

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000332.D
 Acq On : 16 Oct 2019 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:50:42 AM

Quant Time: Oct 17 01:56:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	519726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	178107	55.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.38%	
35) Dibromofluoromethane	7.73	113	161089	51.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.76%	
50) Toluene-d8	10.19	98	651122	53.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.48	95	239323	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	107848	44.119	ug/l	96
3) Chloromethane	2.12	50	153644	41.100	ug/l	98
4) Vinyl Chloride	2.25	62	170573	45.212	ug/l	100
5) Bromomethane	2.64	94	114966	41.117	ug/l	98
6) Chloroethane	2.79	64	115129	47.295	ug/l	99
7) Trichlorofluoromethane	3.13	101	240004	46.506	ug/l	98
8) Diethyl Ether	3.54	74	93208	51.125	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	149472	47.759	ug/l	98
10) Methyl Iodide	4.10	142	209508	47.068	ug/l	99
11) Tert butyl alcohol	4.97	59	86179	255.187	ug/l	100
12) 1,1-Dichloroethene	3.88	96	147050	47.593	ug/l	95
13) Acrolein	3.74	56	105994	267.710	ug/l	99
14) Allyl chloride	4.49	41	255834	49.965	ug/l	98
15) Acrylonitrile	5.18	53	254617	249.518	ug/l	97
16) Acetone	3.96	43	230548	220.611	ug/l	100
17) Carbon Disulfide	4.19	76	429391	44.139	ug/l	100
18) Methyl Acetate	4.49	43	123710	47.644	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	442172	51.408	ug/l	99
20) Methylene Chloride	4.72	84	173708	49.252	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	167475	47.244	ug/l	92
22) Diisopropyl ether	6.13	45	569898	52.625	ug/l	100
23) Vinyl Acetate	6.07	43	1849143	261.733	ug/l	98
24) 1,1-Dichloroethane	6.02	63	297076	50.257	ug/l	99
25) 2-Butanone	7.00	43	371001	252.016	ug/l	100
26) 2,2-Dichloropropane	6.99	77	269302	49.441	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	193551	50.459	ug/l	98
28) Bromochloromethane	7.35	49	130833	51.558	ug/l	100
29) Tetrahydrofuran	7.36	42	226507	253.883	ug/l	100
30) Chloroform	7.52	83	298419	50.130	ug/l	96
31) Cyclohexane	7.79	56	286348	46.381	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	267640	50.571	ug/l	99
36) 1,1-Dichloropropene	7.93	75	235574	46.296	ug/l	99
37) Ethyl Acetate	7.09	43	148809	49.390	ug/l	98
38) Carbon Tetrachloride	7.91	117	229644	46.611	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	307306	46.143	ug/l	97
40) Benzene	8.17	78	691956	47.056	ug/l	99
41) Methacrylonitrile	7.33	41	61656m	42.990	ug/l	
42) 1,2-Dichloroethane	8.25	62	203485	48.443	ug/l	100
43) Isopropyl Acetate	8.28	43	281106	49.068	ug/l	99
44) Trichloroethene	8.95	130	188285	45.634	ug/l	95
45) 1,2-Dichloropropane	9.22	63	178678	49.513	ug/l	98
46) Dibromomethane	9.31	93	97631	48.397	ug/l	96
47) Bromodichloromethane	9.50	83	237862	50.032	ug/l	96
48) Methyl methacrylate	9.30	41	126246	50.283	ug/l	98
49) 1,4-Dioxane	9.30	88	30995	1024.727	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	760424	257.350	ug/l	99
52) Toluene	10.25	92	445414	47.709	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258832	50.800	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	290712	50.242	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	143764	49.014	ug/l	97
56) Ethyl methacrylate	10.51	69	220781	52.809	ug/l	99
57) 1,3-Dichloropropane	10.79	76	255694	50.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	558783	335.090	ug/l	99
59) 2-Hexanone	10.83	43	566447	273.114	ug/l	100
60) Dibromochloromethane	10.99	129	165002	50.754	ug/l	97
61) 1,2-Dibromoethane	11.09	107	138734	49.262	ug/l	99
64) Tetrachloroethene	10.72	164	199334	43.757	ug/l	96
65) Chlorobenzene	11.52	112	474073	46.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	167670	47.265	ug/l	99
67) Ethyl Benzene	11.60	91	874327	46.704	ug/l	99
68) m/p-Xylenes	11.70	106	671261	93.797	ug/l	97
69) o-Xylene	12.03	106	315410	46.199	ug/l	96
70) Styrene	12.05	104	552925	48.022	ug/l	99
71) Bromoform	12.21	173	100545	49.304	ug/l #	98
73) Isopropylbenzene	12.33	105	869558	47.326	ug/l	99
74) N-amyl acetate	12.14	43	268699	59.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	173704	50.352	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	137415m	47.424	ug/l	
77) Bromobenzene	12.61	156	191792	46.909	ug/l	98
78) n-propylbenzene	12.67	91	1059095	48.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	590797	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	730796	47.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	64982	49.067	ug/l	97
82) 4-Chlorotoluene	12.85	91	616283	47.854	ug/l	100
83) tert-Butylbenzene	13.08	119	625400	47.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	741709	48.777	ug/l	100
85) sec-Butylbenzene	13.25	105	909108	48.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	806071	48.986	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	381096	47.308	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	382776	47.539	ug/l	98
89) n-Butylbenzene	13.70	91	792773	48.753	ug/l	99
90) Hexachloroethane	13.96	117	147822	48.514	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	354489	48.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31873	48.714	ug/l	93

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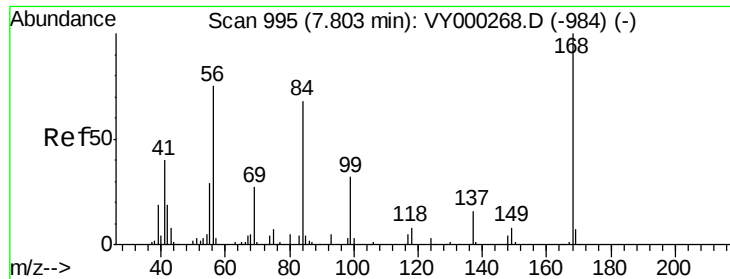
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	240924	47.466	ug/l	99
94) Hexachlorobutadiene	15.11	225	124638	45.375	ug/l	98
95) Naphthalene	15.23	128	555527	49.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	221321	48.381	ug/l	98

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



#1

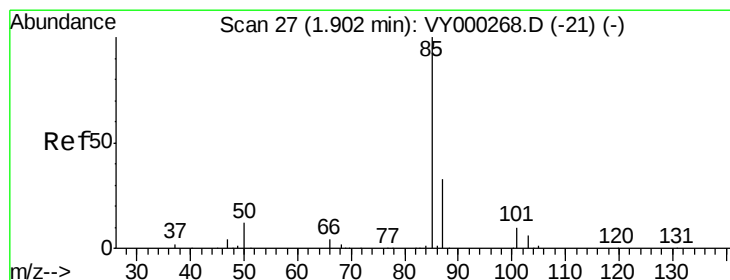
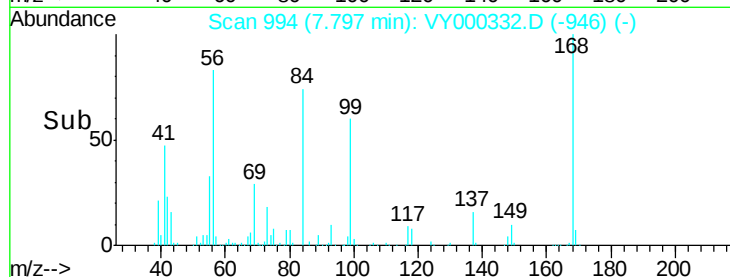
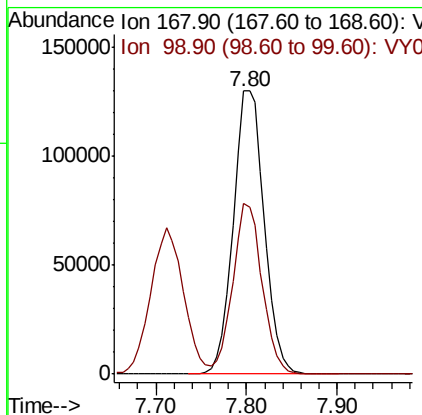
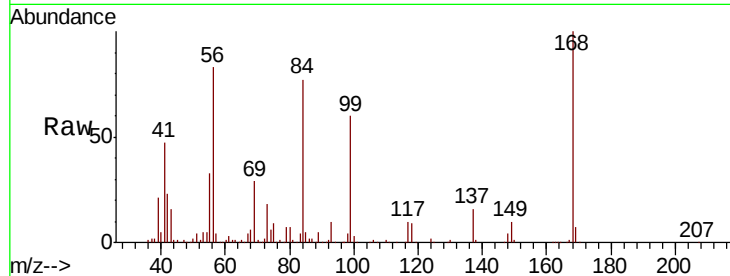
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.2	46.6	69.8

Manual Integrations
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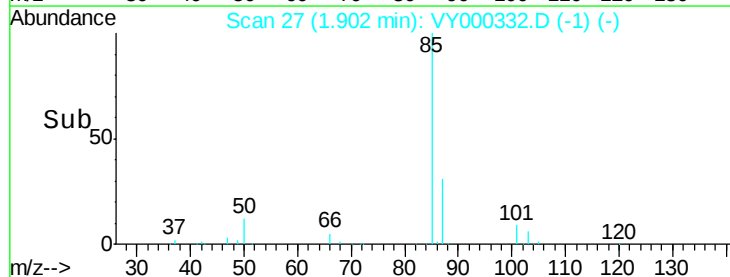
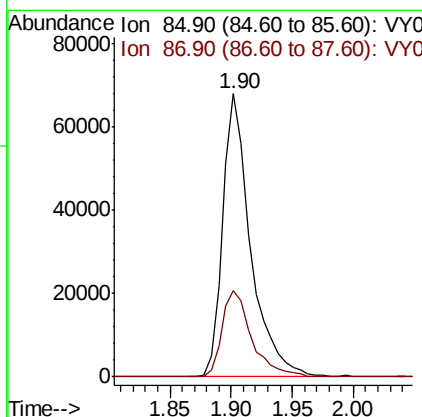
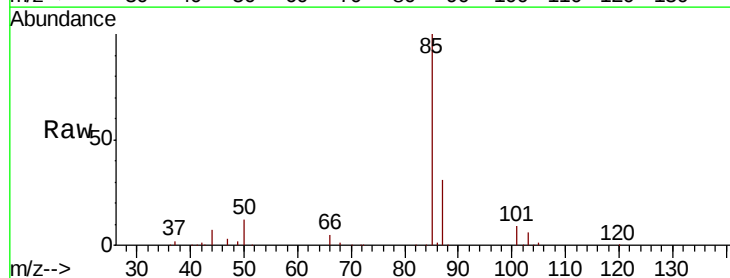
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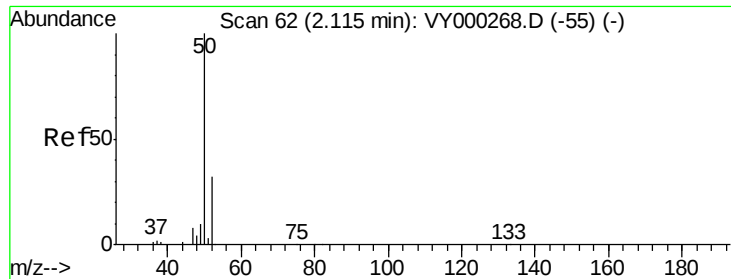


#2

Dichlorodifluoromethane
 Concen: 44.119 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.7	16.6	49.8





#3

Chloromethane

Concen: 41.100 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 153644

Ion Ratio Lower Upper

50 100

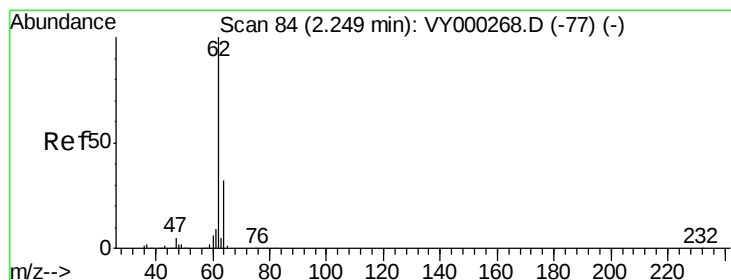
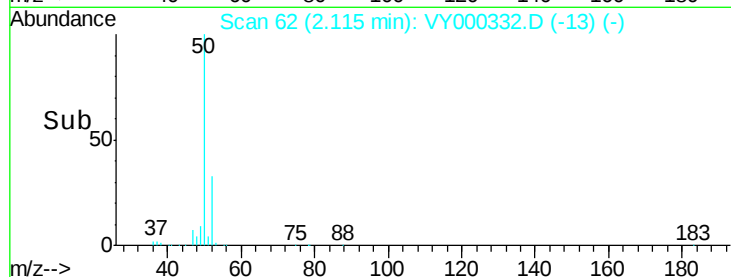
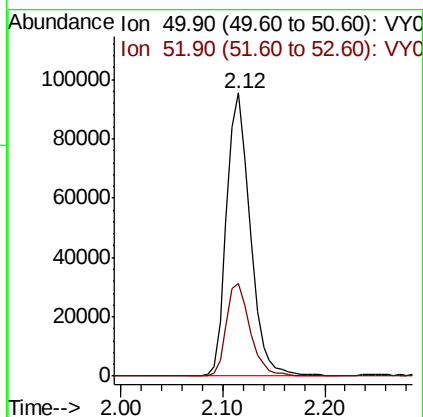
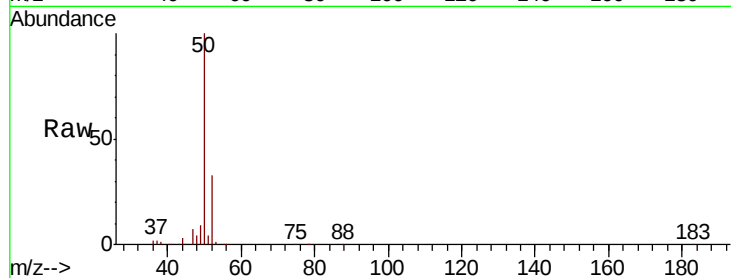
52 32.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.212 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000332.D

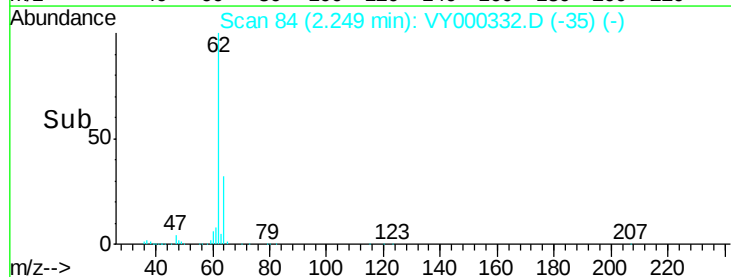
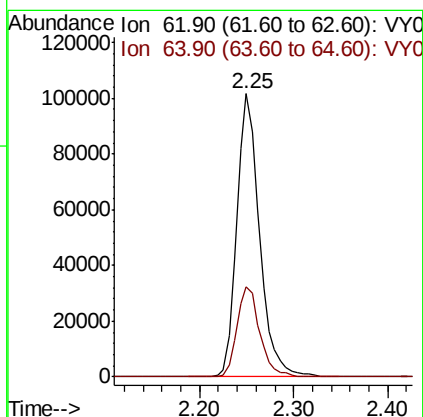
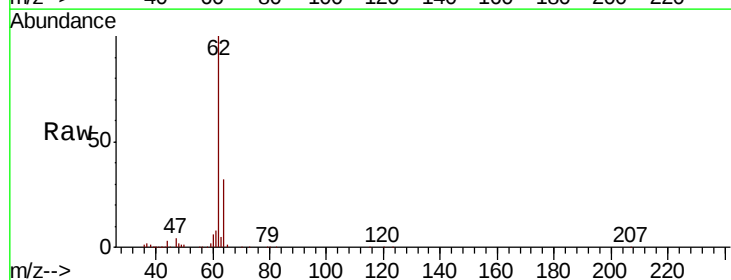
Acq: 16 Oct 2019 17:17

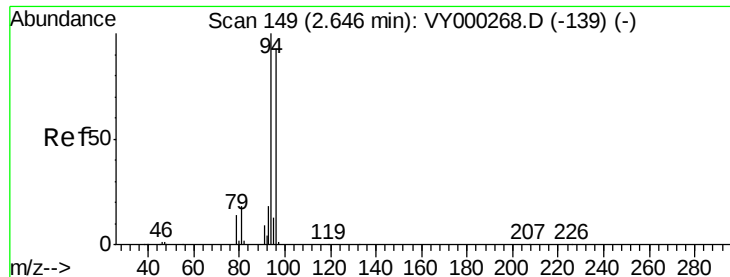
Tgt Ion: 62 Resp: 170573

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 41.117 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 114966

Ion Ratio Lower Upper

94 100

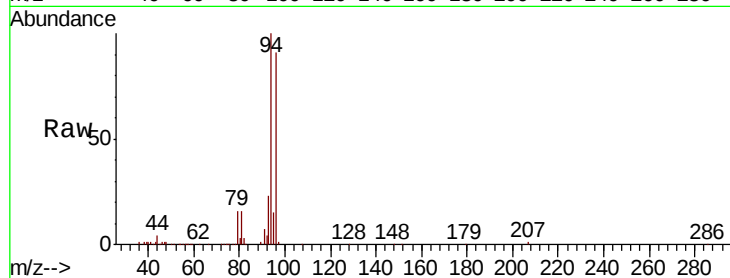
96 91.0 74.2 111.2

Manual Integrations

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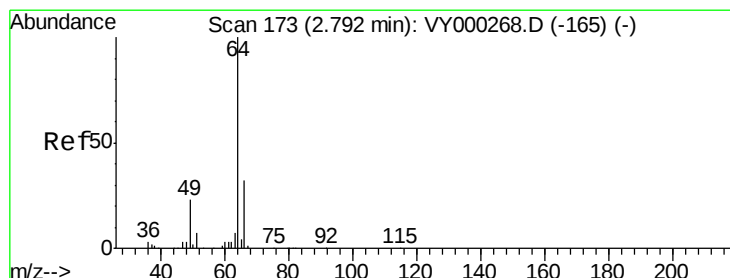
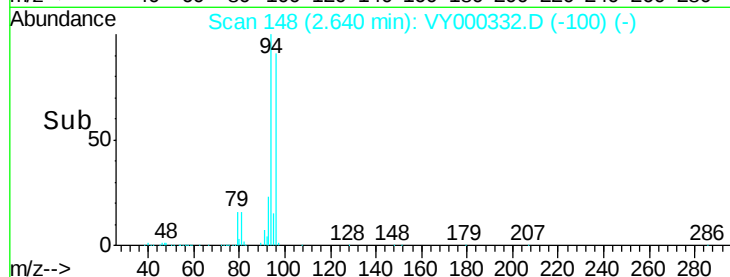
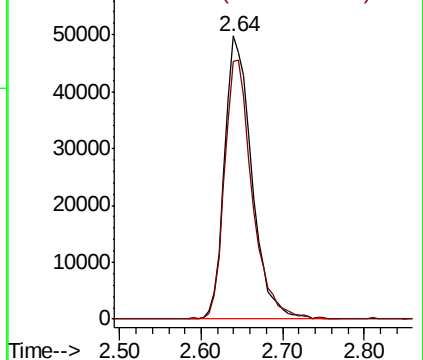
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.295 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000332.D

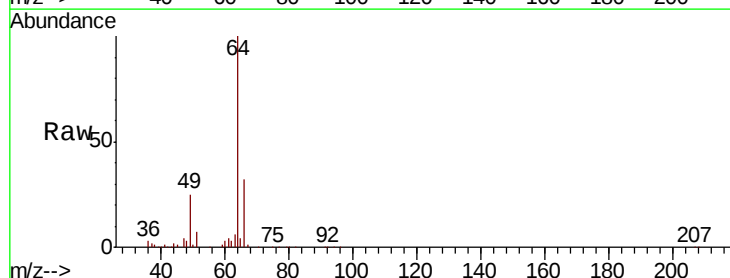
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Tgt Ion: 64 Resp: 115129

Ion Ratio Lower Upper

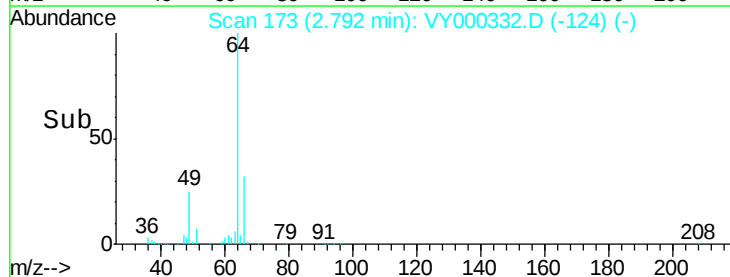
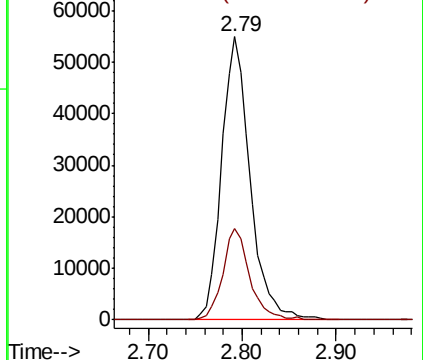
64 100

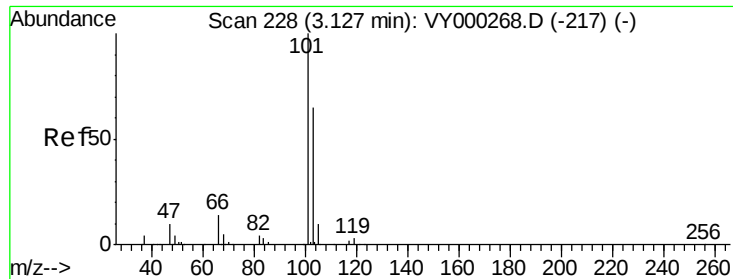
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

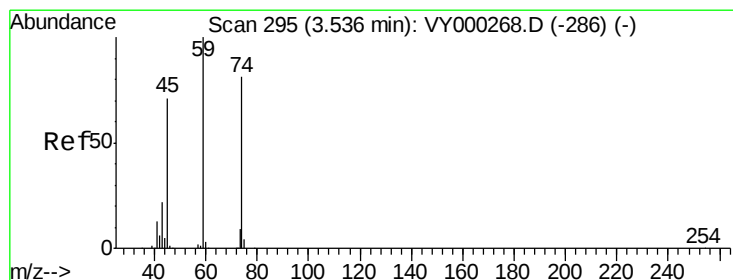
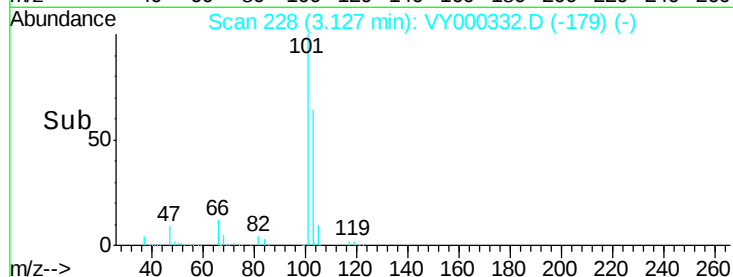
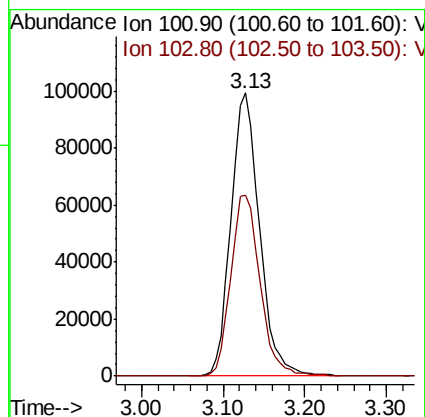
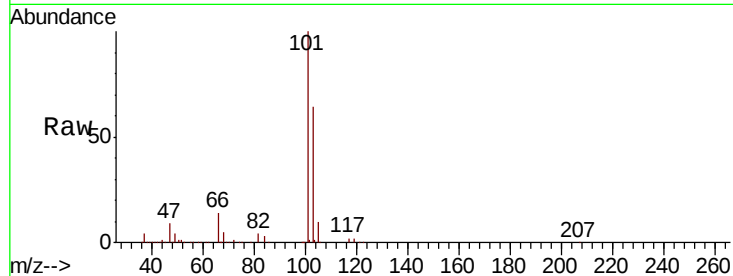
Trichlorofluoromethane
 Concen: 46.506 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.2	78.4

Manual Integrations
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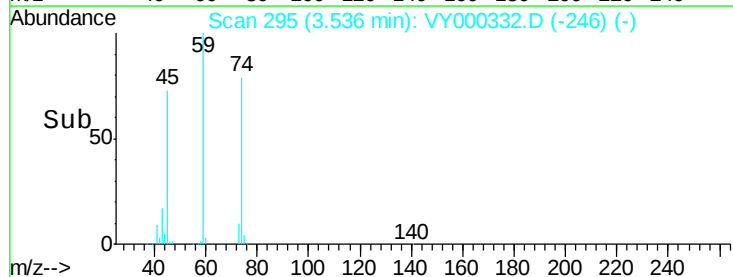
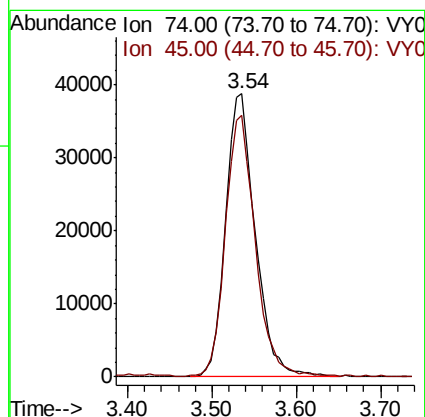
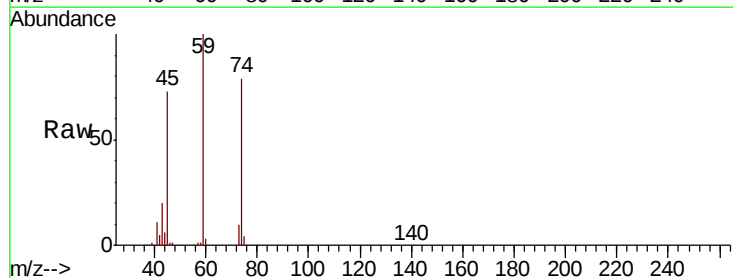
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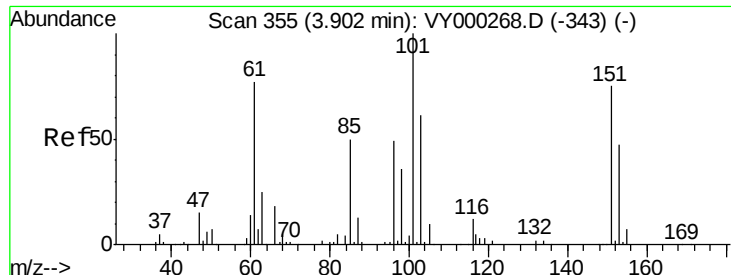


#8

Diethyl Ether
 Concen: 51.125 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	47.1	141.4





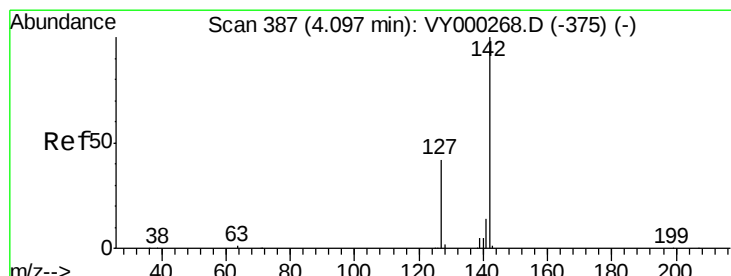
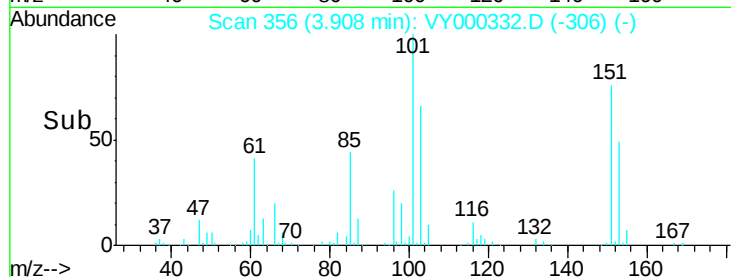
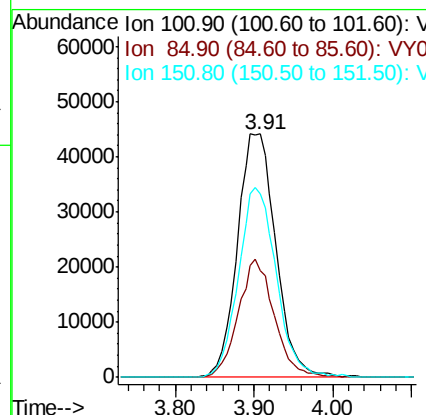
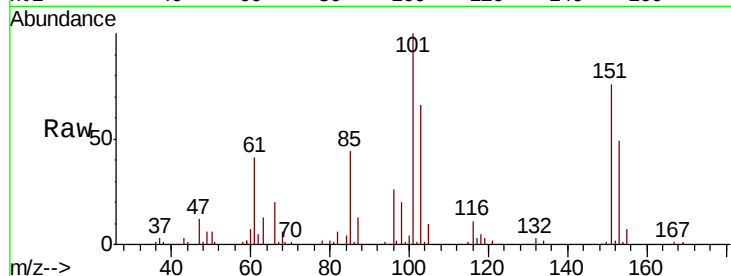
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.759 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.6	55.0
151	77.1	63.1	94.7

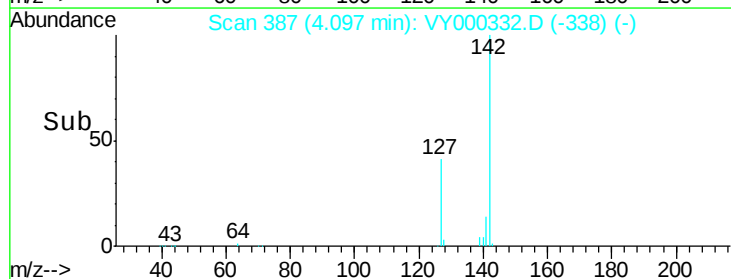
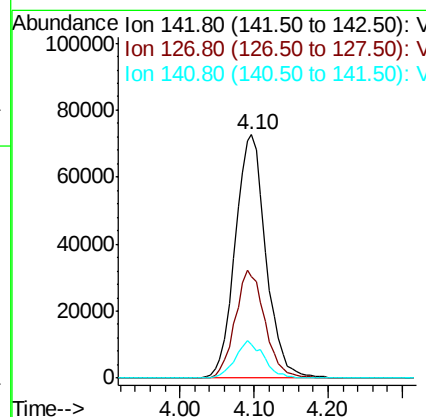
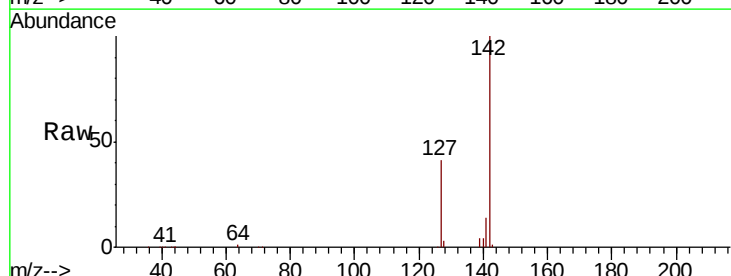
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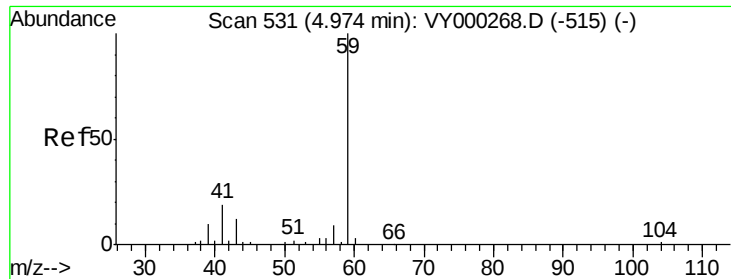
MMDadoda
10/18/2019 12:50:42 AM



