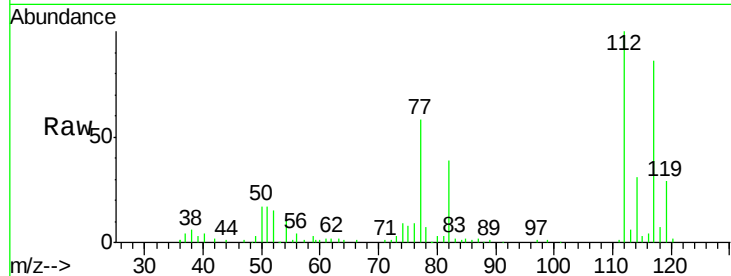
#65
Chlorobenzene
Concen: 5.540 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 56931
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

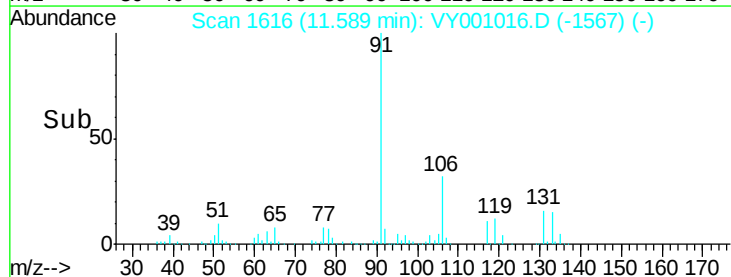
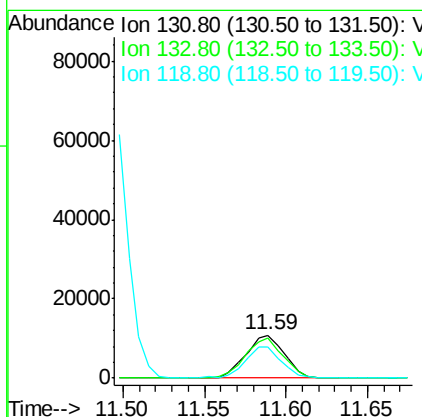
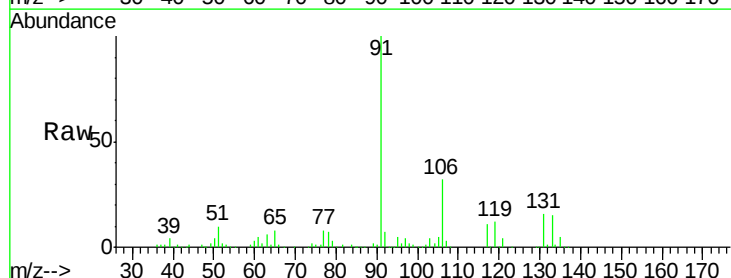
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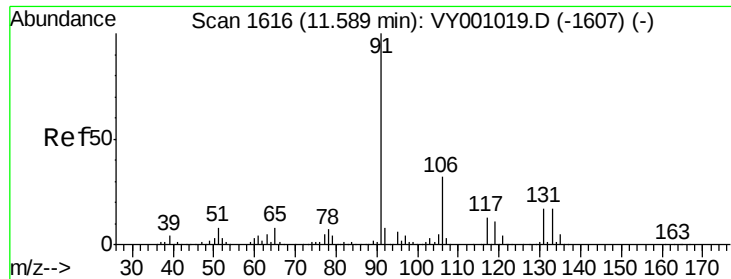
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.185 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion:131 Resp: 17614
Ion Ratio Lower Upper
131 100
133 92.8 48.1 144.4
119 69.0 34.0 101.8





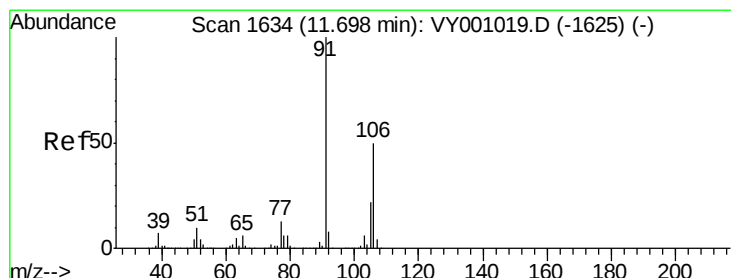
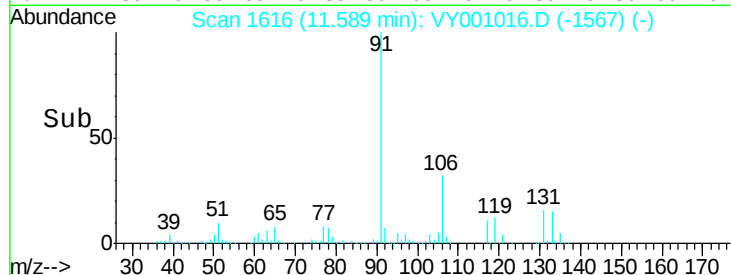
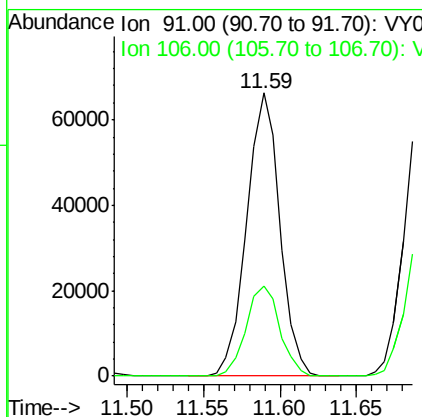
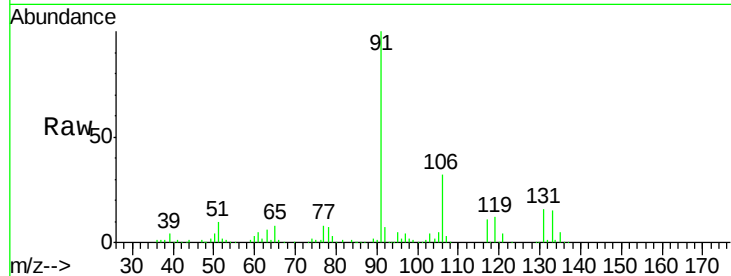
#67
Ethyl Benzene
Concen: 5.339 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 99629
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9

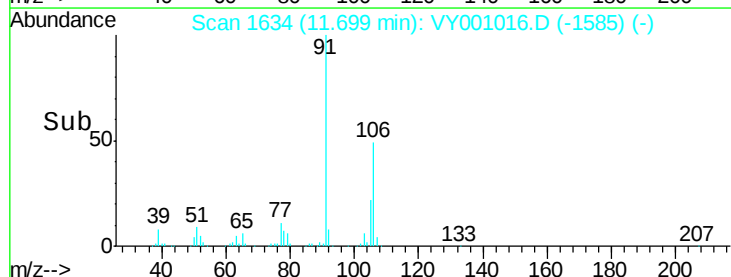
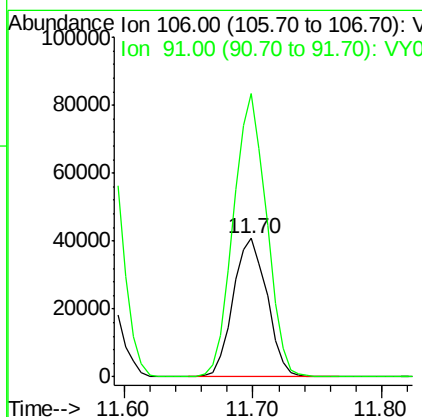
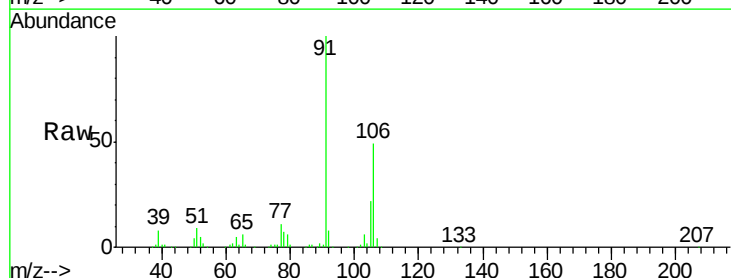
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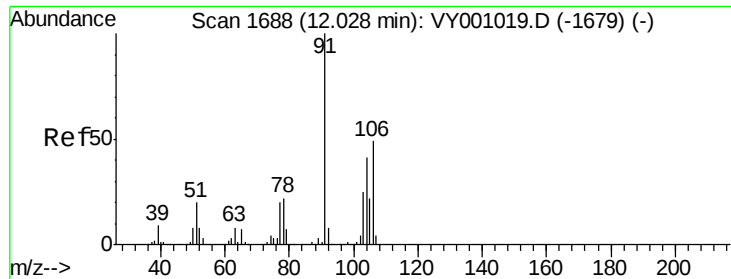
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#68
m/p-Xylenes
Concen: 10.609 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion: 106 Resp: 74718
Ion Ratio Lower Upper
106 100
91 198.8 156.4 234.6





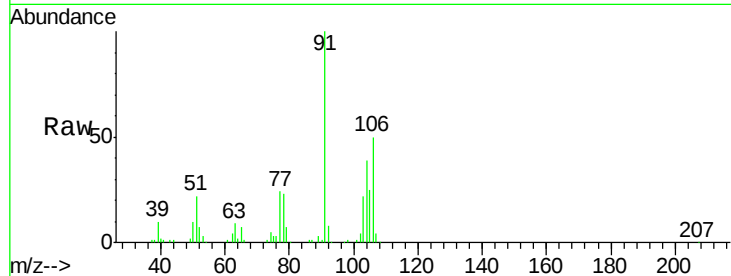
#69
o-Xylene
Concen: 5.365 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

