

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000463.D
 Acq On : 29 Oct 2019 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:59:43 AM

Quant Time: Oct 30 06:33:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	330636	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	308829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155864	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	117658	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.72	113	106495	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.18	98	423568	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.48	95	153624	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	62193	37.775	ug/l	97
3) Chloromethane	2.11	50	113741	45.915	ug/l	99
4) Vinyl Chloride	2.25	62	105933	42.373	ug/l	99
5) Bromomethane	2.65	94	67509	36.436	ug/l	94
6) Chloroethane	2.79	64	76265	47.279	ug/l	99
7) Trichlorofluoromethane	3.13	101	166445	48.672	ug/l	97
8) Diethyl Ether	3.53	74	62821	52.000	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	103329	49.823	ug/l	99
10) Methyl Iodide	4.09	142	113360	38.650	ug/l	99
11) Tert butyl alcohol	4.97	59	54438	243.261	ug/l	99
12) 1,1-Dichloroethene	3.87	96	100179	48.929	ug/l	95
13) Acrolein	3.74	56	48097	183.322	ug/l	100
14) Allyl chloride	4.48	41	172333	50.792	ug/l	99
15) Acrylonitrile	5.17	53	174987	258.782	ug/l	98
16) Acetone	3.95	43	196858	284.271	ug/l	99
17) Carbon Disulfide	4.19	76	264902	41.093	ug/l	98
18) Methyl Acetate	4.48	43	85547	49.719	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	304138	53.361	ug/l	98
20) Methylene Chloride	4.72	84	119482	51.355	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	113227	48.202	ug/l	91
22) Diisopropyl ether	6.13	45	396006	55.183	ug/l	99
23) Vinyl Acetate	6.07	43	1266149	270.449	ug/l	98
24) 1,1-Dichloroethane	6.02	63	200845	51.275	ug/l	98
25) 2-Butanone	7.00	43	286331	293.518	ug/l	97
26) 2,2-Dichloropropane	6.99	77	190481	52.774	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	133634	52.574	ug/l	99
28) Bromochloromethane	7.34	49	88206	52.456	ug/l	100
29) Tetrahydrofuran	7.36	42	155217	262.546	ug/l	99
30) Chloroform	7.52	83	212722	53.926	ug/l	96
31) Cyclohexane	7.79	56	186716	45.639	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	188492	53.747	ug/l	98
36) 1,1-Dichloropropene	7.92	75	159662	49.322	ug/l	99
37) Ethyl Acetate	7.08	43	100821	52.599	ug/l	97
38) Carbon Tetrachloride	7.91	117	166884	53.244	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	205438	48.489	ug/l	93
40) Benzene	8.17	78	481808	51.503	ug/l	98
41) Methacrylonitrile	7.32	41	40815m	44.734	ug/l	
42) 1,2-Dichloroethane	8.24	62	141639	53.004	ug/l	99
43) Isopropyl Acetate	8.28	43	202046	55.437	ug/l	99
44) Trichloroethene	8.94	130	130138	49.579	ug/l	94
45) 1,2-Dichloropropane	9.22	63	123815	53.932	ug/l	98
46) Dibromomethane	9.31	93	70044	54.579	ug/l	96
47) Bromodichloromethane	9.50	83	168887	55.840	ug/l	95
48) Methyl methacrylate	9.30	41	86344	54.058	ug/l	98
49) 1,4-Dioxane	9.30	88	19596	1018.376	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	546502	290.727	ug/l	100
52) Toluene	10.25	92	308987	52.023	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	181399	55.964	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	201155	54.647	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	100234	53.717	ug/l	98
56) Ethyl methacrylate	10.51	69	151315	56.892	ug/l	99
57) 1,3-Dichloropropane	10.79	76	181416	56.612	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	324350	305.743	ug/l	98
59) 2-Hexanone	10.83	43	429095	325.209	ug/l	99
60) Dibromochloromethane	10.99	129	119339	57.702	ug/l	97
61) 1,2-Dibromoethane	11.09	107	97742	54.555	ug/l	99
64) Tetrachloroethene	10.72	164	132843	45.183	ug/l	99
65) Chlorobenzene	11.52	112	333389	51.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	120278	52.534	ug/l	98
67) Ethyl Benzene	11.59	91	620640	51.368	ug/l	99
68) m/p-Xylenes	11.70	106	469709	101.694	ug/l	100
69) o-Xylene	12.03	106	227665	51.669	ug/l	98
70) Styrene	12.05	104	391474	52.681	ug/l	100
71) Bromoform	12.20	173	74628	56.701	ug/l #	99
73) Isopropylbenzene	12.33	105	610619	50.243	ug/l	98
74) N-amyl acetate	12.14	43	185693	62.238	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	127200	55.744	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	93209m	48.633	ug/l	
77) Bromobenzene	12.61	156	137289	50.765	ug/l	98
78) n-propylbenzene	12.67	91	740902	50.775	ug/l	100
79) 2-Chlorotoluene	12.75	91	411091	51.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	518538	50.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	46440	53.015	ug/l	98
82) 4-Chlorotoluene	12.85	91	431878	50.700	ug/l	99
83) tert-Butylbenzene	13.07	119	447426	51.845	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	521149	51.815	ug/l	99
85) sec-Butylbenzene	13.25	105	639169	51.197	ug/l	99
86) p-Isopropyltoluene	13.37	119	573928	52.731	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	277211	52.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	277205	52.049	ug/l	98
89) n-Butylbenzene	13.69	91	559390	52.009	ug/l	99
90) Hexachloroethane	13.96	117	108773	53.970	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	256729	53.240	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23102	53.382	ug/l	92

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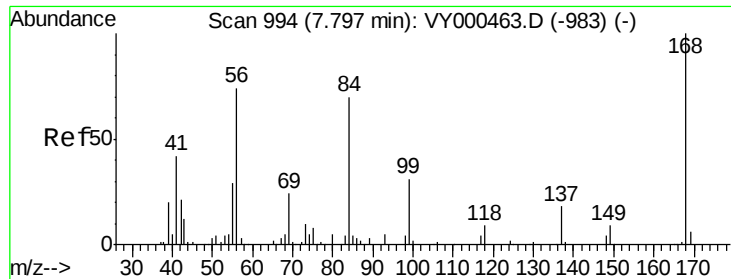
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	172695	51.438	ug/l	98
94) Hexachlorobutadiene	15.11	225	87910	48.385	ug/l	99
95) Naphthalene	15.23	128	386068	51.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	153942	50.877	ug/l	97

(#) = 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: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 202721

Ion Ratio Lower Upper

168 100

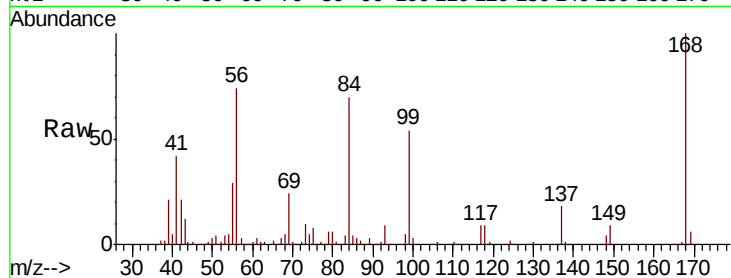
99 53.8 46.6 69.8

Manual Integrations

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10/30/2019 10:59:43 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000463.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000463.D (-983) (-)

7.80

100000

80000

60000

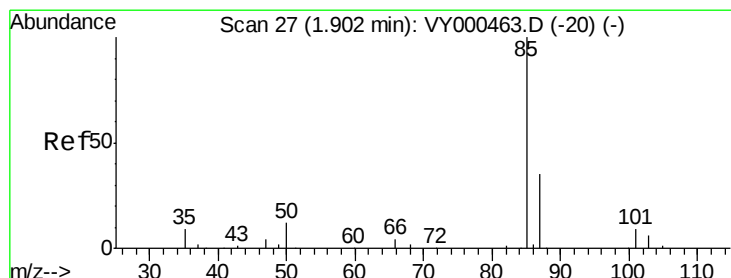
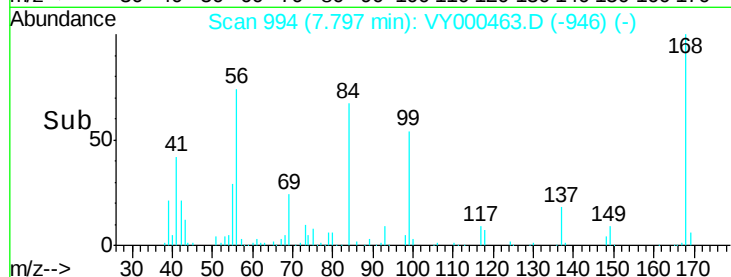
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 37.775 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000463.D

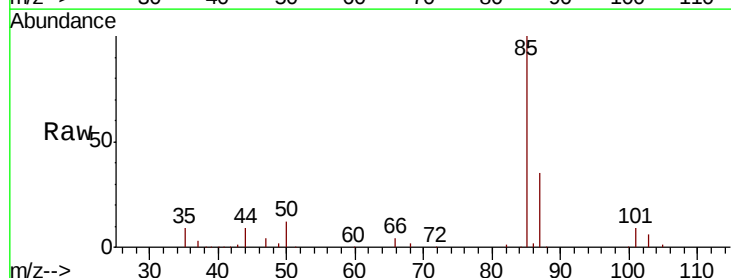
Acq: 29 Oct 2019 10:27

Tgt Ion: 85 Resp: 62193

Ion Ratio Lower Upper

85 100

87 34.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000463.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000463.D (-20) (-)

1.90

40000

30000

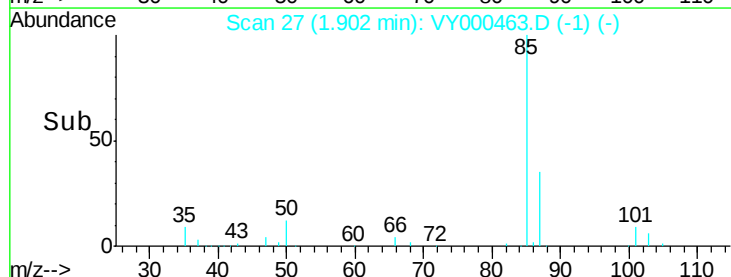
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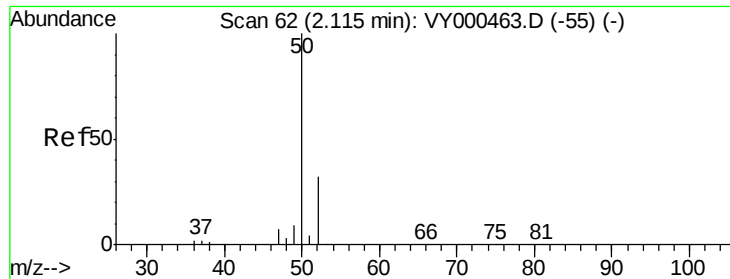
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.915 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 113741

Ion Ratio Lower Upper

50 100

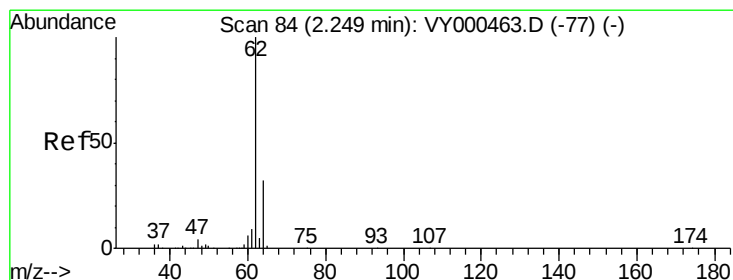
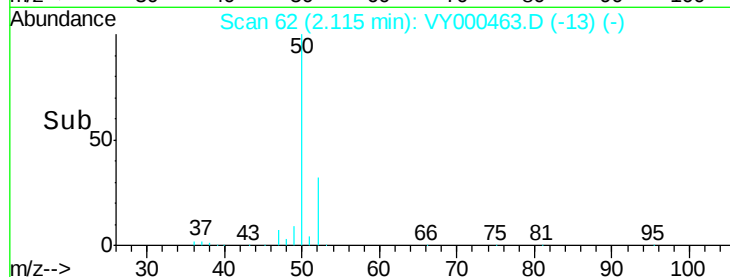
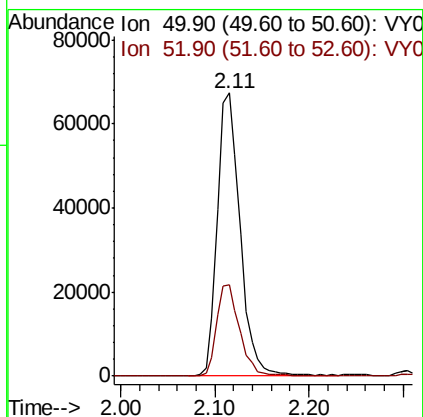
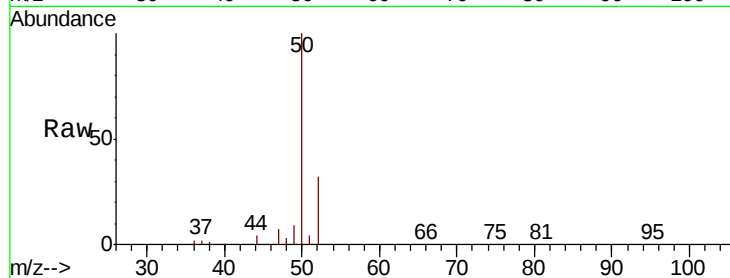
52 32.2 25.3 37.9

Manual Integrations

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10/30/2019 10:59:43 AM



#4

Vinyl Chloride

Concen: 42.373 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000463.D

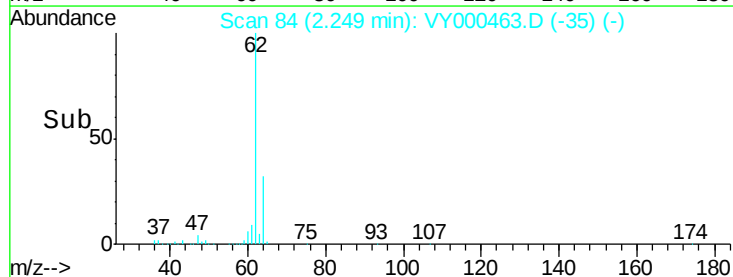
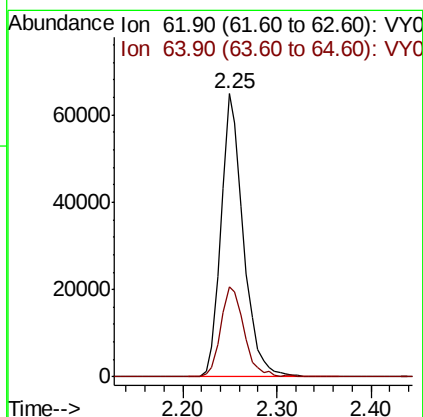
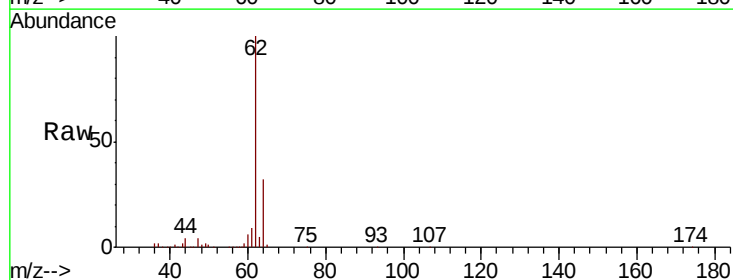
Acq: 29 Oct 2019 10:27

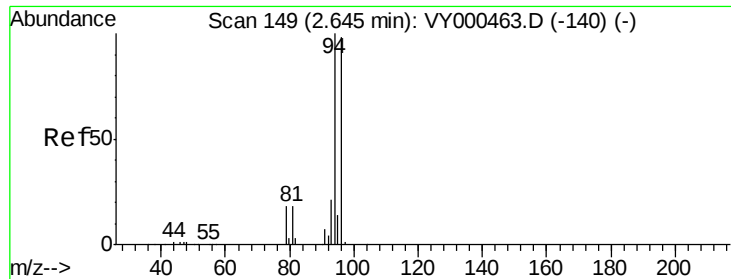
Tgt Ion: 62 Resp: 105933

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 36.436 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67509

Ion Ratio Lower Upper

94 100

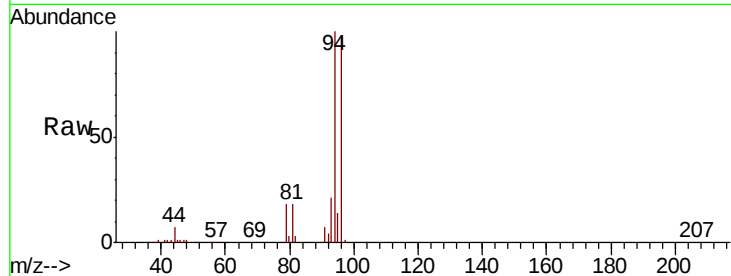
96 98.2 74.2 111.2

Manual Integrations

APPROVED

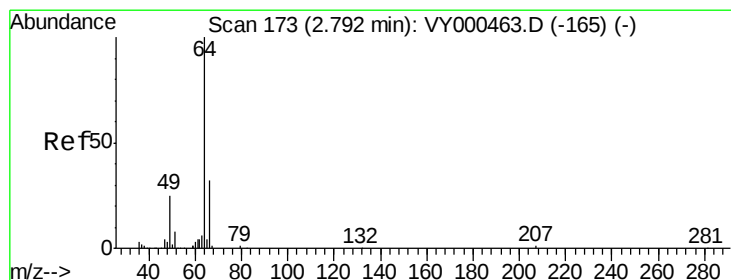
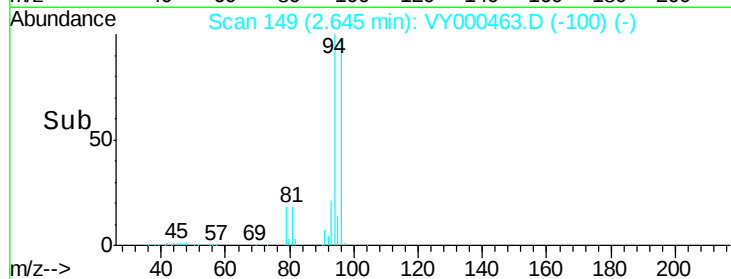
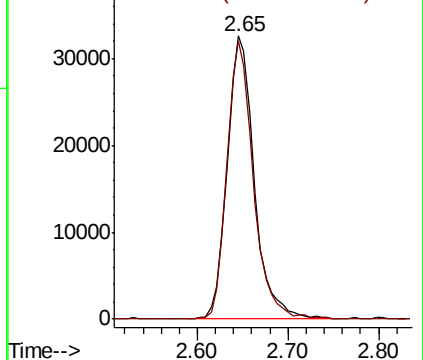
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10/30/2019 10:59:43 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.279 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000463.D

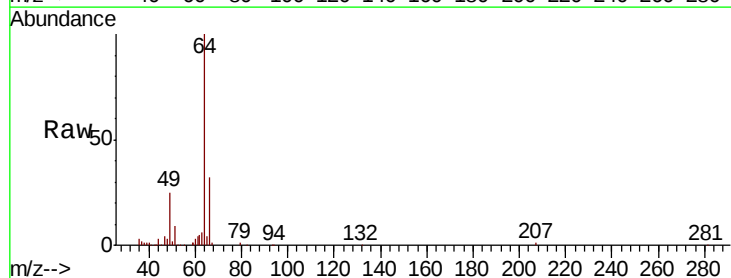
Acq: 29 Oct 2019 10:27

Tgt Ion: 64 Resp: 76265

Ion Ratio Lower Upper

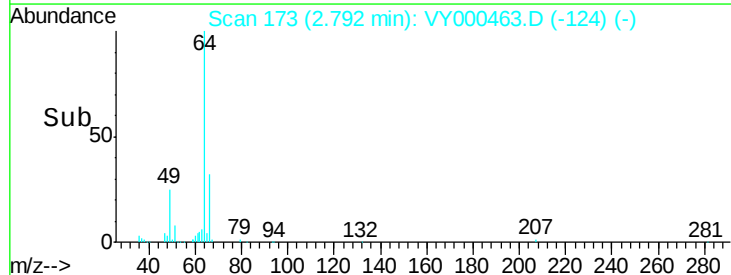
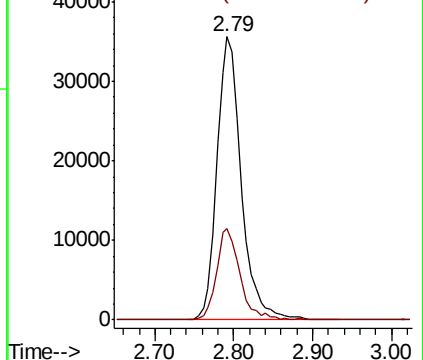
64 100

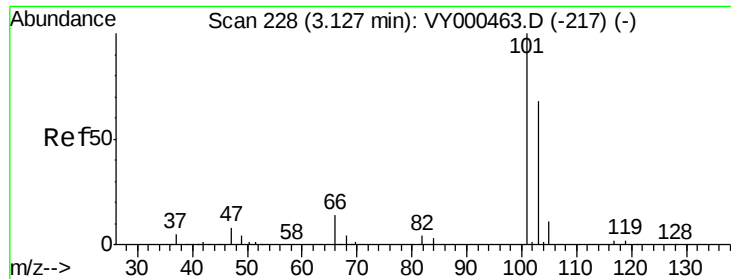
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

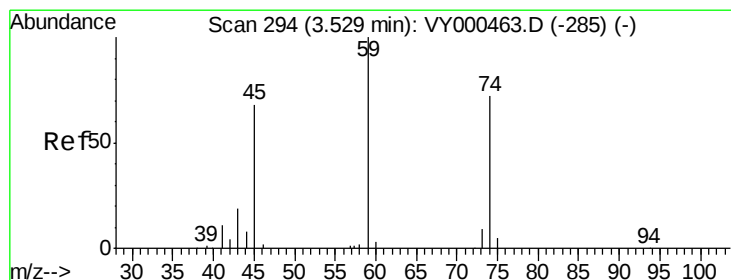
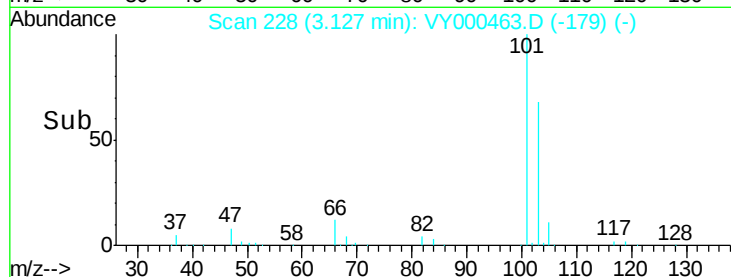
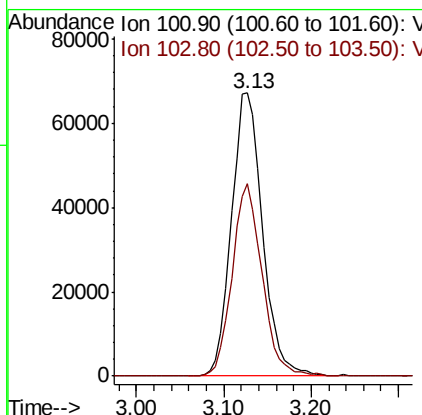
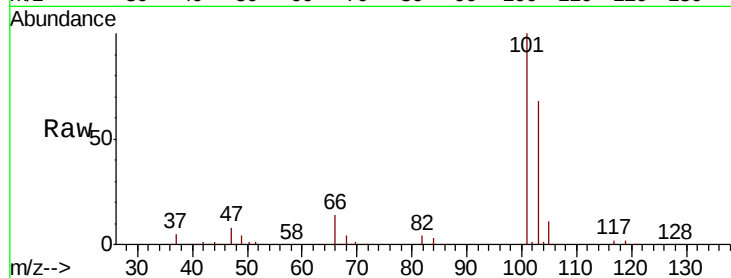
Trichlorofluoromethane
Concen: 48.672 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	52.2	78.4

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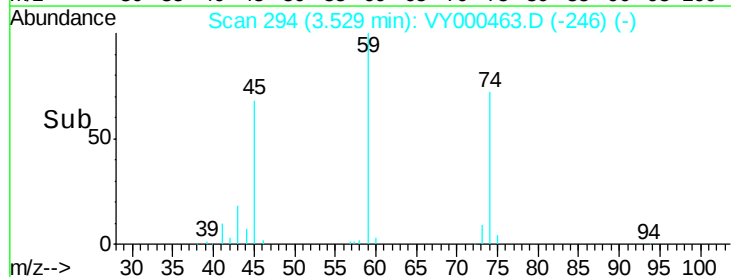
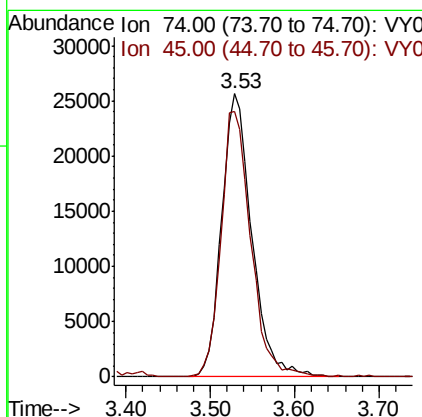
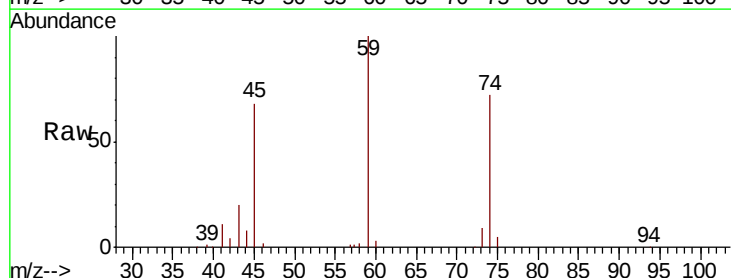
MMDadoda
10/30/2019 10:59:43 AM

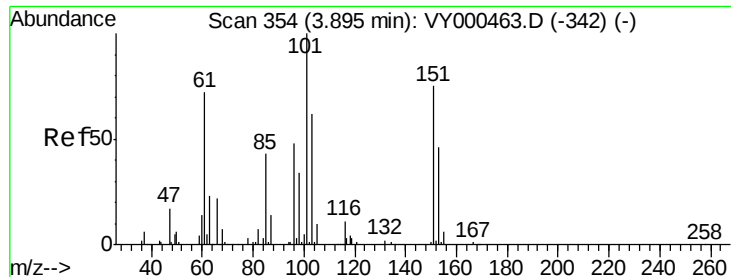


#8

Diethyl Ether
Concen: 52.000 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.823 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

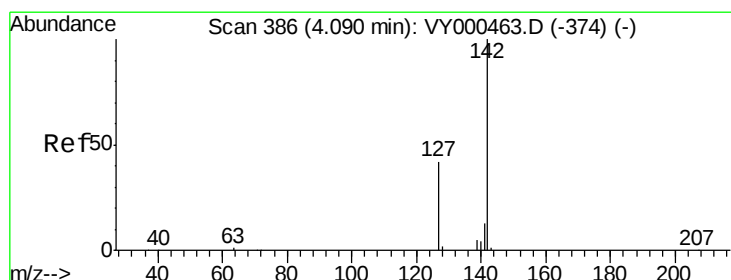
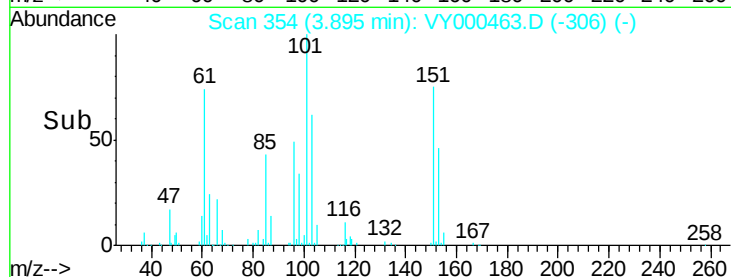
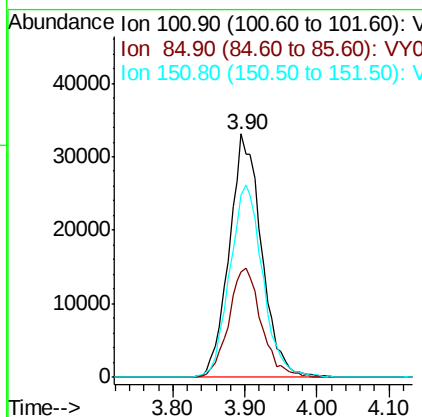
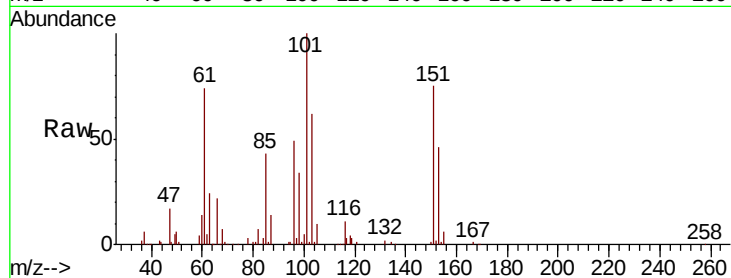
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103329
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.6	55.0
151	80.3	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 38.650 ug/l

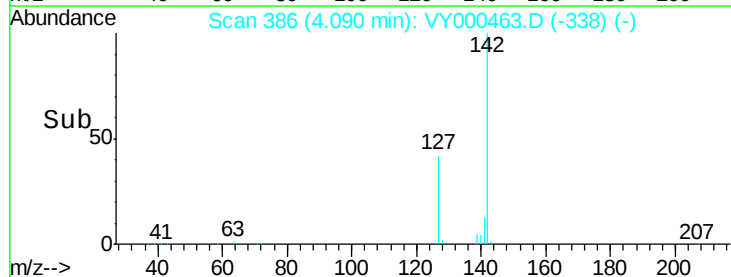
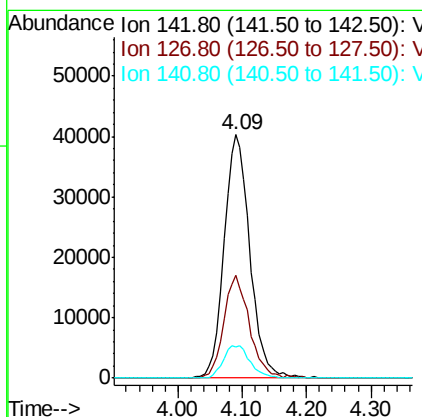
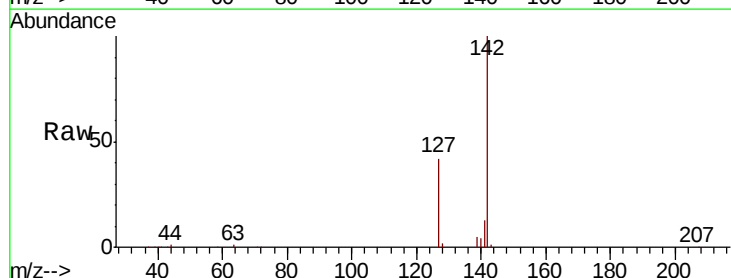
RT: 4.09 min Scan# 386

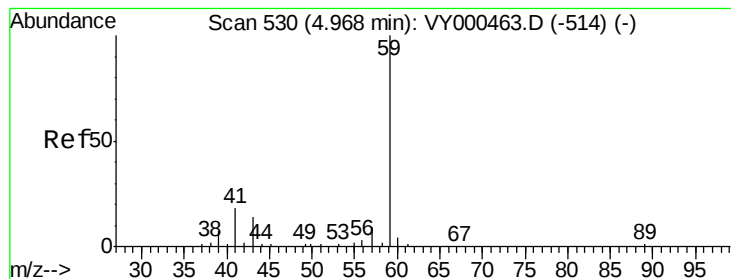
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion:	142	Resp:	113360
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.9	50.9
141	13.9	11.2	16.8