#10
Methyl Iodide
Concen: 47.068 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.0	33.9	50.9
141	14.3	11.2	16.8





#11

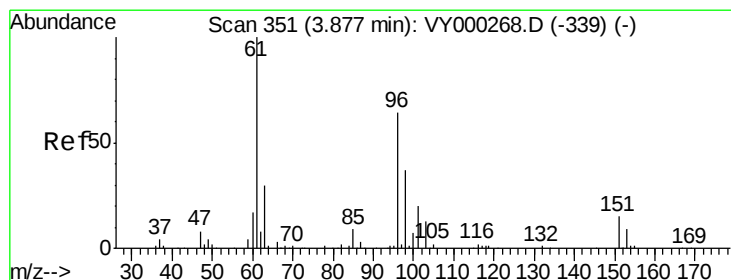
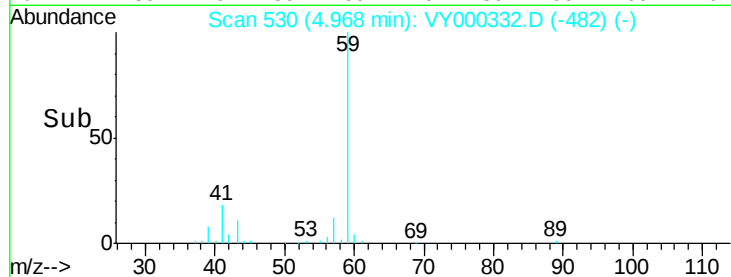
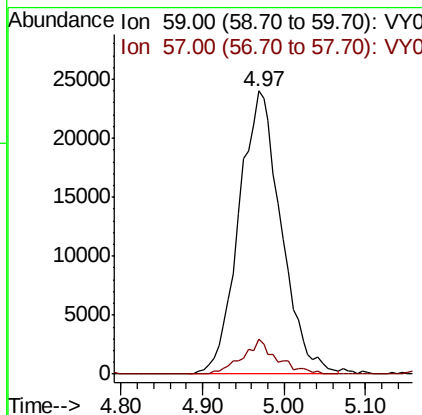
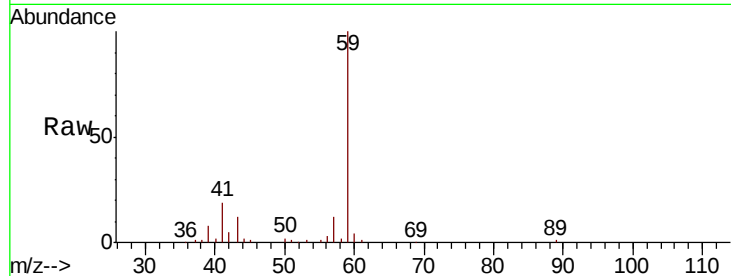
Tert butyl alcohol
 Concen: 255.187 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	86179
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

Manual Integrations
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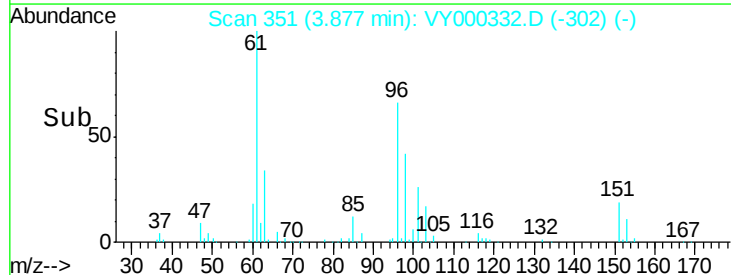
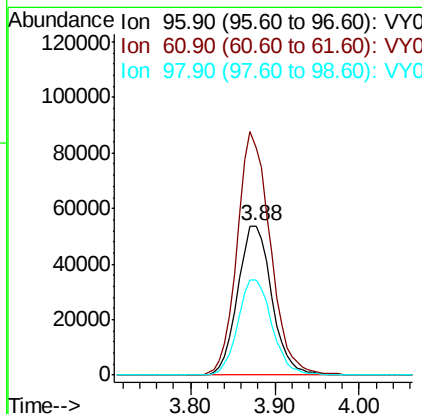
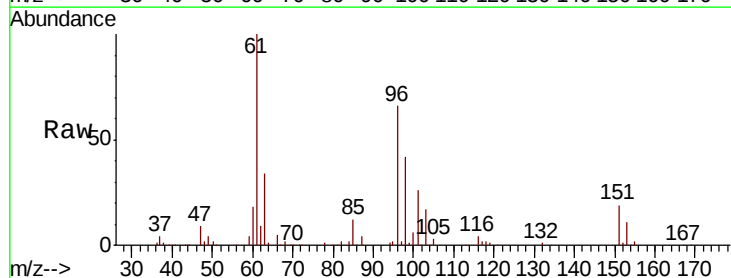
MMDadoda
 10/18/2019 12:50:42 AM

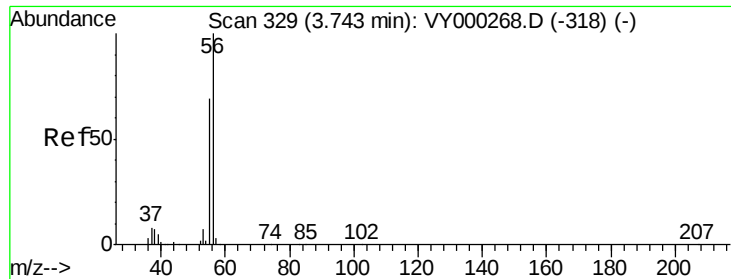


#12

1,1-Dichloroethene
 Concen: 47.593 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	96	Resp	147050
Ion Ratio	100	Lower	Upper
61	151.9	125.8	188.6
98	63.7	46.2	69.2





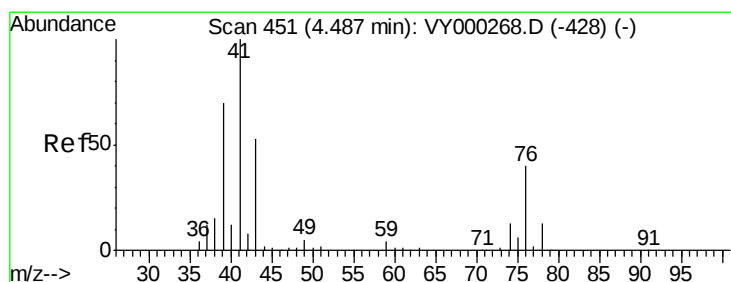
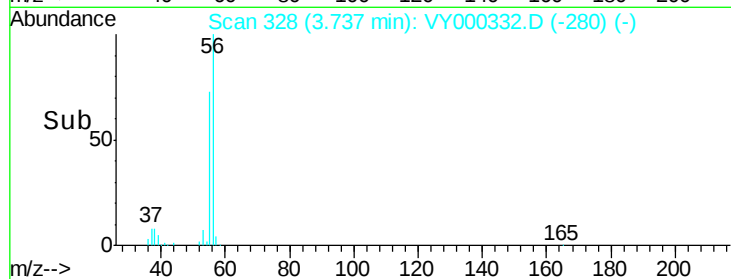
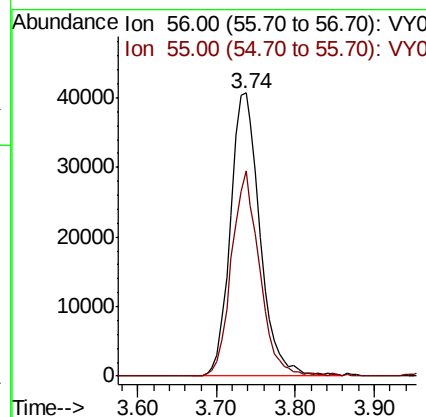
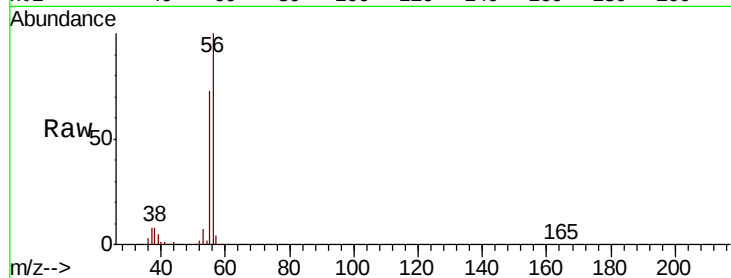
#13
Acrolein
Concen: 267.710 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	55.7	83.5

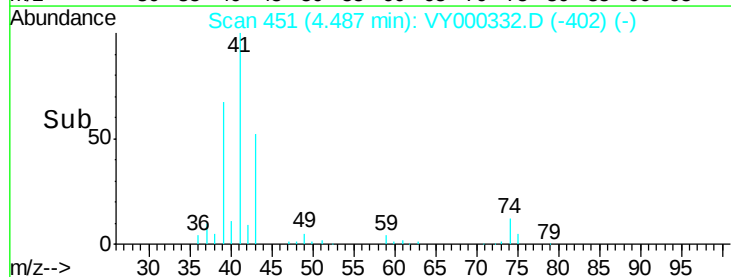
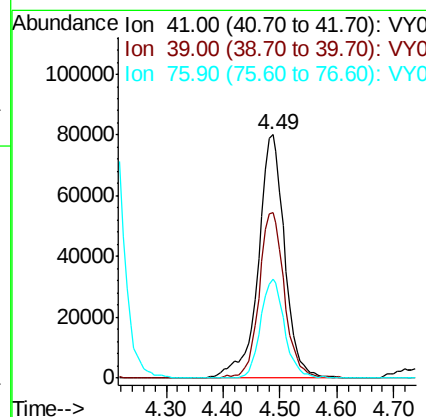
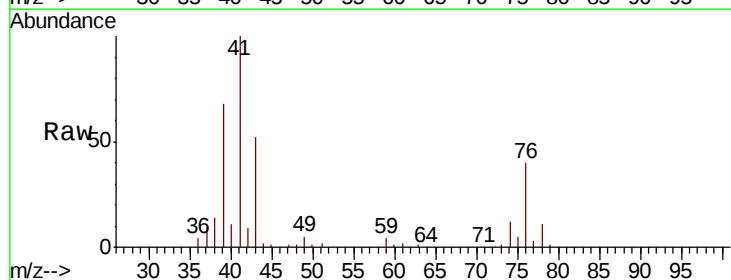
Manual Integrations
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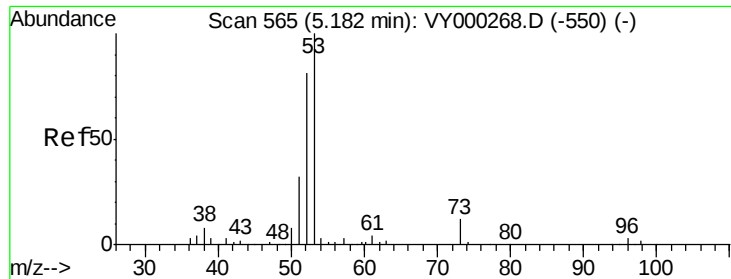
MMDadoda
10/18/2019 12:50:42 AM



#14
Allyl chloride
Concen: 49.965 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	54.0	81.0
76	37.3	30.7	46.1





#15

Acrylonitrile

Concen: 249.518 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

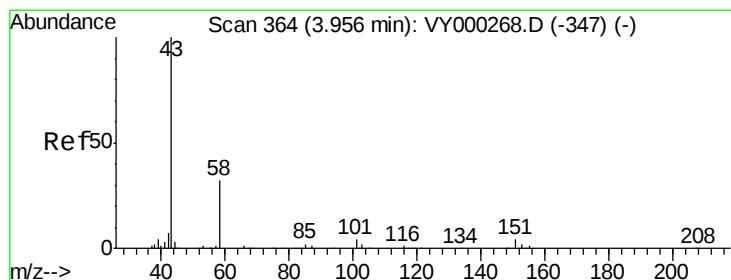
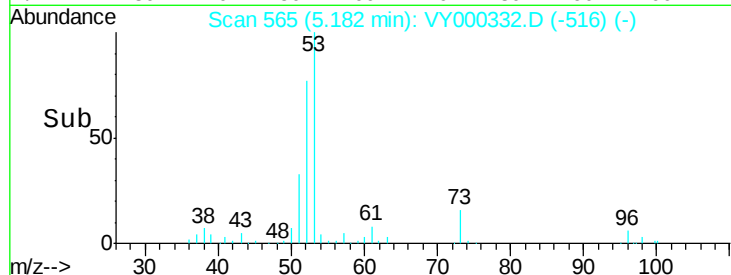
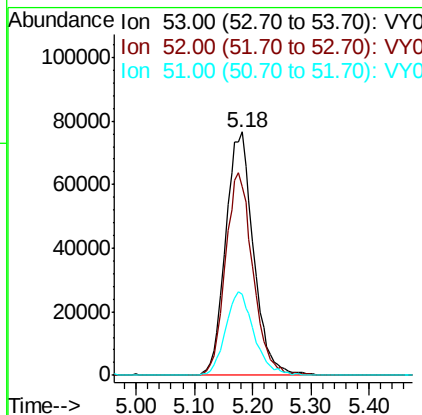
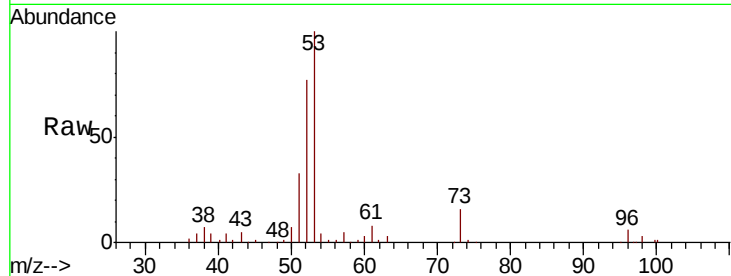
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	254617
Ion Ratio	Lower	Upper	
53	100		
52	81.7	62.9	94.3
51	35.1	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 220.611 ug/l

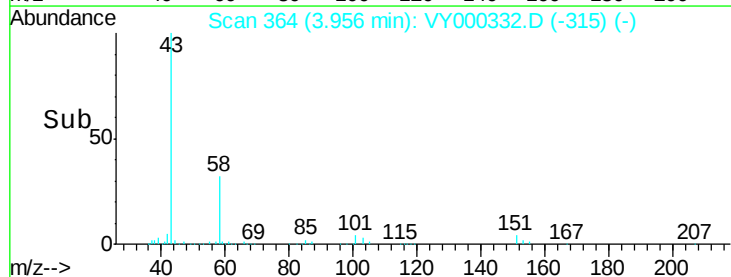
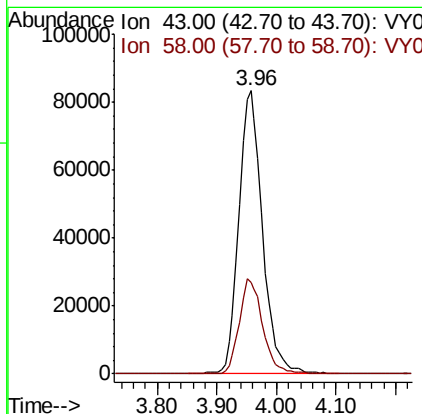
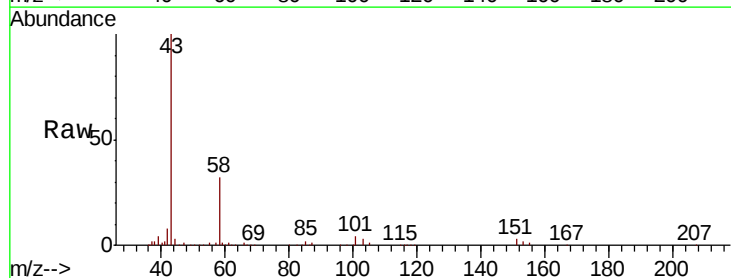
RT: 3.96 min Scan# 364

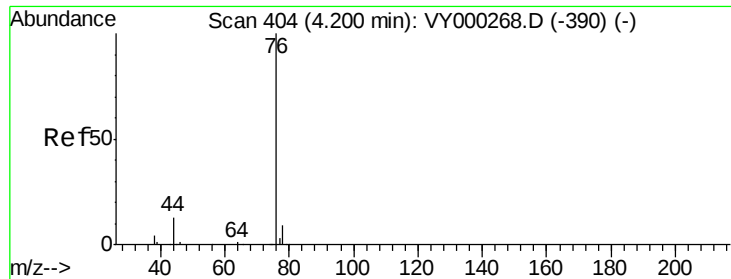
Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion:	43	Resp:	230548
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.8	38.6





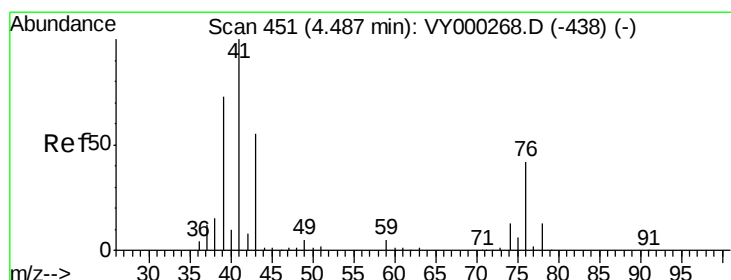
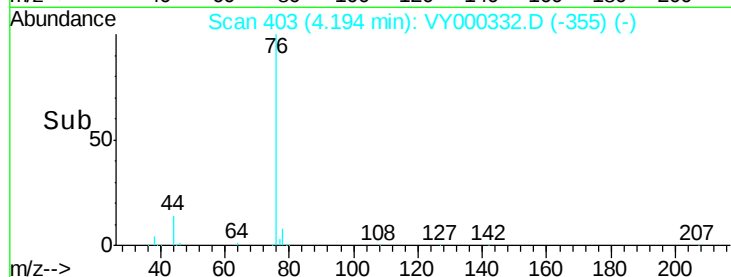
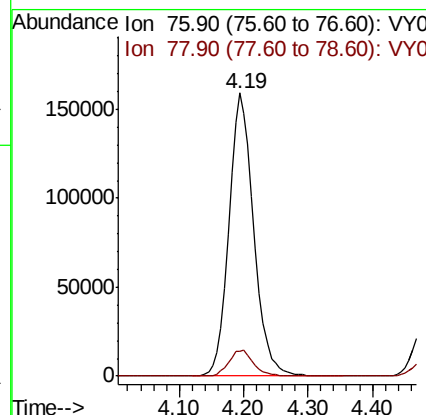
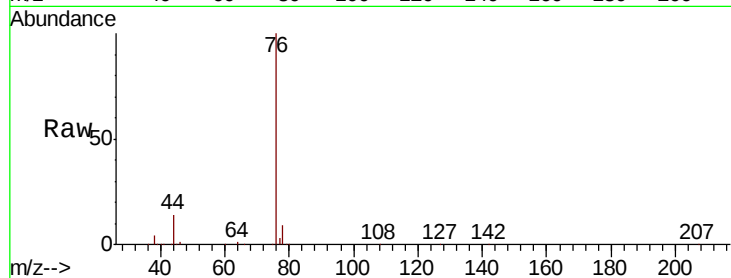
#17
Carbon Disulfide
Concen: 44.139 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.4

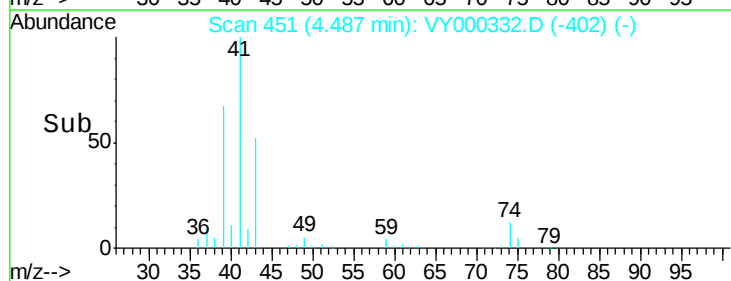
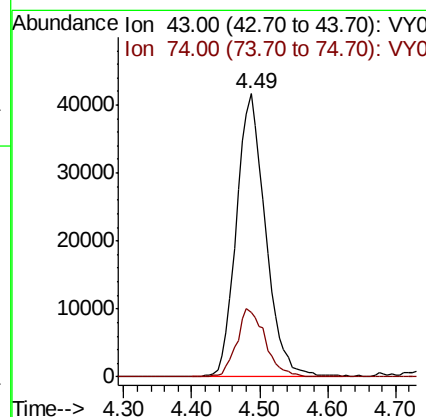
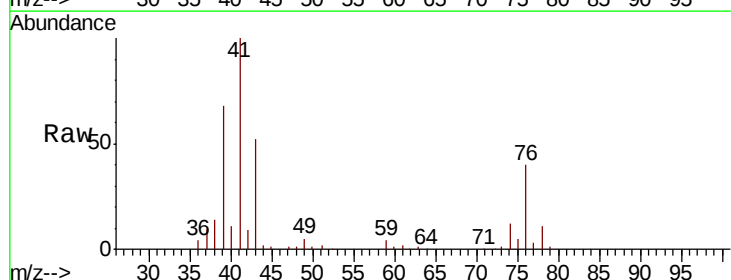
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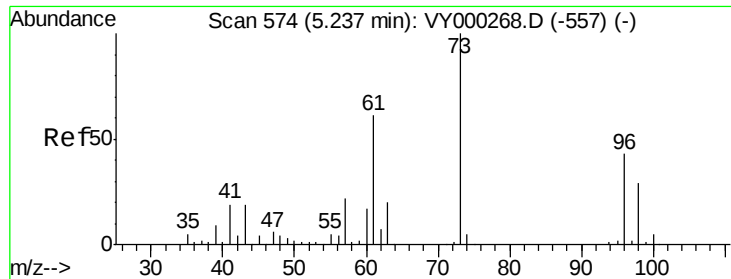
MMDadoda
10/18/2019 12:50:42 AM



#18
Methyl Acetate
Concen: 47.644 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	20.4	30.6





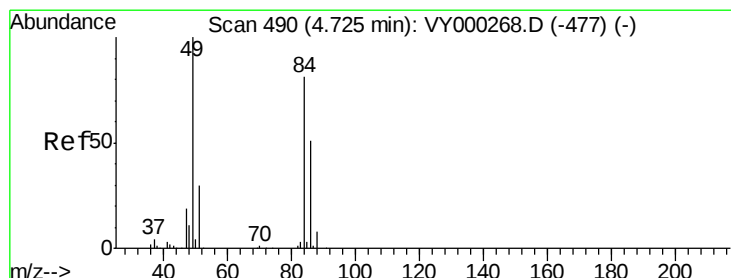
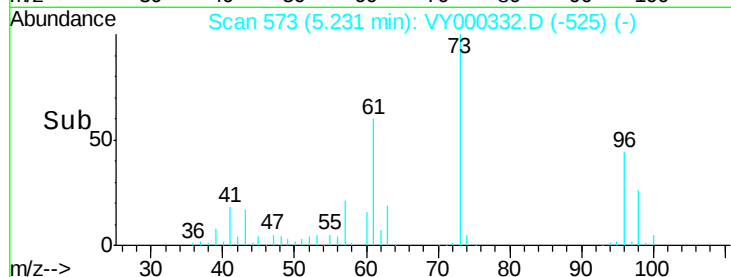
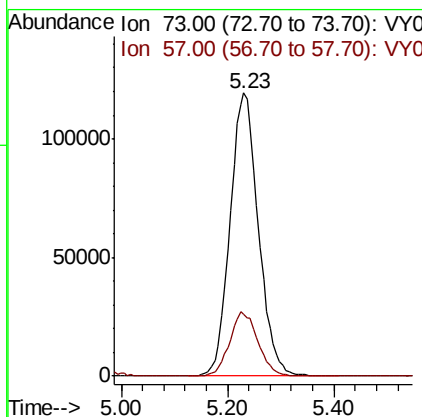
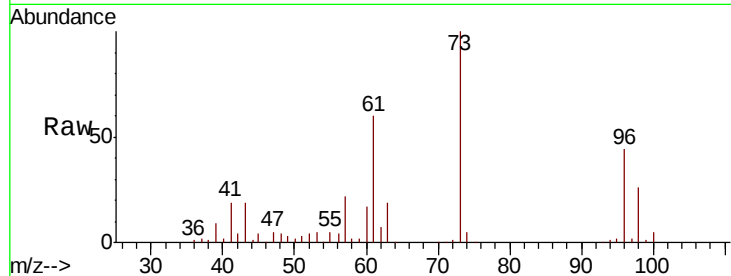
#19
Methvl tert-butvl Ether
Concen: 51.408 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 442172
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0

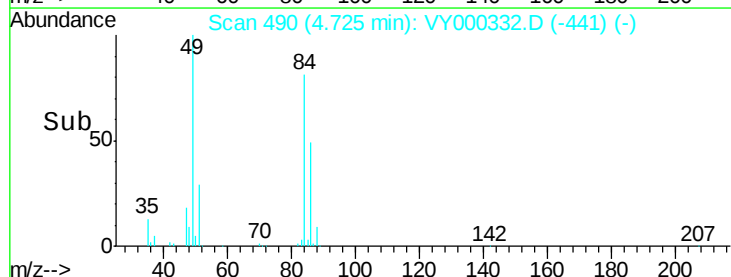
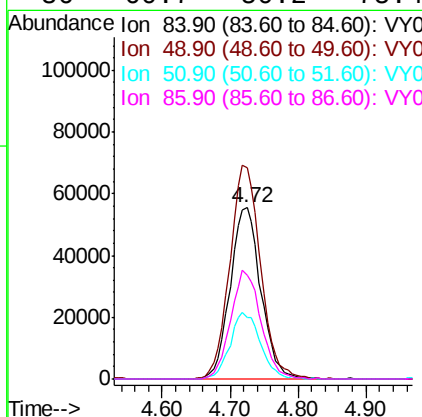
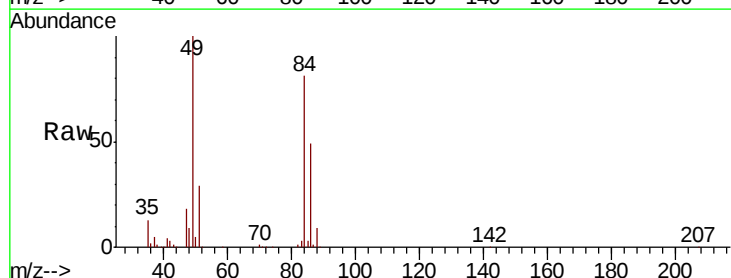
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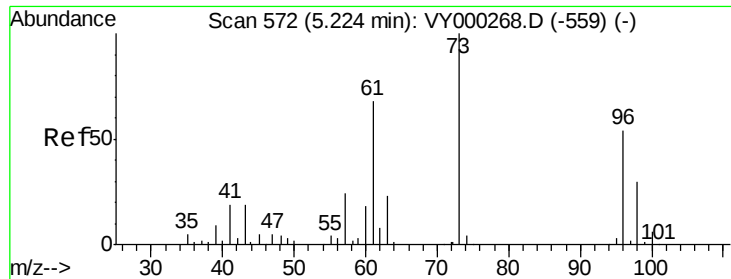
MMDadoda
10/18/2019 12:50:42 AM



#20
Methylene Chloride
Concen: 49.252 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 84 Resp: 173708
Ion Ratio Lower Upper
84 100
49 122.9 99.0 148.4
51 36.1 29.3 43.9
86 60.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 47.244 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 167475

Ion Ratio Lower Upper

96 100

61 133.5 100.4 150.6

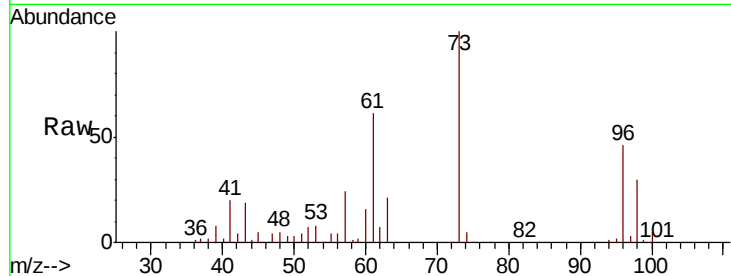
98 64.2 44.6 66.8

Manual Integrations

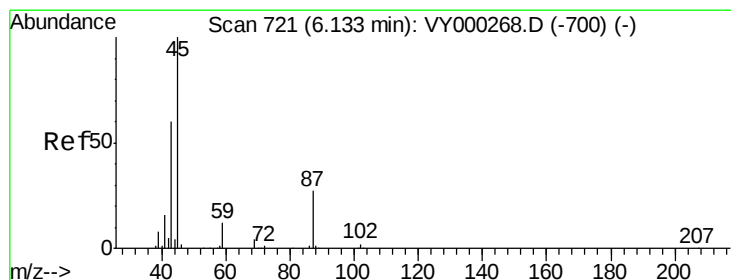
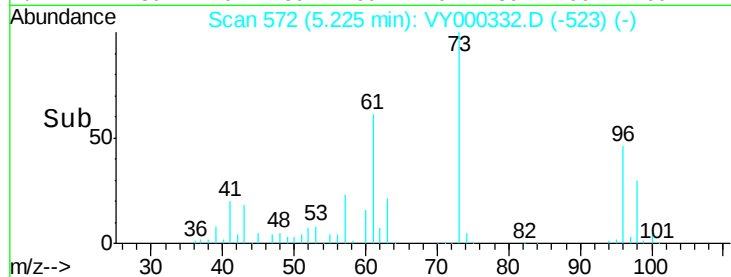
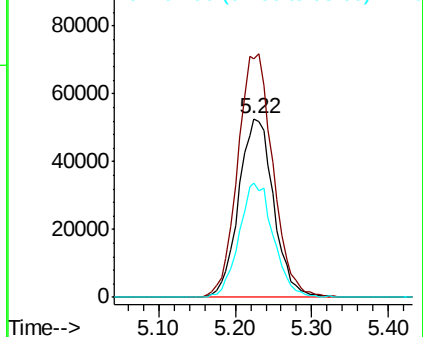
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.625 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion: 45 Resp: 569898

Ion Ratio Lower Upper

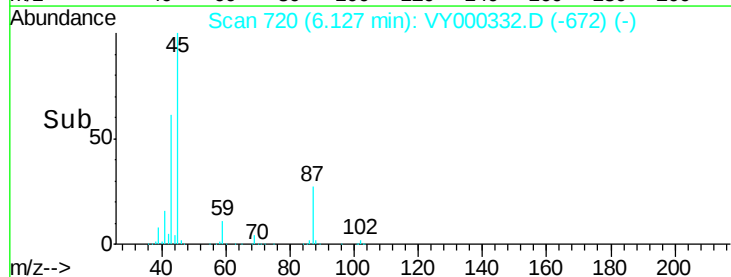
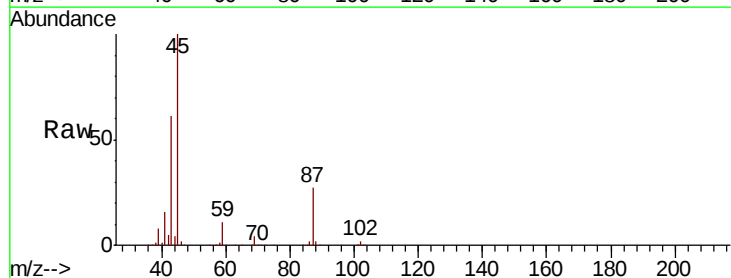
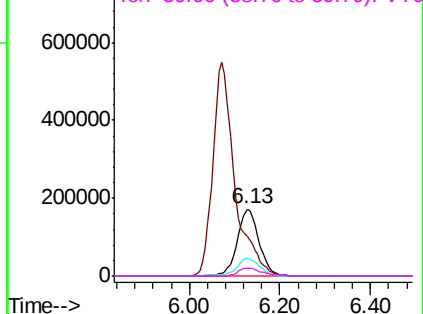
45 100

