

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000892.D
 Acq On : 05 Dec 2019 19:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:40 AM

Quant Time: Dec 06 05:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	595020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	524829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	179379	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.74	113	177473	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.18	98	712838	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	249135	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	149387	42.119	ug/l	98
3) Chloromethane	2.11	50	188278	43.064	ug/l	100
4) Vinyl Chloride	2.25	62	191469	44.436	ug/l	99
5) Bromomethane	2.65	94	119967	45.800	ug/l	93
6) Chloroethane	2.80	64	121695	46.064	ug/l	96
7) Trichlorofluoromethane	3.13	101	286951	48.594	ug/l	92
8) Diethyl Ether	3.54	74	120808	54.356	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	180817	49.584	ug/l	99
10) Methyl Iodide	4.10	142	240497	52.381	ug/l	98
11) Tert butyl alcohol	4.97	59	88912	252.423	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186101	51.514	ug/l	93
13) Acrolein	3.74	56	86130	248.232	ug/l	97
14) Allyl chloride	4.49	41	309232	49.921	ug/l	97
15) Acrylonitrile	5.18	53	306595	267.147	ug/l	98
16) Acetone	3.96	43	202681	252.361	ug/l	99
17) Carbon Disulfide	4.20	76	566719	48.503	ug/l	99
18) Methyl Acetate	4.49	43	178687	53.209	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	522068	54.111	ug/l	99
20) Methylene Chloride	4.72	84	224099	52.934	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	209493	51.019	ug/l	96
22) Diisopropyl ether	6.13	45	652701	51.267	ug/l	99
23) Vinyl Acetate	6.07	43	2017439	260.654	ug/l	99
24) 1,1-Dichloroethane	6.03	63	360379	51.357	ug/l	97
25) 2-Butanone	7.00	43	369770	249.236	ug/l	94
26) 2,2-Dichloropropane	6.99	77	285746	48.383	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	234110	52.744	ug/l	97
28) Bromochloromethane	7.35	49	148609	57.448	ug/l	98
29) Tetrahydrofuran	7.36	42	261038	265.519	ug/l	100
30) Chloroform	7.52	83	349749	49.685	ug/l	98
31) Cyclohexane	7.79	56	349273	46.986	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	291480	50.145	ug/l	99
36) 1,1-Dichloropropene	7.92	75	280206	47.362	ug/l	99
37) Ethyl Acetate	7.09	43	167844	49.133	ug/l	99
38) Carbon Tetrachloride	7.91	117	252407	47.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	371733	47.425	ug/l	99
40) Benzene	8.17	78	853317	49.516	ug/l	100
41) Methacrylonitrile	7.33	41	86905m	48.267	ug/l	
42) 1,2-Dichloroethane	8.25	62	222221	49.032	ug/l	99
43) Isopropyl Acetate	8.28	43	313520	48.701	ug/l	97
44) Trichloroethene	8.94	130	224318	50.649	ug/l	94
45) 1,2-Dichloropropane	9.22	63	221643	51.203	ug/l	95
46) Dibromomethane	9.31	93	116042	51.308	ug/l	99
47) Bromodichloromethane	9.50	83	273725	51.519	ug/l	98
48) Methyl methacrylate	9.30	41	142273	50.258	ug/l	94
49) 1,4-Dioxane	9.30	88	32493	1013.935	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	834477	250.881	ug/l	99
52) Toluene	10.24	92	523831	49.094	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297943	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	351601	52.112	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	172451	51.609	ug/l	96
56) Ethyl methacrylate	10.51	69	255054	53.357	ug/l	98
57) 1,3-Dichloropropane	10.79	76	299827	51.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	468820	243.239	ug/l	98
59) 2-Hexanone	10.83	43	578004	238.479	ug/l	98
60) Dibromochloromethane	10.99	129	189215	52.601	ug/l	99
61) 1,2-Dibromoethane	11.09	107	167614	53.225	ug/l	97
64) Tetrachloroethene	10.72	164	232043	50.888	ug/l	96
65) Chlorobenzene	11.51	112	547339	50.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	193082	52.518	ug/l	100
67) Ethyl Benzene	11.59	91	1006413	49.534	ug/l	99
68) m/p-Xylenes	11.70	106	755421	99.058	ug/l	100
69) o-Xylene	12.03	106	359265	50.526	ug/l	100
70) Styrene	12.04	104	625481	51.373	ug/l	99
71) Bromoform	12.20	173	111444	53.746	ug/l #	99
73) Isopropylbenzene	12.33	105	952488	49.292	ug/l	100
74) N-amyl acetate	12.14	43	274174	50.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	194535	51.094	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	164806m	59.938	ug/l	
77) Bromobenzene	12.61	156	214379	51.182	ug/l	99
78) n-propylbenzene	12.67	91	1169074	49.550	ug/l	100
79) 2-Chlorotoluene	12.75	91	641891	49.245	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	799340	49.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72128	51.527	ug/l	99
82) 4-Chlorotoluene	12.85	91	676538	50.379	ug/l	99
83) tert-Butylbenzene	13.07	119	651359	48.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	794689	49.647	ug/l	99
85) sec-Butylbenzene	13.25	105	966497	49.405	ug/l	99
86) p-Isopropyltoluene	13.36	119	836590	49.167	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	409746	49.867	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	409088	50.282	ug/l	99
89) n-Butylbenzene	13.69	91	841215	48.898	ug/l	100
90) Hexachloroethane	13.95	117	160365	51.162	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	378100	51.157	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	33014	51.793	ug/l	98

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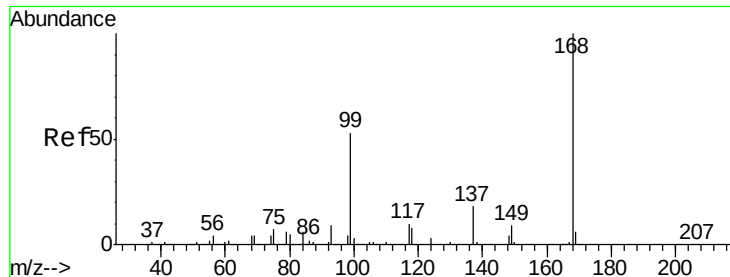
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	254090	50.805	ug/l	99
94) Hexachlorobutadiene	15.11	225	123234	49.699	ug/l	99
95) Naphthalene	15.23	128	623353	53.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228714	51.198	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 329486

Ion Ratio Lower Upper

168 100

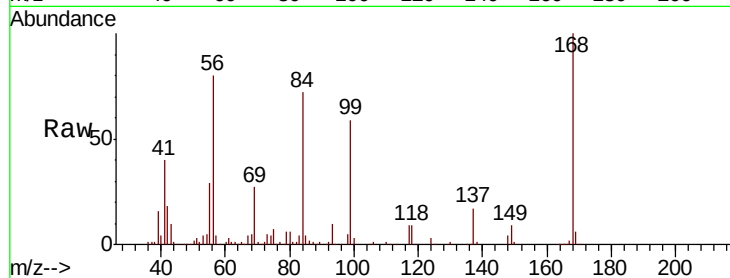
99 59.5 45.0 67.6

Manual Integrations

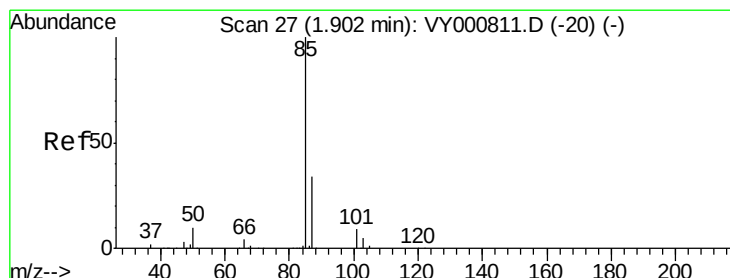
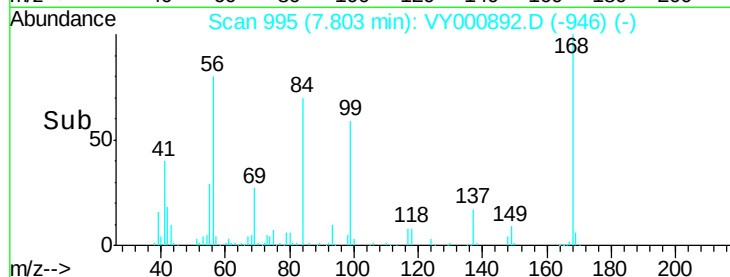
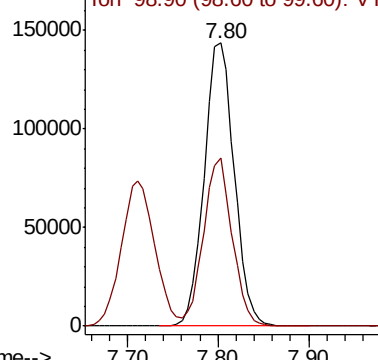
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Abundance Ion 167.90 (167.60 to 168.60): VY000892.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 42.119 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000892.D

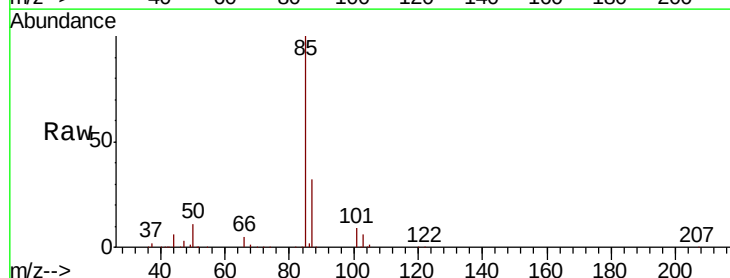
Acq: 05 Dec 2019 19:15

Tgt Ion: 85 Resp: 149387

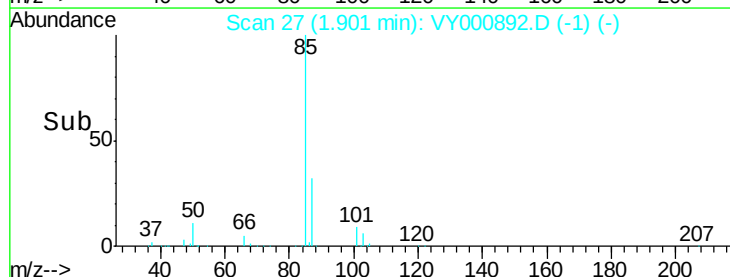
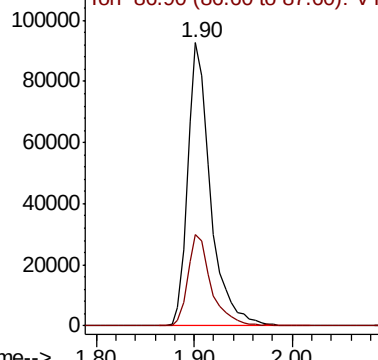
Ion Ratio Lower Upper

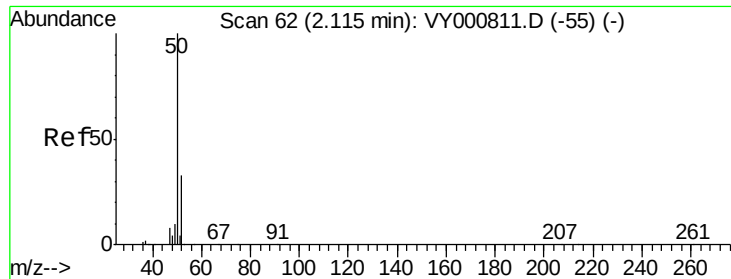
85 100

87 32.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000892.D (-1) (-)





#3

Chloromethane

Concen: 43.064 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 188278

Ion Ratio Lower Upper

50 100

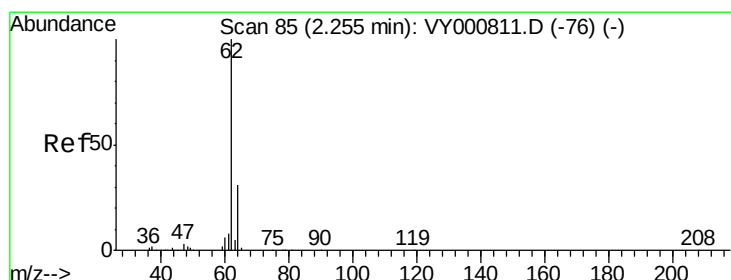
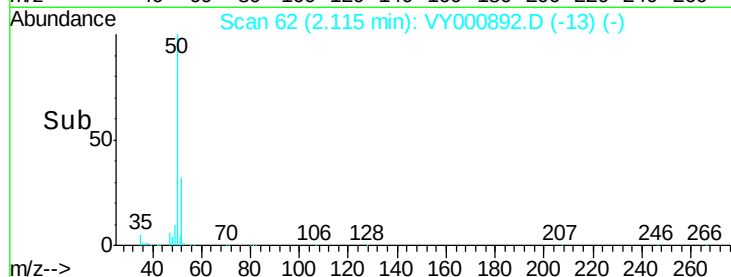
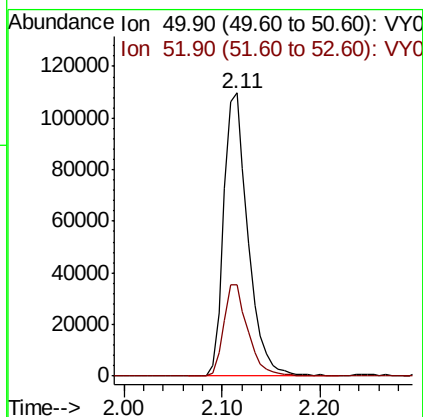
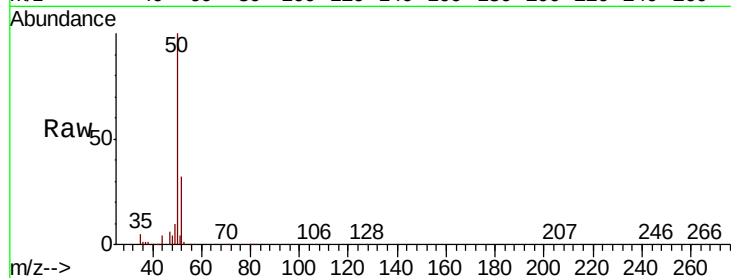
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.436 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000892.D

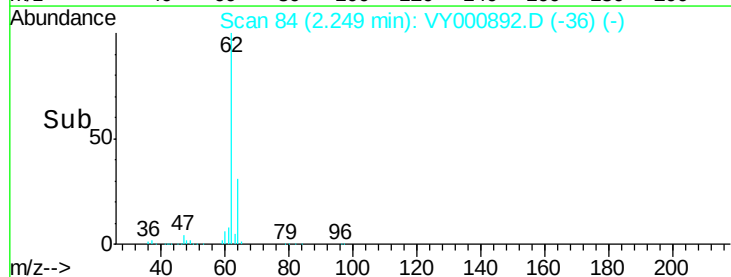
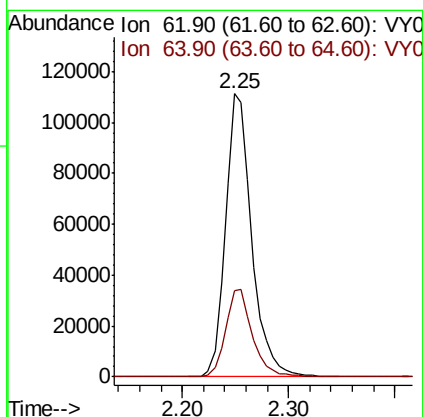
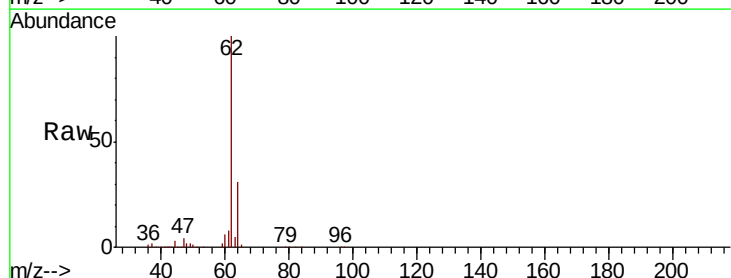
Acq: 05 Dec 2019 19:15

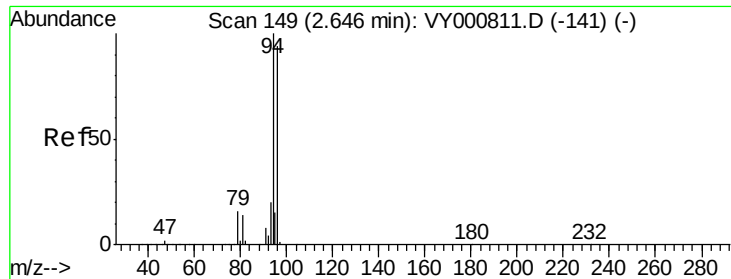
Tgt Ion: 62 Resp: 191469

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 45.800 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 119967

Ion Ratio Lower Upper

94 100

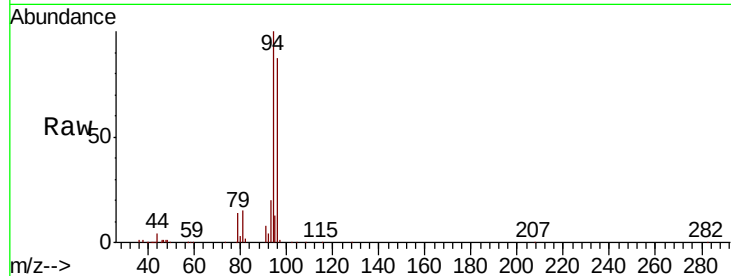
96 86.9 75.2 112.8

Manual Integrations

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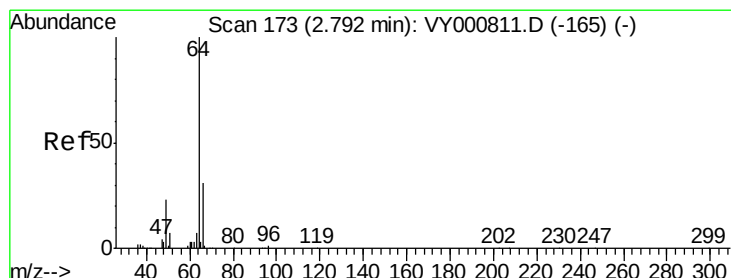
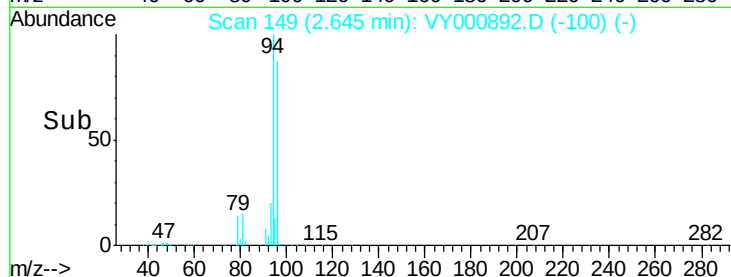
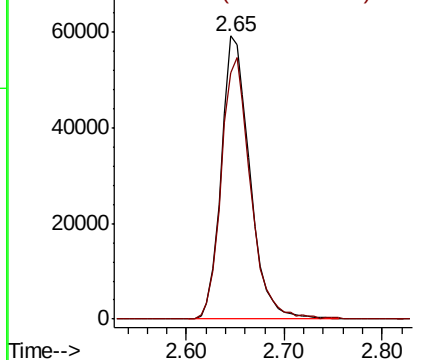
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.064 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000892.D

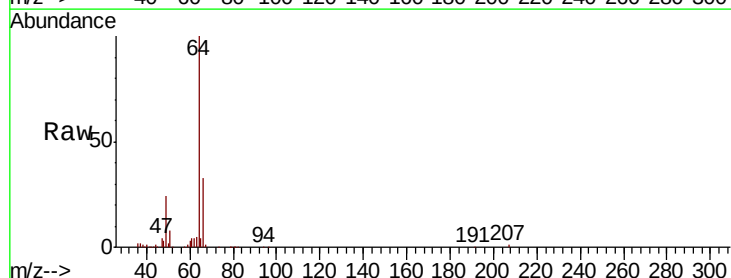
Acq: 05 Dec 2019 19:15

Tgt Ion: 64 Resp: 121695

Ion Ratio Lower Upper

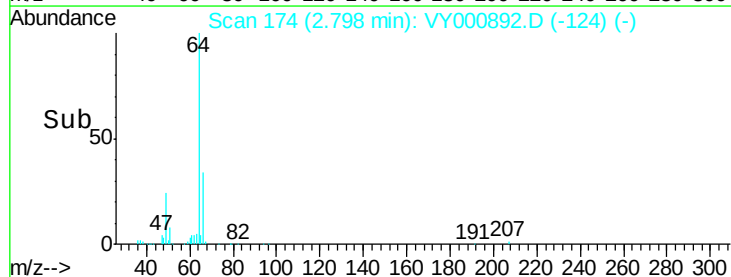
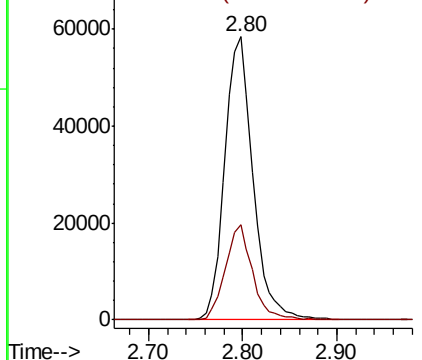
64 100

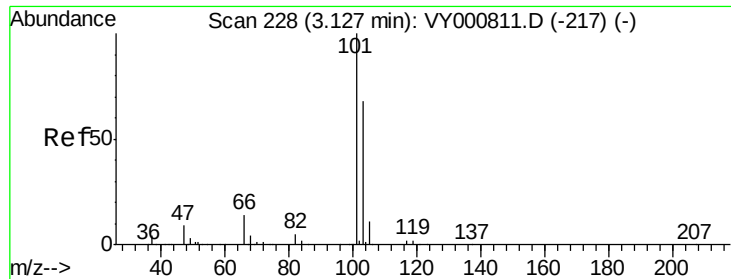
66 33.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

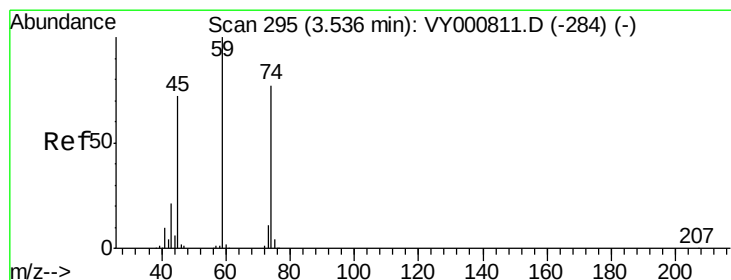
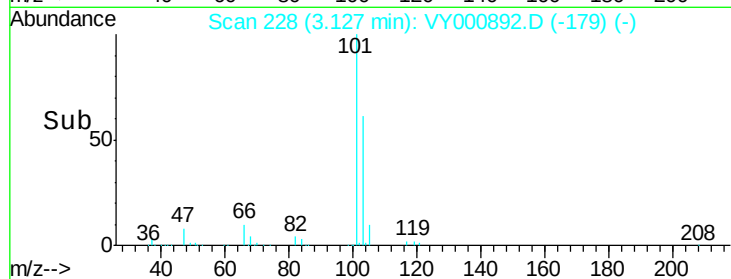
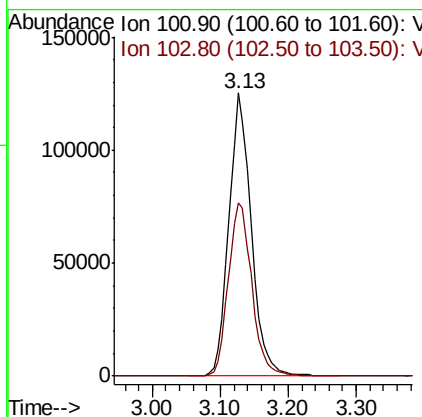
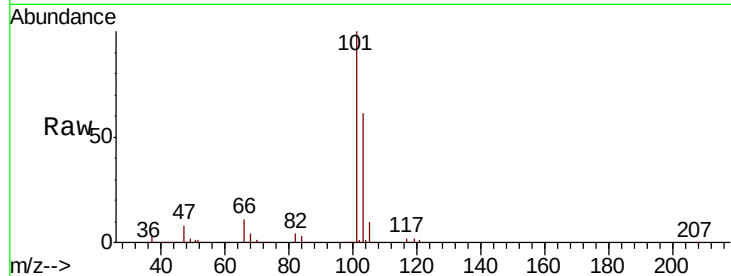
Trichlorofluoromethane
 Concen: 48.594 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000892.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	286951		
103	61.2	54.2	81.2	

Manual Integrations
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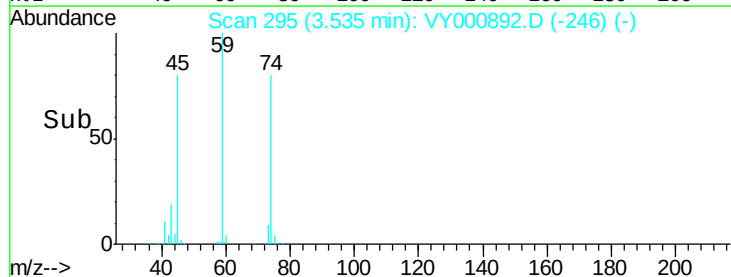
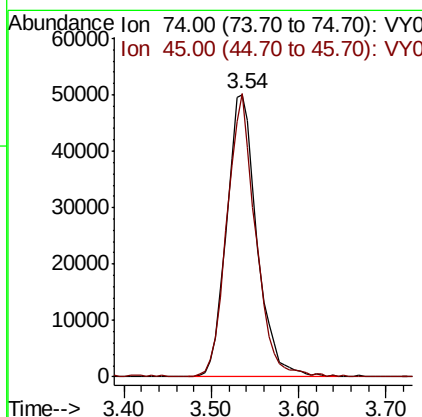
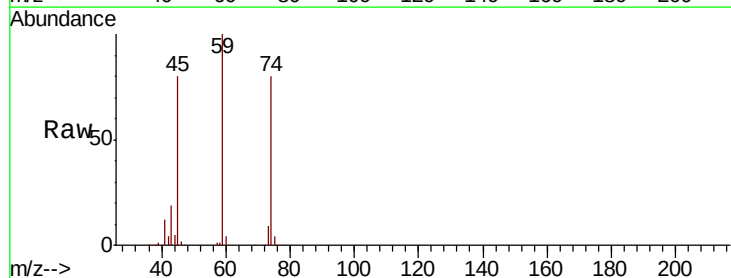
apatel
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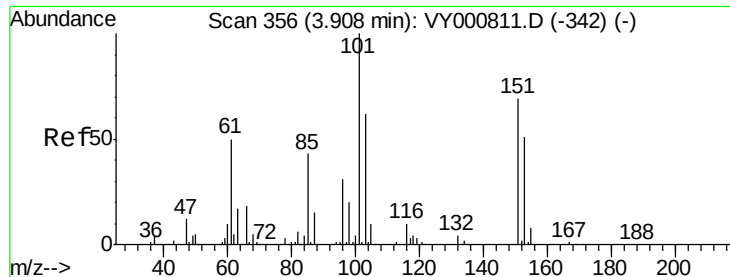


#8

Diethyl Ether
 Concen: 54.356 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	120808		
45	94.8	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.584 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

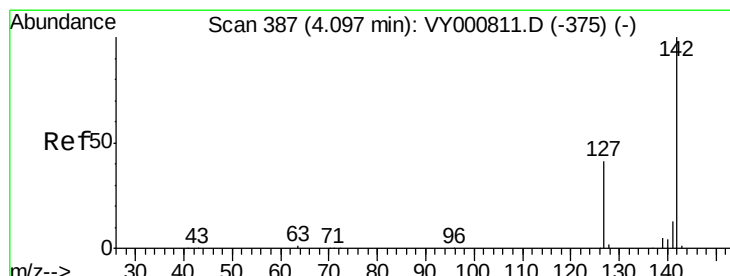
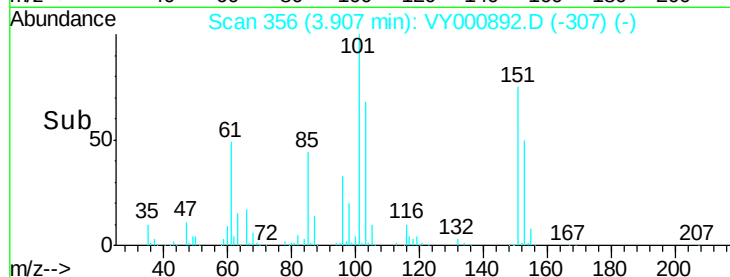
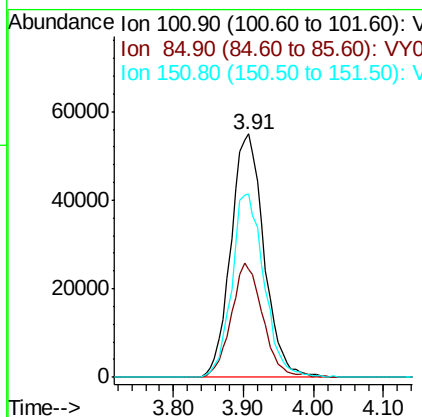
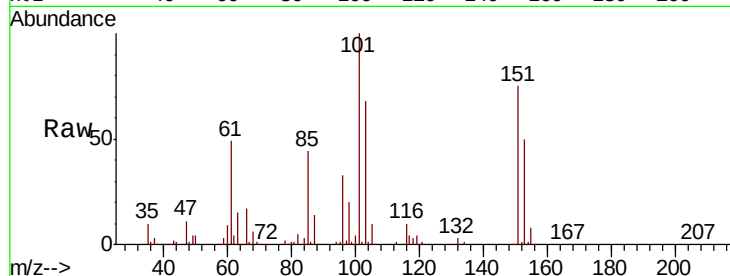
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	180817
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	73.6	58.2	87.2

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#10

Methyl Iodide

Concen: 52.381 ug/l

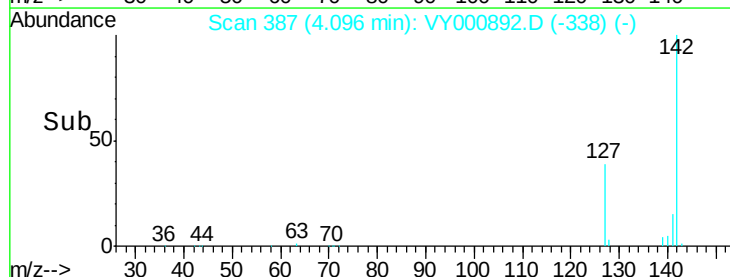
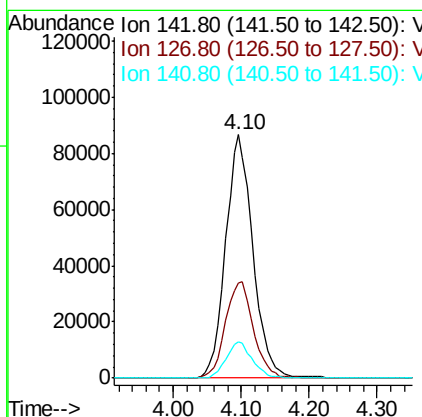
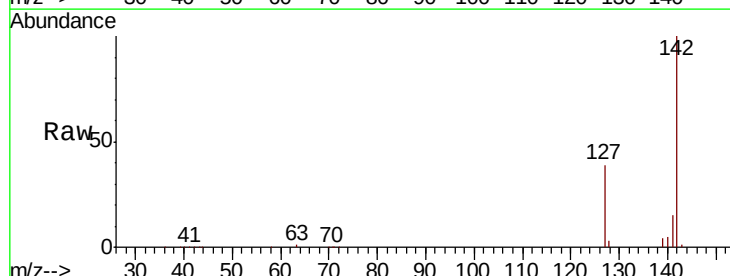
RT: 4.10 min Scan# 387