#11

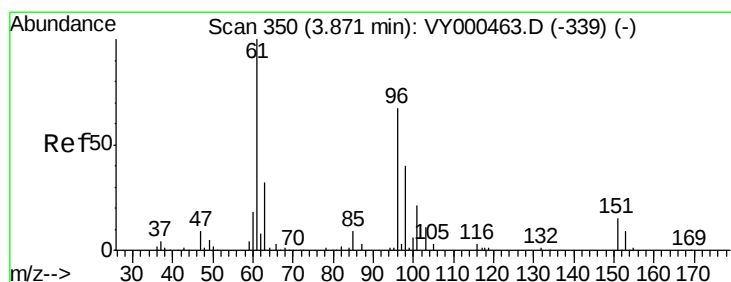
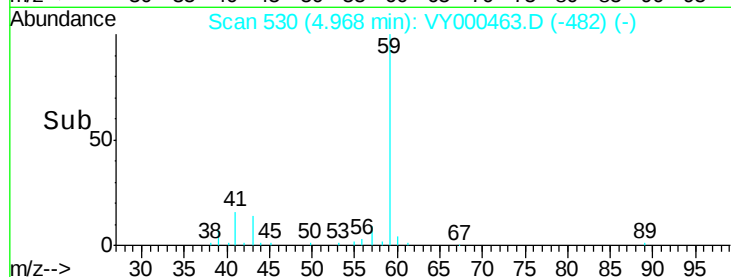
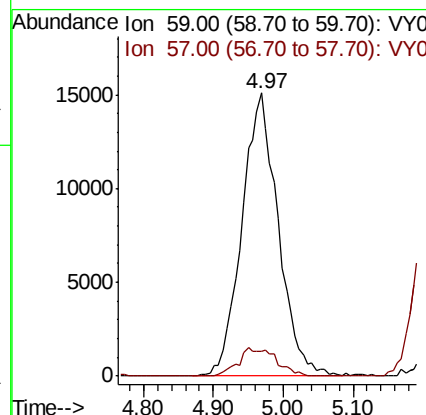
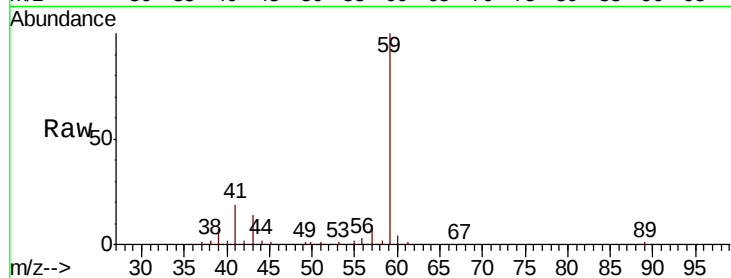
Tert butyl alcohol
Concen: 243.261 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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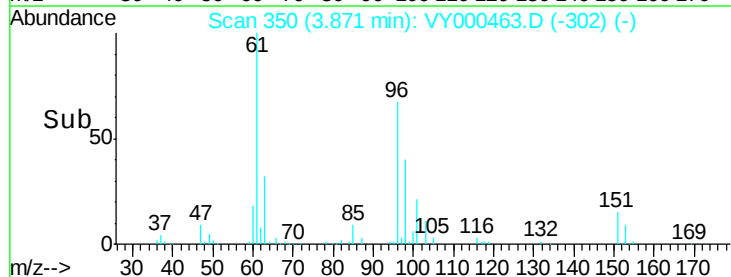
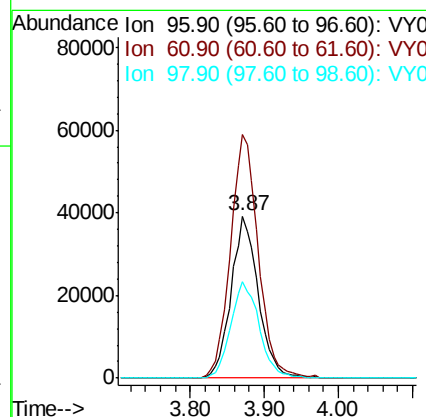
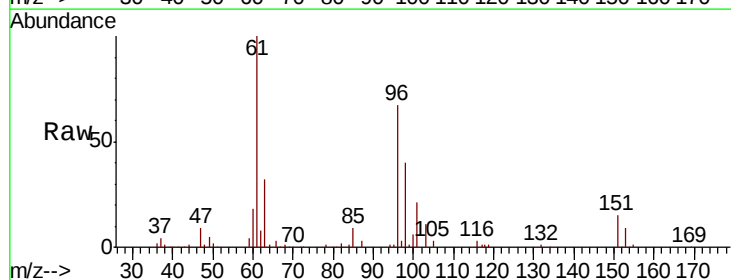
MMDadoda
10/30/2019 10:59:43 AM

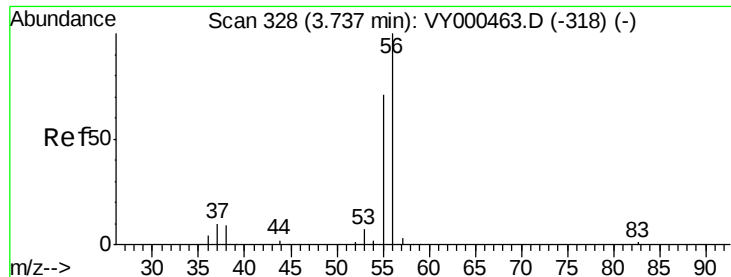


#12

1,1-Dichloroethene
Concen: 48.929 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	125.8	188.6
98	59.5	46.2	69.2





#13

Acrolein

Concen: 183.322 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48097

Ion Ratio Lower Upper

56 100

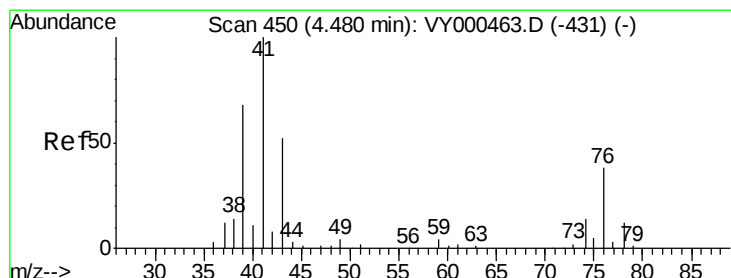
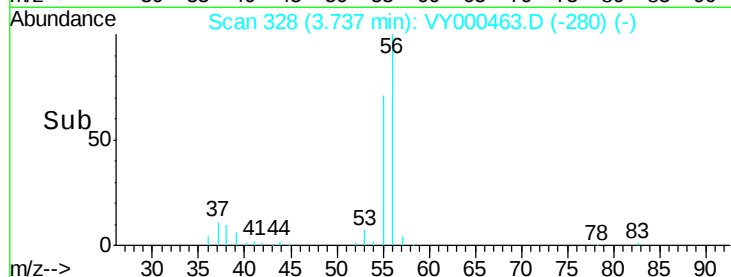
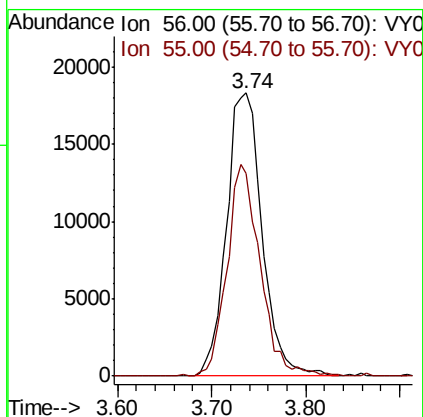
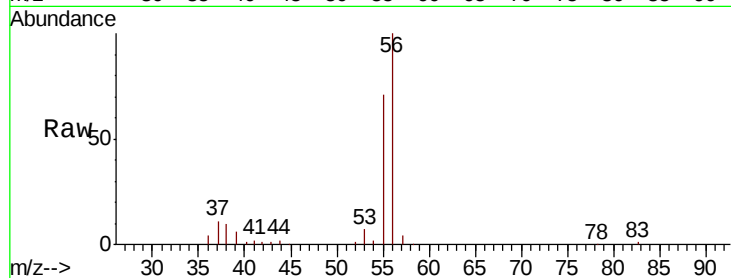
55 69.5 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 50.792 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

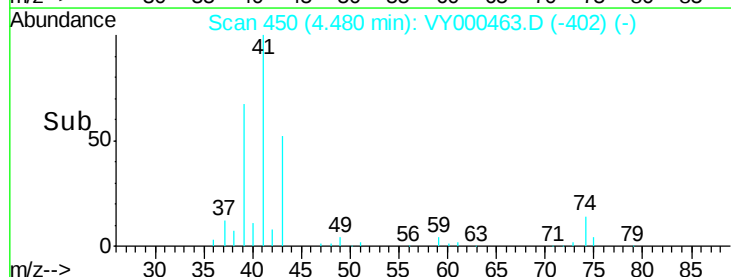
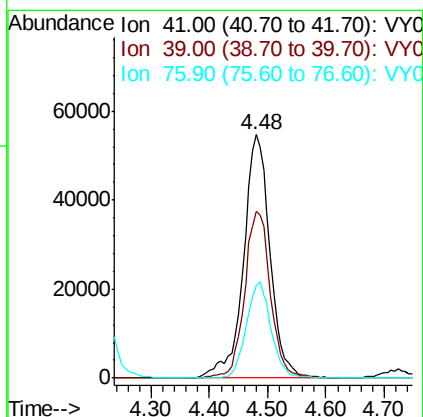
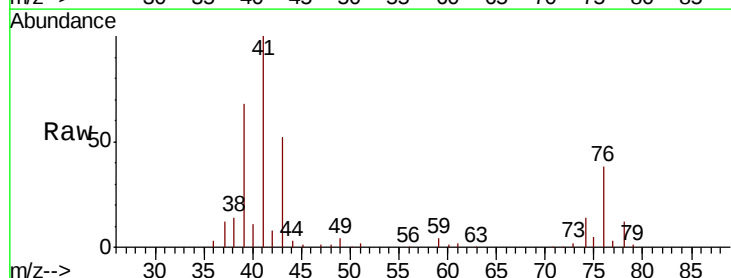
Tgt Ion: 41 Resp: 172333

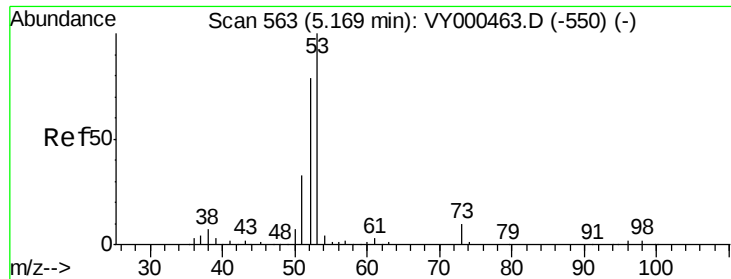
Ion Ratio Lower Upper

41 100

39 66.8 54.0 81.0

76 36.9 30.7 46.1





#15

Acrylonitrile

Concen: 258.782 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

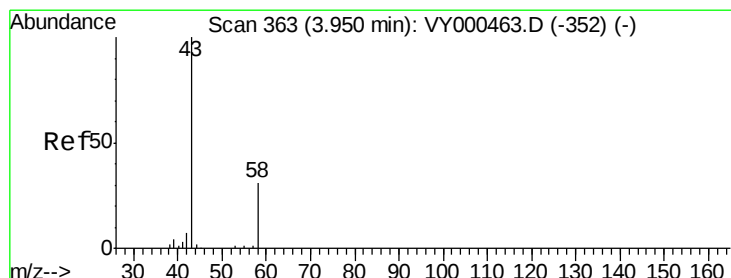
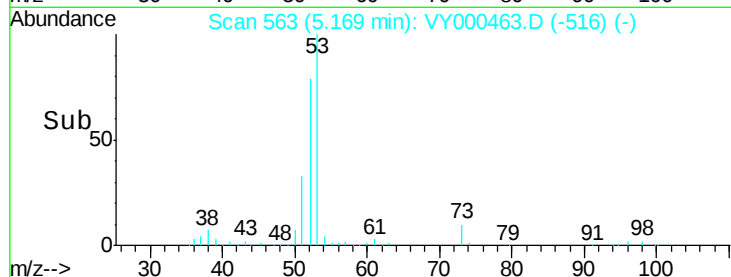
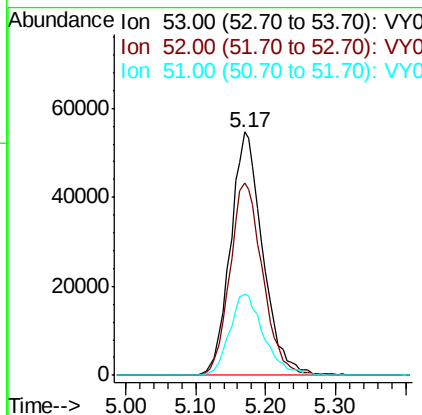
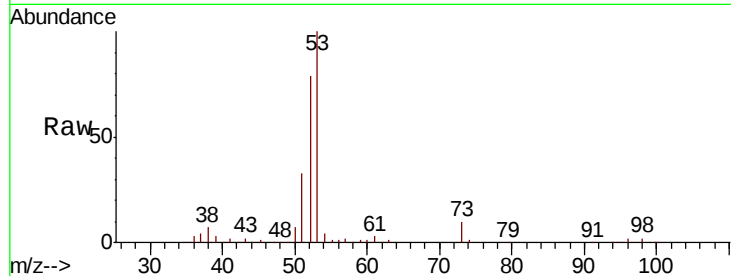
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	174987
Ion	Ratio	Lower	Upper
53	100		
52	79.9	62.9	94.3
51	35.2	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 284.271 ug/l

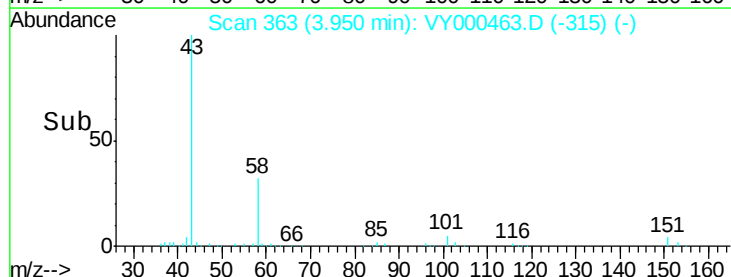
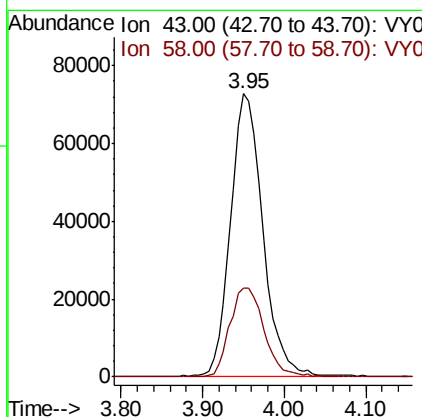
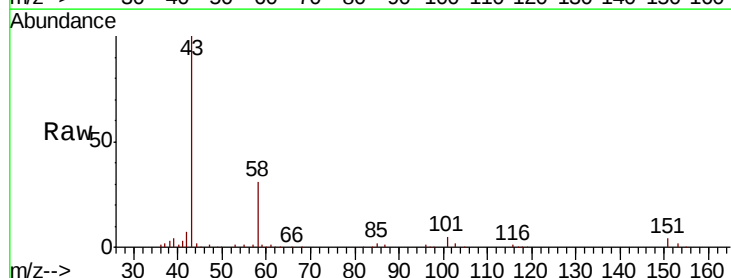
RT: 3.95 min Scan# 363

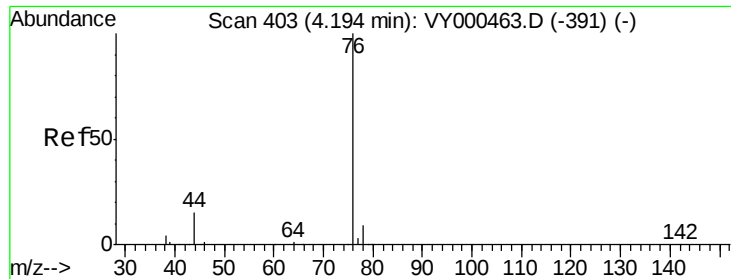
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion:	43	Resp:	196858
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.8	38.6





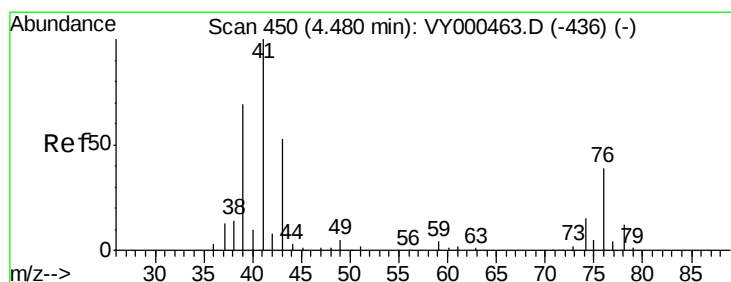
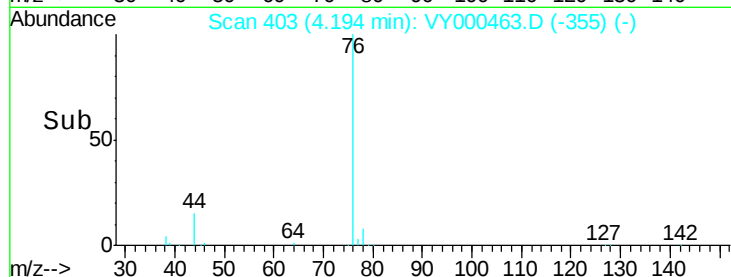
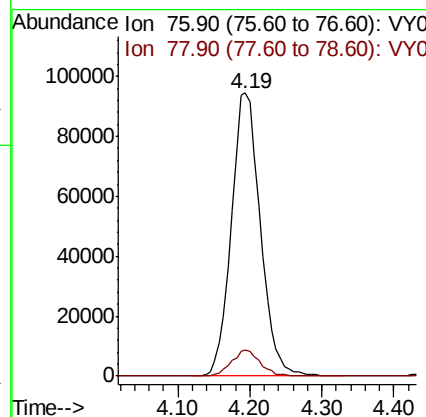
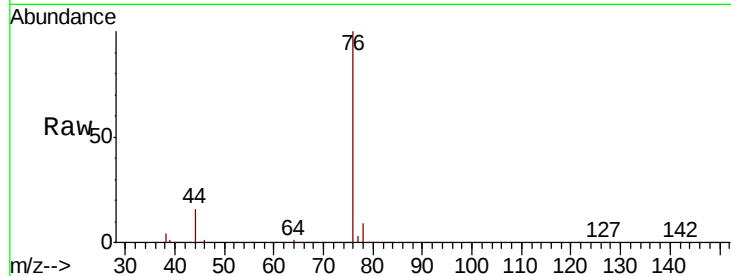
#17
Carbon Disulfide
Concen: 41.093 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

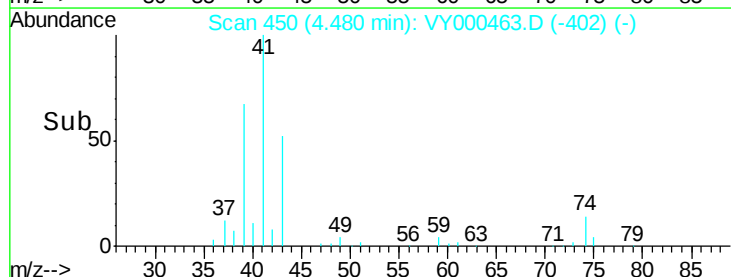
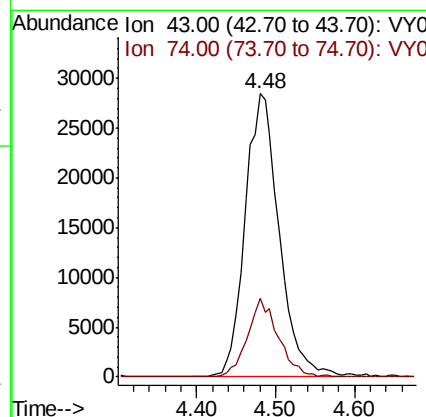
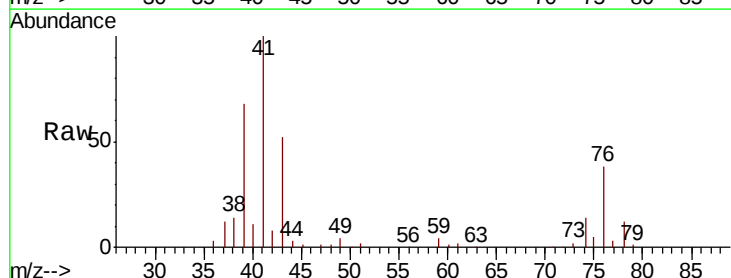
Manual Integrations
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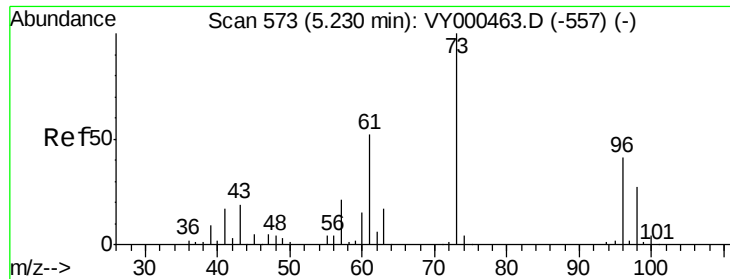
MMDadoda
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#18
Methyl Acetate
Concen: 49.719 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.4	30.6





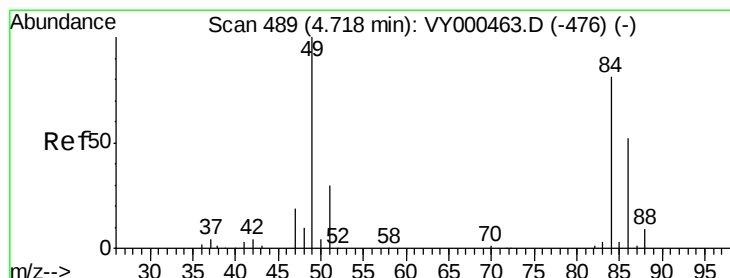
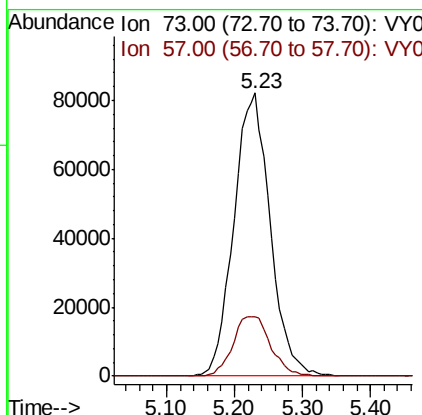
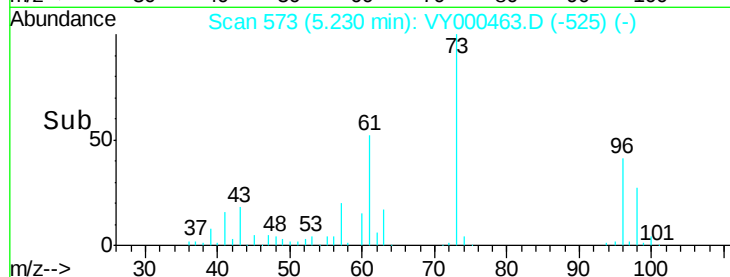
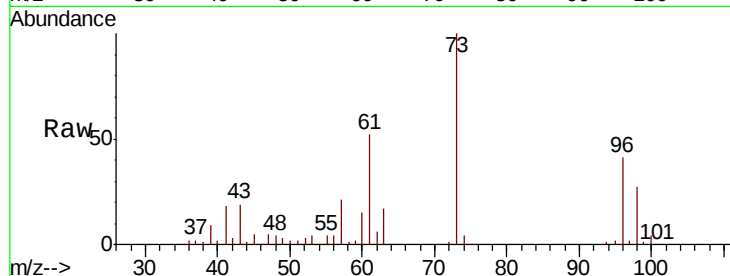
#19
Methyl tert-butyl Ether
Concen: 53.361 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 304138
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

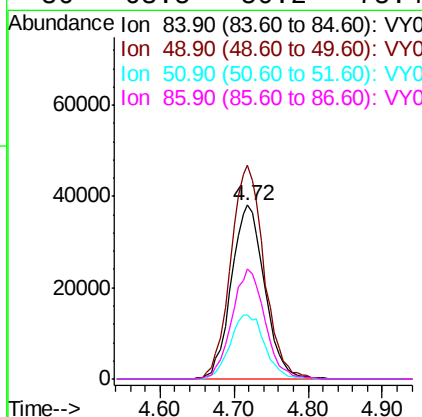
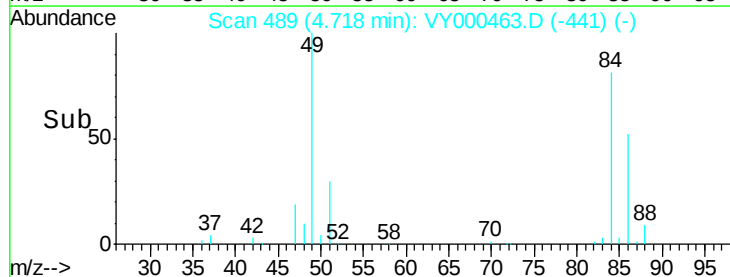
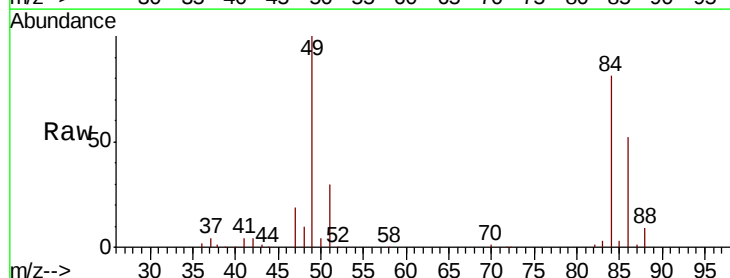
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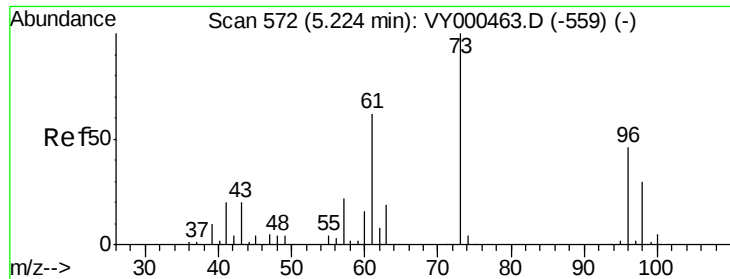
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#20
Methylene Chloride
Concen: 51.355 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 84 Resp: 119482
Ion Ratio Lower Upper
84 100
49 123.0 99.0 148.4
51 36.7 29.3 43.9
86 63.5 50.2 75.4





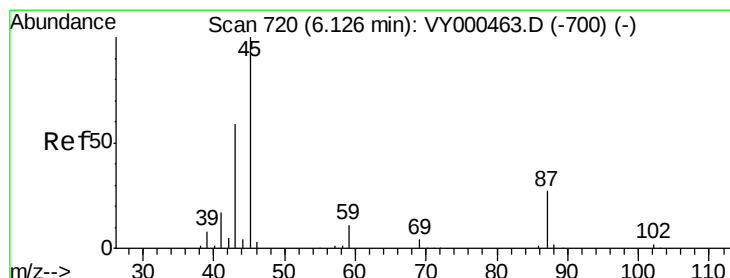
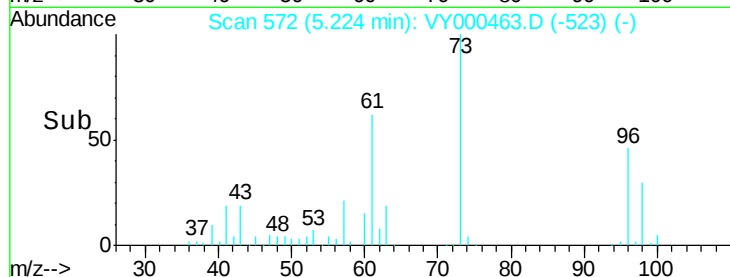
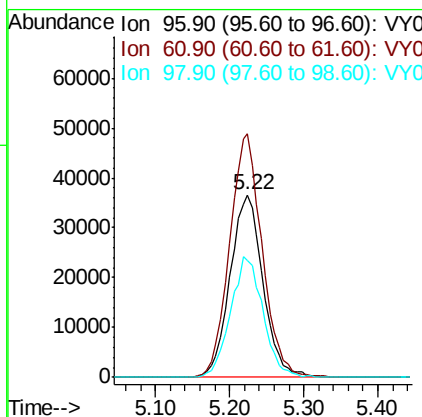
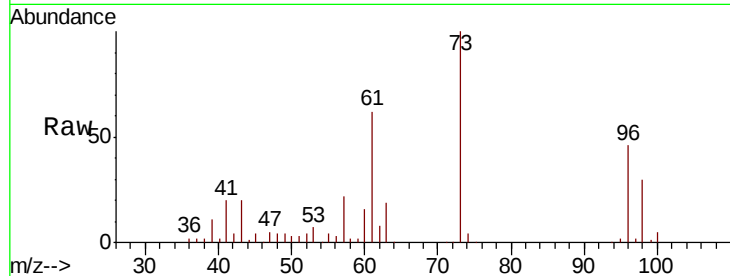
#21
trans-1,2-Dichloroethene
Concen: 48.202 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	100.4	150.6
98	64.4	44.6	66.8

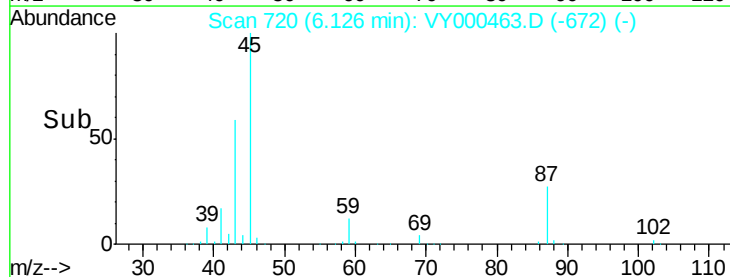
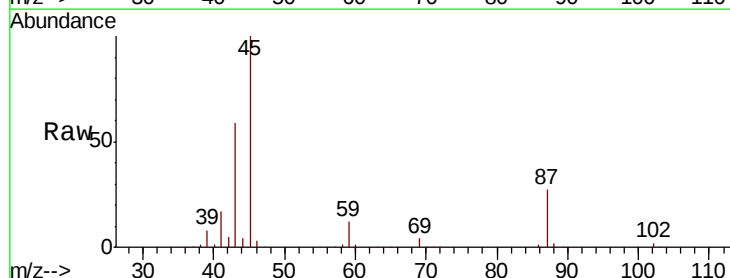
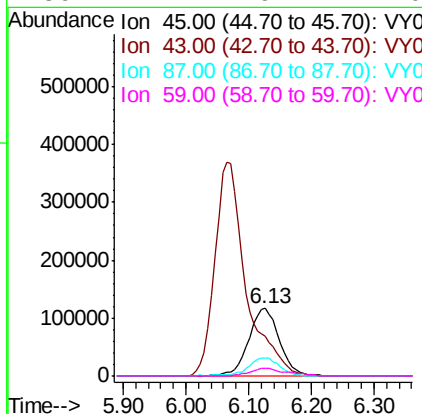
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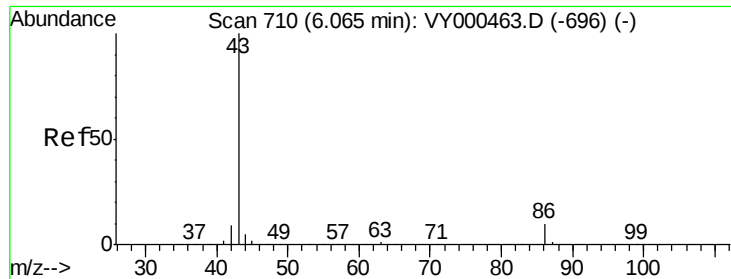
MMDadoda
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#22
Diisopropyl ether
Concen: 55.183 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	48.5	72.7
87	27.2	21.5	32.3
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 270.449 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1266149