43 60.5 48.5 72.7

87 26.7 21.5 32.3

59 11.2 9.4 14.0

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





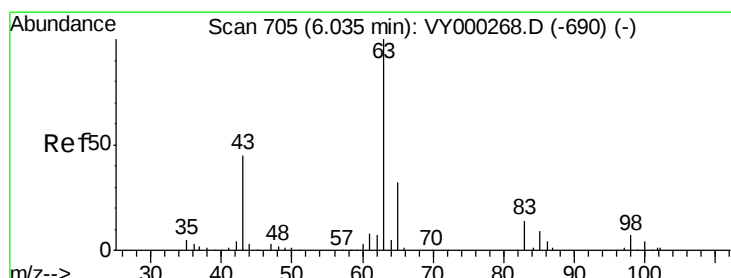
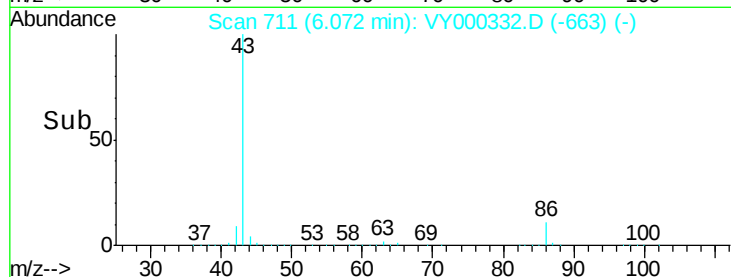
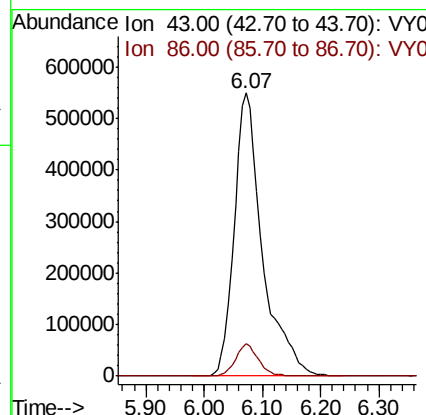
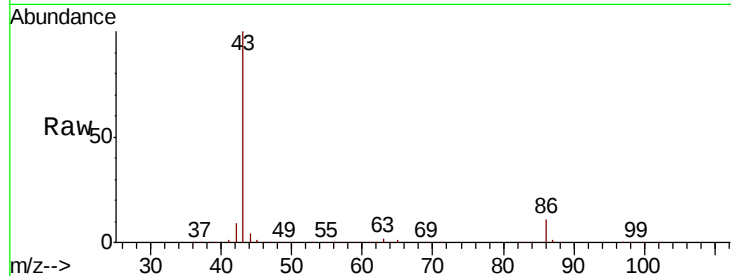
#23
 Vinyl Acetate
 Concen: 261.733 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1849143
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

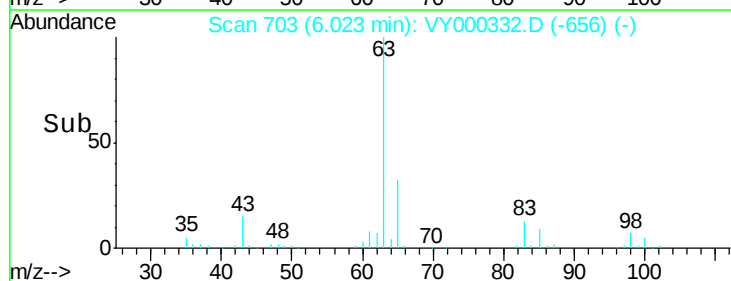
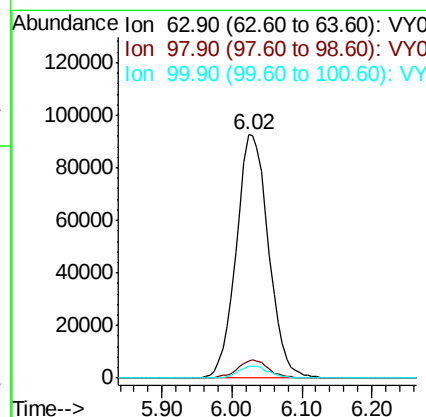
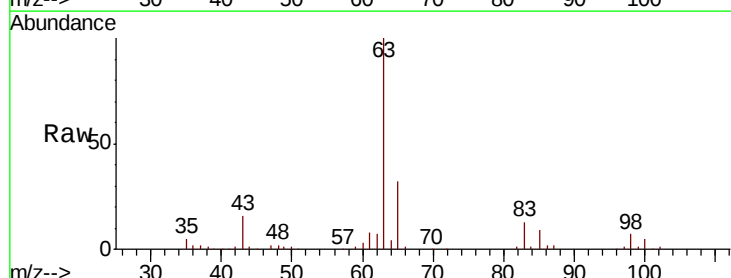
Manual Integrations
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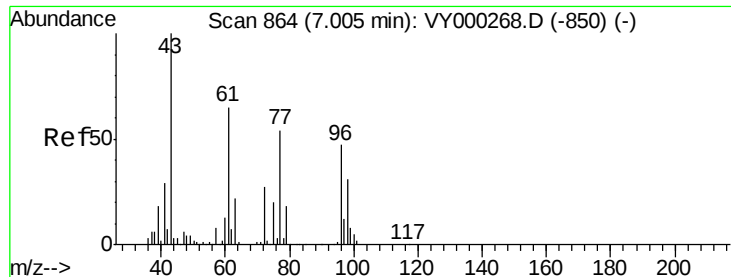
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 50.257 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 63 Resp: 297076
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 252.016 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 371001

Ion Ratio Lower Upper

43 100

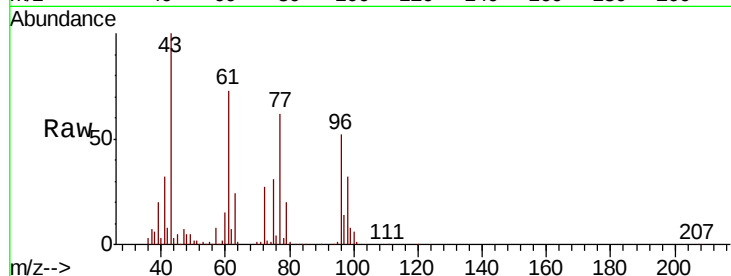
72 26.7 21.4 32.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

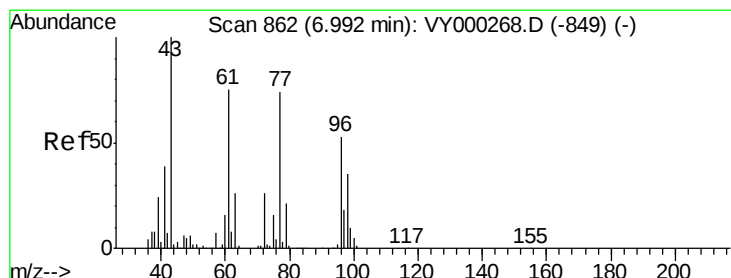
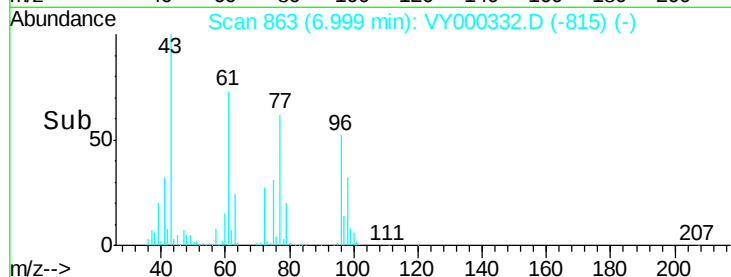
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 49.441 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000332.D

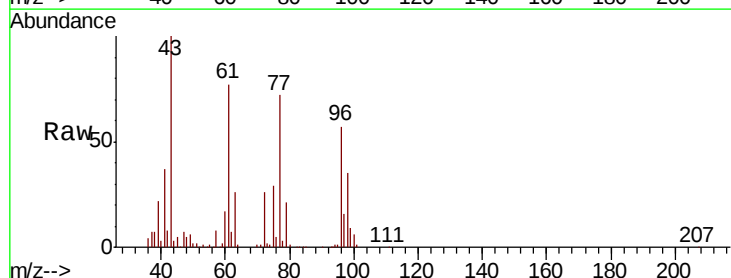
Acq: 16 Oct 2019 17:17

Tgt Ion: 77 Resp: 269302

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

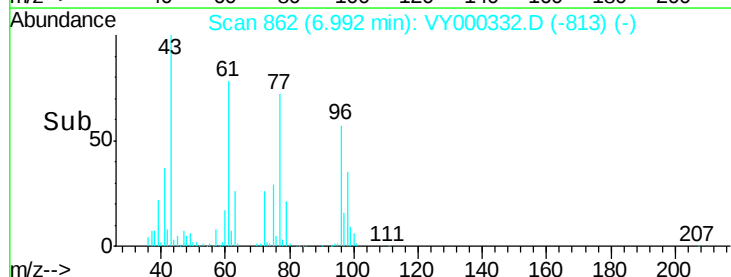
40000

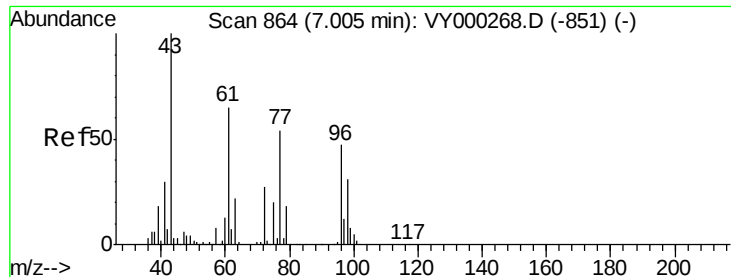
20000

0

6.90 7.00 7.10

Time-->





#27

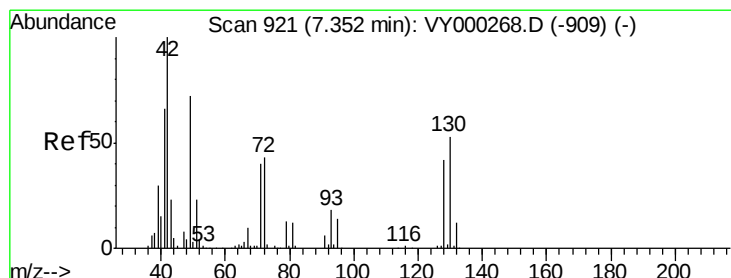
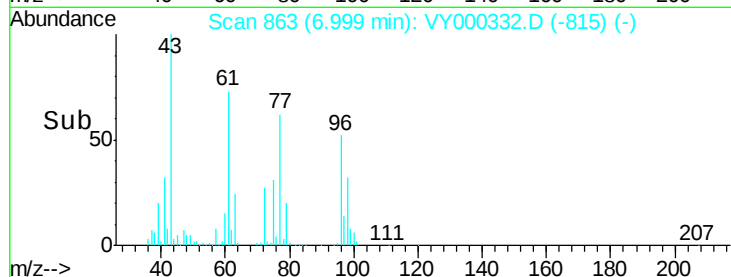
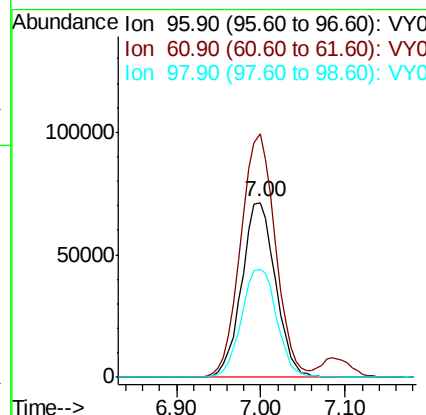
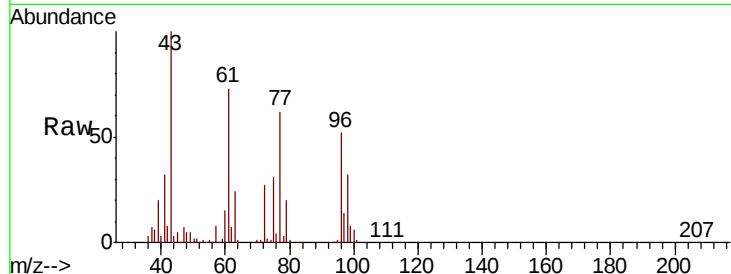
cis-1,2-Dichloroethene
Concen: 50.459 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	193551		
61	143.3	0.0	289.8	
98	64.1	0.0	131.8	

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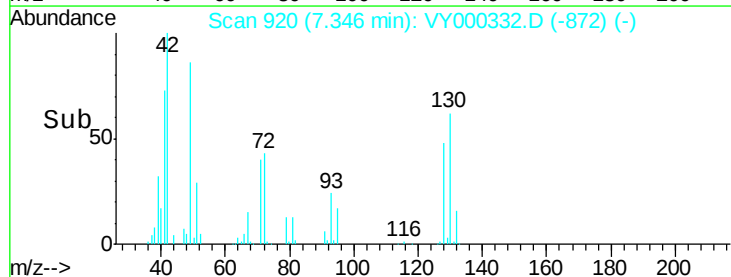
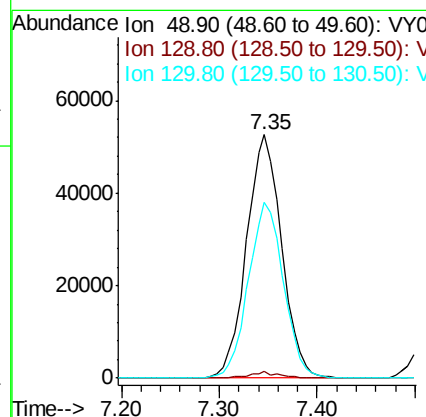
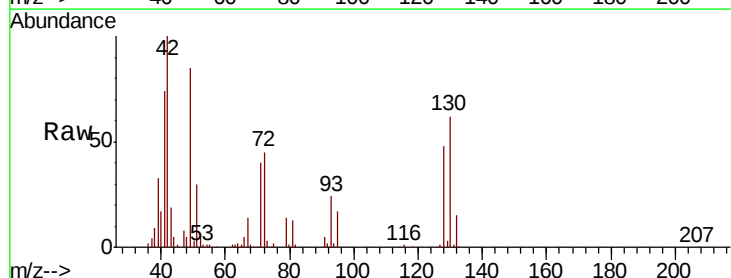
MMDadoda
10/18/2019 12:50:42 AM

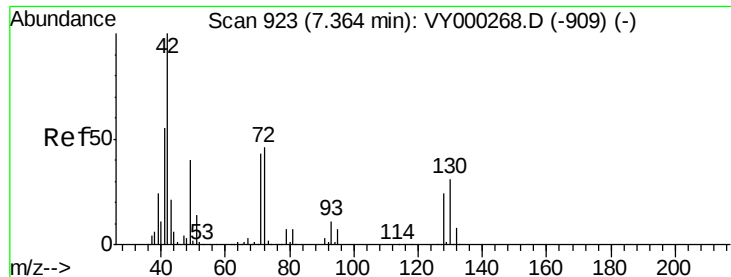


#28

Bromochloromethane
Concen: 51.558 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130833		
129	2.2	0.0	4.0	
130	72.4	58.2	87.2	





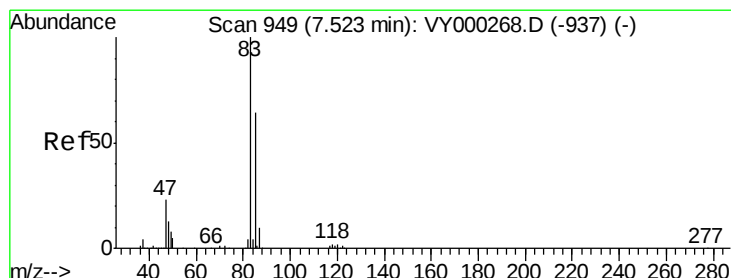
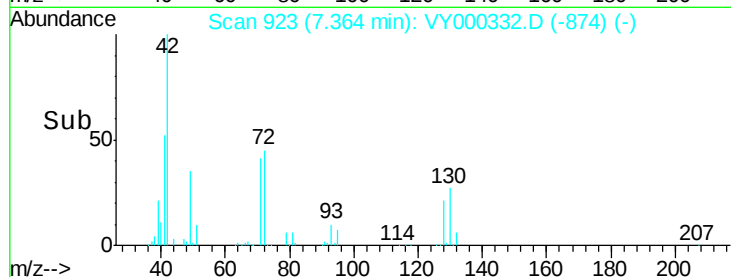
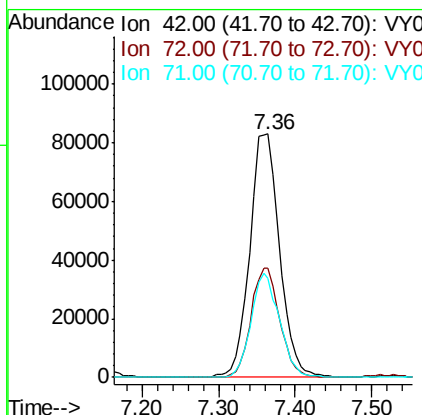
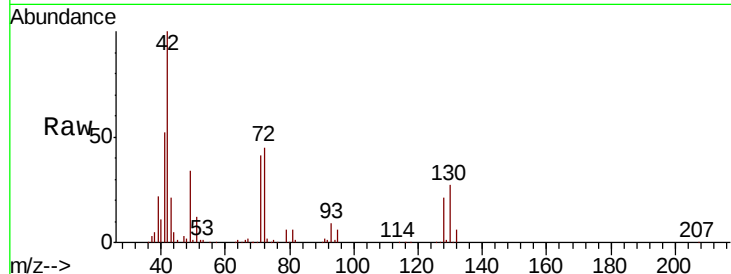
#29
Tetrahydrofuran
Concen: 253.883 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.6	32.7	49.1

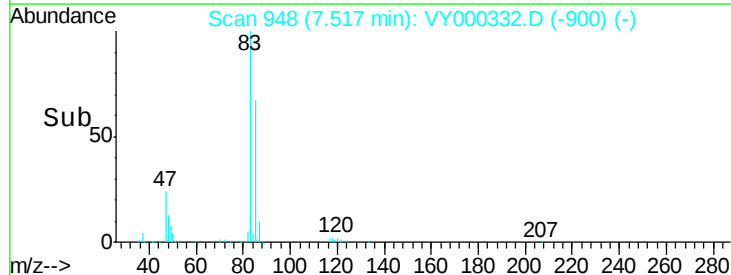
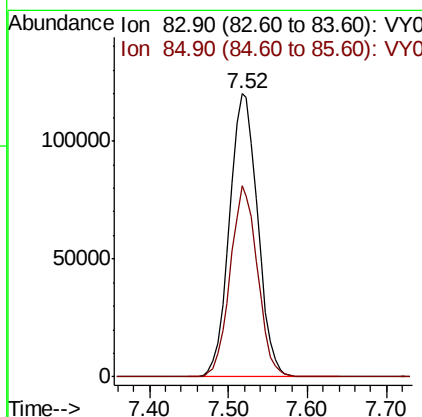
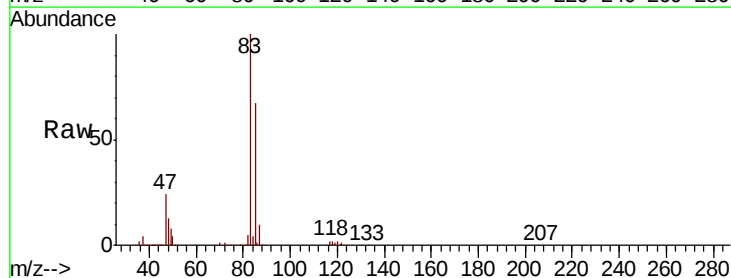
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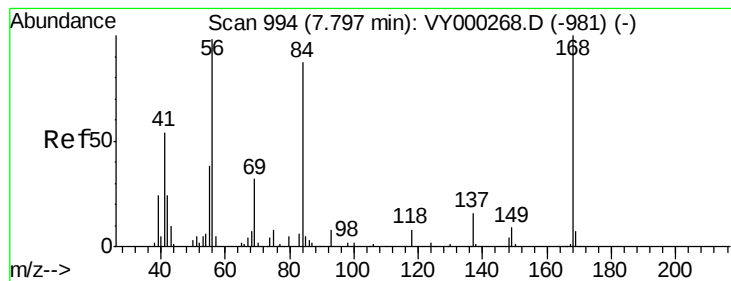
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#30
Chloroform
Concen: 50.130 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.4	77.2





#31

Cyclohexane

Concen: 46.381 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 286348

Ion Ratio Lower Upper

56 100

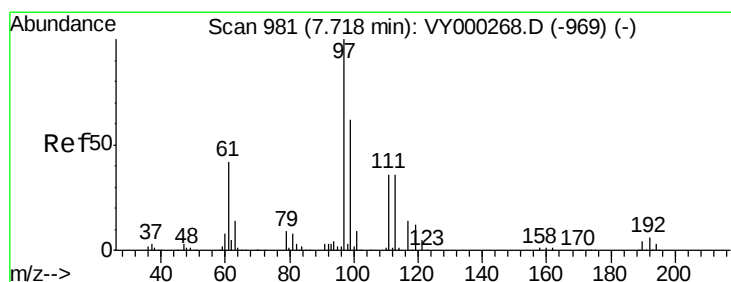
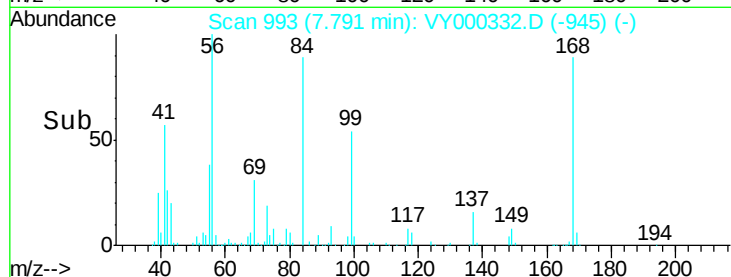
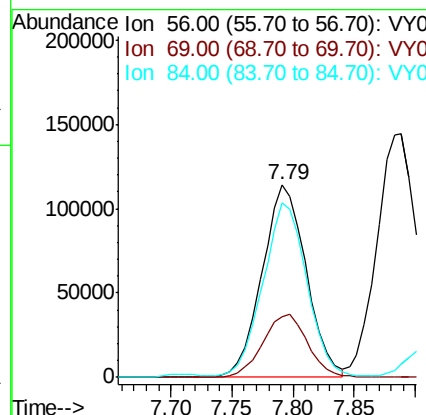
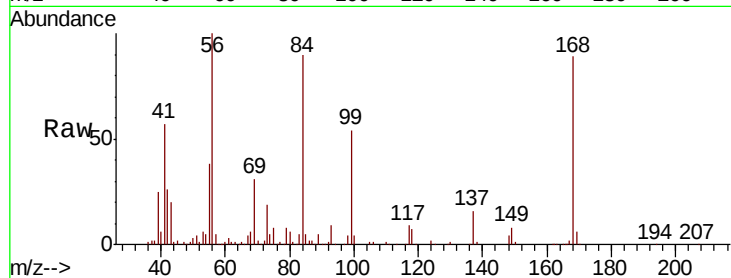
69 31.5 26.3 39.5

84 88.8 70.8 106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.571 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

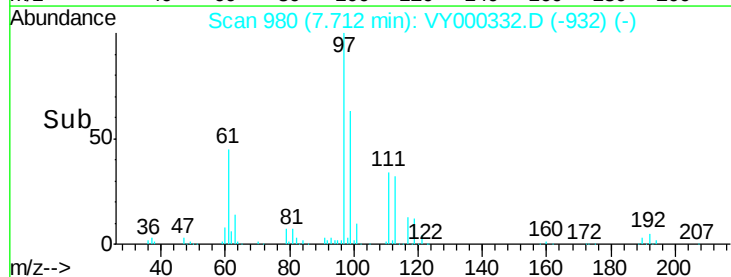
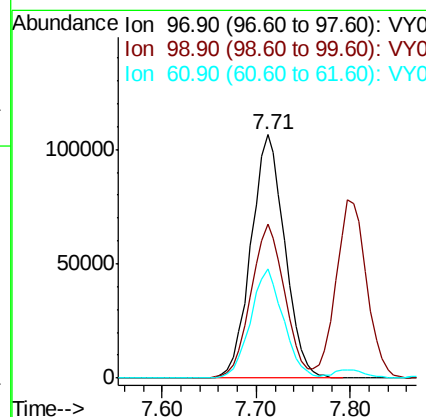
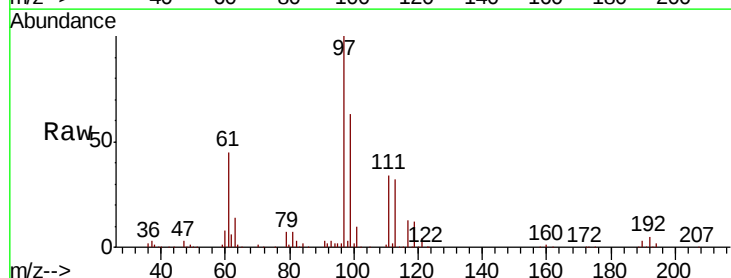
Tgt Ion: 97 Resp: 267640

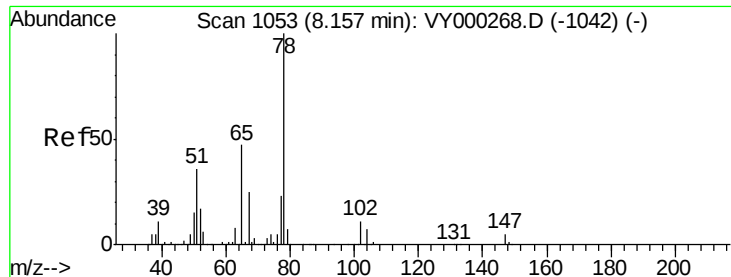
Ion Ratio Lower Upper

97 100

99 63.4 51.7 77.5

61 43.7 34.5 51.7





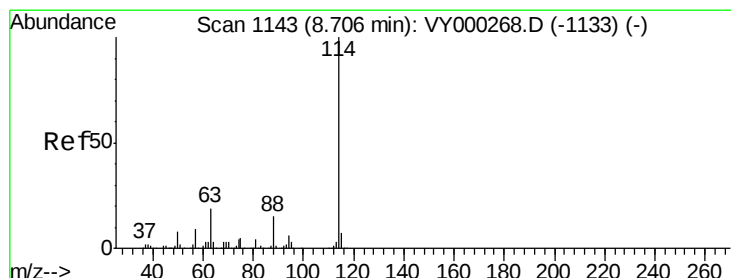
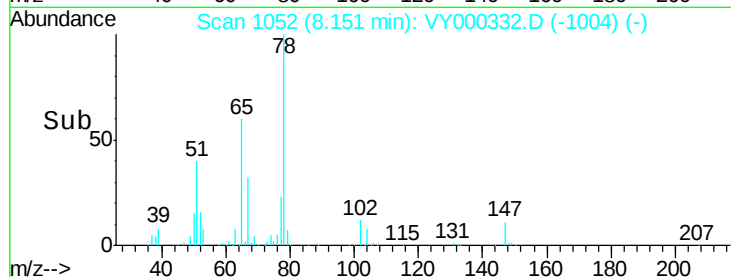
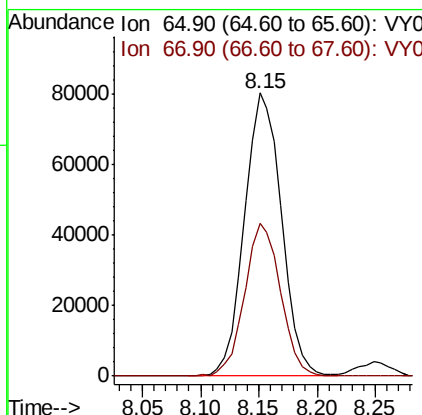
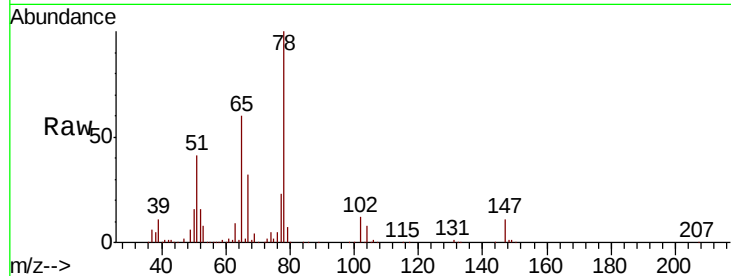
#33
 1,2-Dichloroethane-d4
 Concen: 55.193 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178107		
67	52.4	0.0	109.4	

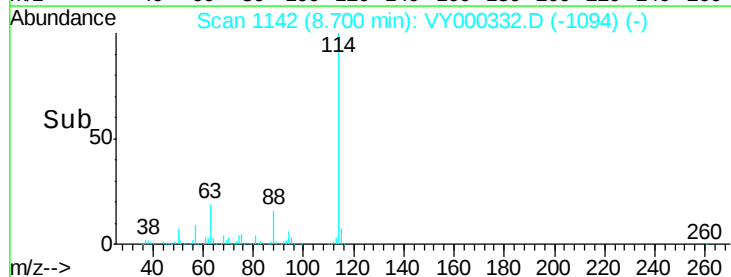
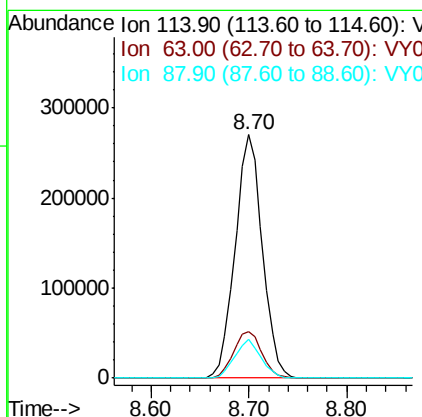
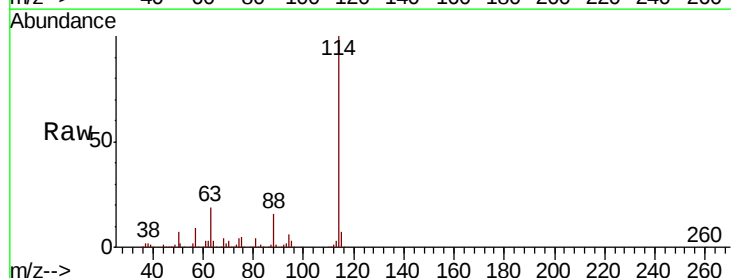
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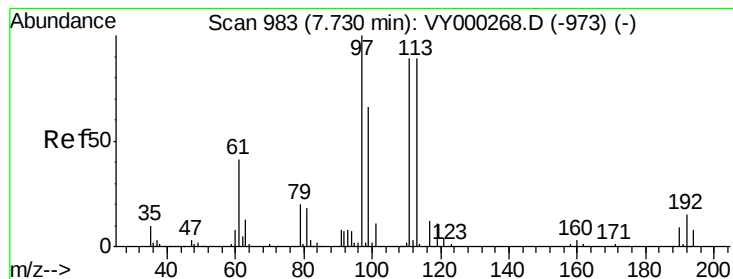
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519726		
63	19.1	0.0	37.2	
88	16.0	0.0	30.2	