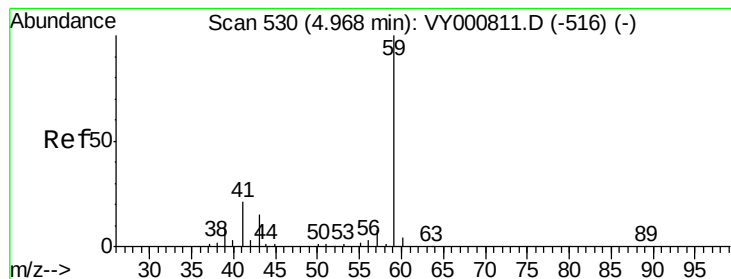
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	142	Resp:	240497
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.8	50.8
141	14.2	10.9	16.3





#11

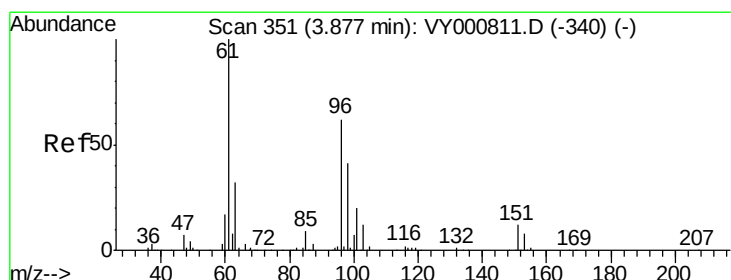
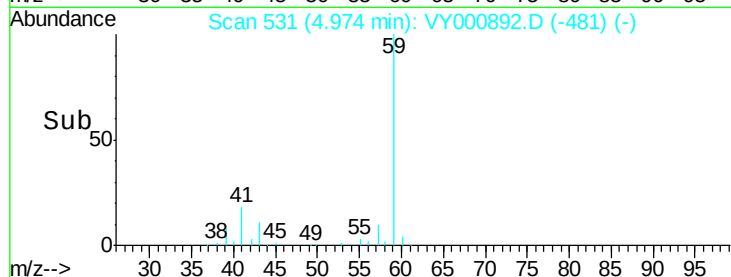
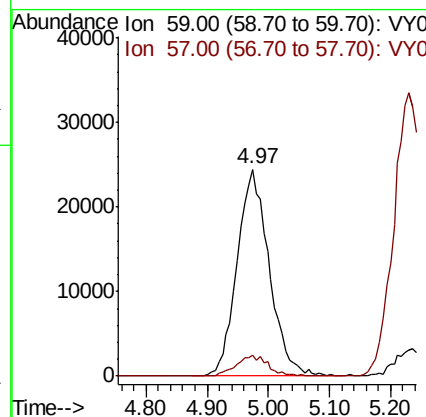
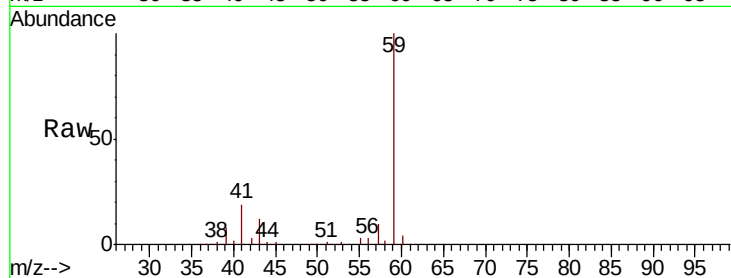
Tert butyl alcohol
 Concen: 252.423 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Resp	Lower	Upper
88912	100	10.1		7.8	11.6

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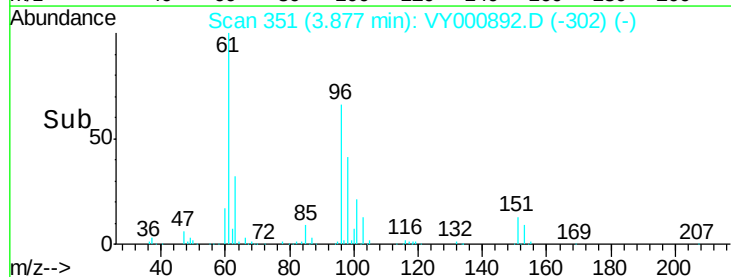
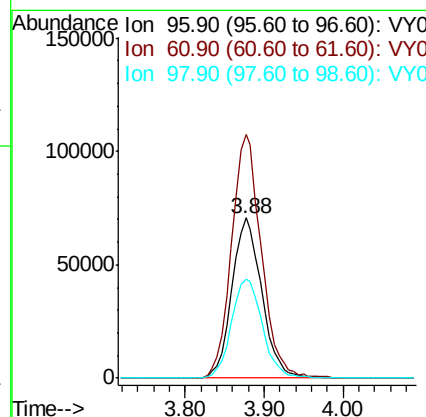
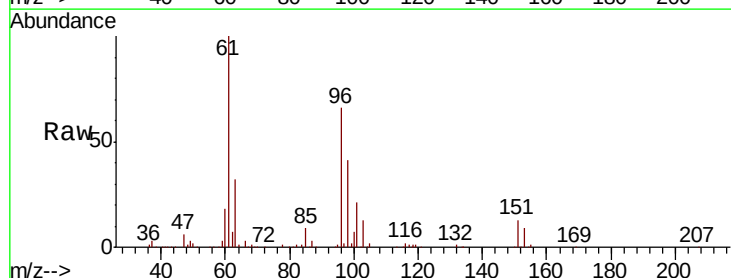
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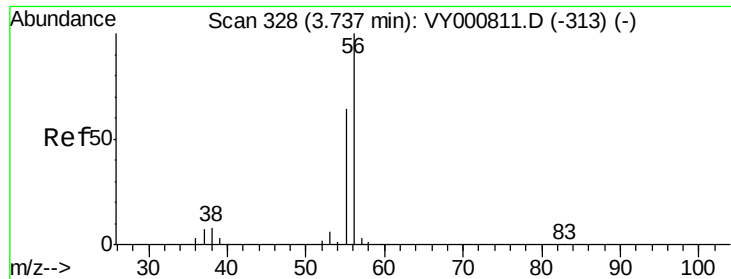


#12

1,1-Dichloroethene
 Concen: 51.514 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	96	61	98	Resp	Lower	Upper
186101	100	152.3	62.3		129.4	194.2
					53.4	80.0





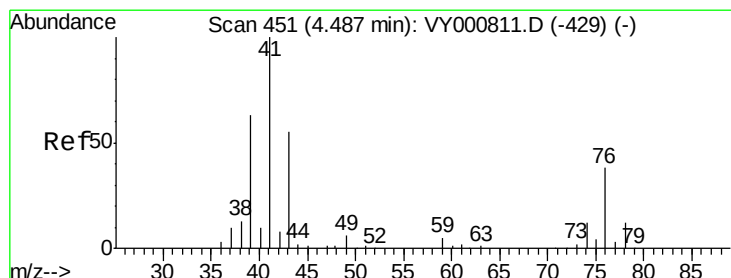
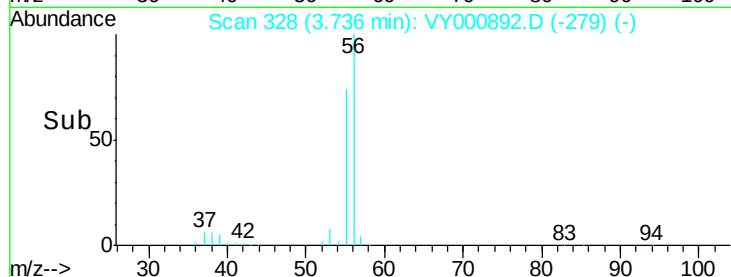
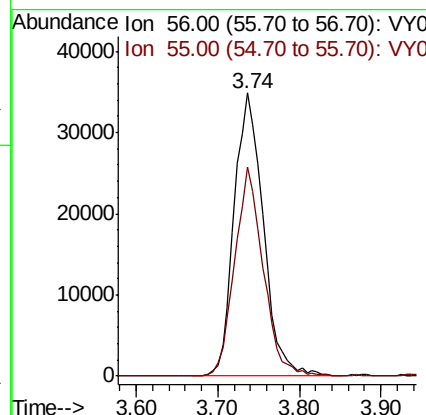
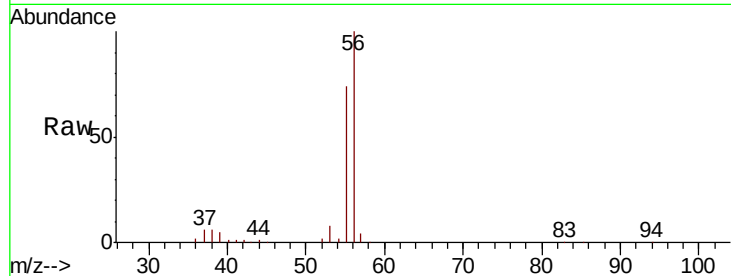
#13
Acrolein
Concen: 248.232 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	55.7	83.5

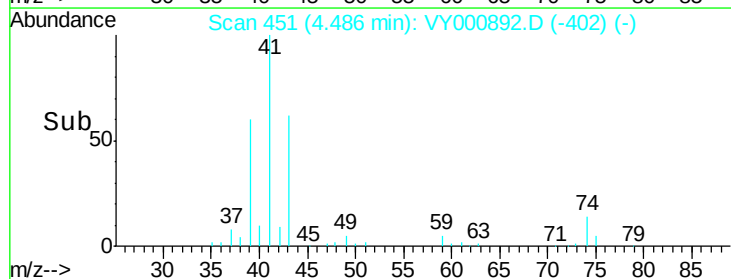
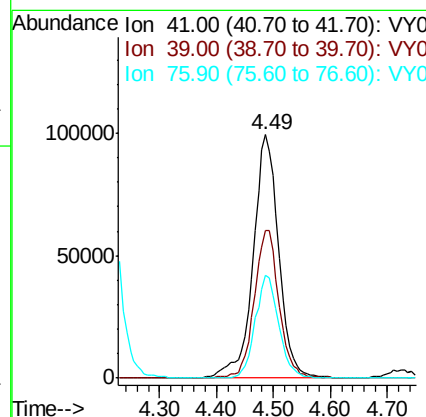
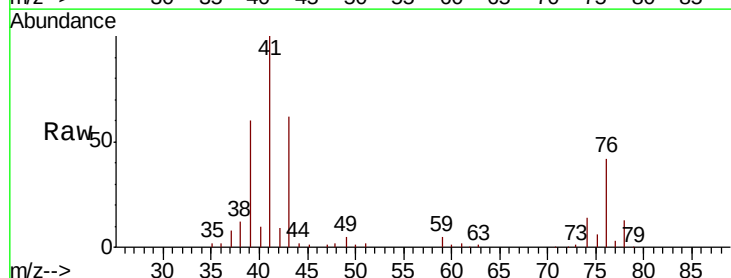
Manual Integrations
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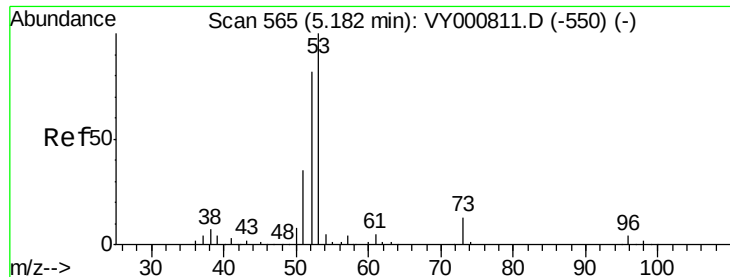
apatel
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#14
Allyl chloride
Concen: 49.921 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.9	49.2	73.8
76	38.6	29.2	43.8





#15

Acrylonitrile

Concen: 267.147 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

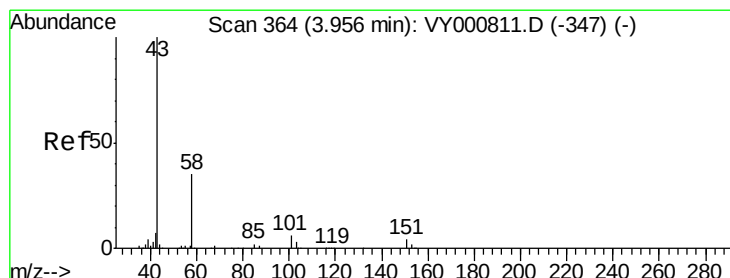
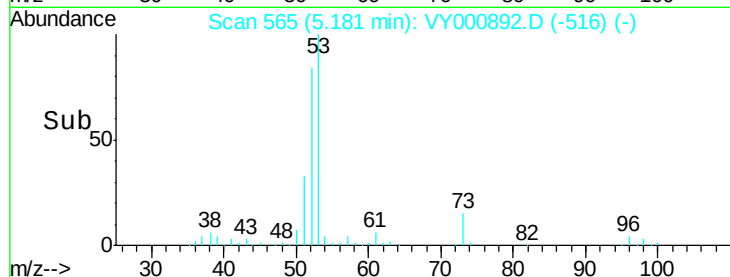
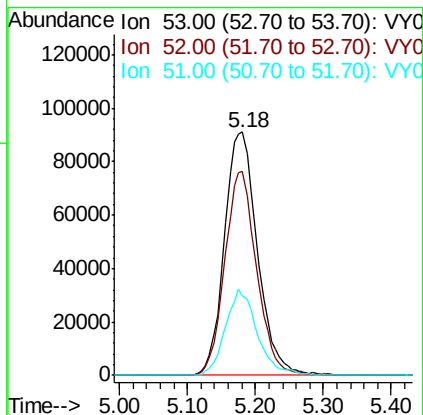
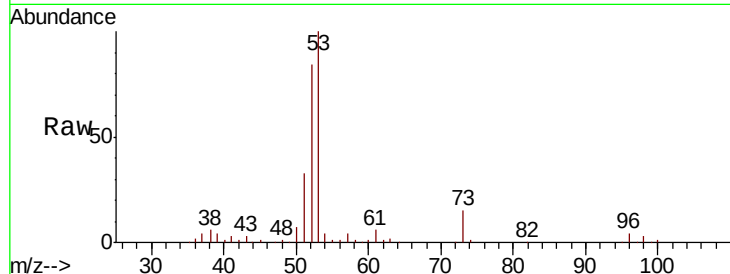
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	306595
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.1	97.7
51	34.1	29.0	43.4

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#16

Acetone

Concen: 252.361 ug/l

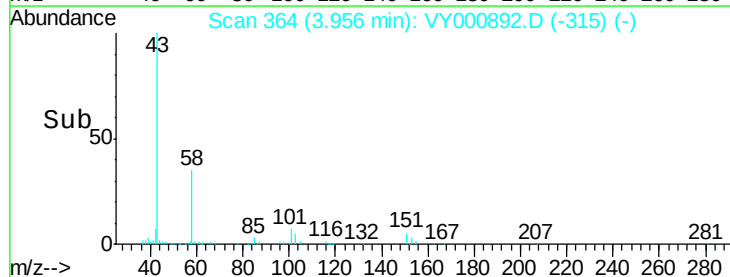
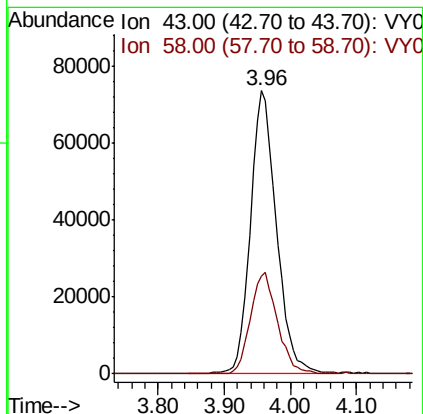
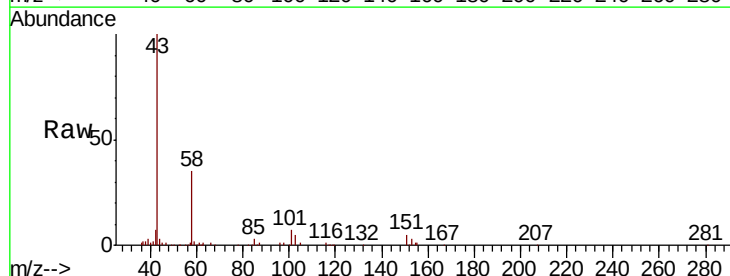
RT: 3.96 min Scan# 364

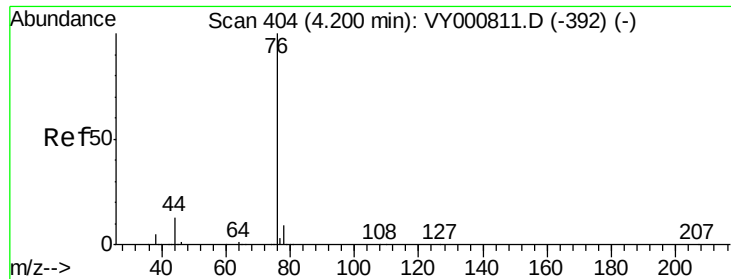
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion	43	Resp	202681
Ion Ratio	Lower	Upper	
43	100		
58	34.5	28.0	42.0





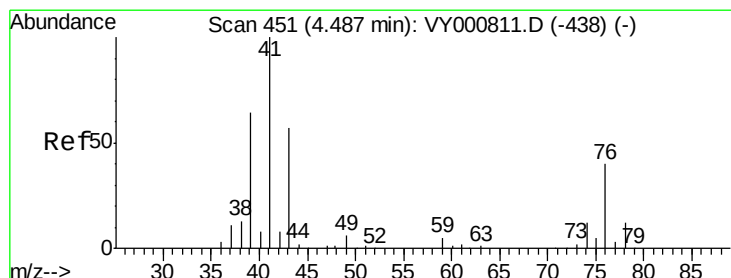
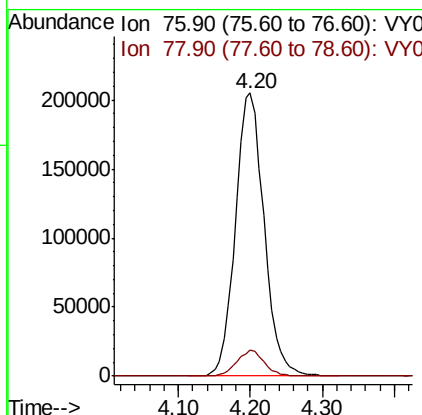
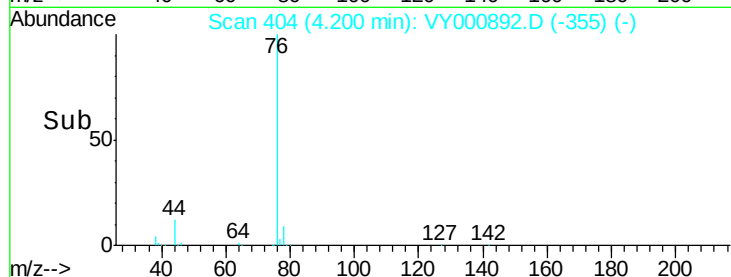
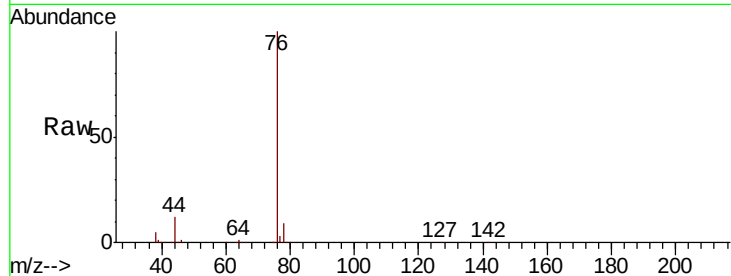
#17
Carbon Disulfide
Concen: 48.503 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

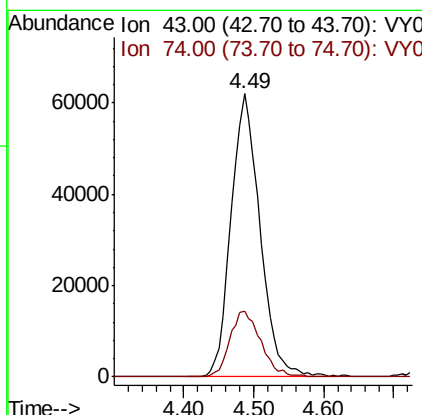
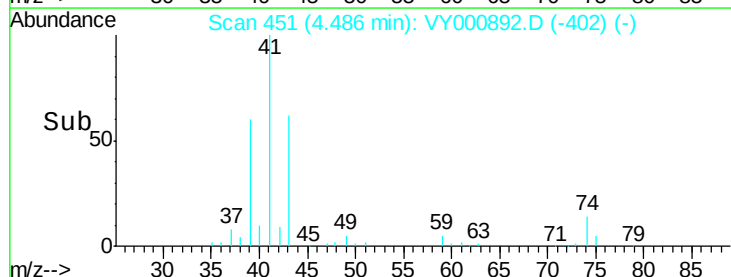
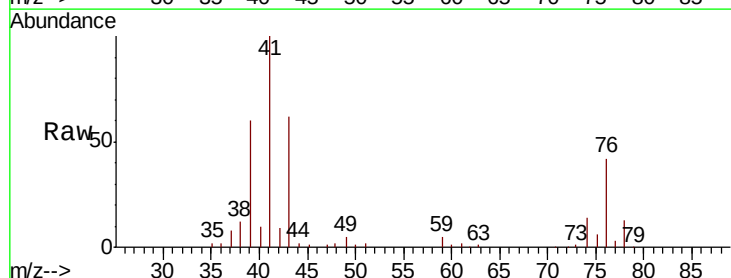
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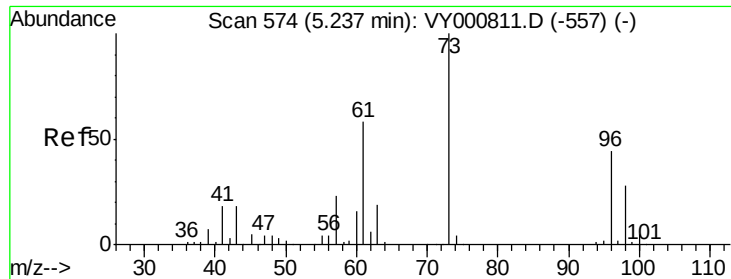
apatel
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#18
Methyl Acetate
Concen: 53.209 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.5	27.7





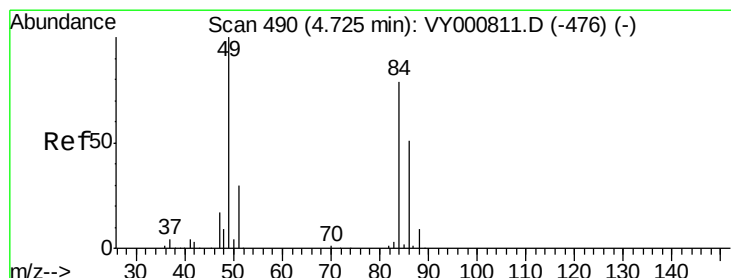
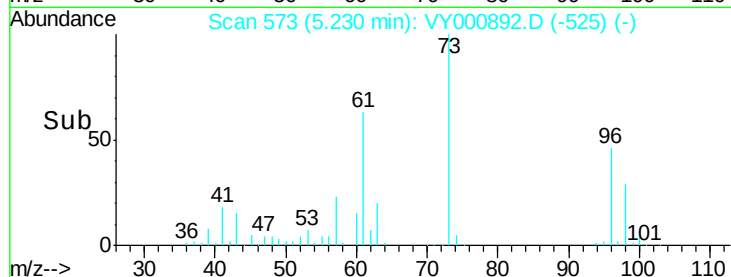
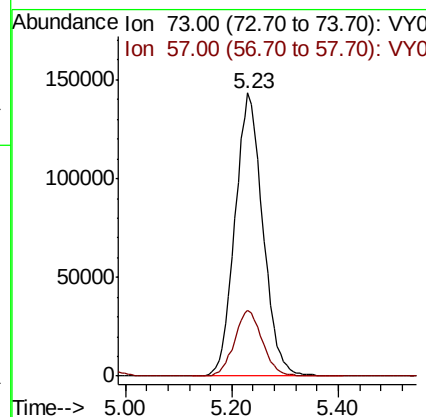
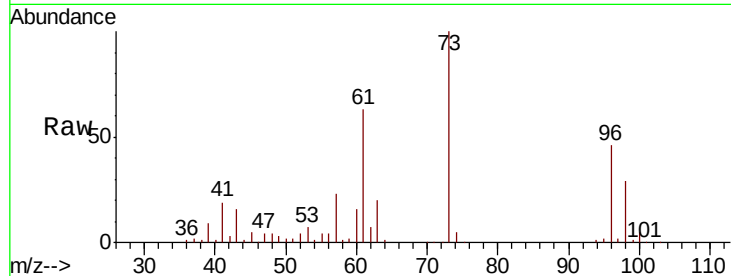
#19
Methyl tert-butyl Ether
Concen: 54.111 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 522068
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4

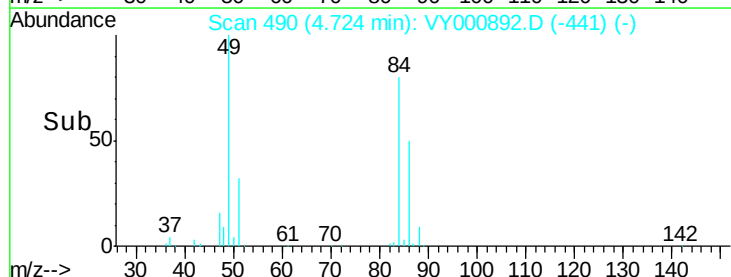
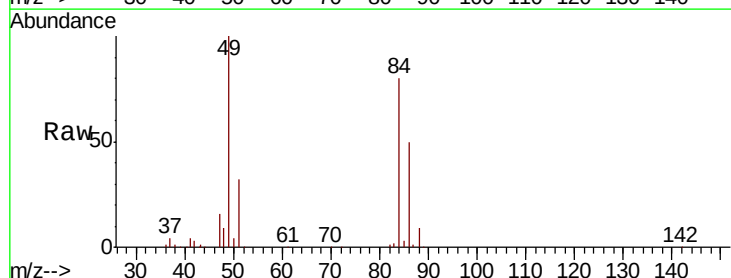
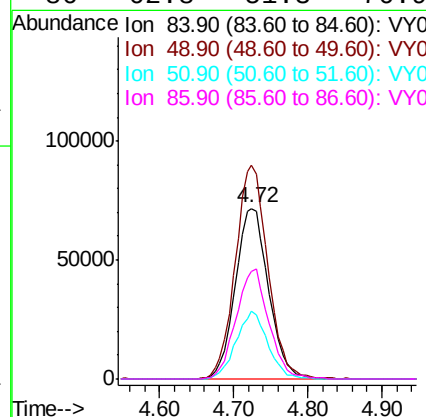
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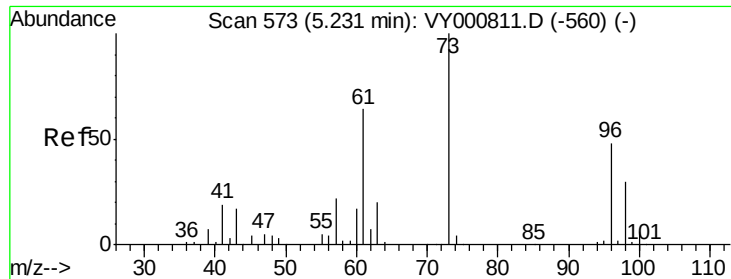
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#20
Methylene Chloride
Concen: 52.934 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 84 Resp: 224099
Ion Ratio Lower Upper
84 100
49 125.2 101.3 151.9
51 39.5 30.6 45.8
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.019 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

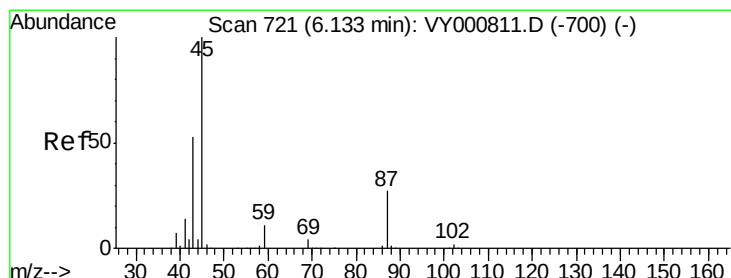
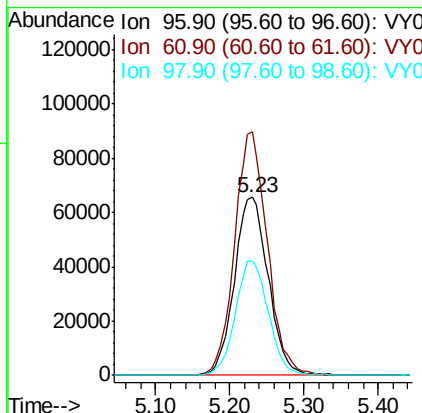
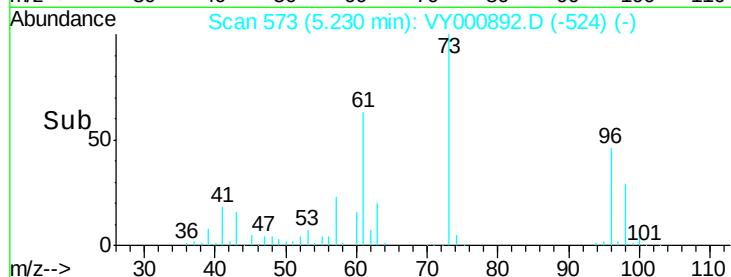
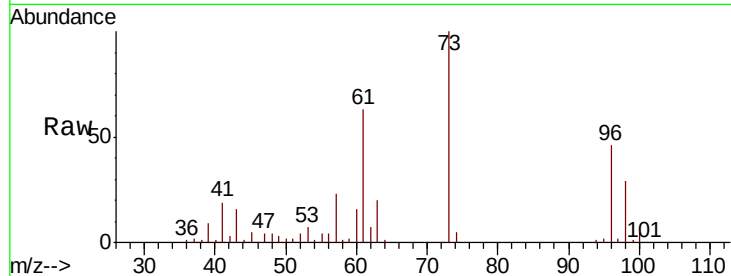
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	209493
Ion	Ratio	Lower	Upper
96	100		
61	137.0	105.9	158.9
98	64.3	49.4	74.2

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#22

Diisopropyl ether

Concen: 51.267 ug/l

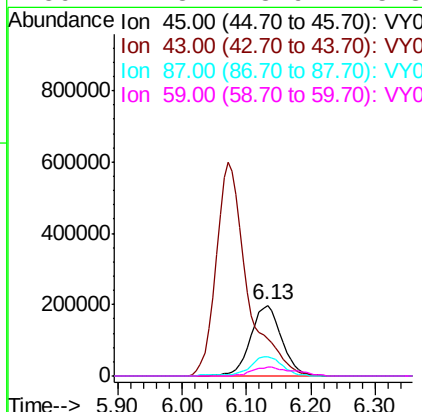
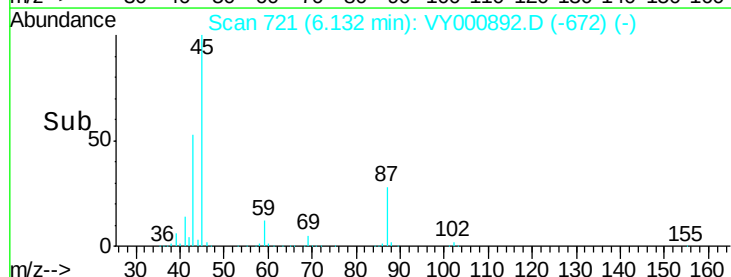
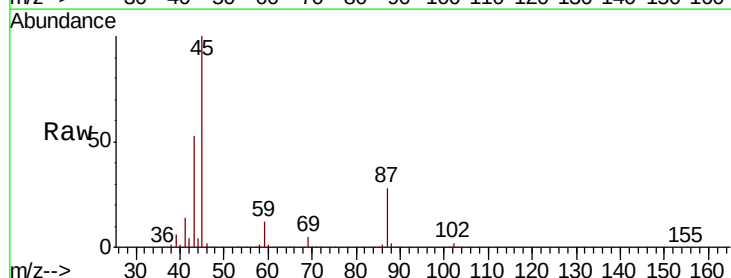
RT: 6.13 min Scan# 721