Ion Ratio Lower Upper

43 100

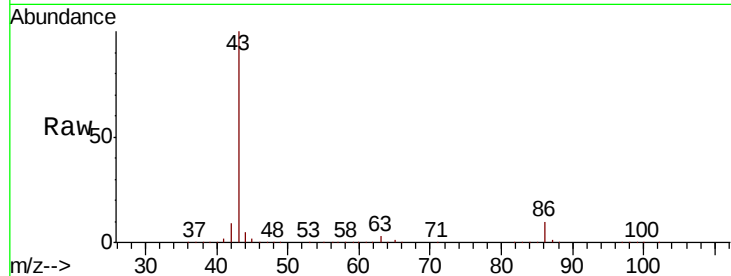
86 10.2 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

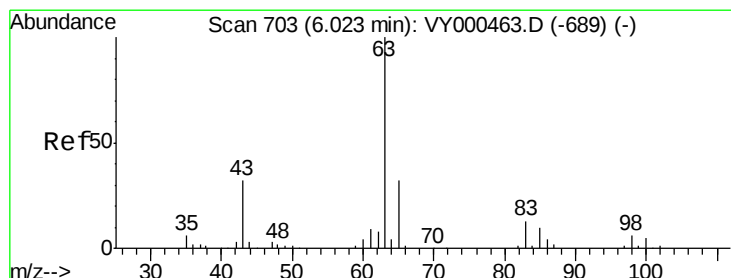
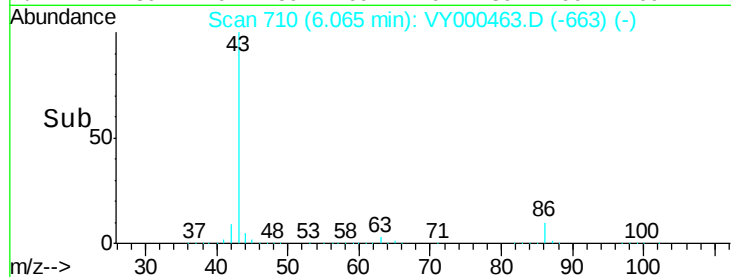
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.275 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

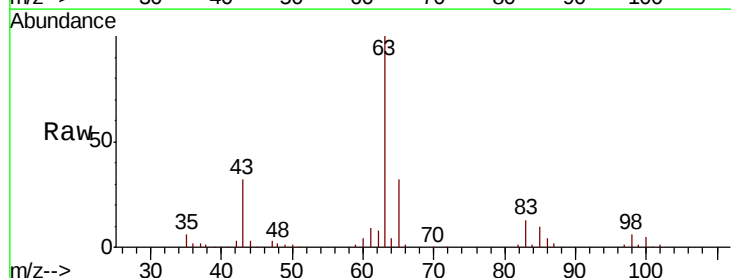
Tgt Ion: 63 Resp: 200845

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

80000

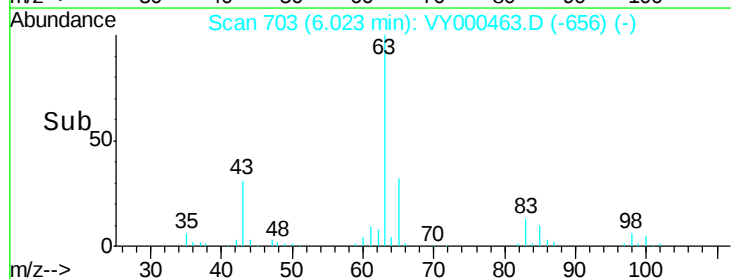
60000

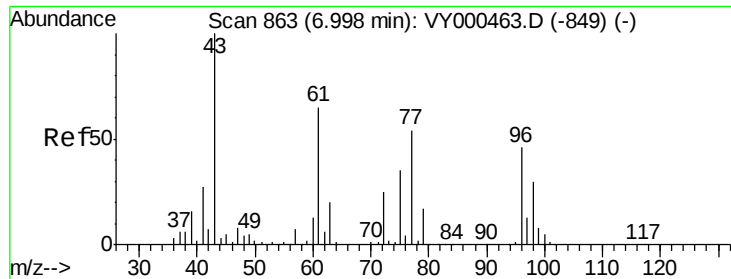
40000

20000

0

Time-->





#25

2-Butanone

Concen: 293.518 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tot Ion: 43 Resp: 286331

Ion Ratio Lower Upper

43 100

72 25.0 21.4 32.2

Instrument :

MSVOA_Y

ClientSampleId :

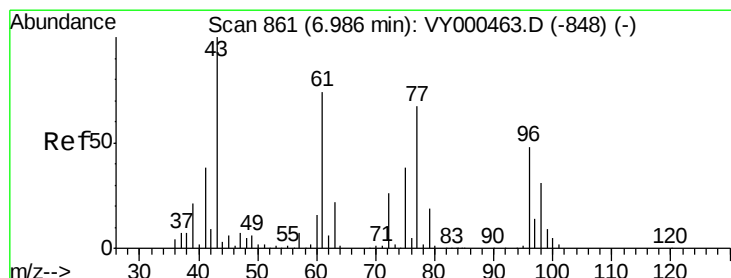
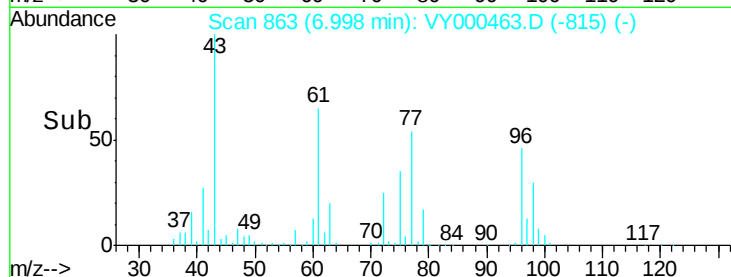
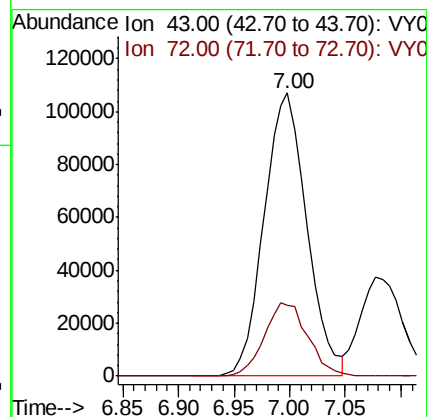
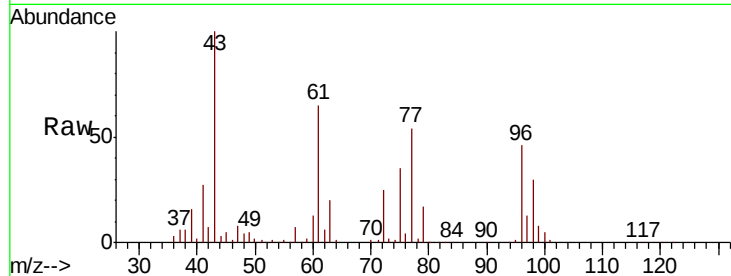
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.774 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000463.D

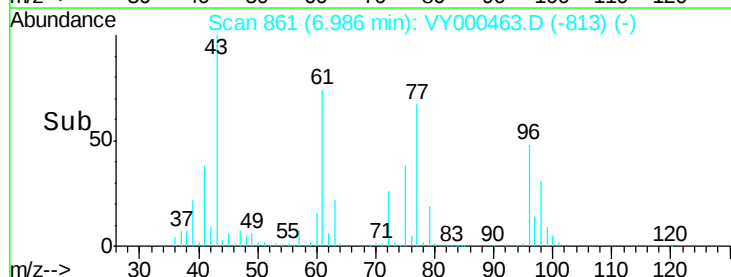
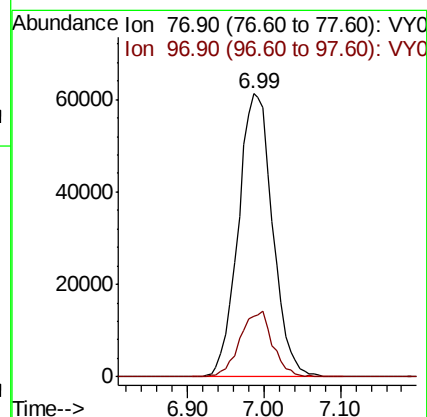
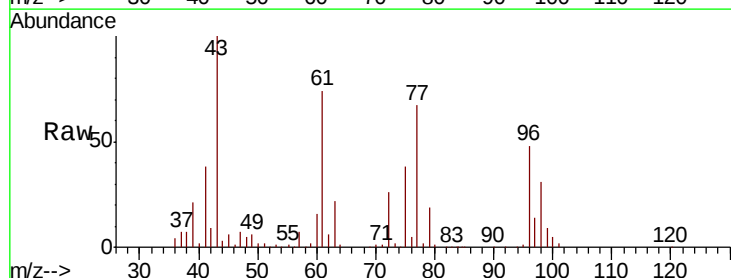
Acq: 29 Oct 2019 10:27

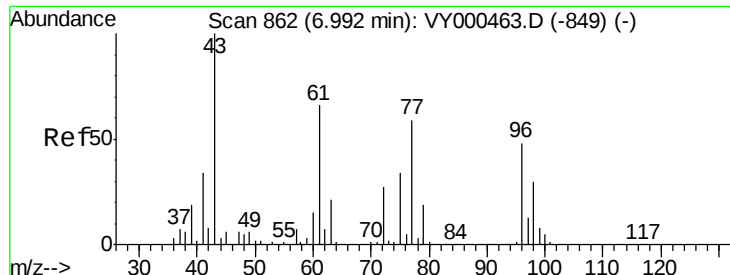
Tgt Ion: 77 Resp: 190481

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.7





#27

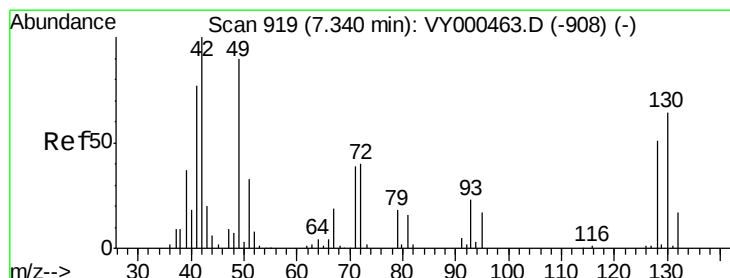
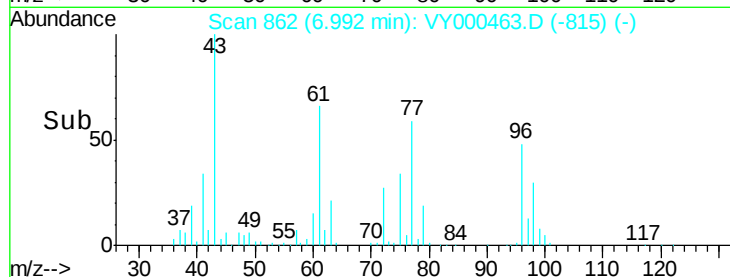
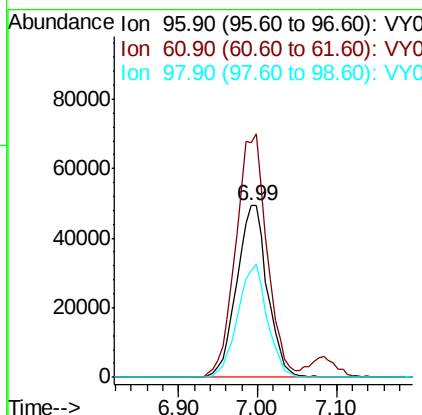
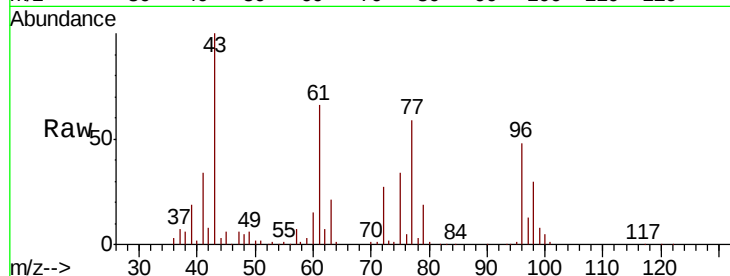
cis-1,2-Dichloroethene
Concen: 52.574 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.5	0.0	289.8	
98	63.6	0.0	131.8	

Manual Integrations
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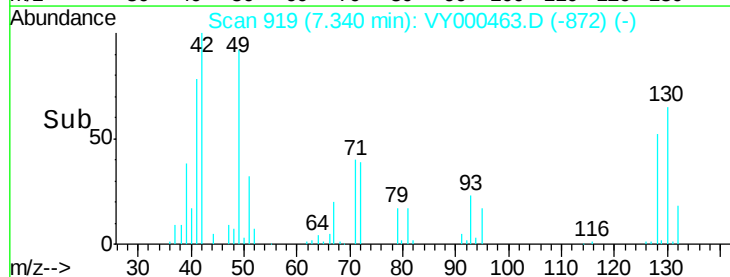
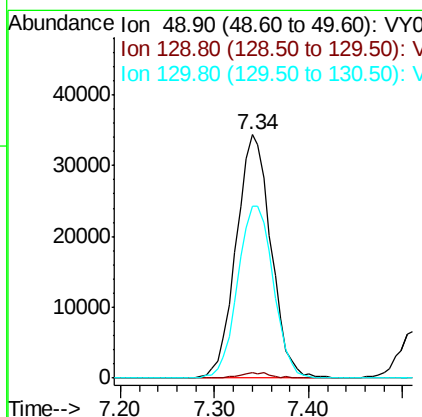
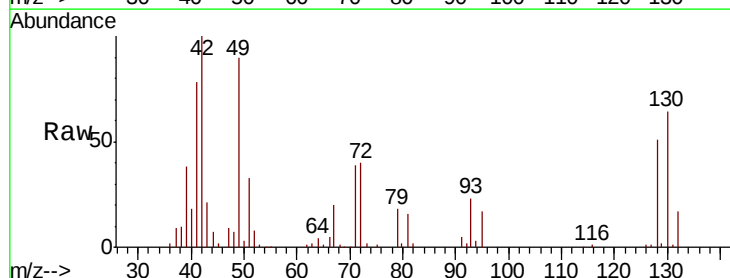
MMDadoda
10/30/2019 10:59:43 AM

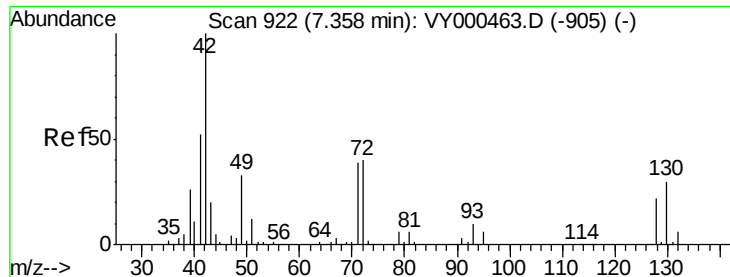


#28

Bromochloromethane
Concen: 52.456 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	72.7	58.2	87.2	





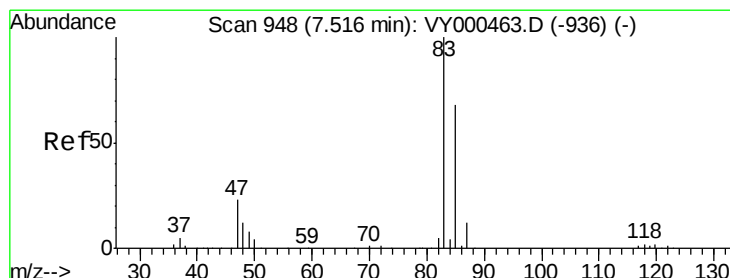
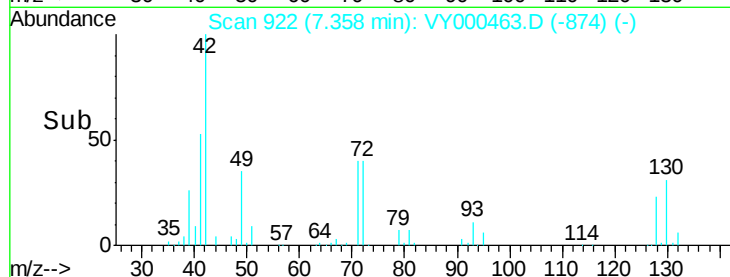
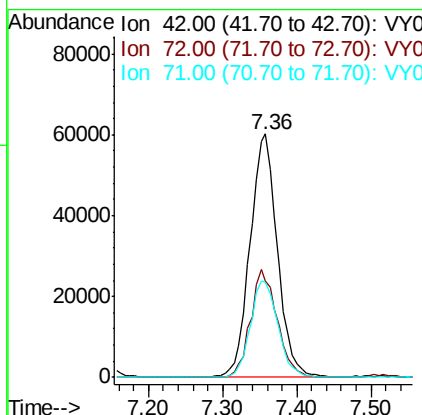
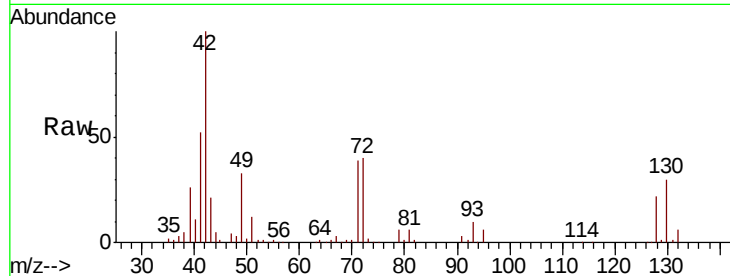
#29
Tetrahydrofuran
Concen: 262.546 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.5	51.7
71	40.1	32.7	49.1

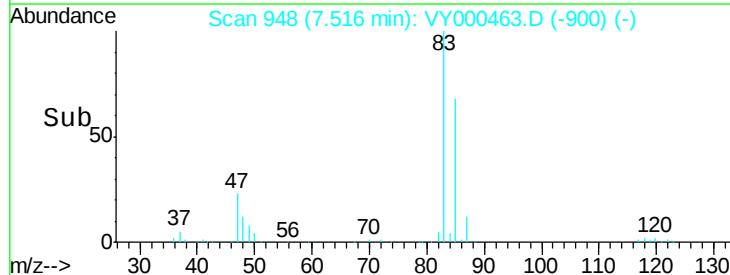
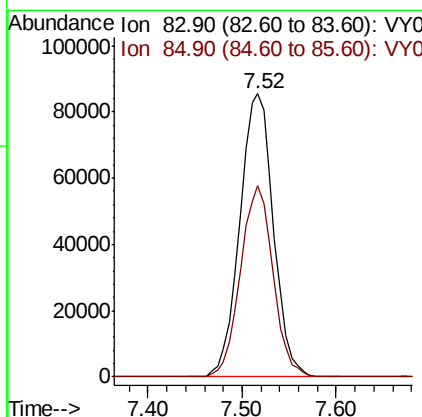
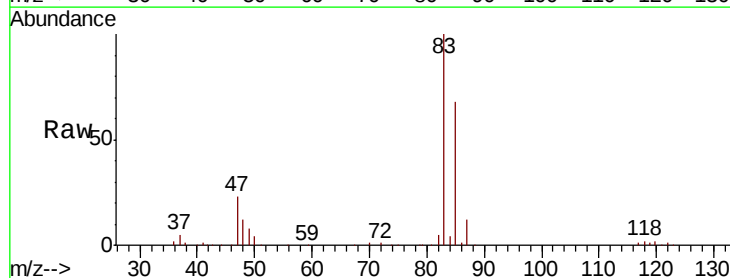
Manual Integrations
APPROVED

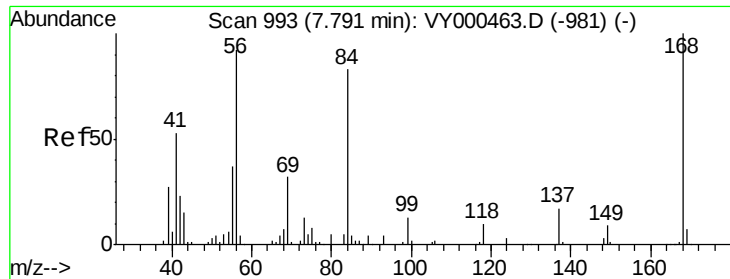
MMDadoda
10/30/2019 10:59:43 AM



#30
Chloroform
Concen: 53.926 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.4	77.2





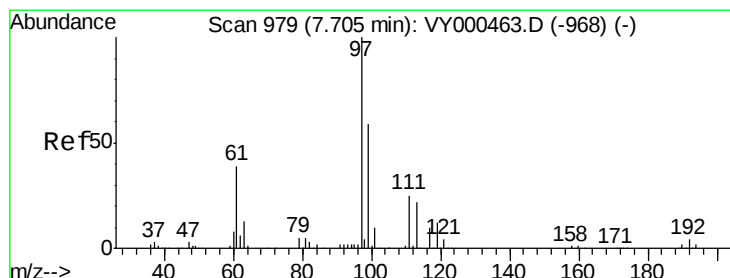
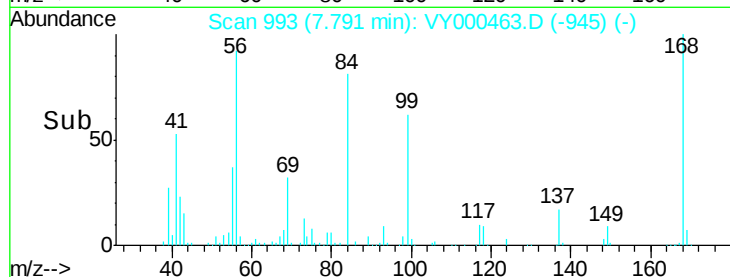
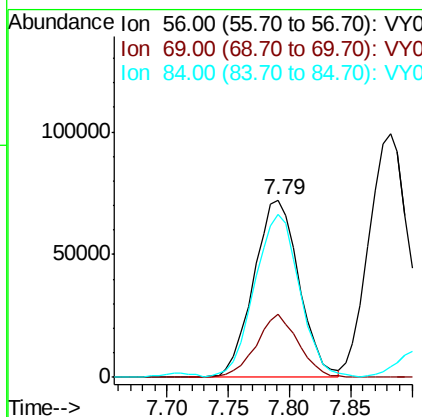
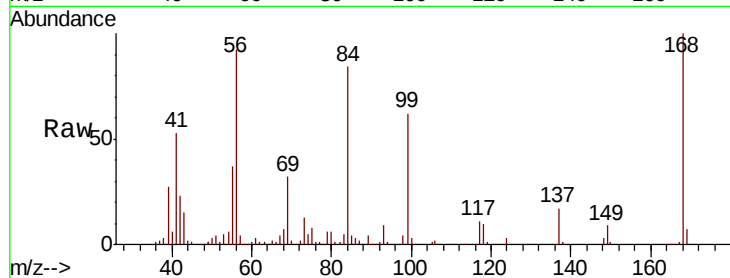
#31
Cyclohexane
Concen: 45.639 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	26.3	39.5
84	90.7	70.8	106.2

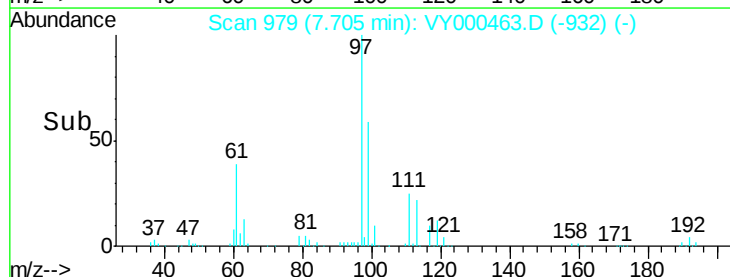
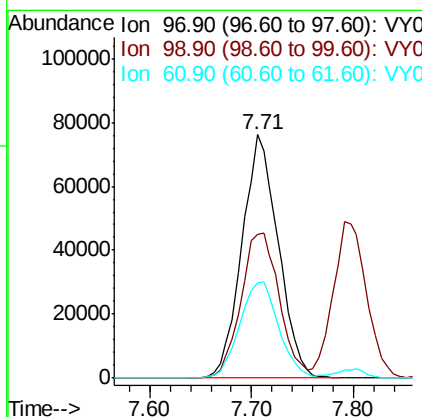
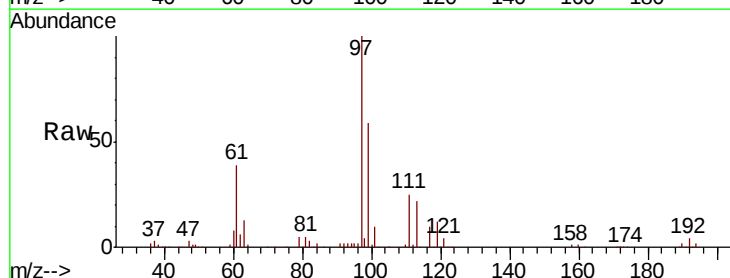
Manual Integrations
APPROVED

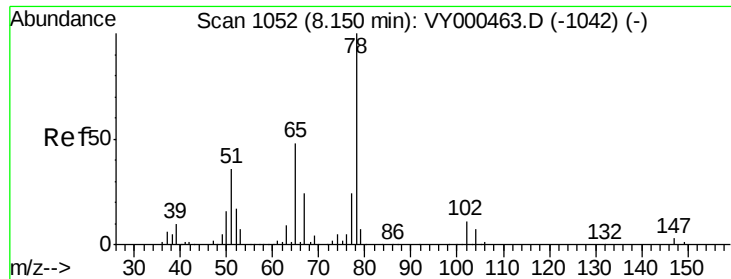
MMDadoda
10/30/2019 10:59:43 AM



#32
1,1,1-Trichloroethane
Concen: 53.747 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	42.4	34.5	51.7





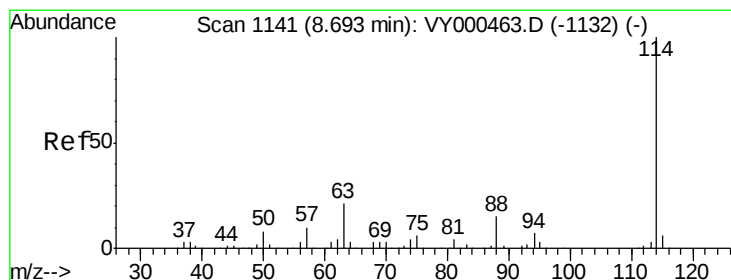
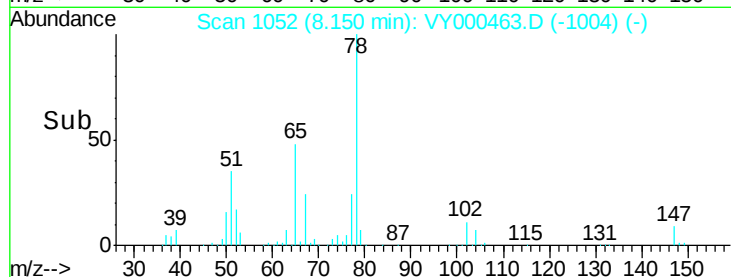
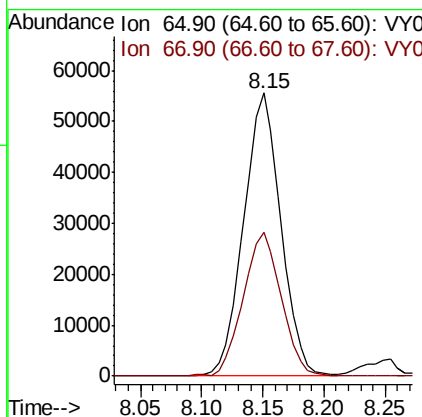
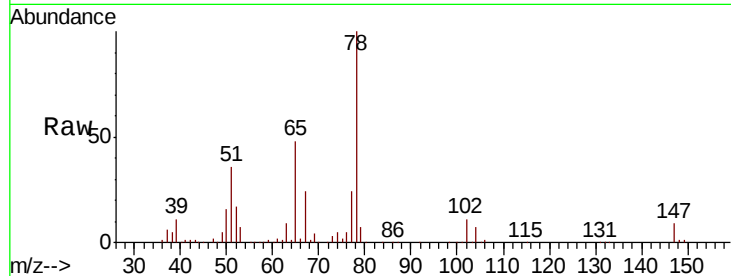
#33
 1,2-Dichloroethane-d4
 Concen: 55.022 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	109.4	

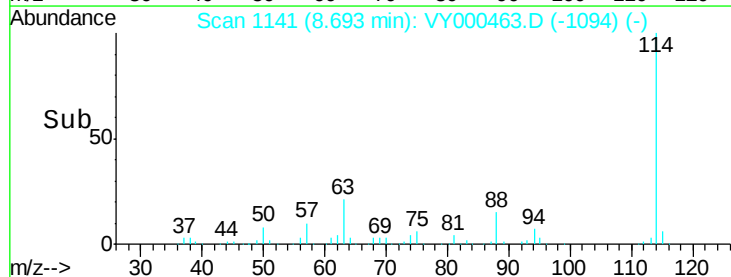
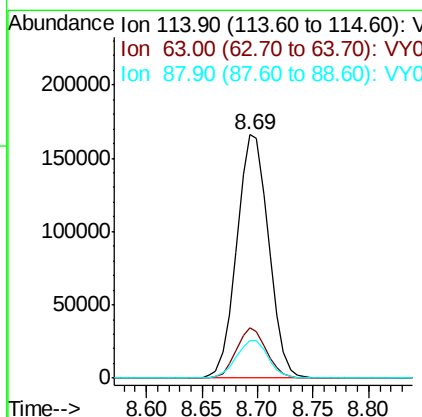
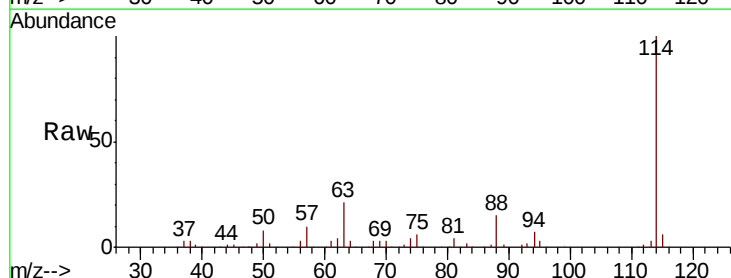
Manual Integrations
 APPROVED

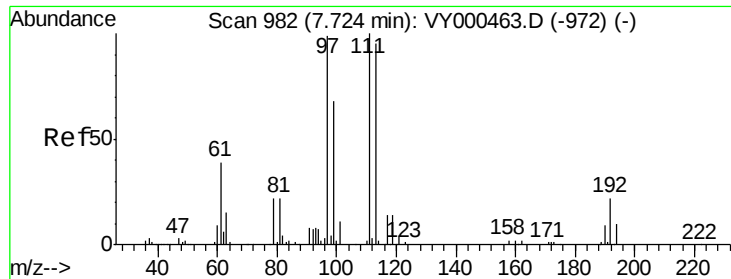
MMDadoda
 10/30/2019 10:59:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	37.2	
88	15.2	0.0	30.2	





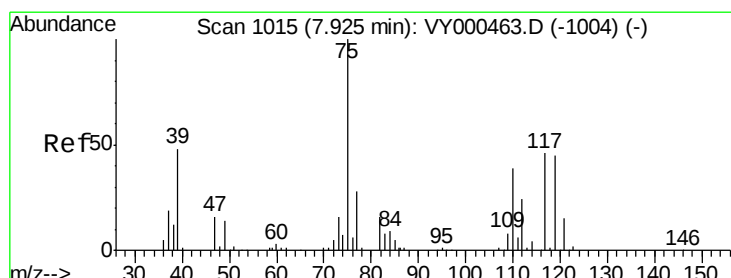
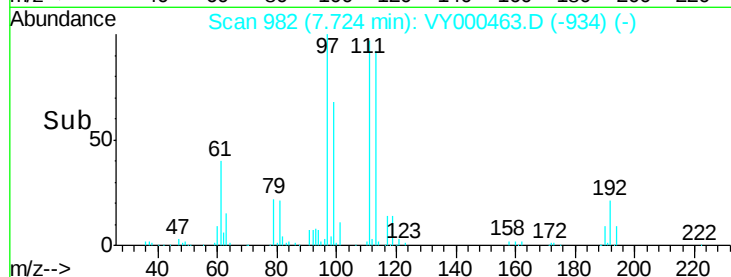
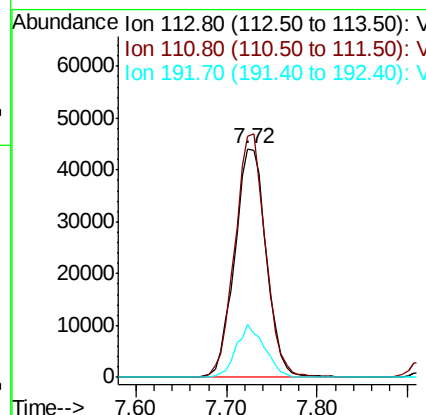
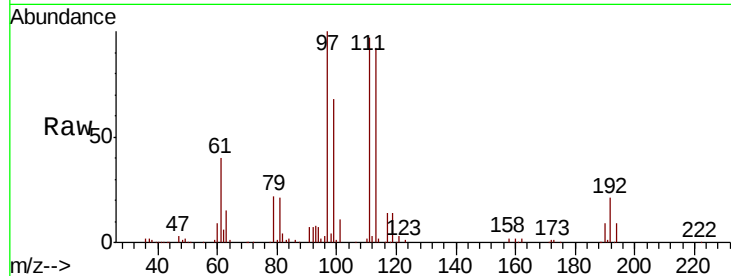
#35
 Dibromofluoromethane
 Concen: 53.396 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106495		
111	103.3	81.6	122.4	
192	20.5	15.3	22.9	