#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

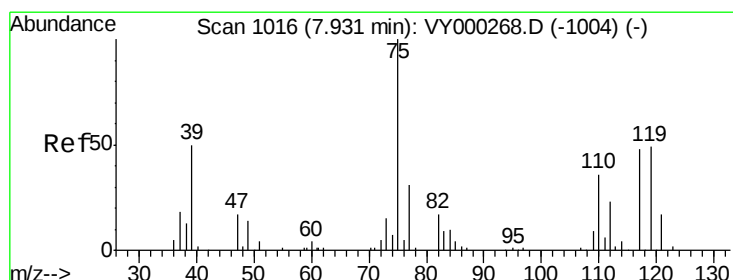
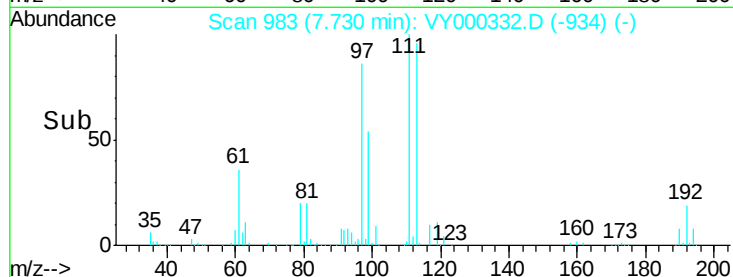
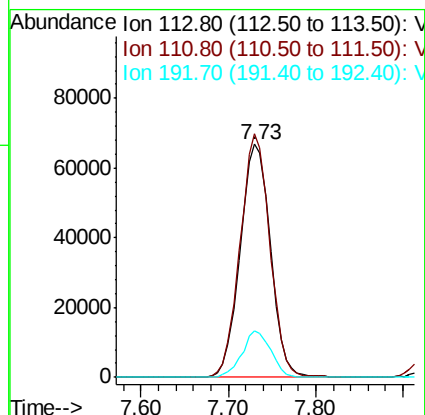
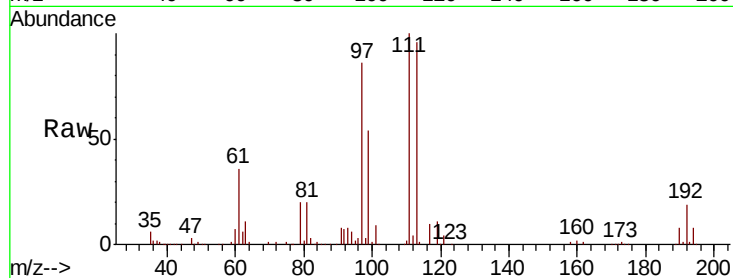
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	161089
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	18.9	15.3	22.9

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#36

1,1-Dichloropropene

Concen: 46.296 ug/l

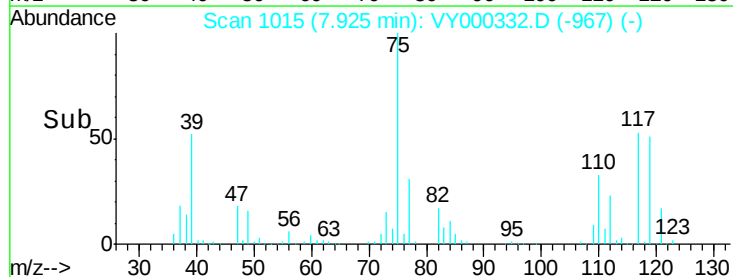
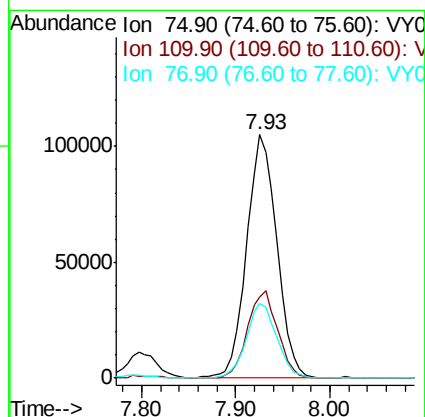
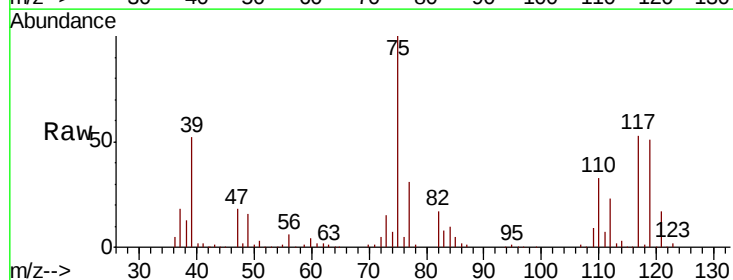
RT: 7.93 min Scan# 1015

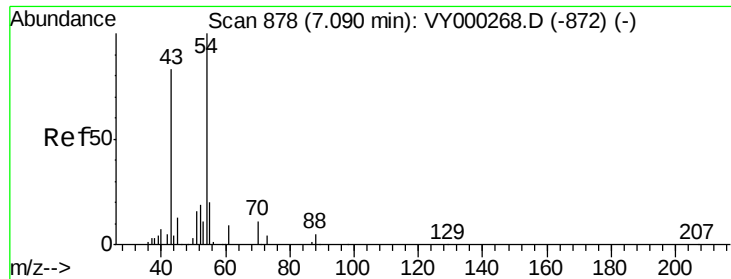
Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion:	75	Resp:	235574
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.4	55.4
77	31.3	25.0	37.6





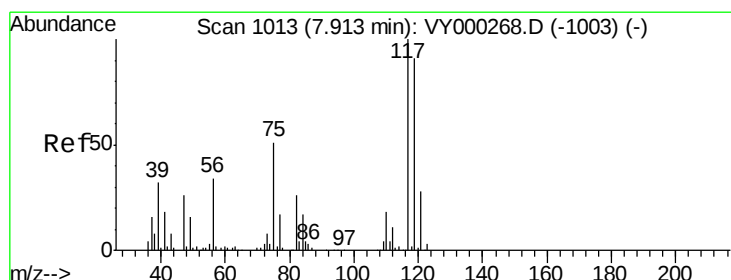
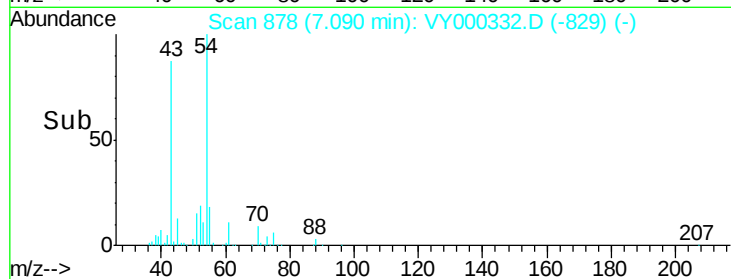
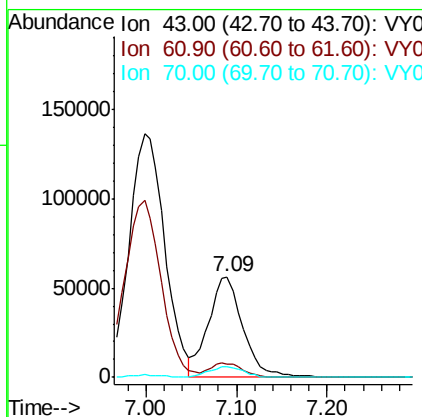
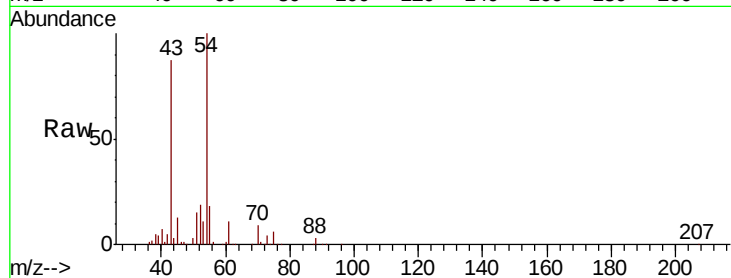
#37
Ethyl Acetate
Concen: 49.390 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.1	18.1
70	10.7	8.7	13.1

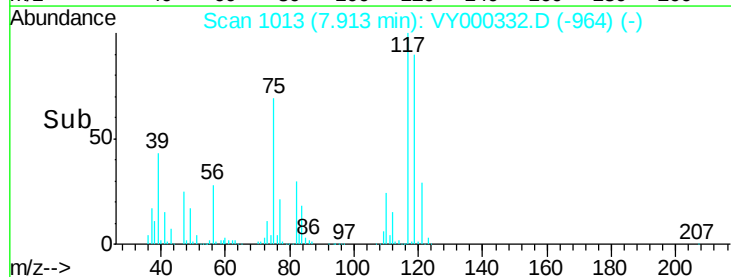
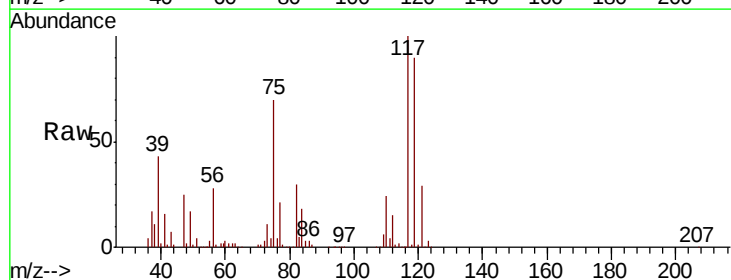
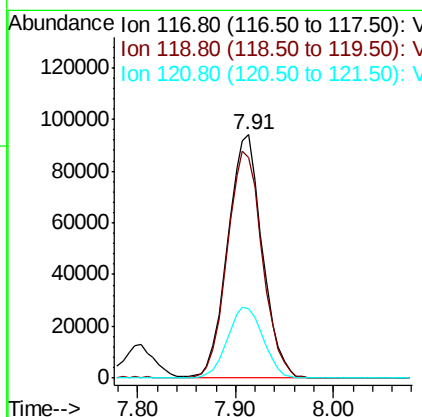
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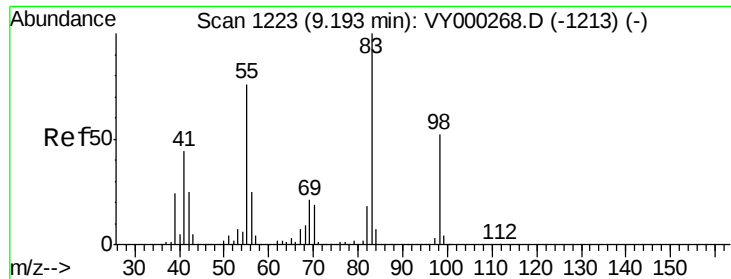
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#38
Carbon Tetrachloride
Concen: 46.611 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	72.8	109.2
121	28.7	22.2	33.2





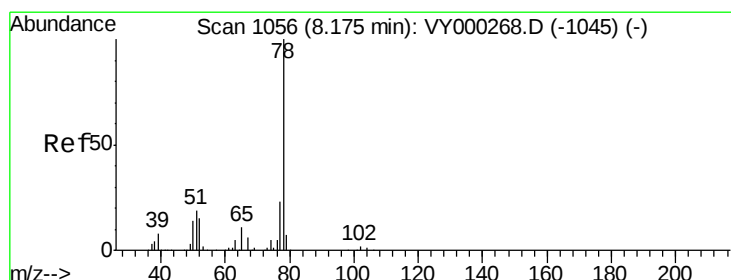
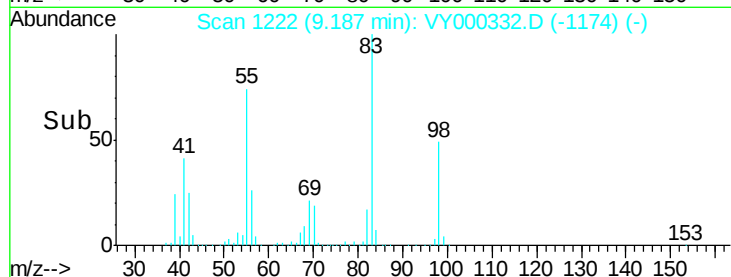
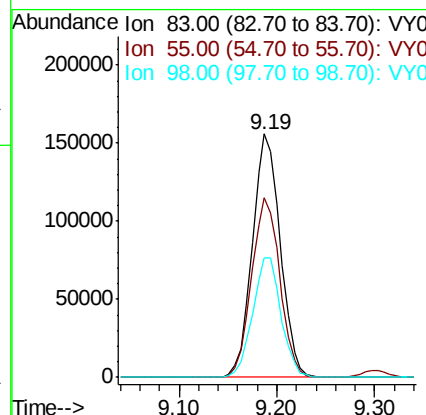
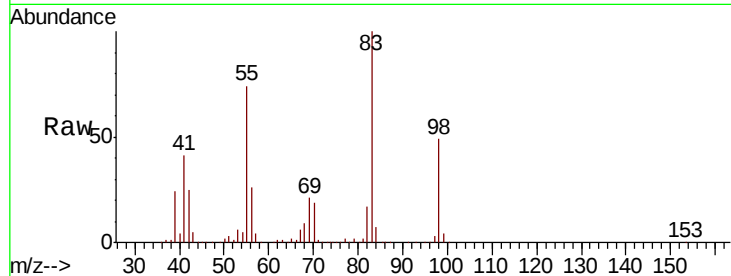
#39
Methylvlcyclohexane
Concen: 46.143 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	60.9	91.3
98	49.3	41.8	62.6

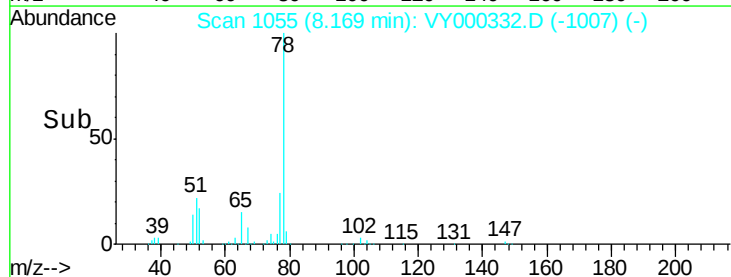
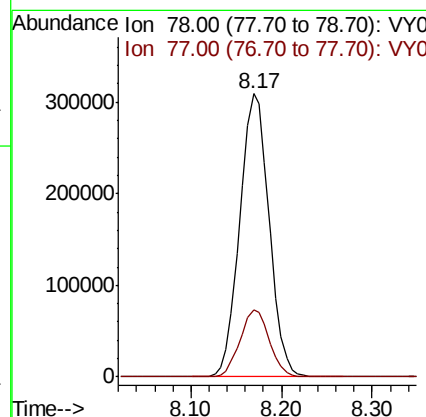
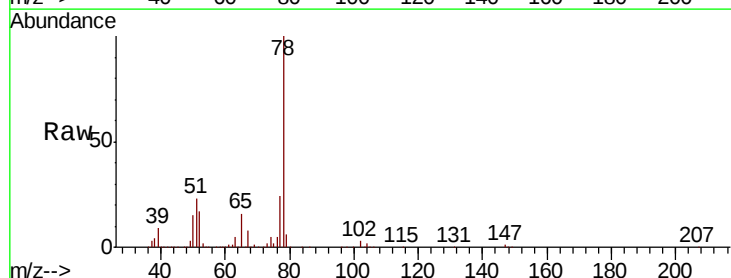
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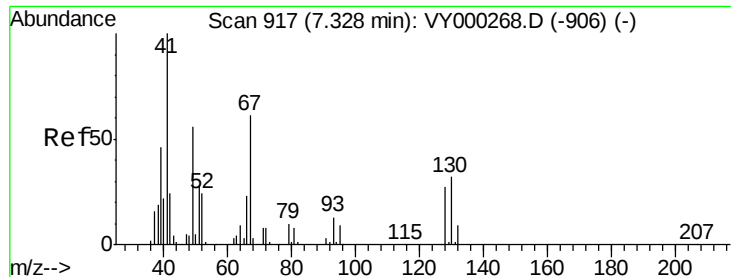
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#40
Benzene
Concen: 47.056 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 42.990 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 61656

Ion Ratio Lower Upper

41 100

39 152.0 110.2 165.2

67 0.0 0.0 0.0

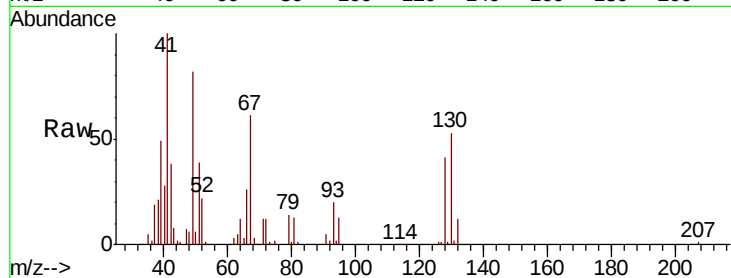
52 0.0 0.0 0.0

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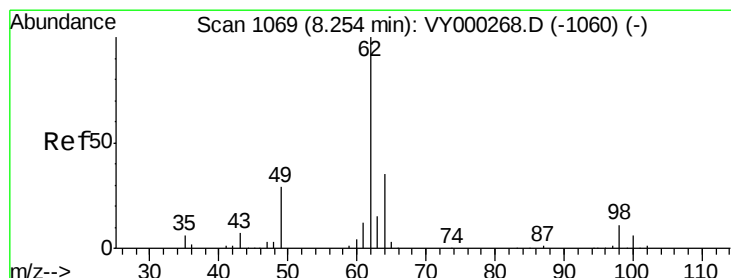
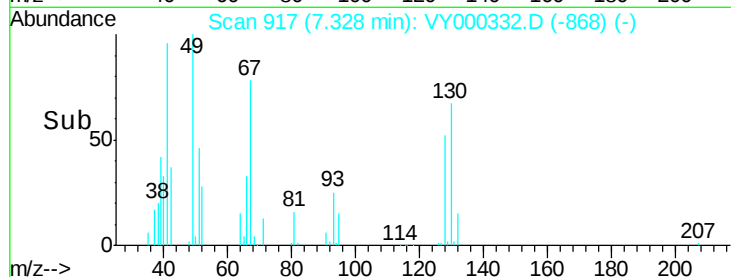
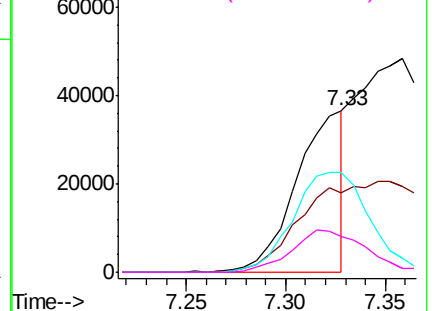


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.443 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY000332.D

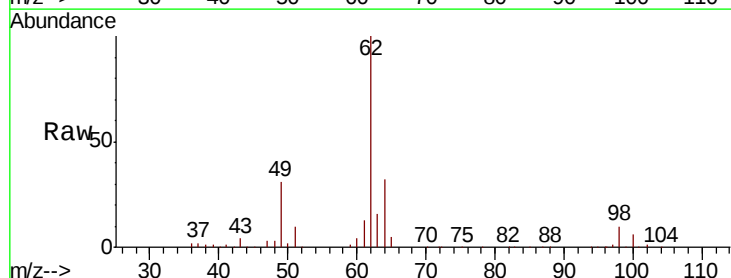
Acq: 16 Oct 2019 17:17

Tgt Ion: 62 Resp: 203485

Ion Ratio Lower Upper

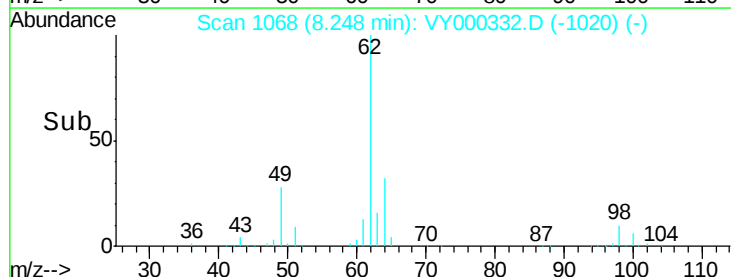
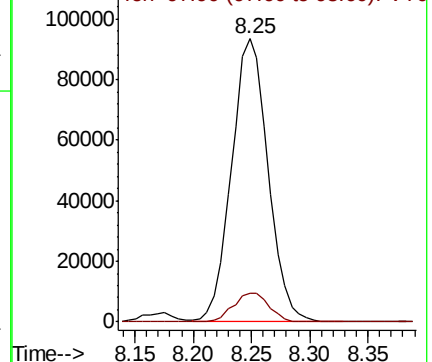
62 100

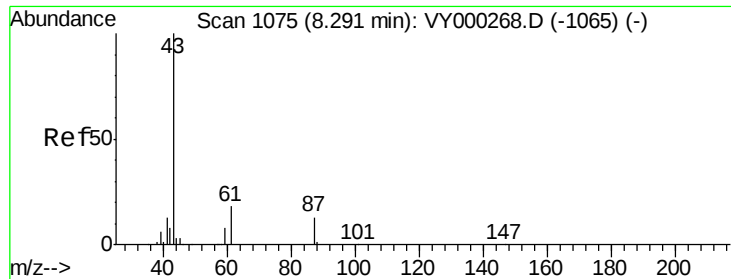
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 49.068 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

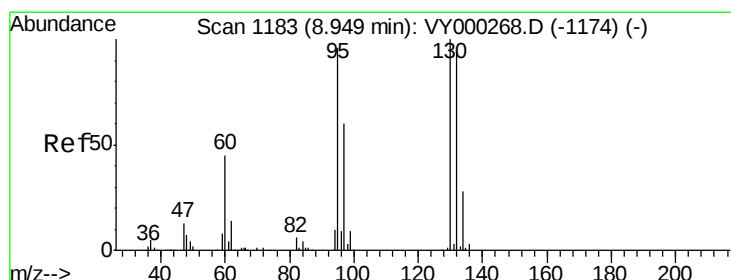
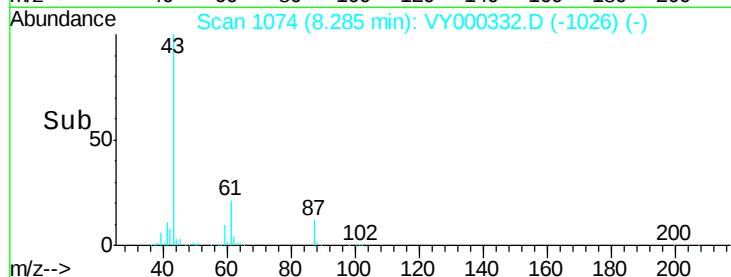
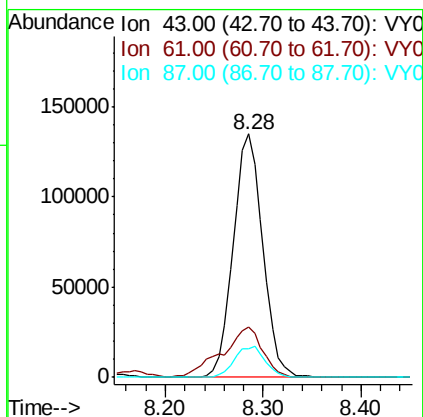
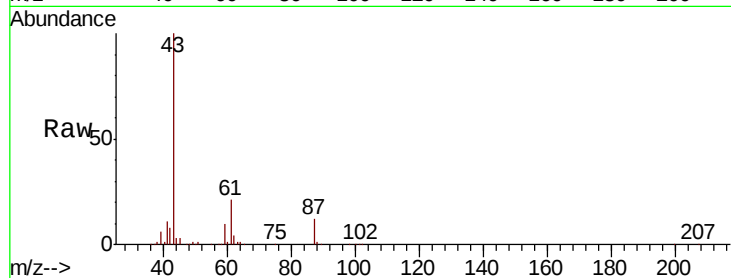
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	281106
Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.3	33.5
87	13.3	10.9	16.3

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#44

Trichloroethene

Concen: 45.634 ug/l

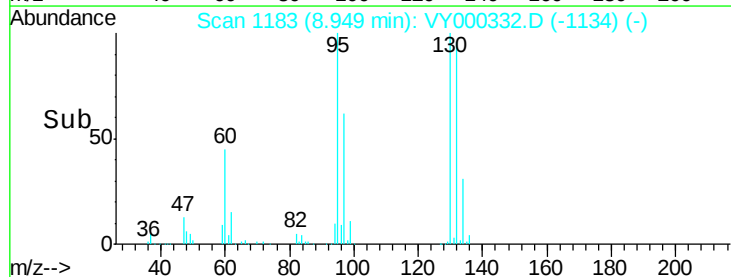
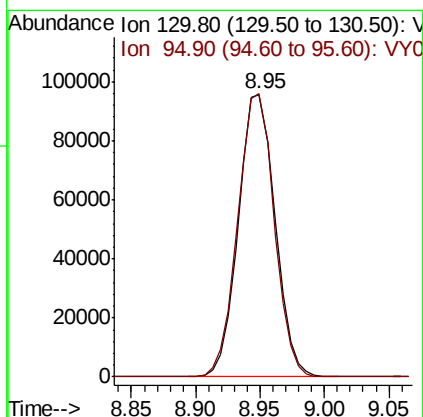
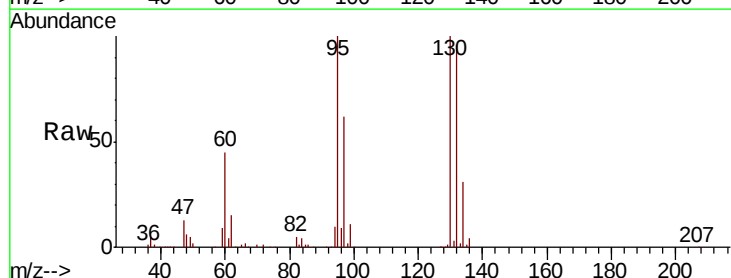
RT: 8.95 min Scan# 1183

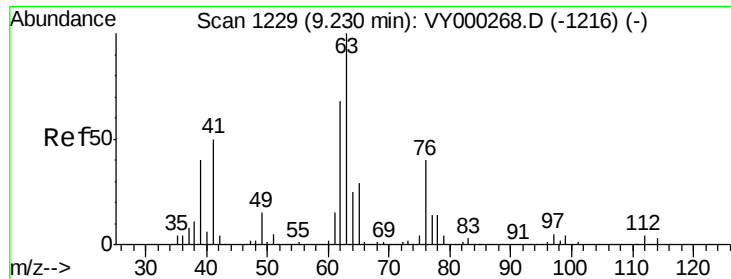
Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion:	130	Resp:	188285
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	191.4





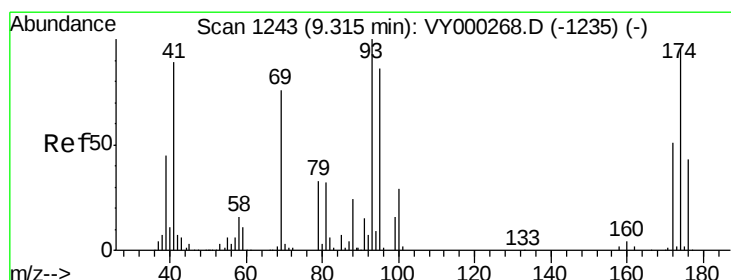
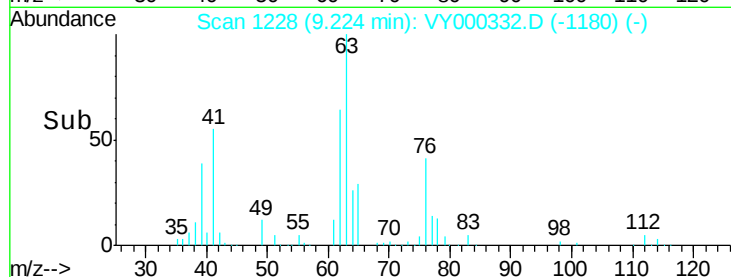
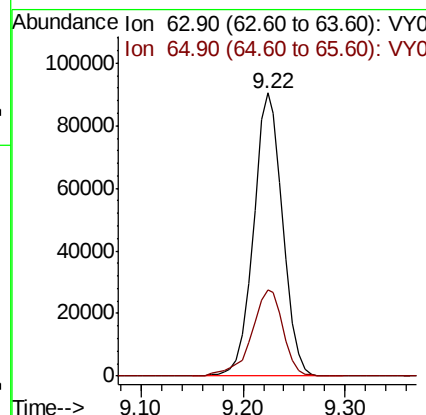
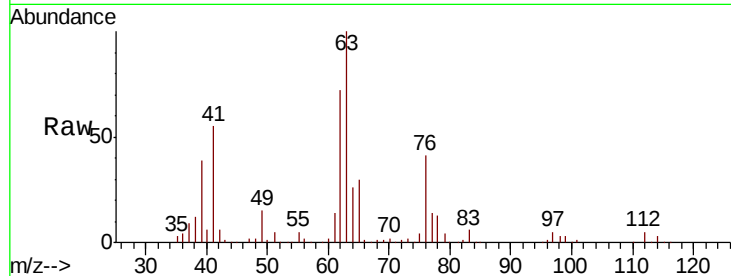
#45
 1,2-Dichloropropane
 Concen: 49.513 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.2	34.8

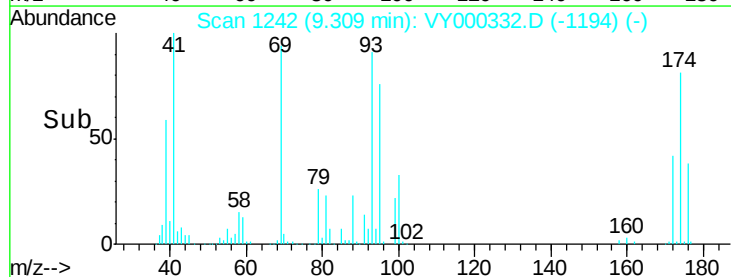
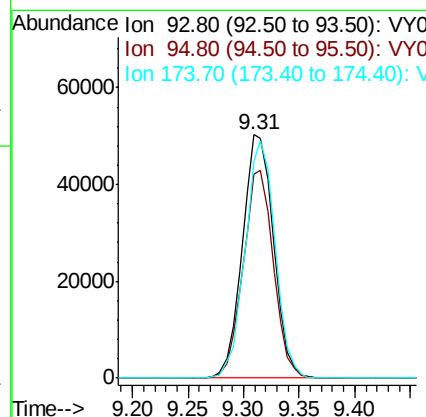
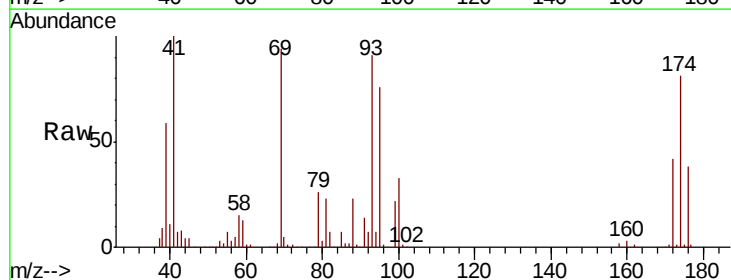
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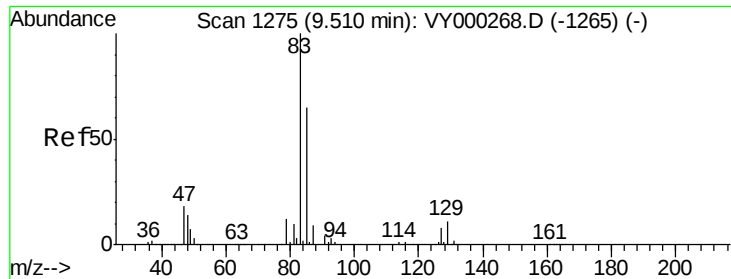
MMDadoda
 10/18/2019 12:50:42 AM



#46
 Dibromomethane
 Concen: 48.397 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	68.2	102.2
174	94.1	79.8	119.6





