

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003514.D
 Acq On : 04 Nov 2020 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:46 PM

Quant Time: Nov 05 00:53:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	221531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114339	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.72	113	97710	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.18	98	396659	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.48	95	139260	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	80157	45.731	ug/l	100
3) Chloromethane	2.12	50	109328	47.380	ug/l	99
4) Vinyl Chloride	2.25	62	125516	48.458	ug/l	100
5) Bromomethane	2.65	94	94137	43.500	ug/l	97
6) Chloroethane	2.79	64	80711	52.280	ug/l	99
7) Trichlorofluoromethane	3.13	101	165911	50.463	ug/l	99
8) Diethyl Ether	3.54	74	54702	54.257	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95047	52.306	ug/l	99
10) Methyl Iodide	4.10	142	99352	52.968	ug/l	99
11) Tert butyl alcohol	4.96	59	72263	326.718	ug/l	95
12) 1,1-Dichloroethene	3.88	96	92441	51.130	ug/l	97
13) Acrolein	3.74	56	36619	194.289	ug/l	99
14) Allyl chloride	4.49	41	170670	51.742	ug/l	100
15) Acrylonitrile	5.18	53	137467	255.433	ug/l	98
16) Acetone	3.95	43	173205	231.187	ug/l	99
17) Carbon Disulfide	4.20	76	292570	49.952	ug/l	99
18) Methyl Acetate	4.49	43	72466	51.183	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	248999	55.605	ug/l	98
20) Methylene Chloride	4.72	84	108669	51.504	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	108202	51.685	ug/l	95
22) Diisopropyl ether	6.13	45	325425	56.249	ug/l	98
23) Vinyl Acetate	6.07	43	1183285	272.174	ug/l	99
24) 1,1-Dichloroethane	6.02	63	196612	53.480	ug/l	98
25) 2-Butanone	6.99	43	233076	248.739	ug/l	99
26) 2,2-Dichloropropane	6.99	77	176582	51.556	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	122760	54.116	ug/l	100
28) Bromochloromethane	7.34	49	97886	52.926	ug/l	98
29) Tetrahydrofuran	7.35	42	126999	259.377	ug/l	99
30) Chloroform	7.51	83	196306	54.364	ug/l	98
31) Cyclohexane	7.79	56	165146	48.515	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	179493	53.283	ug/l	100
36) 1,1-Dichloropropene	7.92	75	155745	52.205	ug/l	99
37) Ethyl Acetate	7.08	43	95116	51.344	ug/l	98
38) Carbon Tetrachloride	7.90	117	162364	52.461	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	173893	52.348	ug/l	99
40) Benzene	8.16	78	439776	52.970	ug/l	100
41) Methacrylonitrile	7.33	41	50791m	51.342	ug/l	
42) 1,2-Dichloroethane	8.24	62	139579	53.655	ug/l	99
43) Isopropyl Acetate	8.27	43	177101	53.194	ug/l	99
44) Trichloroethene	8.94	130	123545	53.007	ug/l	99
45) 1,2-Dichloropropane	9.22	63	114891	54.798	ug/l	99
46) Dibromomethane	9.30	93	62621	54.288	ug/l	99
47) Bromodichloromethane	9.50	83	157464	55.774	ug/l	100
48) Methyl methacrylate	9.29	41	83133	53.008	ug/l	97
49) 1,4-Dioxane	9.30	88	15326	1064.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	474542	267.521	ug/l	99
52) Toluene	10.24	92	281170	54.146	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	165300	55.017	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	185504	54.867	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	90469	55.251	ug/l	95
56) Ethyl methacrylate	10.51	69	124818	56.911	ug/l	99
57) 1,3-Dichloropropane	10.79	76	157481	55.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	296976	267.104	ug/l	99
59) 2-Hexanone	10.83	43	345286	262.901	ug/l	99
60) Dibromochloromethane	10.98	129	114599	56.943	ug/l	100
61) 1,2-Dibromoethane	11.08	107	86839	54.933	ug/l	98
64) Tetrachloroethene	10.72	164	116755	52.720	ug/l	97
65) Chlorobenzene	11.52	112	307464	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	118039	54.329	ug/l	99
67) Ethyl Benzene	11.59	91	558273	53.441	ug/l	98
68) m/p-Xylenes	11.70	106	426687	107.784	ug/l	99
69) o-Xylene	12.03	106	198466	54.500	ug/l	97
70) Styrene	12.04	104	345197	55.829	ug/l	100
71) Bromoform	12.20	173	78849	54.447	ug/l	99
73) Isopropylbenzene	12.33	105	551436	50.259	ug/l	100
74) N-amyl acetate	12.14	43	161912	52.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115088	49.108	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	88606m	49.858	ug/l	
77) Bromobenzene	12.60	156	140962	50.566	ug/l	100
78) n-propylbenzene	12.67	91	659741	51.049	ug/l	99
79) 2-Chlorotoluene	12.75	91	366380	50.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	478769	52.666	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40603	47.686	ug/l	99
82) 4-Chlorotoluene	12.85	91	388280	51.459	ug/l	100
83) tert-Butylbenzene	13.07	119	416752	51.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	483041	53.166	ug/l	100
85) sec-Butylbenzene	13.25	105	572988	52.486	ug/l	100
86) p-Isopropyltoluene	13.36	119	542509	53.584	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	274895	52.935	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	269431	52.176	ug/l	99
89) n-Butylbenzene	13.69	91	498057	53.859	ug/l	100
90) Hexachloroethane	13.95	117	89930	52.778	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	246495	53.432	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	20611	48.583	ug/l	97