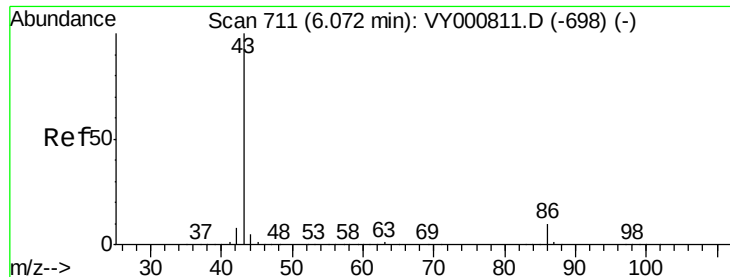
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	45	Resp:	652701
Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.7	64.1
87	27.6	22.0	33.0
59	11.8	8.9	13.3





#23

Vinyl Acetate

Concen: 260.654 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2017439

Ion Ratio Lower Upper

43 100

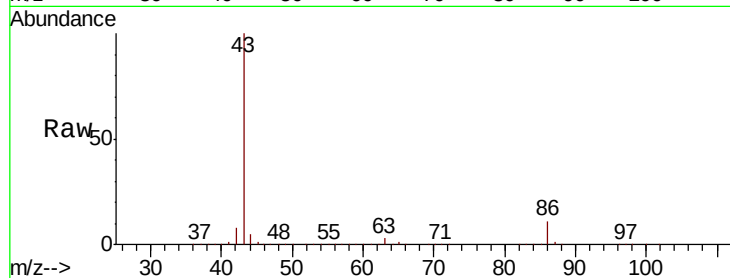
86 10.9 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

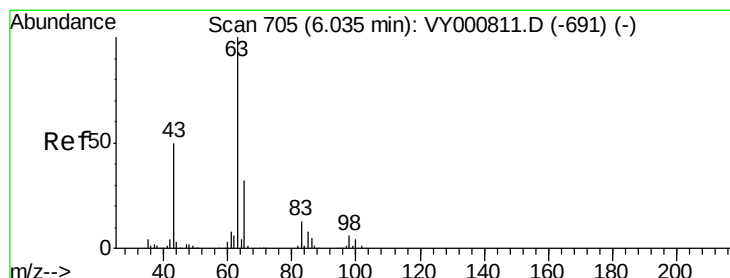
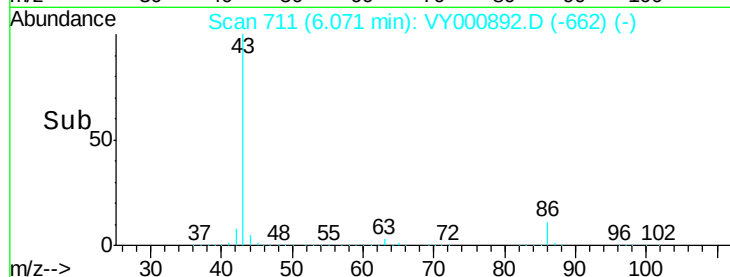
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.357 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

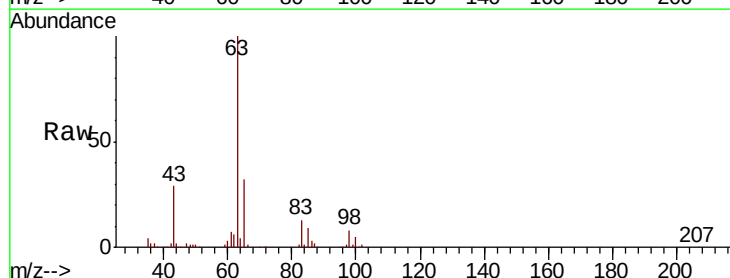
Tgt Ion: 63 Resp: 360379

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

100 4.6 2.2 6.6



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

6.03

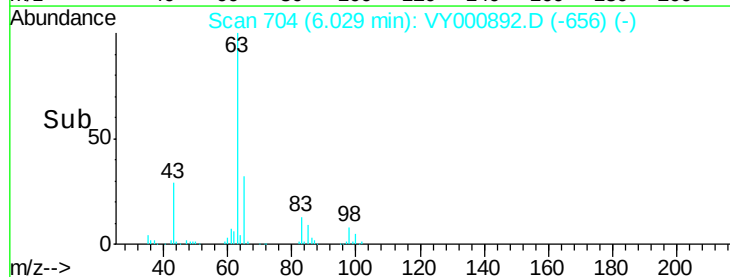
150000

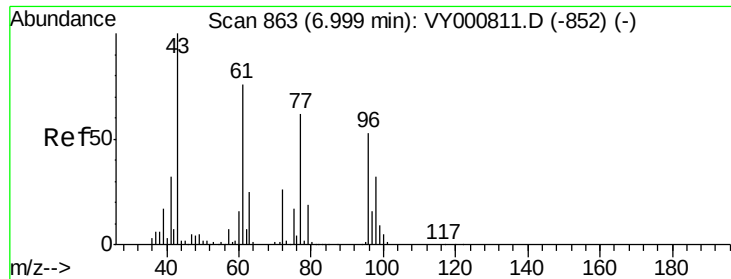
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.236 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 369770

Ion Ratio Lower Upper

43 100

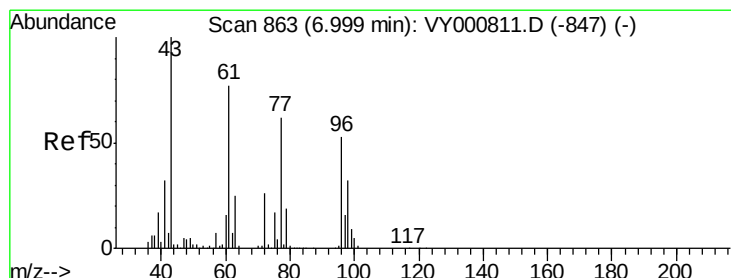
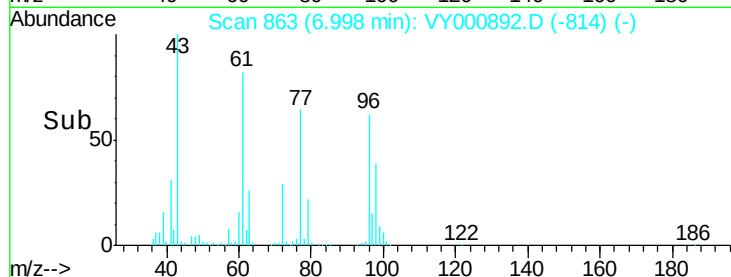
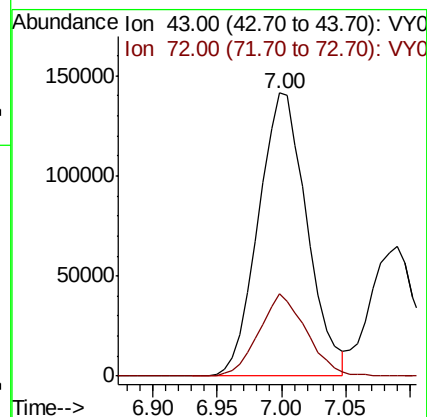
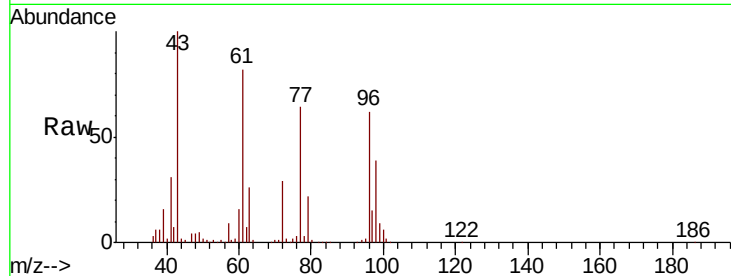
72 29.3 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 48.383 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000892.D

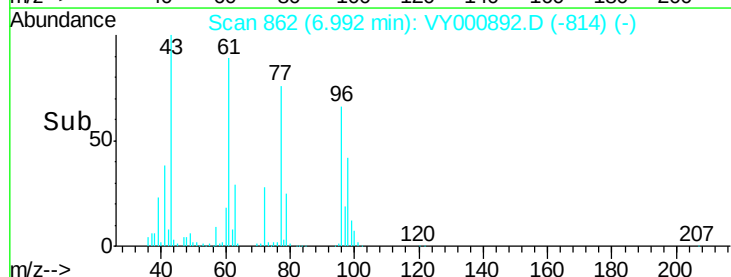
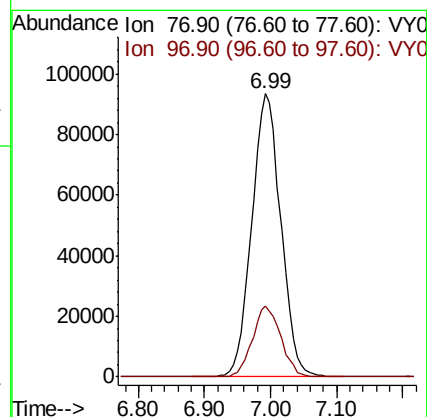
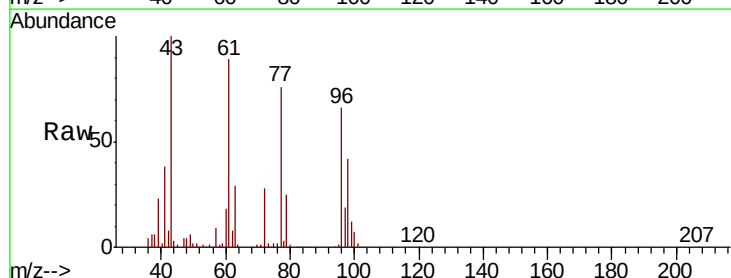
Acq: 05 Dec 2019 19:15

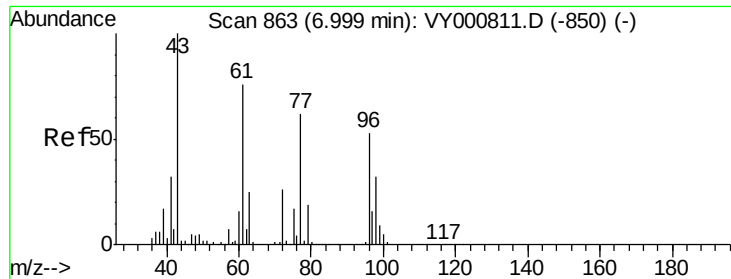
Tgt Ion: 77 Resp: 285746

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9





#27

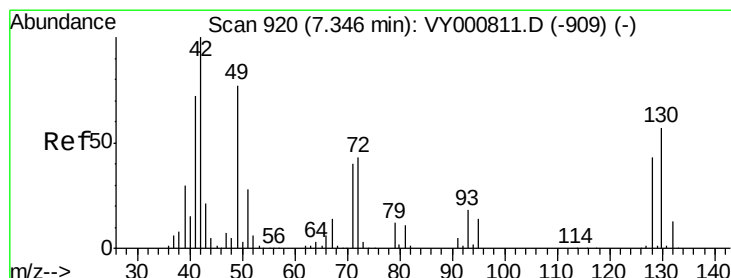
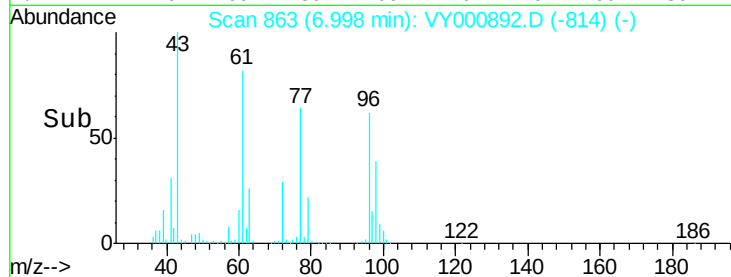
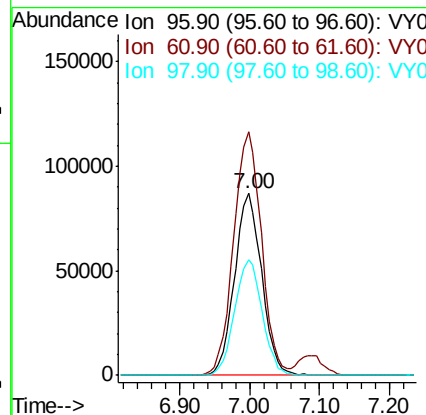
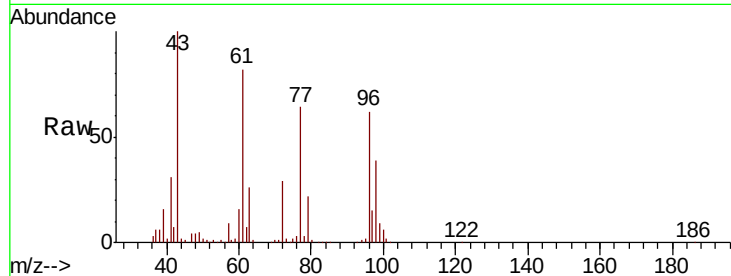
cis-1,2-Dichloroethene
Concen: 52.744 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	234110		
61	137.3	0.0	285.0	
98	64.6	0.0	128.0	

Manual Integrations
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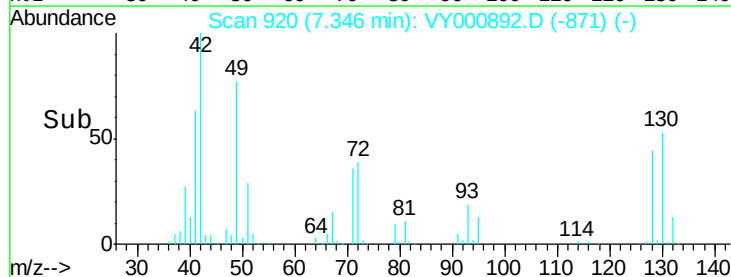
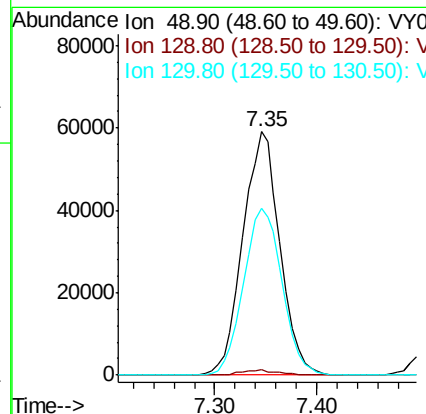
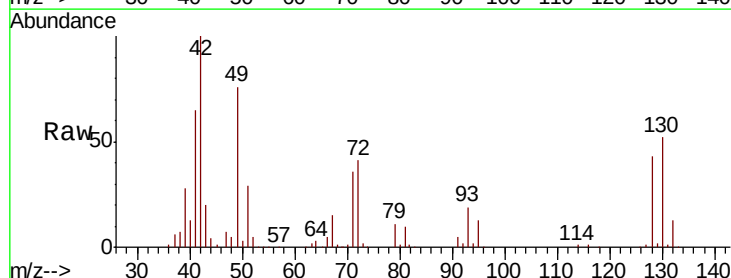
apatel
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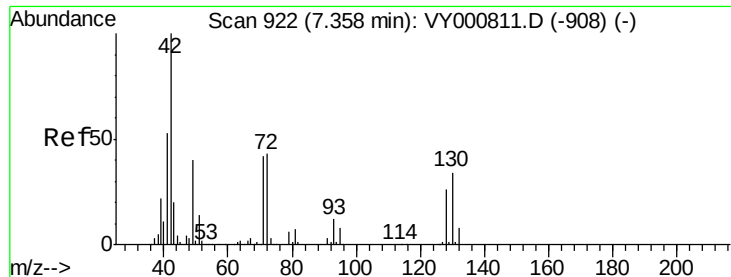


#28

Bromochloromethane
Concen: 57.448 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148609		
129	2.2	0.0	3.8	
130	71.3	58.7	88.1	





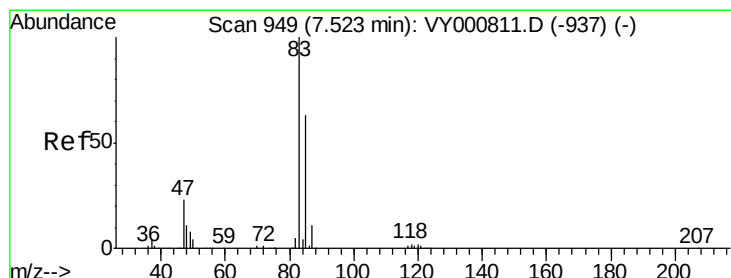
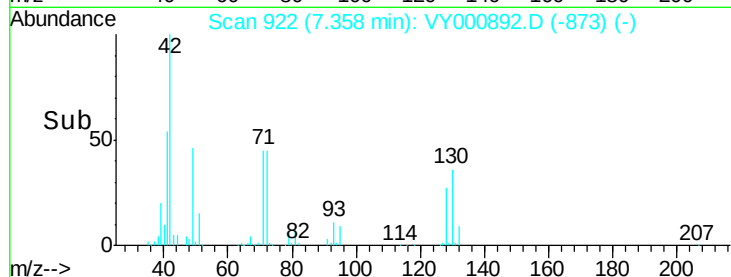
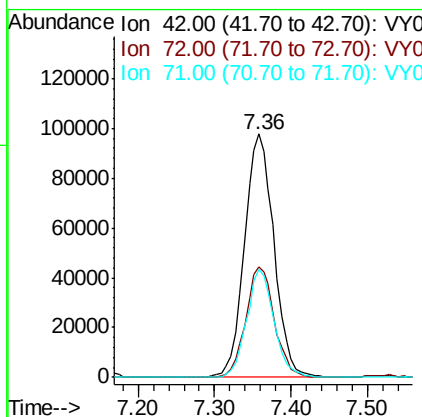
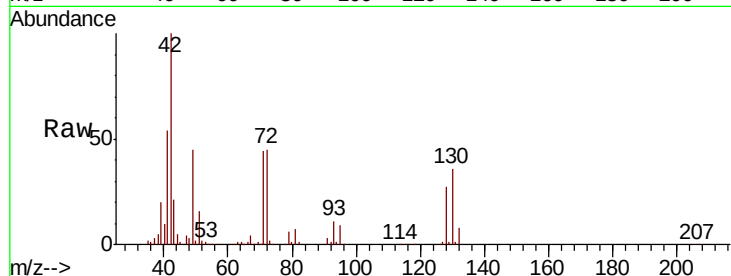
#29
Tetrahydrofuran
Concen: 265.519 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.1	52.7
71	41.3	32.8	49.2

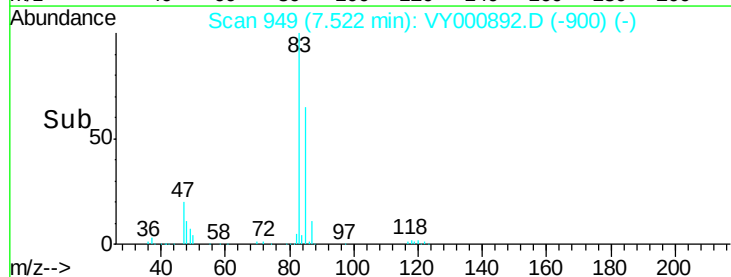
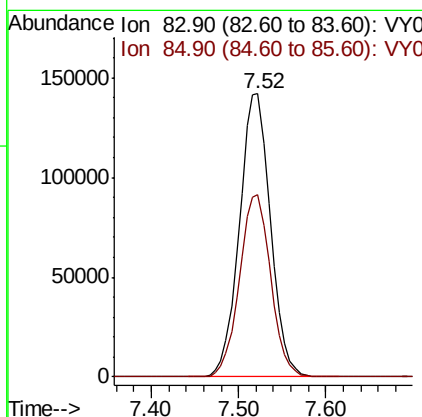
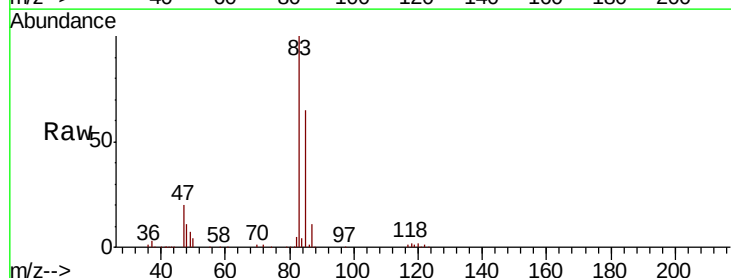
Manual Integrations
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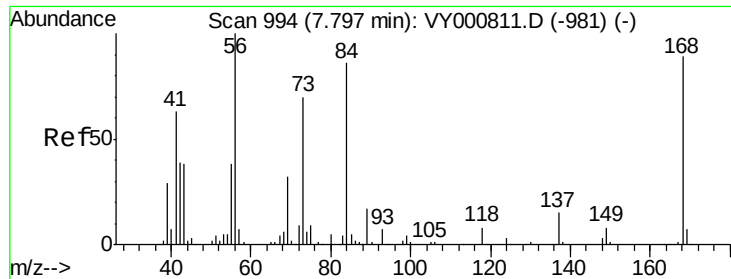
apatel
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#30
Chloroform
Concen: 49.685 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6





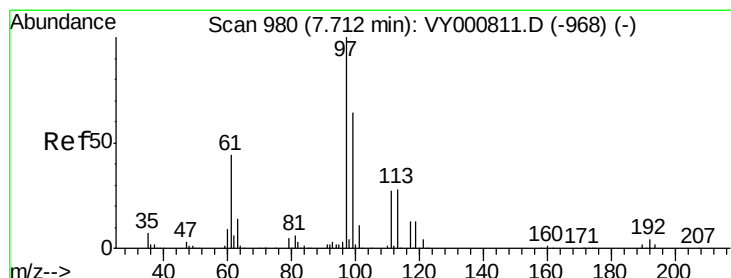
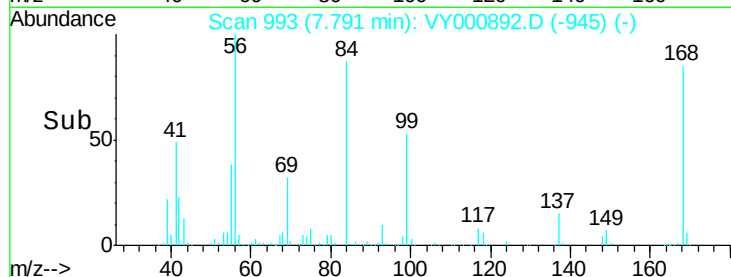
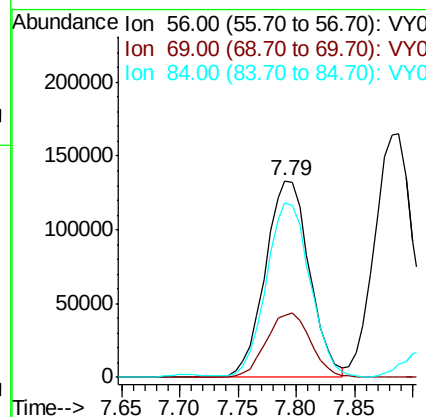
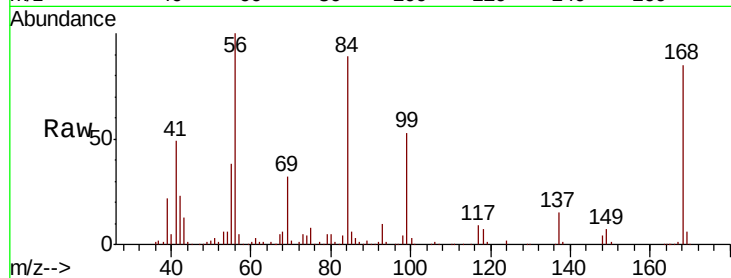
#31
Cyclohexane
Concen: 46.986 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	87.1	68.6	102.8

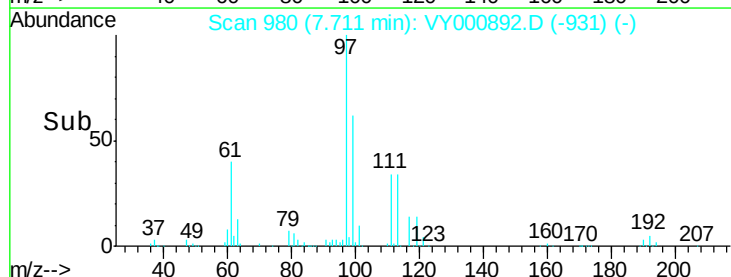
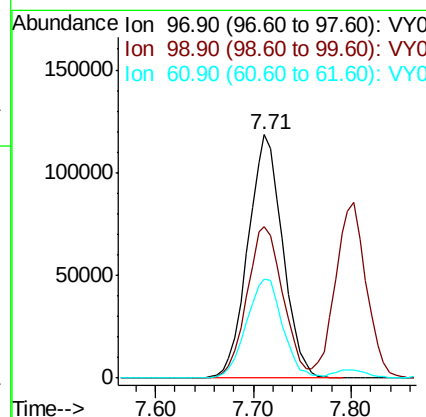
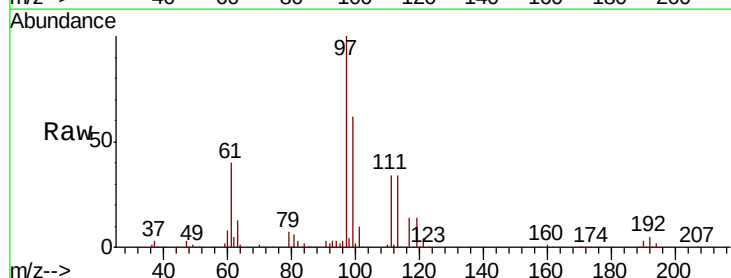
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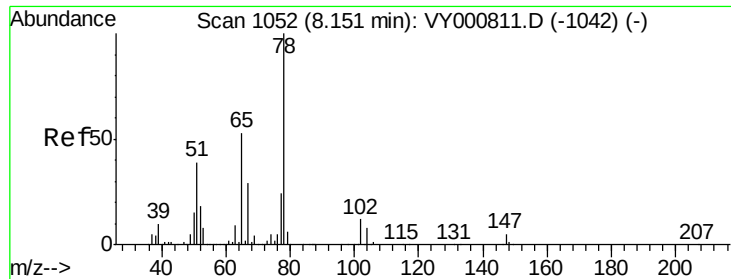
apatel
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#32
1,1,1-Trichloroethane
Concen: 50.145 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	42.5	35.0	52.6





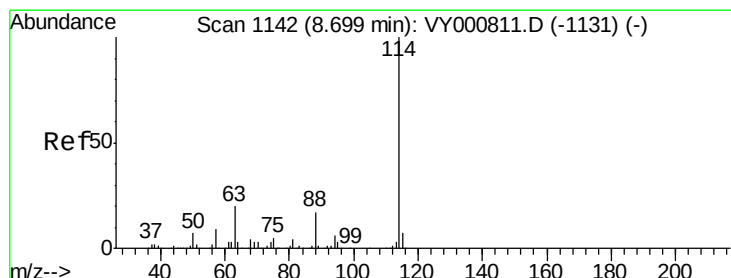
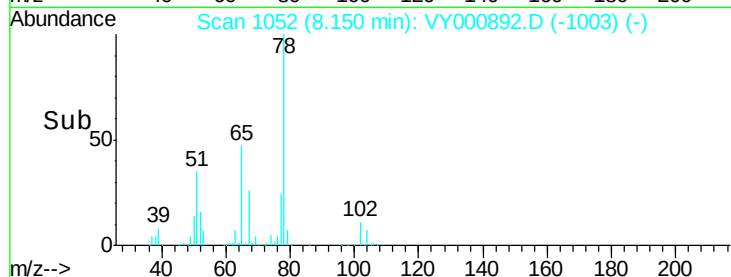
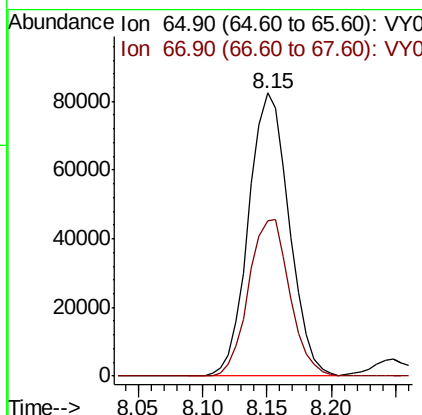
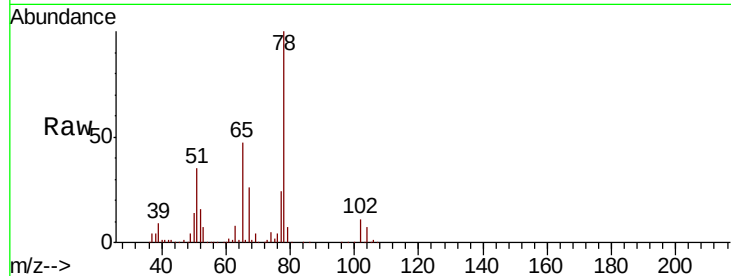
#33
 1,2-Dichloroethane-d4
 Concen: 51.236 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179379		
67	56.3	0.0	112.0	

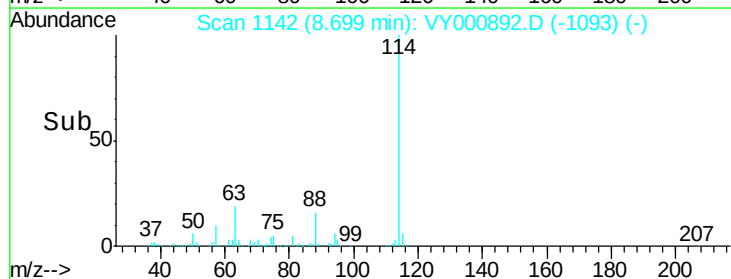
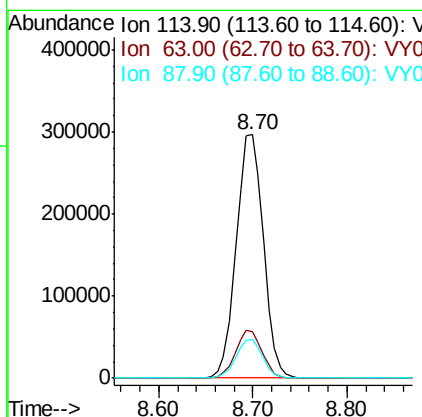
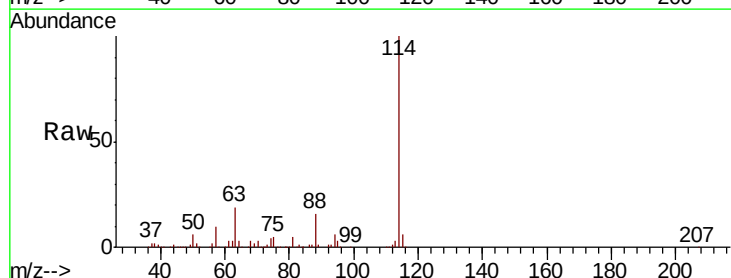
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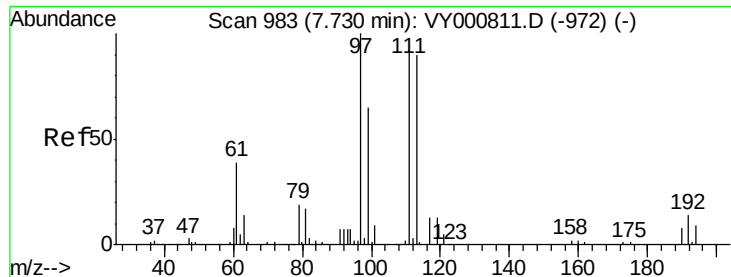
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	595020		
63	19.1	0.0	39.8	
88	16.1	0.0	33.2	