#47

Bromodichloromethane

Concen: 50.032 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

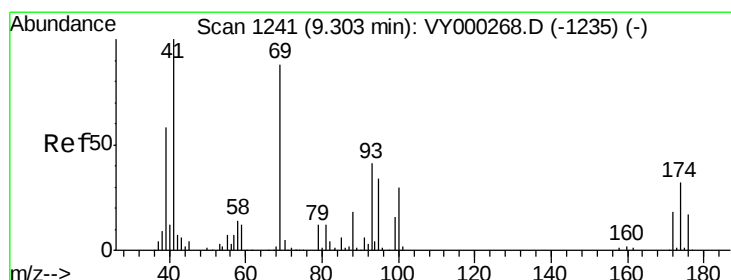
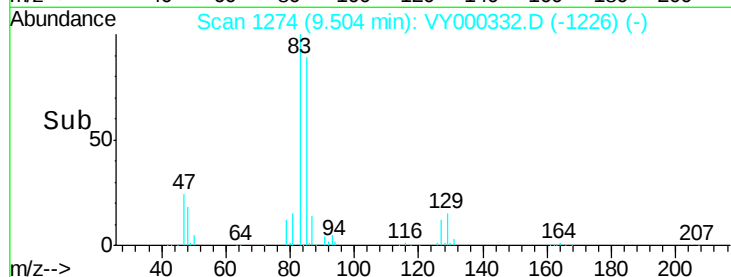
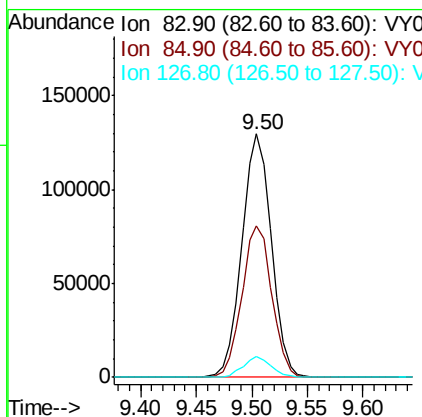
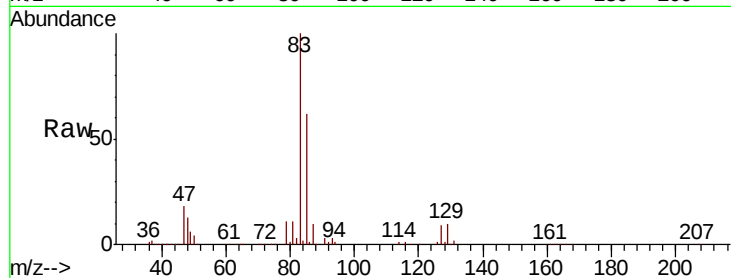
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	237862
Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.2	78.2
127	8.6	6.3	9.5

Manual Integrations
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MMDadoda
10/18/2019 12:50:42 AM



#48

Methyl methacrylate

Concen: 50.283 ug/l

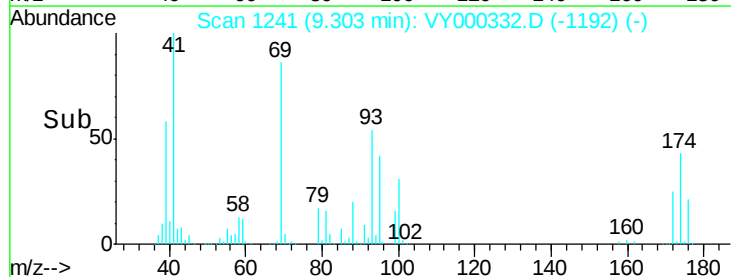
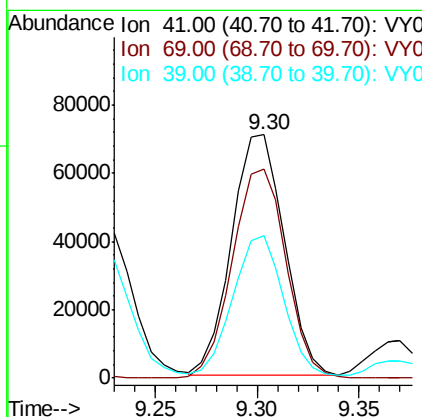
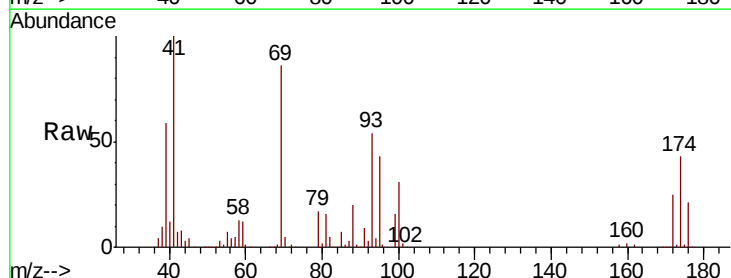
RT: 9.30 min Scan# 1241

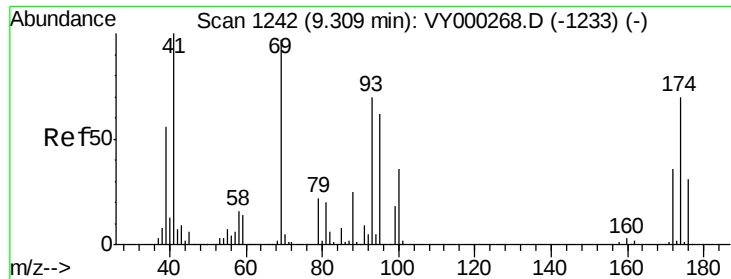
Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion:	41	Resp:	126246
Ion	Ratio	Lower	Upper
41	100		
69	89.1	70.0	105.0
39	58.3	47.7	71.5





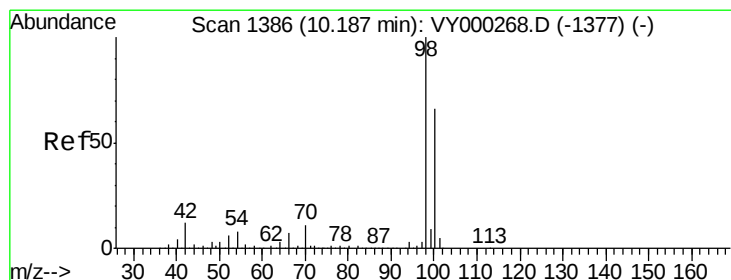
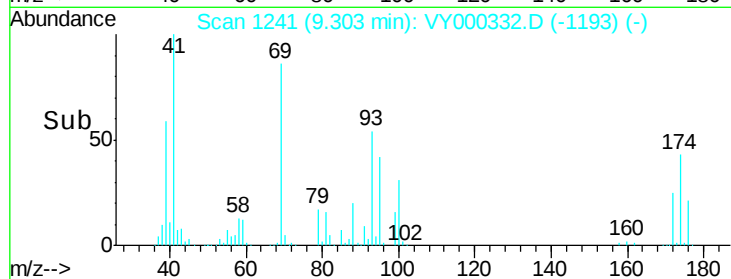
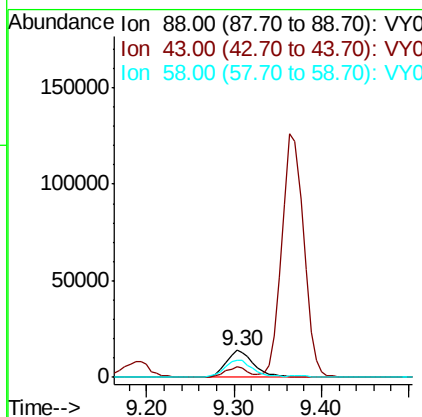
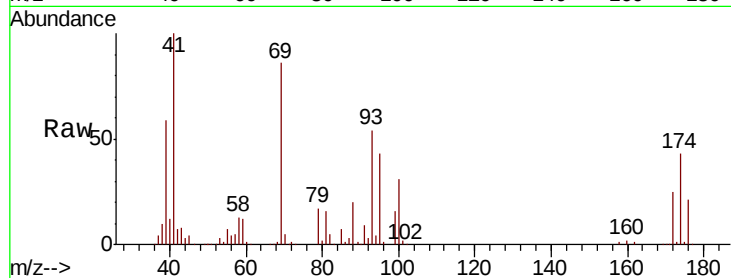
#49
 1,4-Dioxane
 Concen: 1024.727 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	30995
Ion	Ratio	Lower	Upper
88	100		
43	28.9	25.6	38.4
58	64.9	54.6	81.8

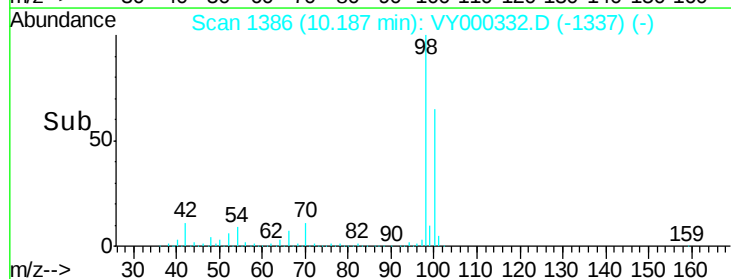
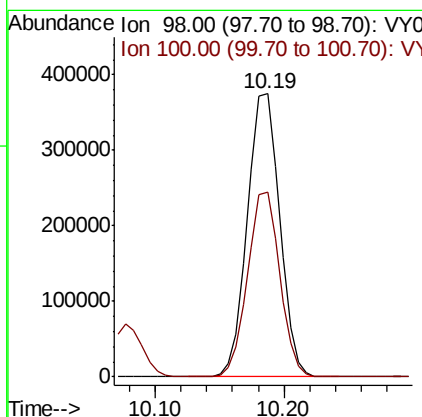
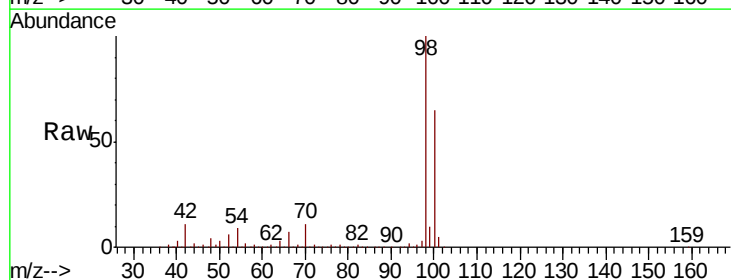
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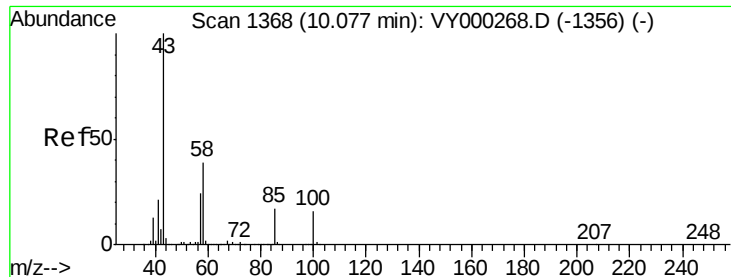
MMDadoda
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#50
 Toluene-d8
 Concen: 53.992 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	98	Resp	651122
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.8	79.2





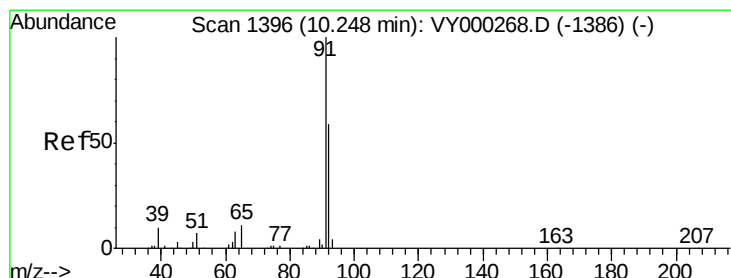
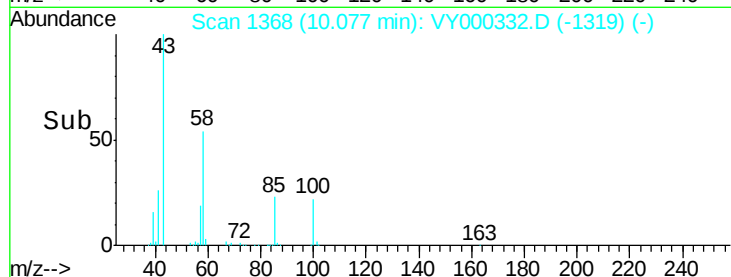
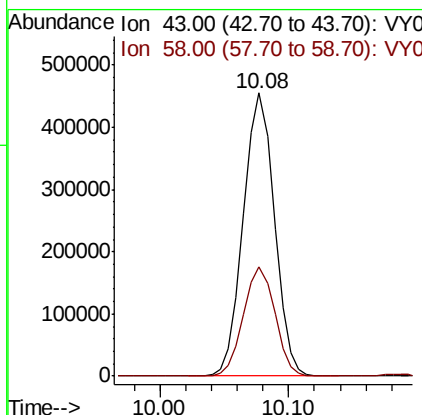
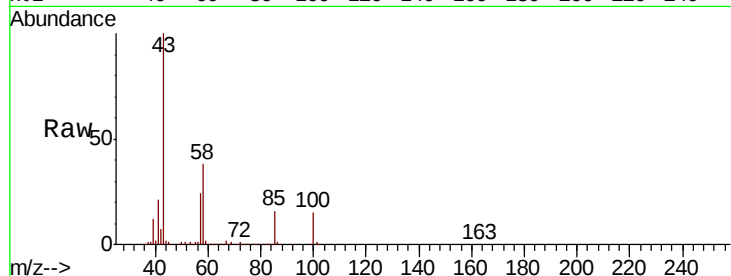
#51
4-Methyl-2-Pentanone
Concen: 257.350 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.0	46.6

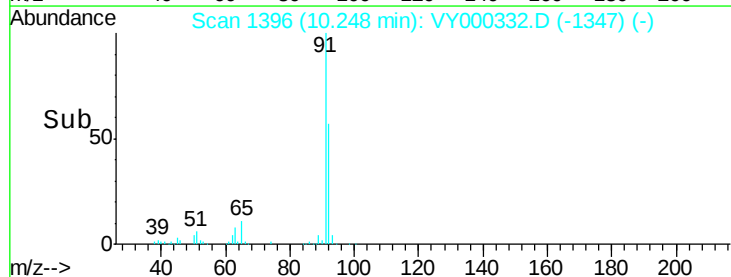
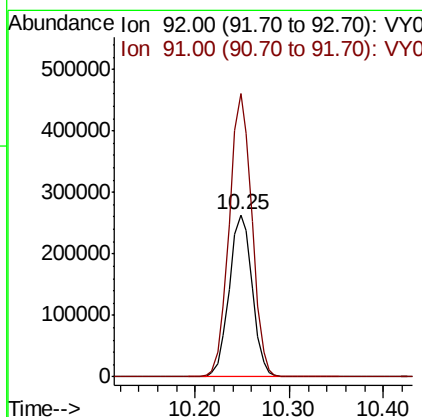
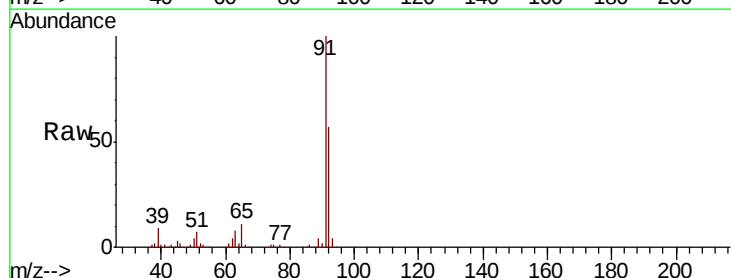
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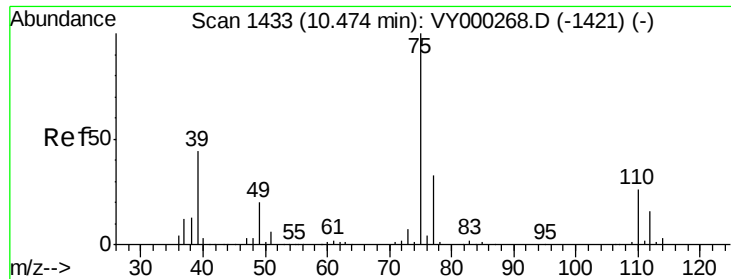
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#52
Toluene
Concen: 47.709 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	136.6	205.0





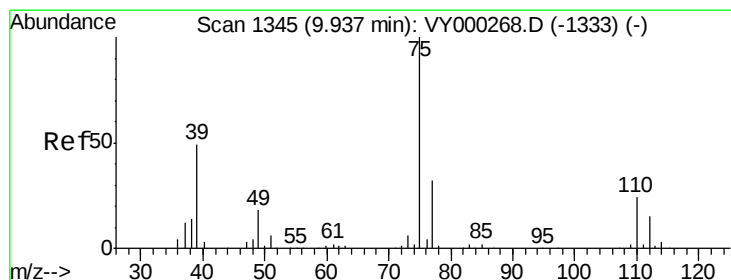
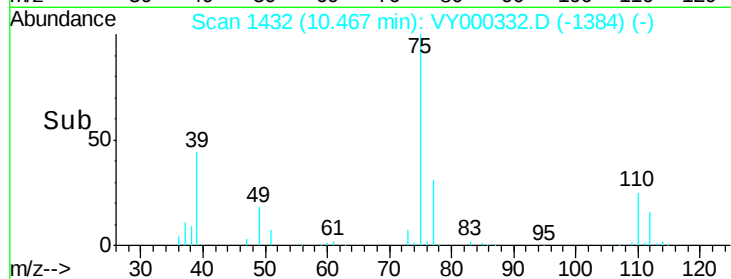
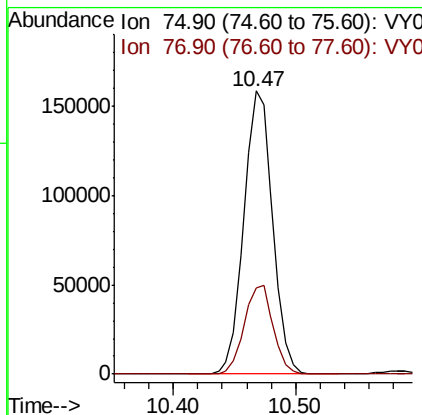
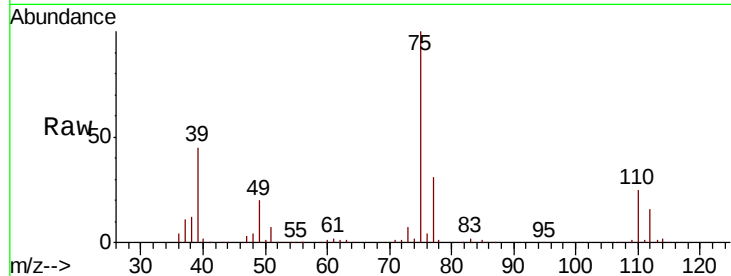
#53
 t-1,3-Dichloropropene
 Concen: 50.800 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 258832
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.0 39.0

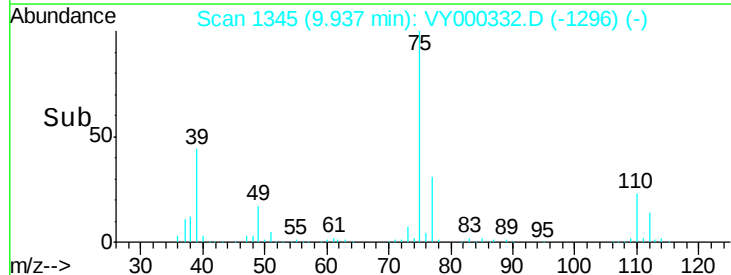
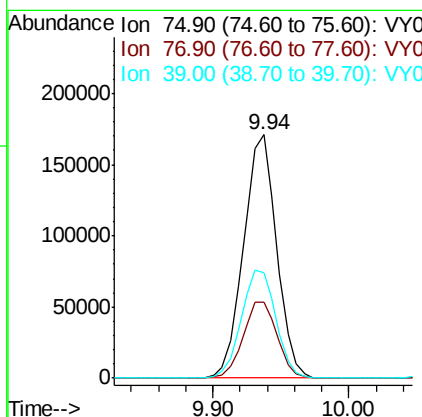
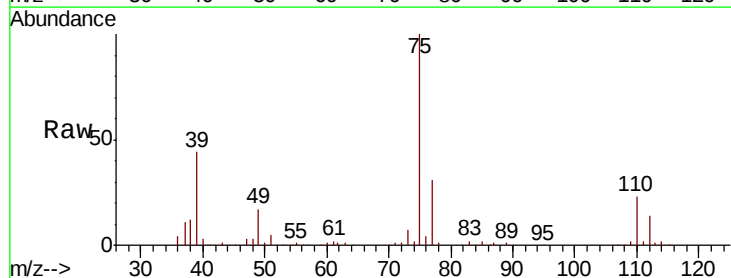
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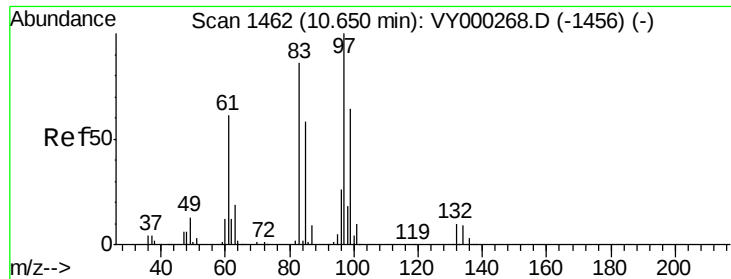
MMDadoda
 10/18/2019 12:50:42 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.242 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 75 Resp: 290712
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.0 39.0
 39 43.5 38.8 58.2





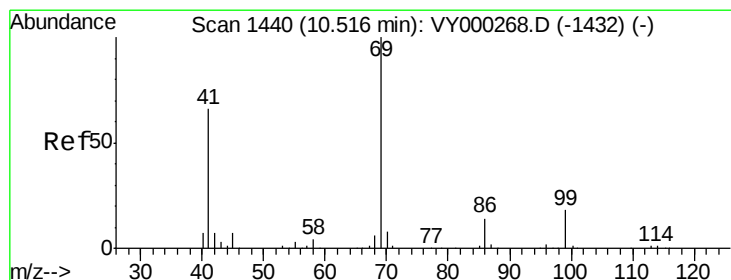
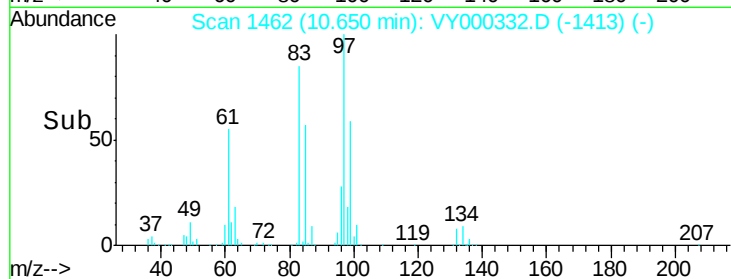
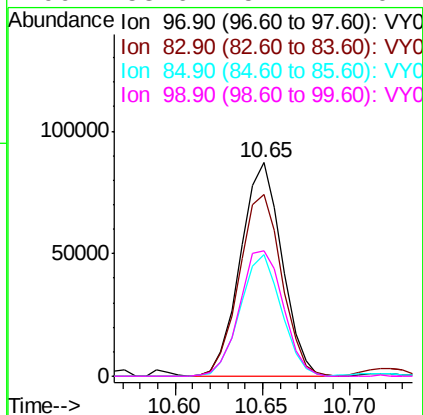
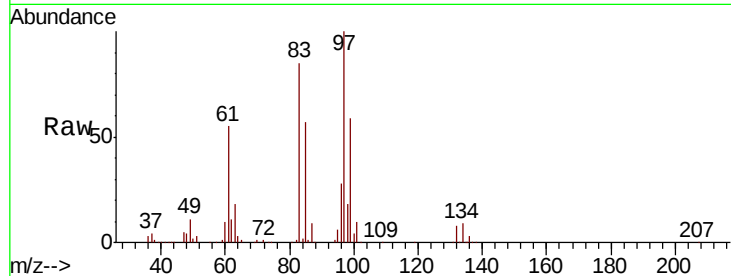
#55
 1,1,2-Trichloroethane
 Concen: 49.014 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	143764
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.0	103.6
85	57.3	46.2	69.4
99	58.6	51.1	76.7

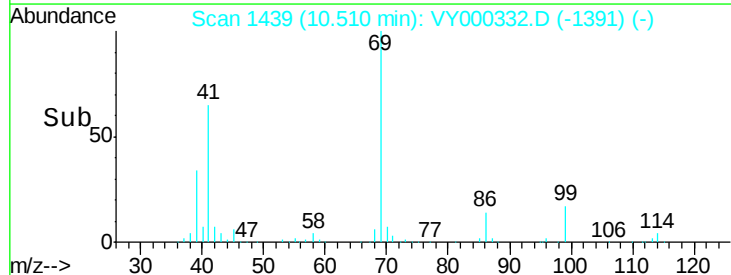
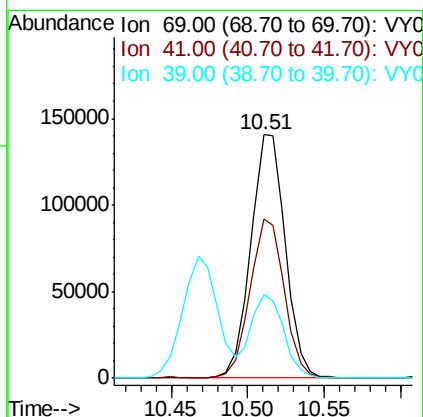
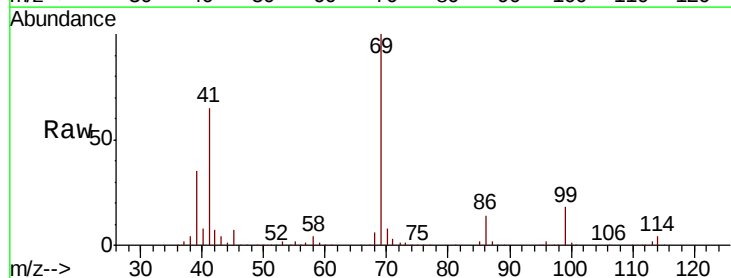
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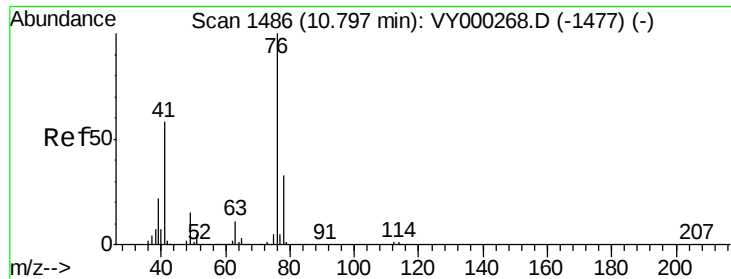
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 10/18/2019 12:50:42 AM



#56
 Ethyl methacrylate
 Concen: 52.809 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion:	69	Resp:	220781
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.5	78.7
39	33.0	26.7	40.1





#57

1,3-Dichloropropane

Concen: 50.760 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 255694

Ion Ratio Lower Upper

76 100

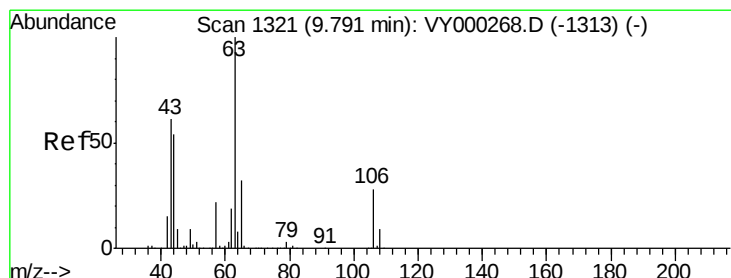
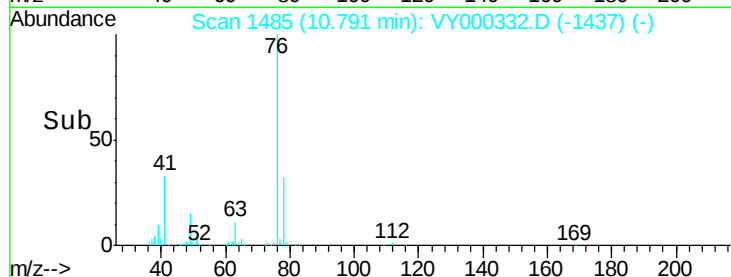
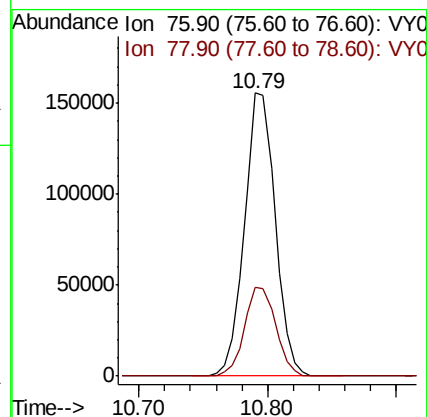
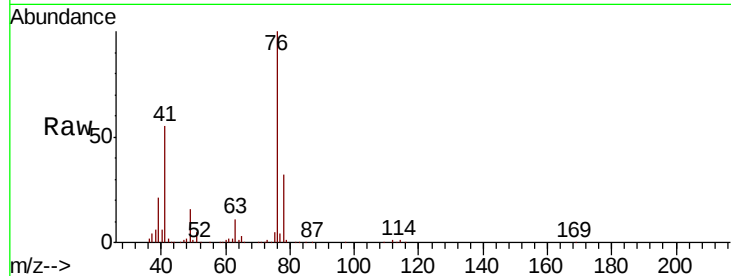
78 32.1 26.2 39.2

Manual Integrations

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MMDadoda

10/18/2019 12:50:42 AM



#58

2-Chloroethyl Vinyl ether

Concen: 335.090 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000332.D

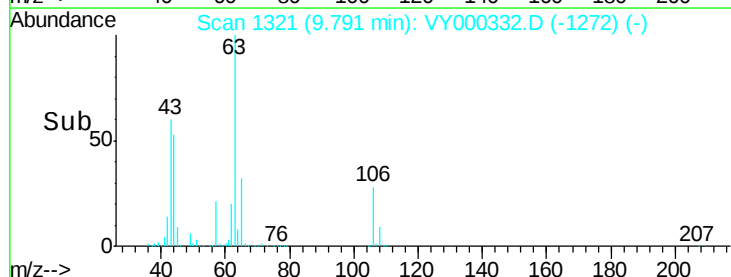
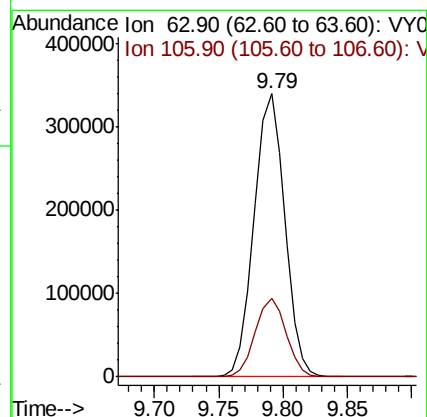
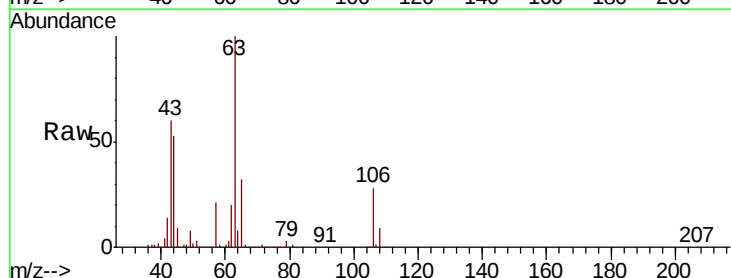
Acq: 16 Oct 2019 17:17