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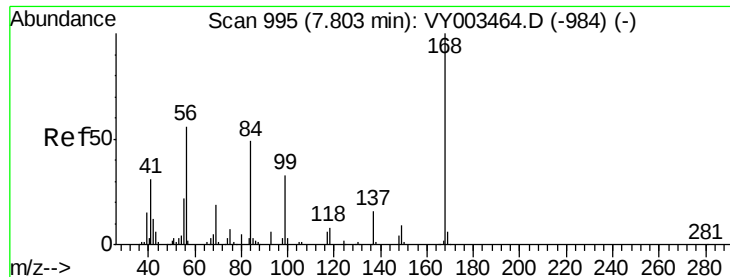
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	180555	55.332	ug/l	100
94) Hexachlorobutadiene	15.11	225	114079	54.345	ug/l	99
95) Naphthalene	15.23	128	341393	52.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	161503	55.021	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 221531

Ion Ratio Lower Upper

168 100

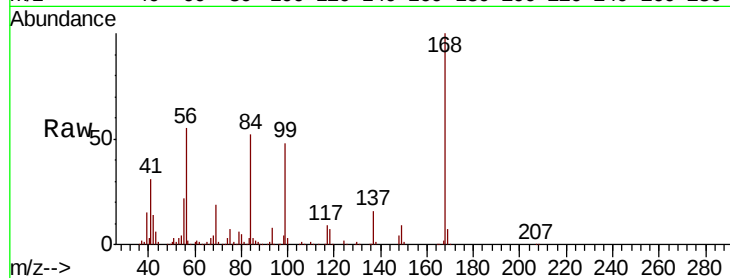
99 47.8 39.7 59.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003514.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003514.D (-946) (-)

7.80

100000

80000

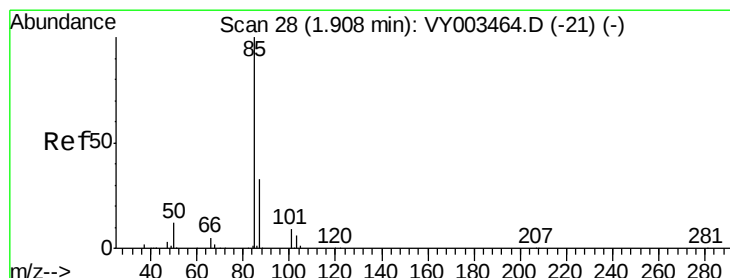
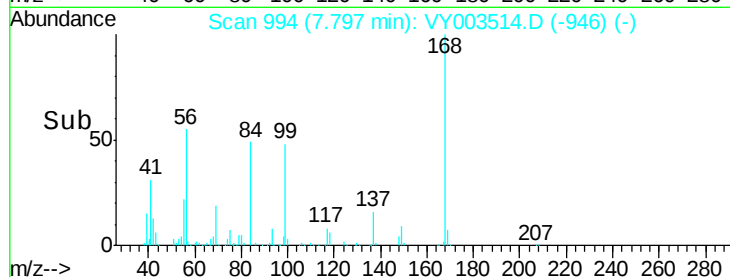
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.731 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY003514.D

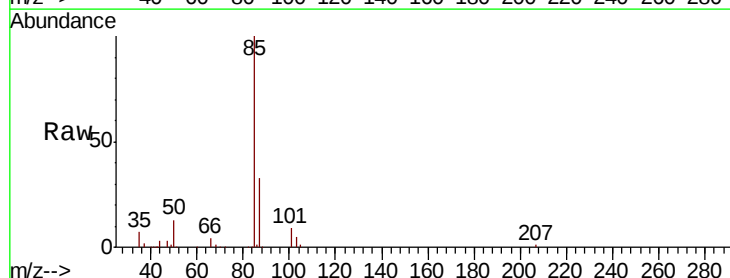
Acq: 04 Nov 2020 17:47

Tgt Ion: 85 Resp: 80157

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003514.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003514.D (-1) (-)

1.90

60000

50000

40000

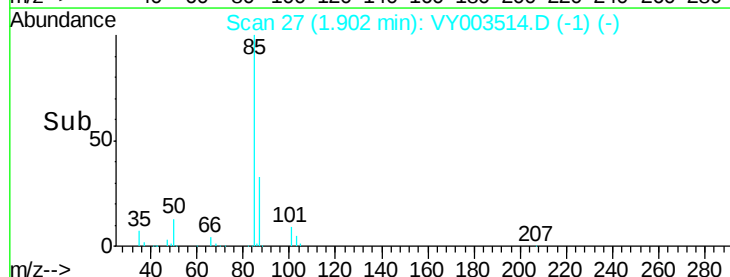
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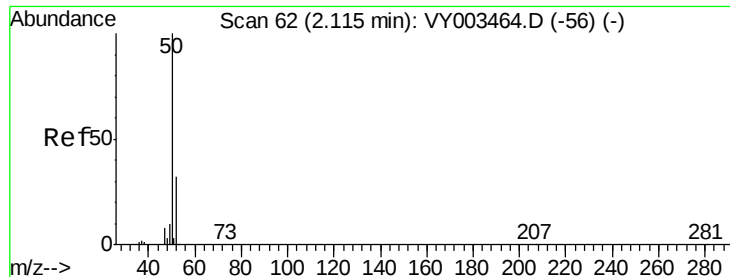
20000