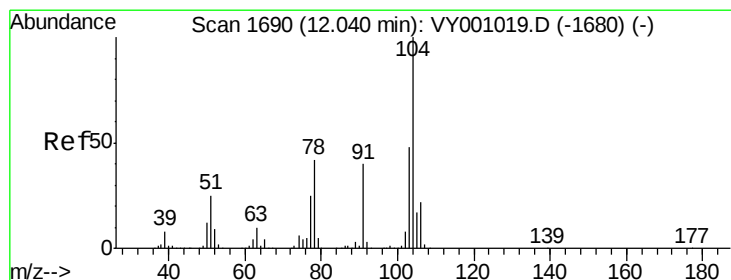
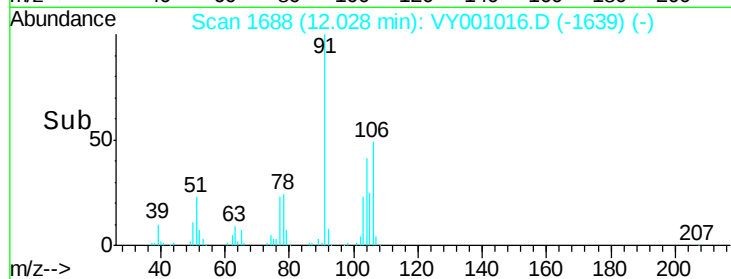
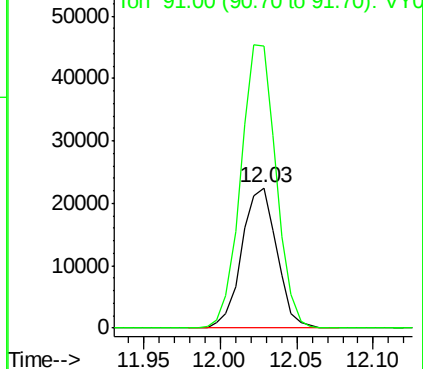
Tot Ion:106 Resp: 35630
Ion Ratio Lower Upper
106 100
91 203.1 103.0 309.0

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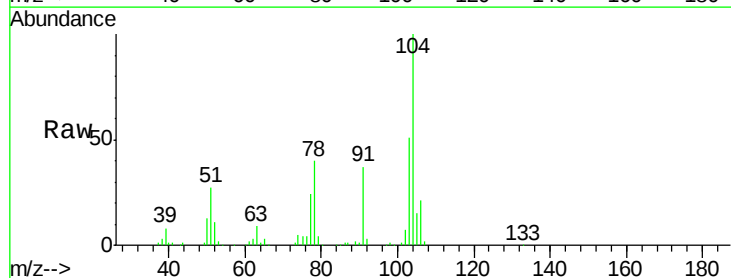


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

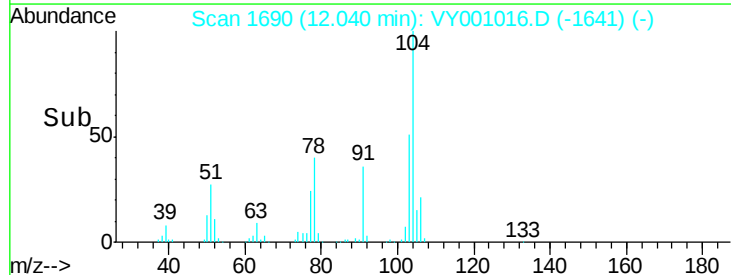
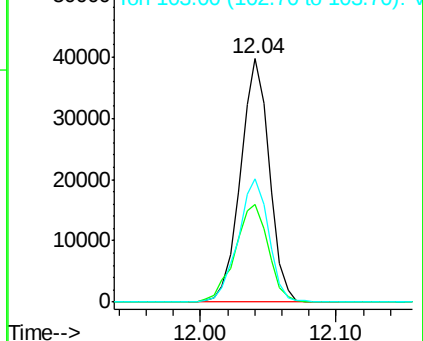


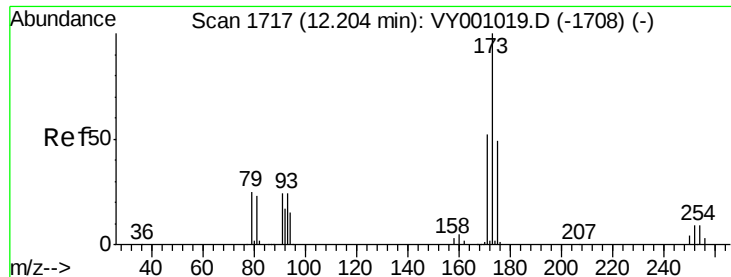
#70
Styrene
Concen: 5.196 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion:104 Resp: 58639
Ion Ratio Lower Upper
104 100
78 46.3 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





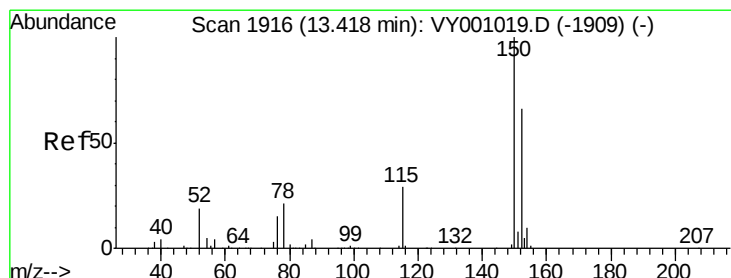
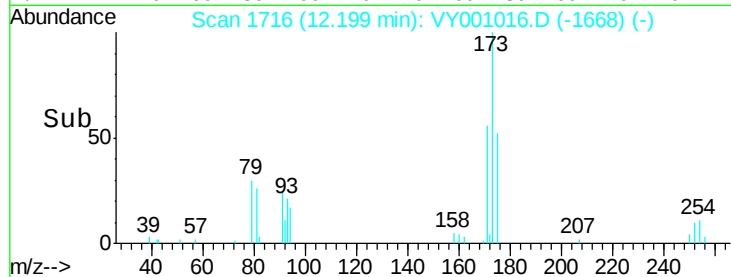
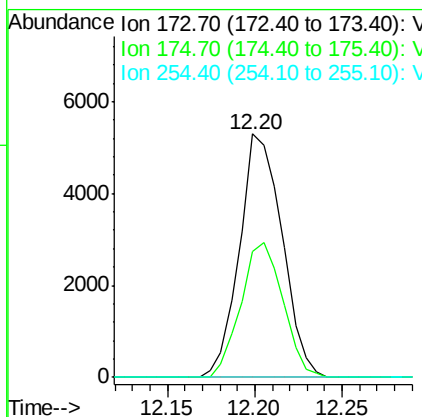
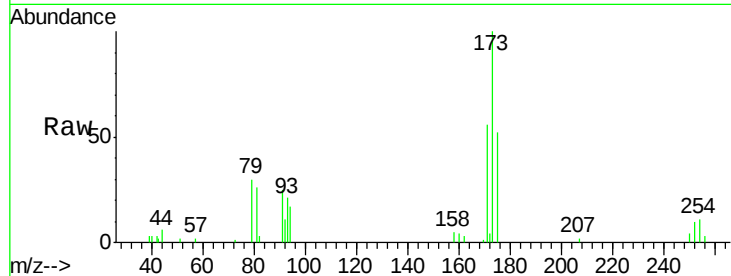
#71
Bromoform
Concen: 4.737 ug/l
RT: 12.20 min Scan# 1716
Delta R.T. -0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	54.8	24.5	73.5
254	0.0	0.0	0.0

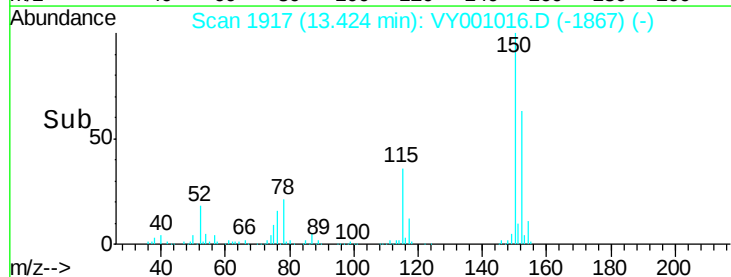
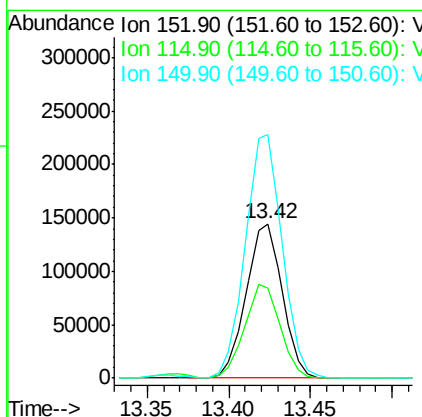
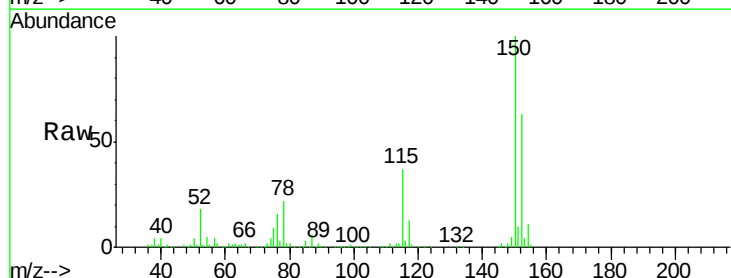
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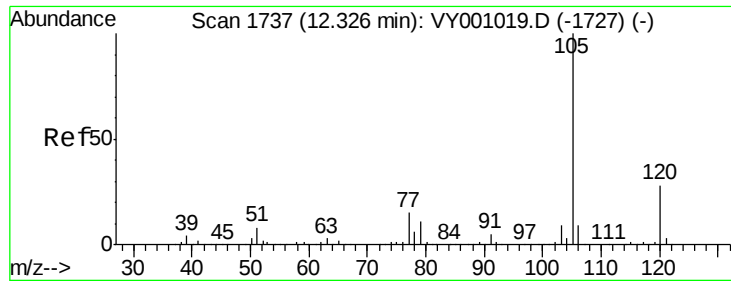
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.8	89.3
150	161.0	0.0	352.6