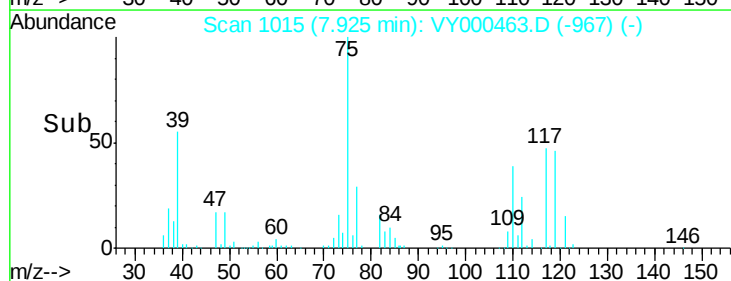
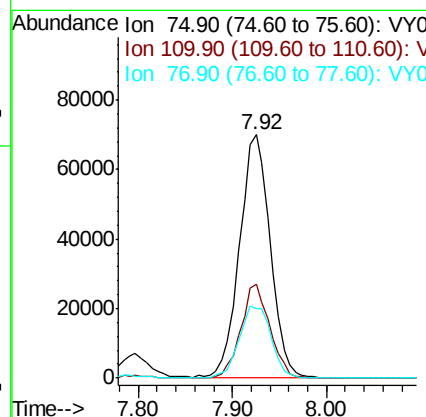
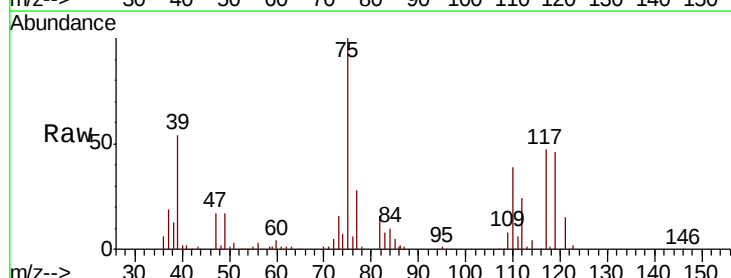
Manual Integrations
 APPROVED

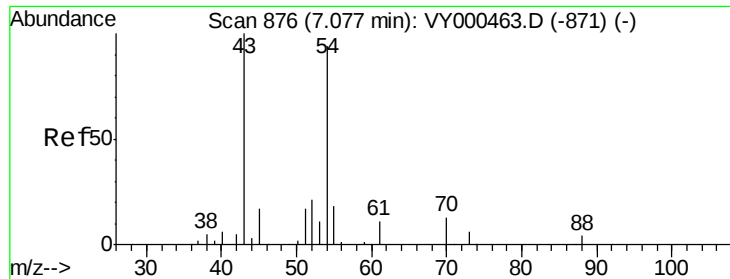
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#36
 1,1-Dichloropropene
 Concen: 49.322 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159662		
110	36.4	18.4	55.4	
77	31.0	25.0	37.6	





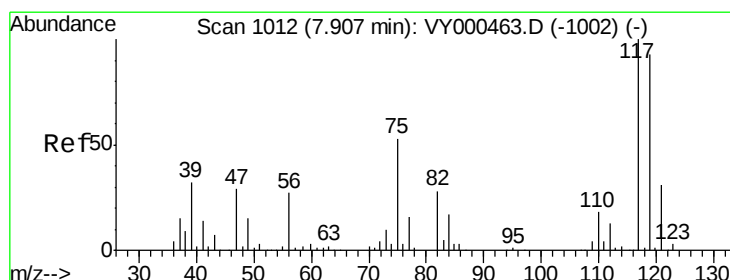
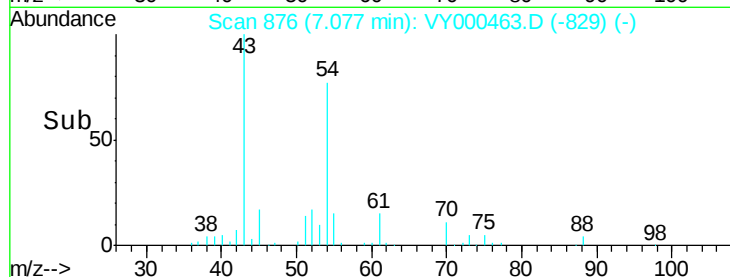
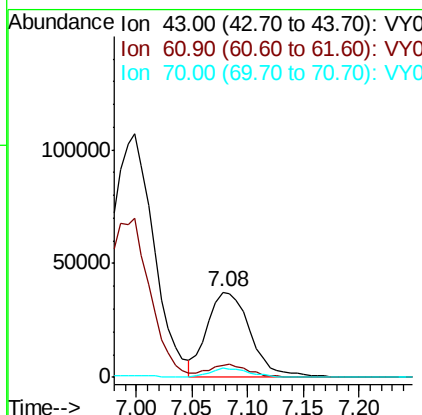
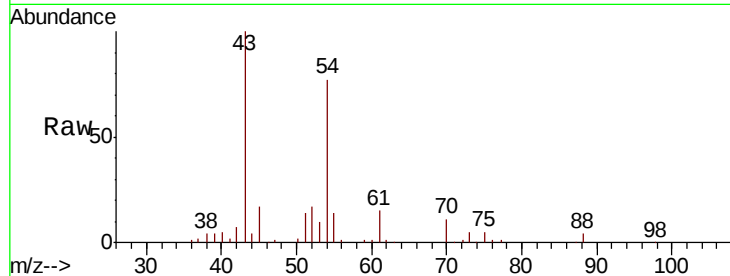
#37
Ethyl Acetate
Concen: 52.599 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	9.7	8.7	13.1

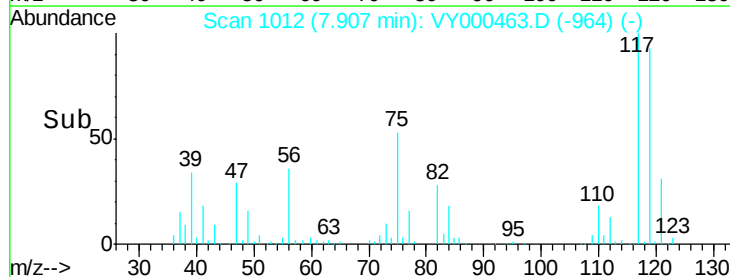
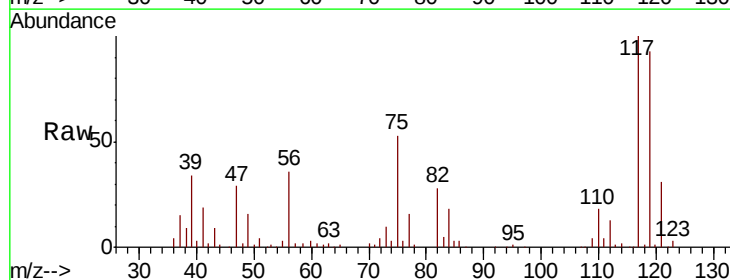
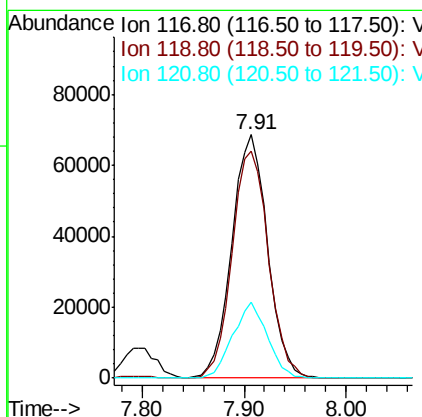
Manual Integrations
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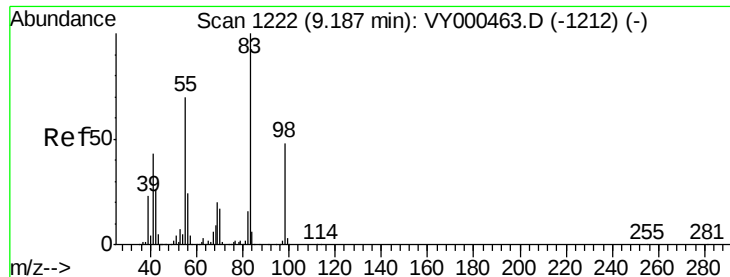
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#38
Carbon Tetrachloride
Concen: 53.244 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	72.8	109.2
121	31.1	22.2	33.2





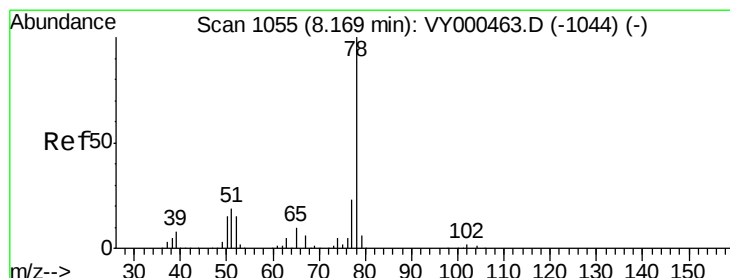
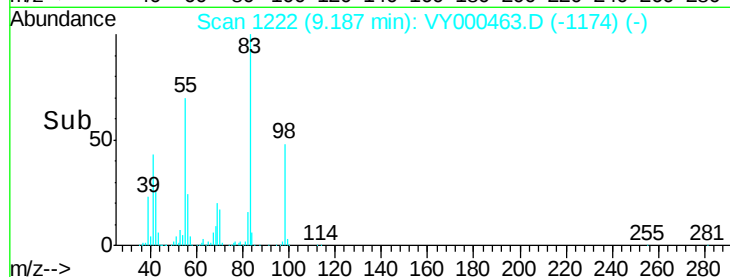
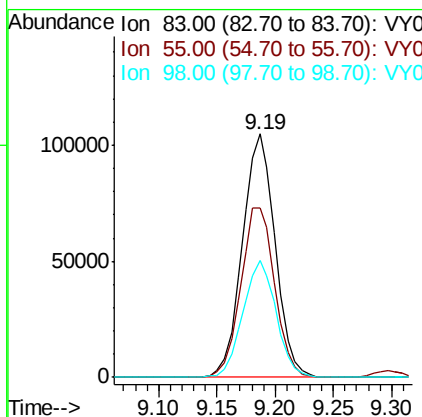
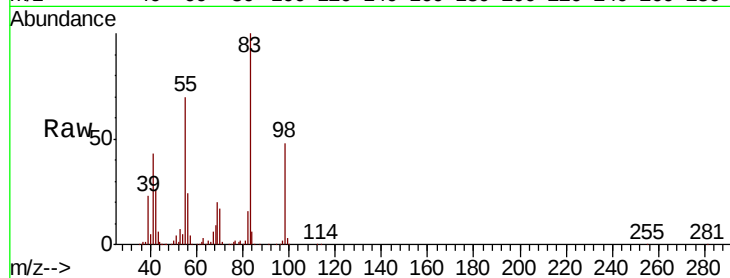
#39
Methvlcvclohexane
Concen: 48.489 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	60.9	91.3
98	48.2	41.8	62.6

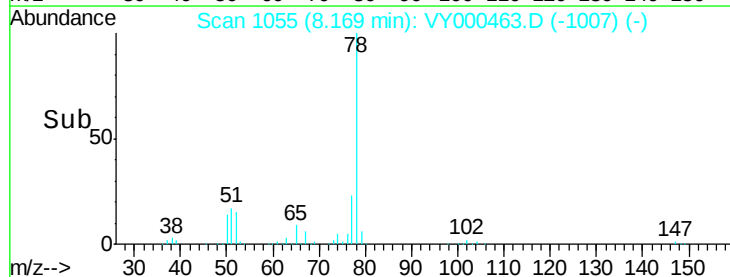
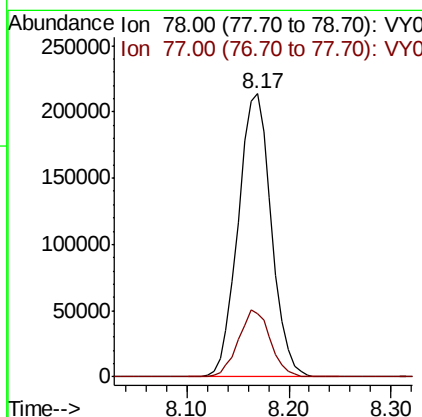
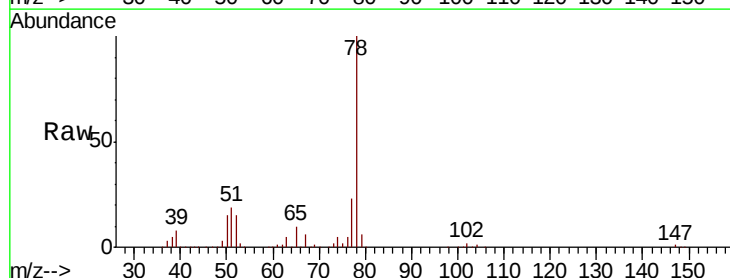
Manual Integrations
APPROVED

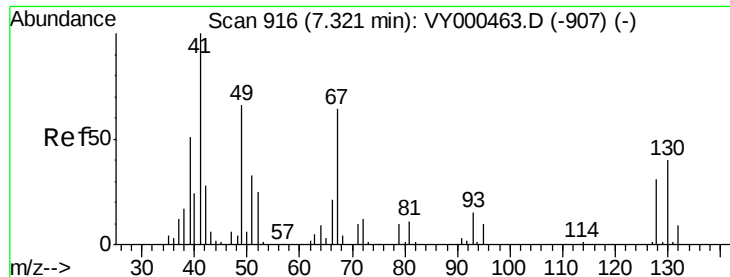
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#40
Benzene
Concen: 51.503 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2





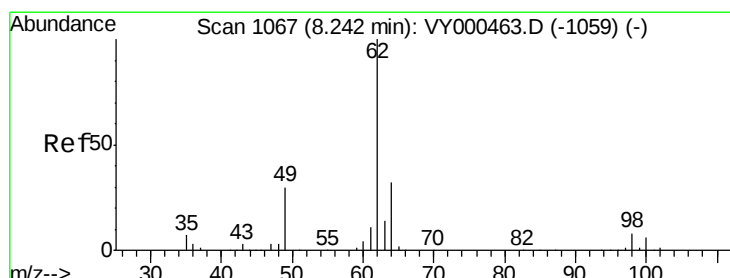
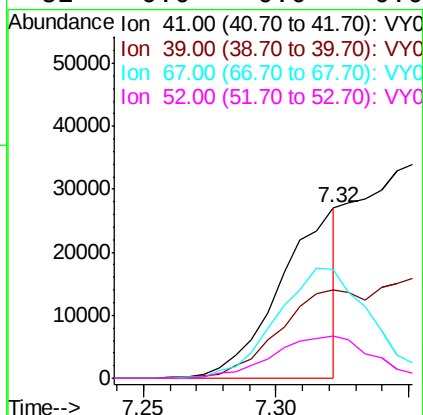
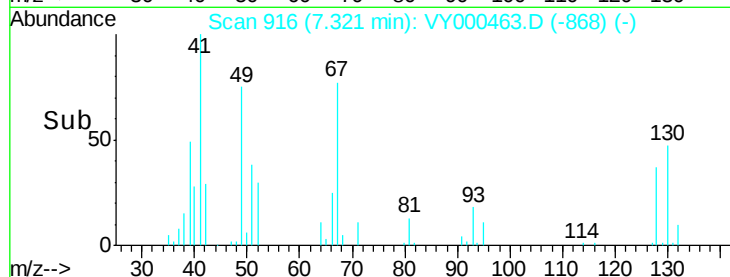
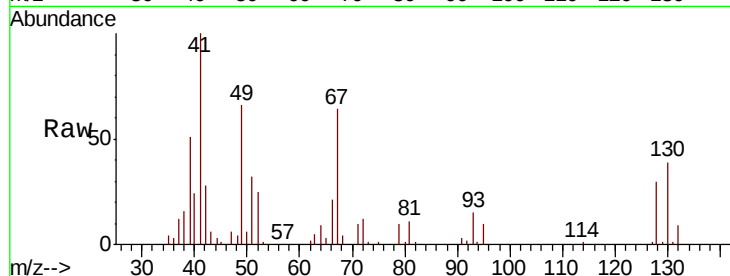
#41
Methacrylonitrile
Concen: 44.734 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	40815
Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

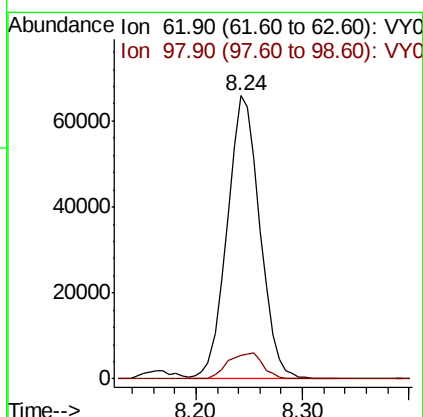
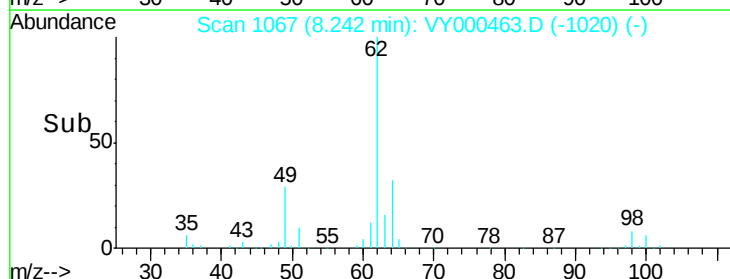
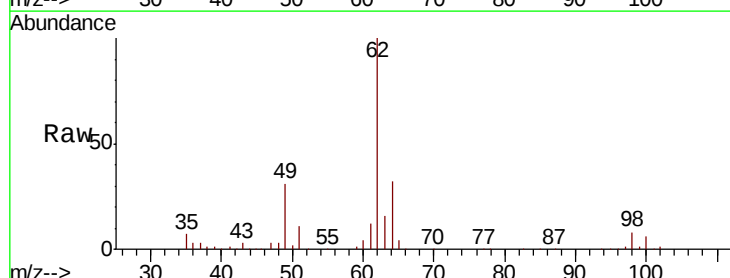
Manual Integrations
APPROVED

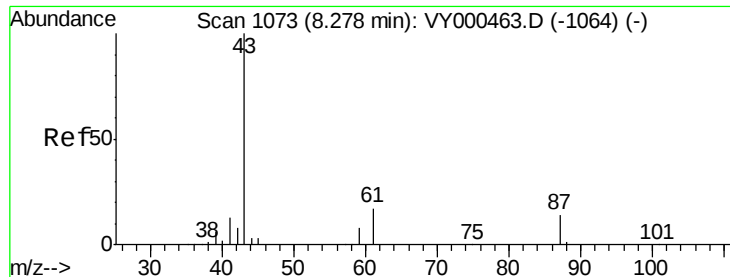
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.004 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	62	Resp	141639
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6





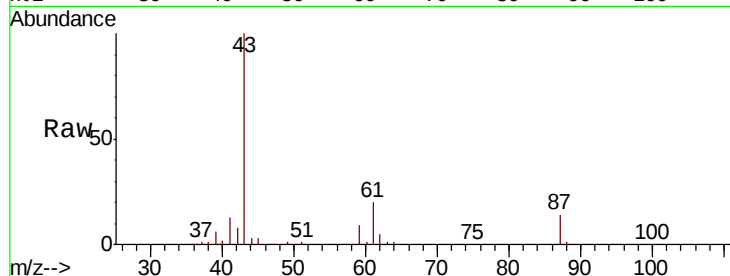
#43
Isopropyl Acetate
Concen: 55.437 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

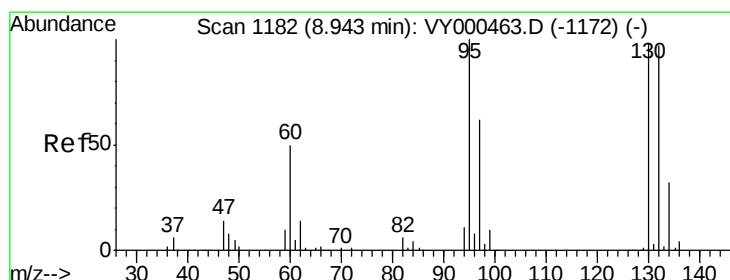
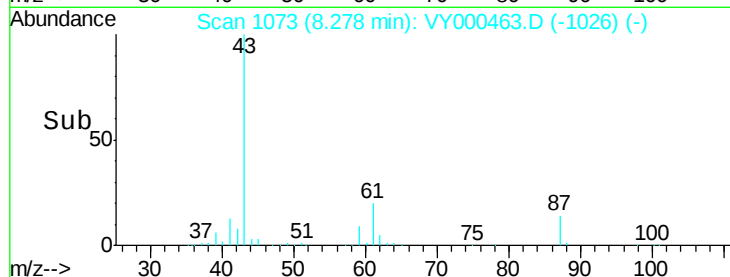
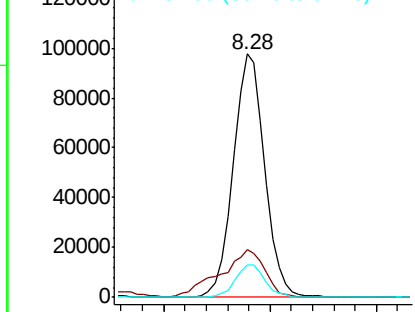
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	22.3	33.5
87	12.8	10.9	16.3

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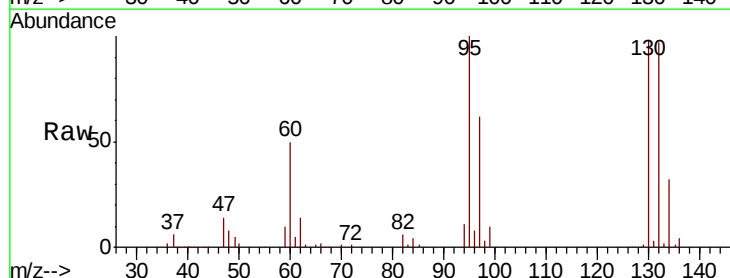


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

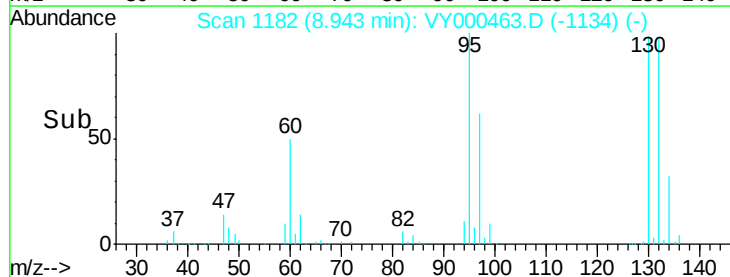
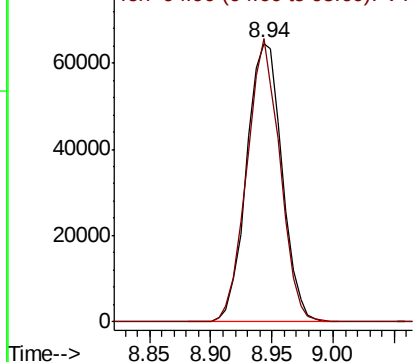


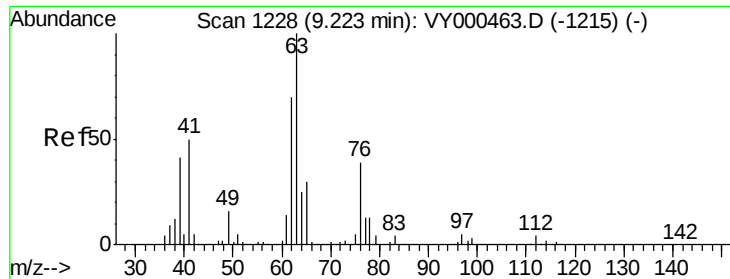
#44
Trichloroethene
Concen: 49.579 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





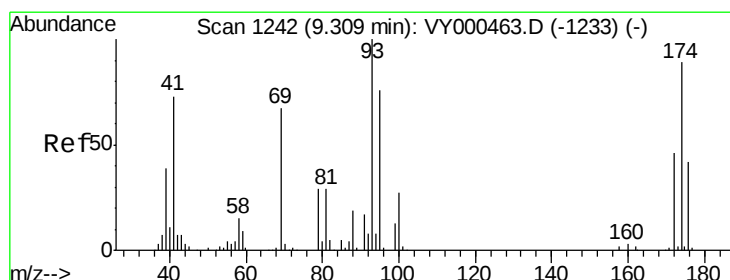
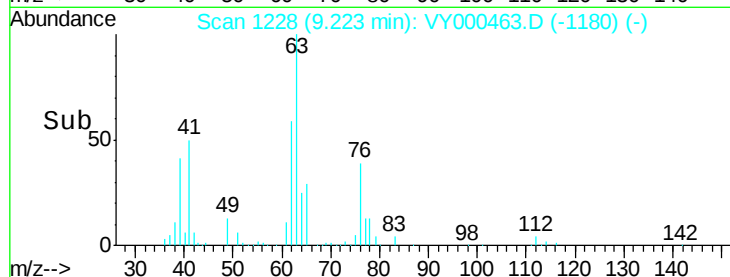
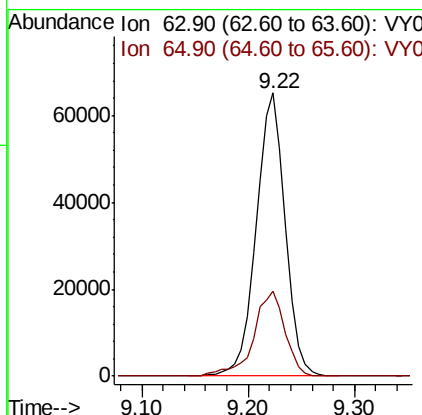
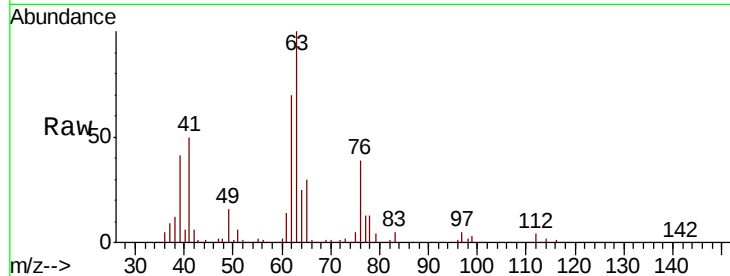
#45
1,2-Dichloropropane
Concen: 53.932 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.2	34.8

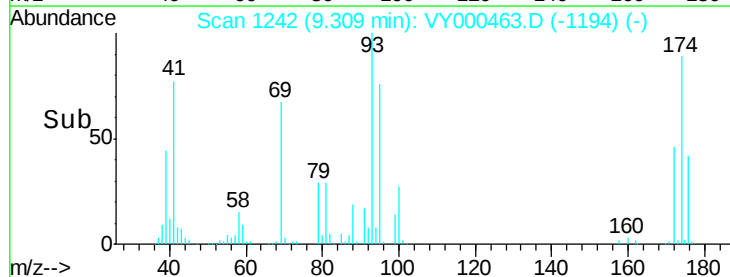
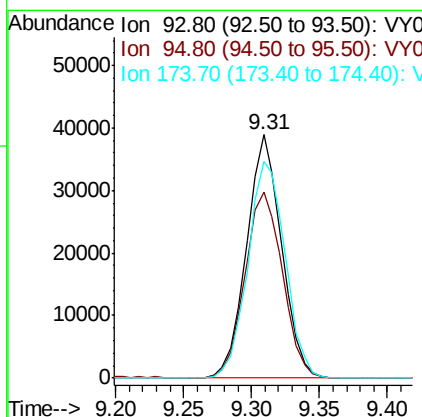
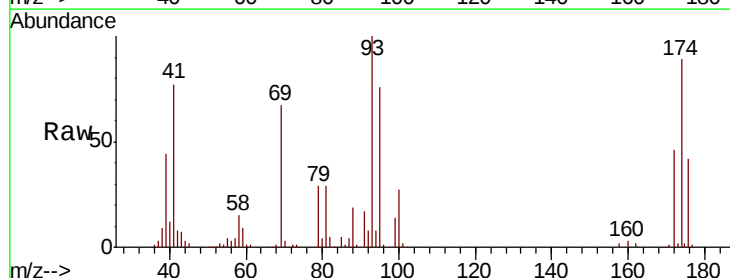
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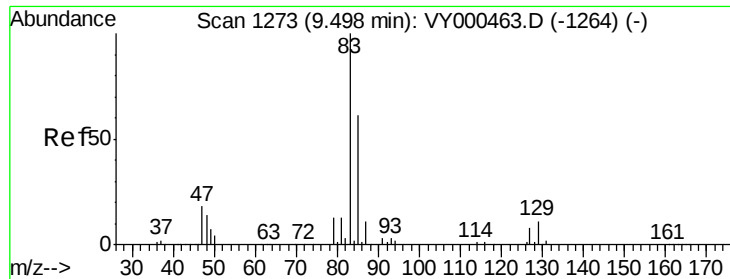
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#46
Dibromomethane
Concen: 54.579 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	68.2	102.2
174	94.6	79.8	119.6





#47

Bromodichloromethane

Concen: 55.840 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

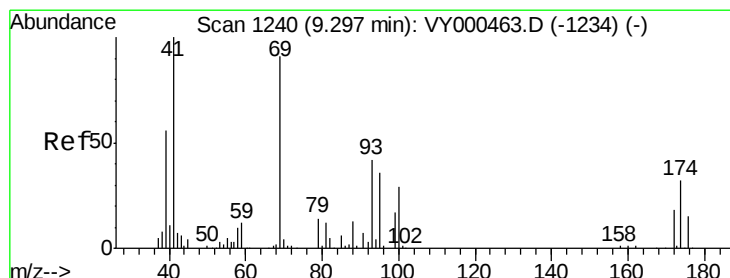
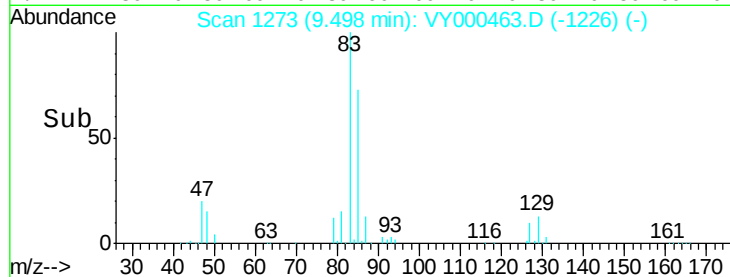
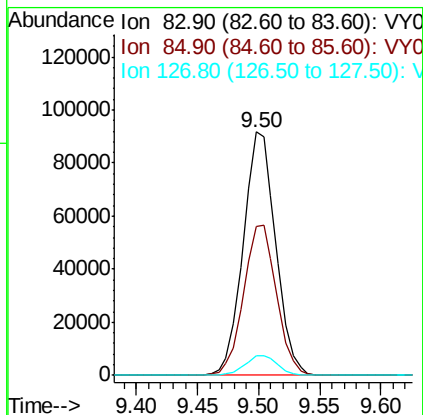
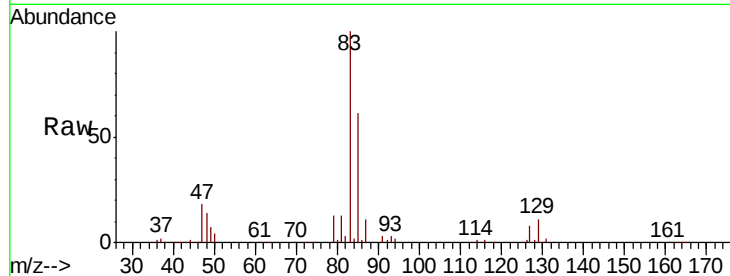
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	168887
Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.2	78.2
127	8.0	6.3	9.5