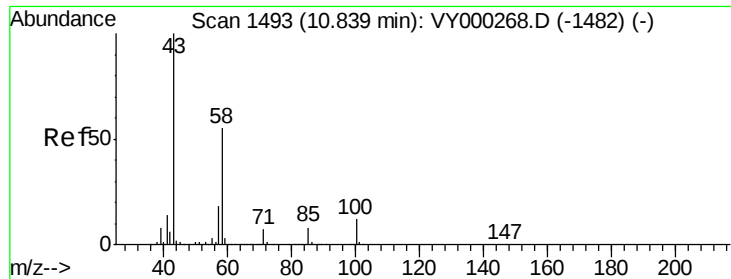
Tgt Ion: 63 Resp: 558783

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.4





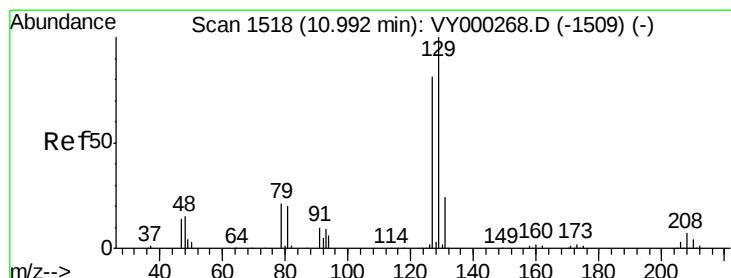
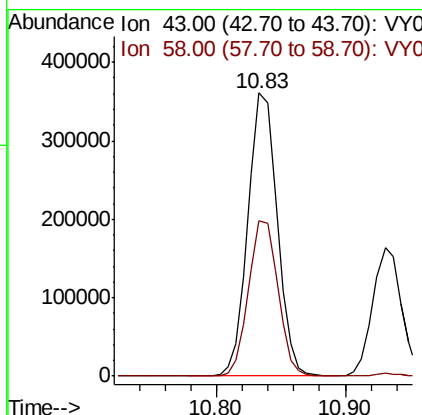
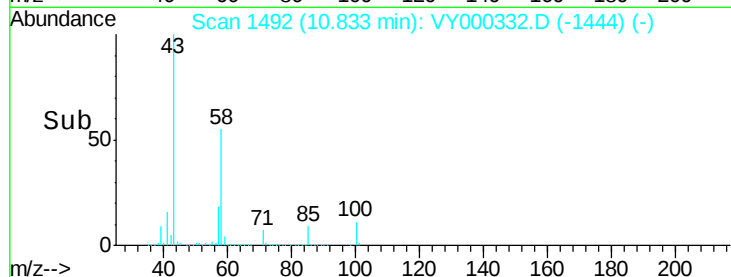
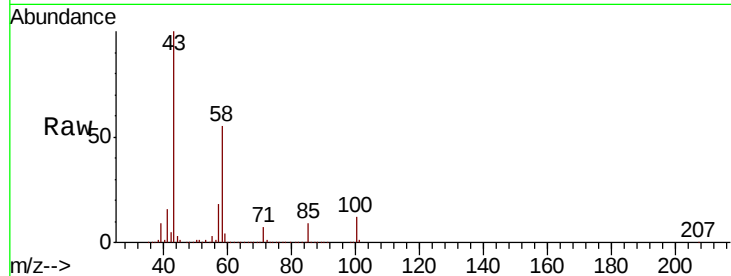
#59
2-Hexanone
Concen: 273.114 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 566447
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

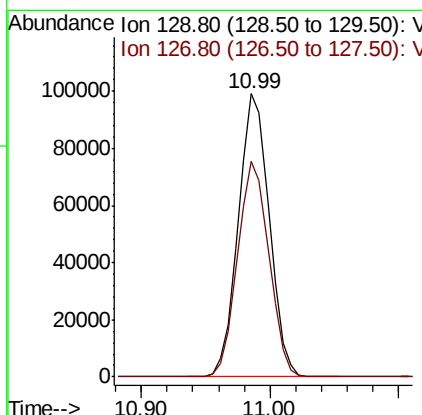
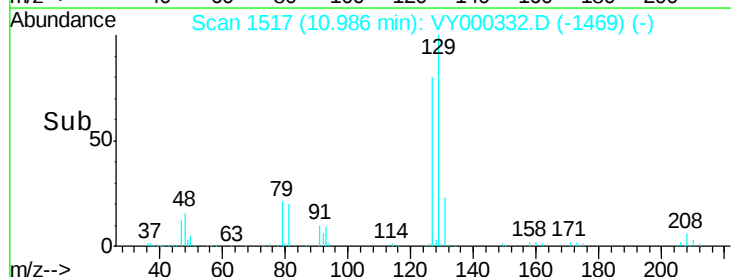
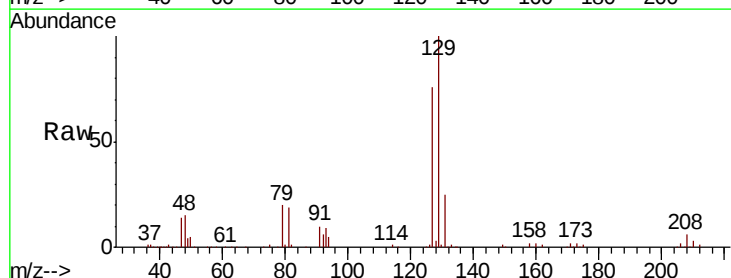
Manual Integrations
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#60
Dibromochloromethane
Concen: 50.754 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 129 Resp: 165002
Ion Ratio Lower Upper
129 100
127 77.1 39.9 119.7





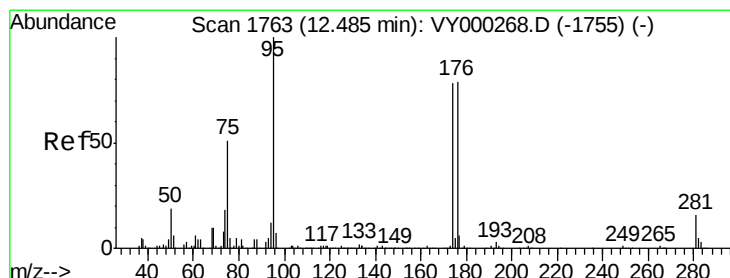
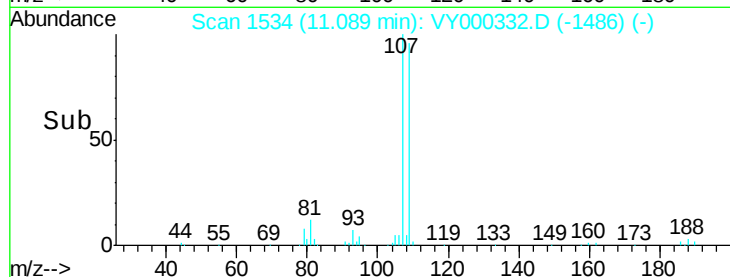
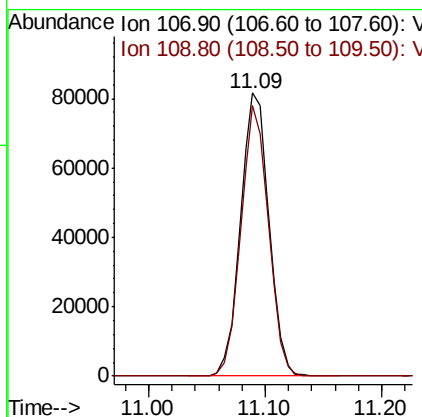
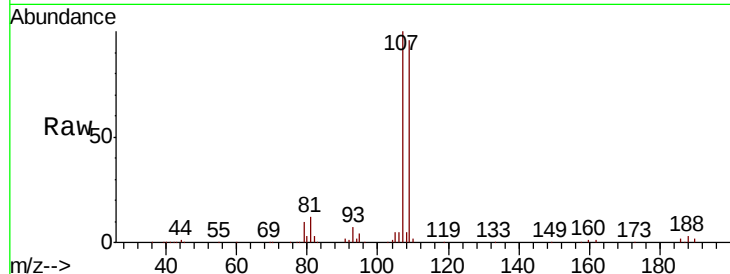
#61
 1,2-Dibromoethane
 Concen: 49.262 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.1	112.7

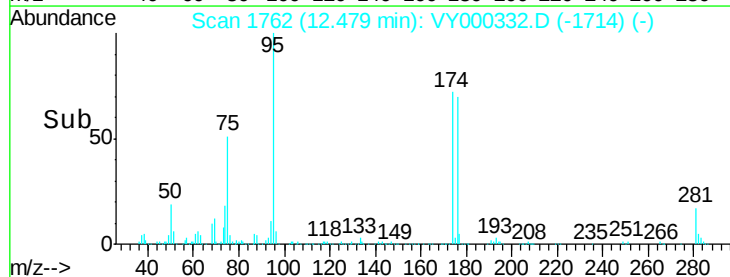
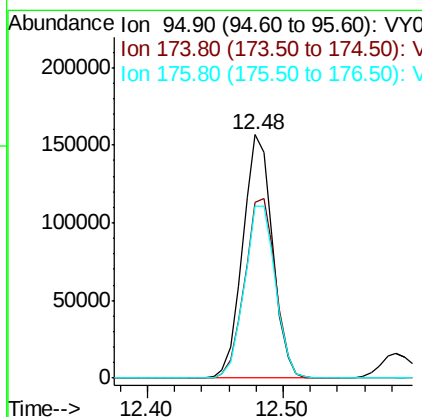
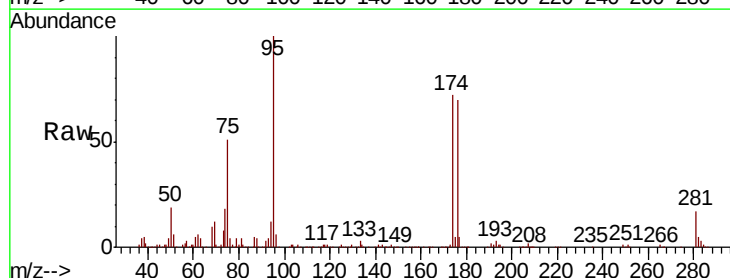
Manual Integrations
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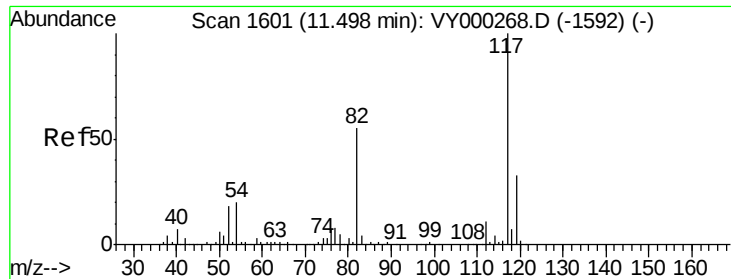
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 52.236 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	159.6
176	73.6	0.0	153.8





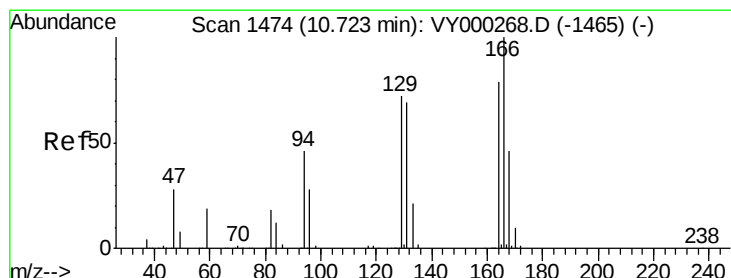
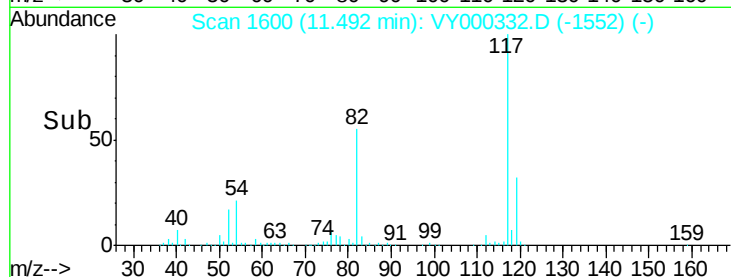
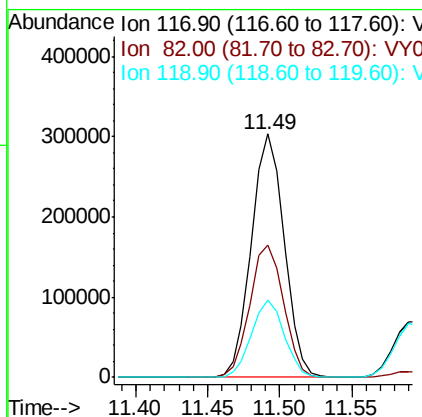
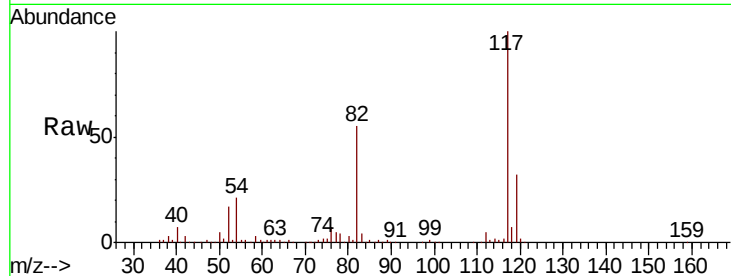
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.7	65.5
119	31.6	26.6	39.8

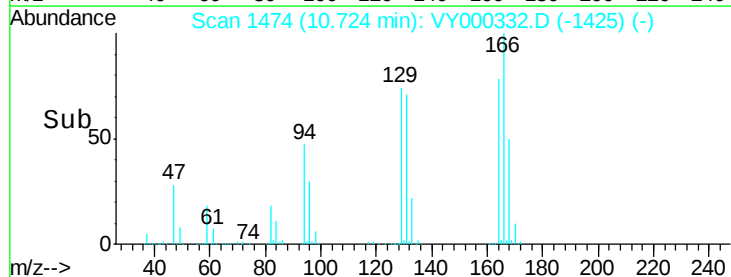
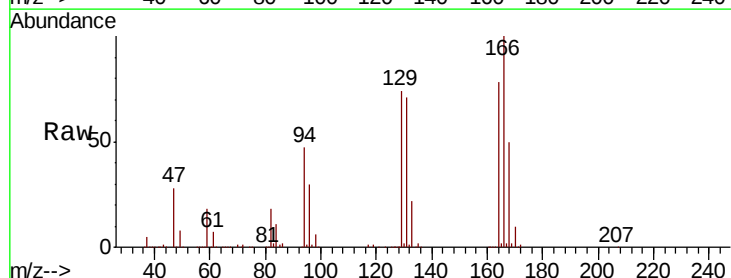
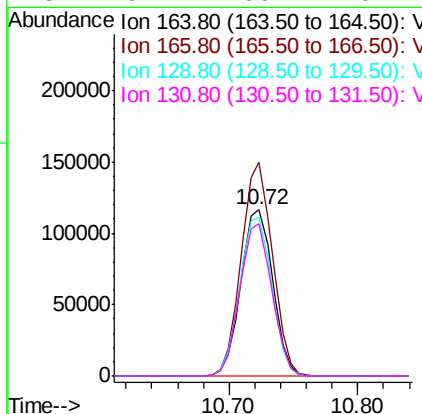
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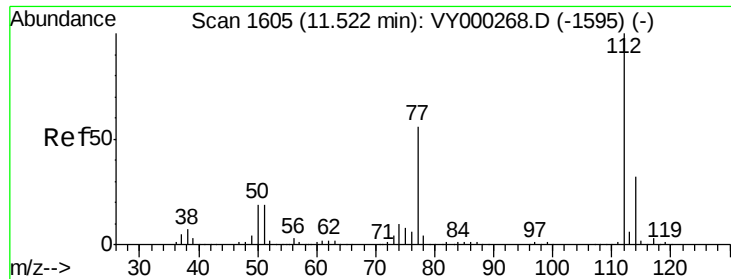
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#64
Tetrachloroethene
Concen: 43.757 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.6	151.0
129	95.6	72.8	109.2
131	91.7	69.4	104.2





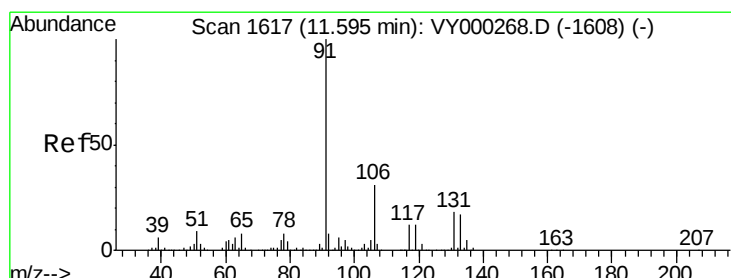
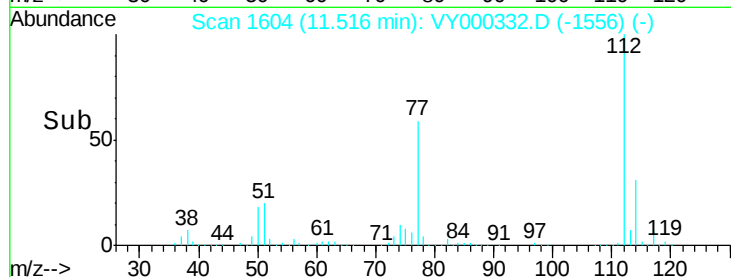
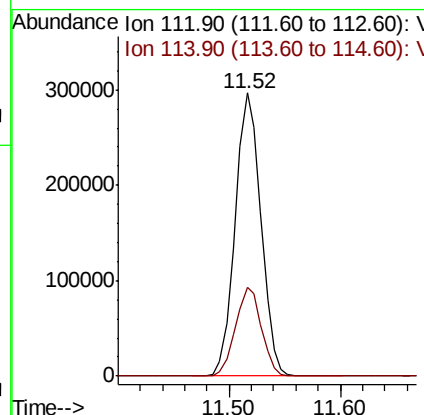
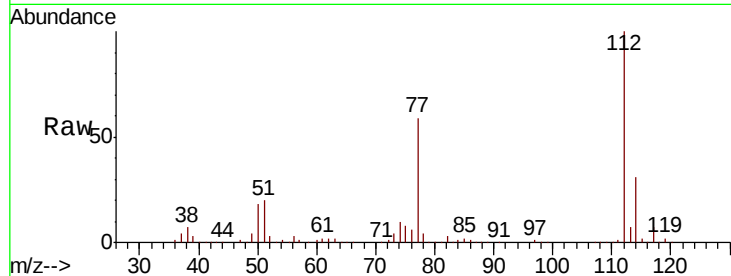
#65
Chlorobenzene
Concen: 46.944 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 474073
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

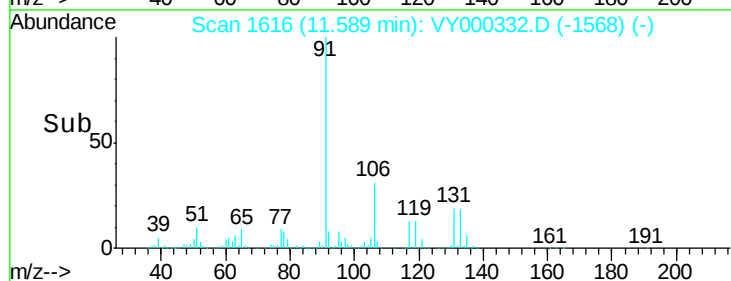
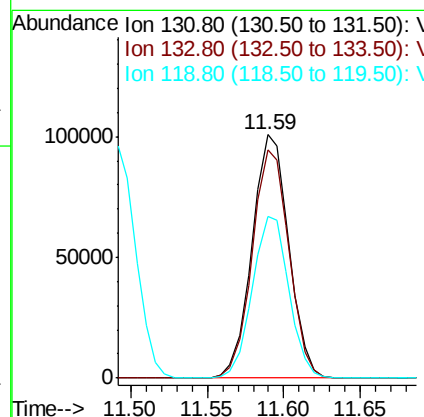
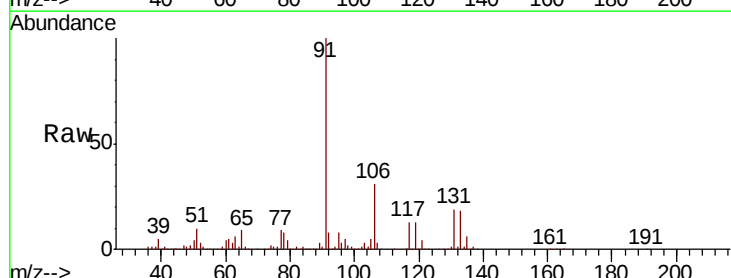
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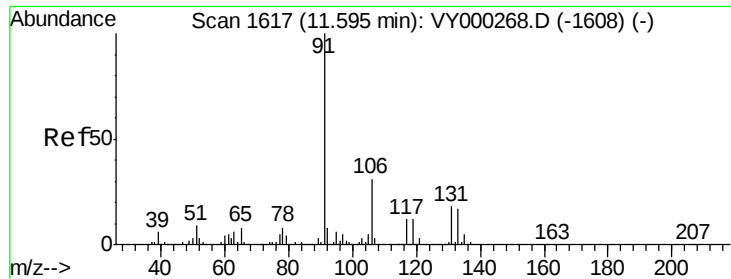
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.265 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion:131 Resp: 167670
Ion Ratio Lower Upper
131 100
133 94.0 47.2 141.6
119 66.4 32.6 98.0





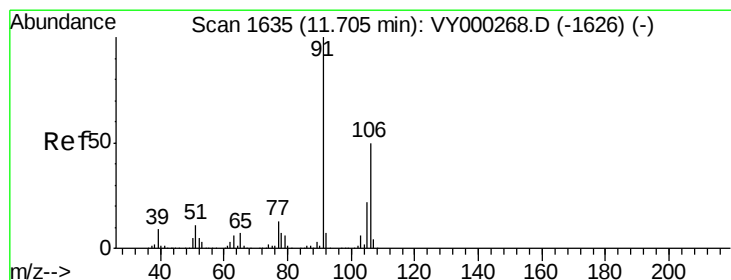
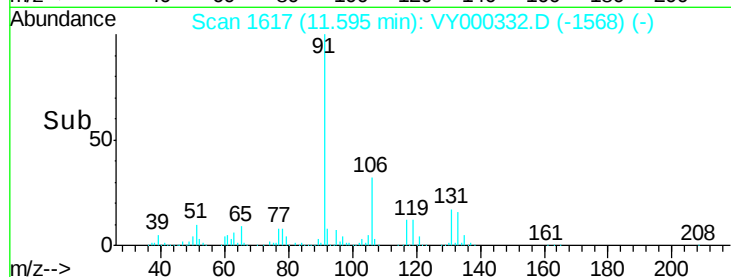
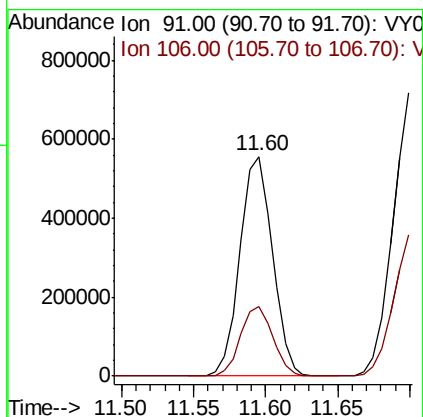
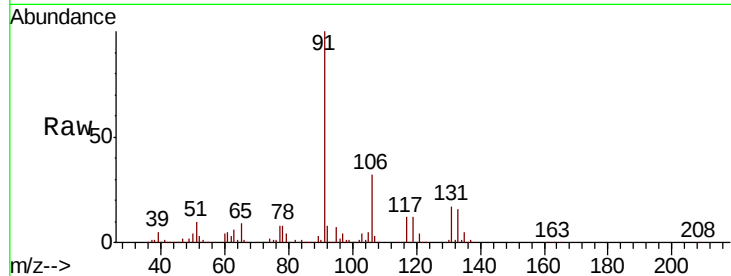
#67
Ethyl Benzene
Concen: 46.704 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 874327
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

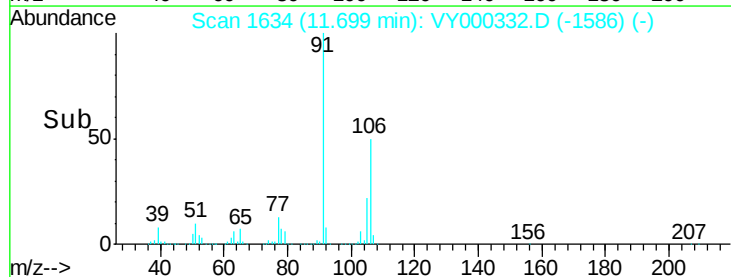
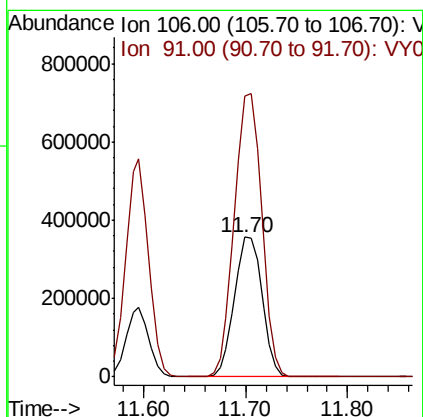
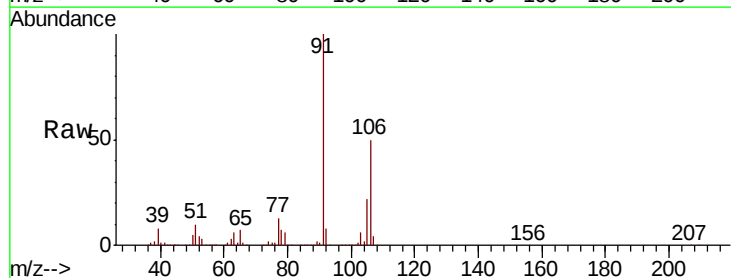
Manual Integrations
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#68
m/p-Xylenes
Concen: 93.797 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 106 Resp: 671261
Ion Ratio Lower Upper
106 100
91 200.7 157.5 236.3





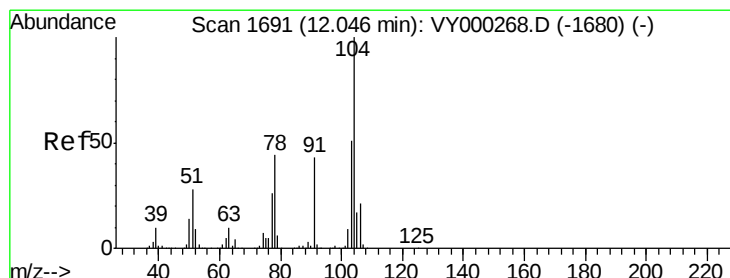
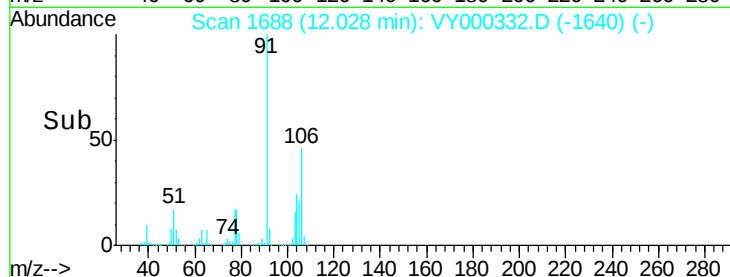
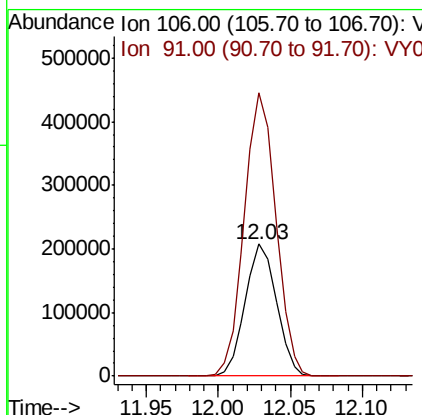
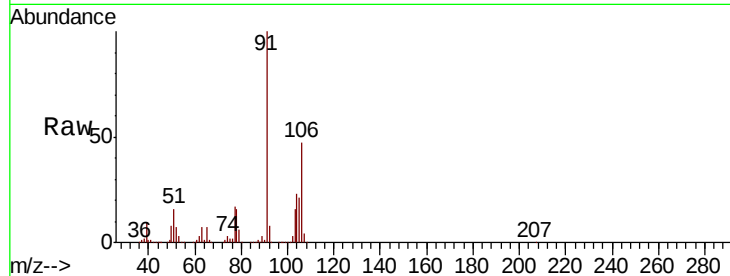
#69
o-Xylene
Concen: 46.199 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.1	104.7	313.9	

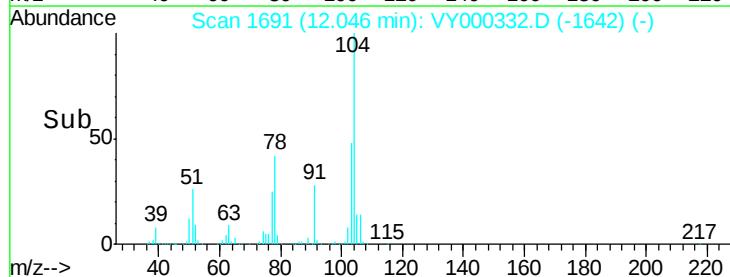
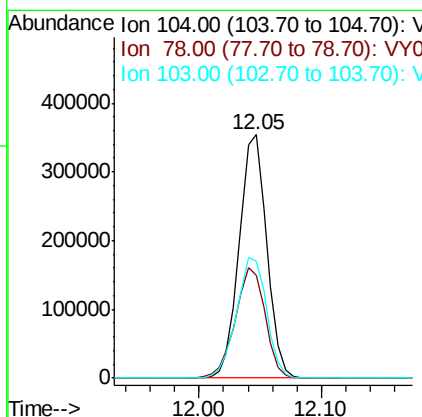
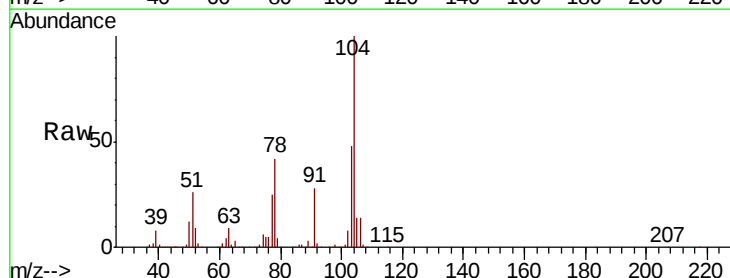
Manual Integrations
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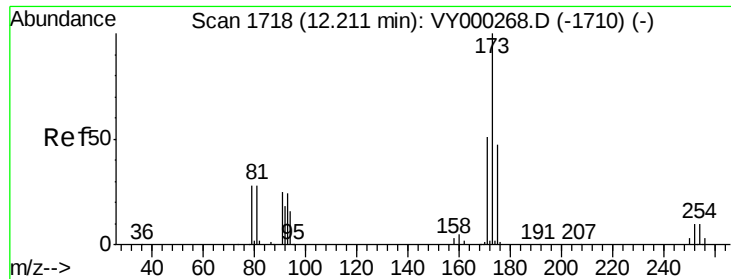
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#70
Styrene
Concen: 48.022 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.3	39.0	58.6	
103	54.2	43.1	64.7	