#73

Isopropylbenzene

Concen: 5.242 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 92521

Ion Ratio Lower Upper

105 100

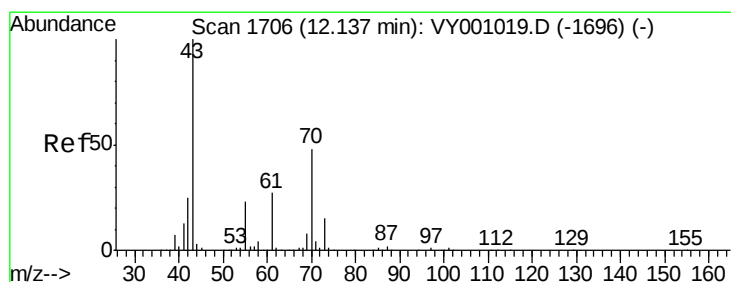
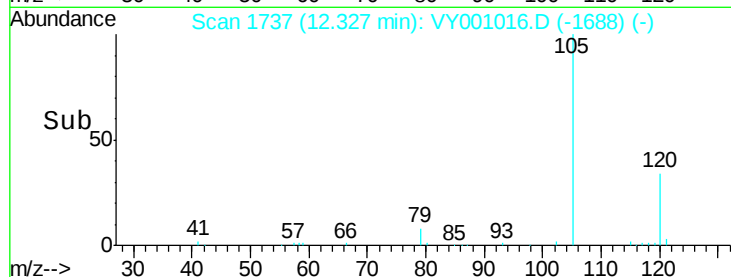
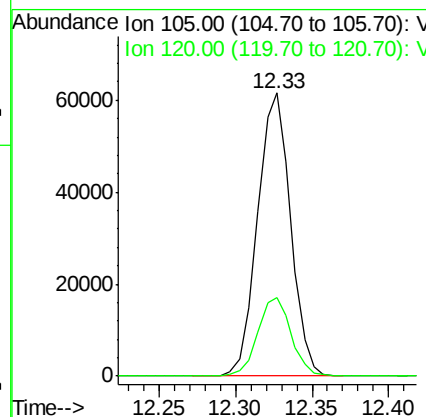
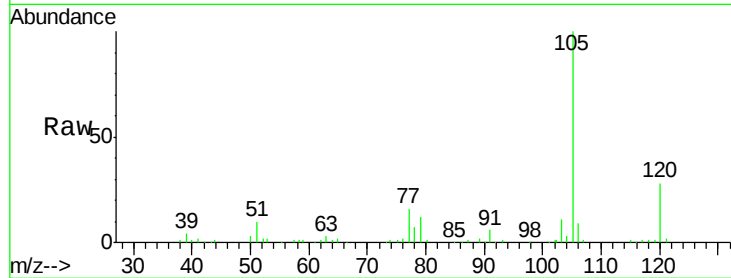
120 27.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 4.827 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion: 43 Resp: 22614

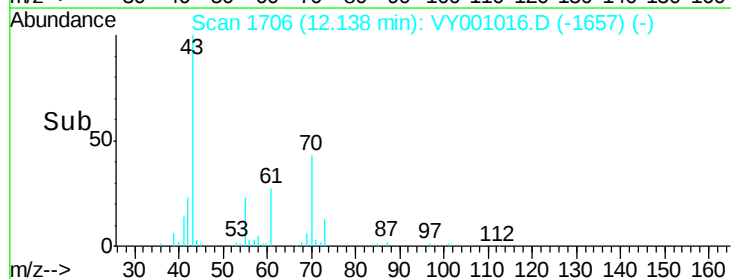
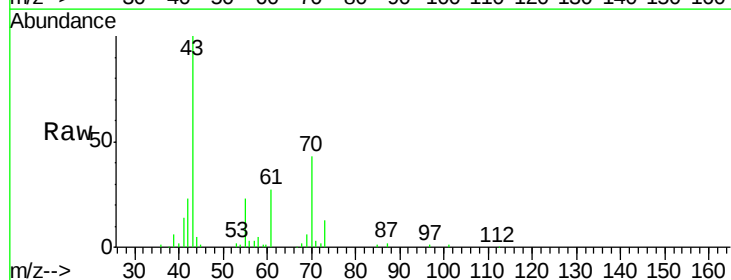
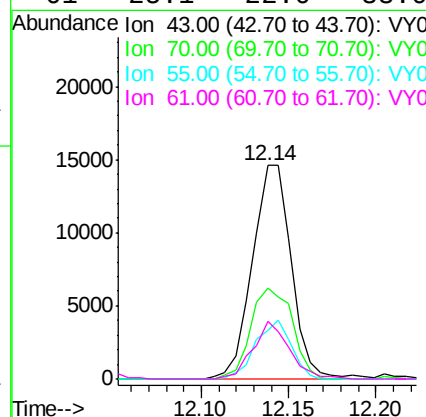
Ion Ratio Lower Upper

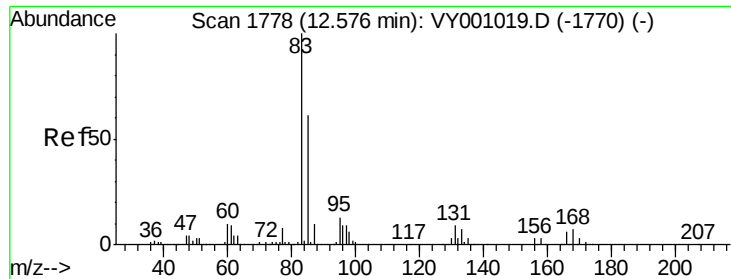
43 100

70 45.2 39.0 58.6

55 25.4 19.5 29.3

61 25.1 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.009 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

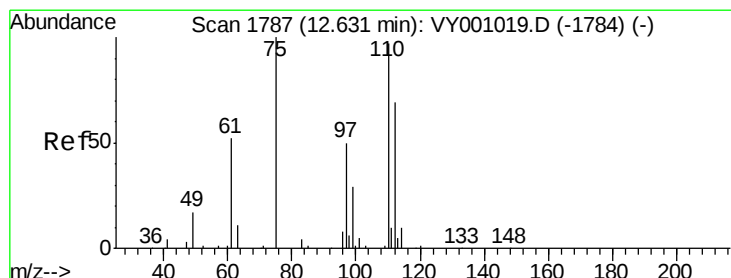
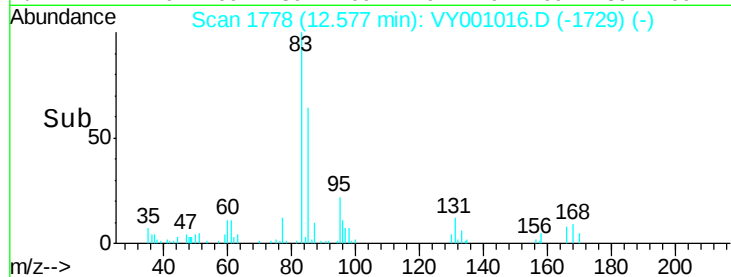
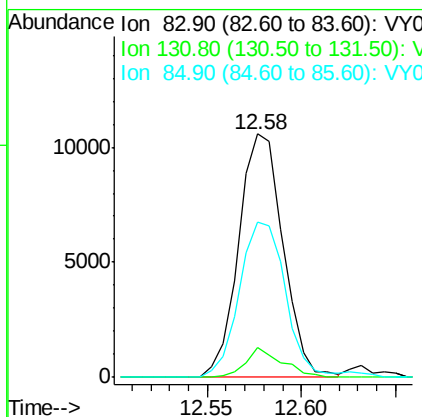
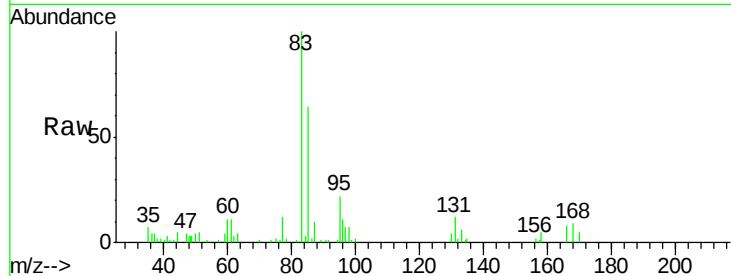
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	17293
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	66.0	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 4.151 ug/l m

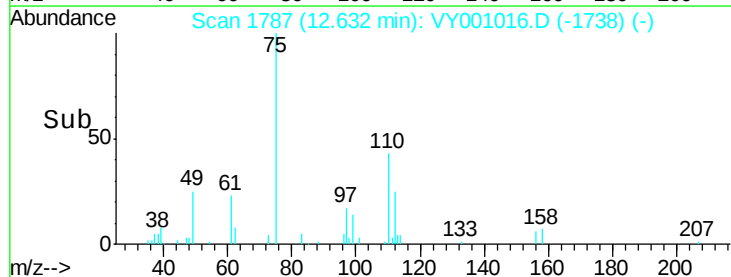
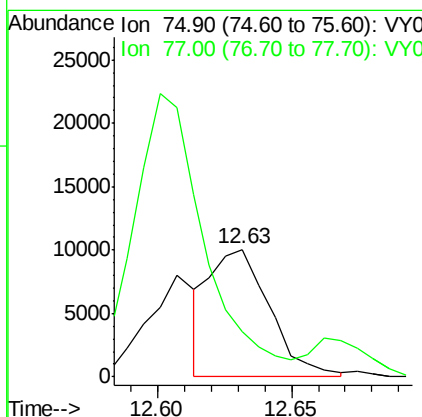
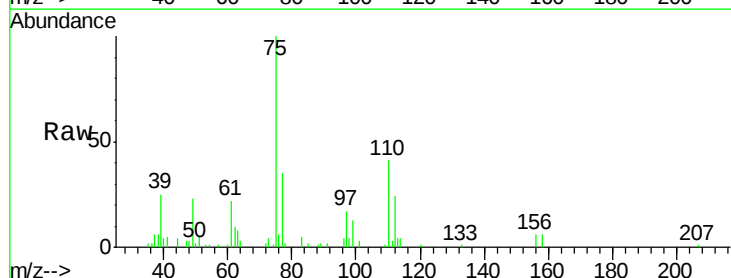
RT: 12.63 min Scan# 1787

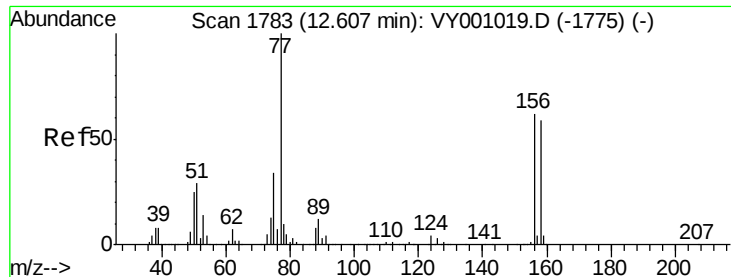
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	75	Resp:	15713
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.314 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