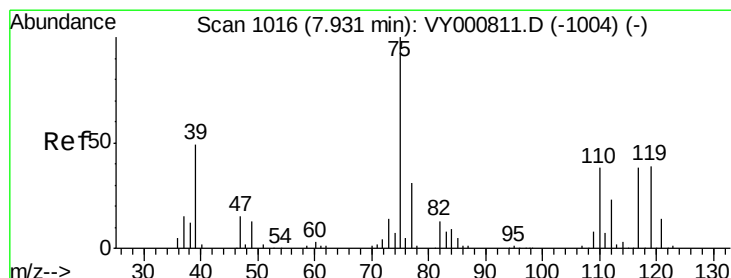
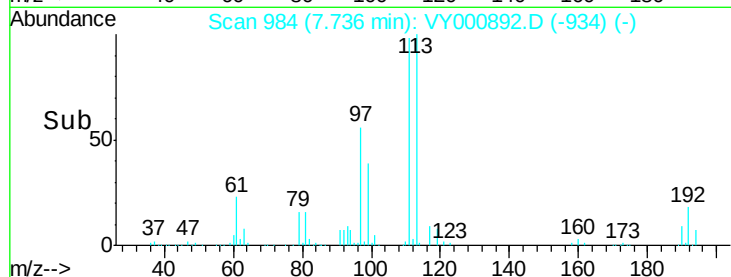
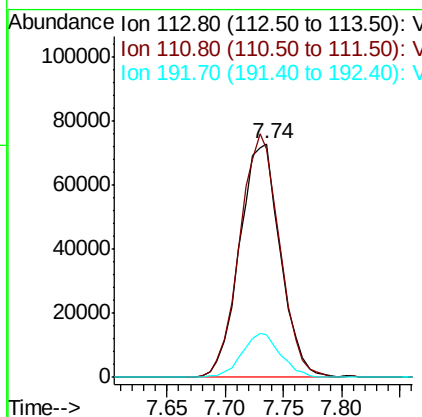
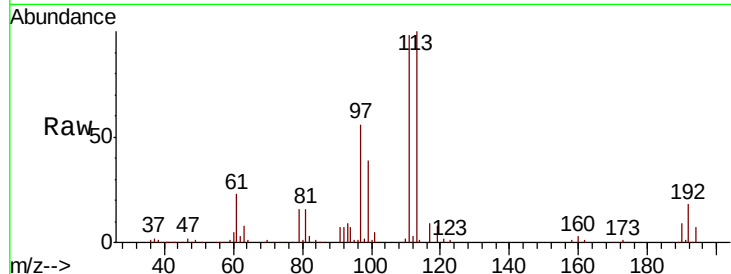
#35
 Dibromofluoromethane
 Concen: 51.178 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	18.0	14.2	21.2

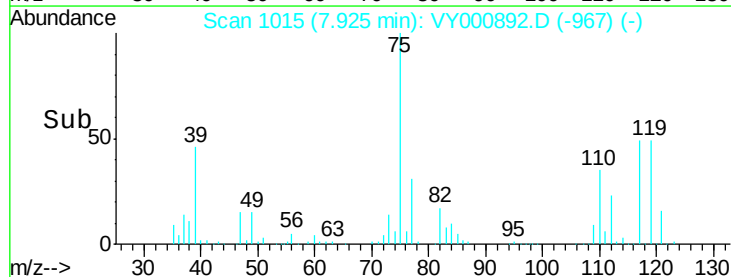
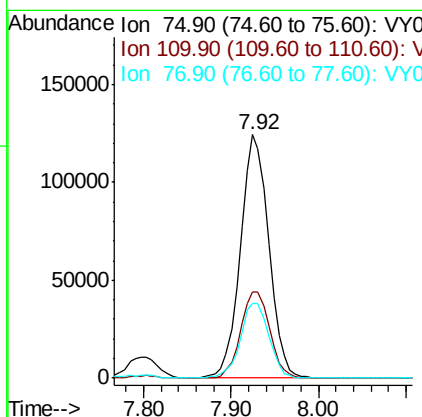
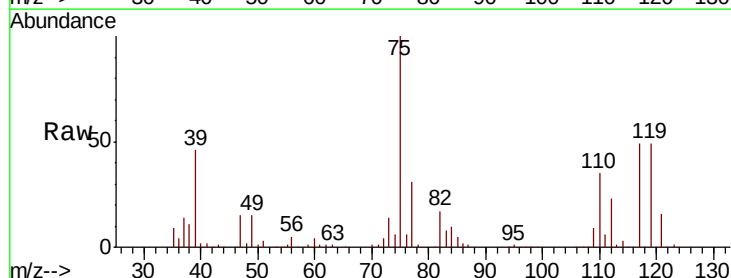
Manual Integrations
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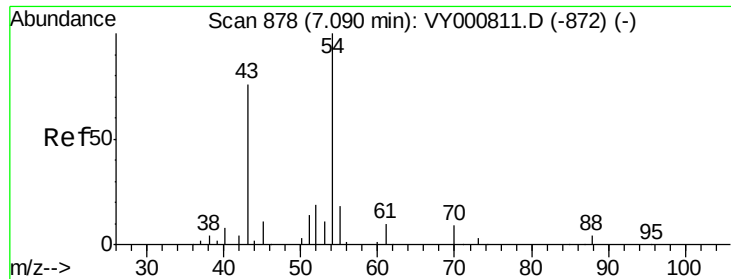
apatel
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#36
 1,1-Dichloropropene
 Concen: 47.362 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.7
77	31.4	24.7	37.1





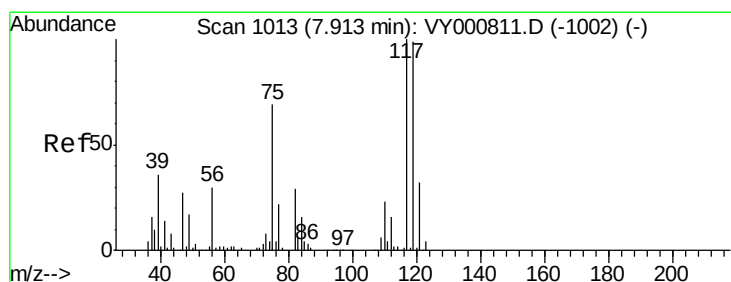
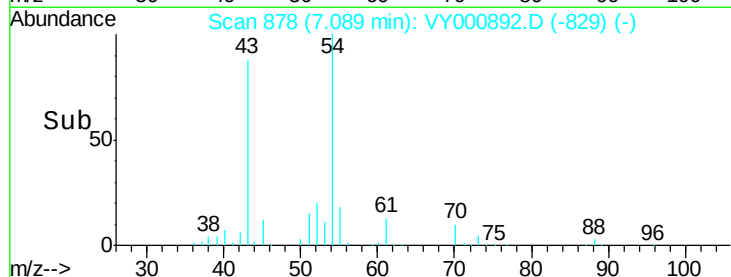
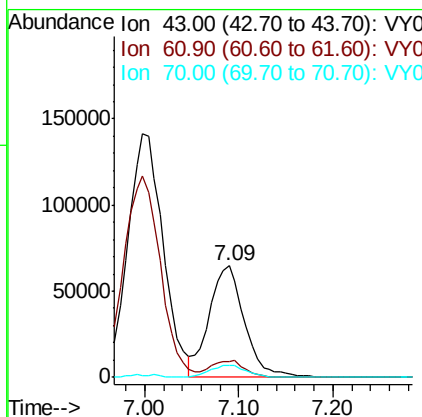
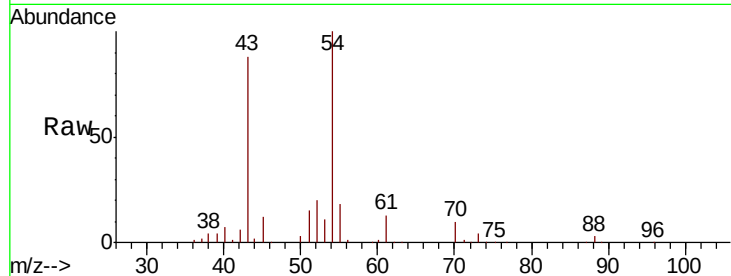
#37
Ethyl Acetate
Concen: 49.133 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.8
70	11.1	8.7	13.1

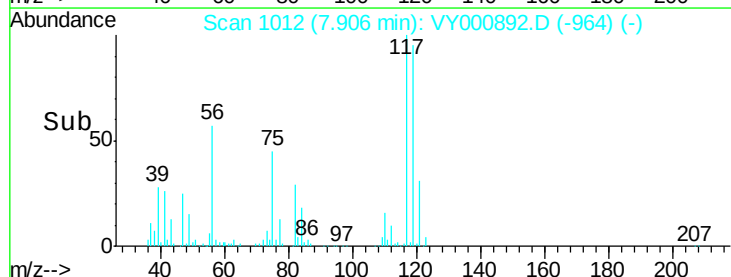
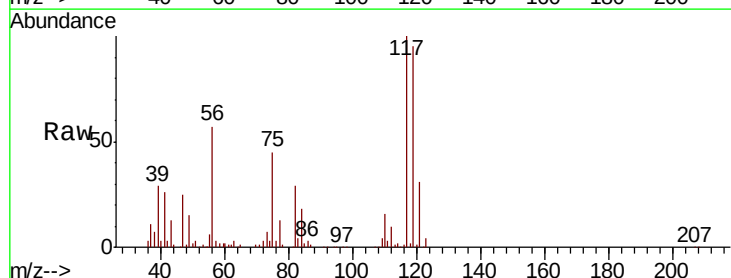
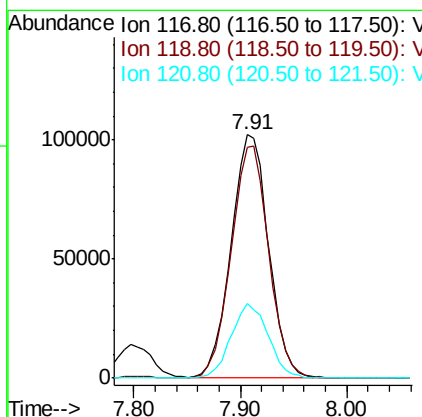
Manual Integrations
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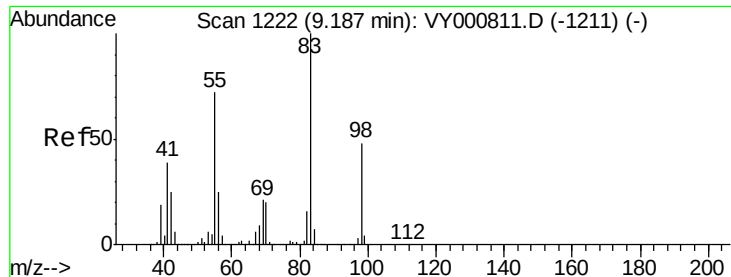
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#38
Carbon Tetrachloride
Concen: 47.906 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.3	118.9
121	30.6	25.5	38.3





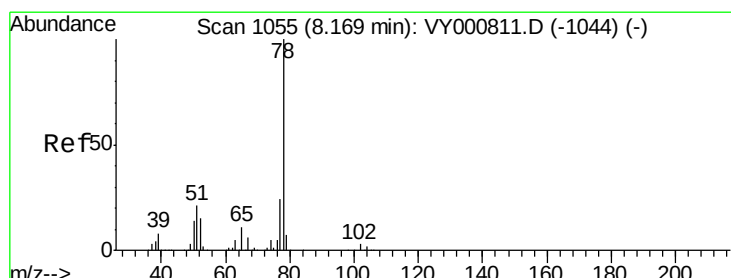
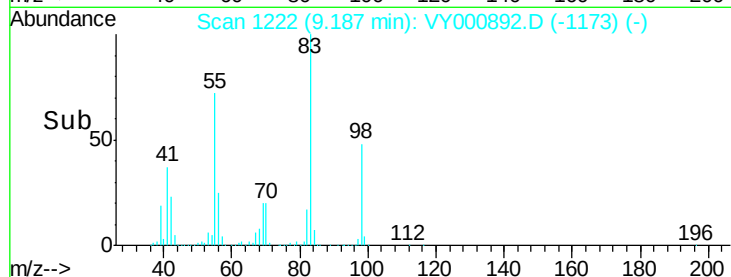
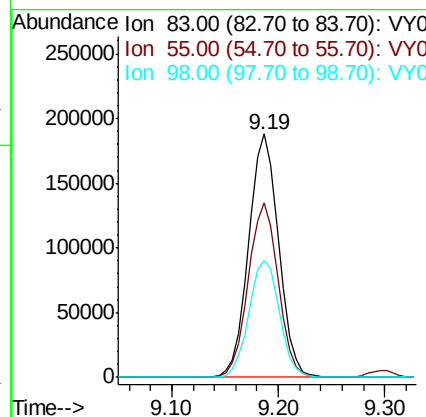
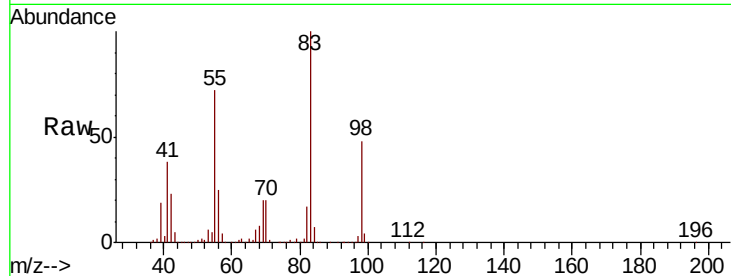
#39
Methylvlcyclohexane
Concen: 47.425 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.8	86.6
98	48.0	38.6	58.0

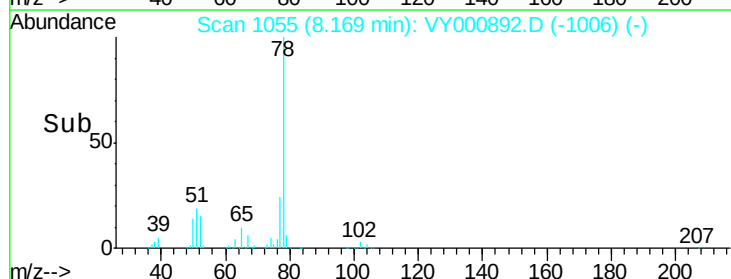
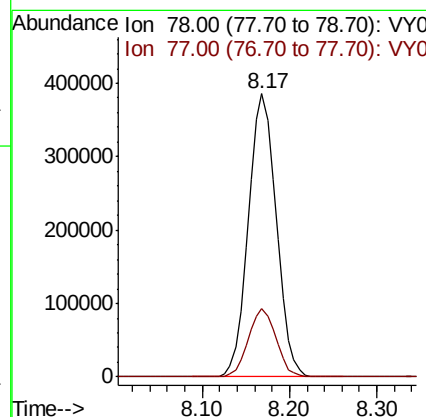
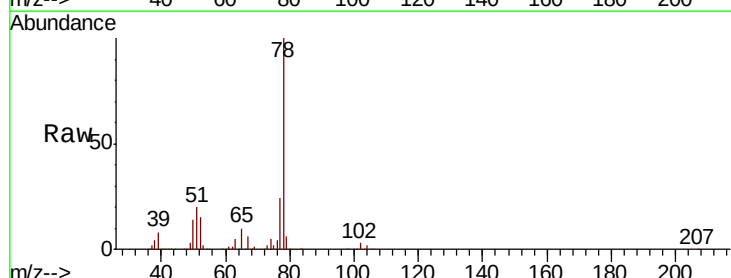
Manual Integrations
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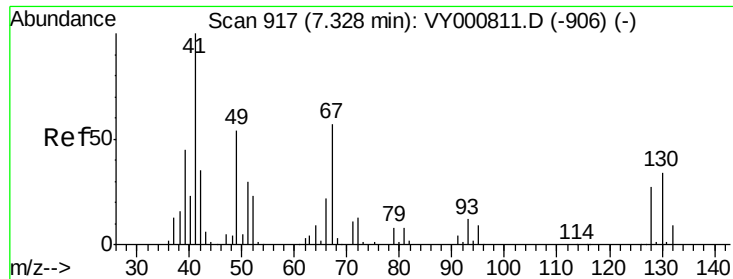
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#40
Benzene
Concen: 49.516 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 48.267 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 86905
Ion Ratio Lower Upper

41 100

39 113.7 95.7 143.5

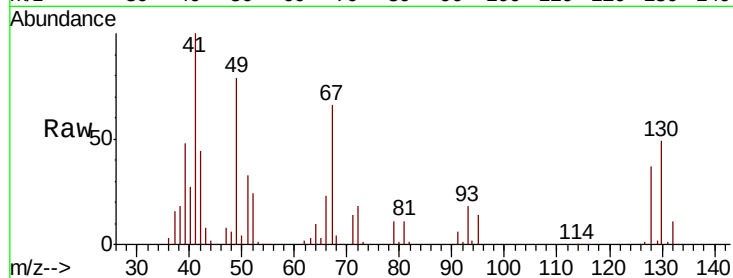
67 0.0 0.0 0.0

52 0.0 0.0 0.0

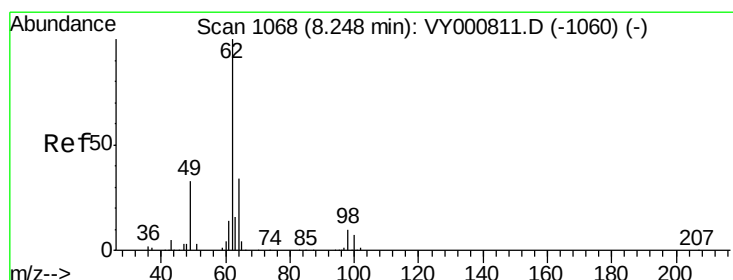
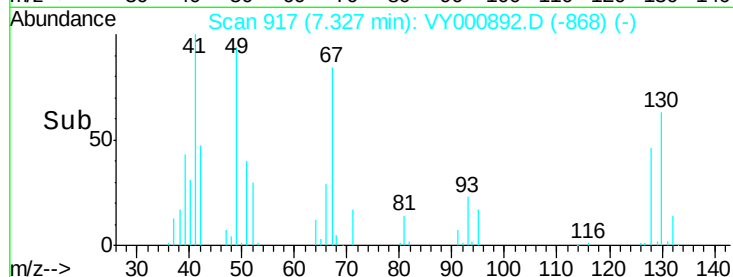
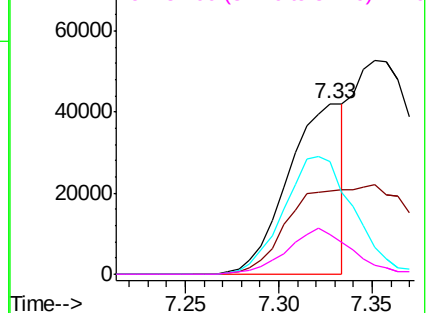
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.032 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

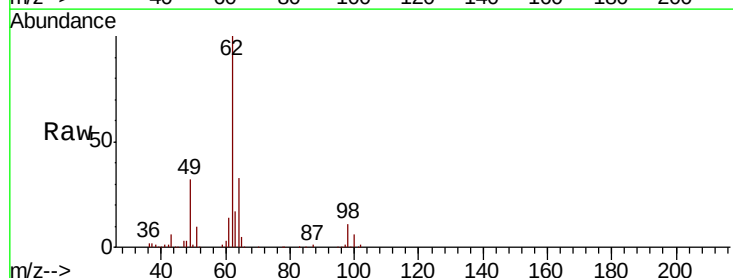
Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

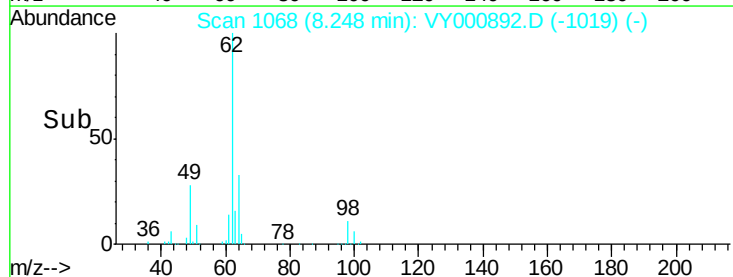
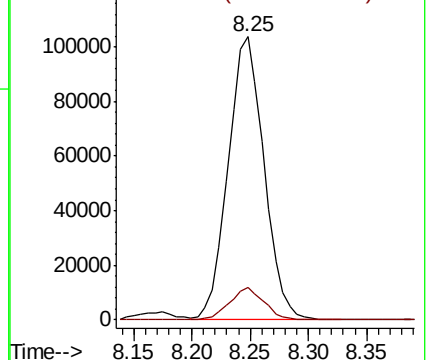
Tgt Ion: 62 Resp: 222221
Ion Ratio Lower Upper

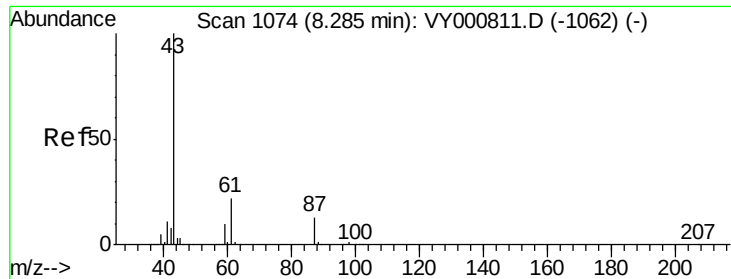
62 100

98 11.0 0.0 21.4



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





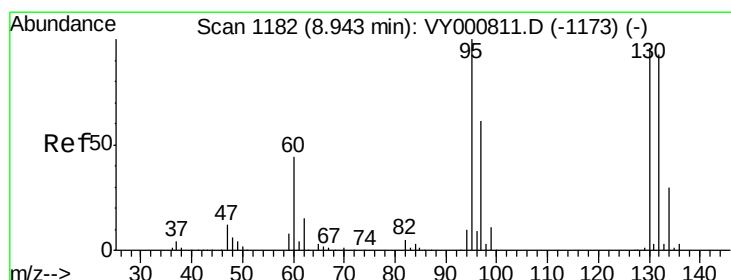
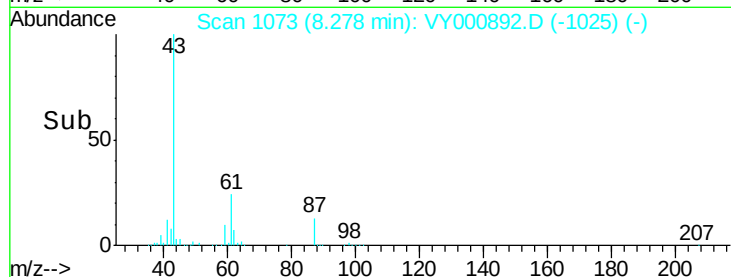
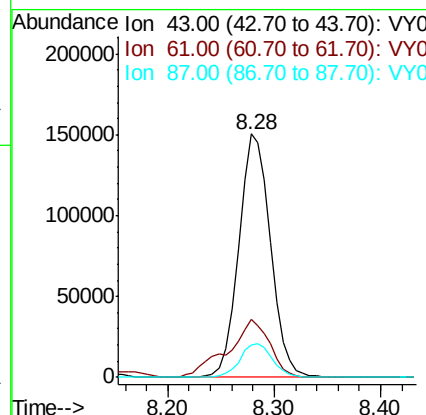
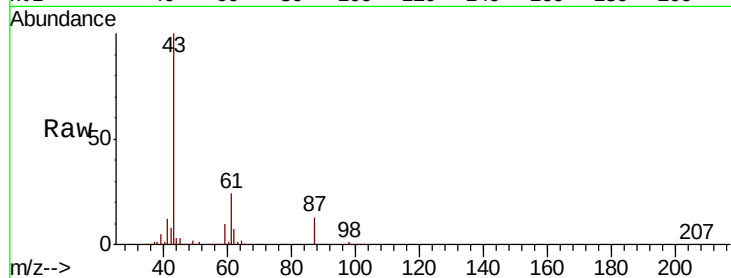
#43
Isopropyl Acetate
Concen: 48.701 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	23.7	35.5
87	14.1	10.6	15.8

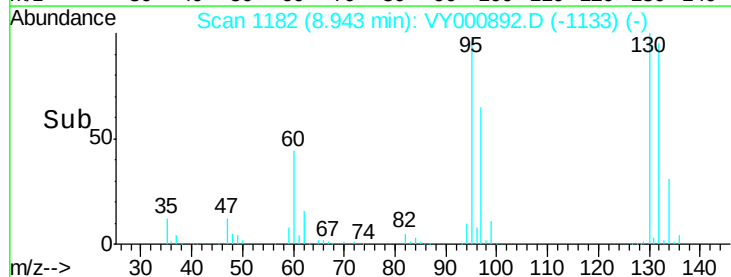
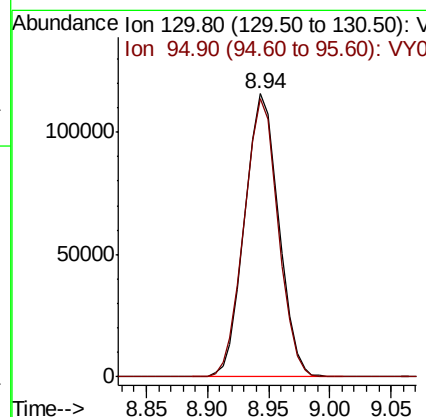
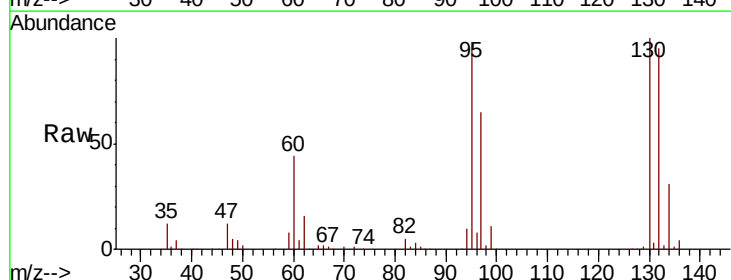
Manual Integrations
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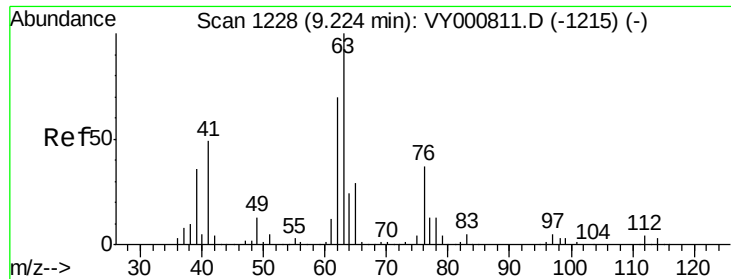
apatel
12/6/2019 10:01:40 AM



#44
Trichloroethene
Concen: 50.649 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	207.8





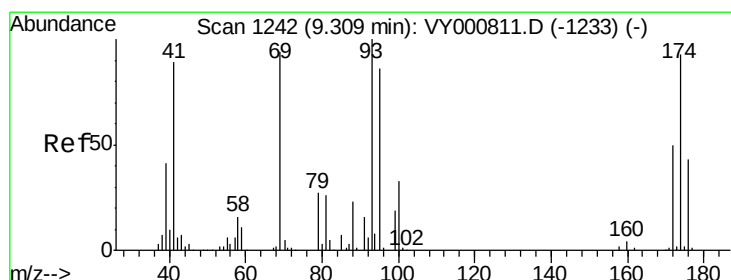
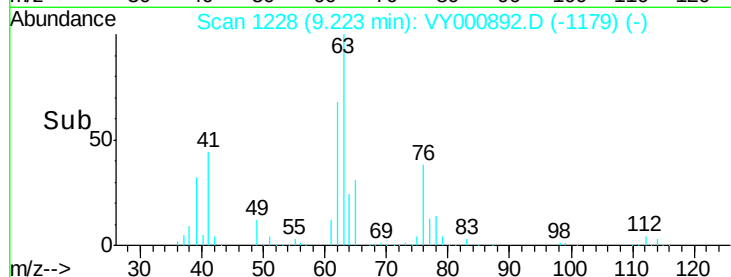
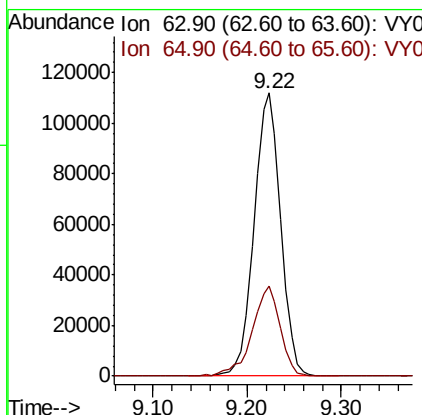
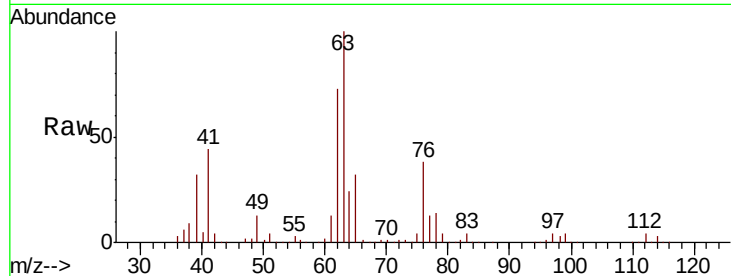
#45
 1,2-Dichloropropane
 Concen: 51.203 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 221643
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.2 34.8

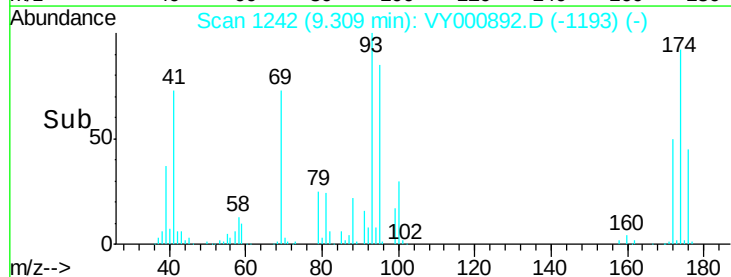
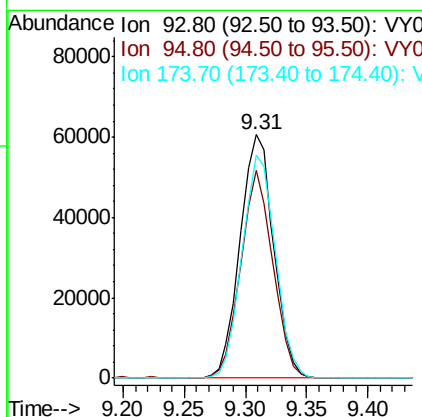
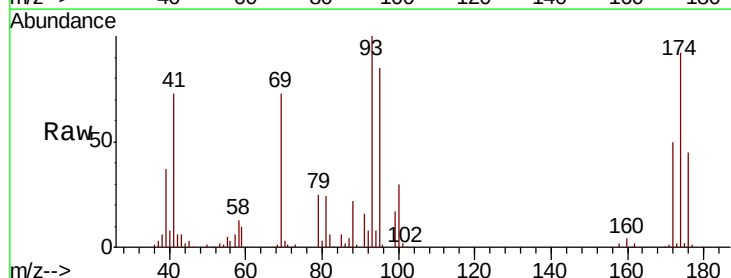
Manual Integrations
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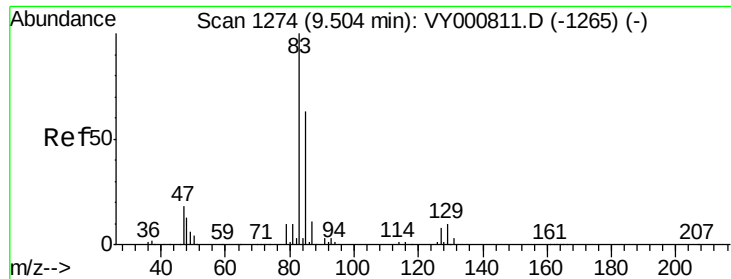
apatel
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#46
 Dibromomethane
 Concen: 51.308 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion: 93 Resp: 116042
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 91.0 73.0 109.6