#71

Bromoform

Concen: 49.304 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 100545

Ion Ratio Lower Upper

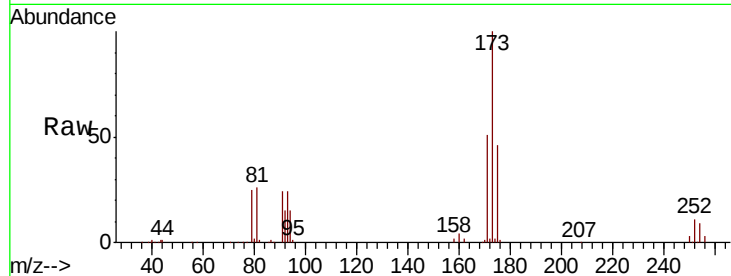
173 100

175 47.6 24.6 73.6

254 0.0 0.1 0.1#

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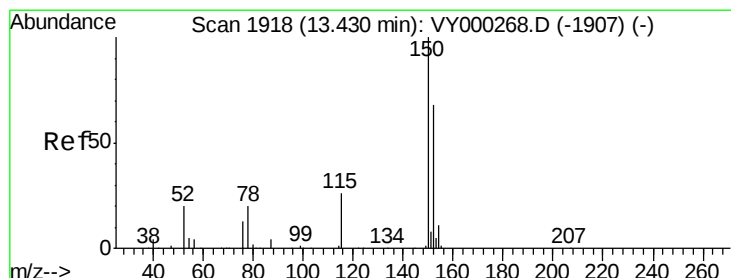
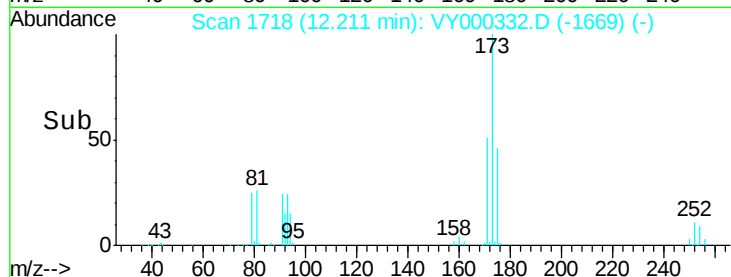
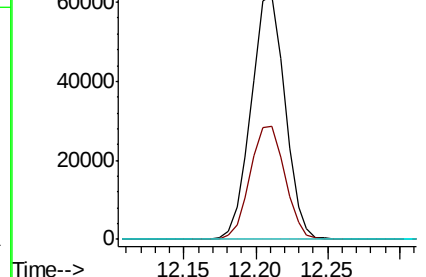
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

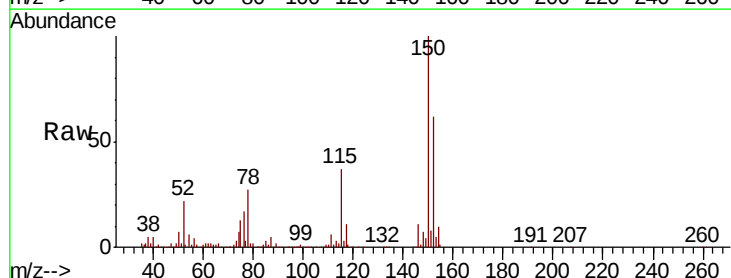
Tgt Ion:152 Resp: 235643

Ion Ratio Lower Upper

152 100

115 60.9 29.3 88.0

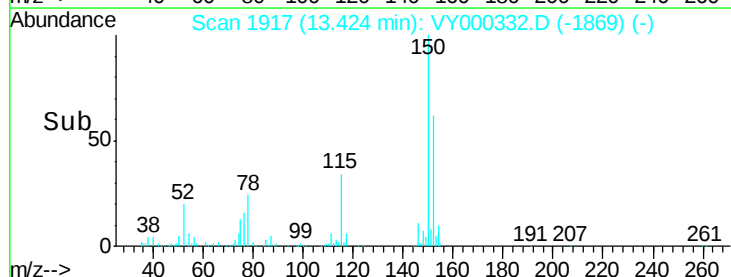
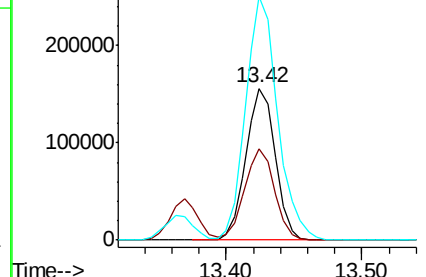
150 174.4 0.0 348.4

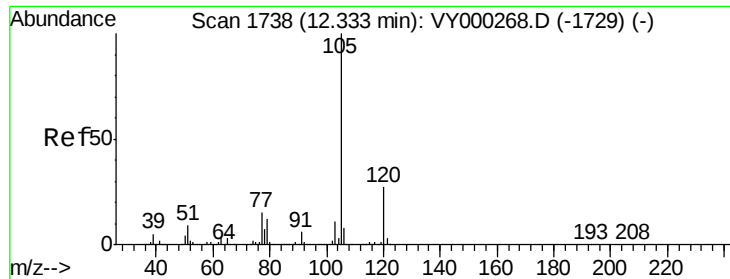


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.326 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 869558

Ion Ratio Lower Upper

105 100

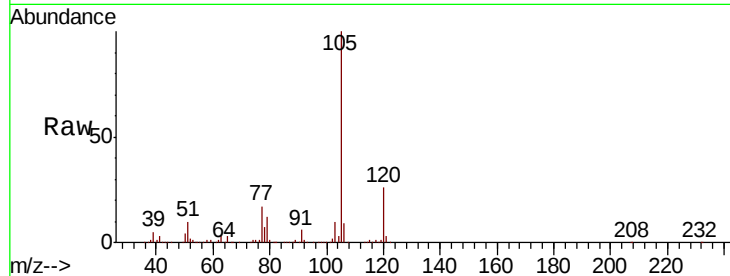
120 26.5 13.4 40.2

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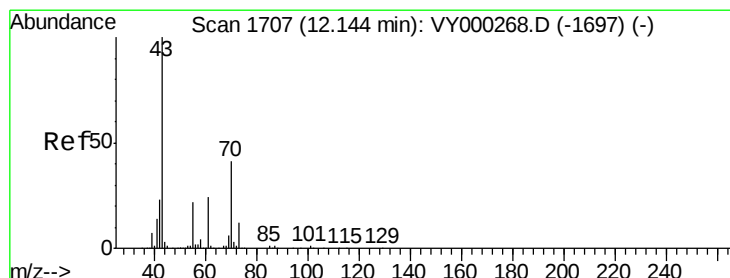
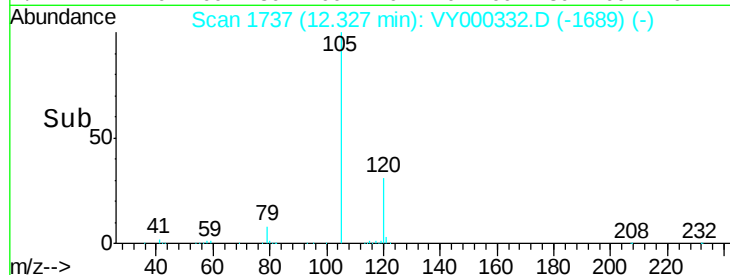
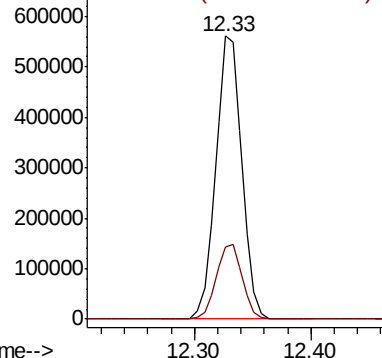
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.569 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion: 43 Resp: 268699

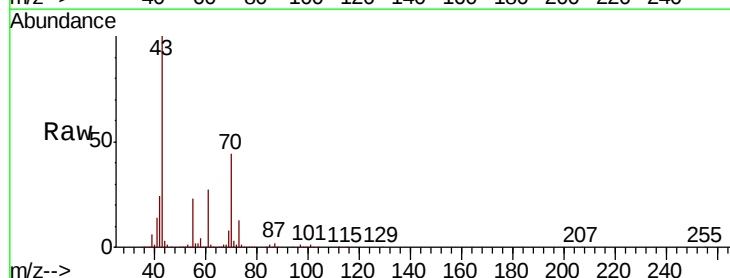
Ion Ratio Lower Upper

43 100

70 43.2 32.9 49.3

55 22.6 17.8 26.6

61 25.4 19.5 29.3

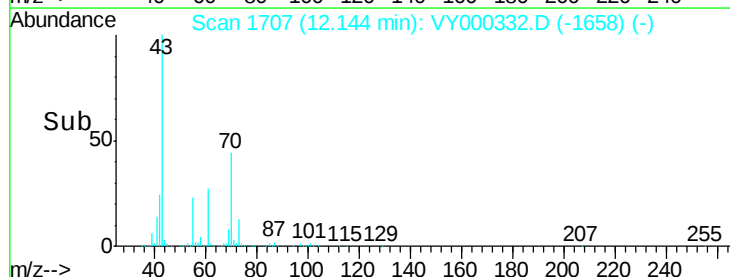
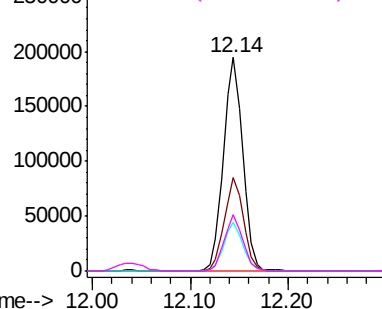


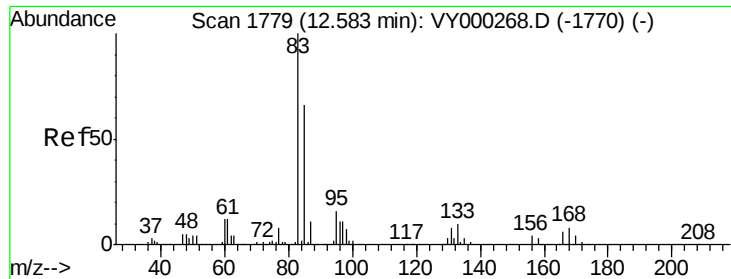
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





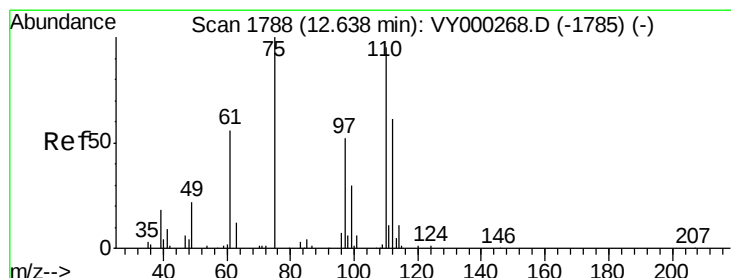
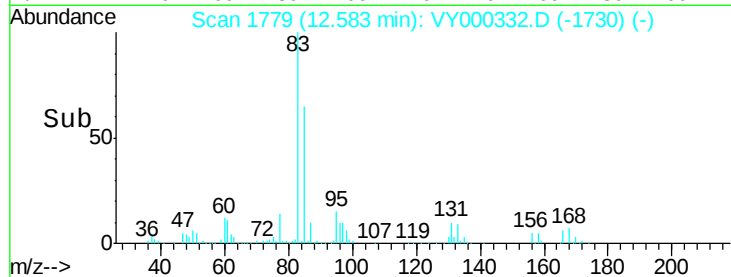
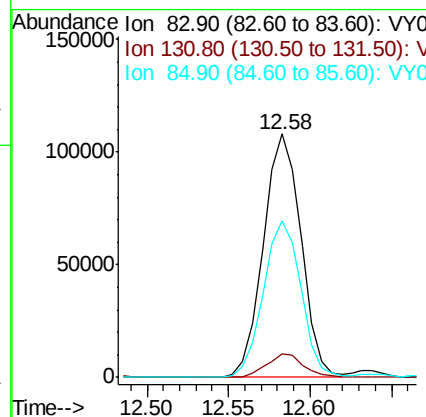
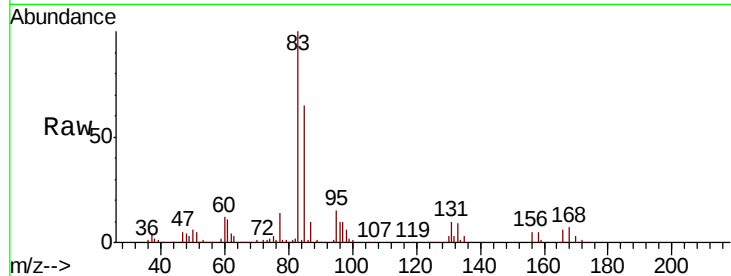
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.352 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.7	5.3	16.1	
85	64.2	32.9	98.7	

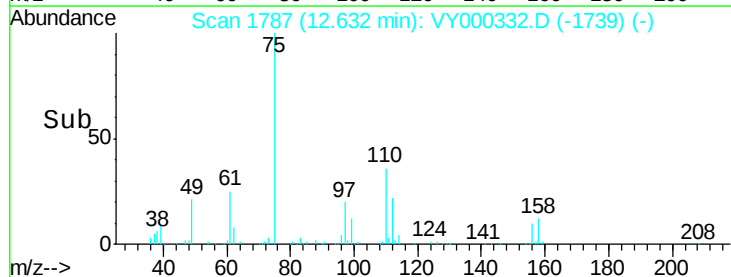
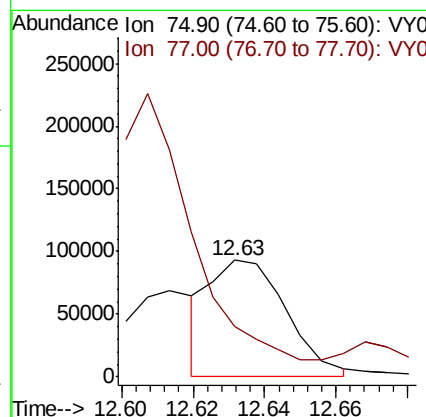
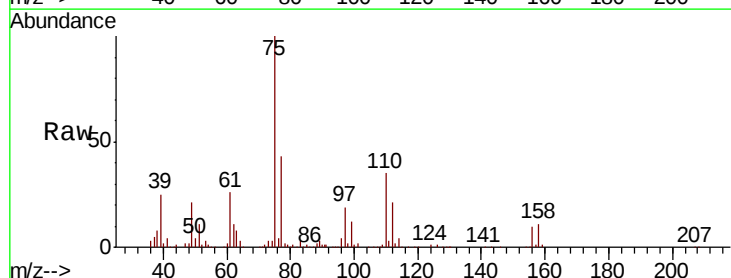
Manual Integrations
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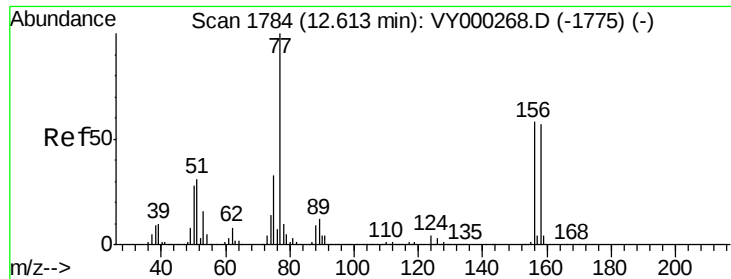
MMDadoda
 10/18/2019 12:50:42 AM



#76
 1,2,3-Trichloropropane
 Concen: 47.424 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

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





#77

Bromobenzene

Concen: 46.909 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 191792

Ion Ratio Lower Upper

156 100

77 203.4 101.0 302.9

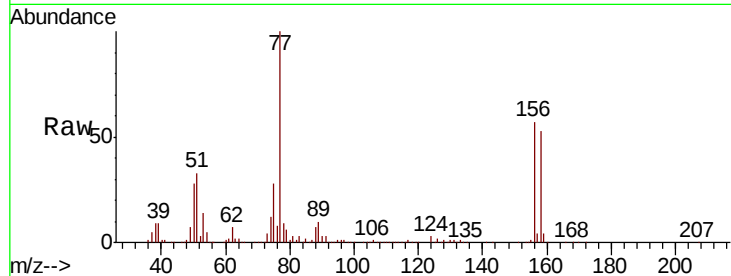
158 96.4 49.7 149.1

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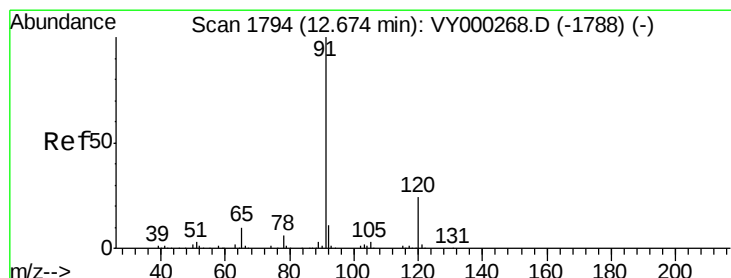
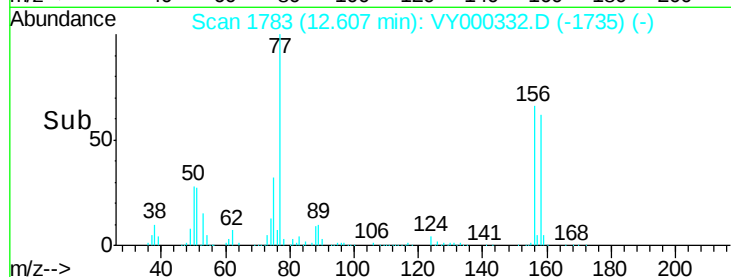
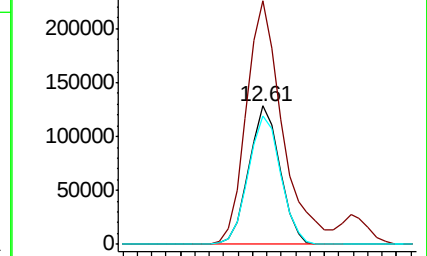
10/18/2019 12:50:42 AM



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: 48.008 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000332.D

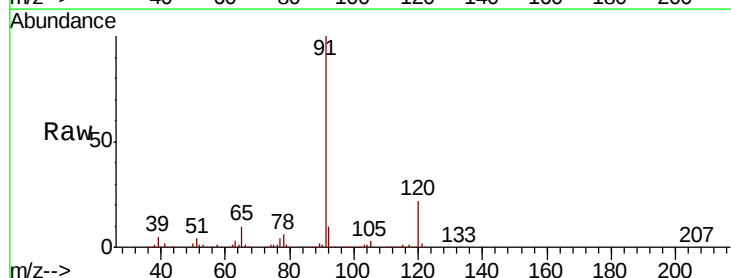
Acq: 16 Oct 2019 17:17

Tgt Ion: 91 Resp: 1059095

Ion Ratio Lower Upper

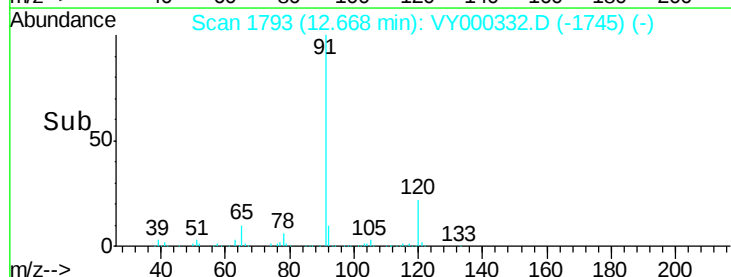
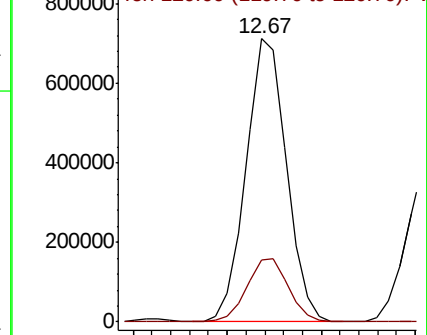
91 100

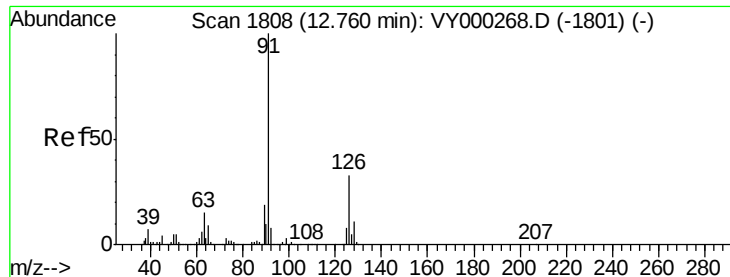
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





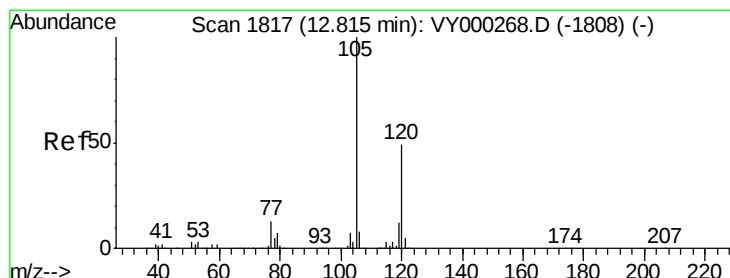
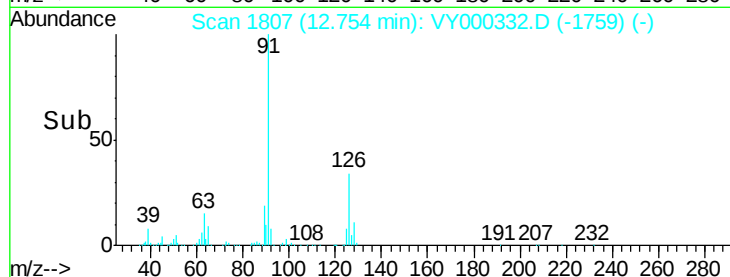
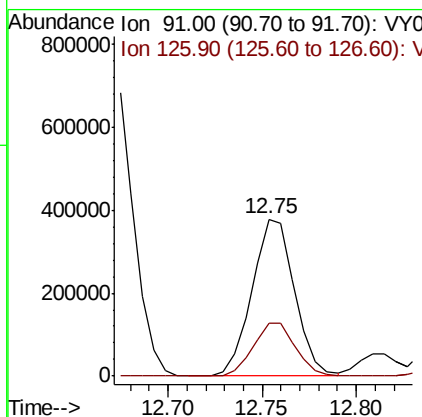
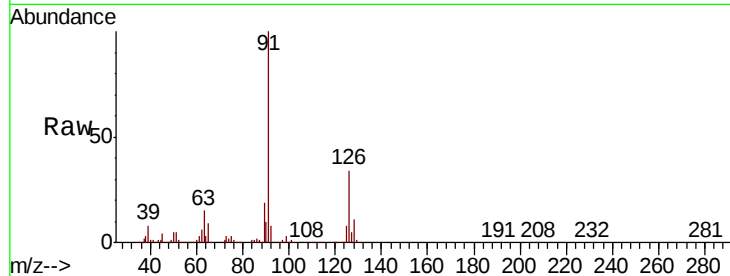
#79
2-Chlorotoluene
Concen: 48.492 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	33.9	17.1	51.3	

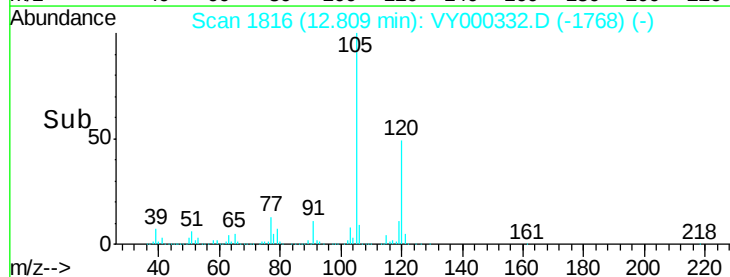
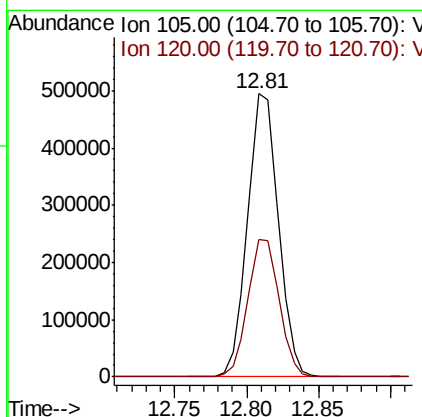
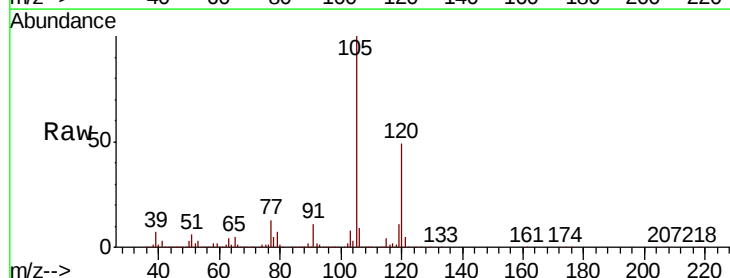
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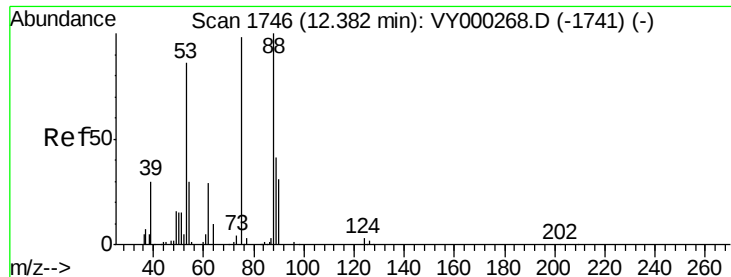
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 47.433 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	49.5	24.9	74.8	





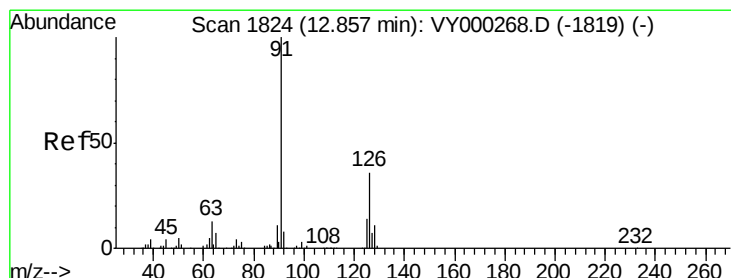
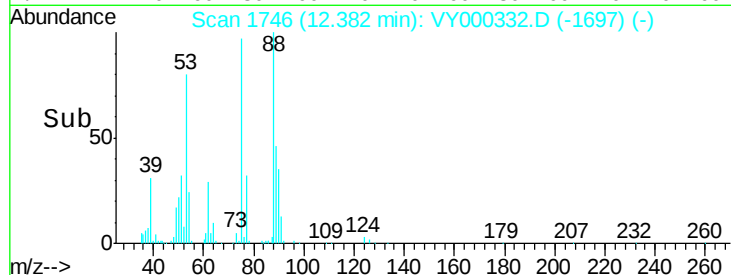
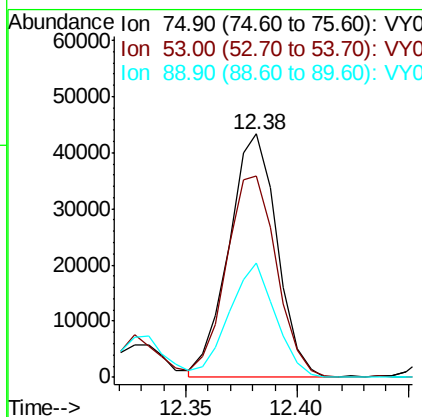
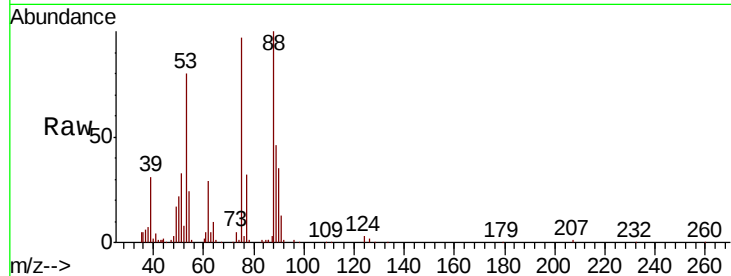
#81
trans-1,4-Dichloro-2-butene
Concen: 49.067 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	71.3	106.9
89	45.5	35.1	52.7

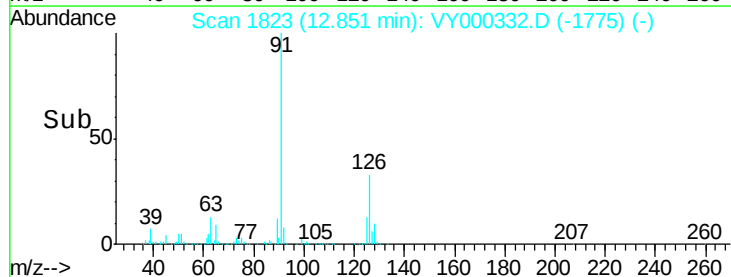
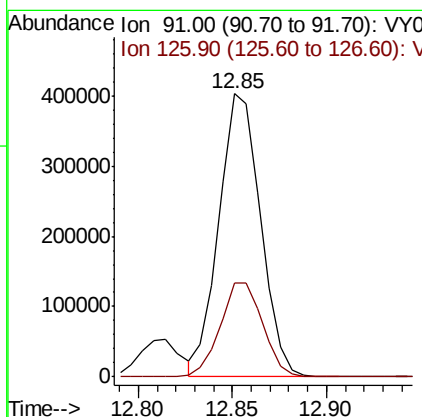
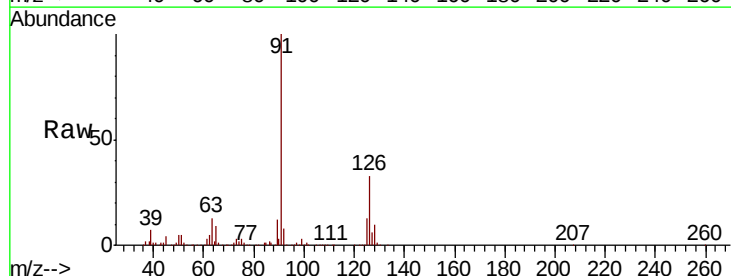
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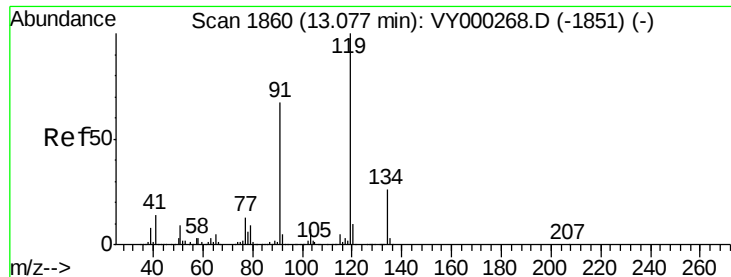
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#82
4-Chlorotoluene
Concen: 47.854 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.5





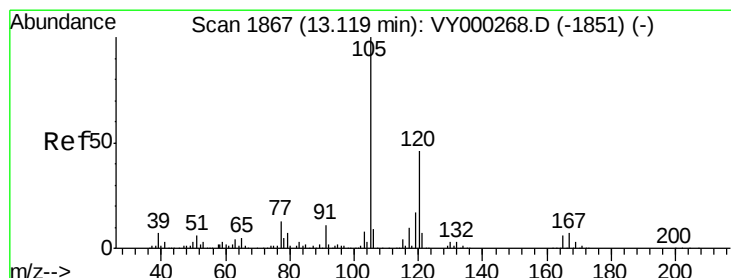
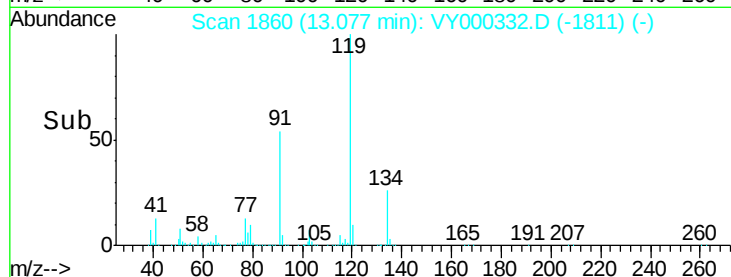
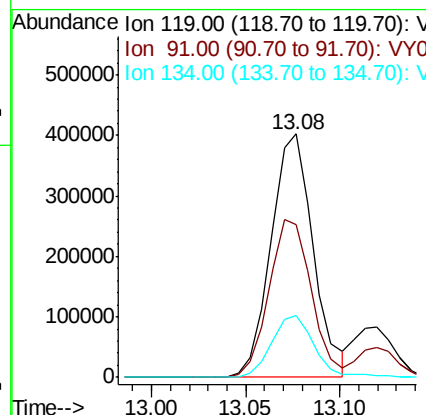
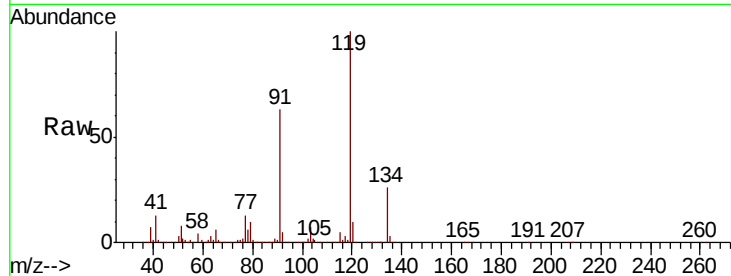
#83
tert-Butylbenzene
Concen: 47.933 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.9	98.7
134	26.0	13.3	39.8