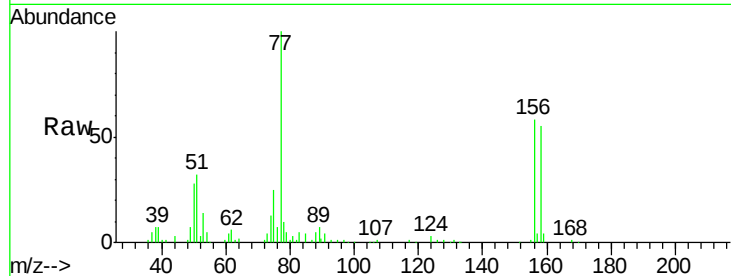
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	20837
Ion Ratio	Lower	Upper	
156	100		
77	196.3	98.0	294.1
158	101.9	48.5	145.6

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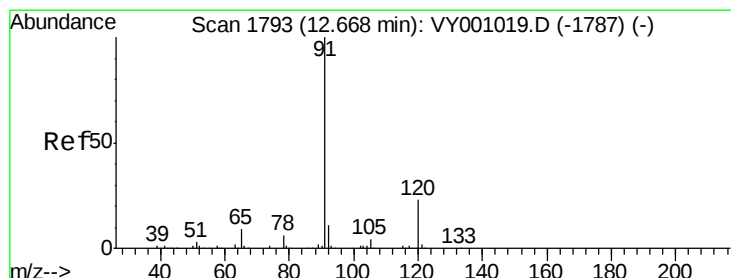
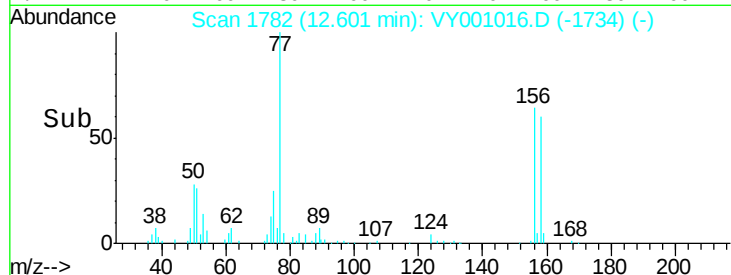
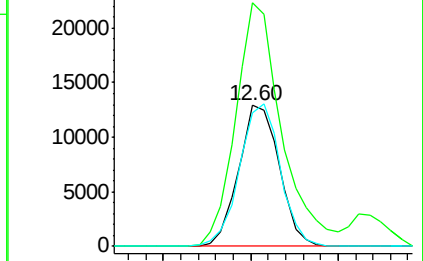
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.279 ug/l

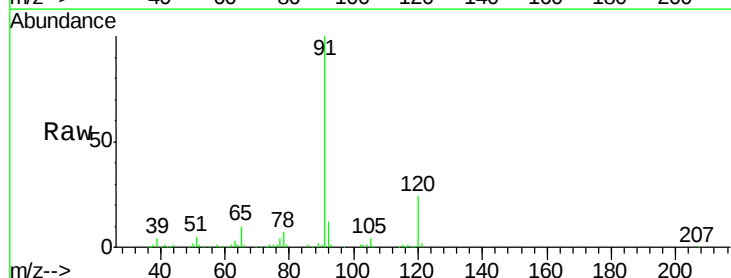
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001016.D

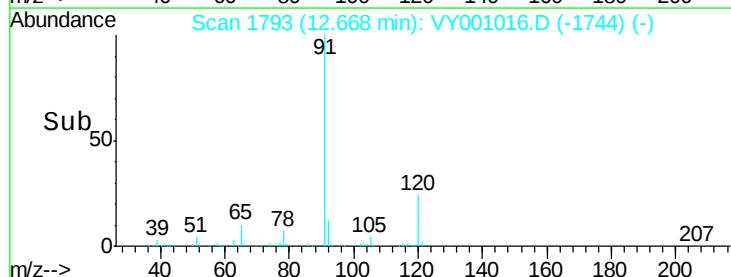
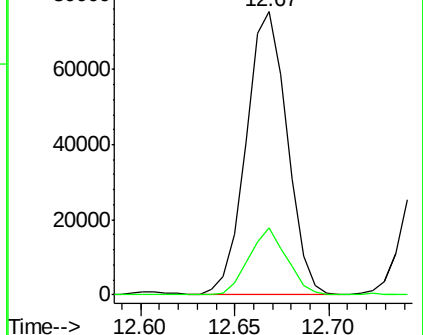
Acq: 23 Dec 2019 09:40

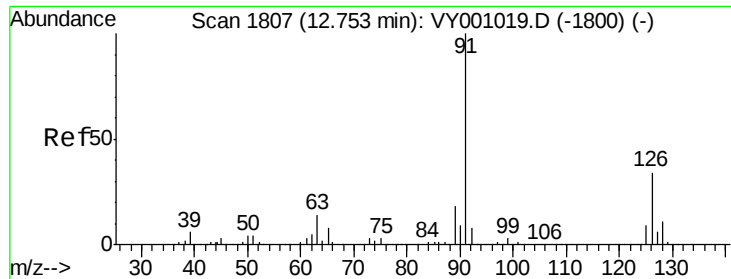
Tgt Ion:	91	Resp:	113283
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.471 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 64979

Ion Ratio Lower Upper

91 100

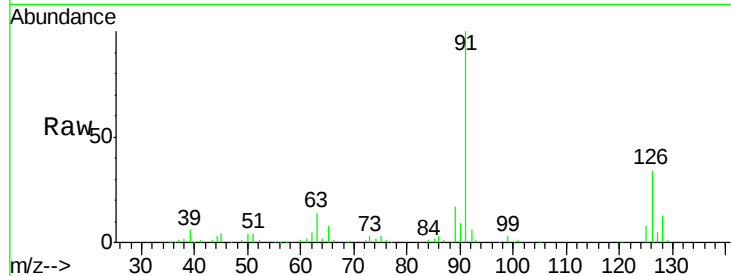
126 34.1 17.3 51.7

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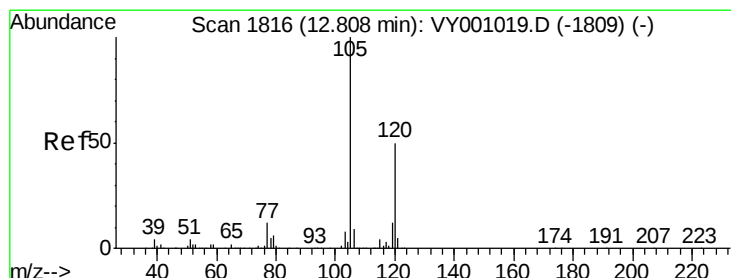
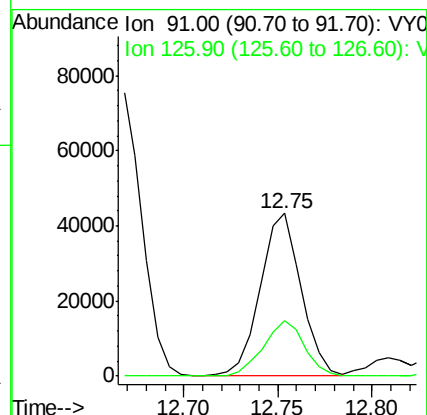
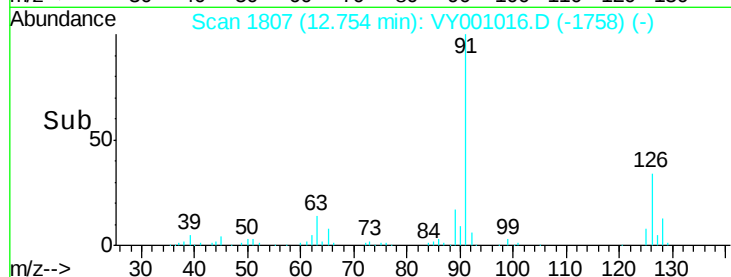
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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.295 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001016.D

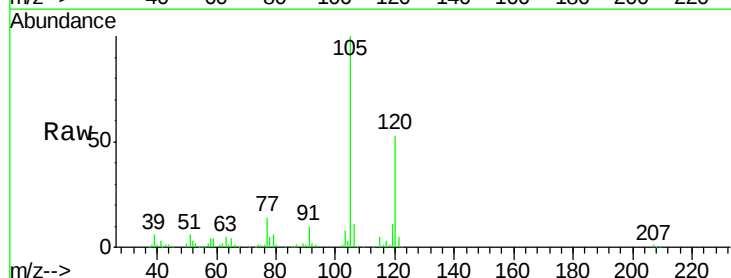
Acq: 23 Dec 2019 09:40

Tgt Ion: 105 Resp: 76454

Ion Ratio Lower Upper

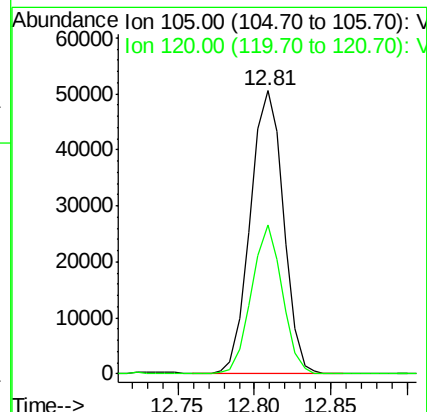
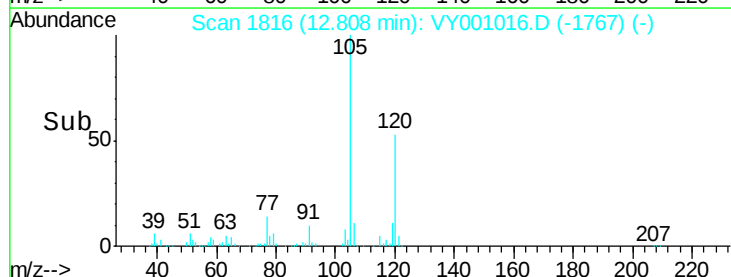
105 100

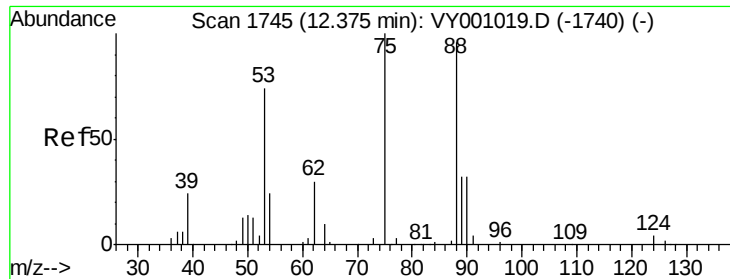
120 48.7 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.768 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