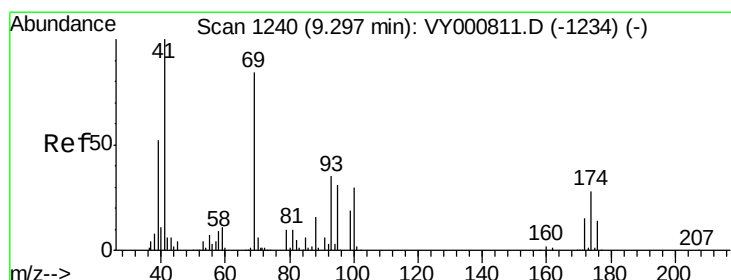
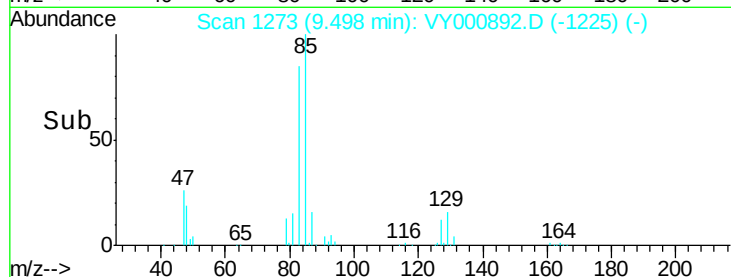
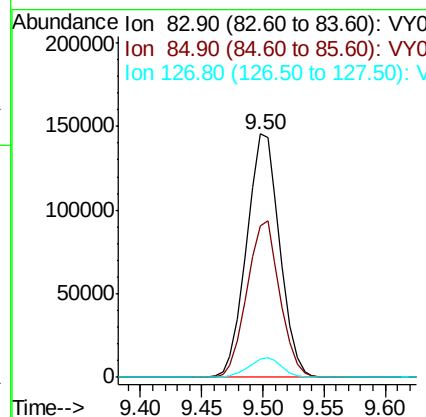
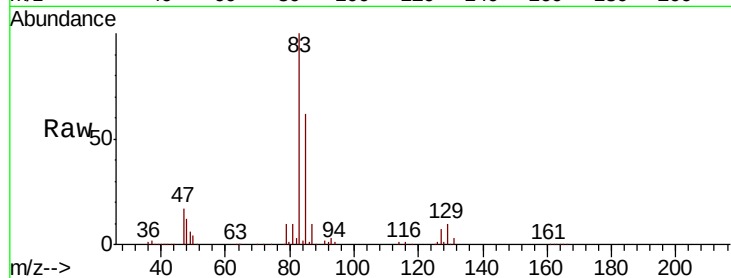
#47
Bromodichloromethane
Concen: 51.519 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	273725		
85	62.4		50.8	76.2
127	7.3		6.6	10.0

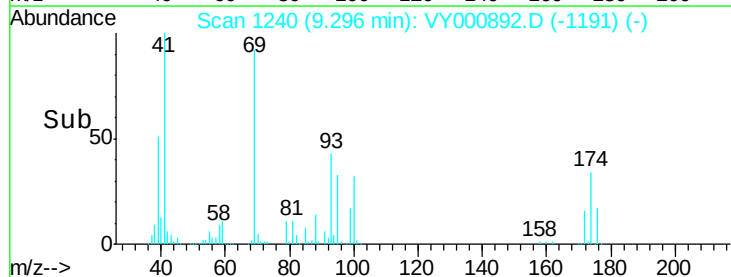
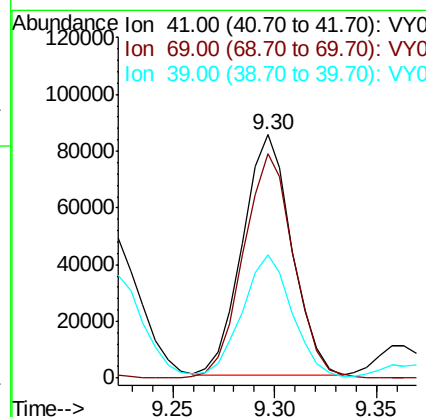
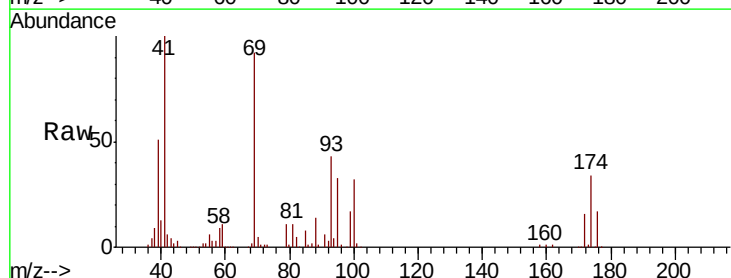
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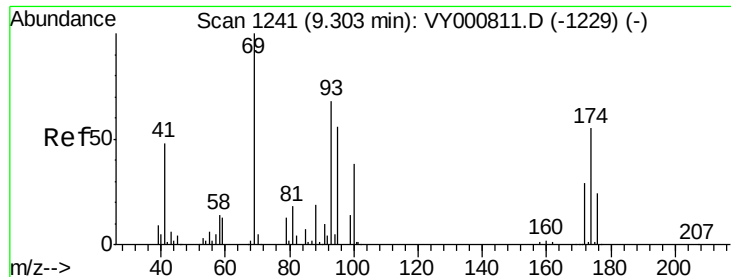
apatel
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#48
Methyl methacrylate
Concen: 50.258 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	142273		
69	95.4		70.4	105.6
39	52.4		40.9	61.3





#49

1,4-Dioxane

Concen: 1013.935 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

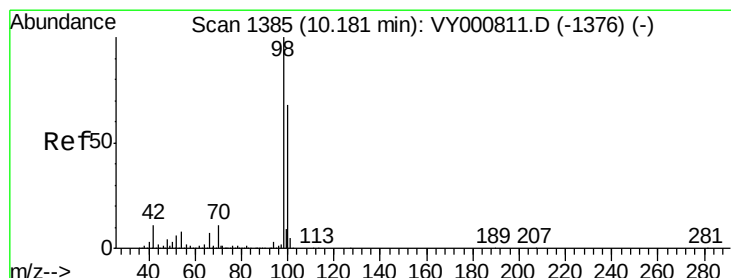
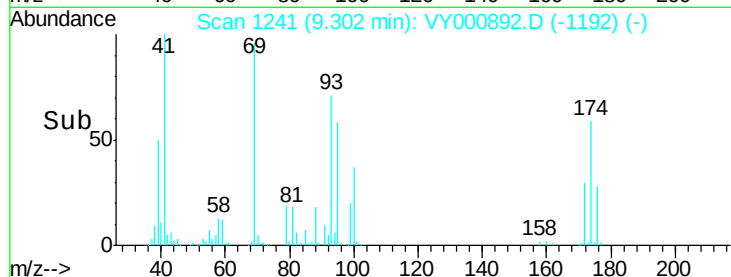
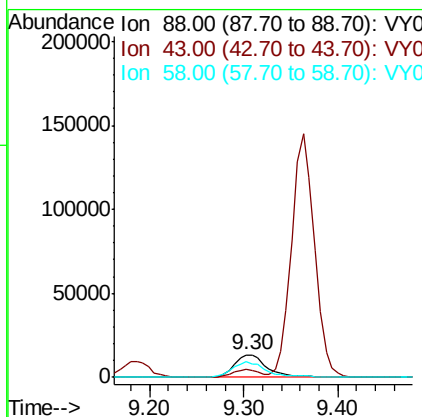
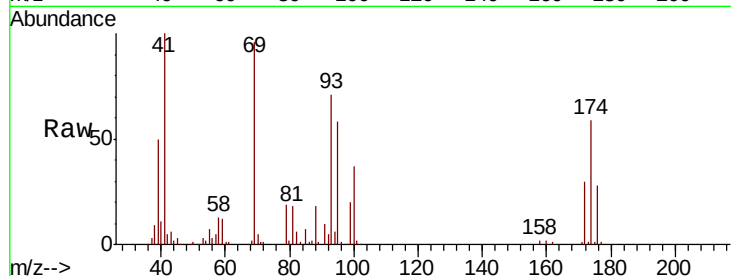
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	32493
Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.1	31.7
58	71.9	50.7	76.1

Manual Integrations
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#50

Toluene-d8

Concen: 51.417 ug/l

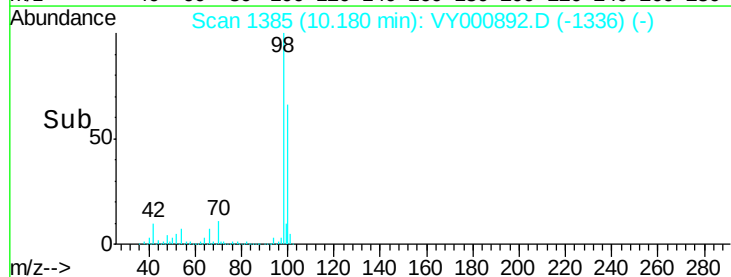
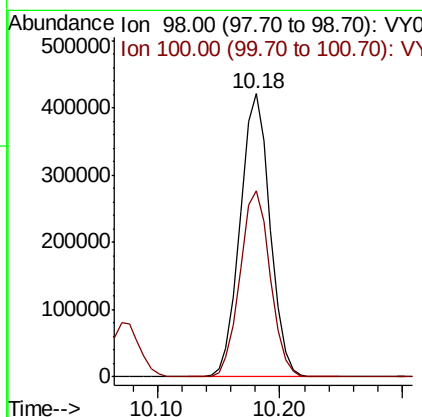
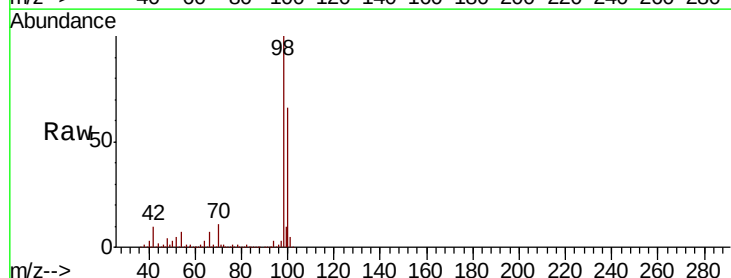
RT: 10.18 min Scan# 1385

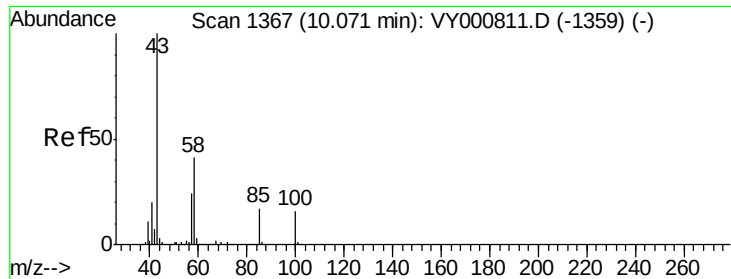
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	98	Resp:	712838
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





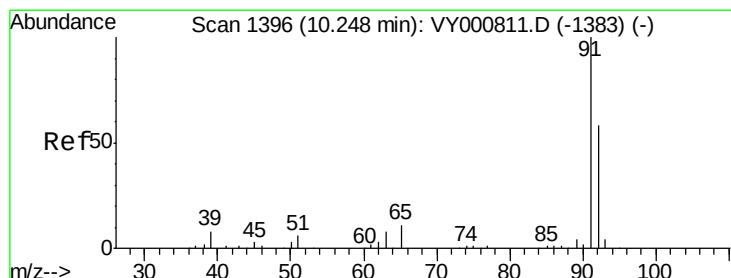
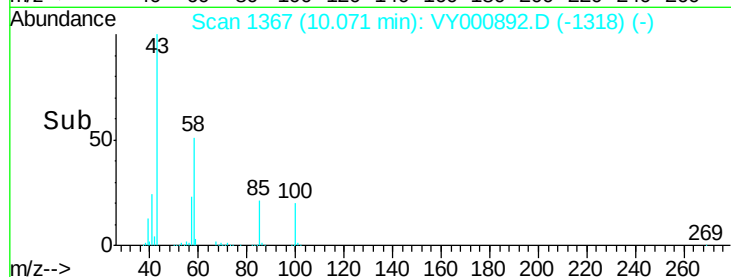
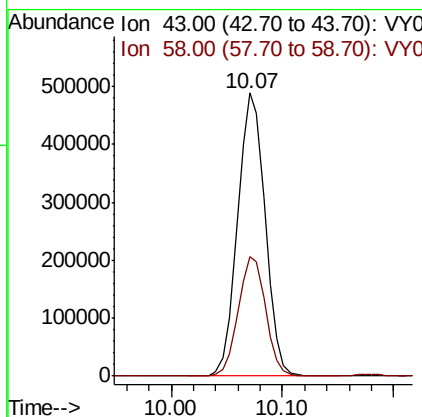
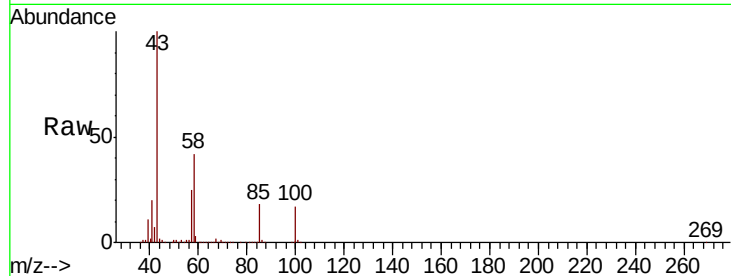
#51
4-Methyl-2-Pentanone
Concen: 250.881 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 834477
Ion Ratio Lower Upper
43 100
58 42.1 33.1 49.7

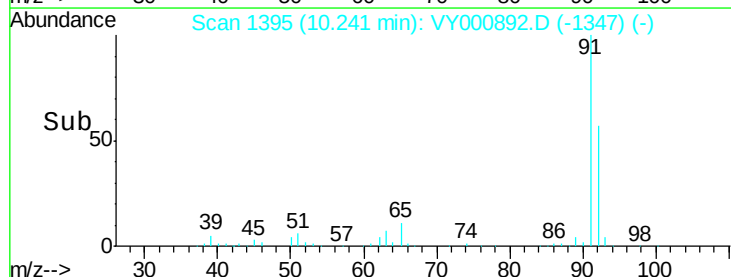
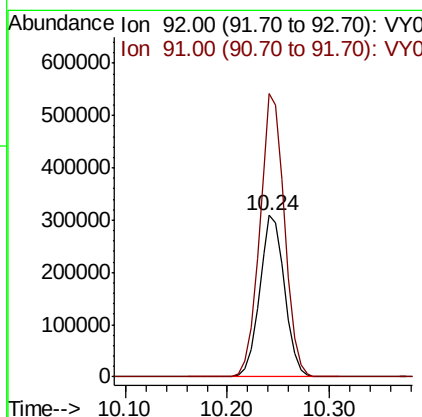
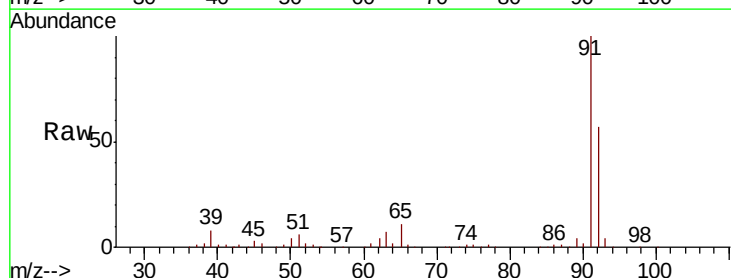
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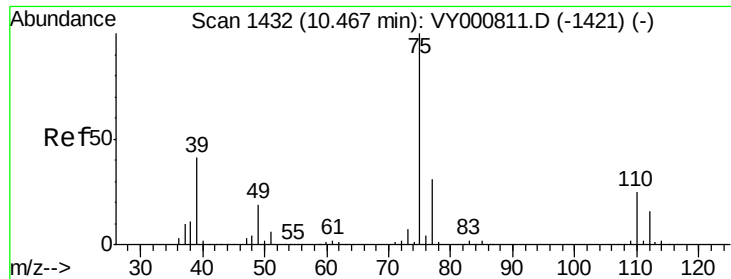
apatel
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#52
Toluene
Concen: 49.094 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 92 Resp: 523831
Ion Ratio Lower Upper
92 100
91 173.7 136.6 204.8





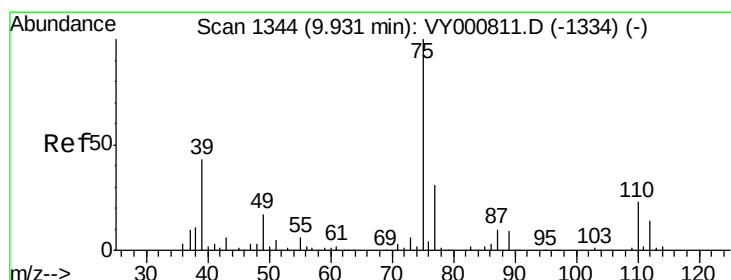
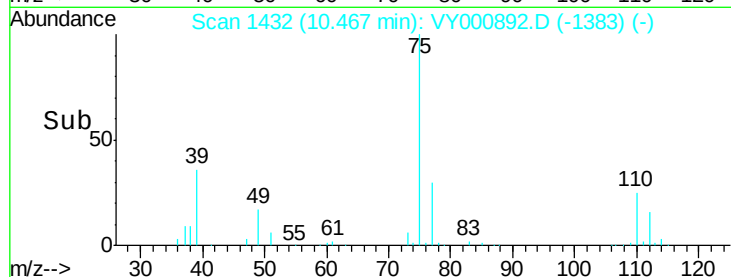
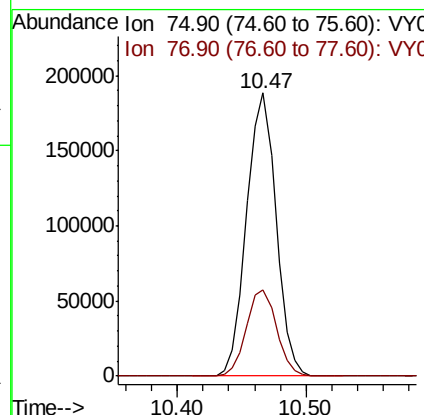
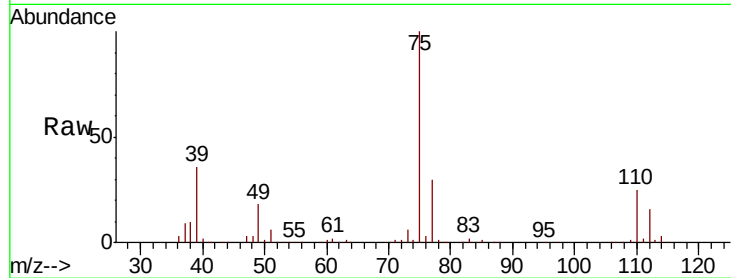
#53
 t-1,3-Dichloropropene
 Concen: 52.196 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.1	37.7

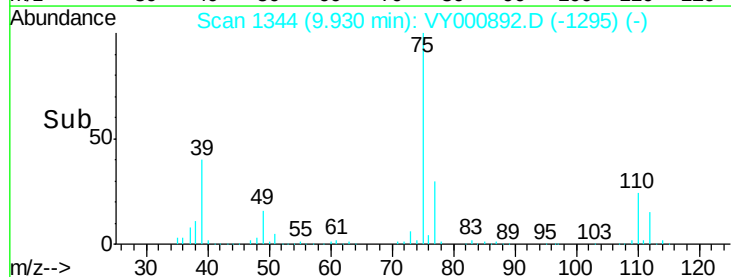
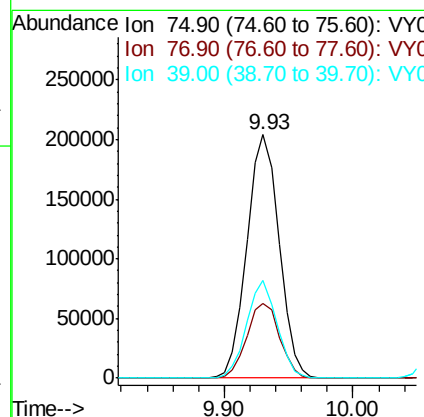
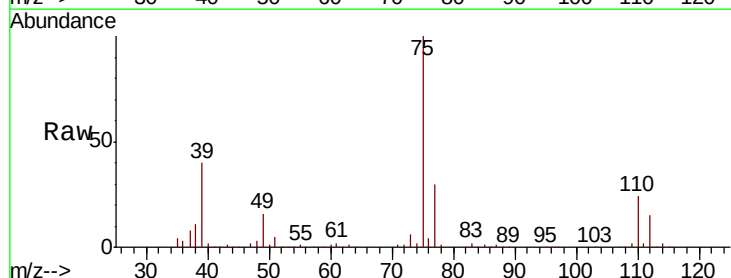
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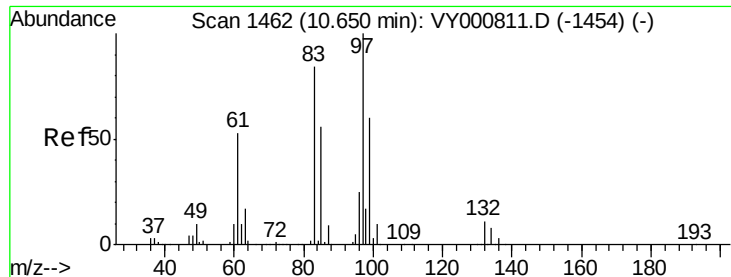
apatel
 12/6/2019 10:01:40 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.112 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.7	37.1
39	39.9	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 51.609 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 172451

Ion Ratio Lower Upper

97 100

83 87.9 67.5 101.3

85 54.6 44.5 66.7

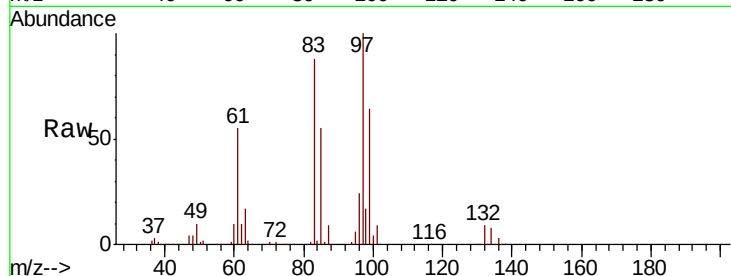
99 63.5 47.7 71.5

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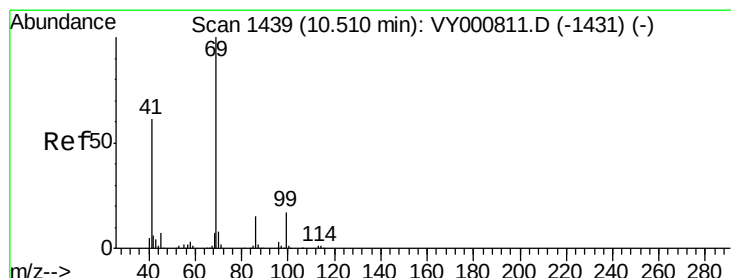
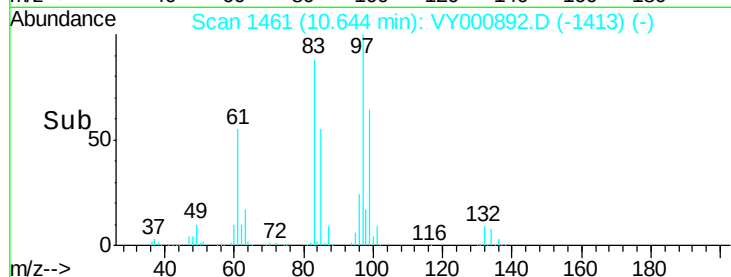
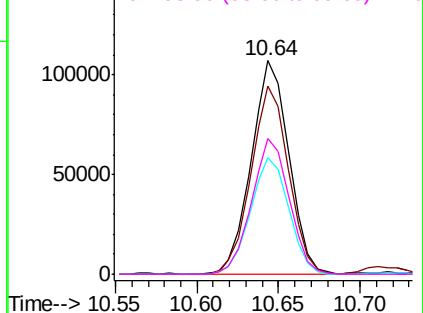


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.357 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

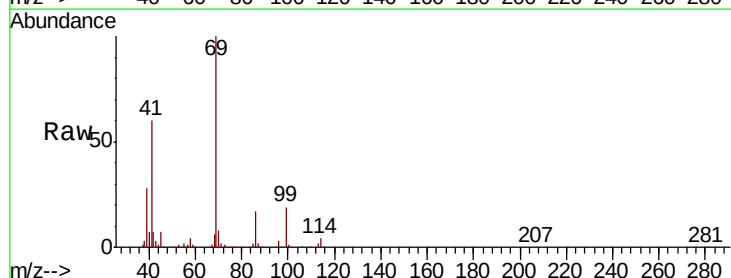
Tgt Ion: 69 Resp: 255054

Ion Ratio Lower Upper

69 100

41 58.9 49.0 73.6

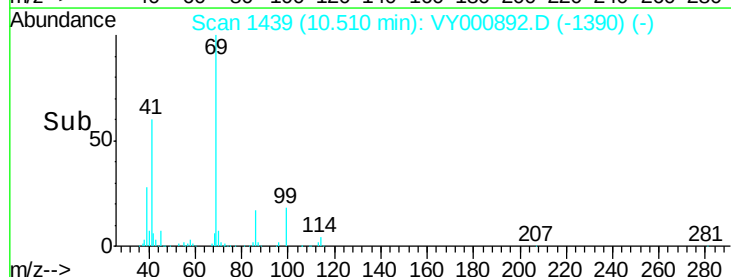
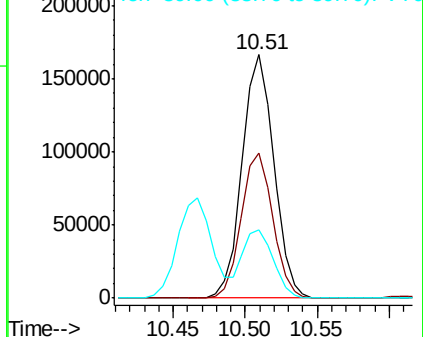
39 28.9 23.1 34.7

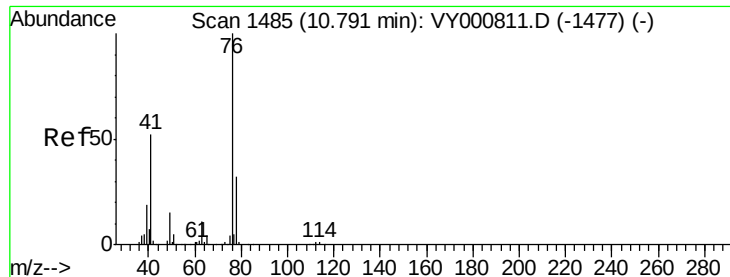


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.483 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 299827

Ion Ratio Lower Upper

76 100

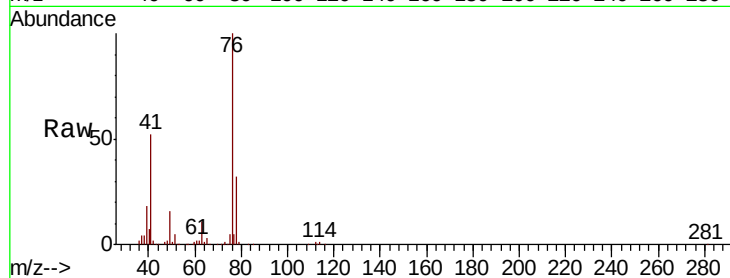
78 32.7 26.4 39.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

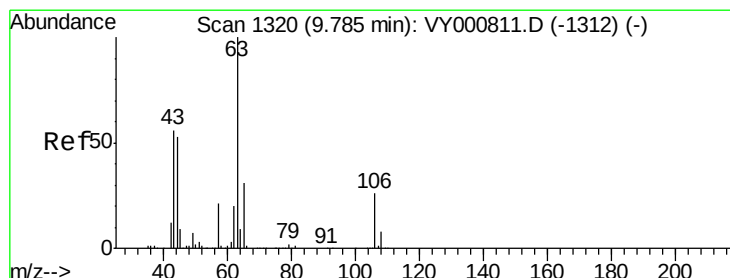
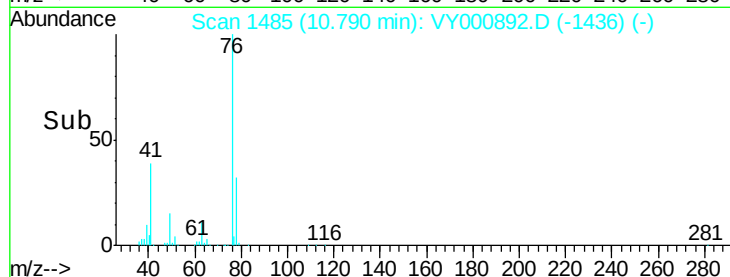
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.239 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000892.D

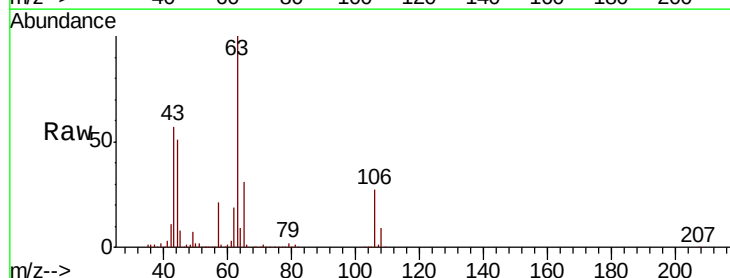
Acq: 05 Dec 2019 19:15

Tgt Ion: 63 Resp: 468820

Ion Ratio Lower Upper

63 100

106 27.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

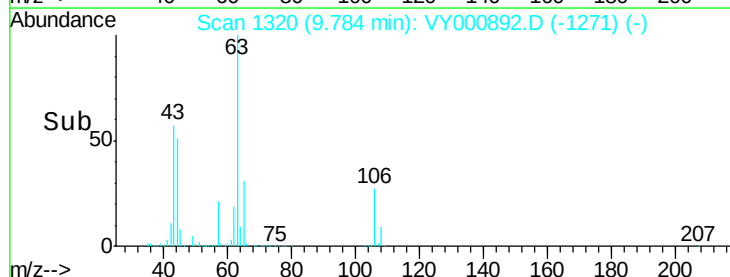
300000

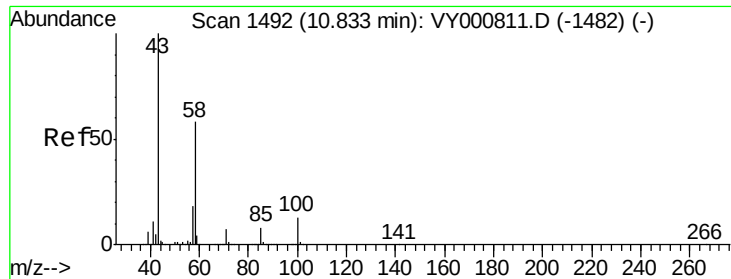
200000

100000

0

Time-->





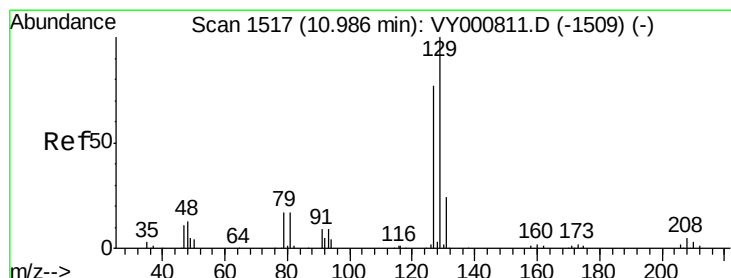
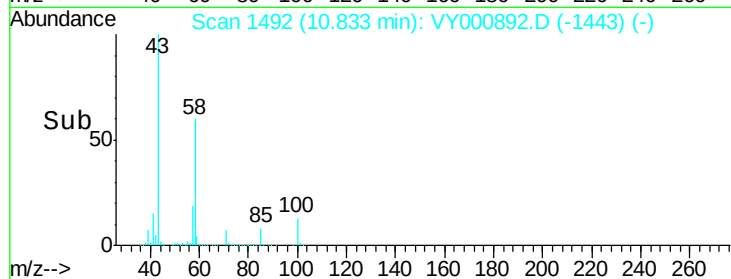
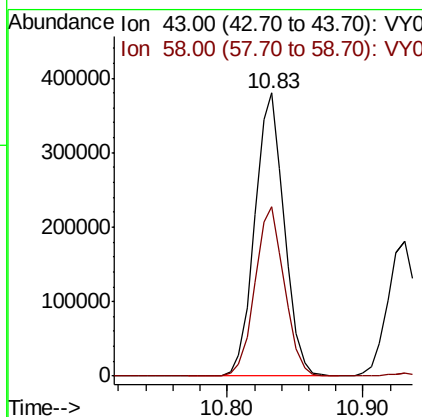
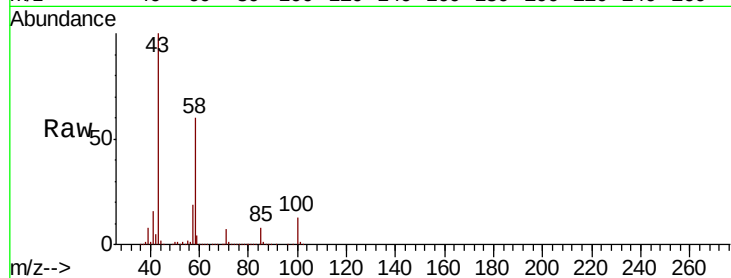
#59
2-Hexanone
Concen: 238.479 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	578004
Ion Ratio	43	100	
Lower	58	59.8	29.0
Upper			87.1