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#48

Methyl methacrylate

Concen: 54.058 ug/l

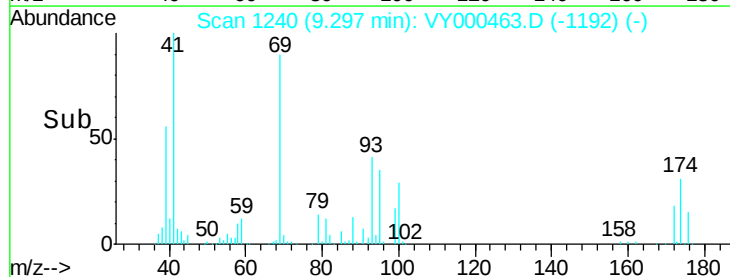
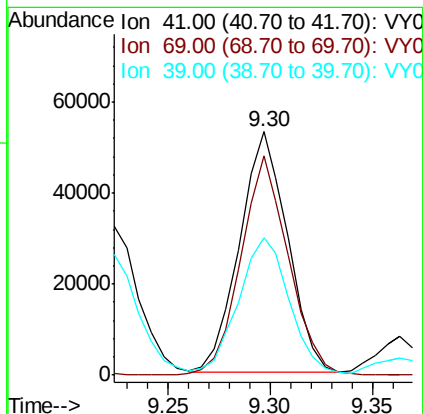
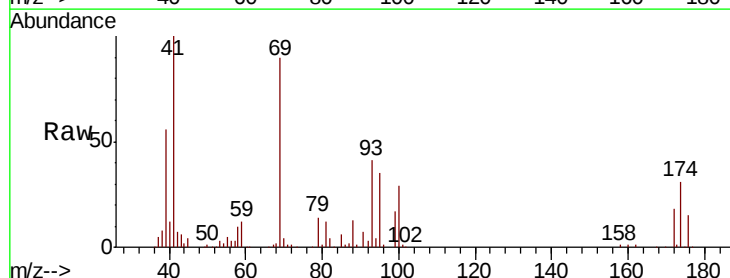
RT: 9.30 min Scan# 1240

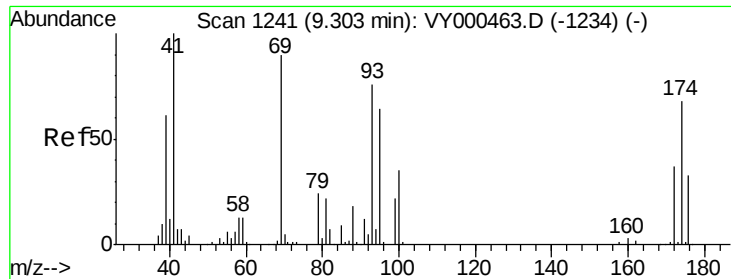
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion:	41	Resp:	86344
Ion	Ratio	Lower	Upper
41	100		
69	90.1	70.0	105.0
39	61.1	47.7	71.5





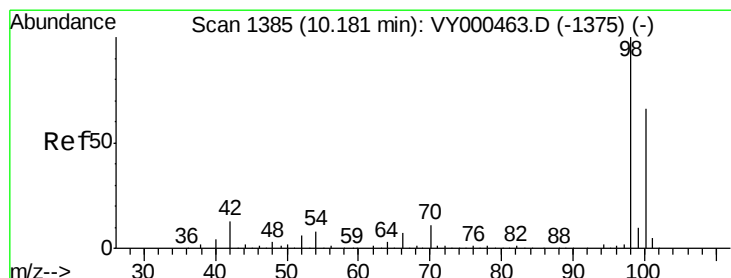
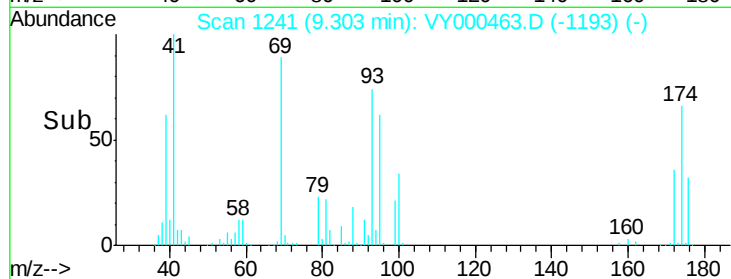
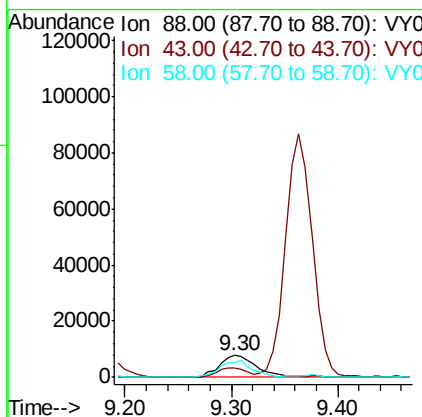
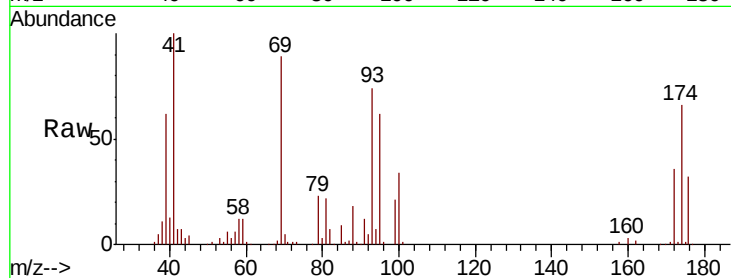
#49
 1,4-Dioxane
 Concen: 1018.376 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	19596
Ion Ratio	Lower	Upper	
88	100		
43	33.2	25.6	38.4
58	64.6	54.6	81.8

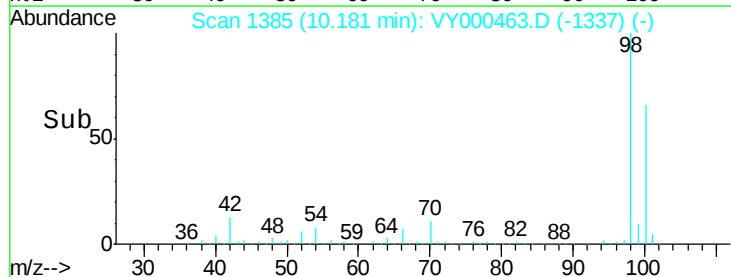
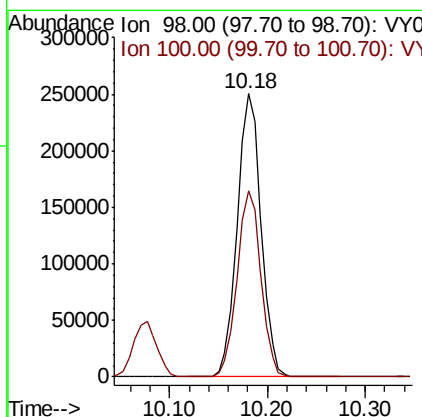
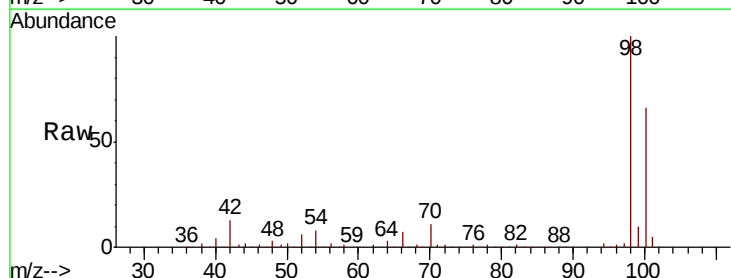
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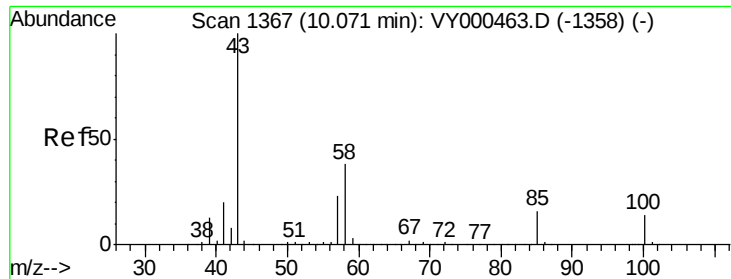
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#50
 Toluene-d8
 Concen: 55.209 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	98	Resp	423568
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 290.727 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 546502

Ion Ratio Lower Upper

43 100

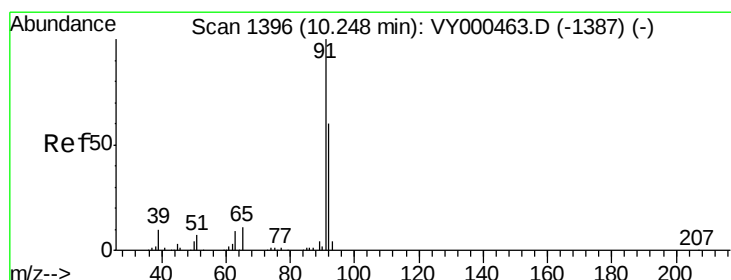
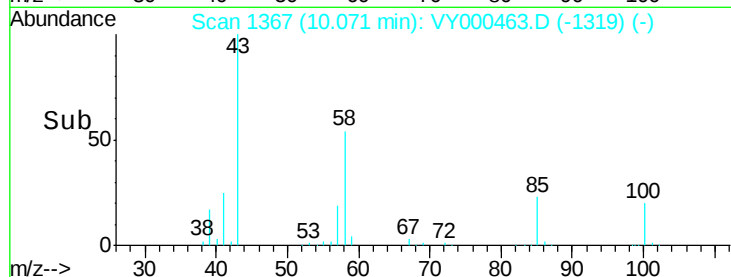
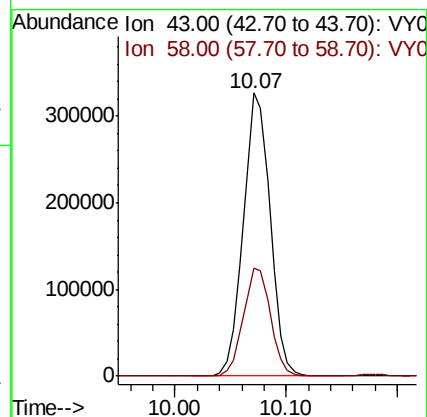
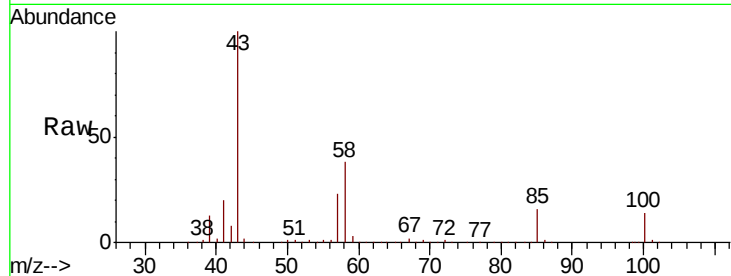
58 38.6 31.0 46.6

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#52

Toluene

Concen: 52.023 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000463.D

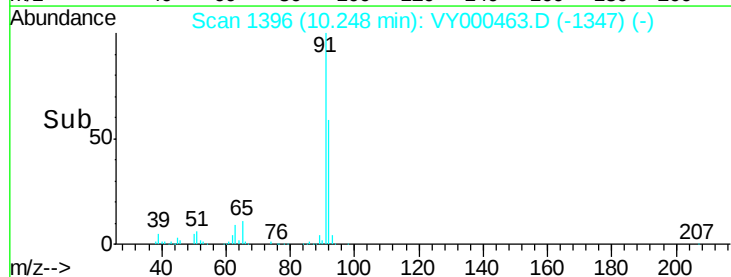
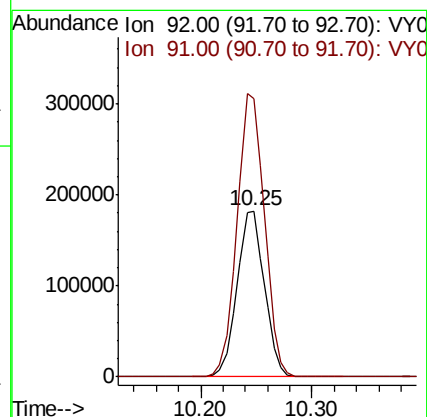
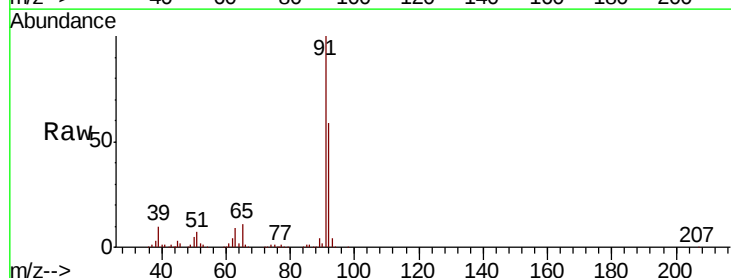
Acq: 29 Oct 2019 10:27

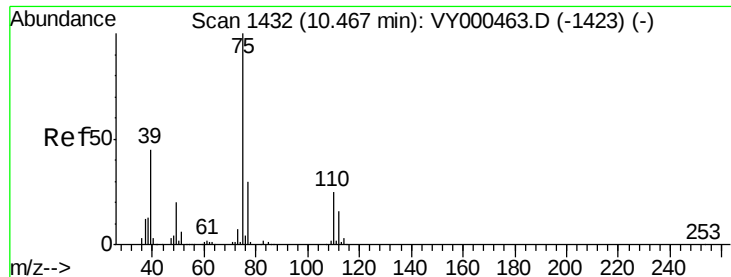
Tgt Ion: 92 Resp: 308987

Ion Ratio Lower Upper

92 100

91 171.7 136.6 205.0





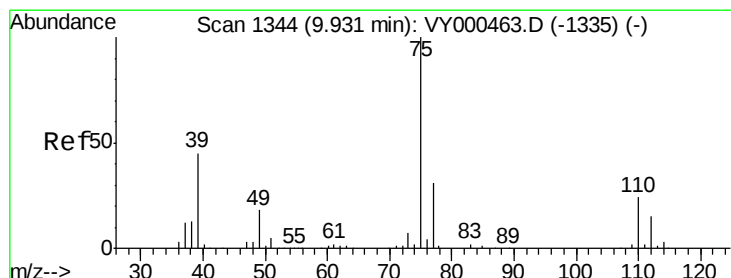
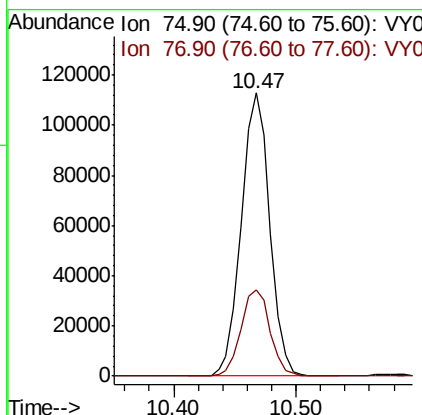
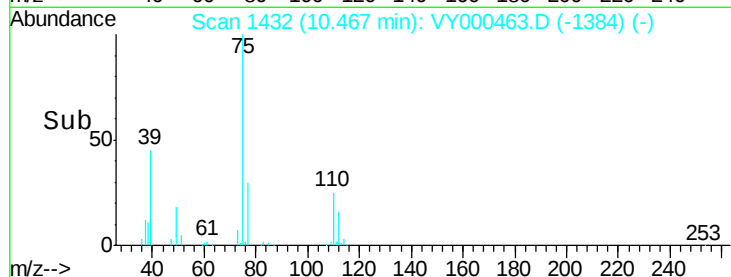
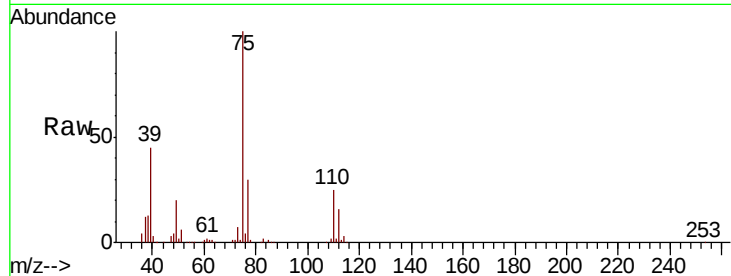
#53
t-1,3-Dichloropropene
Concen: 55.964 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 181399
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0

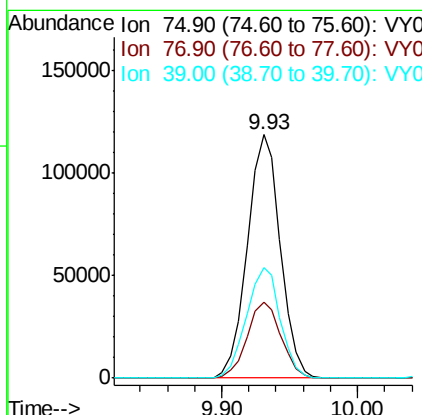
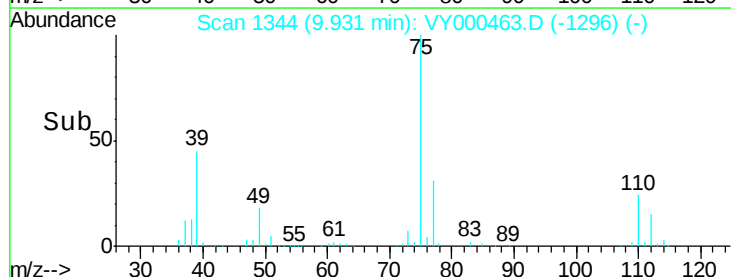
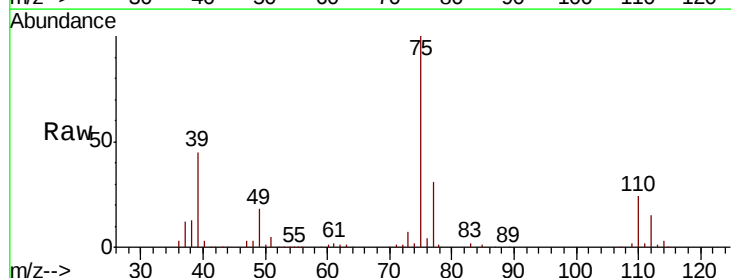
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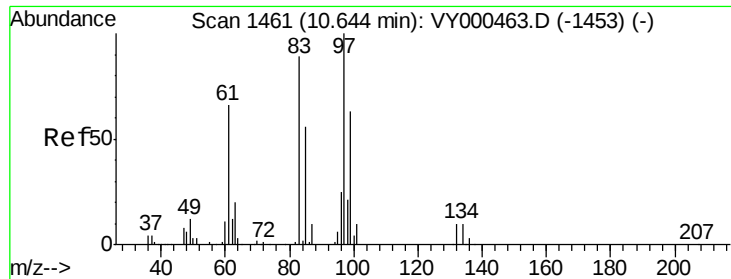
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#54
cis-1,3-Dichloropropene
Concen: 54.647 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 75 Resp: 201155
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
39 45.3 38.8 58.2





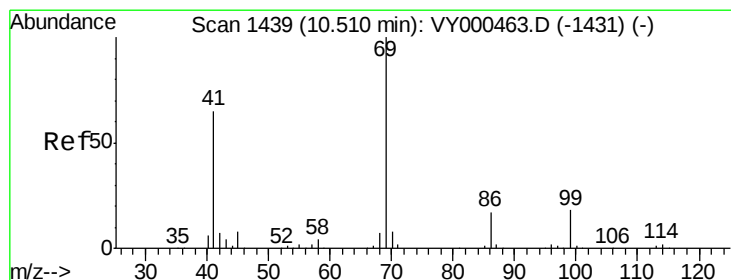
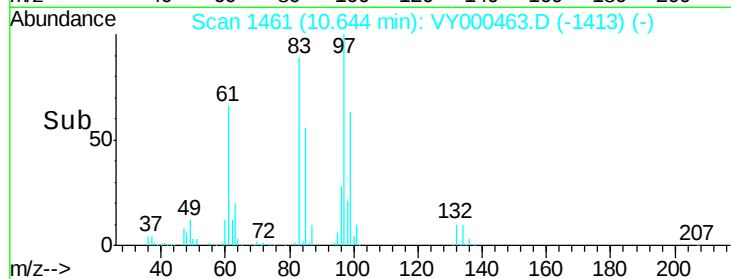
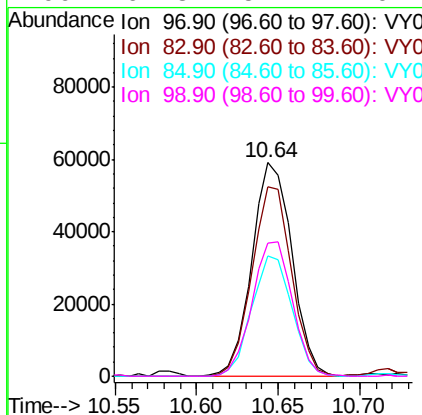
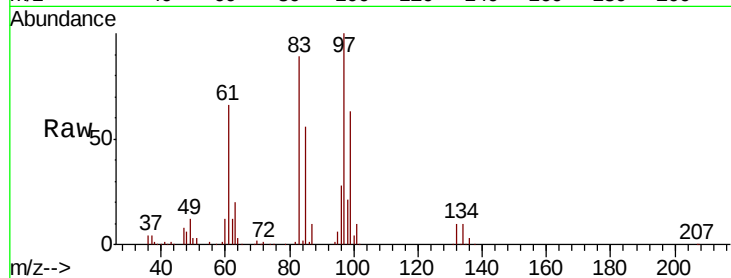
#55
 1,1,2-Trichloroethane
 Concen: 53.717 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.6
85	56.3	46.2	69.4
99	62.8	51.1	76.7

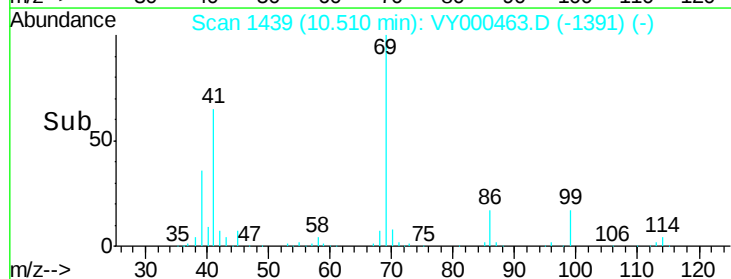
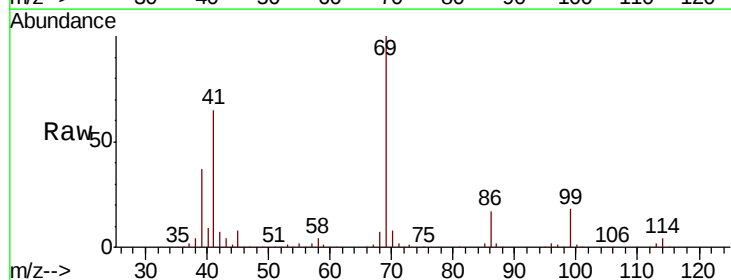
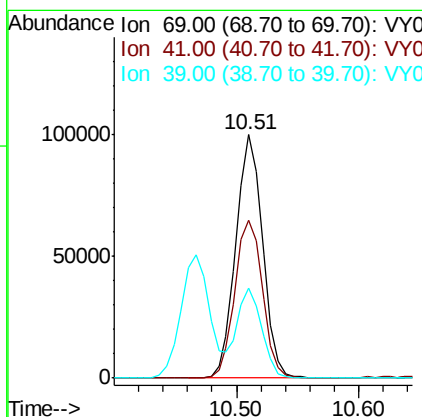
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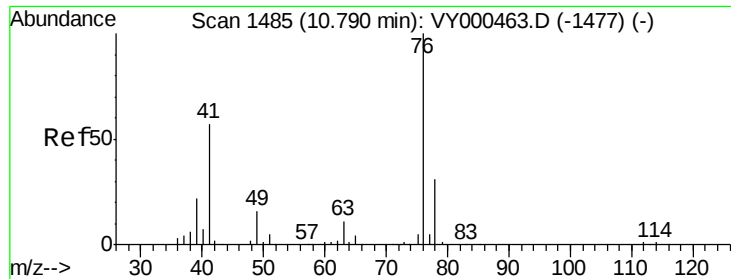
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#56
 Ethyl methacrylate
 Concen: 56.892 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.5	78.7
39	34.0	26.7	40.1





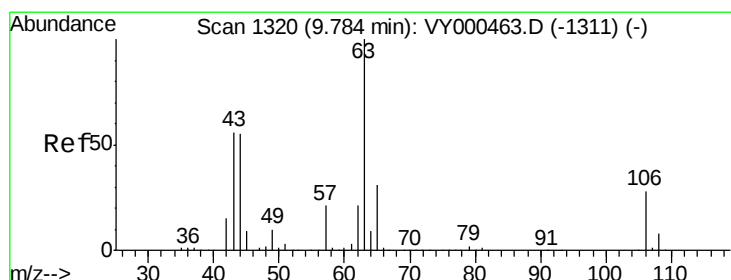
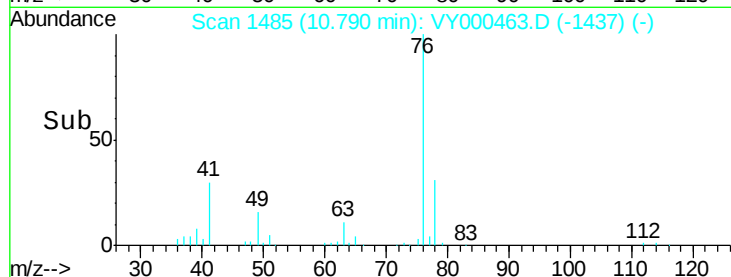
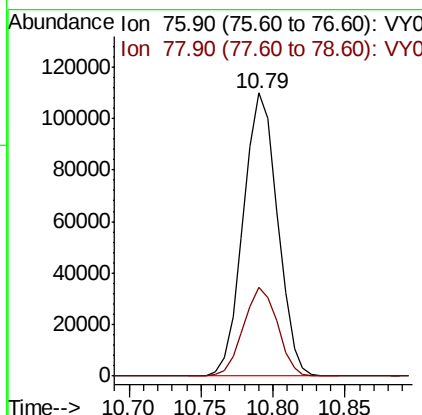
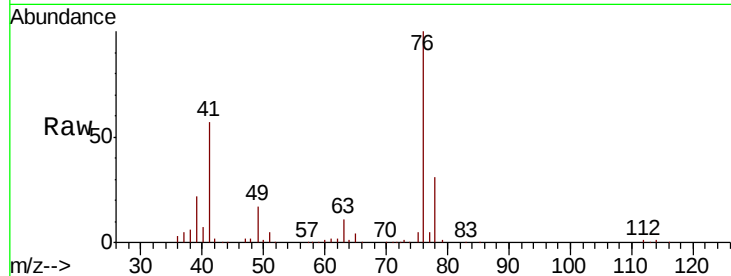
#57
 1,3-Dichloropropane
 Concen: 56.612 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 181416
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.2 39.2

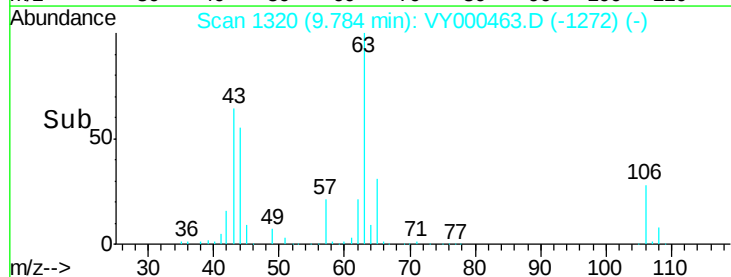
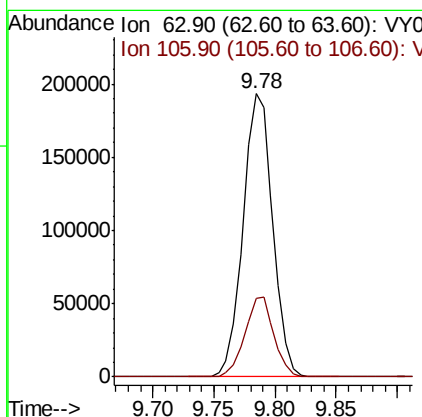
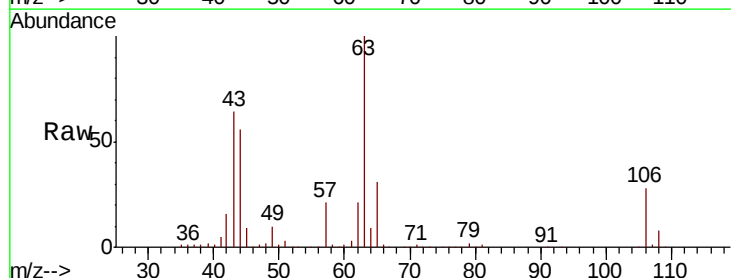
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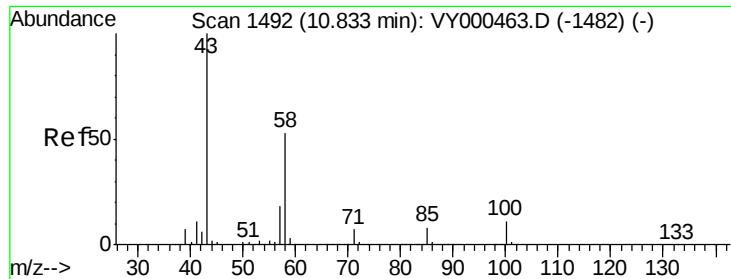
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 305.743 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion: 63 Resp: 324350
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.0 34.4





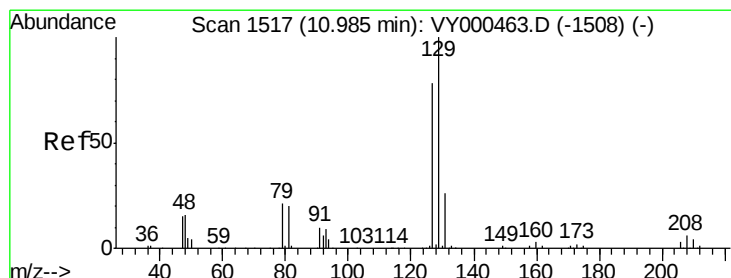
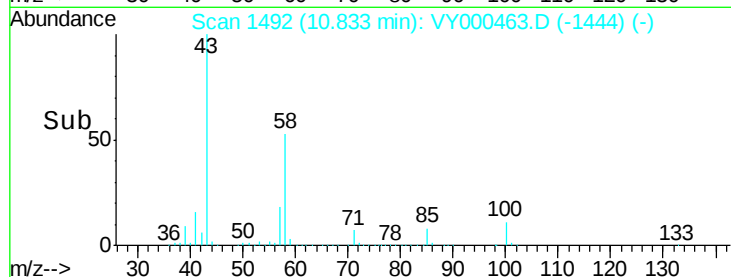
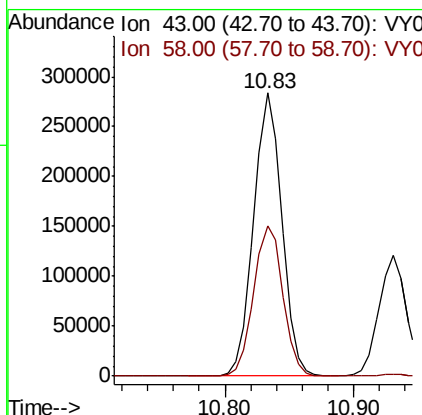
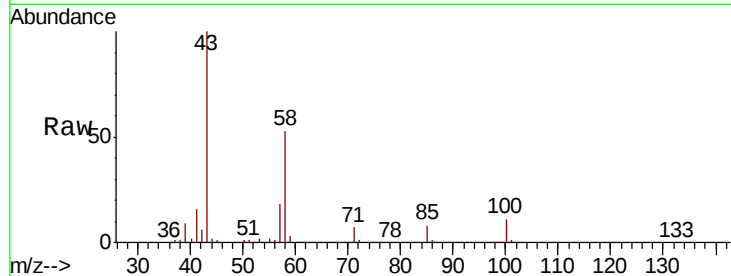
#59
2-Hexanone
Concen: 325.209 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 429095
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