10000

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Time-->





#3

Chloromethane

Concen: 47.380 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 109328

Ion Ratio Lower Upper

50 100

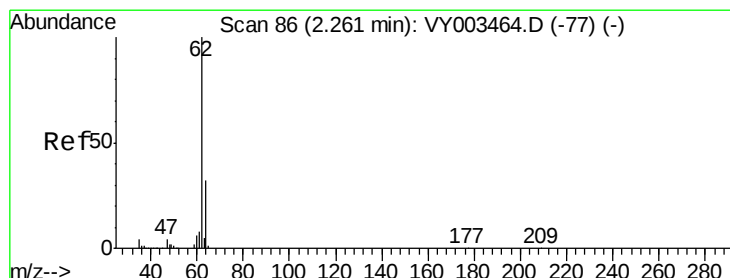
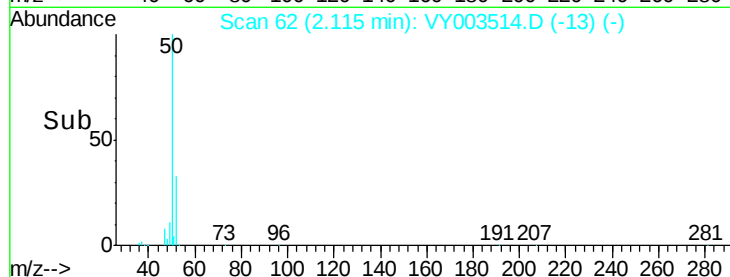
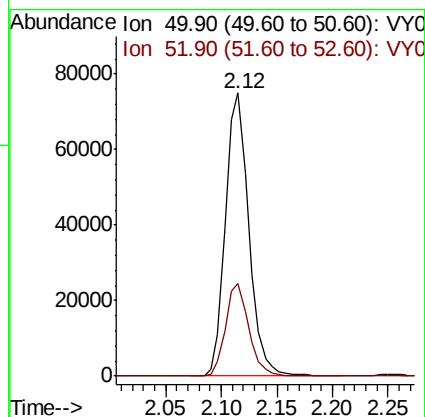
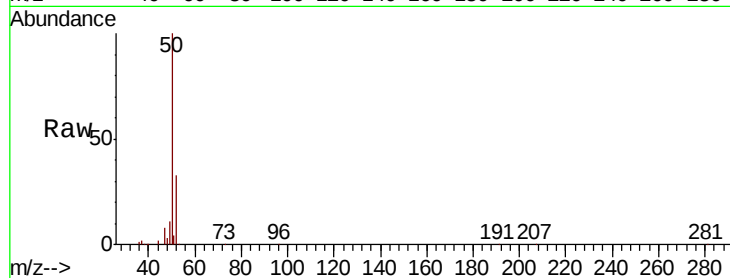
52 32.7 25.6 38.4

Manual Integrations

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11/5/2020 7:01:46 PM



#4

Vinyl Chloride

Concen: 48.458 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003514.D

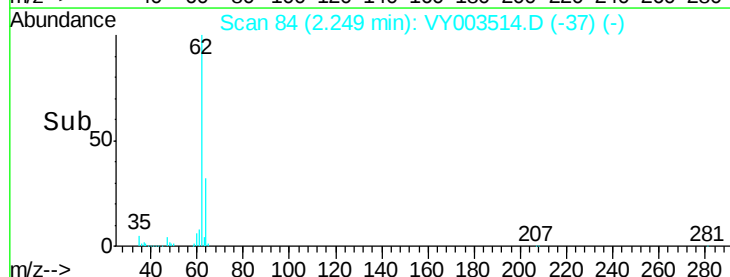
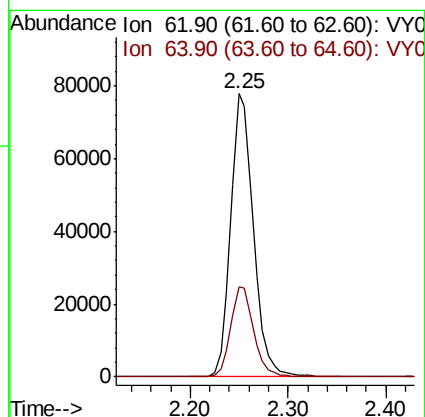
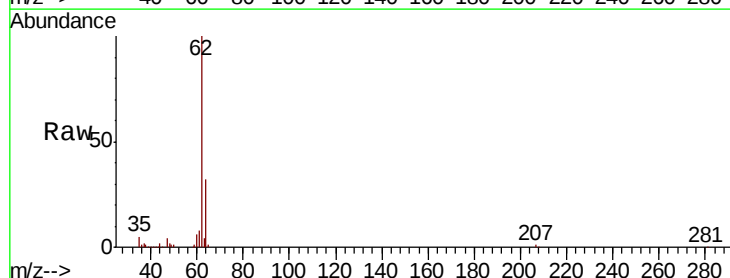
Acq: 04 Nov 2020 17:47

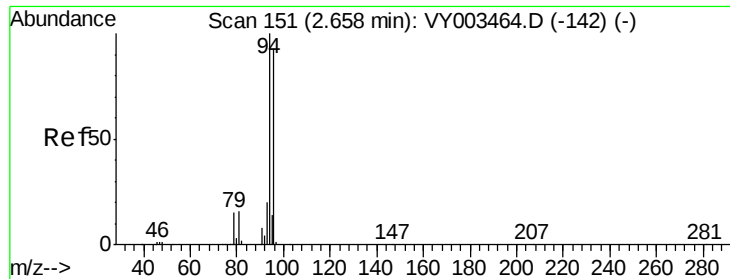
Tgt Ion: 62 Resp: 125516

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 43.500 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 94137