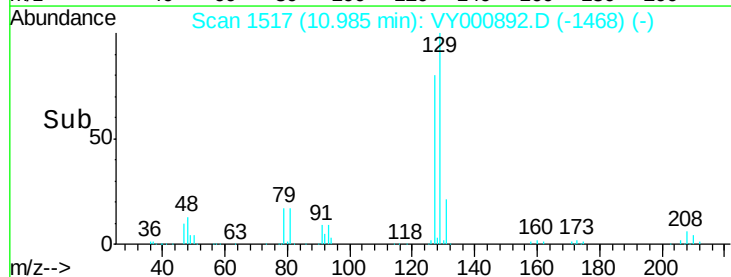
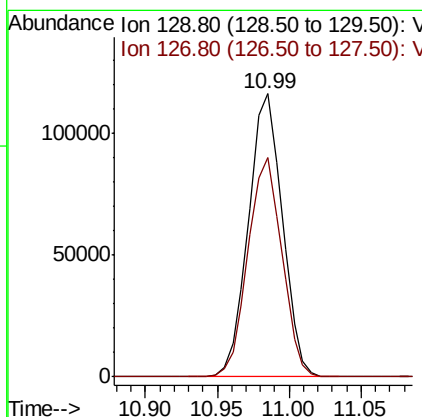
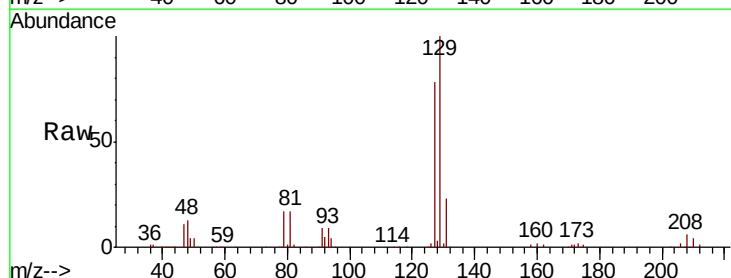
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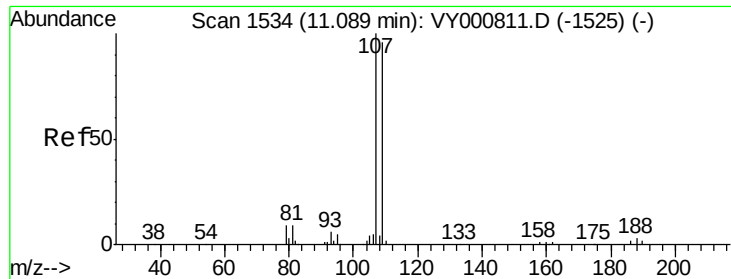
apatel
12/6/2019 10:01:40 AM



#60
Dibromochloromethane
Concen: 52.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	129	Resp	189215
Ion Ratio	129	100	
Lower	127	77.5	39.1
Upper			117.2





#61

1,2-Dibromoethane

Concen: 53.225 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 167614

Ion Ratio Lower Upper

107 100

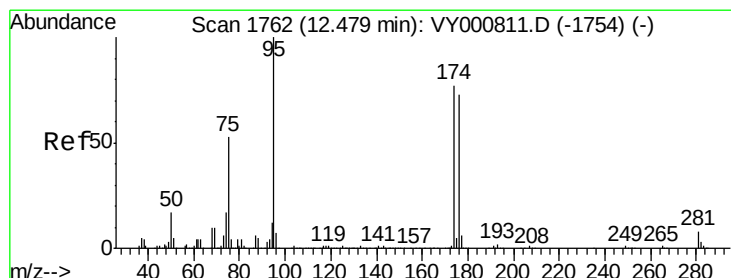
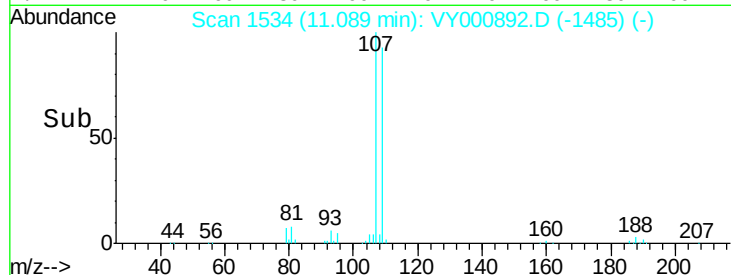
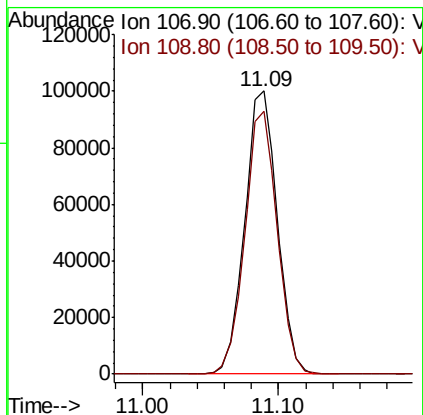
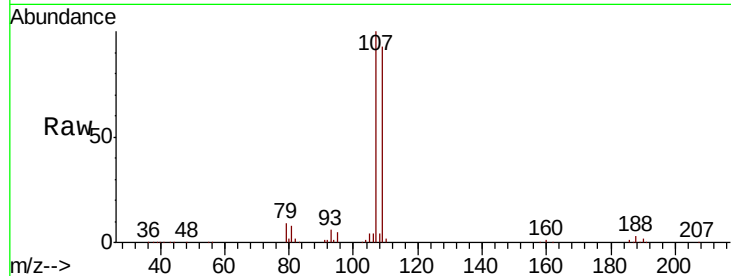
109 92.3 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 47.849 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

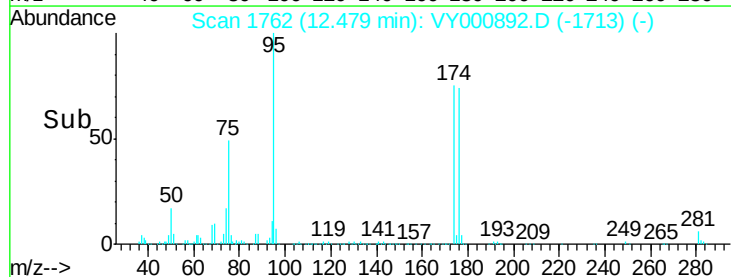
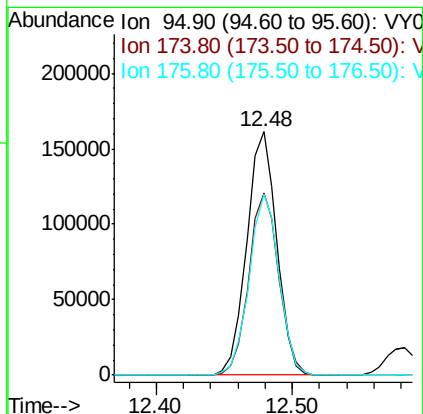
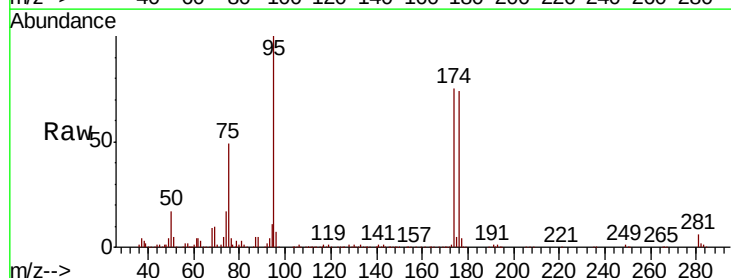
Tgt Ion: 95 Resp: 249135

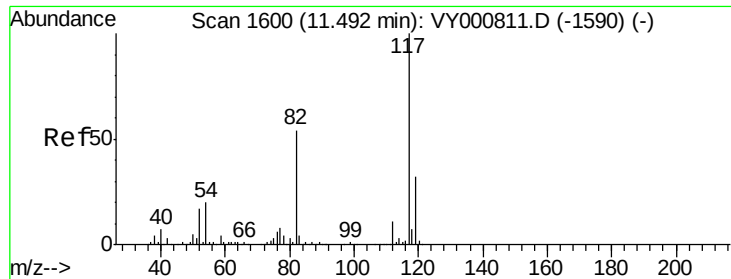
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 74.1 0.0 145.2





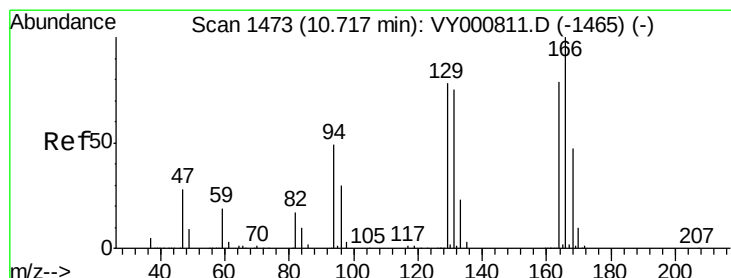
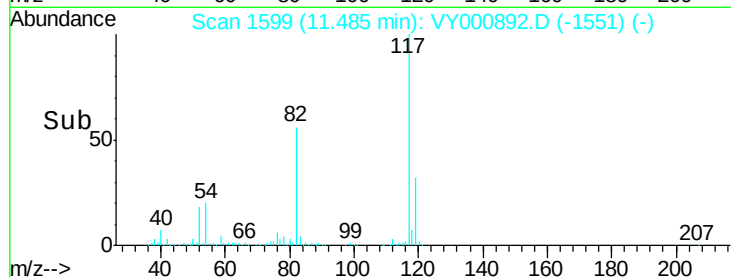
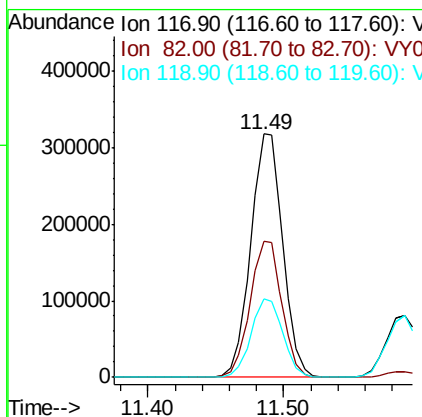
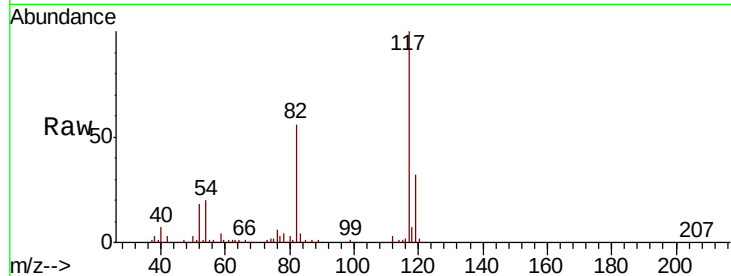
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.1	64.7
119	32.0	25.3	37.9

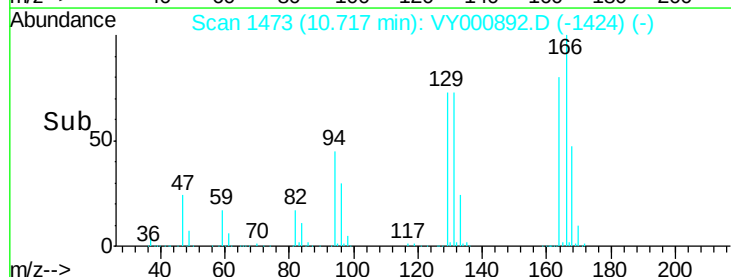
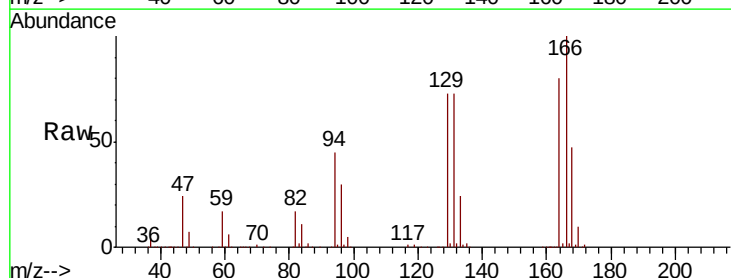
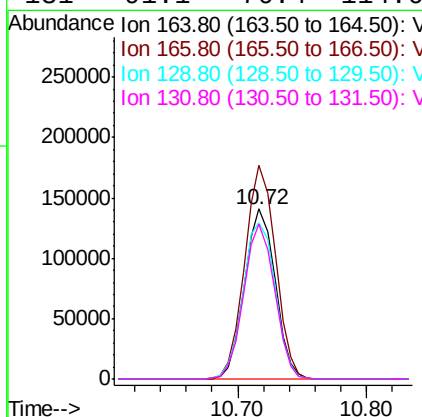
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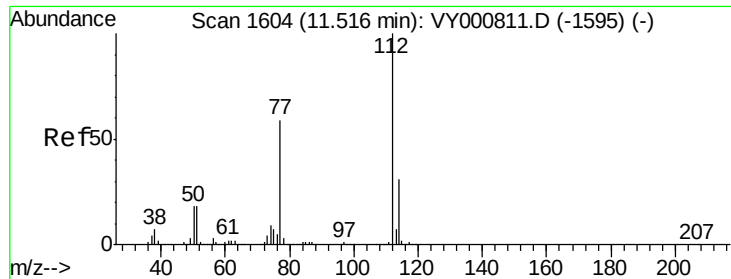
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#64
Tetrachloroethene
Concen: 50.888 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.8	152.8
129	92.1	79.3	118.9
131	91.1	76.4	114.6





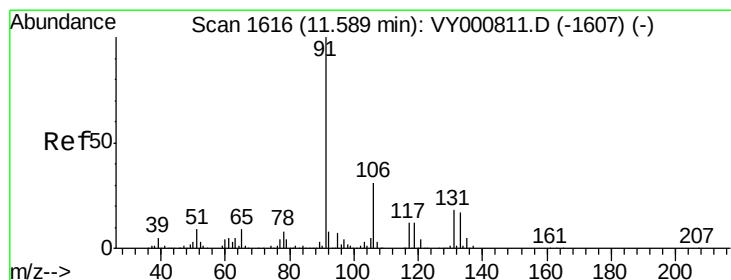
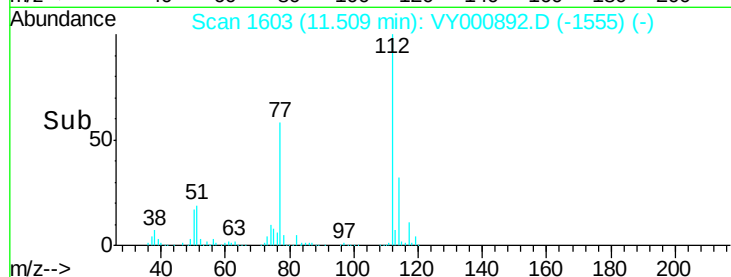
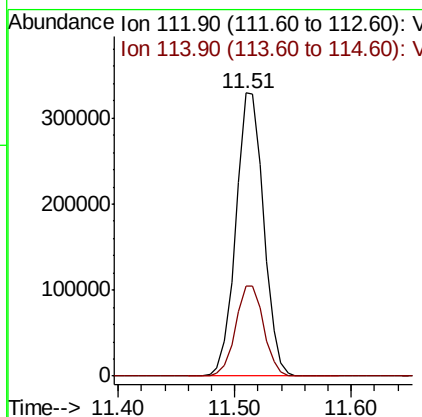
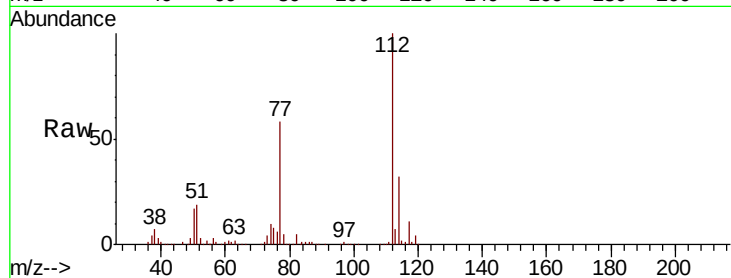
#65
Chlorobenzene
Concen: 50.172 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

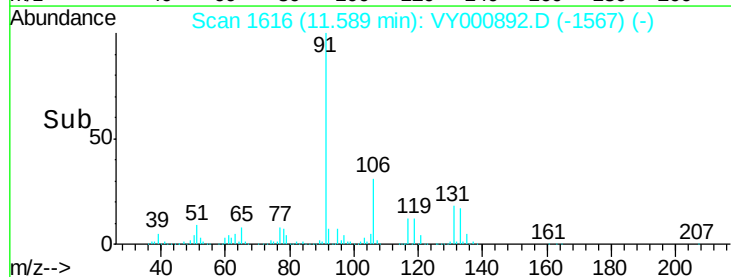
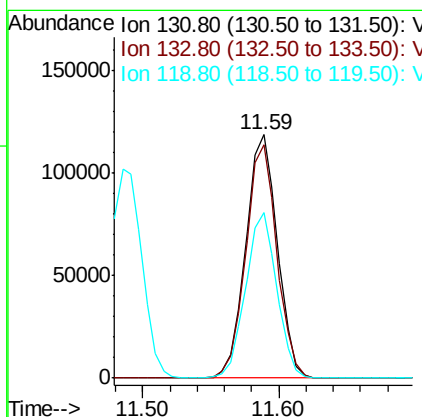
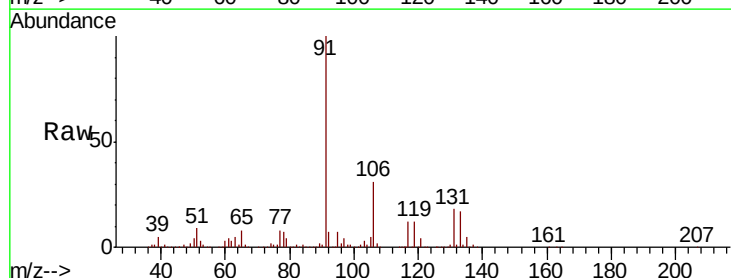
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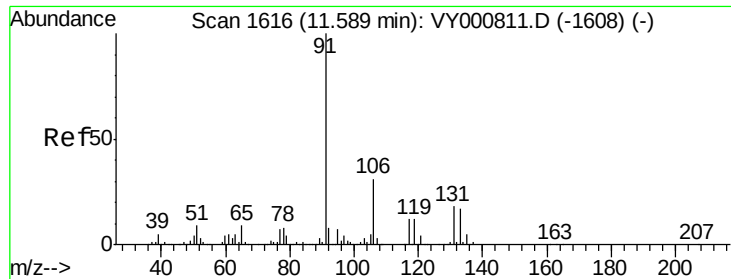
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.518 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.4	142.2
119	67.3	33.8	101.3





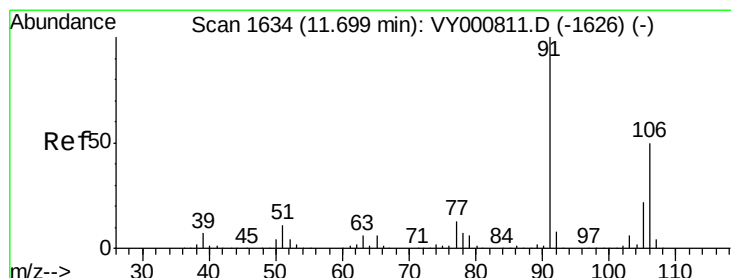
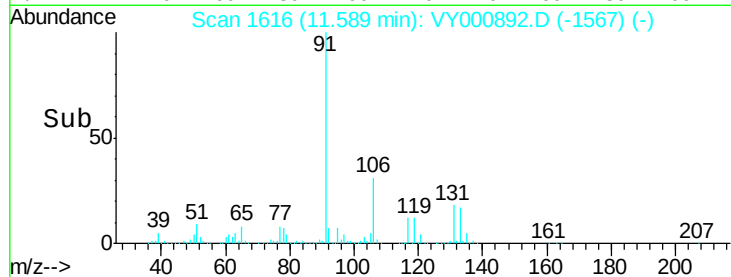
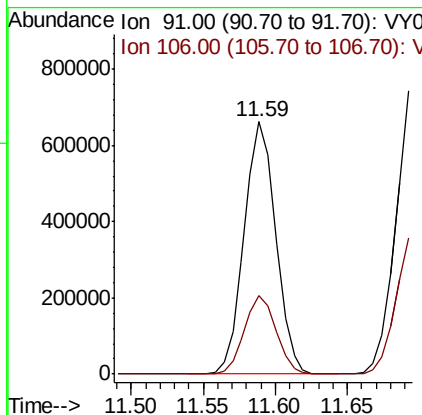
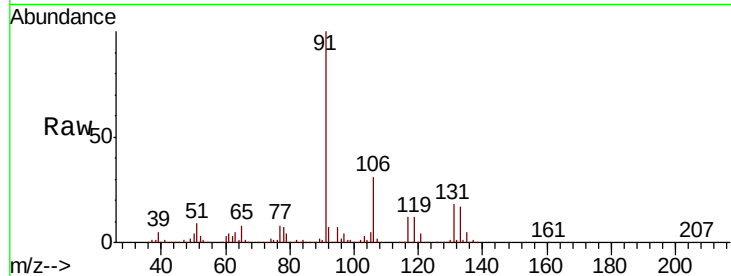
#67
Ethyl Benzene
Concen: 49.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1006413
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

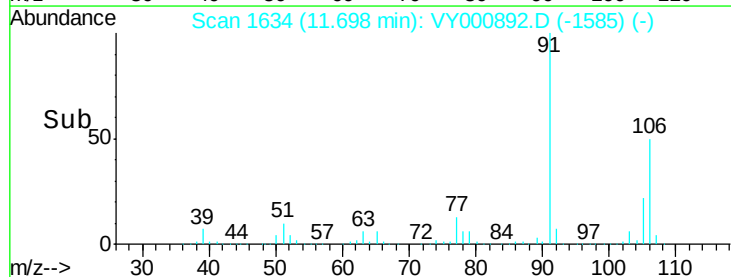
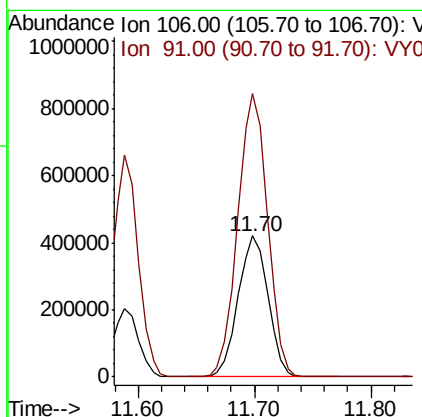
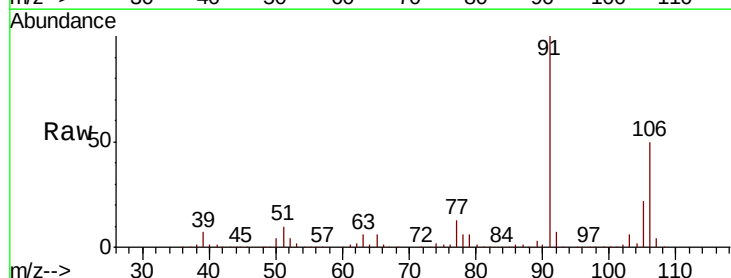
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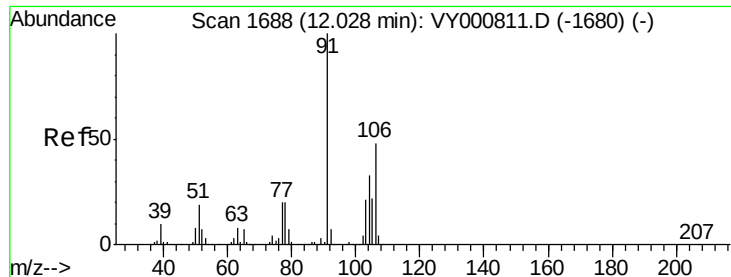
apatel
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#68
m/p-Xylenes
Concen: 99.058 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion: 106 Resp: 755421
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





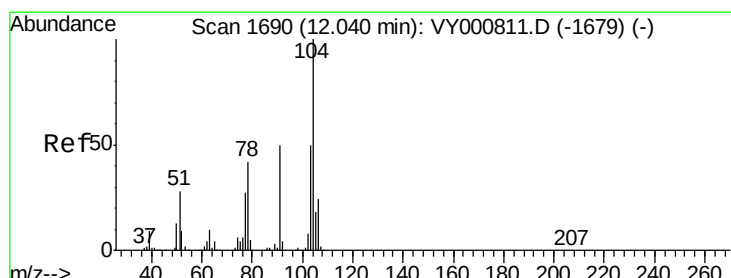
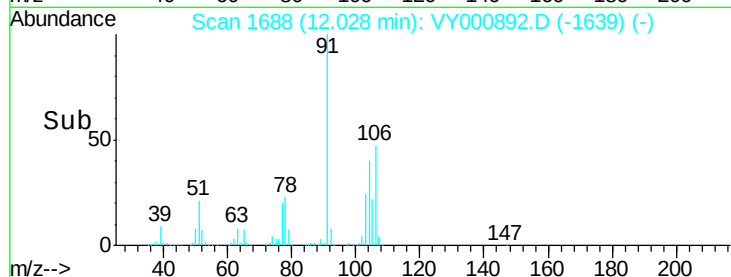
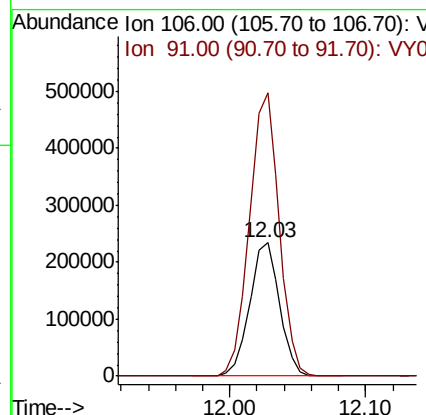
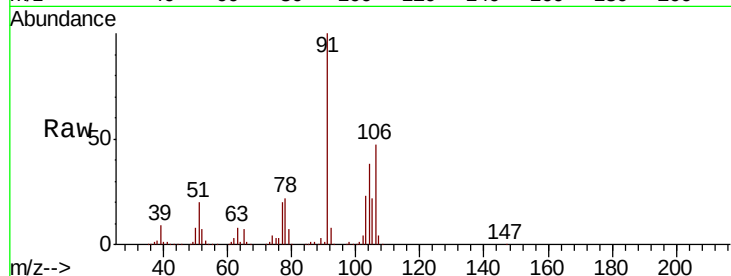
#69
o-Xylene
Concen: 50.526 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.6	106.1	359265	318.1	

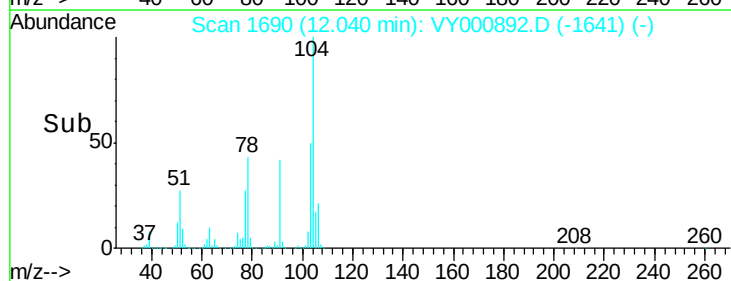
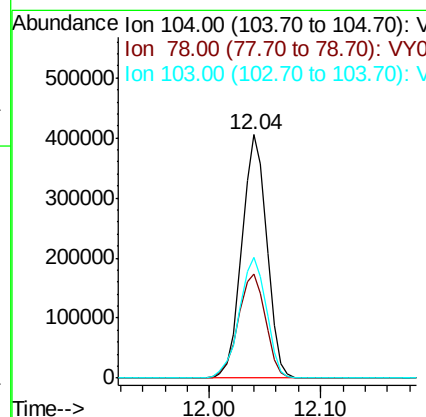
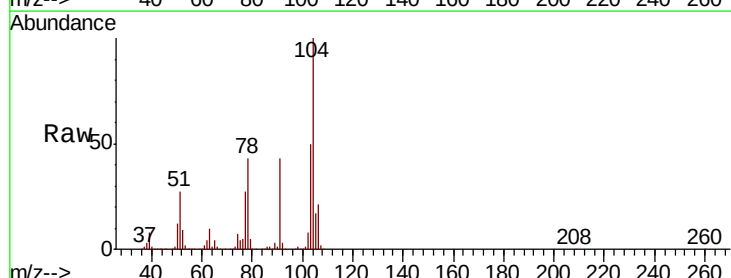
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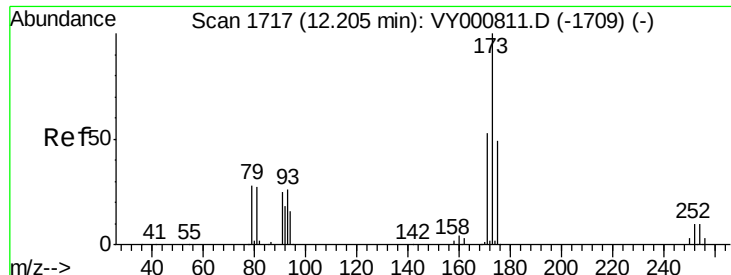
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#70
Styrene
Concen: 51.373 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.2	38.2	625481	57.4	
103	53.9	43.4		65.0	





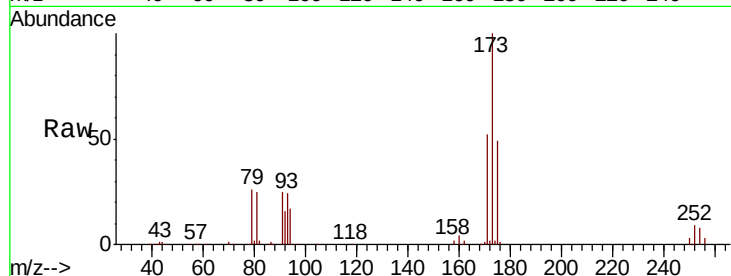
#71
Bromoform
Concen: 53.746 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