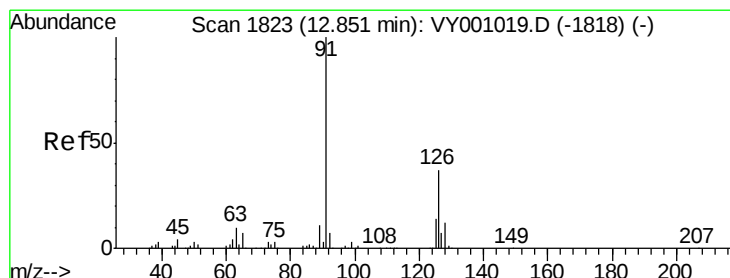
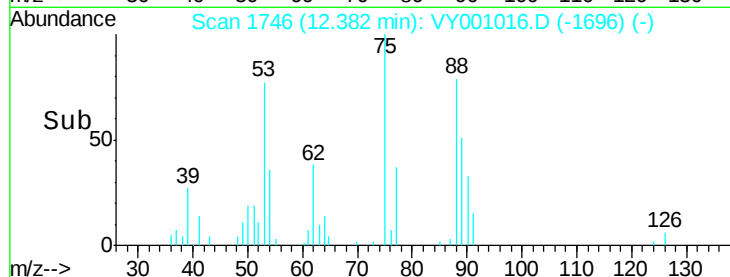
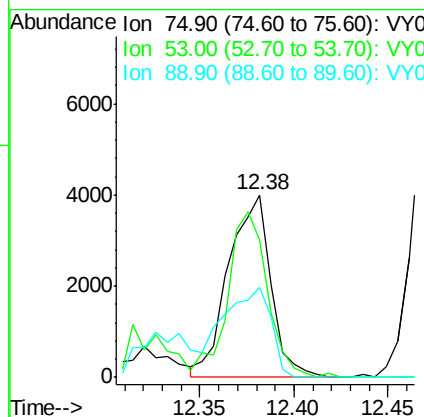
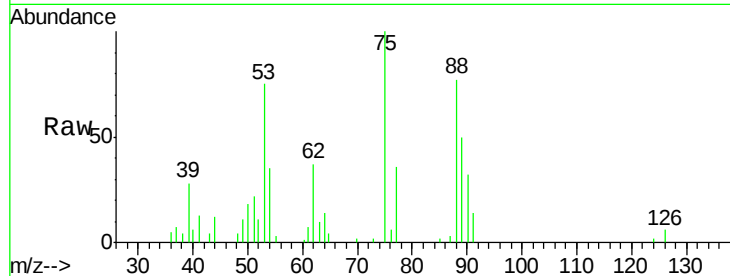
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	6216
Ion Ratio	Lower	Upper	
75	100		
53	85.4	60.6	91.0
89	54.7	35.4	53.0#

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#82

4-Chlorotoluene

Concen: 5.336 ug/l

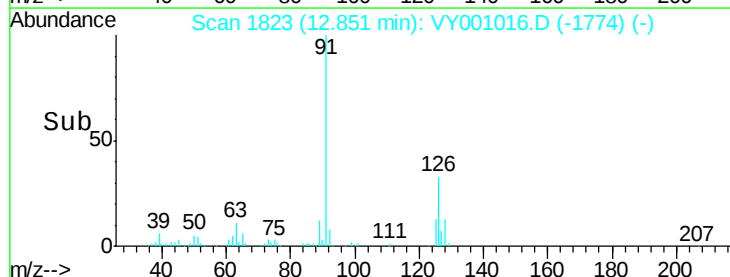
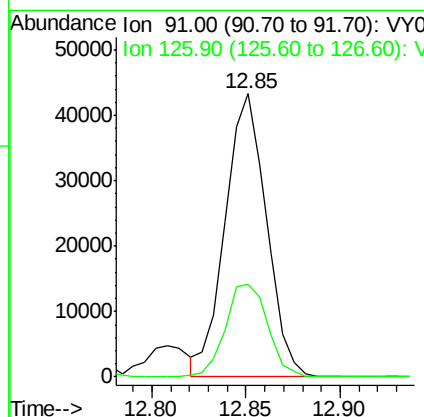
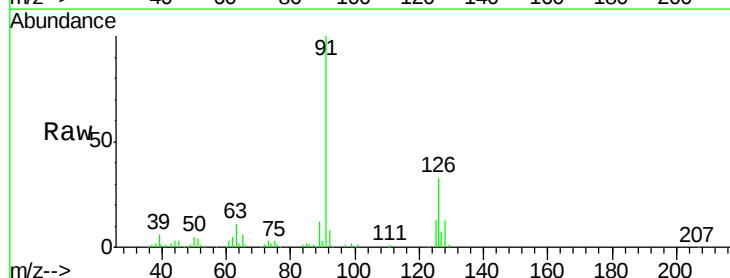
RT: 12.85 min Scan# 1823

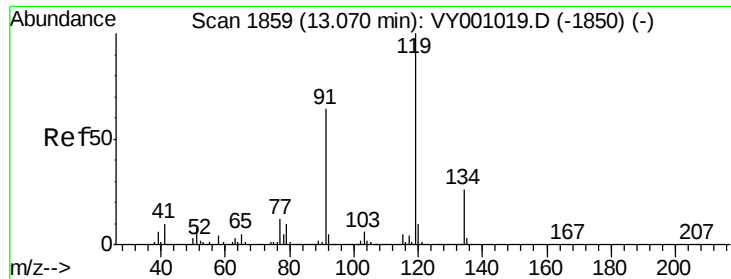
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion:	91	Resp:	65543
Ion Ratio	Lower	Upper	
91	100		
126	33.5	17.6	52.8





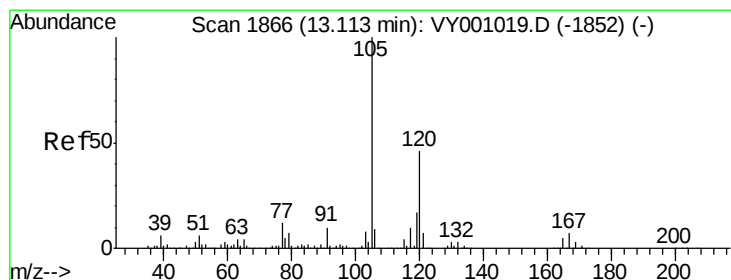
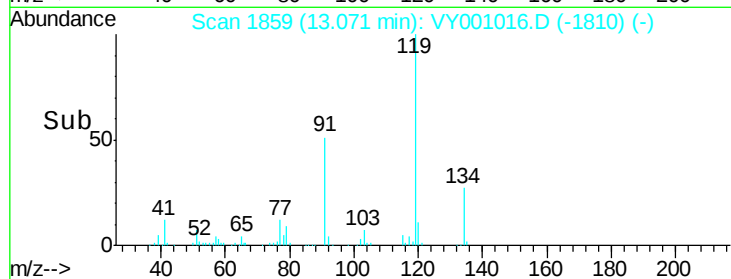
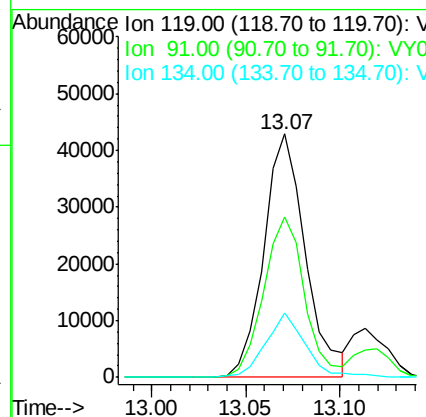
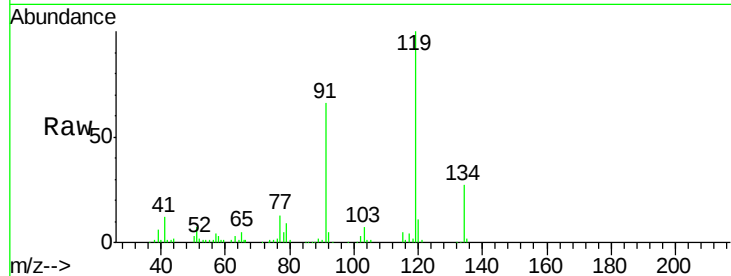
#83
tert-Butylbenzene
Concen: 5.375 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.9	95.7
134	25.4	13.6	40.7

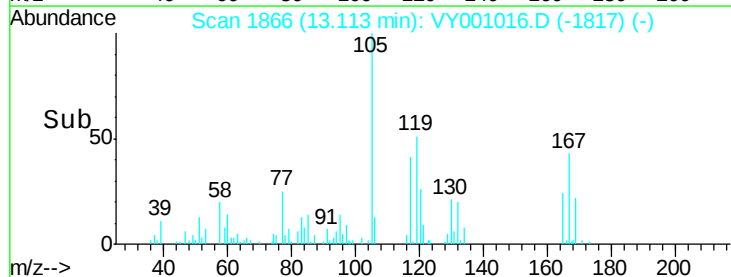
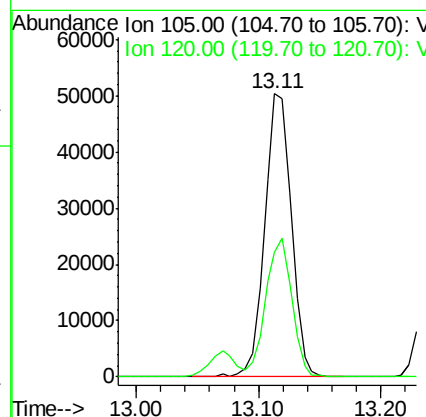
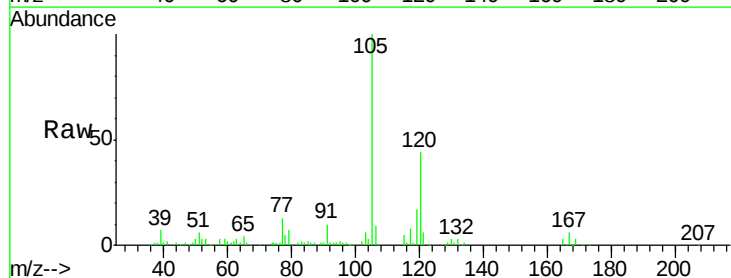
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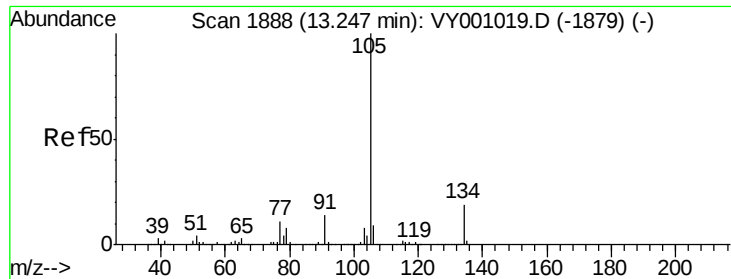
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#84
1,2,4-Trimethylbenzene
Concen: 5.283 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.4	70.2