Ion Ratio Lower Upper

94 100

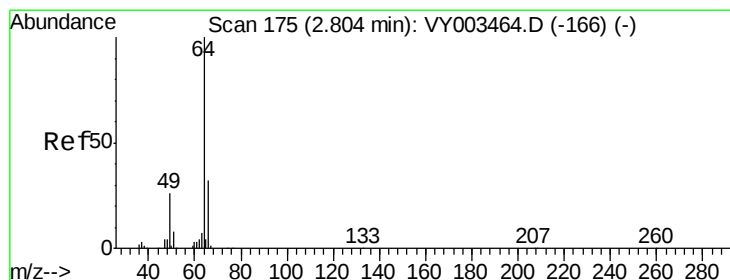
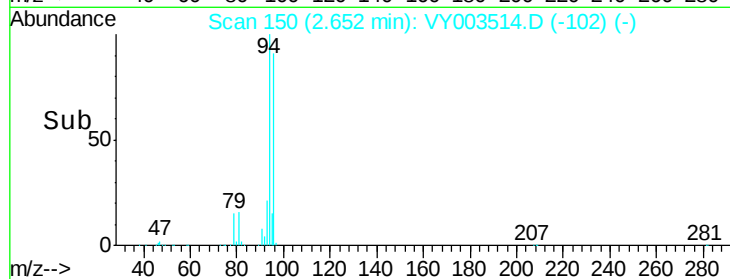
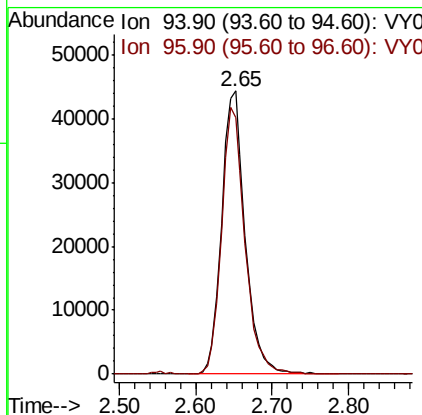
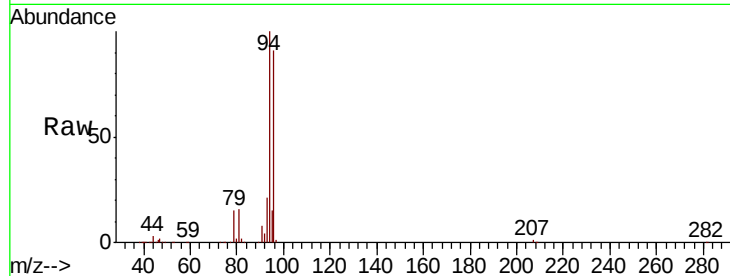
96 90.4 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 52.280 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003514.D

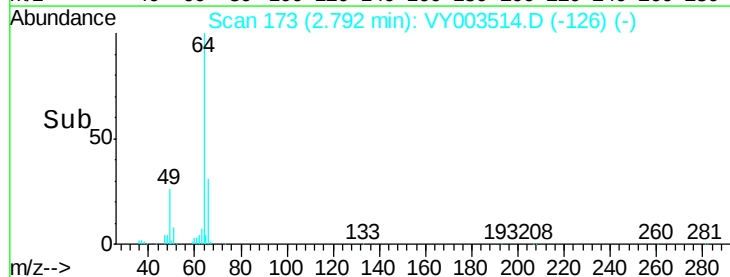
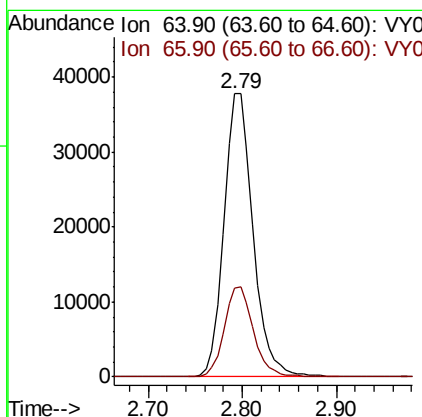
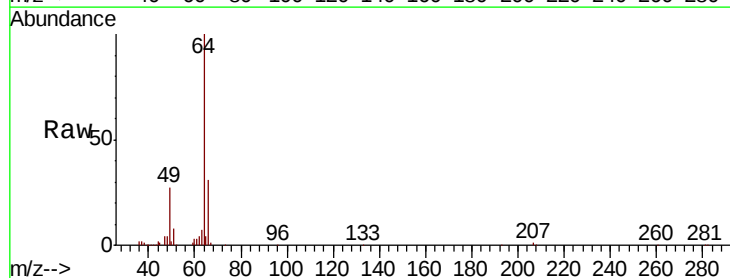
Acq: 04 Nov 2020 17:47

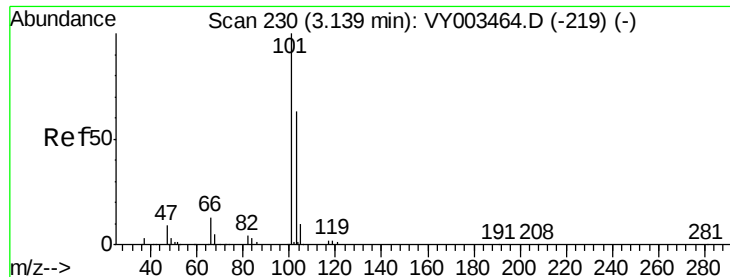
Tgt Ion: 64 Resp: 80711

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4





#7

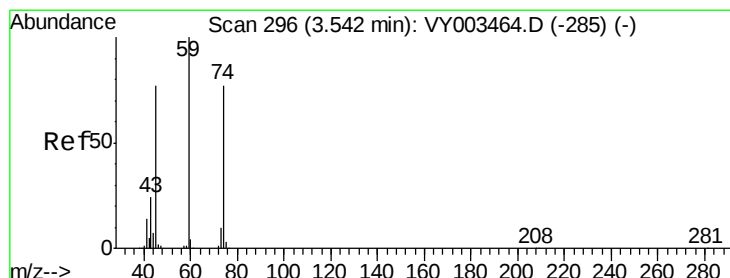
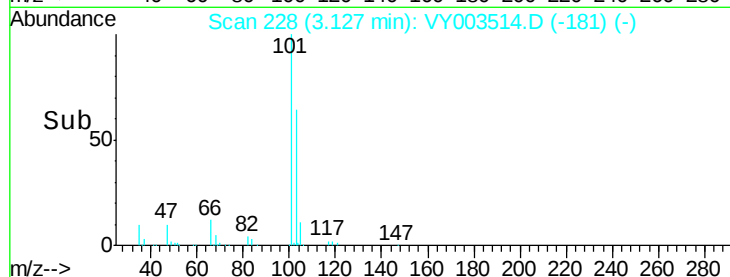
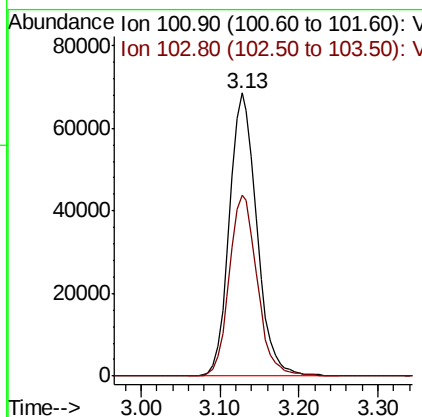
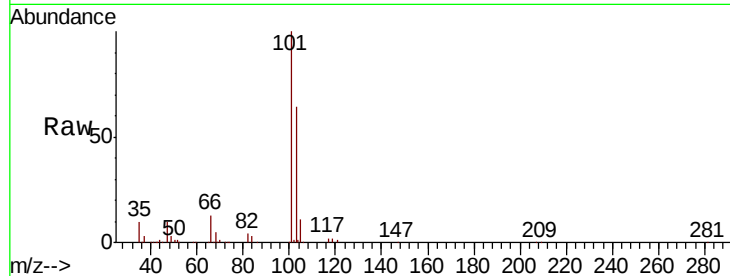
Trichlorofluoromethane
Concen: 50.463 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003514.D
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.7	76.1