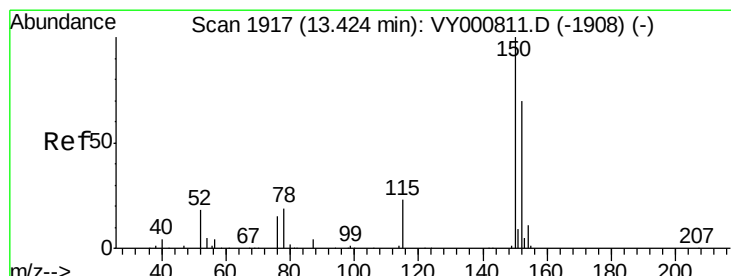
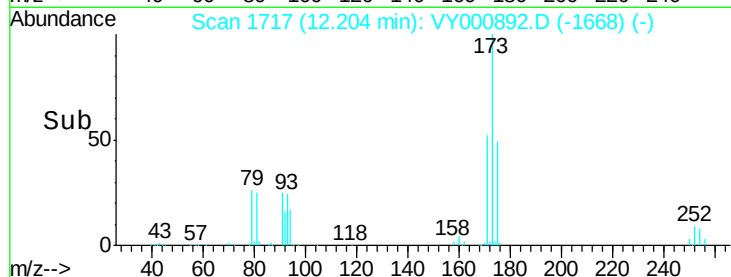
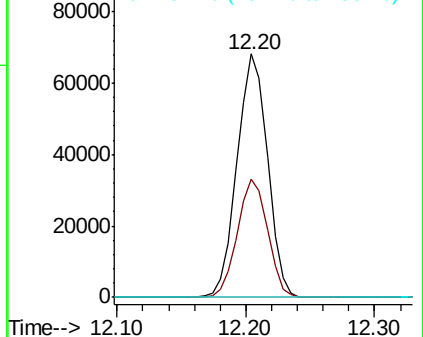
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.0	0.0	0.0

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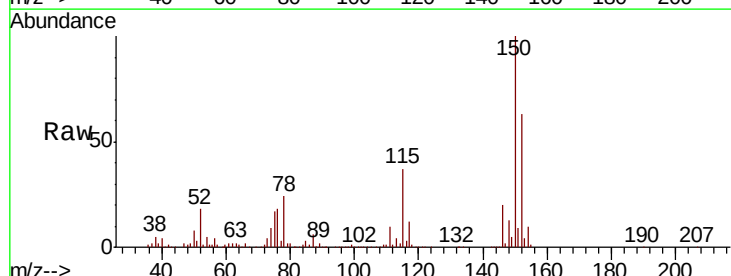


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

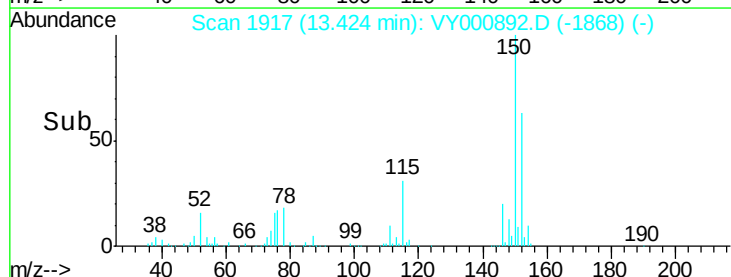
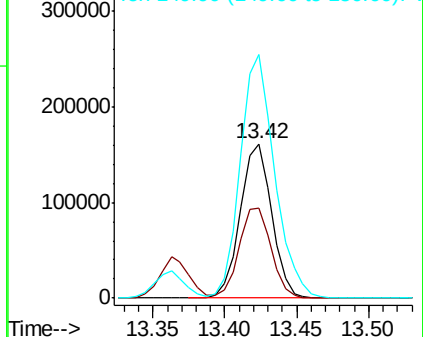


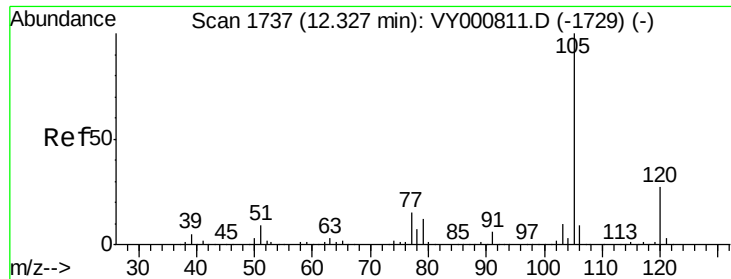
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	87.8
150	173.4	0.0	351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.292 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 952488

Ion Ratio Lower Upper

105 100

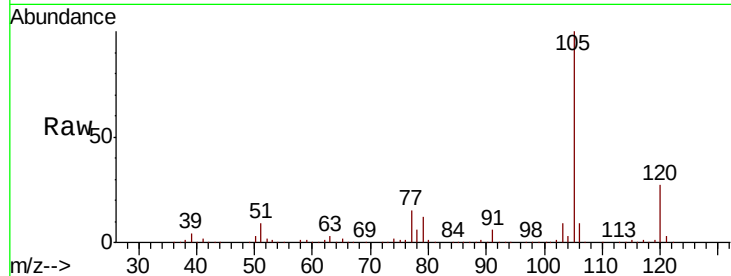
120 26.9 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

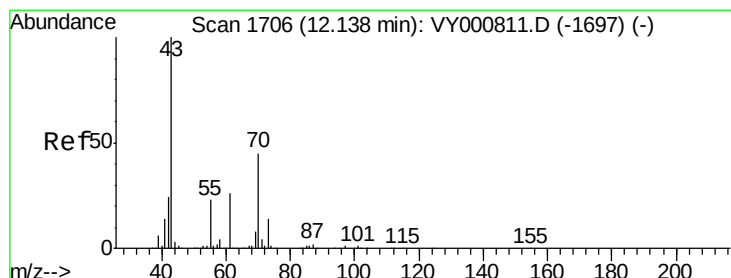
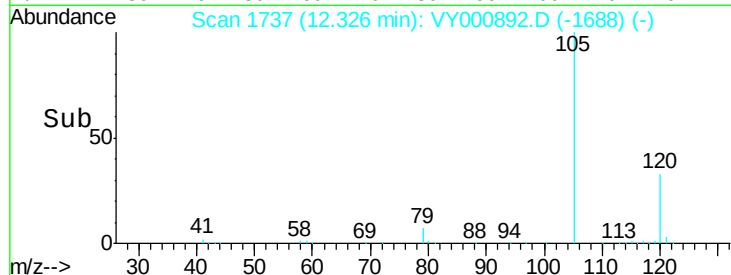
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.977 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion: 43 Resp: 274174

Ion Ratio Lower Upper

43 100

70 47.0 36.6 54.8

55 23.8 18.8 28.2

61 27.3 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

300000

250000

200000

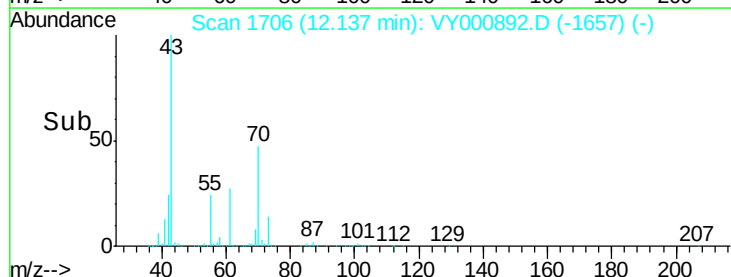
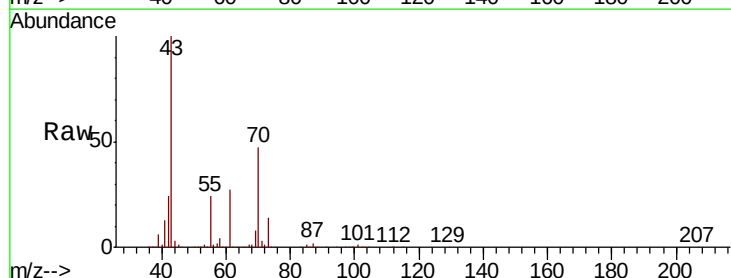
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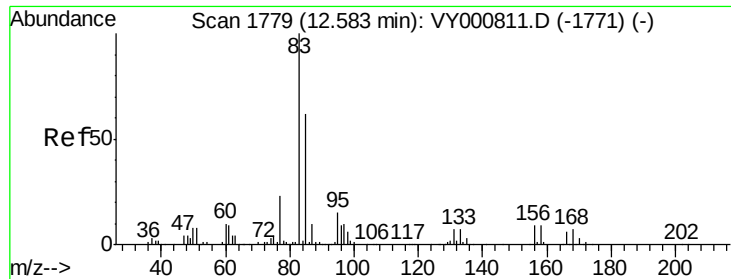
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.094 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

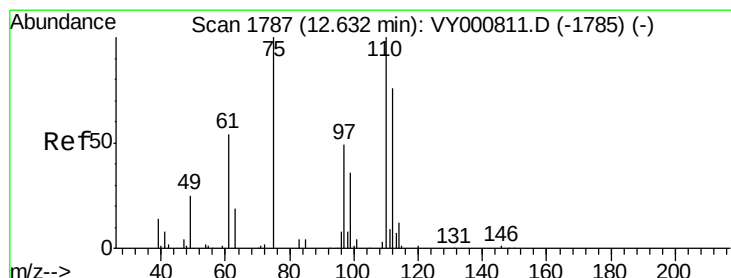
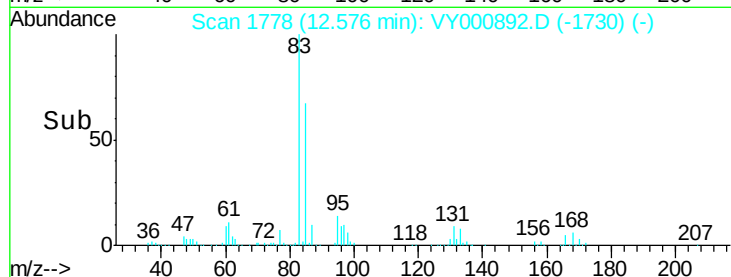
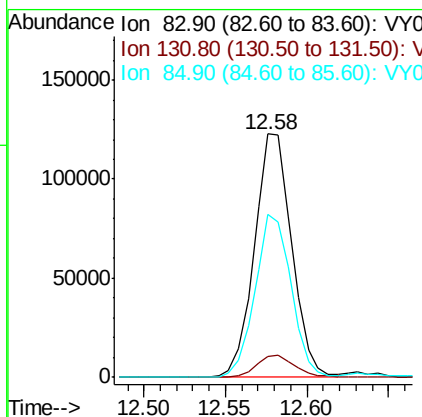
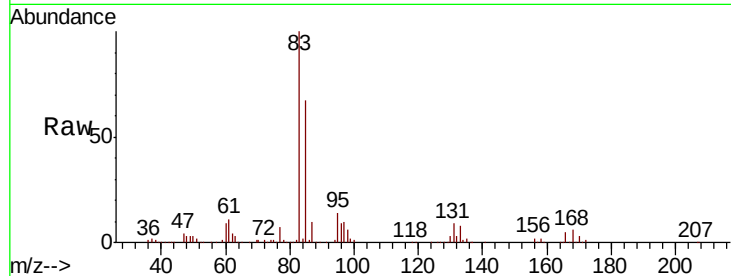
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	194535
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.3	13.1
85	65.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 59.938 ug/l m

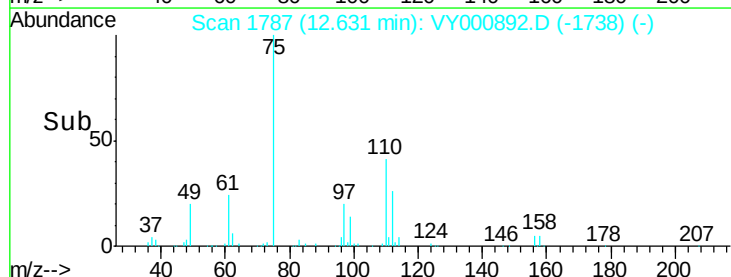
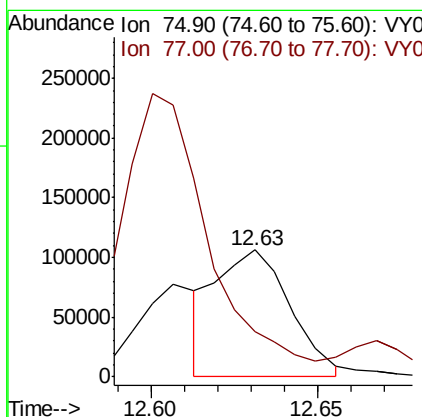
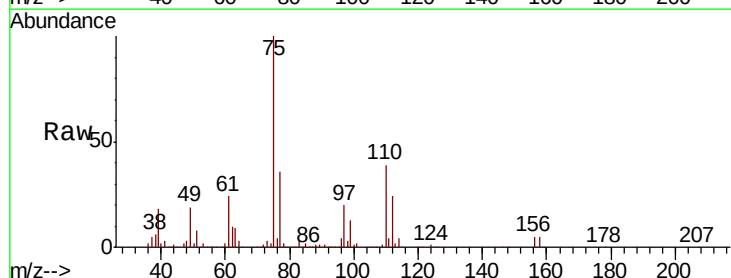
RT: 12.63 min Scan# 1787

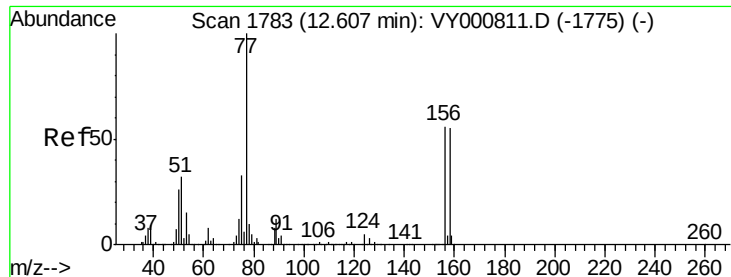
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	75	Resp:	164806
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.182 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 214379

Ion Ratio Lower Upper

156 100

77 203.5 102.6 307.7

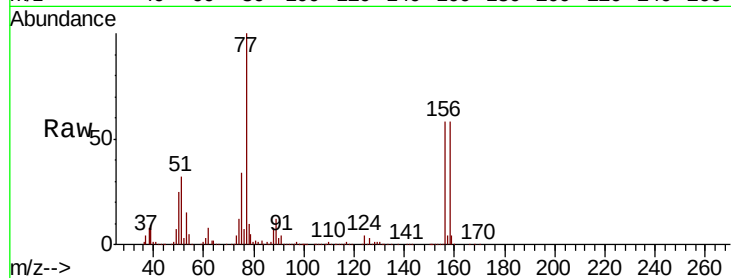
158 97.3 47.6 142.8

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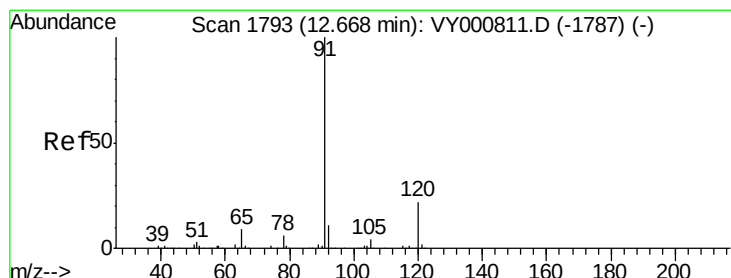
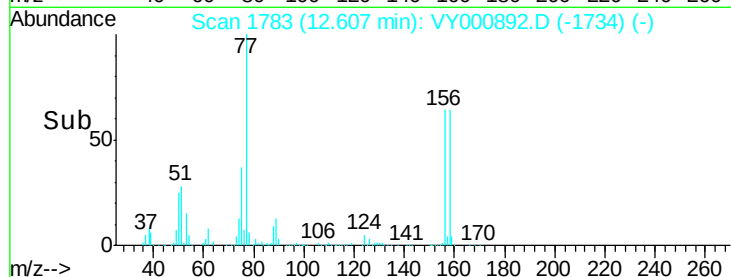
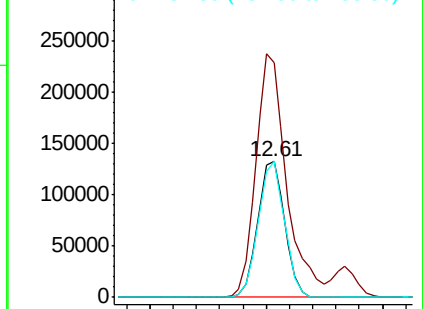
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.550 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000892.D

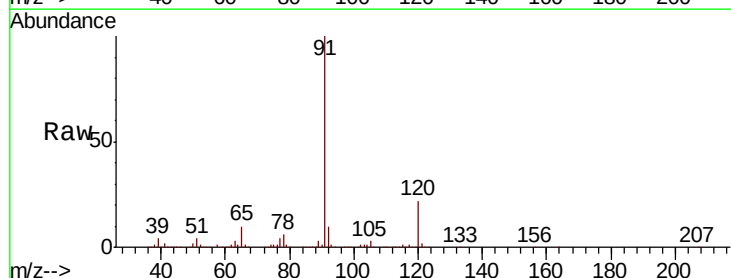
Acq: 05 Dec 2019 19:15

Tgt Ion: 91 Resp: 1169074

Ion Ratio Lower Upper

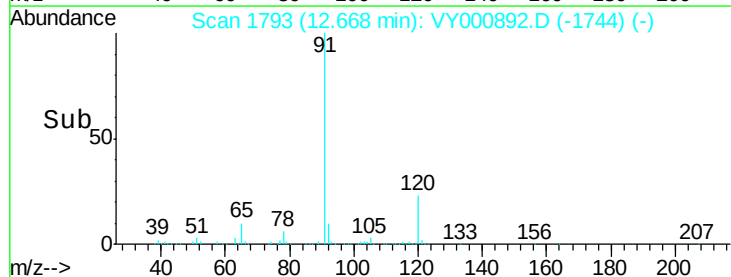
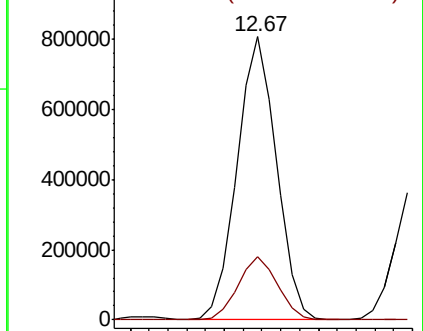
91 100

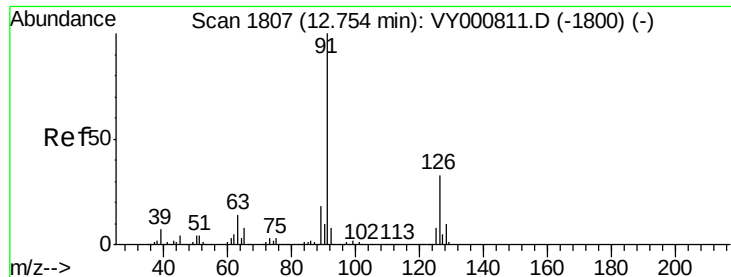
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.245 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 641891

Ion Ratio Lower Upper

91 100

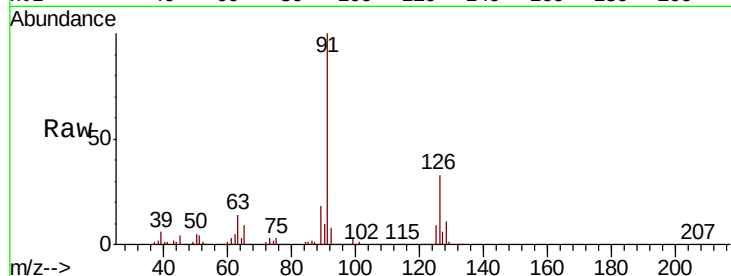
126 34.0 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

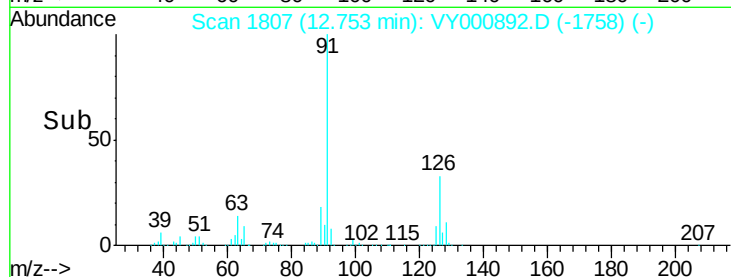
600000

400000

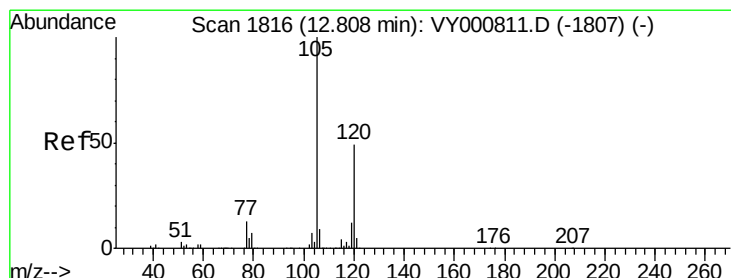
200000

0

12.70 12.75 12.80



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.961 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000892.D

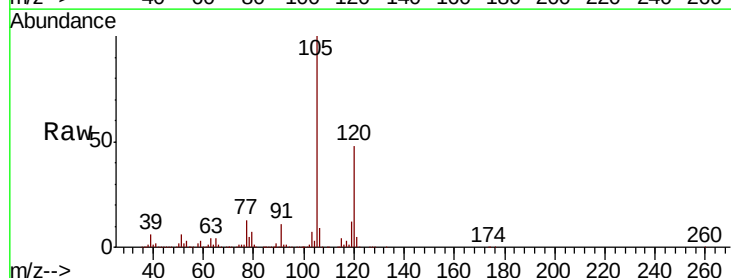
Acq: 05 Dec 2019 19:15

Tgt Ion: 105 Resp: 799340

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

600000

500000

400000

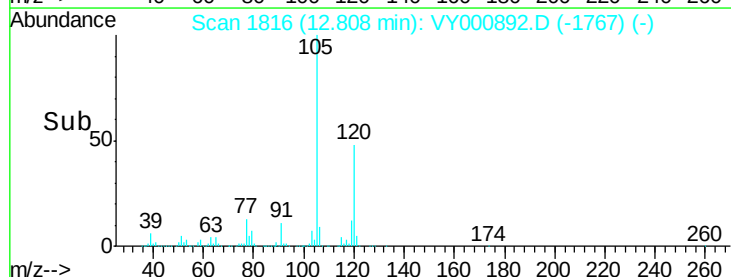
300000

200000

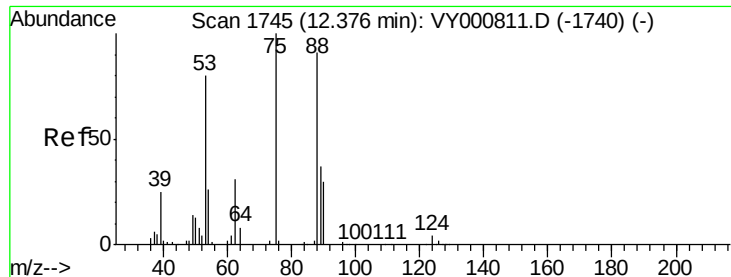
100000

0

12.70 12.80 12.90



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 51.527 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

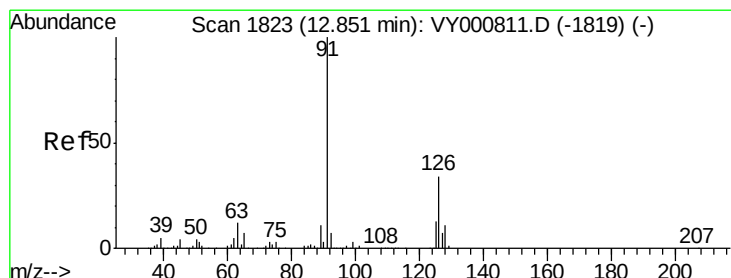
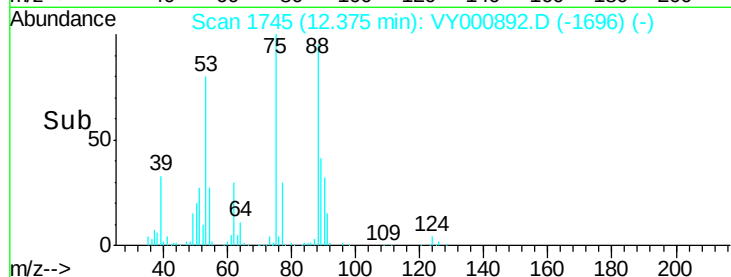
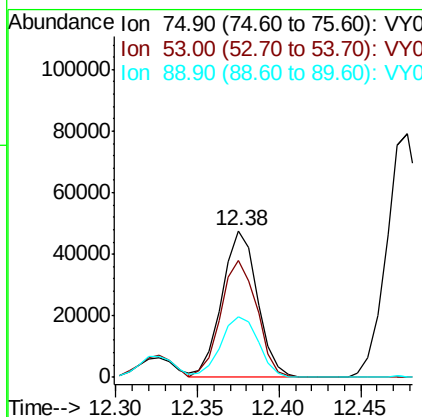
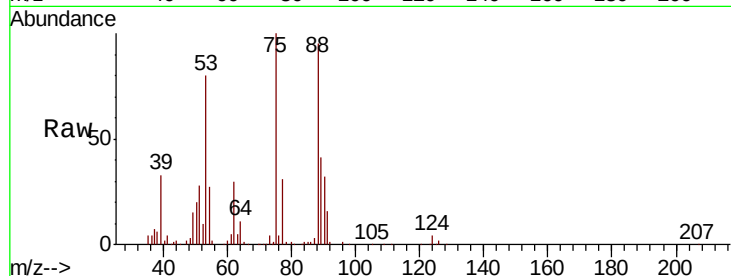
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	72128
Ion Ratio	Lower	Upper	
75	100		
53	81.2	64.6	96.8
89	43.9	33.6	50.4

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#82

4-Chlorotoluene

Concen: 50.379 ug/l

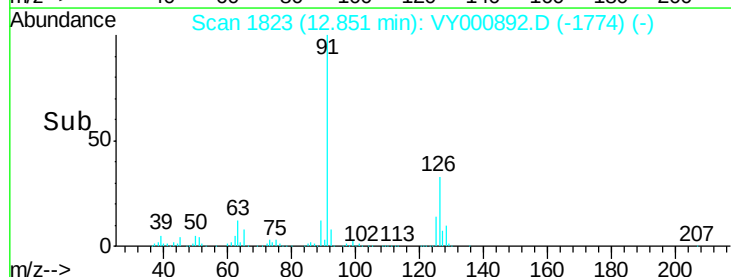
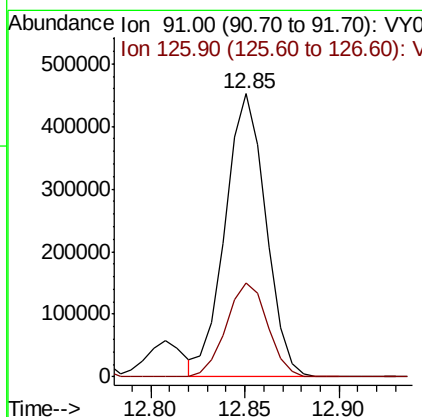
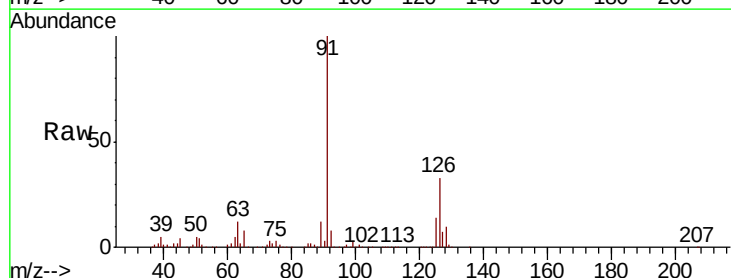
RT: 12.85 min Scan# 1823

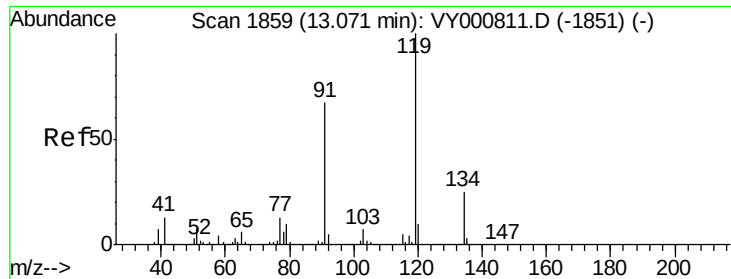
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	91	Resp:	676538
Ion Ratio	Lower	Upper	
91	100		
126	33.8	17.3	51.9





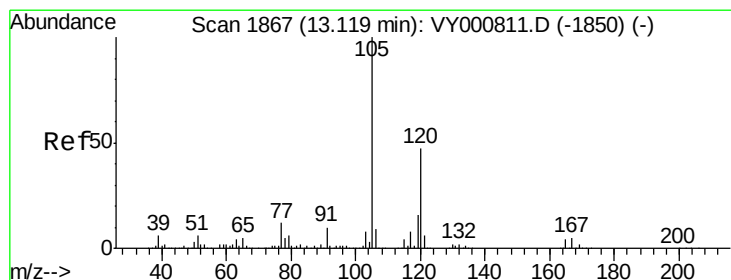
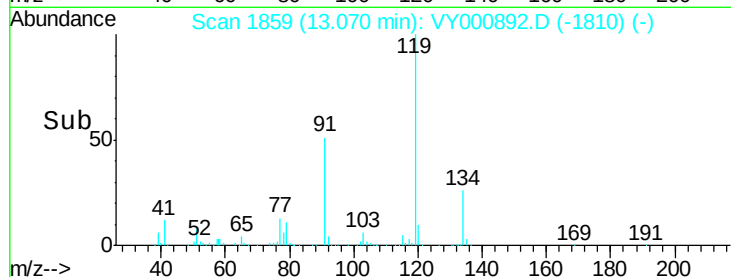
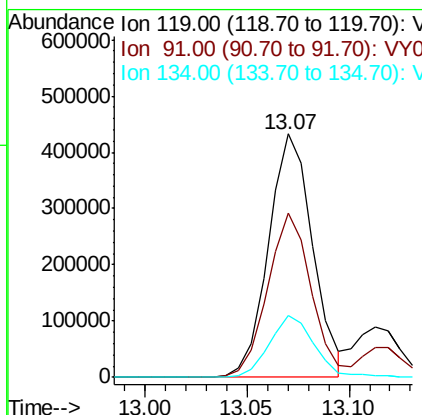
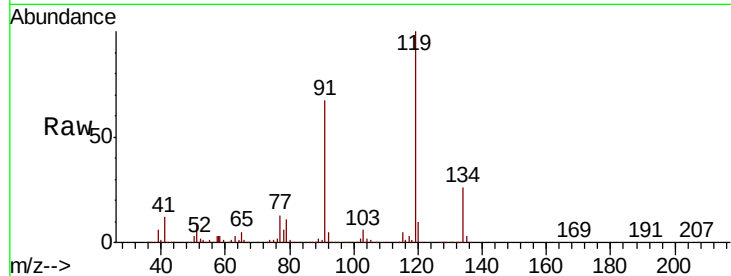
#83
 tert-Butylbenzene
 Concen: 48.424 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	32.3	96.8
134	26.0	12.9	38.7