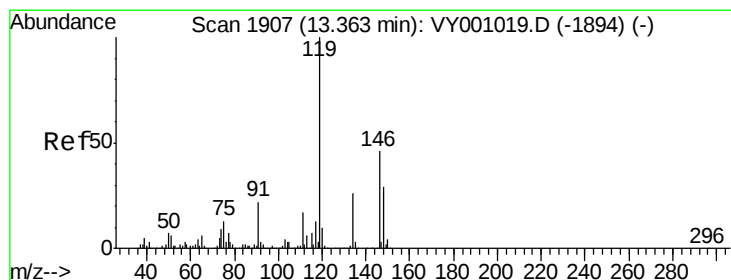
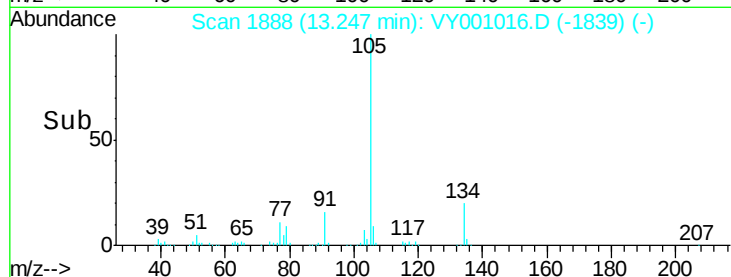
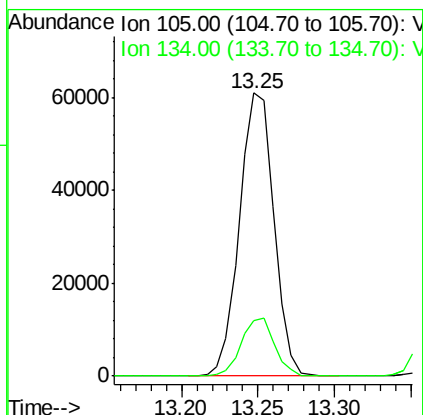
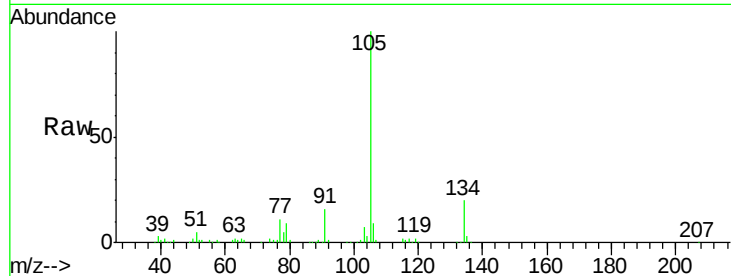
#85
 sec-Butylbenzene
 Concen: 5.328 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0

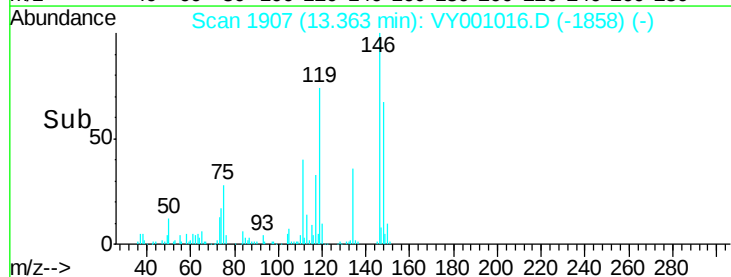
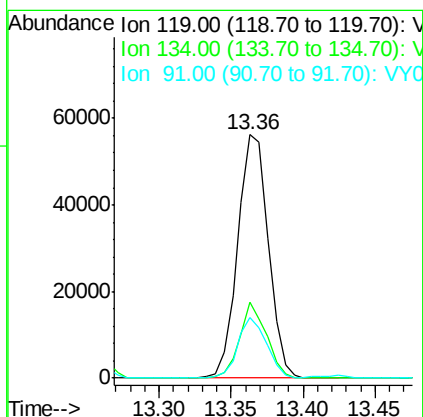
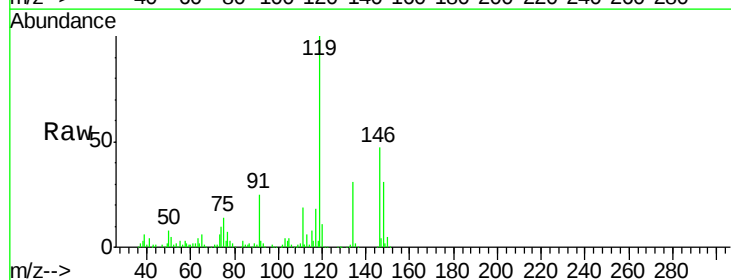
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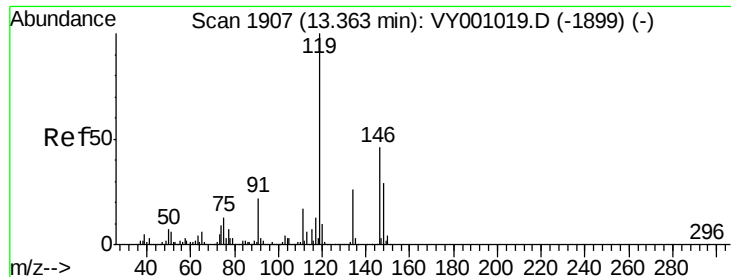
apatel
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#86
 p-Isopropyltoluene
 Concen: 5.375 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

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





#87

1,3-Dichlorobenzene

Concen: 5.446 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Instrument :

MSVOA_Y

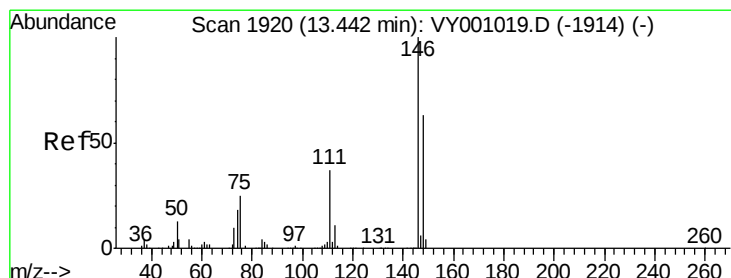
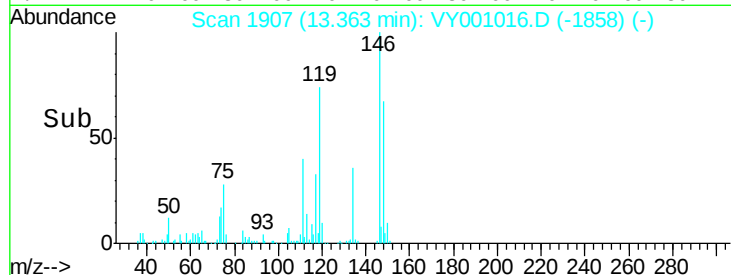
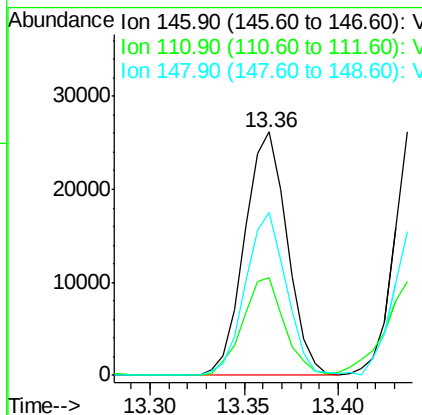
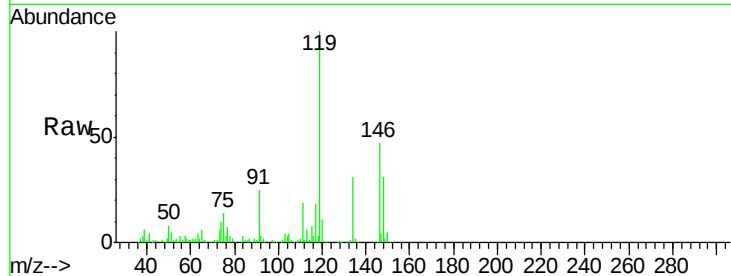
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	64.1	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 5.543 ug/l

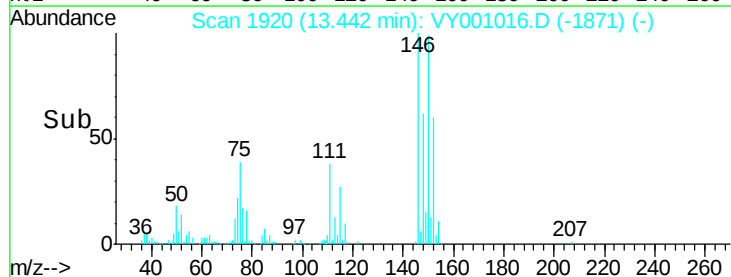
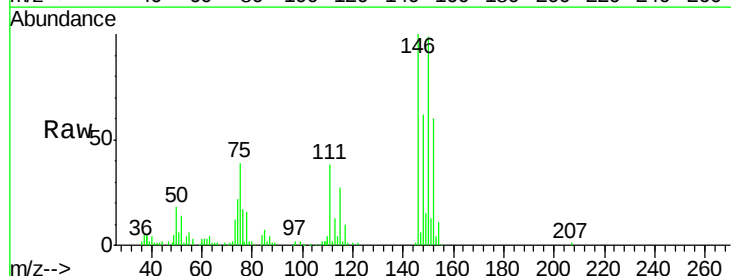
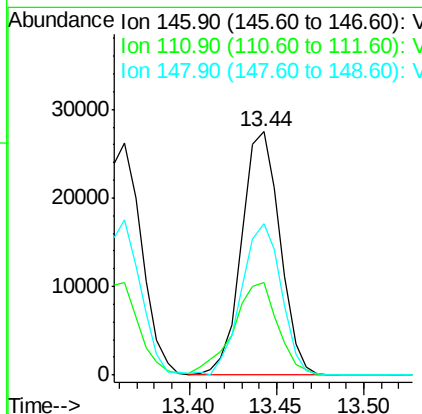
RT: 13.44 min Scan# 1920