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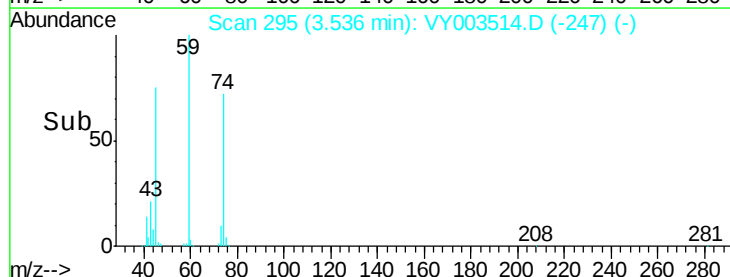
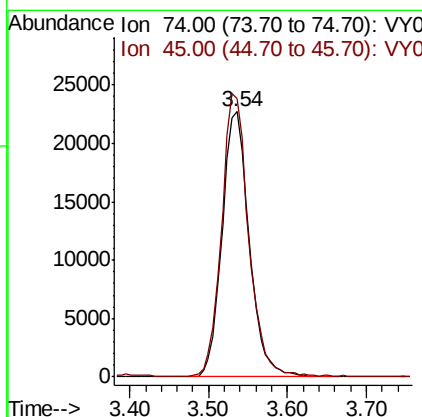
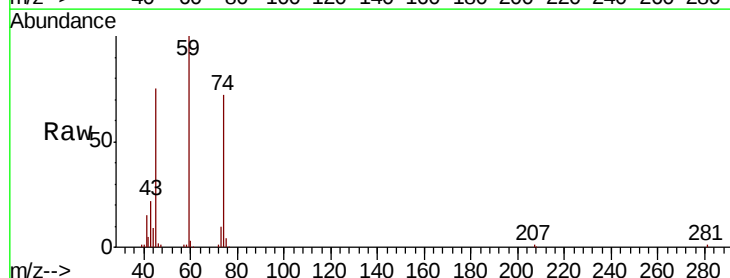
MMDadoda
11/5/2020 7:01:46 PM

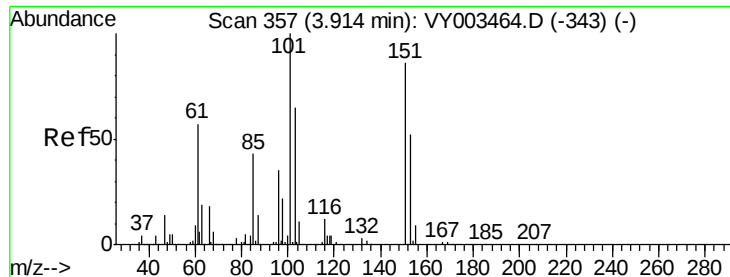


#8

Diethyl Ether
Concen: 54.257 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.306 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

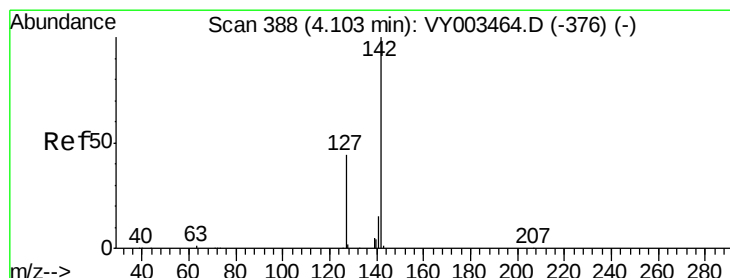
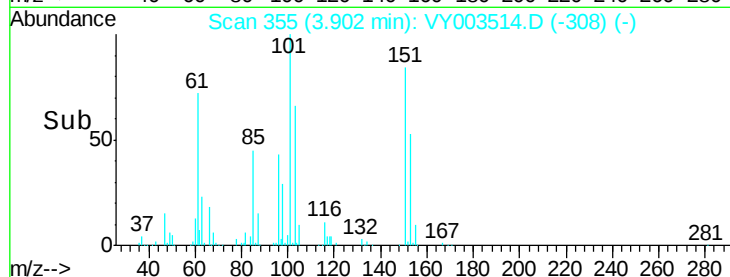
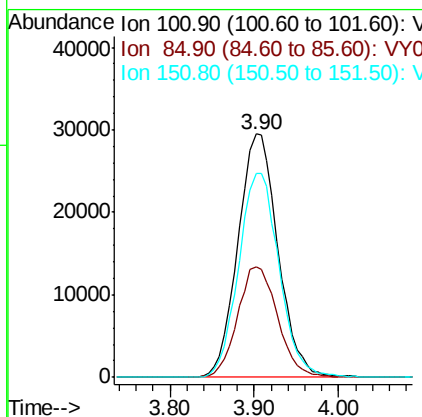
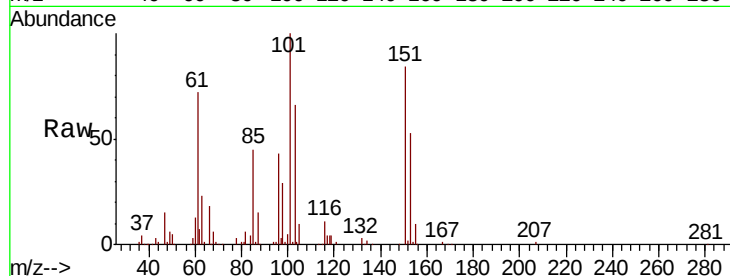
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95047
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.8
151	85.0	67.6	101.4