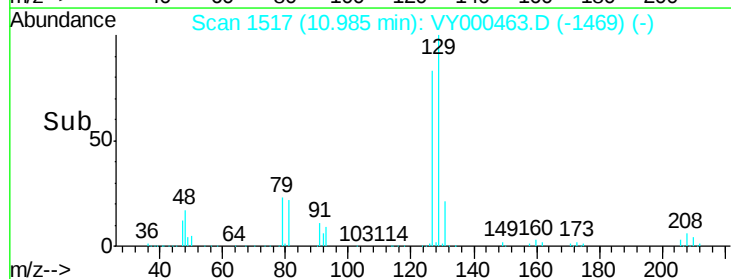
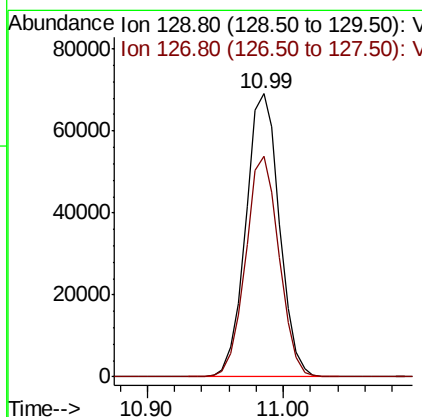
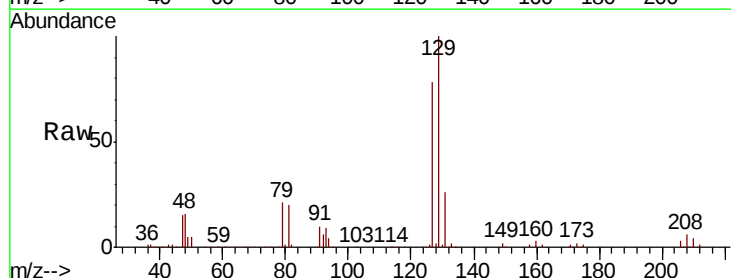
Manual Integrations
APPROVED

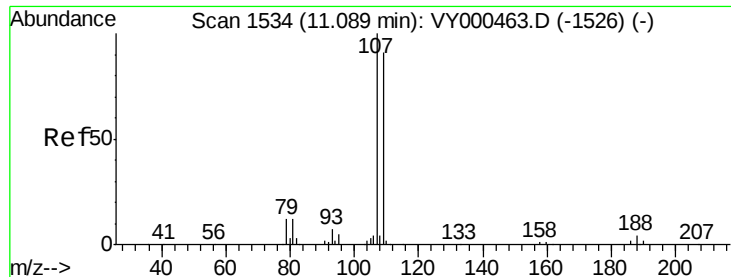
MMDadoda
10/30/2019 10:59:43 AM



#60
Dibromochloromethane
Concen: 57.702 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 129 Resp: 119339
Ion Ratio Lower Upper
129 100
127 77.3 39.9 119.7





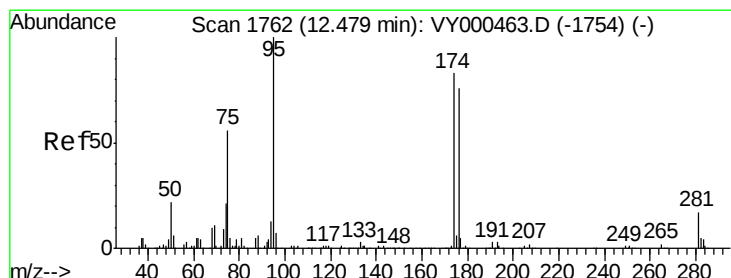
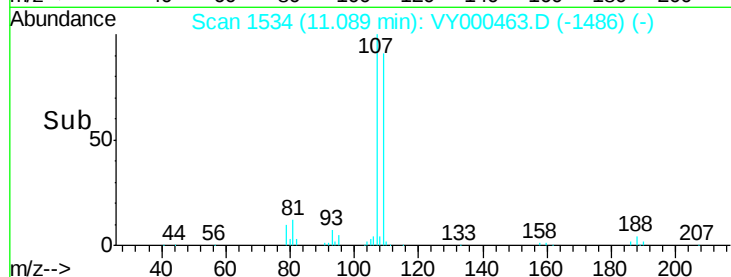
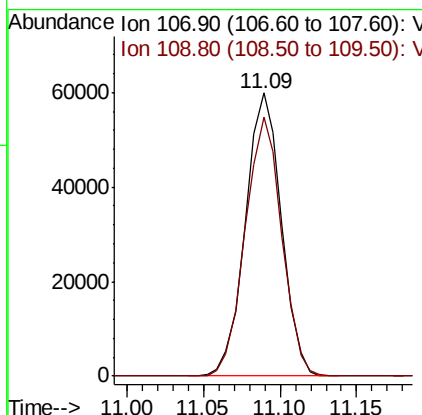
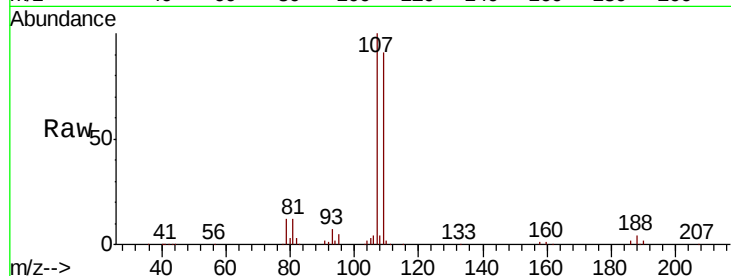
#61
 1,2-Dibromoethane
 Concen: 54.555 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.1	112.7

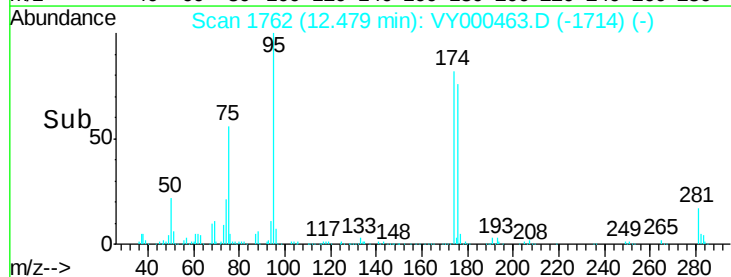
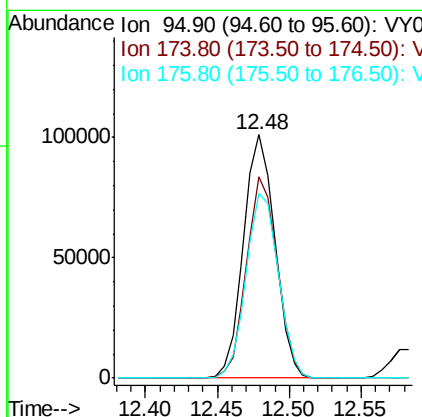
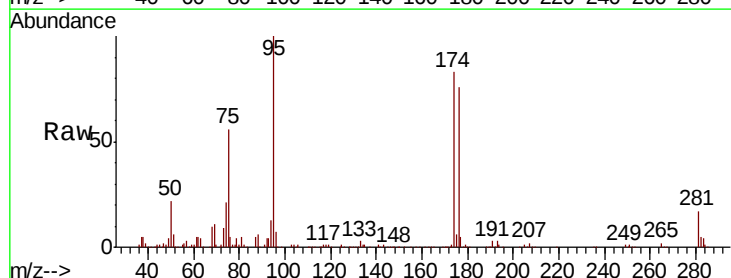
Manual Integrations
 APPROVED

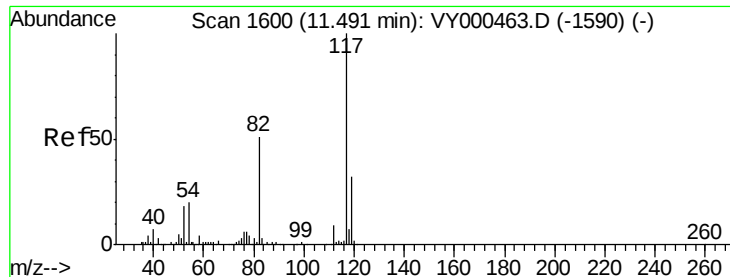
MMDadoda
 10/30/2019 10:59:43 AM



#62
 4-Bromofluorobenzene
 Concen: 52.707 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	159.6
176	77.8	0.0	153.8





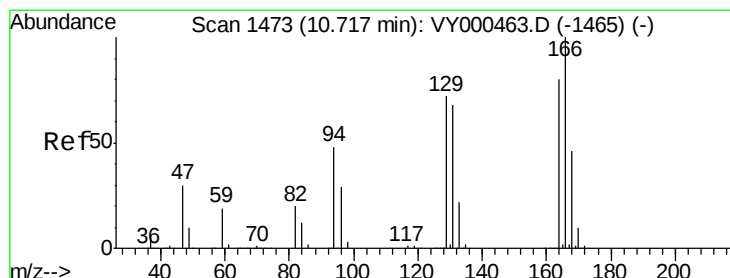
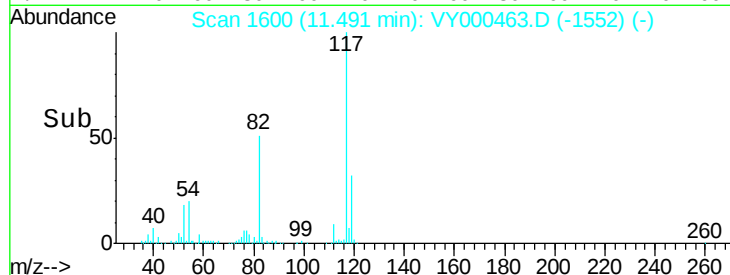
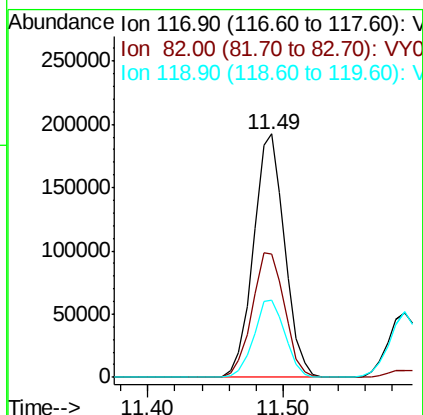
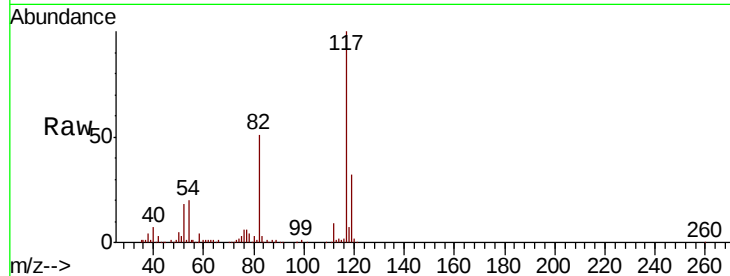
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.7	65.5
119	31.7	26.6	39.8

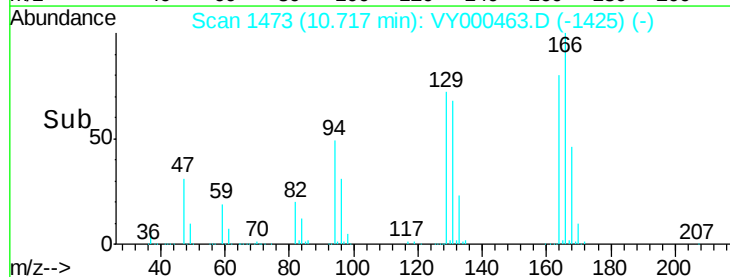
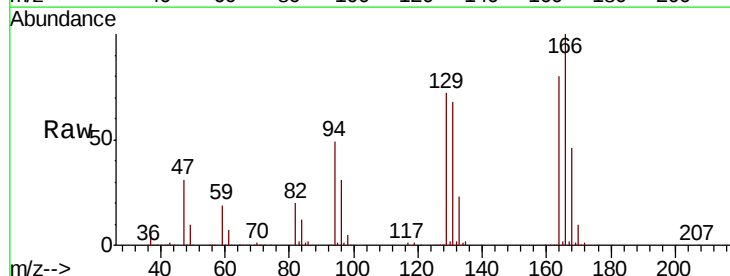
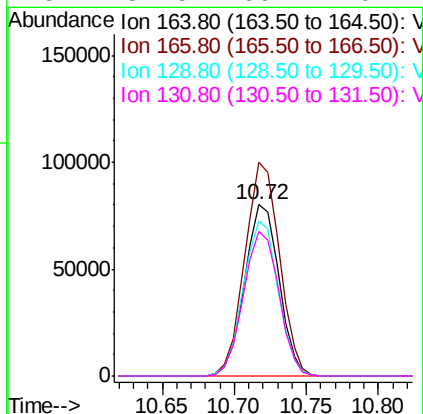
Manual Integrations
APPROVED

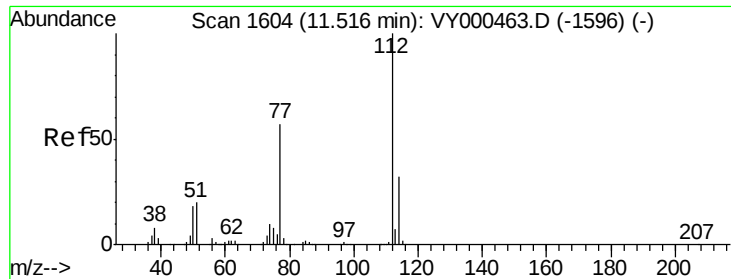
MMDadoda
10/30/2019 10:59:43 AM



#64
Tetrachloroethene
Concen: 45.183 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.6	151.0
129	90.1	72.8	109.2
131	84.5	69.4	104.2





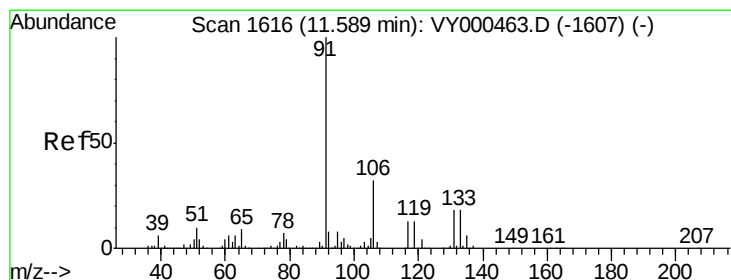
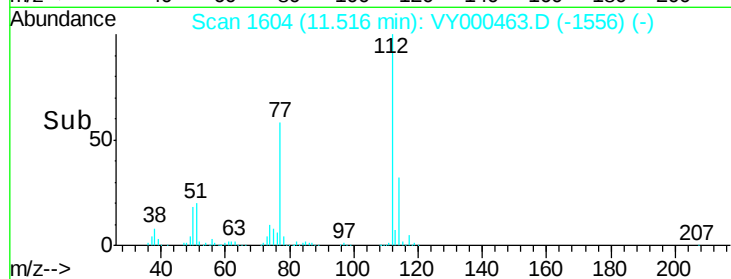
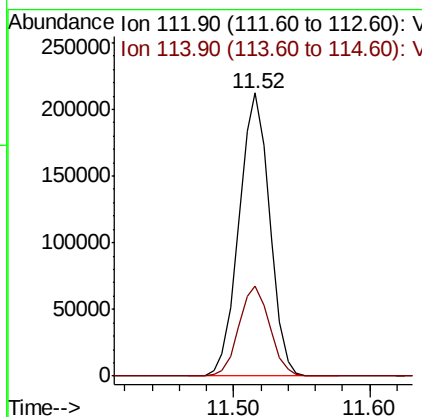
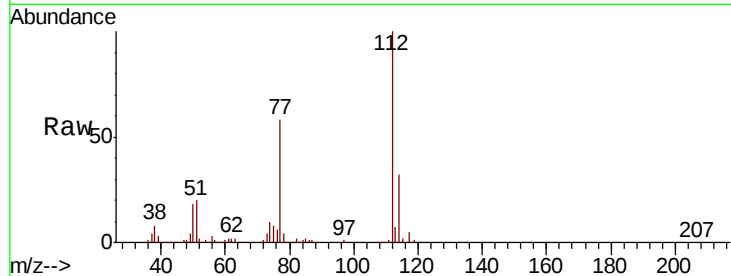
#65
Chlorobenzene
Concen: 51.152 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	333389		
114	31.6	25.7	38.5	

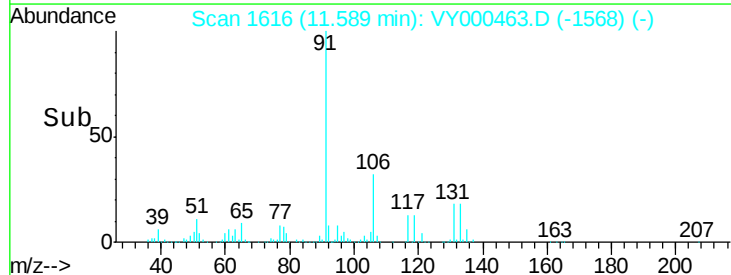
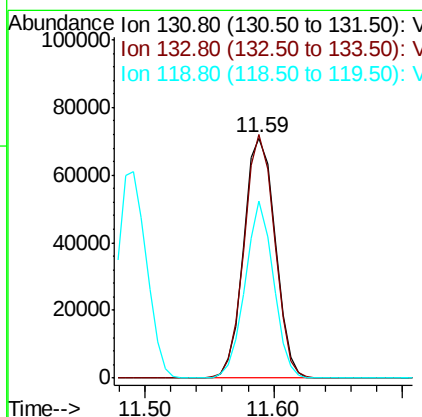
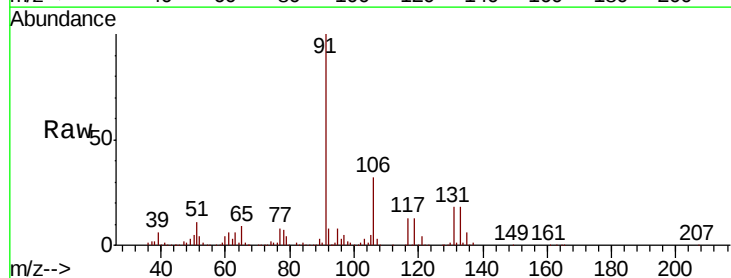
Manual Integrations
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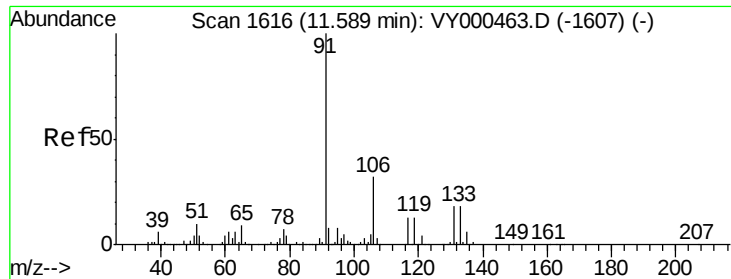
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	120278		
133	97.7	47.2	141.6	
119	66.1	32.6	98.0	





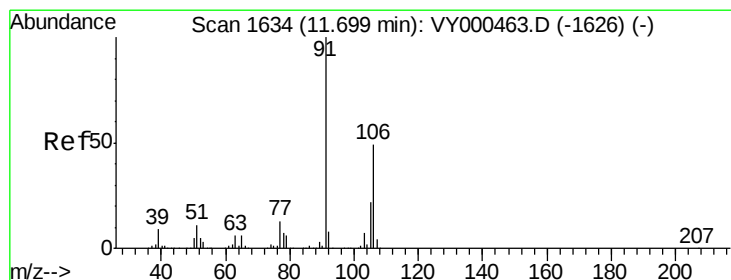
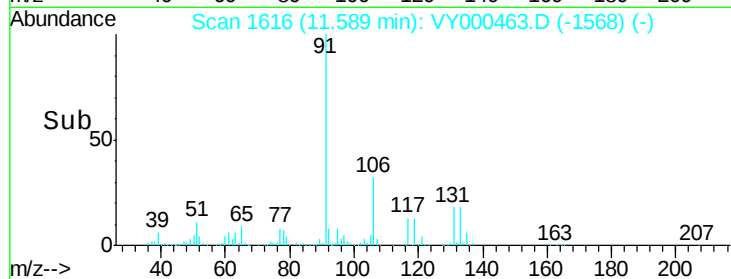
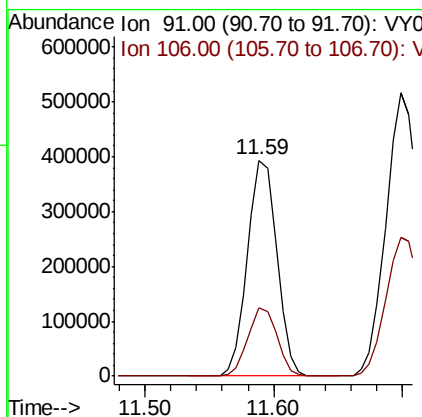
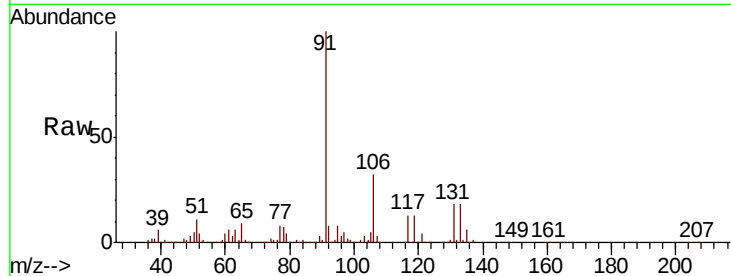
#67
Ethyl Benzene
Concen: 51.368 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 620640
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

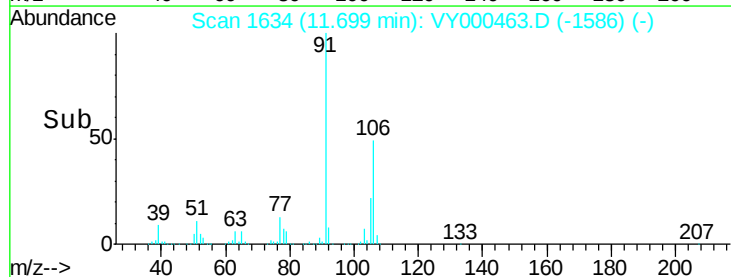
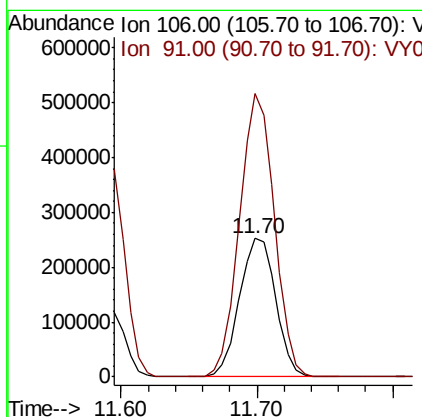
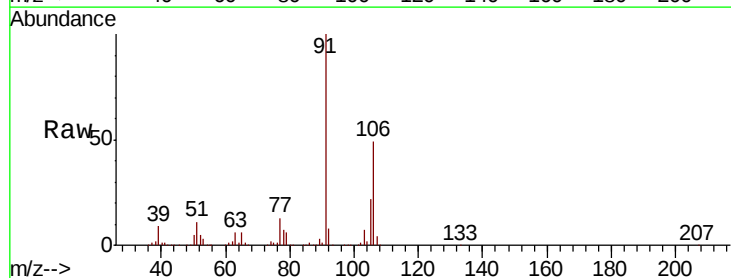
Manual Integrations
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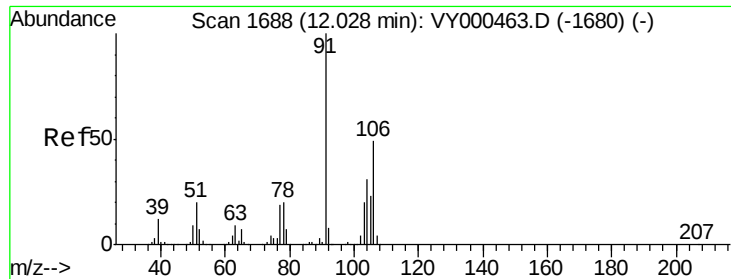
MMDadoda
10/30/2019 10:59:43 AM



#68
m/p-Xylenes
Concen: 101.694 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 106 Resp: 469709
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3





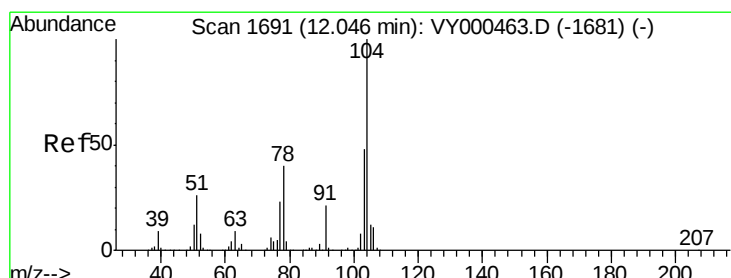
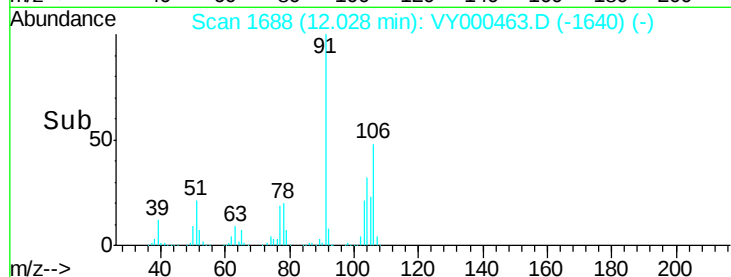
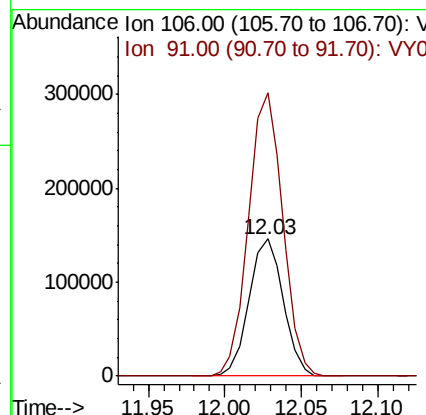
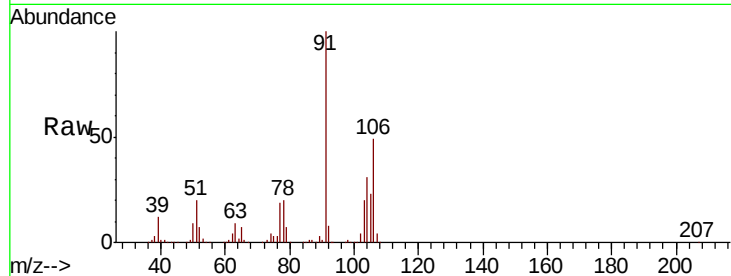
#69
o-Xylene
Concen: 51.669 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.7	104.7	313.9

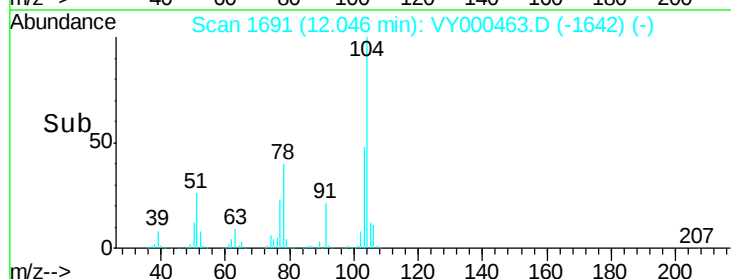
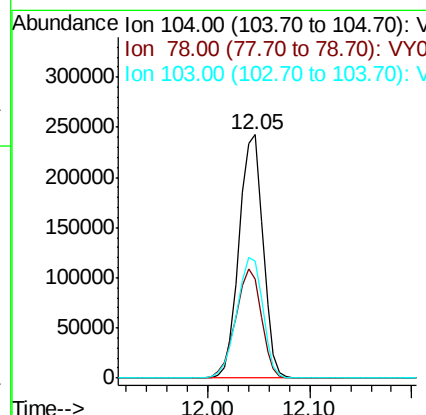
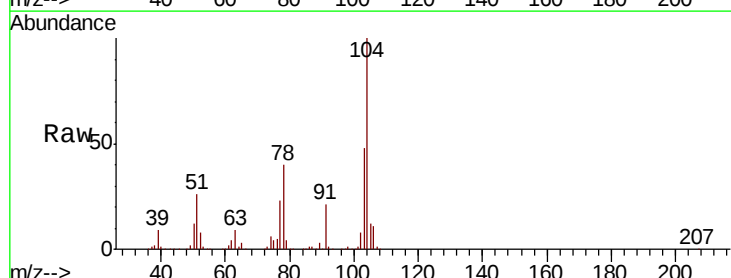
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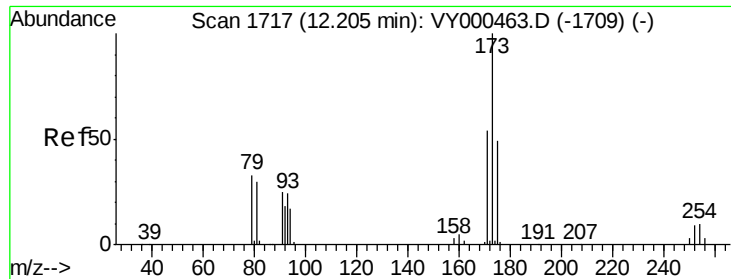
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#70
Styrene
Concen: 52.681 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.6
103	54.1	43.1	64.7





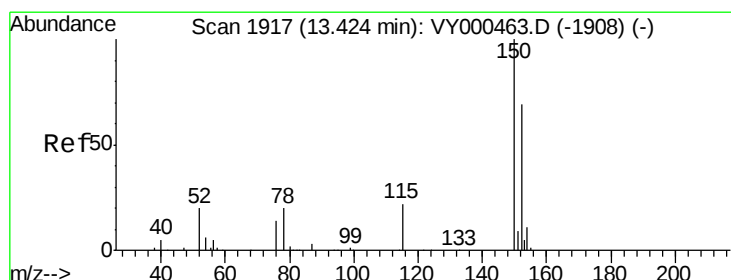
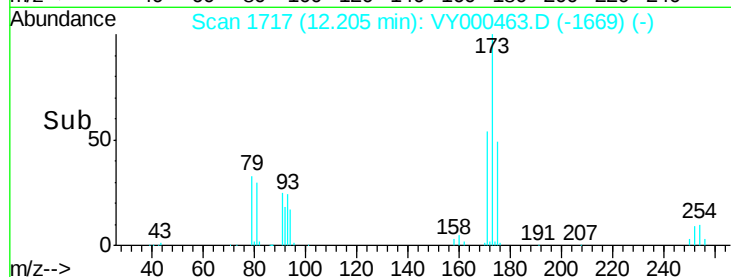
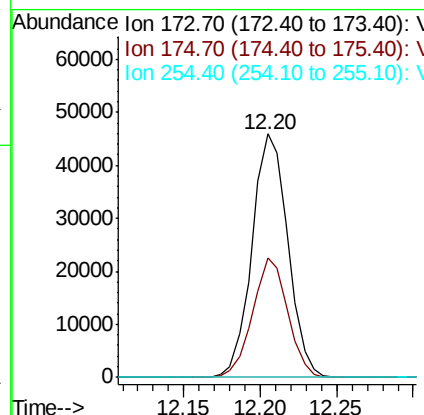
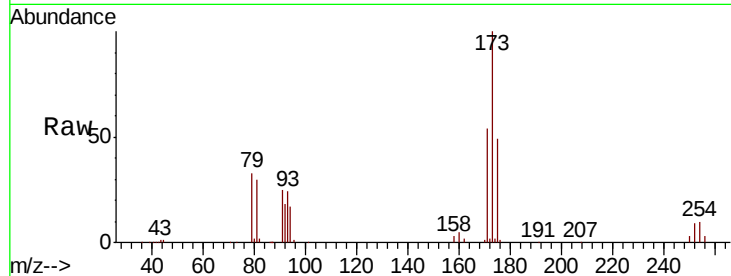
#71
Bromoform
Concen: 56.701 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.6
254	0.0	0.1	0.1#