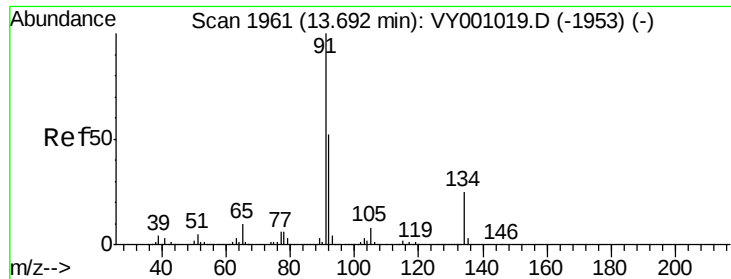
Delta R.T. 0.00 min

Lab File: VY001016.D

Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.4	58.2
148	64.6	31.8	95.3





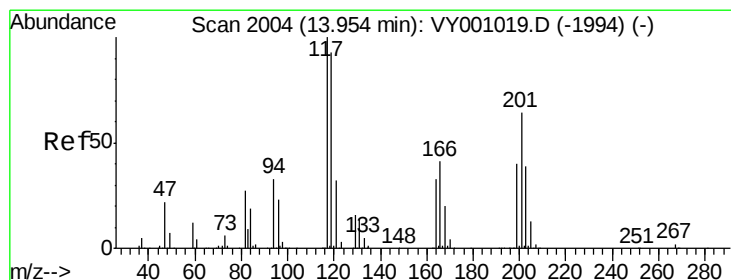
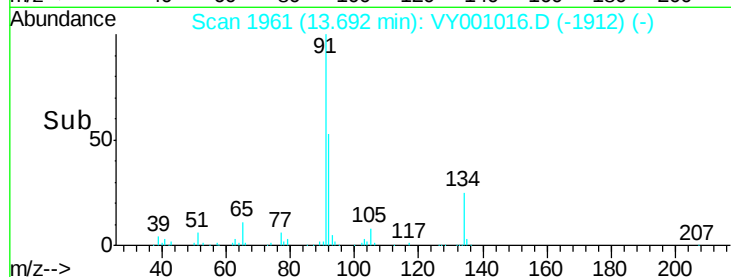
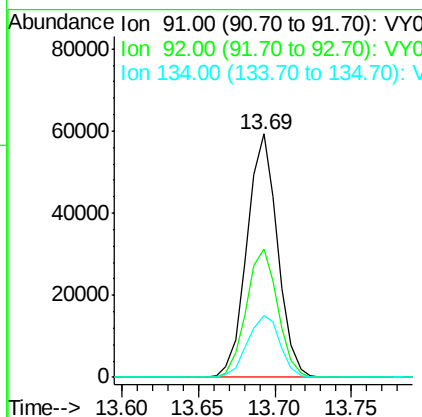
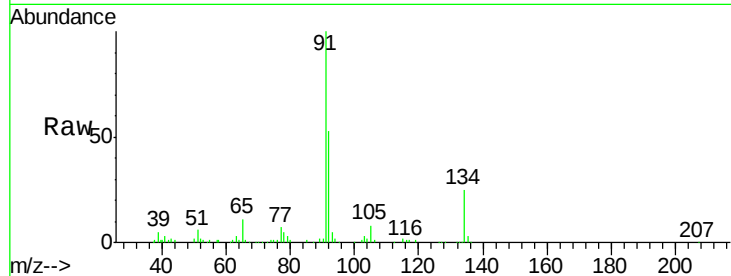
#89
n-Butylbenzene
Concen: 5.265 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	26.8	12.7	38.0

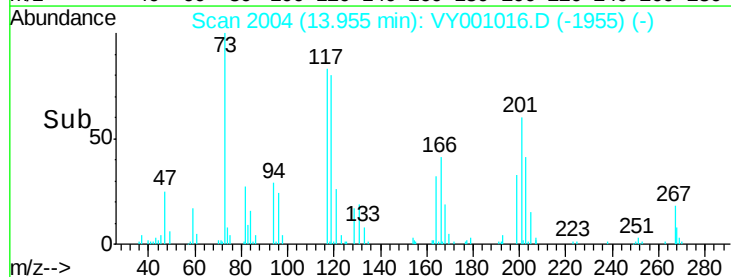
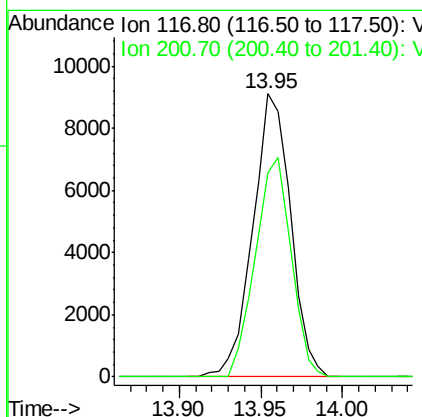
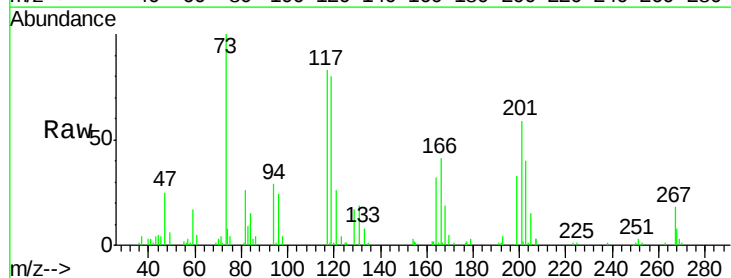
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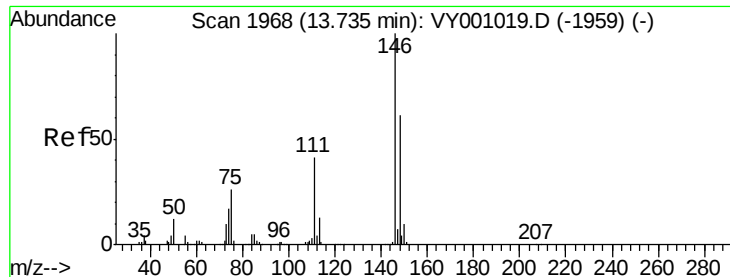
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#90
Hexachloroethane
Concen: 5.051 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	33.7	101.1





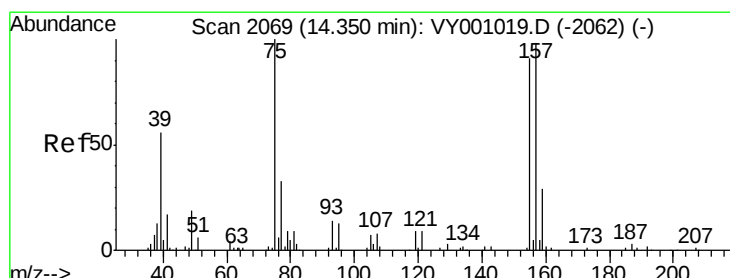
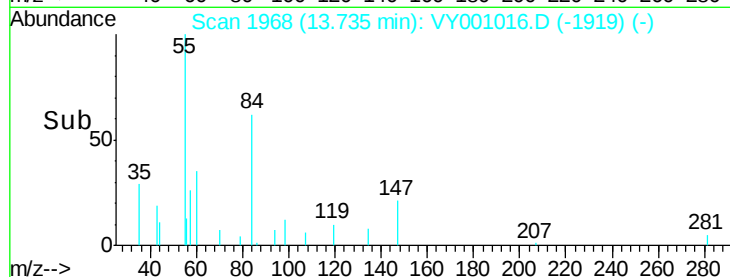
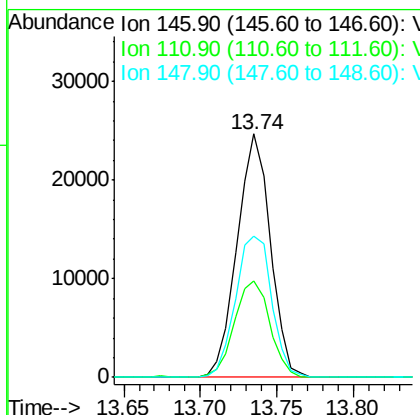
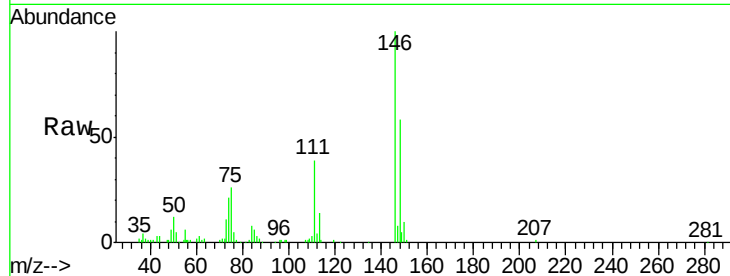
#91
 1,2-Dichlorobenzene
 Concen: 5.372 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.9
148	63.3	31.6	94.7