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#10

Methyl Iodide

Concen: 52.968 ug/l

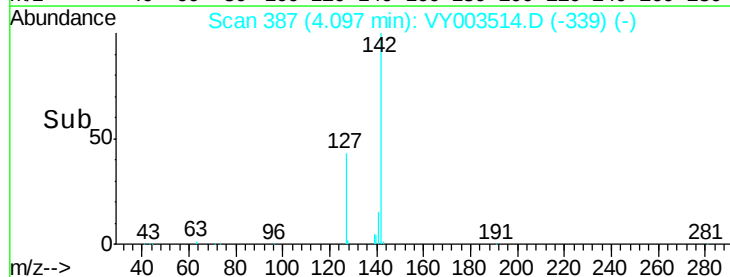
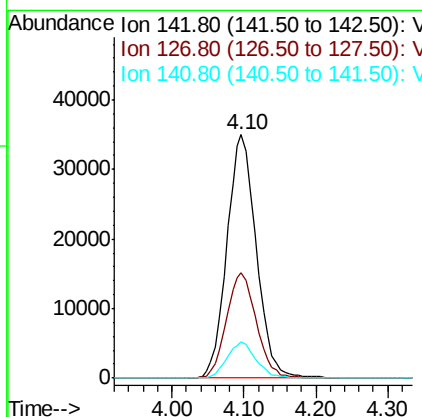
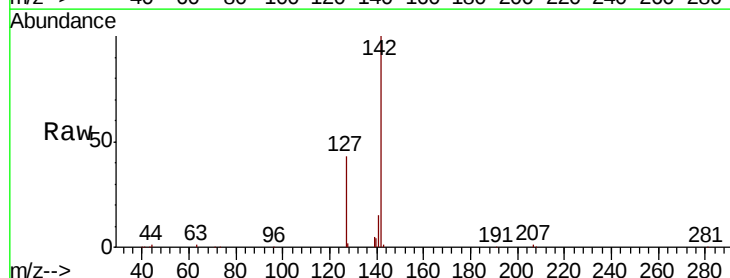
RT: 4.10 min Scan# 387

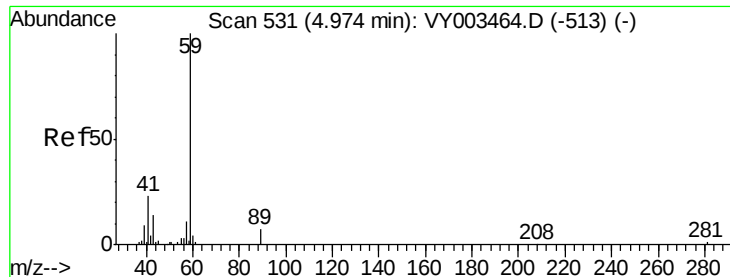
Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion:	142	Resp:	99352
Ion Ratio	Lower	Upper	
142	100		
127	43.9	34.5	51.7
141	14.6	11.8	17.8





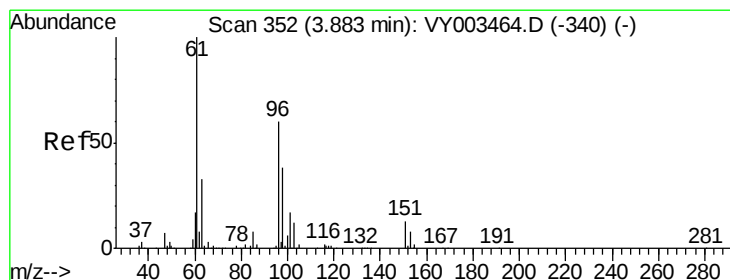
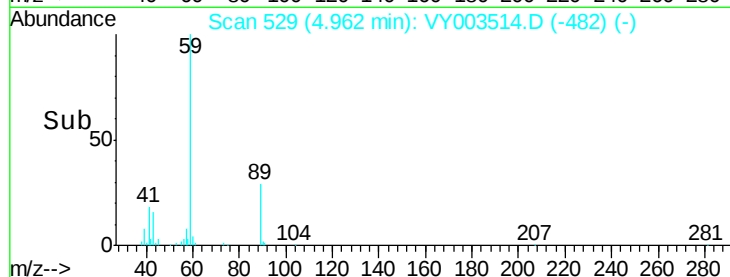
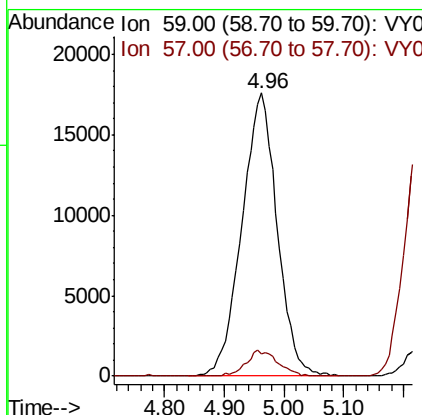
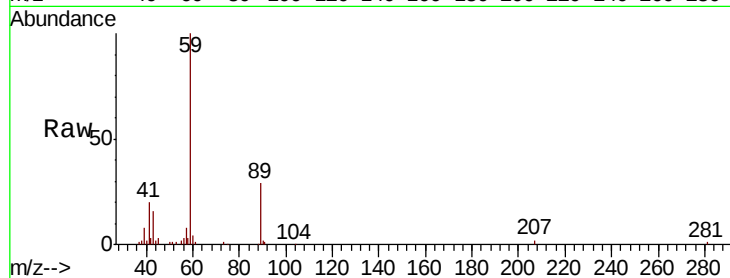
#11
Tert butyl alcohol
Concen: 326.718 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	7.9	11.9