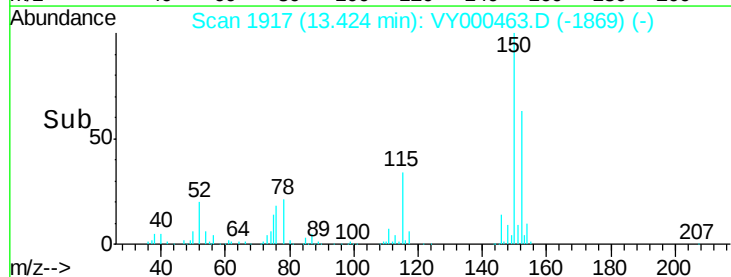
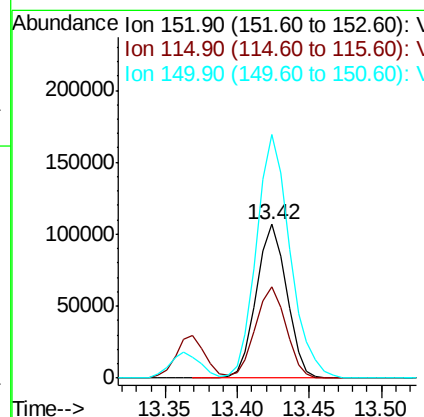
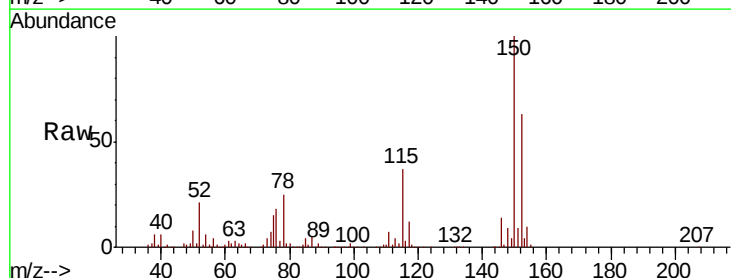
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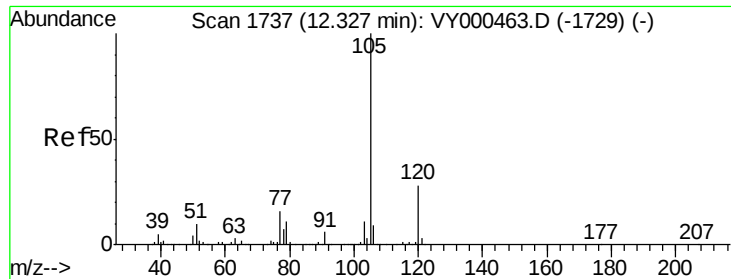
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	174.9	0.0	348.4





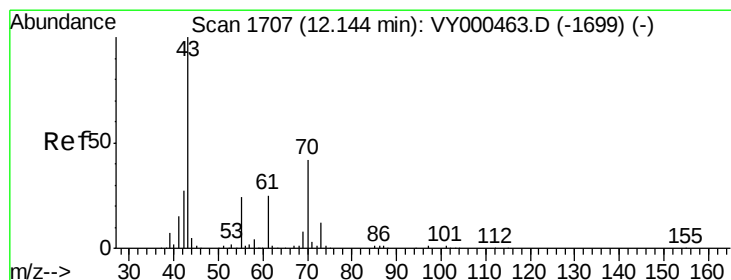
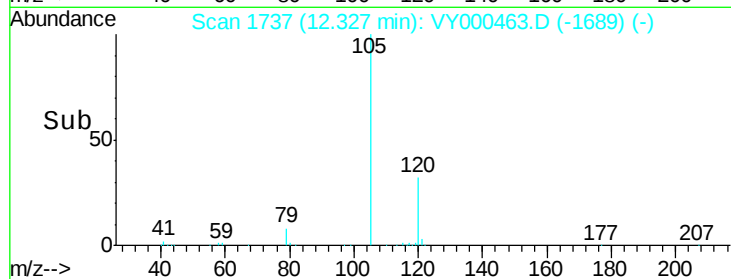
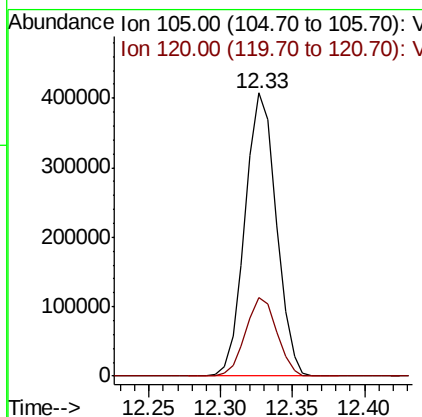
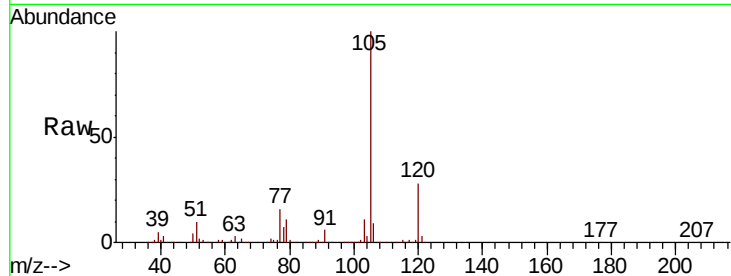
#73
Isopropylbenzene
Concen: 50.243 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.4	40.2

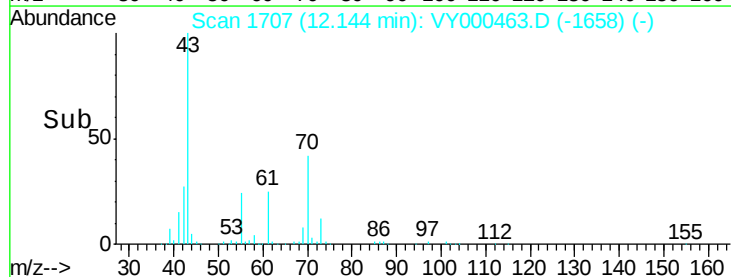
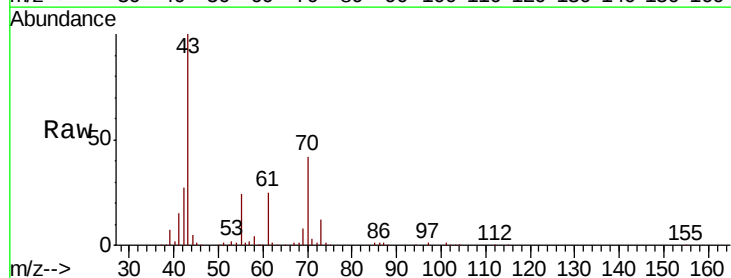
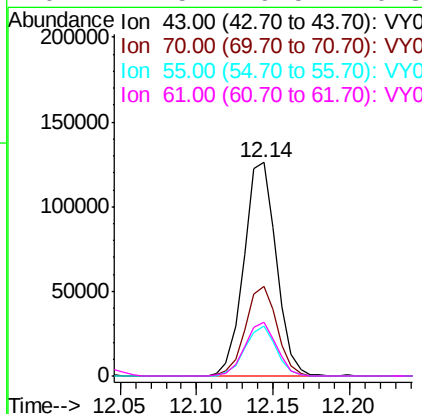
Manual Integrations
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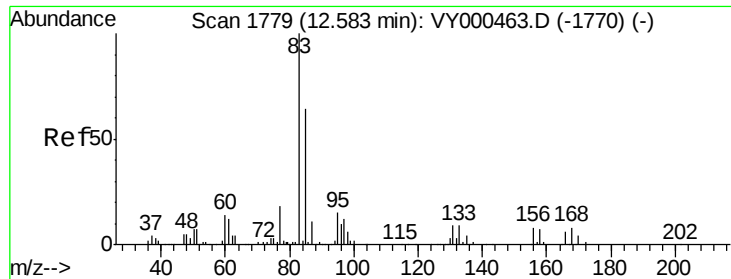
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#74
N-ethyl acetate
Concen: 62.238 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.3	32.9	49.3
55	22.7	17.8	26.6
61	24.5	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.744 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

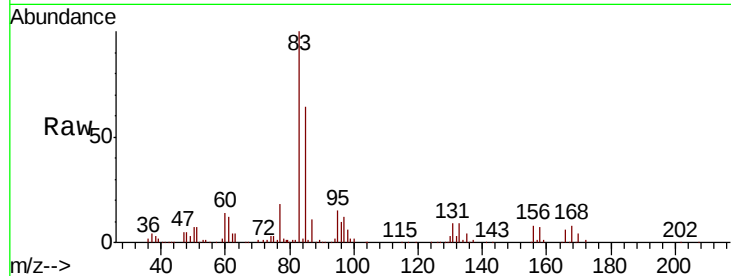
ClientSampleId :

VSTDCCC050

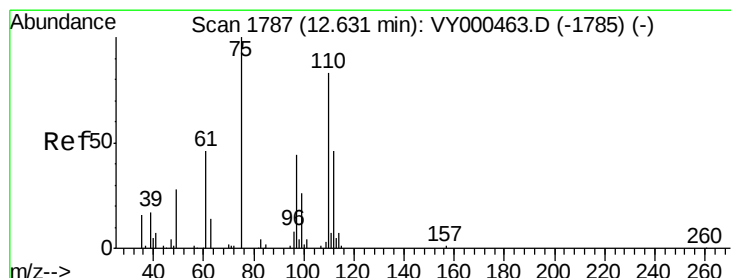
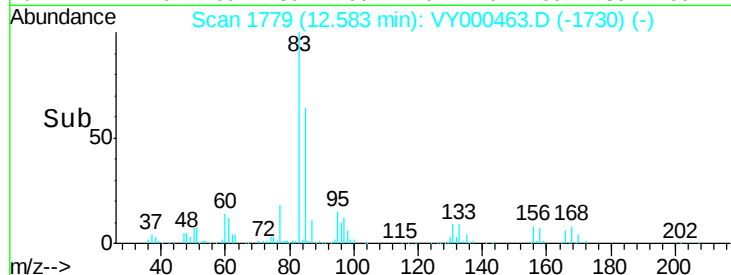
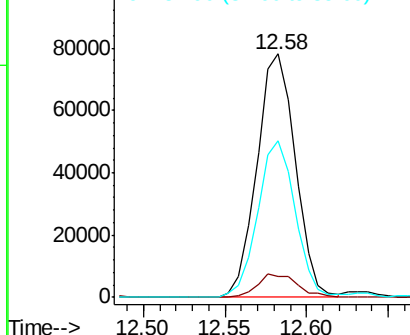
Tot Ion:	83	Resp:	127200
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	62.9	32.9	98.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 48.633 ug/l m

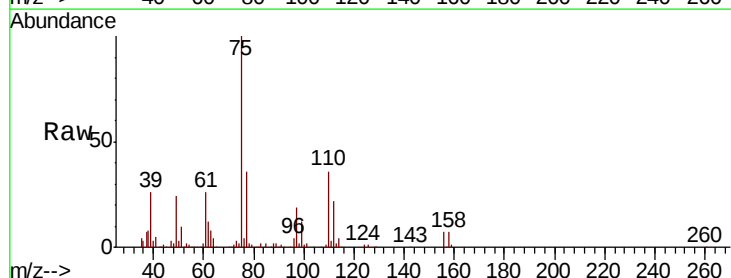
RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

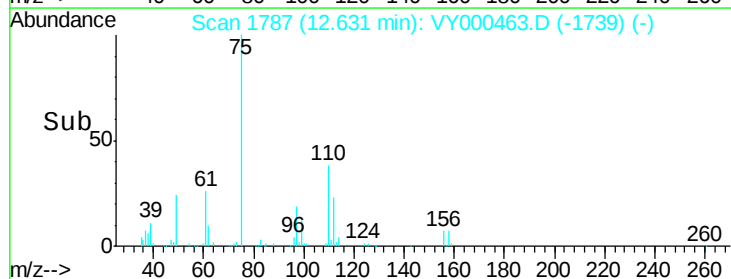
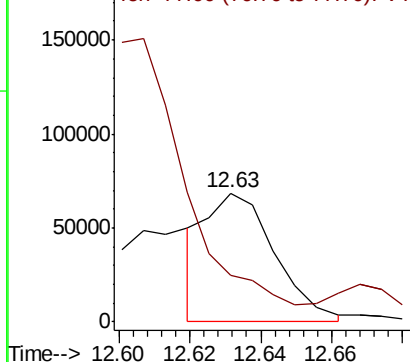
Lab File: VY000463.D

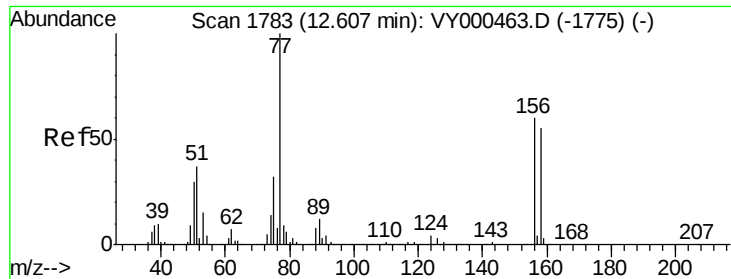
Acq: 29 Oct 2019 10:27

Tgt Ion:	75	Resp:	93209
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.765 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

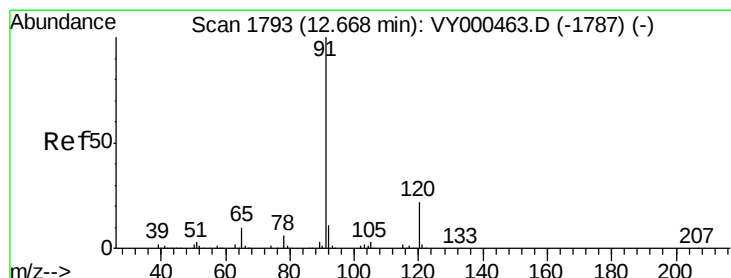
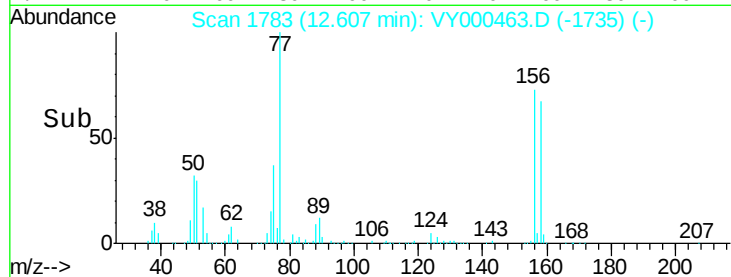
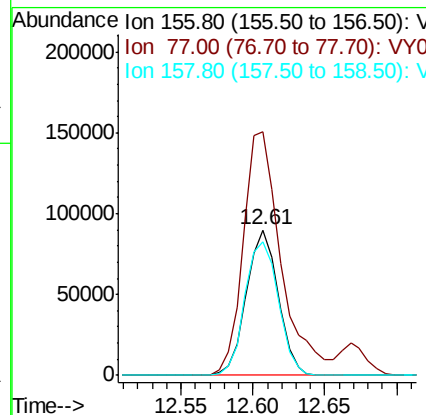
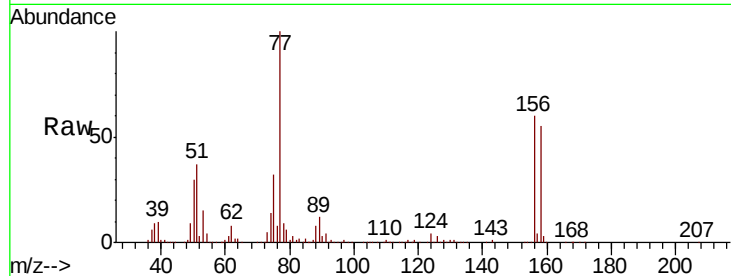
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.8	101.0	302.9
158	97.0	49.7	149.1

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#78

n-propylbenzene

Concen: 50.775 ug/l

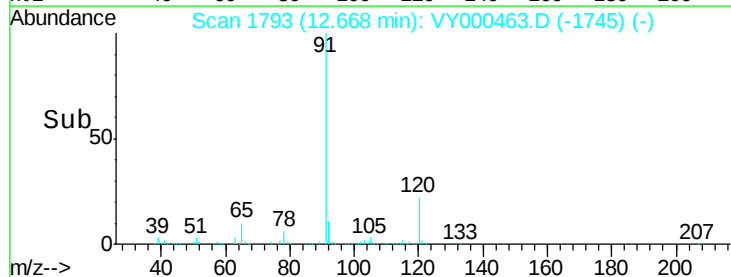
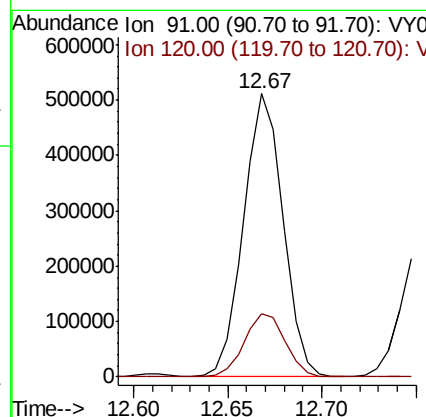
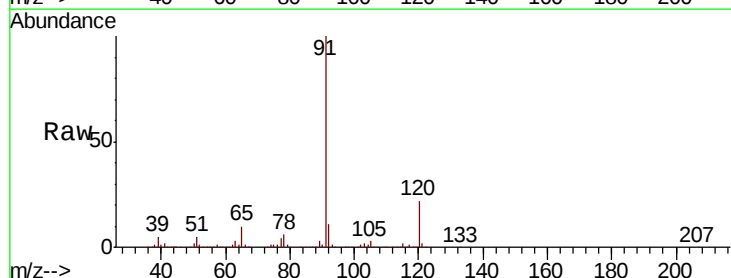
RT: 12.67 min Scan# 1793

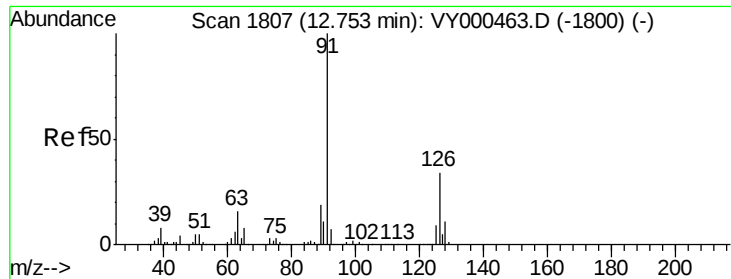
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5





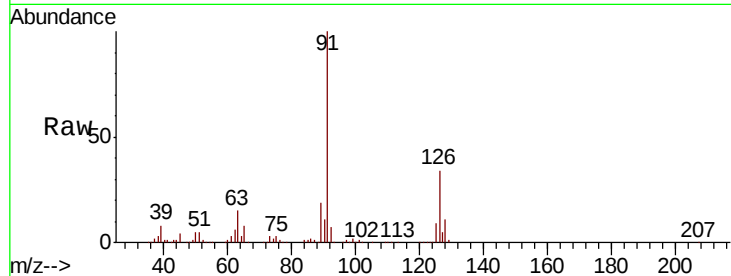
#79
2-Chlorotoluene
Concen: 51.013 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

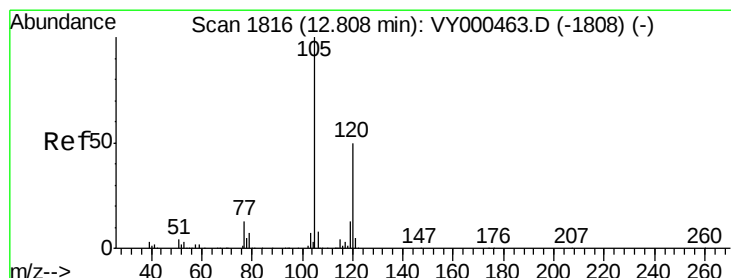
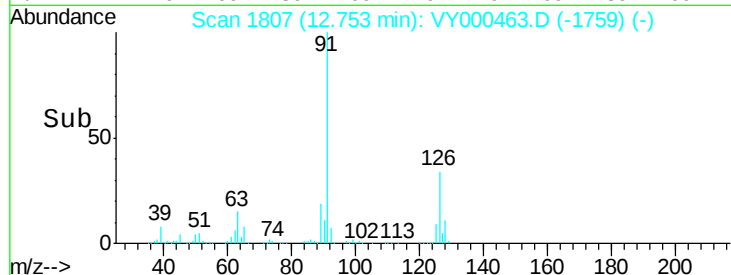
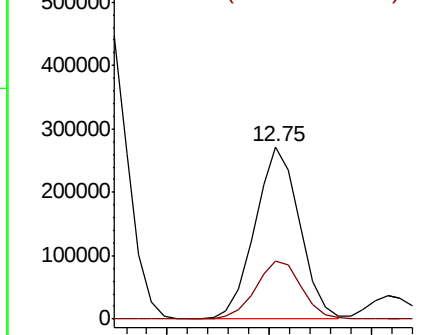
Tot Ion: 91 Resp: 411091
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.3

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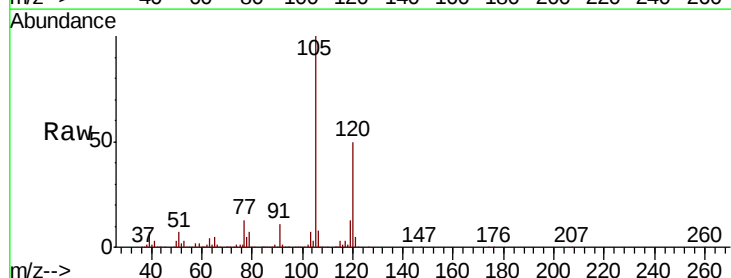


Abundance Ion 91.00 (90.70 to 91.70): VY000463.D (-1800) (-)
Ion 125.90 (125.60 to 126.60): VY000463.D (-1800) (-)

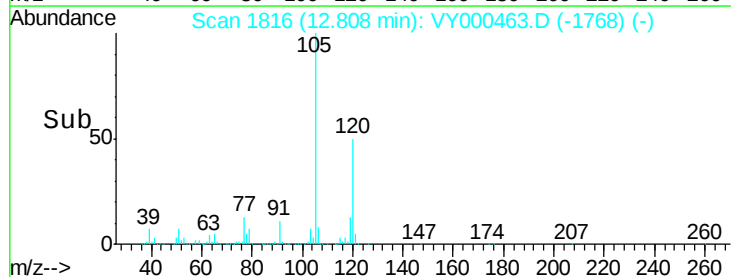
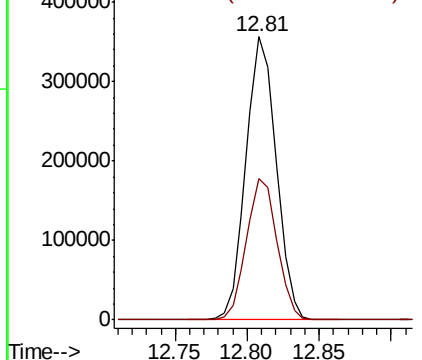


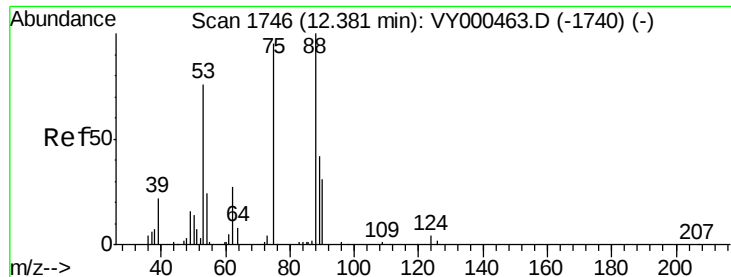
#80
1,3,5-Trimethylbenzene
Concen: 50.883 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion: 105 Resp: 518538
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000463.D (-1808) (-)
Ion 120.00 (119.70 to 120.70): VY000463.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.015 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

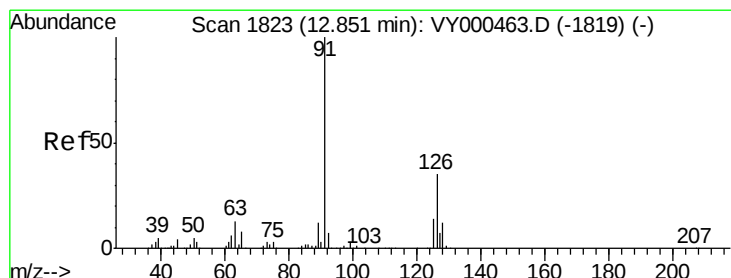
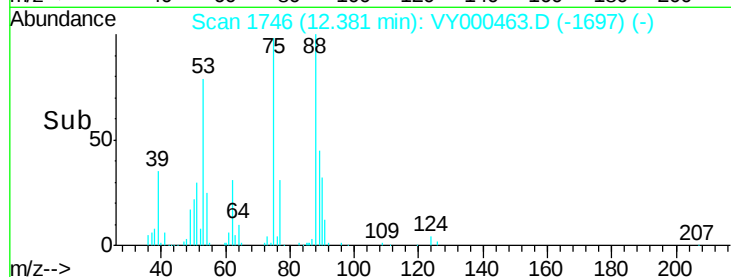
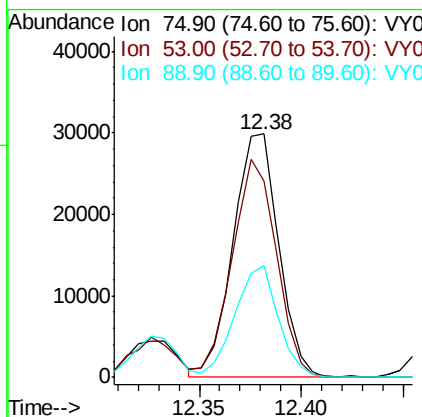
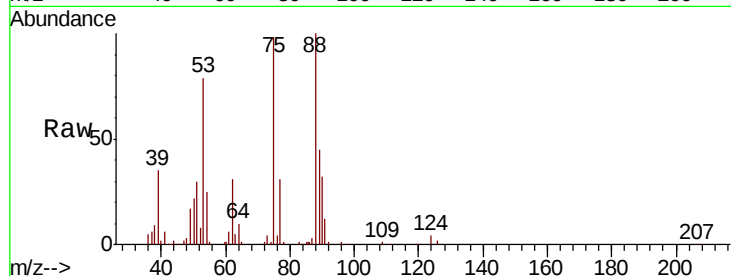
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	46440
Ion	Ratio	Lower	Upper
75	100		
53	86.7	71.3	106.9
89	43.5	35.1	52.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.700 ug/l

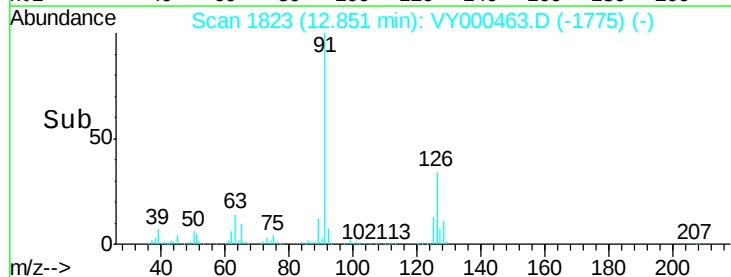
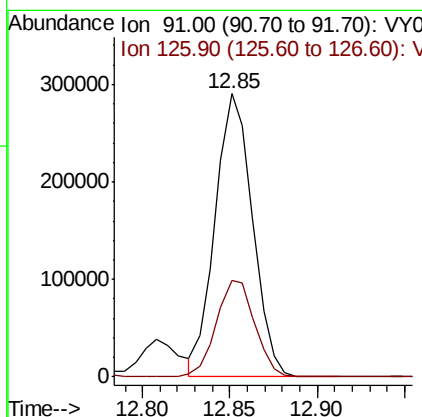
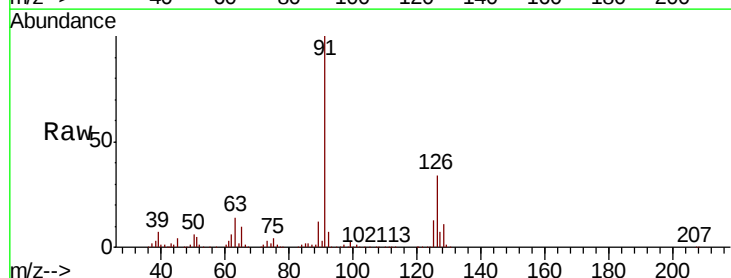
RT: 12.85 min Scan# 1823

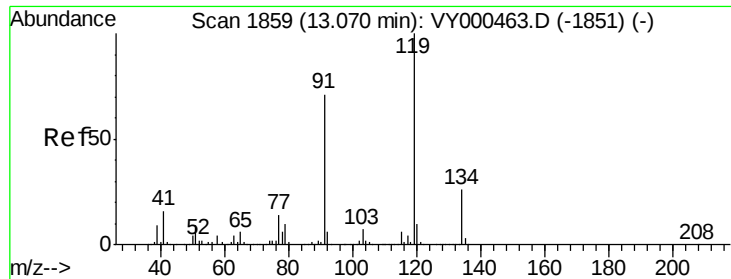
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion:	91	Resp:	431878
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.5





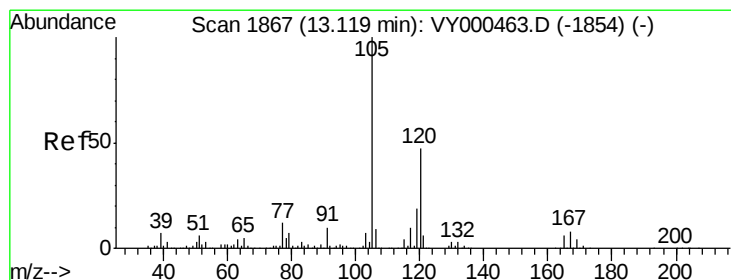
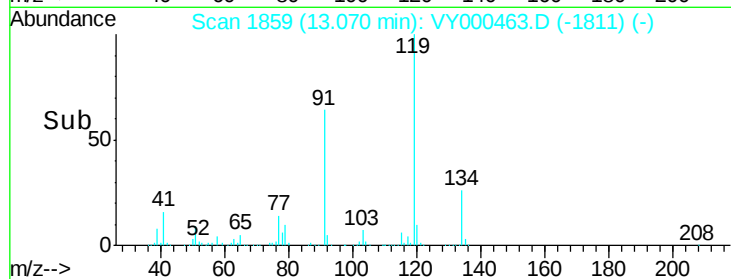
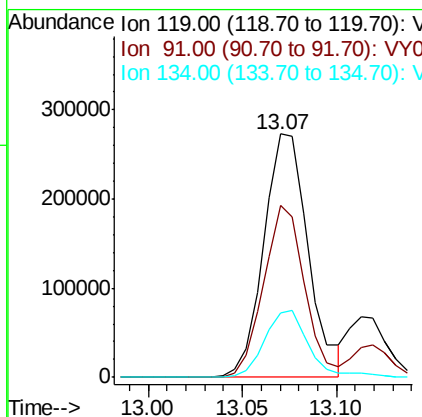
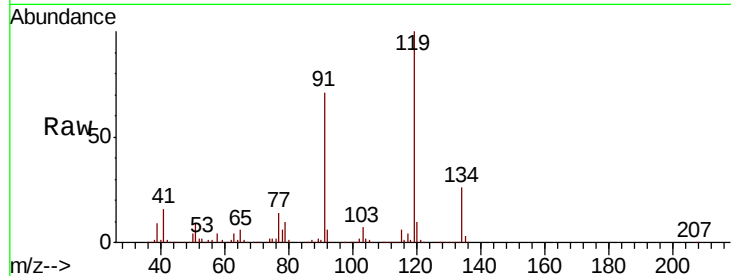
#83
 tert-Butylbenzene
 Concen: 51.845 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.9	98.7
134	27.3	13.3	39.8