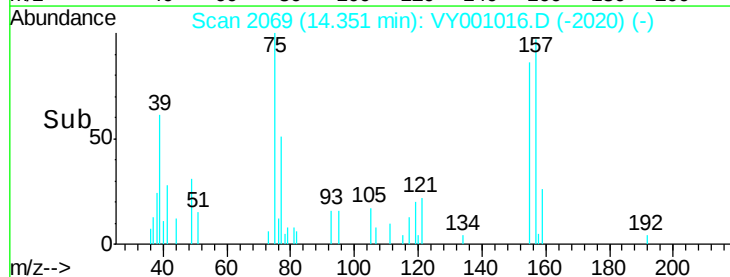
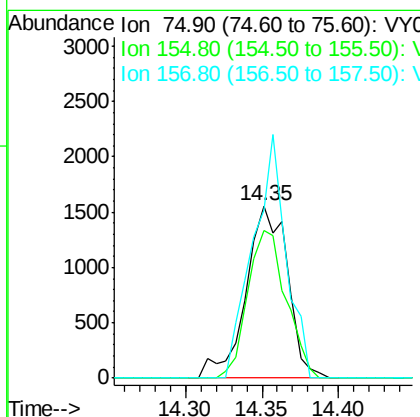
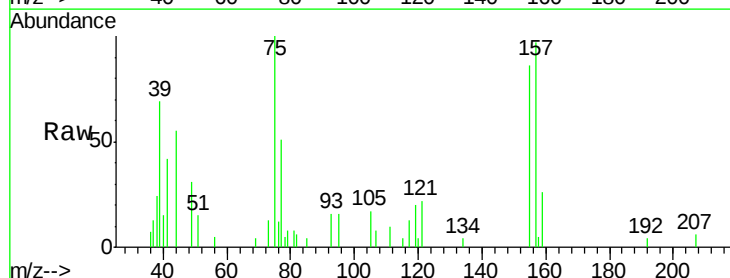
Manual Integrations
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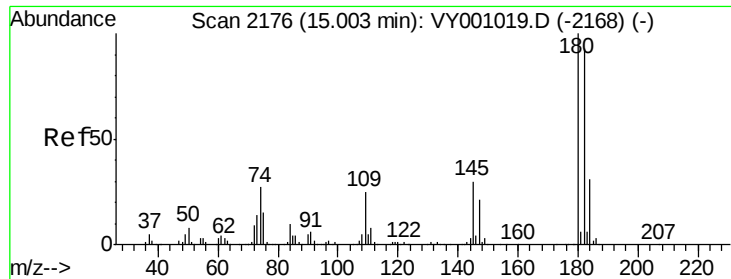
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.108 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	46.3	138.9
157	112.2	58.1	174.4





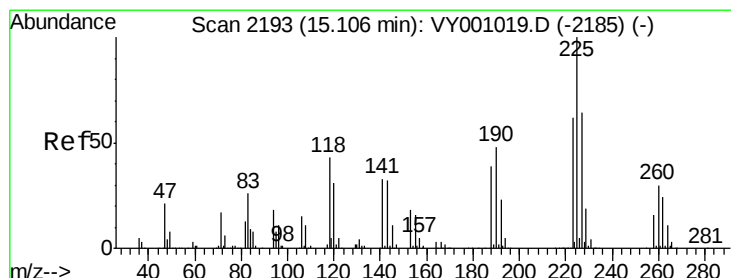
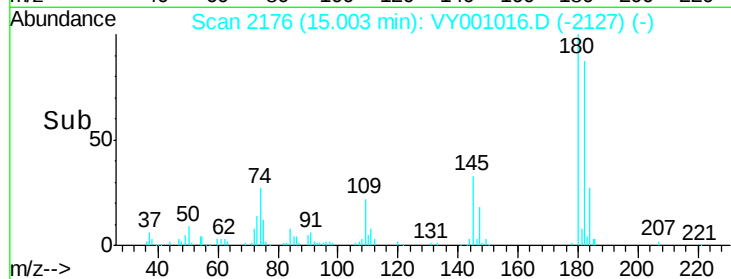
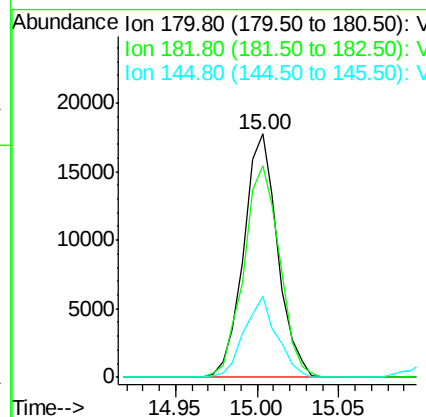
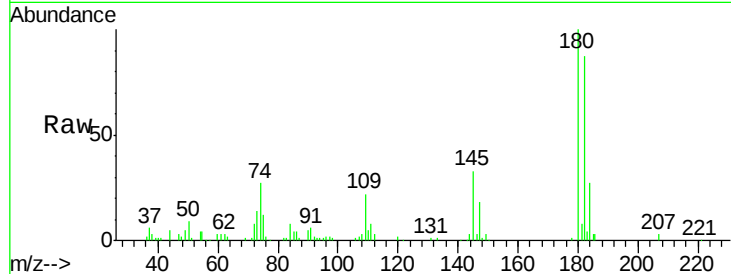
#93
 1,2,4-Trichlorobenzene
 Concen: 5.523 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.8	140.3
145	31.9	15.3	45.9

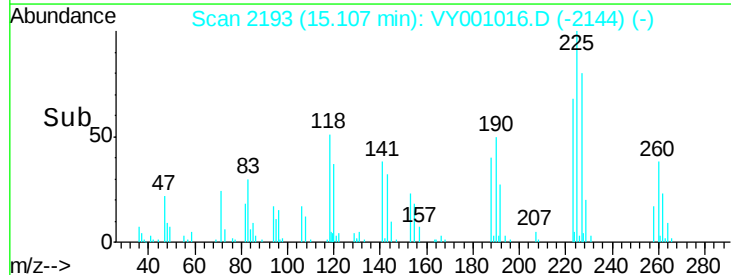
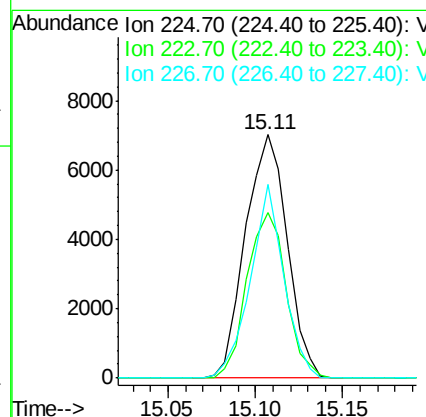
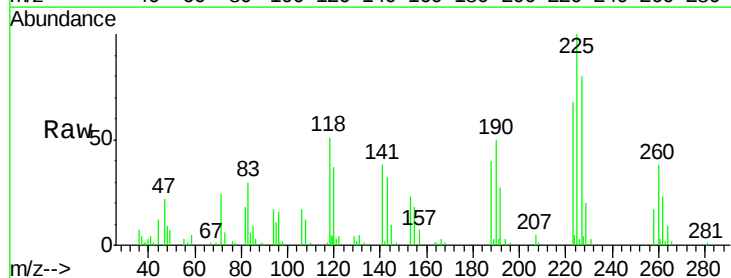
Manual Integrations
 APPROVED

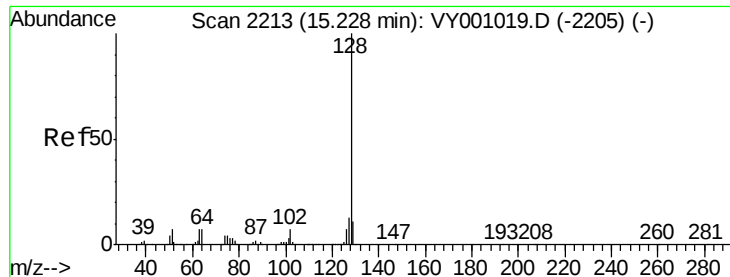
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#94
 Hexachlorobutadiene
 Concen: 5.237 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001016.D
 Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	94.8
227	63.8	31.9	95.5





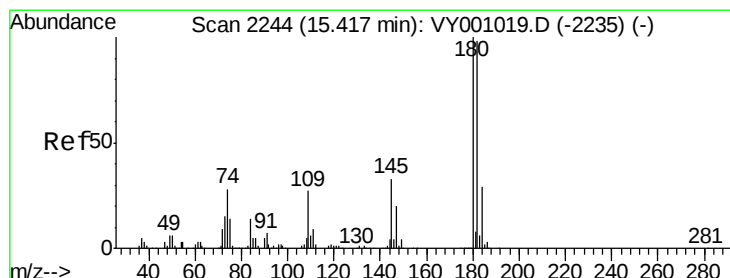
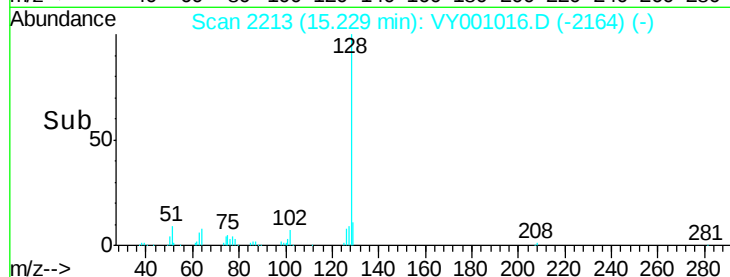
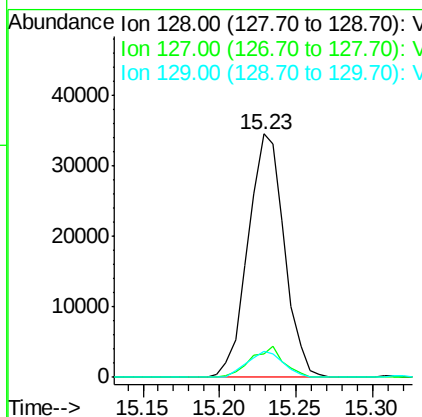
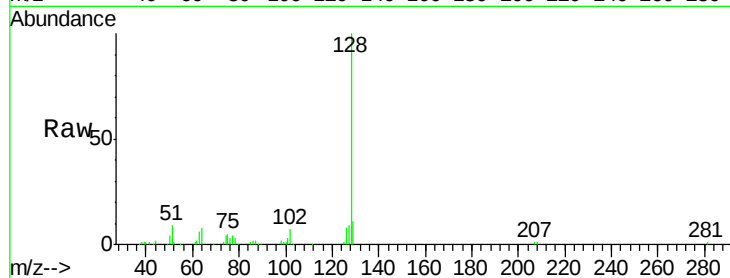
#95
Naphthalene
Concen: 5.222 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.9	14.9
129	10.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.406 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001016.D
Acq: 23 Dec 2019 09:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.8
145	35.0	16.3	48.9