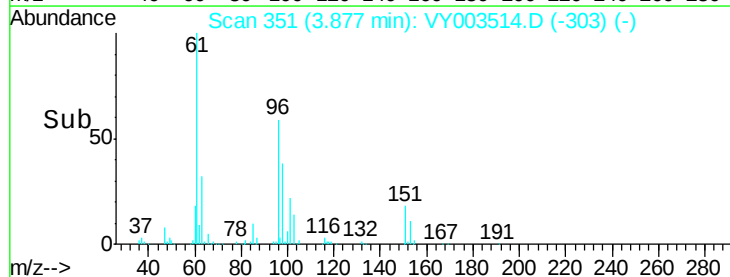
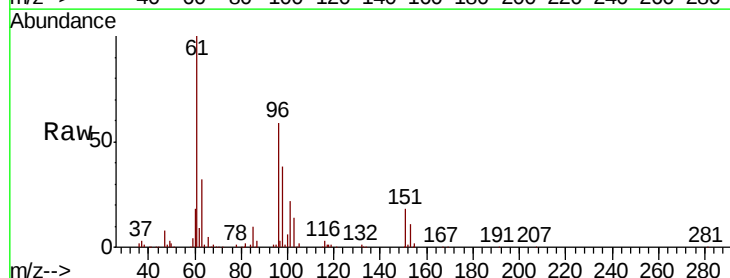
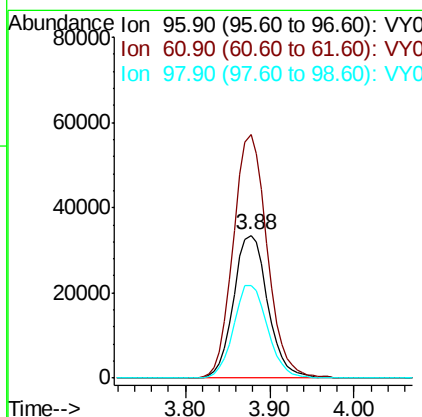
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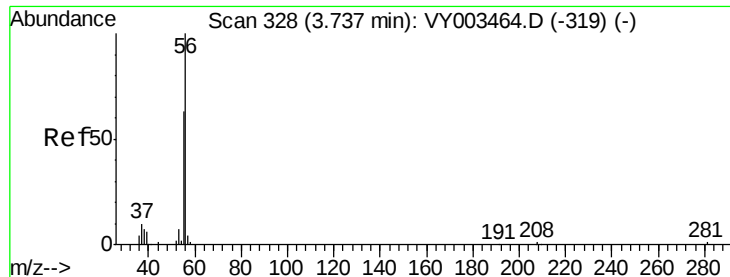
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.130 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	133.6	200.4
98	65.2	50.2	75.2





#13

Acrolein

Concen: 194.289 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 36619

Ion Ratio Lower Upper

56 100

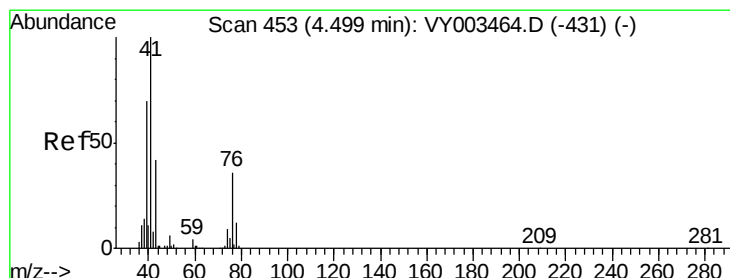
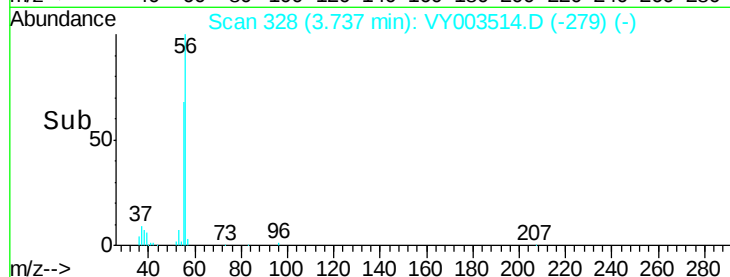
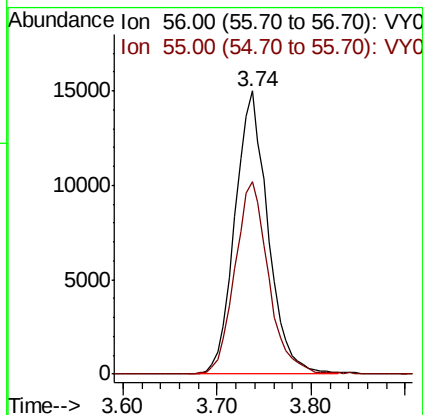
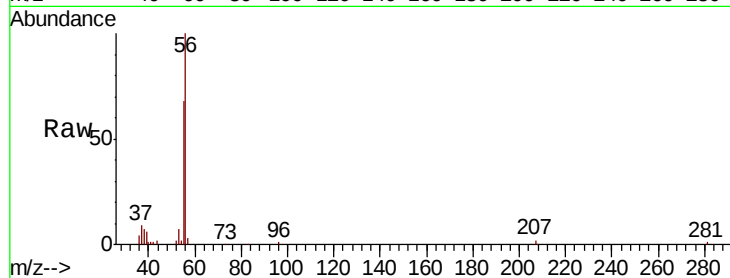
55 69.6 56.6 85.0