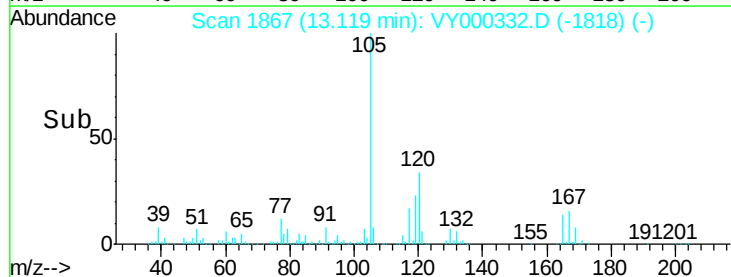
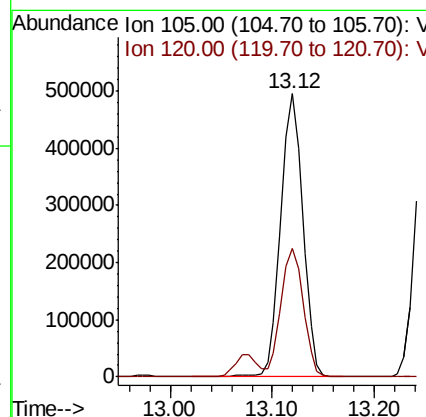
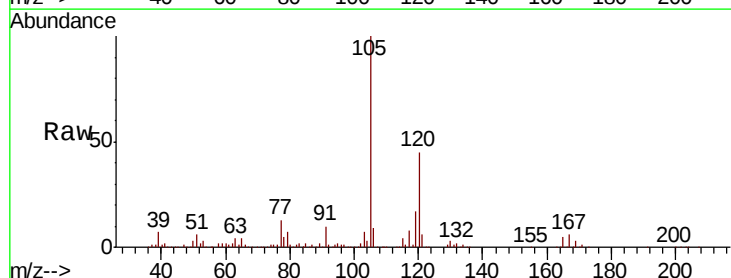
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#84
1,2,4-Trimethylbenzene
Concen: 48.777 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8





#85

sec-Butylbenzene

Concen: 48.166 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 909108

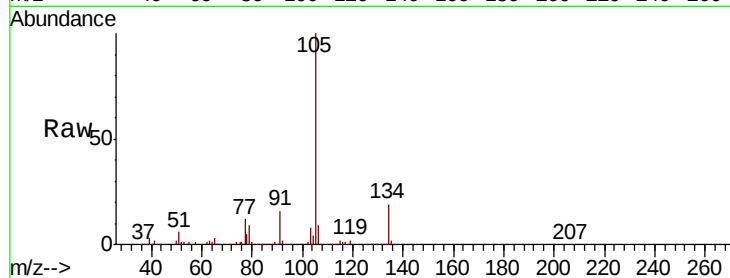
Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1

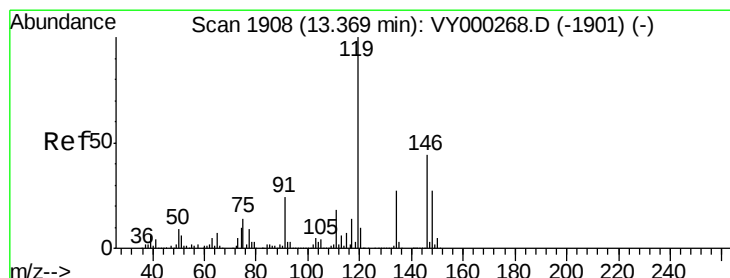
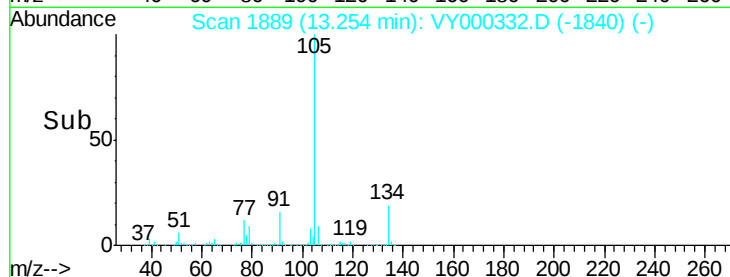
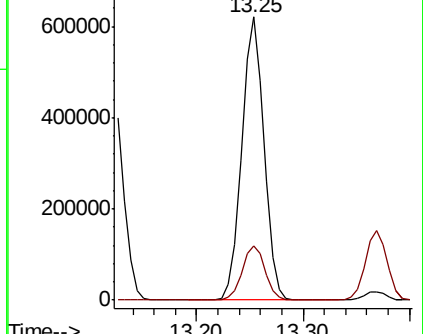
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

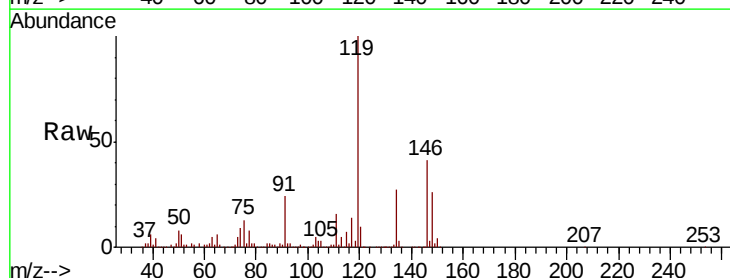
Tgt Ion:119 Resp: 806071

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

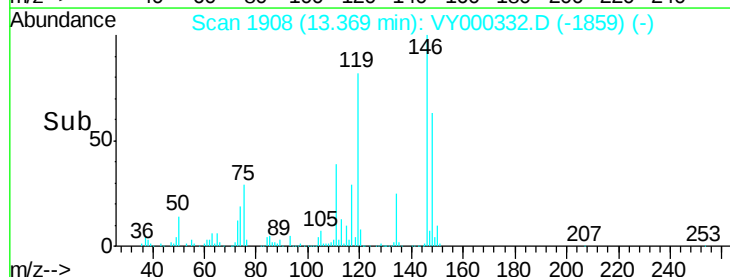
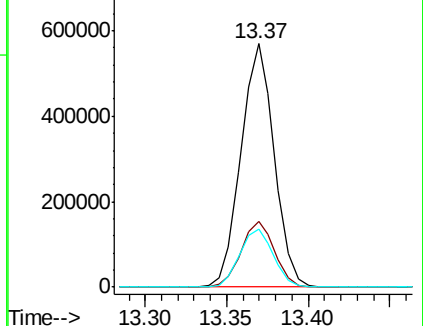
91 24.1 12.0 36.1

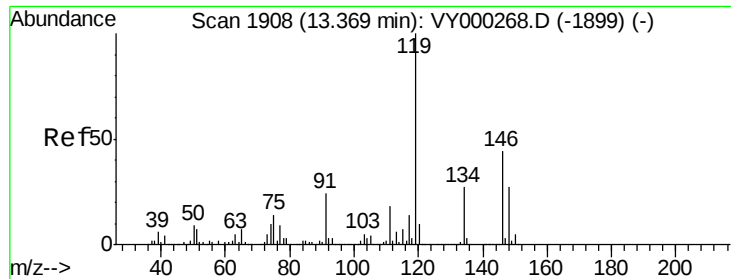


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





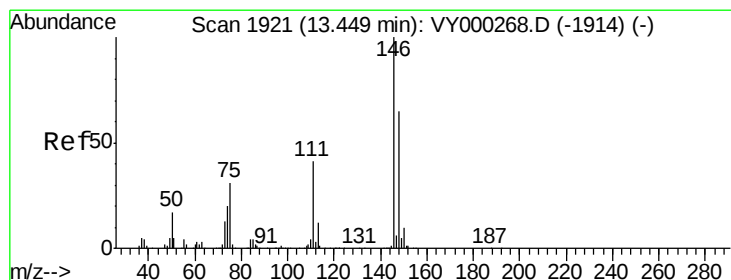
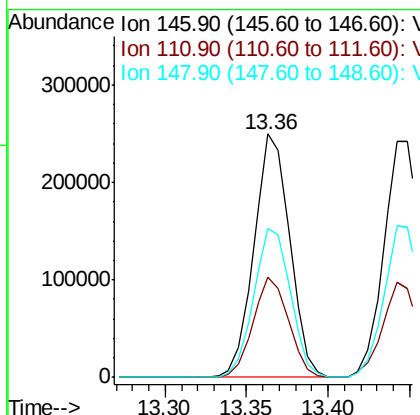
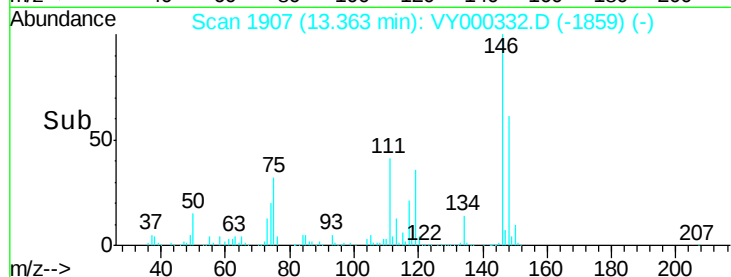
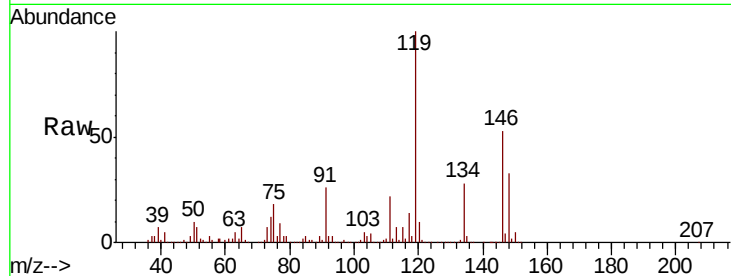
#87
 1,3-Dichlorobenzene
 Concen: 47.308 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.0	31.9	95.5

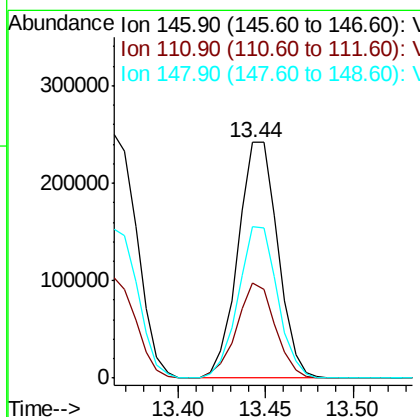
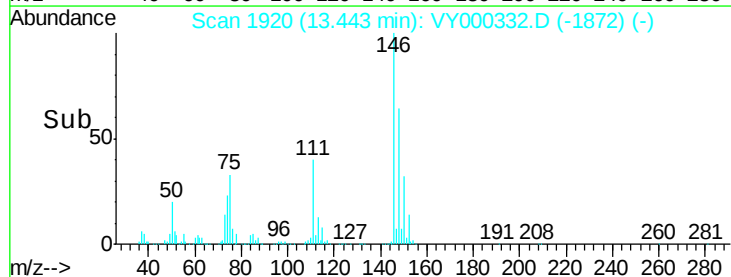
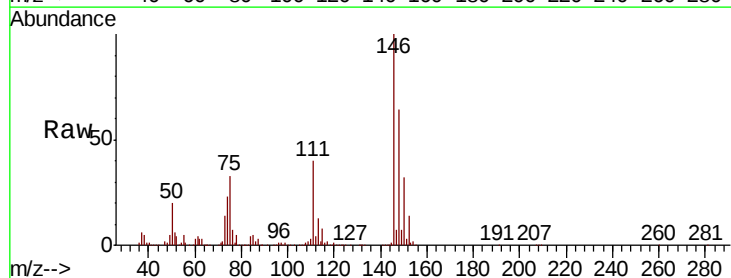
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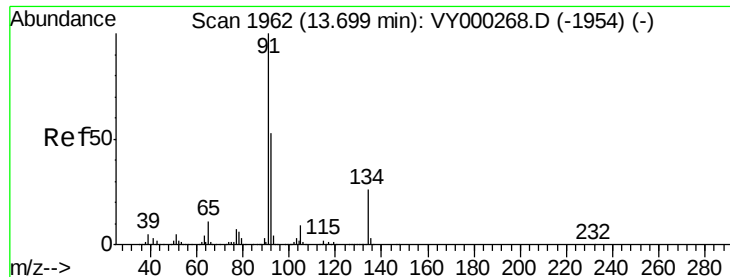
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#88
 1,4-Dichlorobenzene
 Concen: 47.539 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	63.2	32.4	97.2





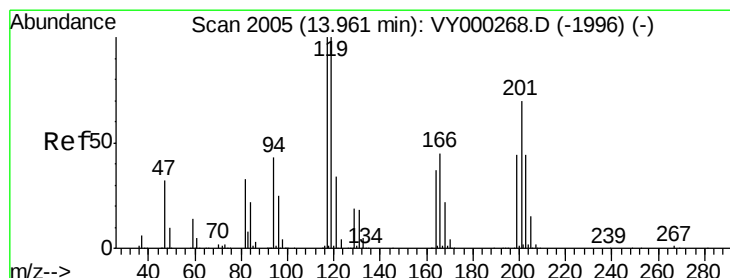
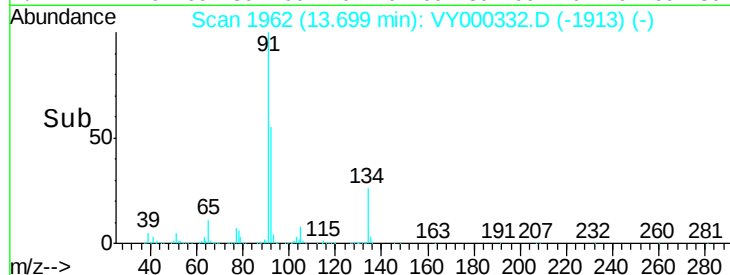
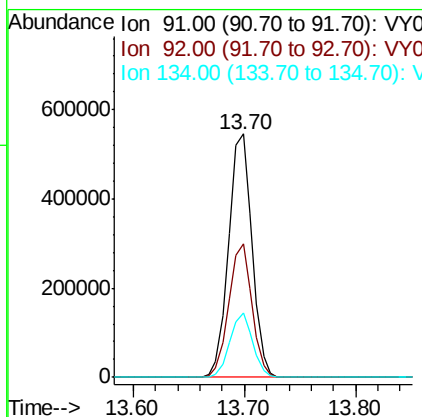
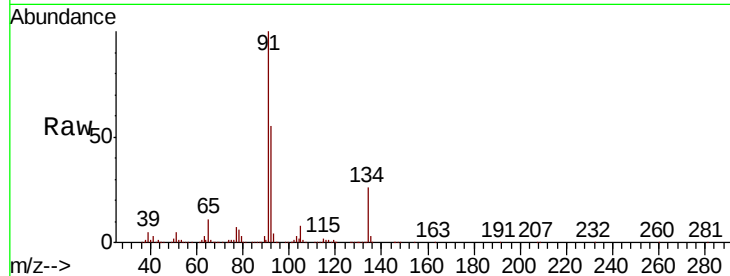
#89
n-Butylbenzene
Concen: 48.753 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.7	80.1
134	25.6	13.0	38.9

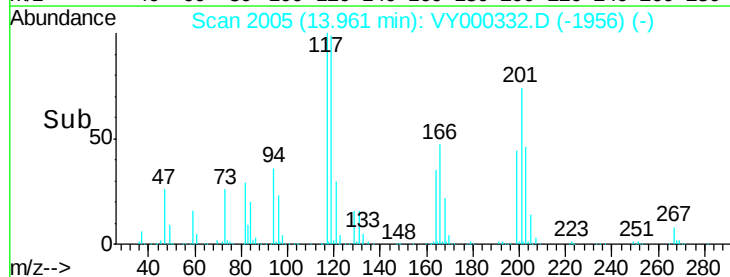
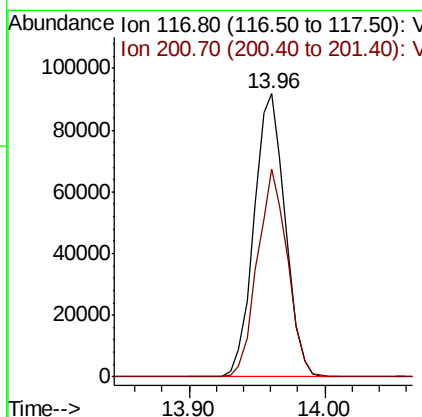
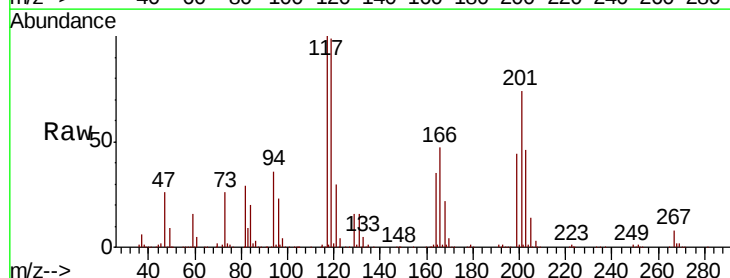
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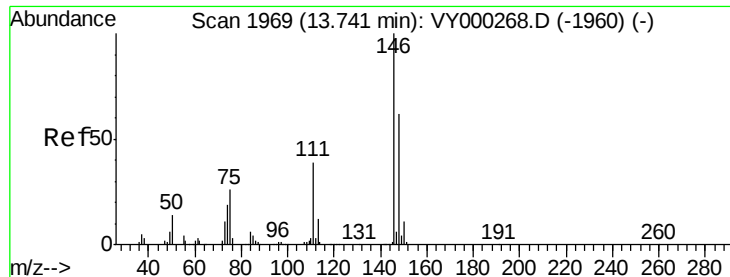
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#90
Hexachloroethane
Concen: 48.514 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	36.3	108.7





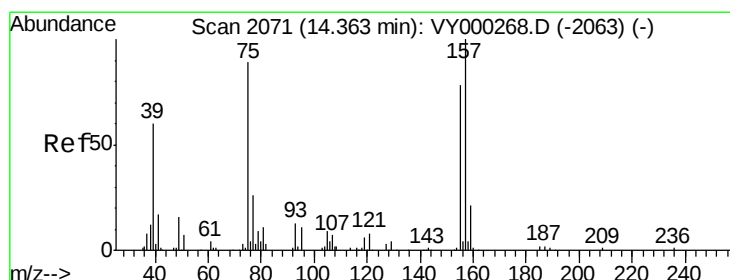
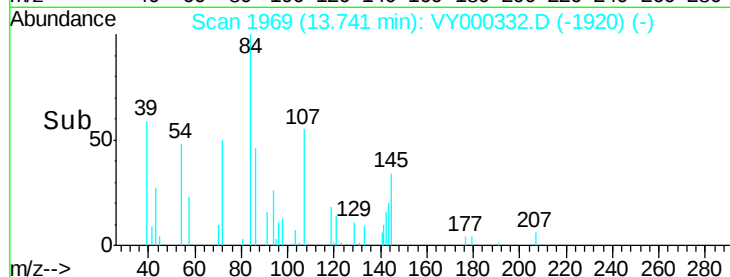
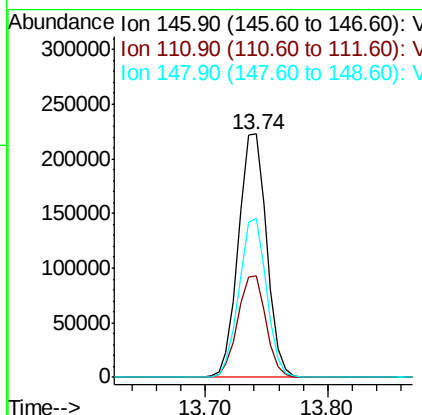
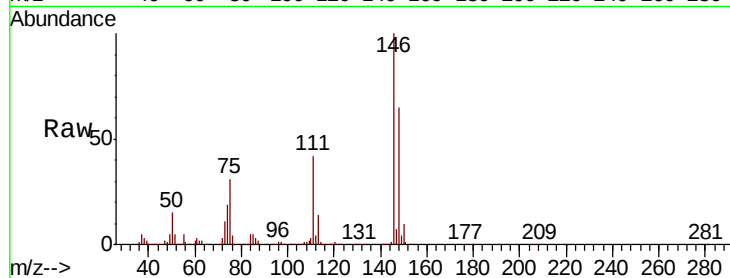
#91
 1,2-Dichlorobenzene
 Concen: 48.625 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.5	61.5
148	63.8	31.6	95.0

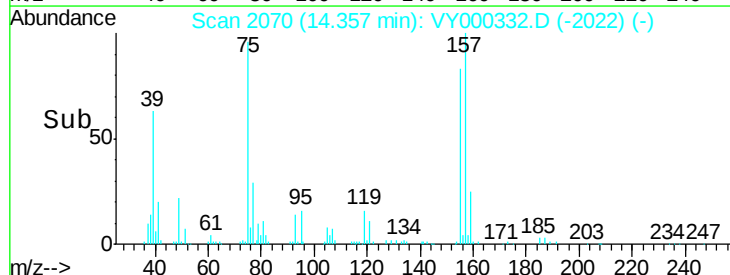
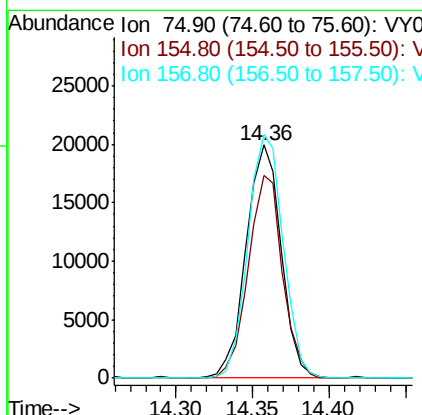
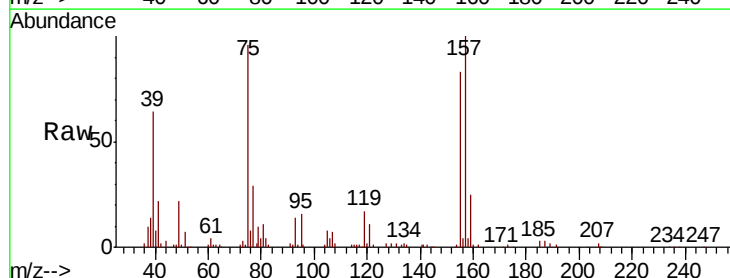
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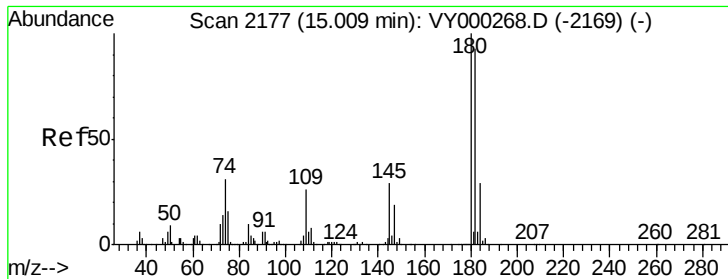
MMDadoda
 10/18/2019 12:50:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.714 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	45.8	137.3
157	104.4	55.6	166.9





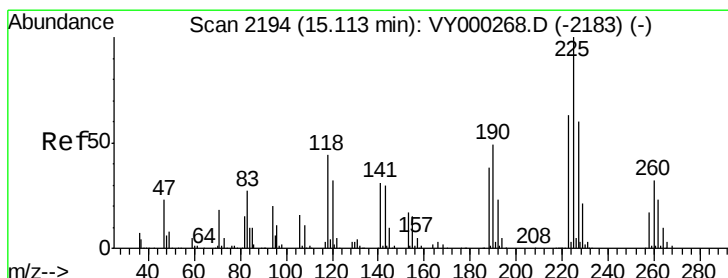
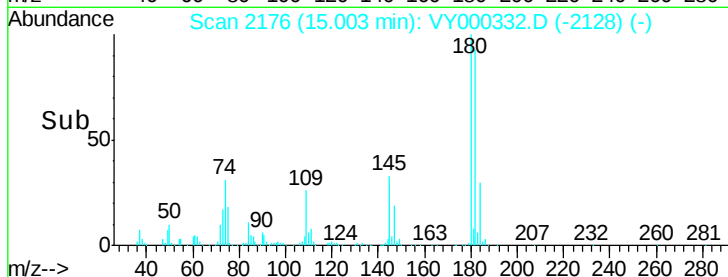
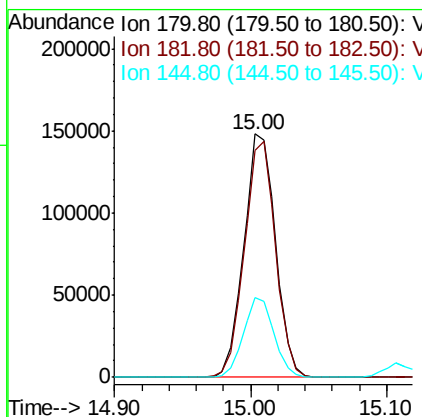
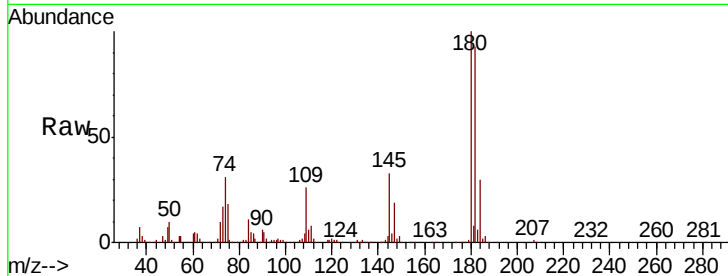
#93
 1,2,4-Trichlorobenzene
 Concen: 47.466 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	240924		
182	95.3	47.5	142.6	
145	31.5	15.4	46.1	

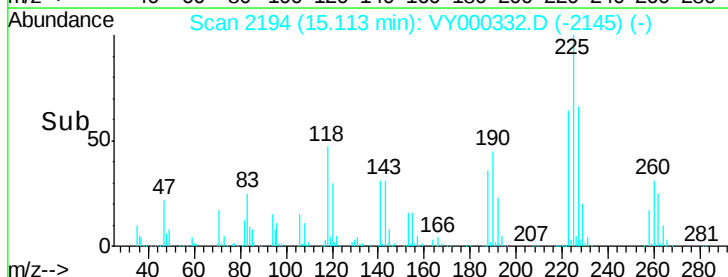
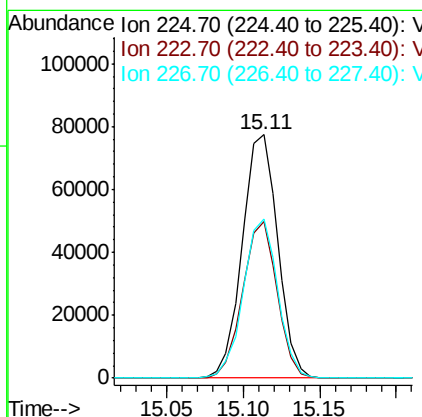
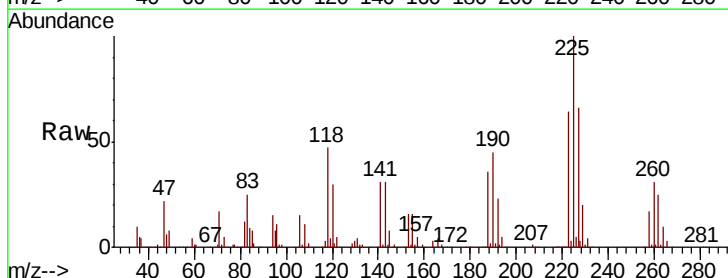
Manual Integrations
 APPROVED

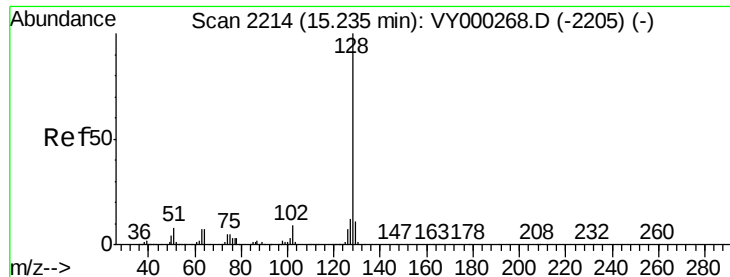
MMDadoda
 10/18/2019 12:50:42 AM



#94
 Hexachlorobutadiene
 Concen: 45.375 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124638		
223	62.4	31.9	95.7	
227	63.8	31.4	94.2	





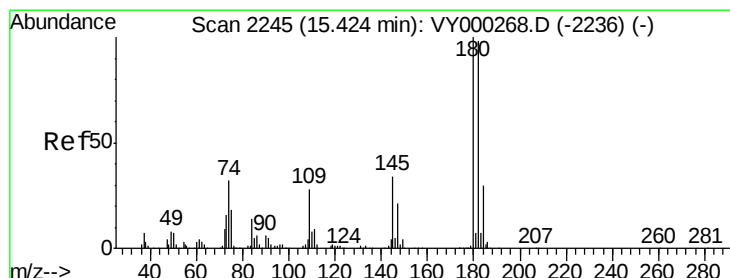
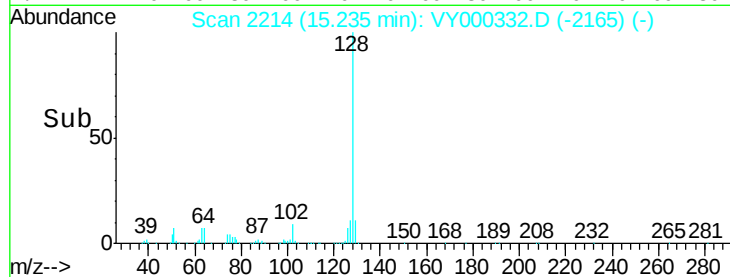
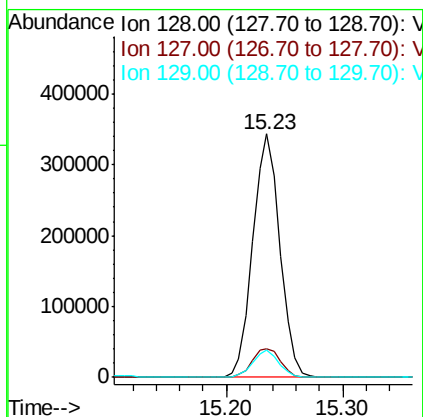
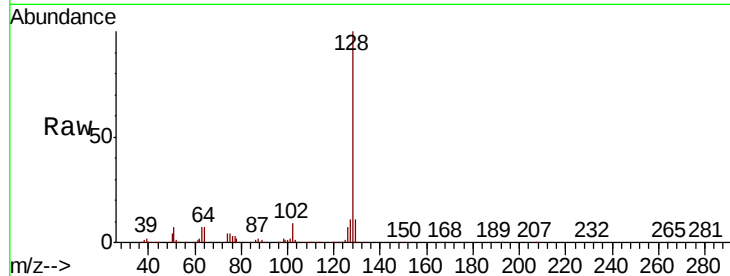
#95
Naphthalene
Concen: 49.044 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.5	9.6	14.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:50:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.381 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	46.5	139.5
145	31.3	16.2	48.5