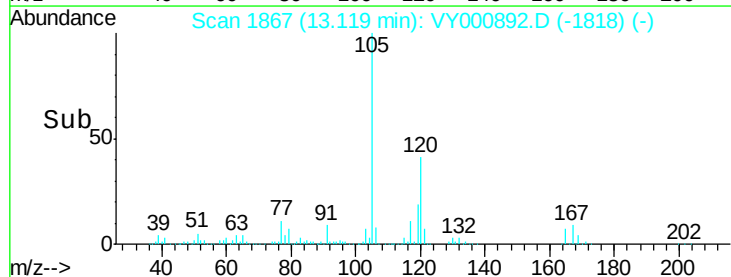
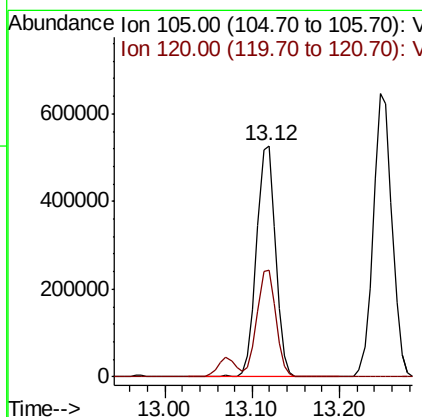
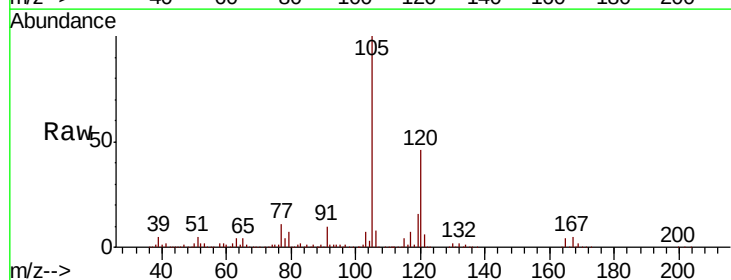
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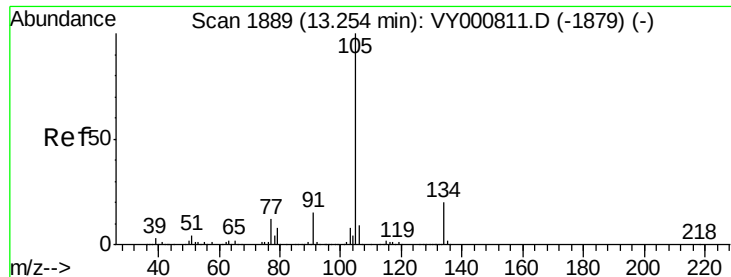
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.647 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.405 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 966497

Ion Ratio Lower Upper

105 100

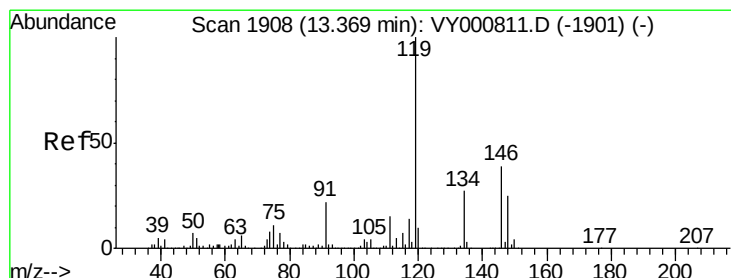
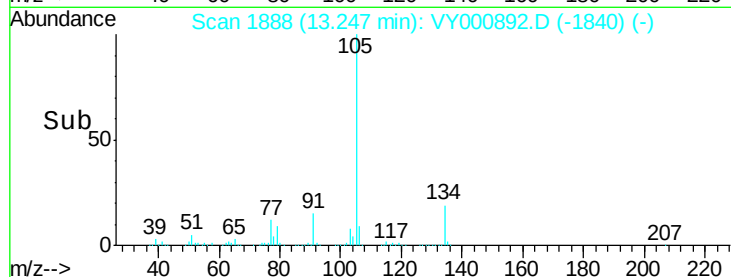
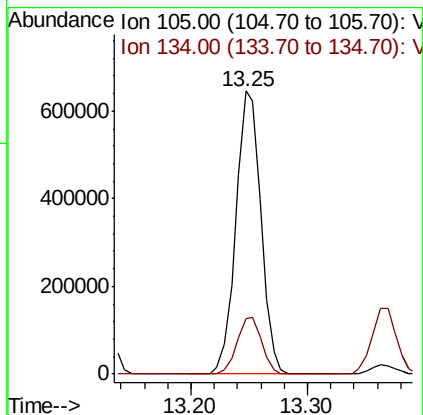
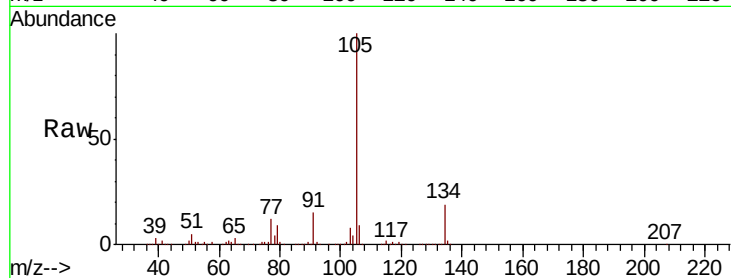
134 19.8 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 49.167 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

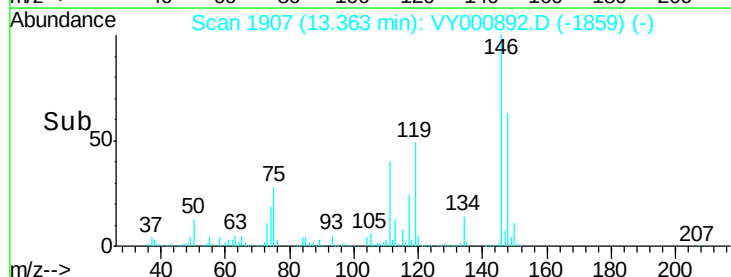
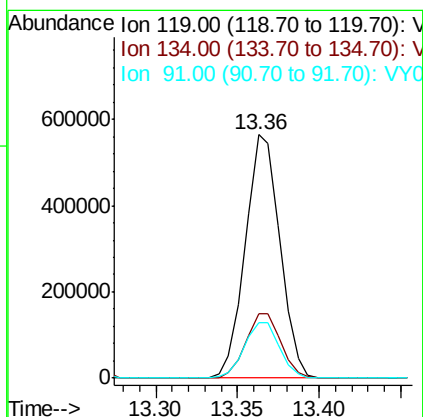
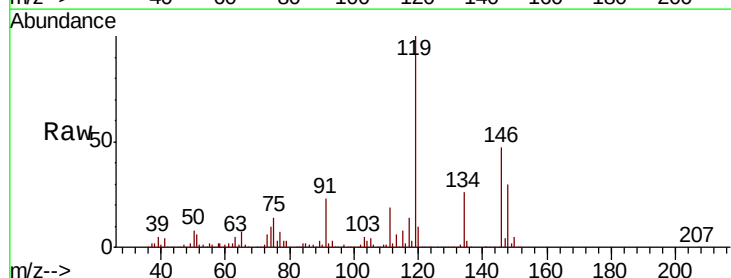
Tgt Ion:119 Resp: 836590

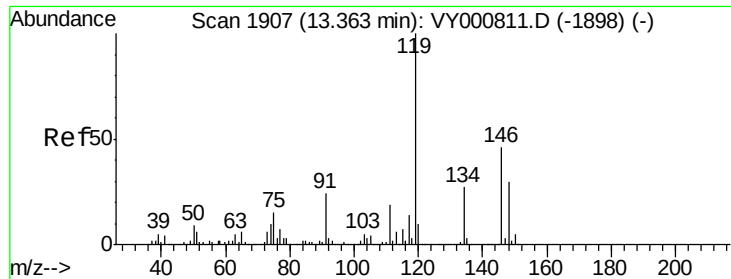
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 49.867 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Instrument :

MSVOA_Y

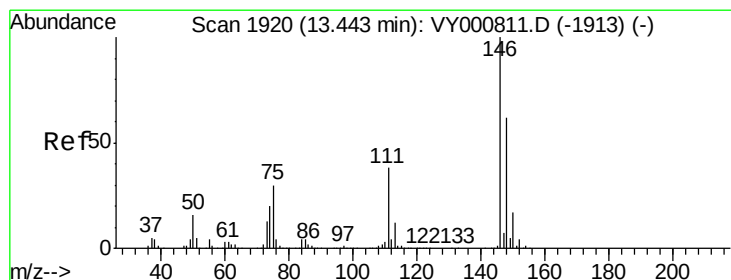
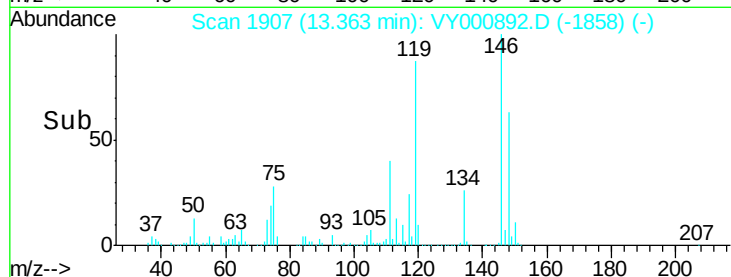
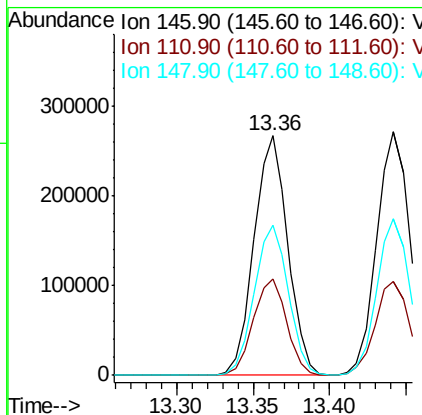
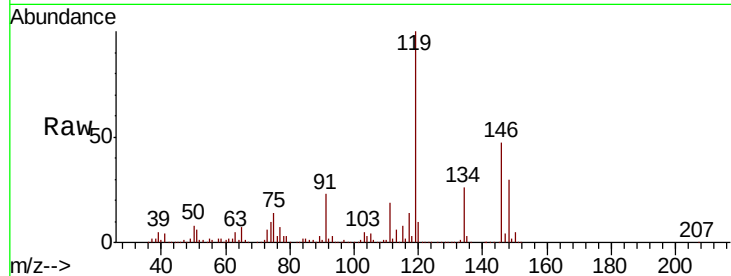
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	409746
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.0	60.0
148	63.5	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 50.282 ug/l

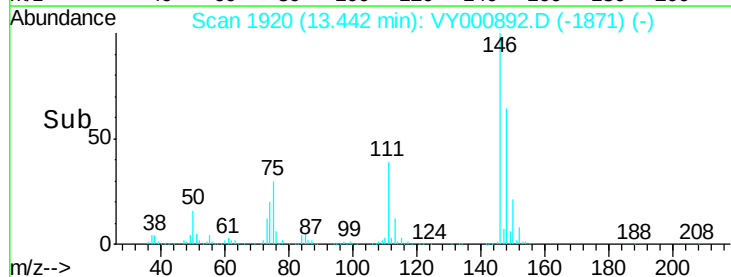
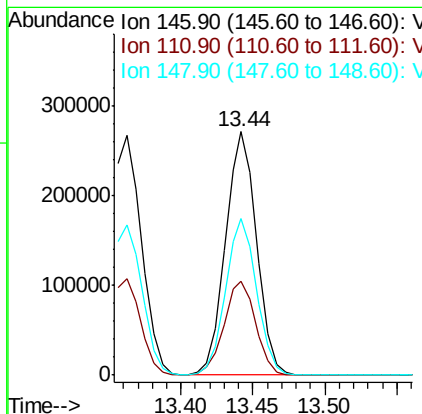
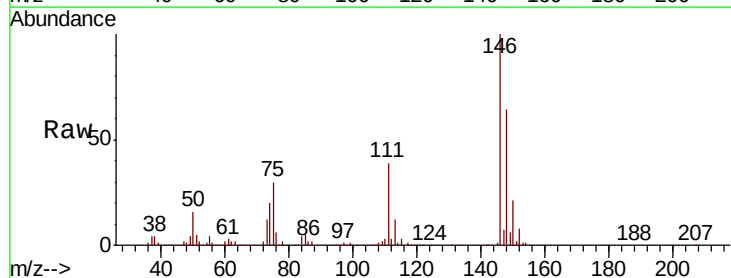
RT: 13.44 min Scan# 1920

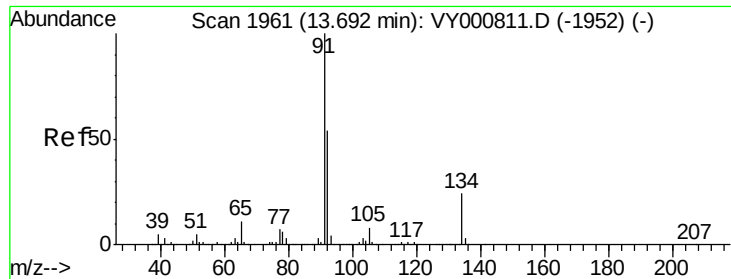
Delta R.T. -0.00 min

Lab File: VY000892.D

Acq: 05 Dec 2019 19:15

Tgt Ion:	146	Resp:	409088
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	59.9
148	64.5	31.7	95.1





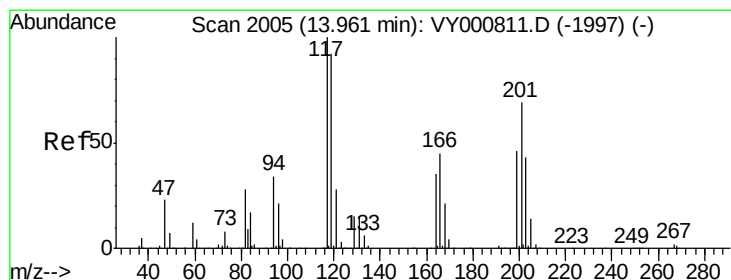
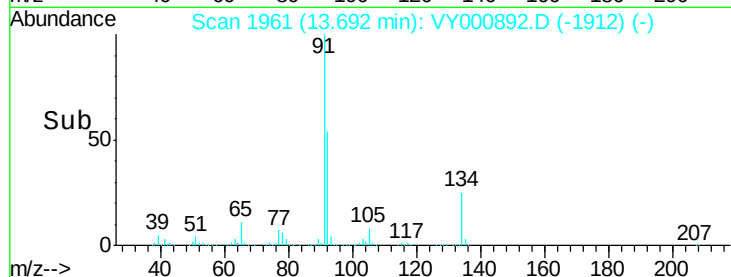
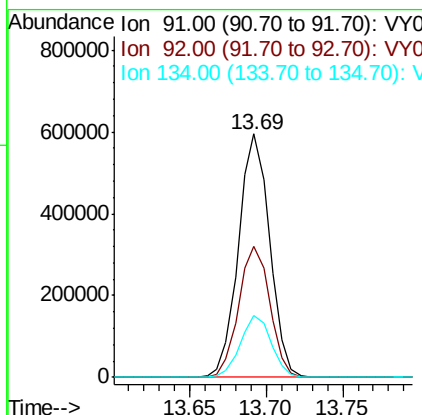
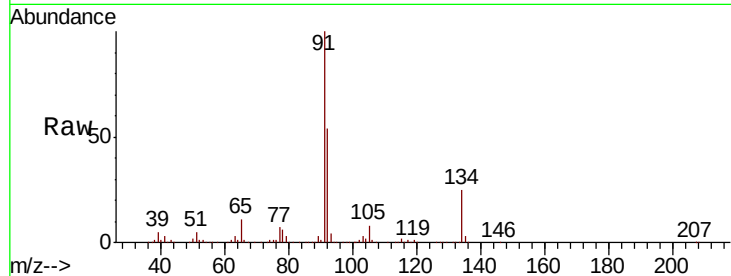
#89
n-Butylbenzene
Concen: 48.898 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.9	80.7
134	25.2	12.6	37.6

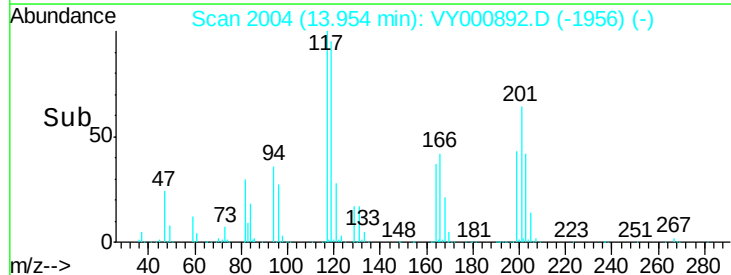
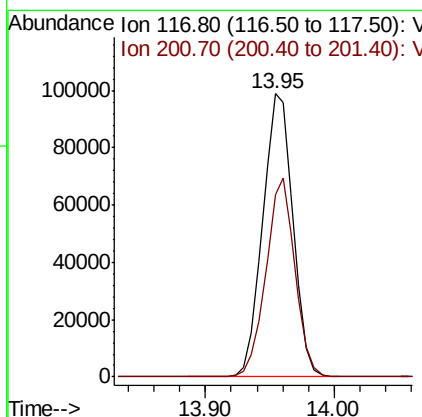
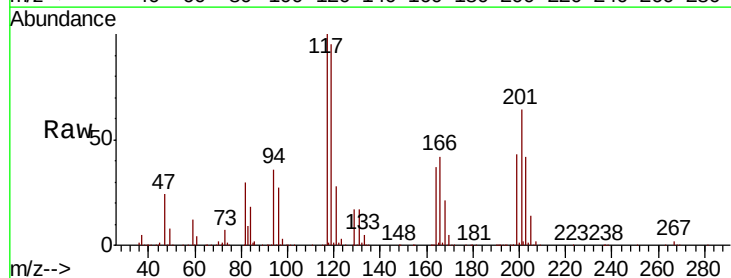
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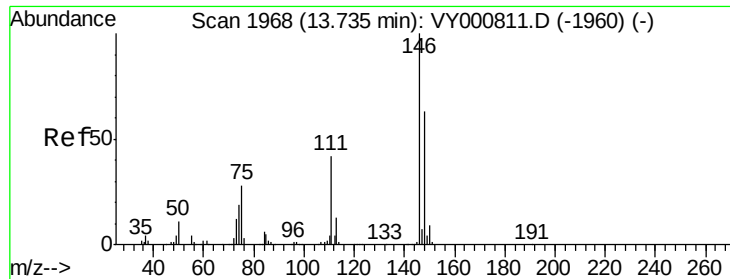
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#90
Hexachloroethane
Concen: 51.162 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.0	102.0





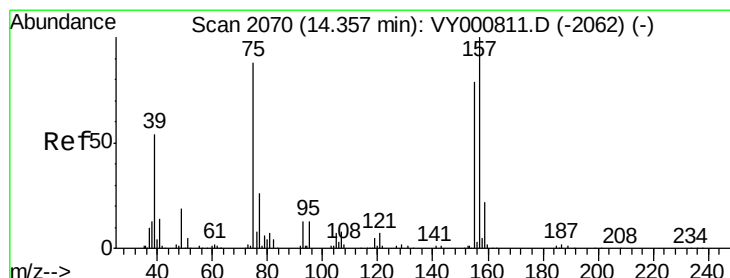
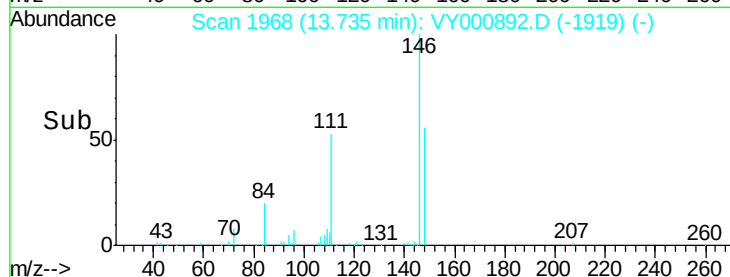
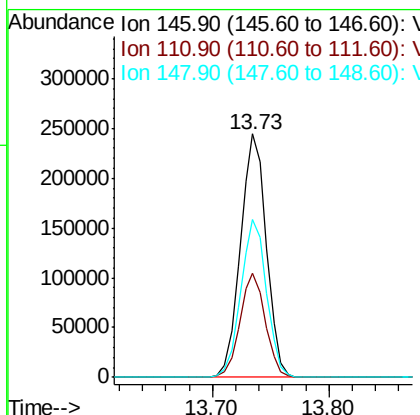
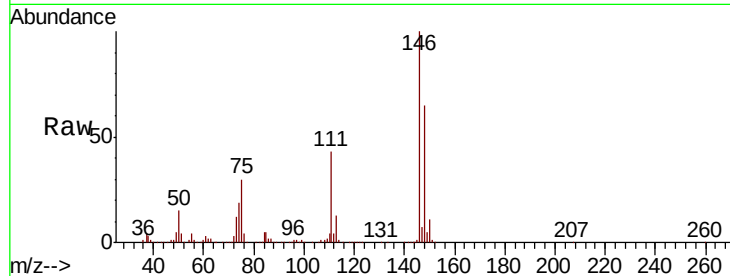
#91
 1,2-Dichlorobenzene
 Concen: 51.157 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	64.5	32.1	96.3

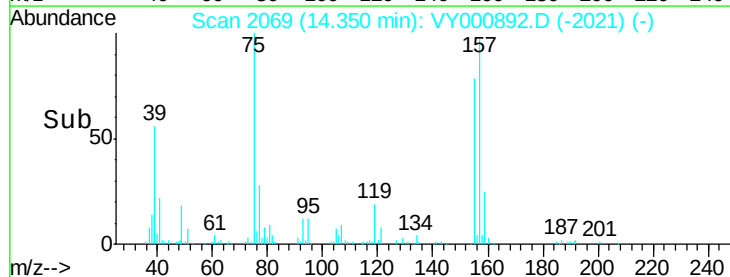
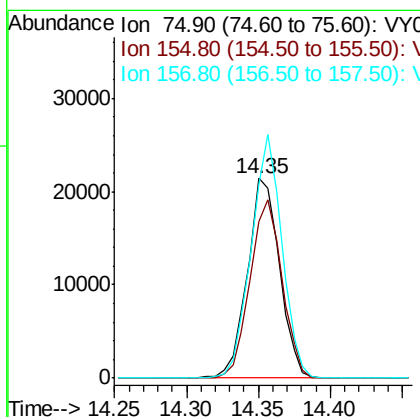
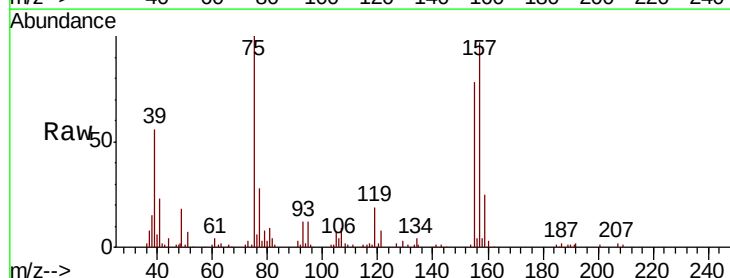
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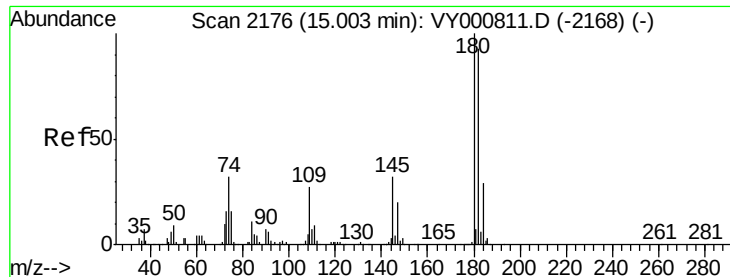
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.793 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	44.3	132.9
157	115.9	56.3	168.9





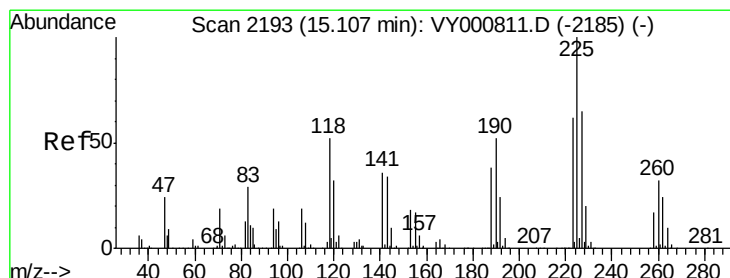
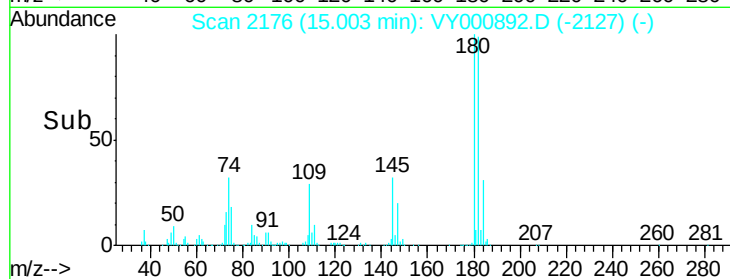
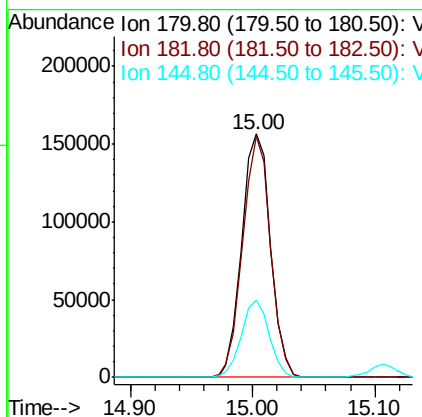
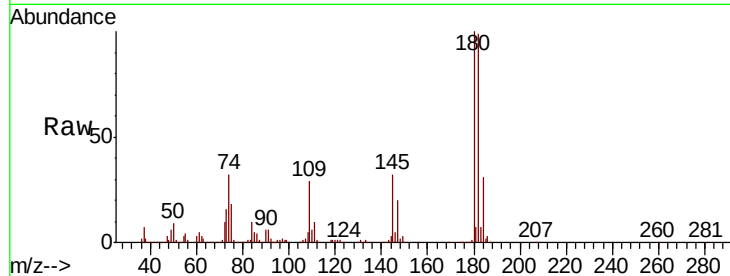
#93
 1,2,4-Trichlorobenzene
 Concen: 50.805 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	254090
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.9
145	30.9	16.0	47.9

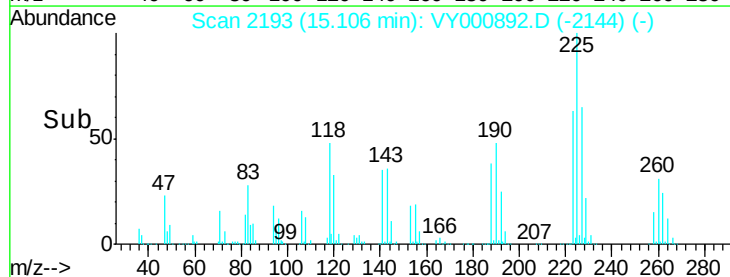
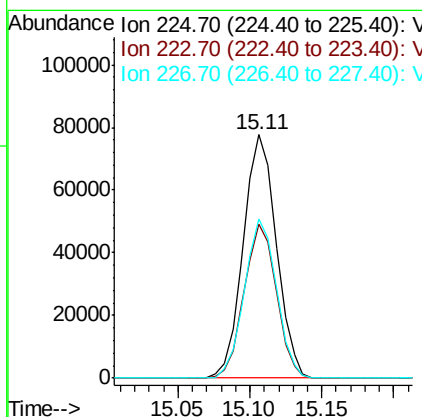
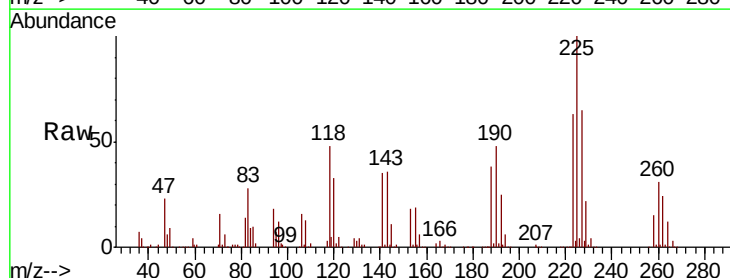
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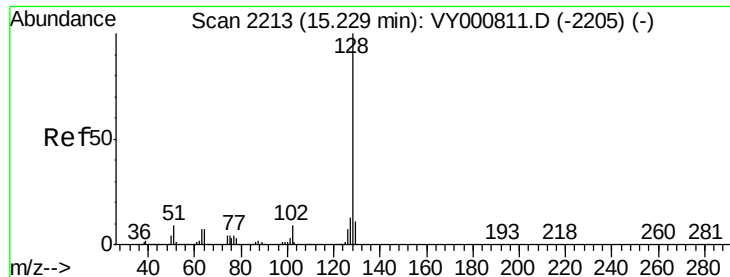
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 12/6/2019 10:01:40 AM



#94
 Hexachlorobutadiene
 Concen: 49.699 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000892.D
 Acq: 05 Dec 2019 19:15

Tgt Ion:	225	Resp:	123234
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.4	94.3
227	63.4	31.8	95.3





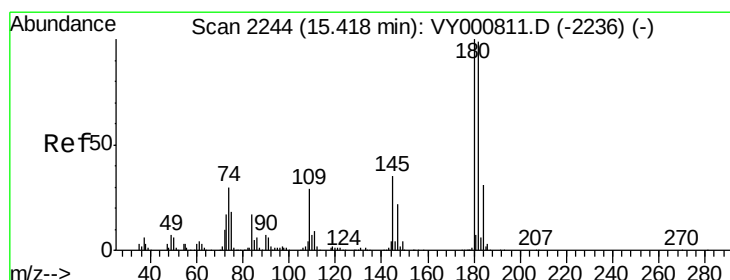
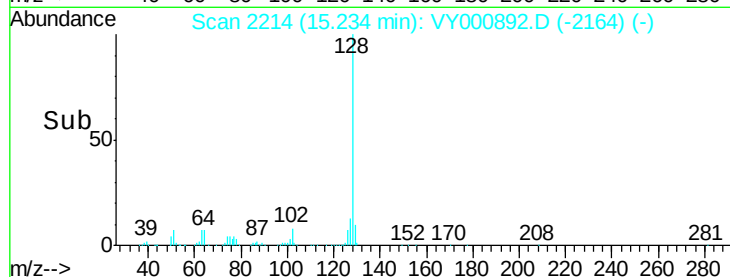
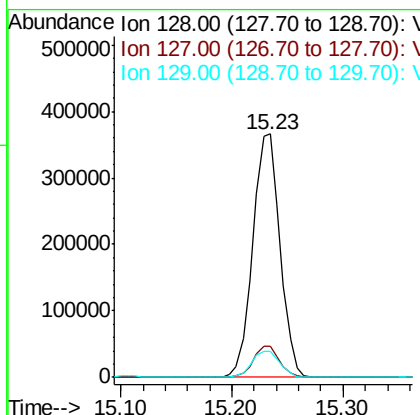
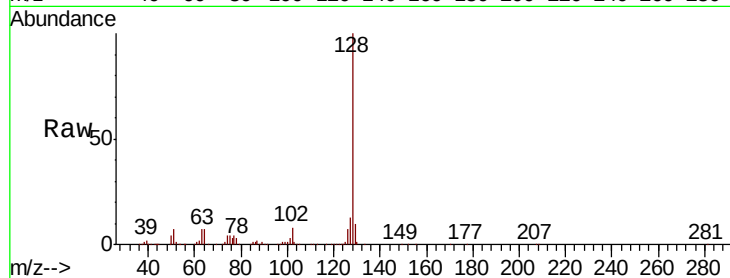
#95
Naphthalene
Concen: 53.678 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	623353		
127	12.6		10.1	15.1
129	11.0		8.8	13.2

Manual Integrations
APPROVED

apatel
12/6/2019 10:01:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.198 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000892.D
Acq: 05 Dec 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228714		
182	95.2		48.0	144.0
145	33.4		16.9	50.6