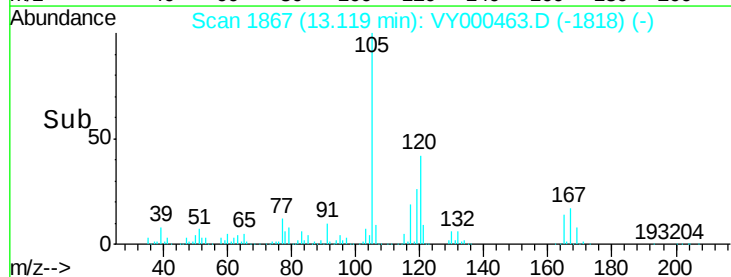
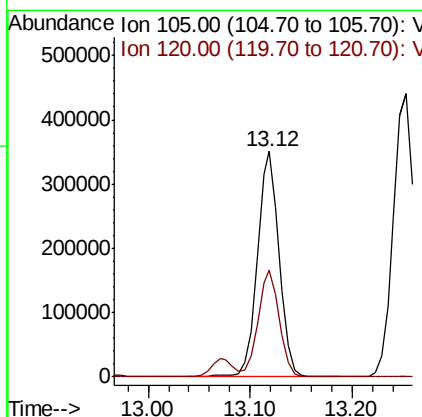
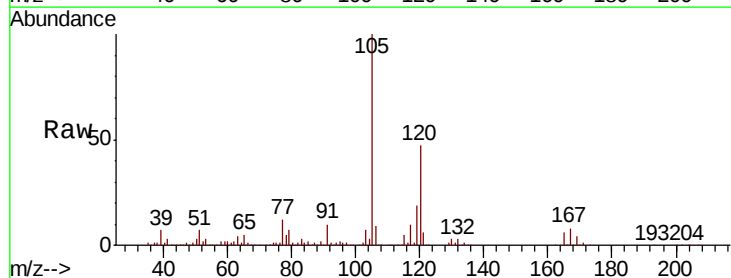
Manual Integrations
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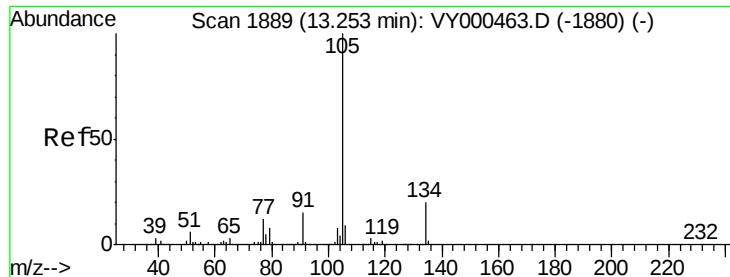
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.815 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





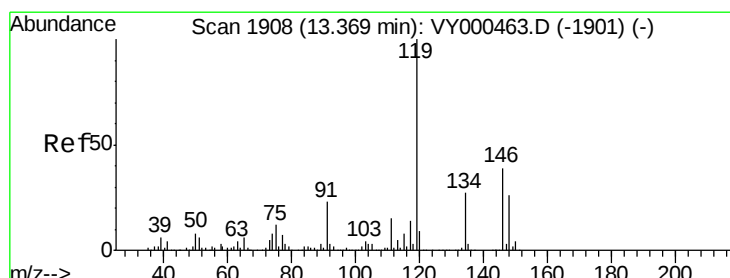
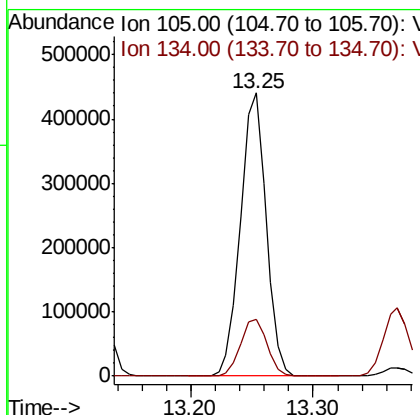
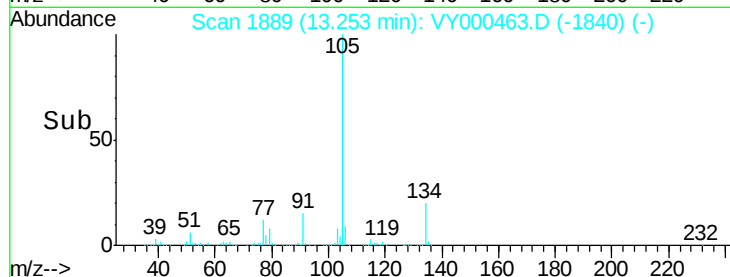
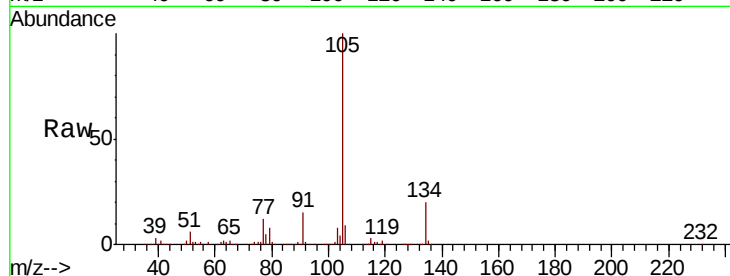
#85
 sec-Butylbenzene
 Concen: 51.197 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.1

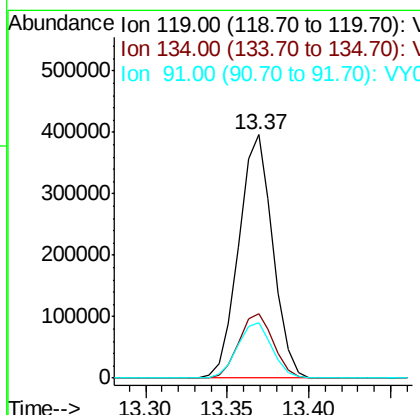
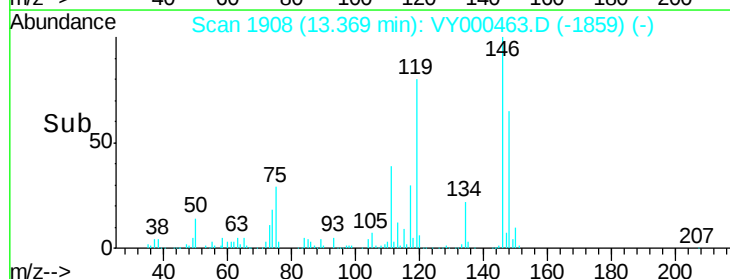
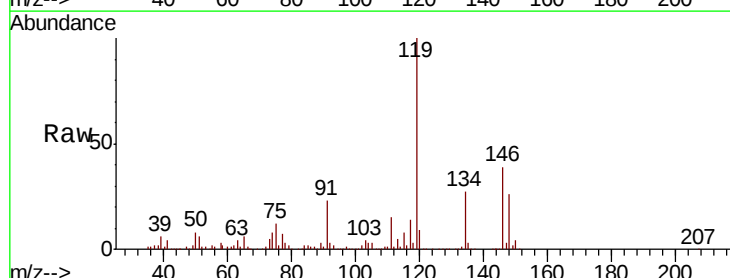
Manual Integrations
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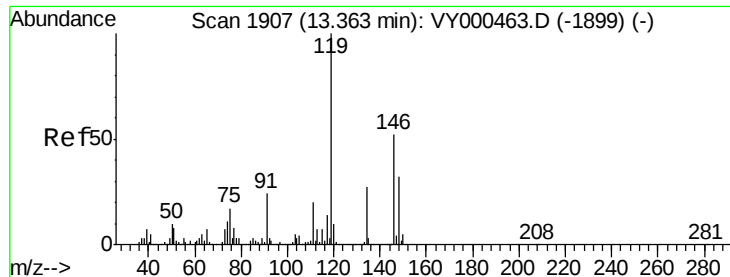
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 52.731 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.8
91	23.1	12.0	36.1





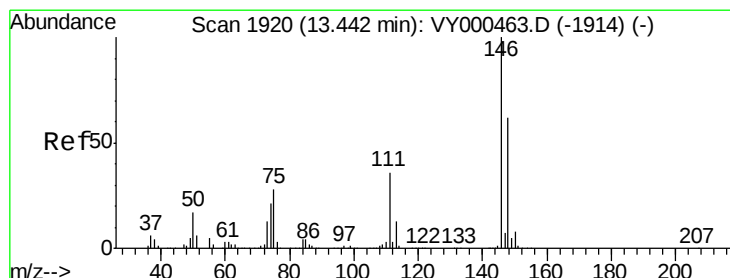
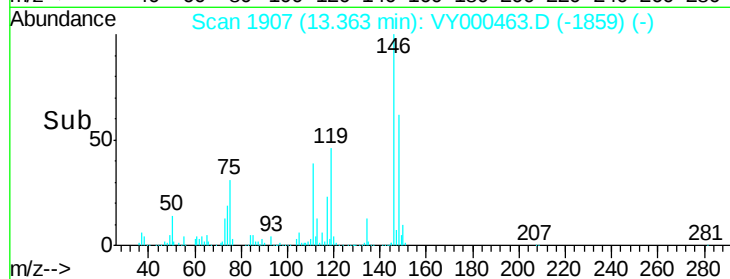
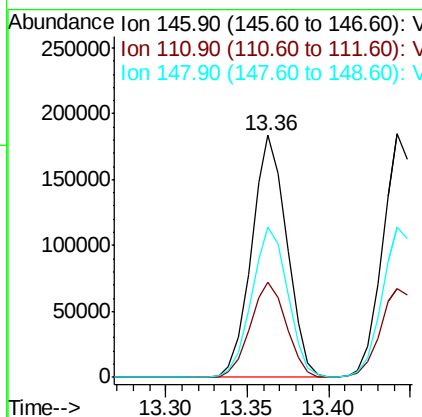
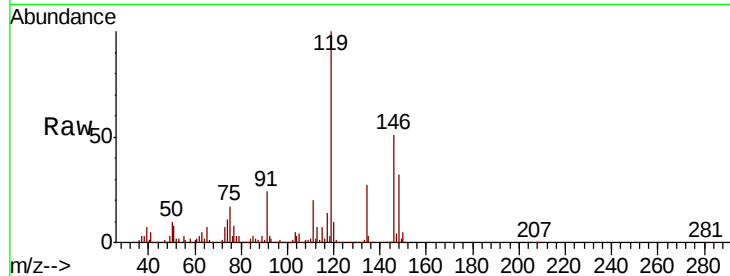
#87
 1,3-Dichlorobenzene
 Concen: 52.026 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277211		
111	39.9	20.6	61.8	
148	63.0	31.9	95.5	

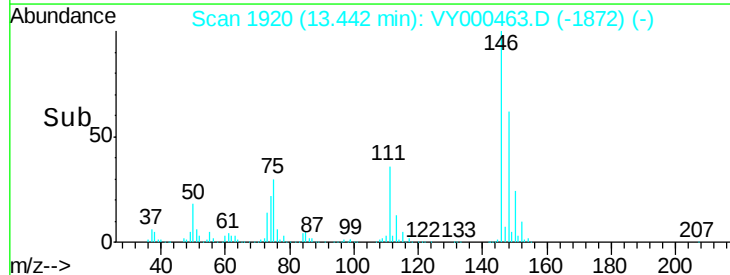
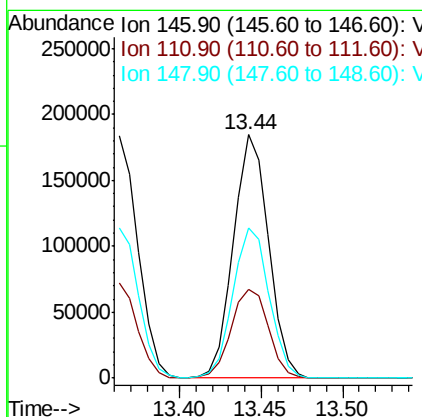
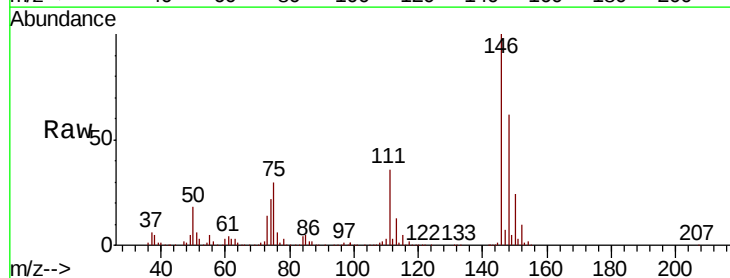
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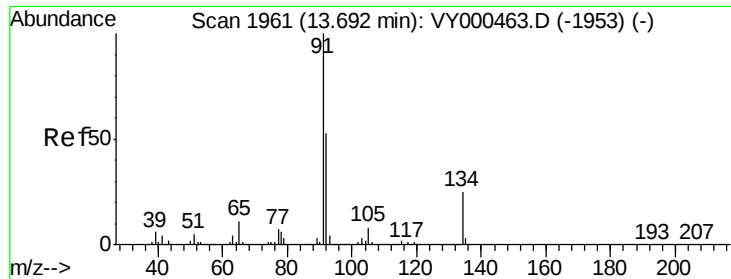
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#88
 1,4-Dichlorobenzene
 Concen: 52.049 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277205		
111	38.9	20.1	60.2	
148	63.6	32.4	97.2	





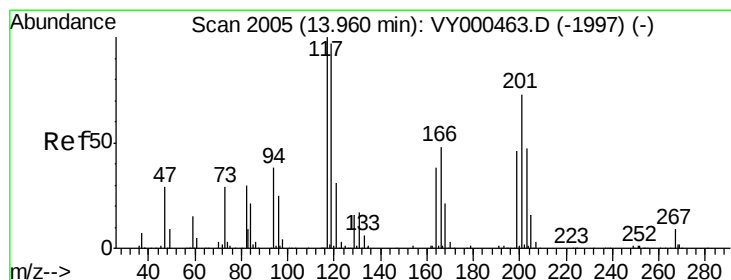
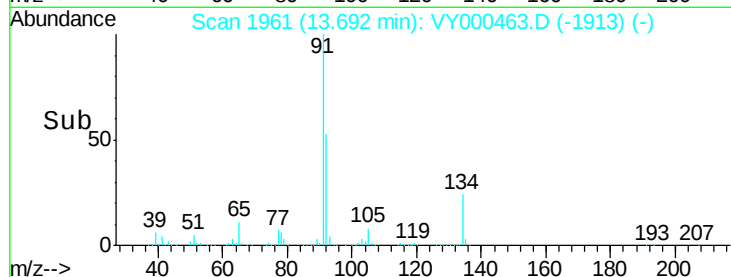
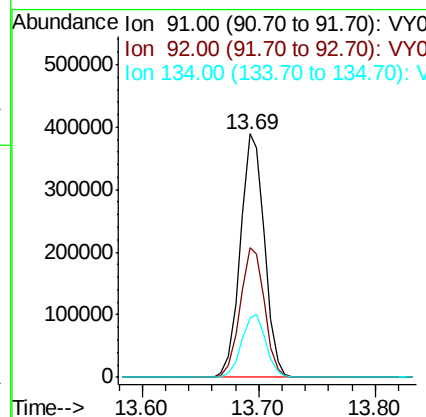
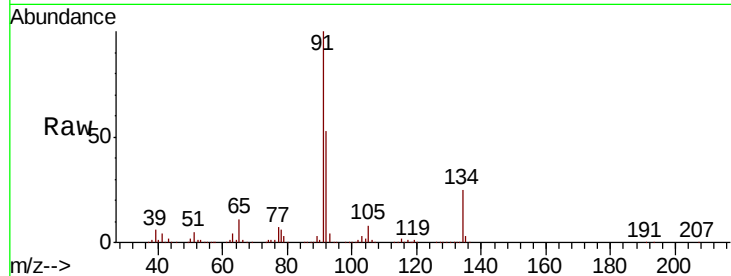
#89
n-Butylbenzene
Concen: 52.009 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	559390		
92	53.9		26.7	80.1
134	26.0		13.0	38.9

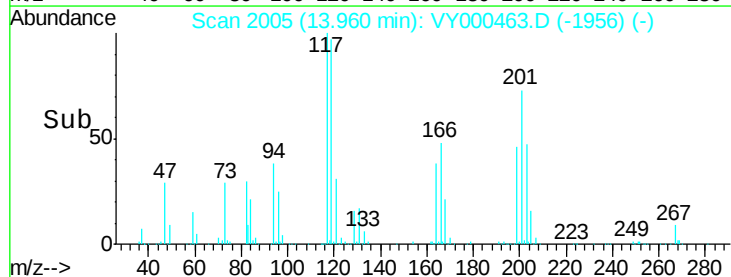
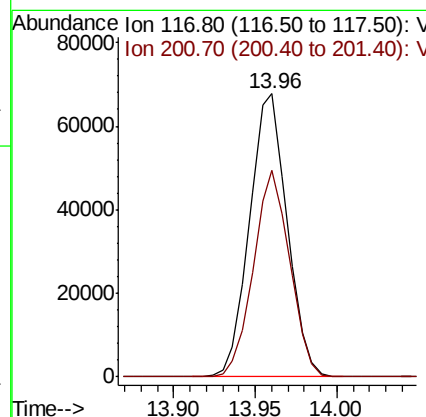
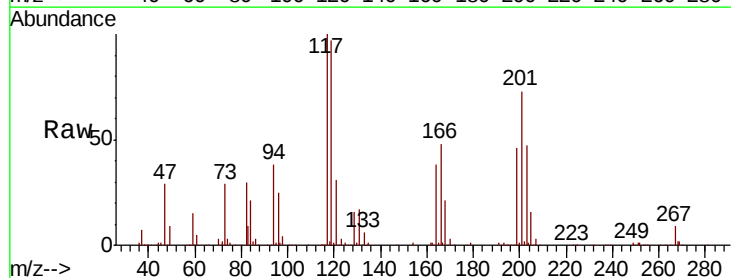
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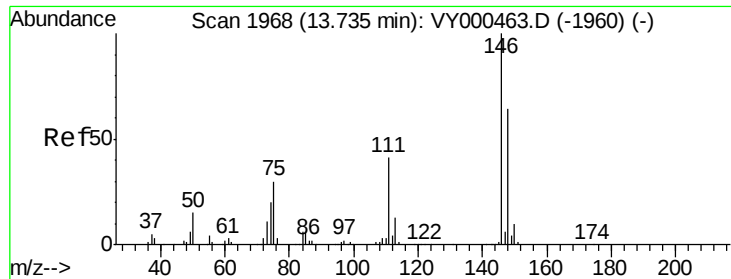
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#90
Hexachloroethane
Concen: 53.970 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108773		
201	70.7		36.3	108.7





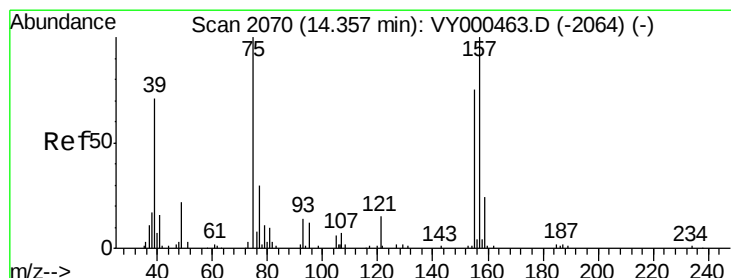
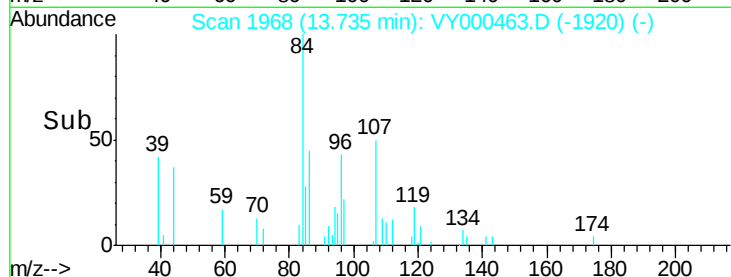
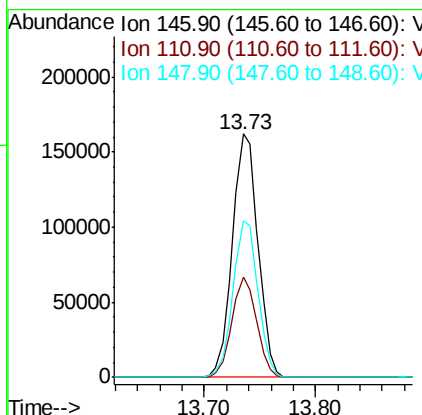
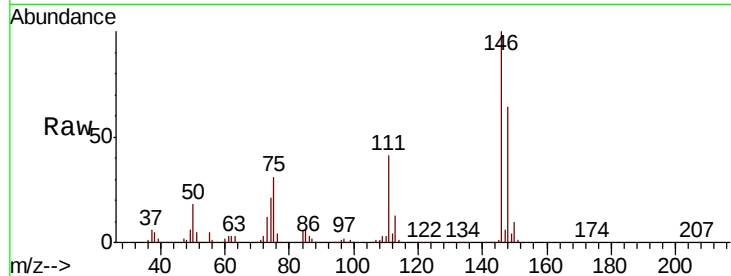
#91
 1,2-Dichlorobenzene
 Concen: 53.240 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.5	61.5
148	62.9	31.6	95.0

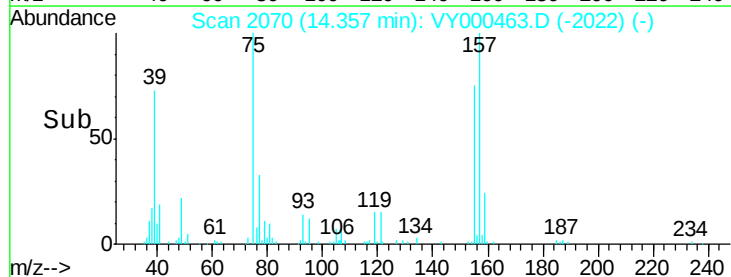
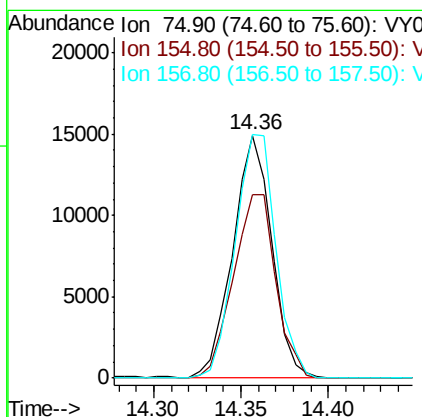
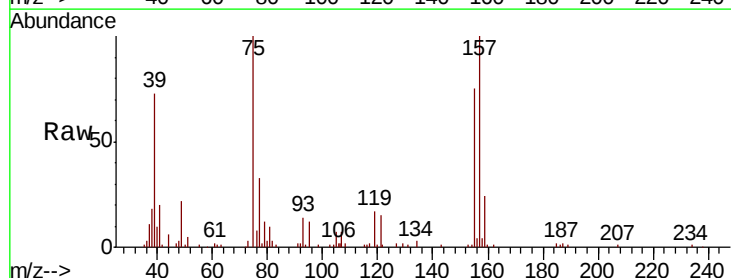
Manual Integrations
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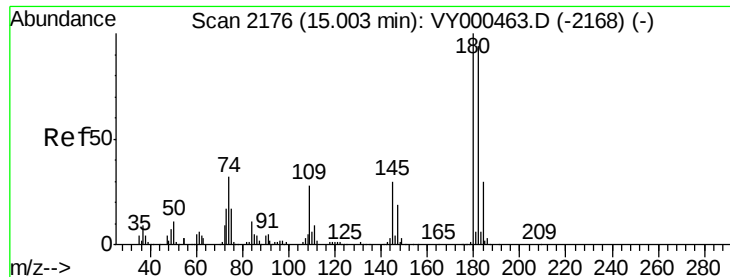
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.382 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000463.D
 Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	45.8	137.3
157	104.4	55.6	166.9





#93

1,2,4-Trichlorobenzene

Concen: 51.438 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Instrument :

MSVOA_Y

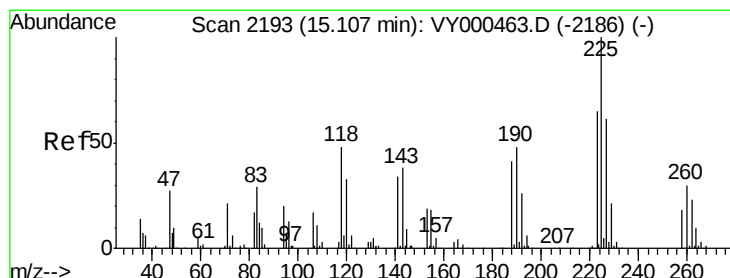
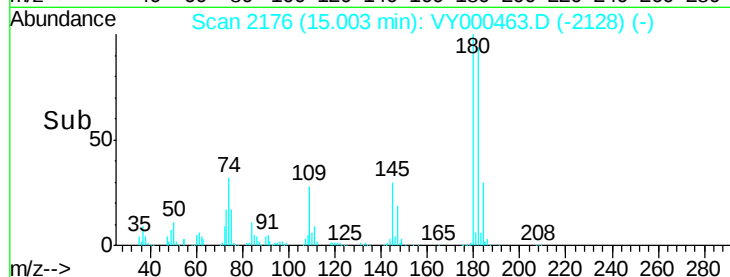
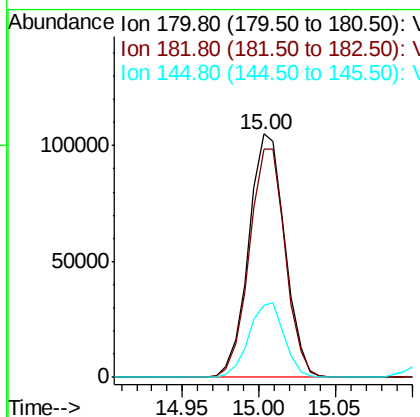
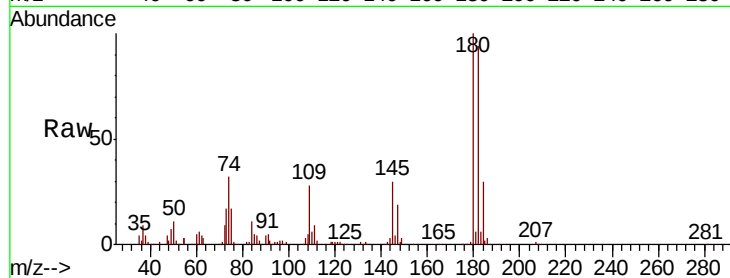
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	172695
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.5	142.6
145	29.9	15.4	46.1

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:59:43 AM



#94

Hexachlorobutadiene

Concen: 48.385 ug/l

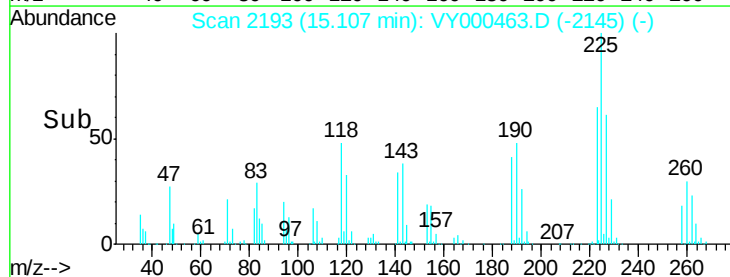
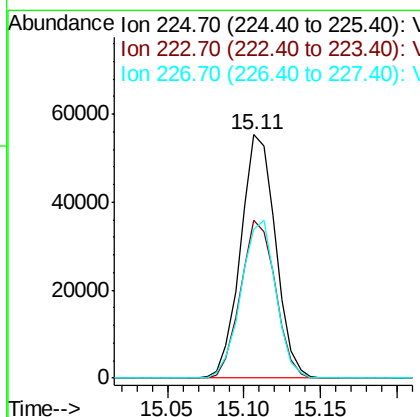
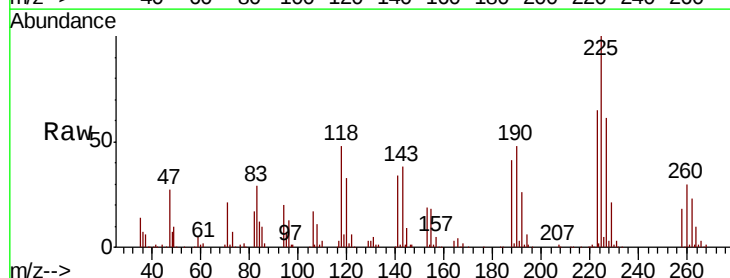
RT: 15.11 min Scan# 2193

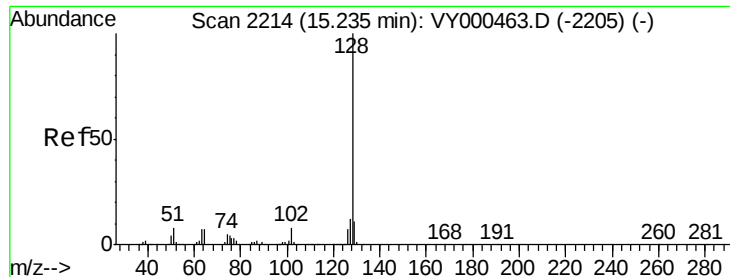
Delta R.T. -0.01 min

Lab File: VY000463.D

Acq: 29 Oct 2019 10:27

Tgt Ion:	225	Resp:	87910
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.9	95.7
227	64.4	31.4	94.2





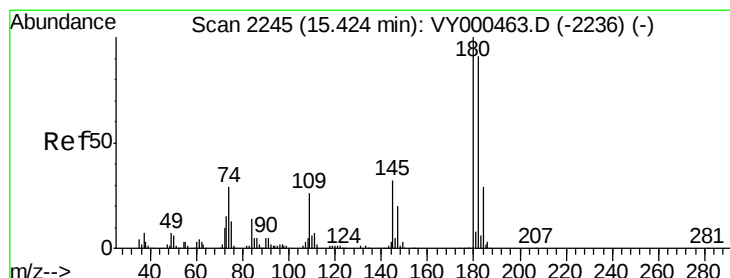
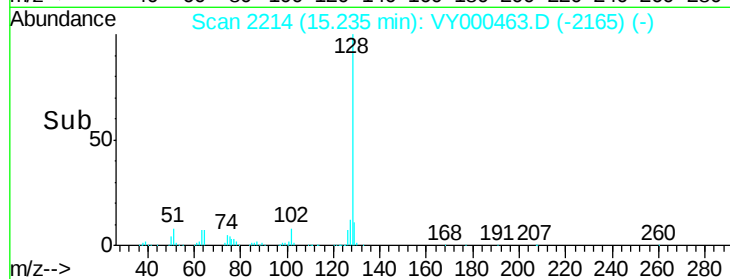
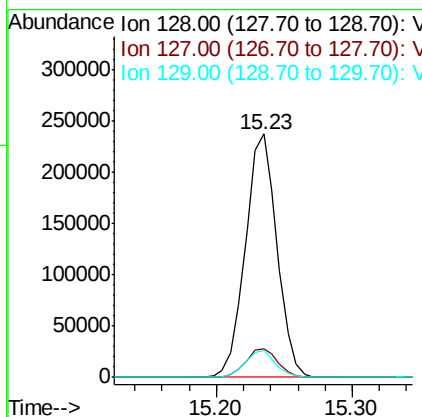
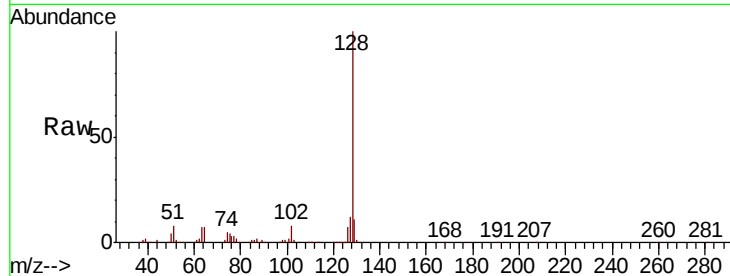
#95
Naphthalene
Concen: 51.529 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	386068		
127	12.2		9.6	14.4
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:59:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.877 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000463.D
Acq: 29 Oct 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153942		
182	95.8		46.5	139.5
145	33.2		16.2	48.5