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#14

Allyl chloride

Concen: 51.742 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

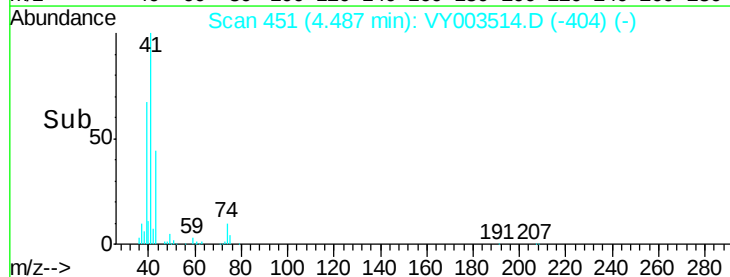
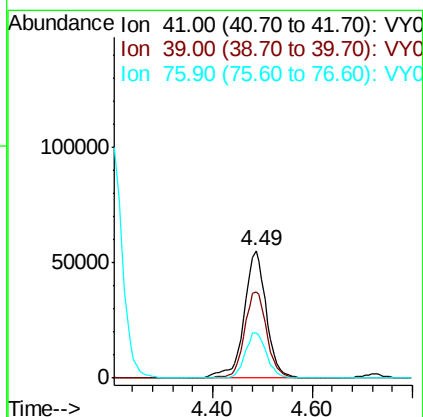
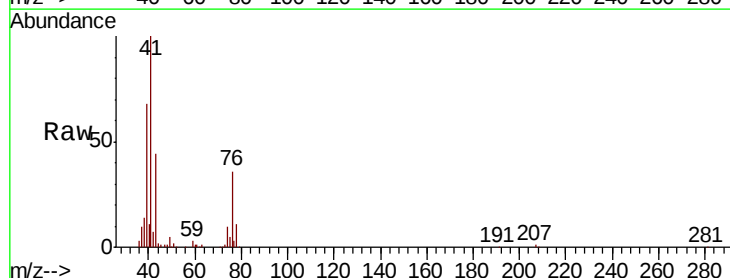
Tgt Ion: 41 Resp: 170670

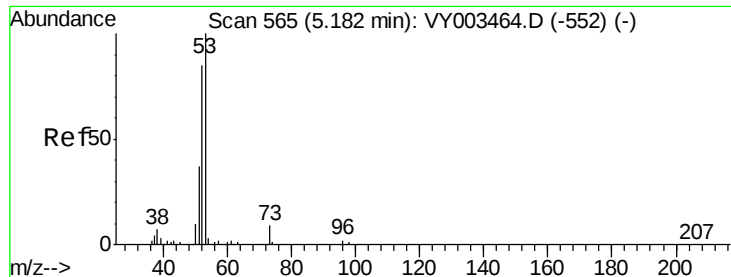
Ion Ratio Lower Upper

41 100

39 68.1 54.4 81.6

76 34.1 27.6 41.4





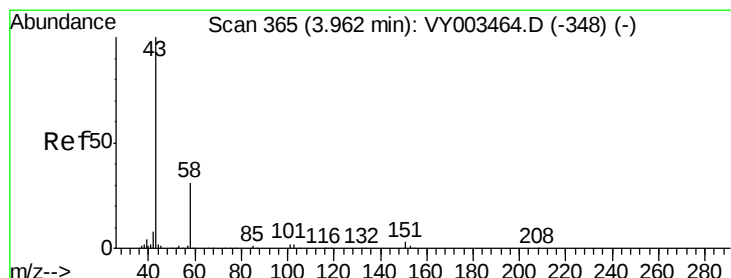
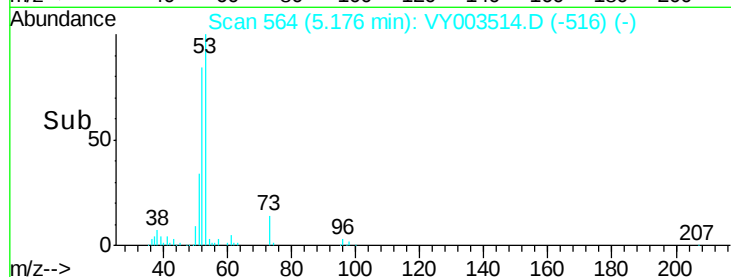
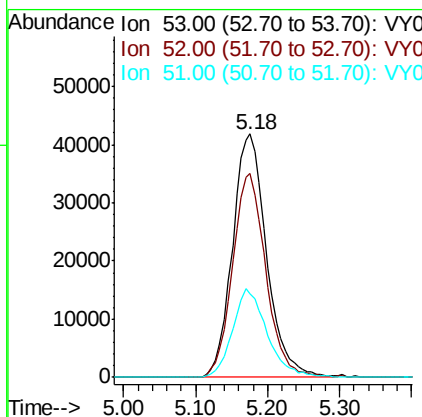
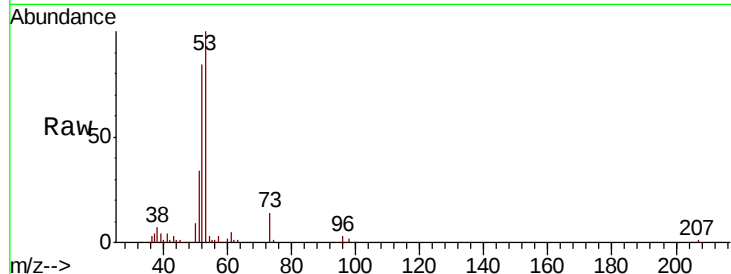
#15
 Acrylonitrile
 Concen: 255.433 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	137467
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.9	100.3
51	37.1	29.3	43.9

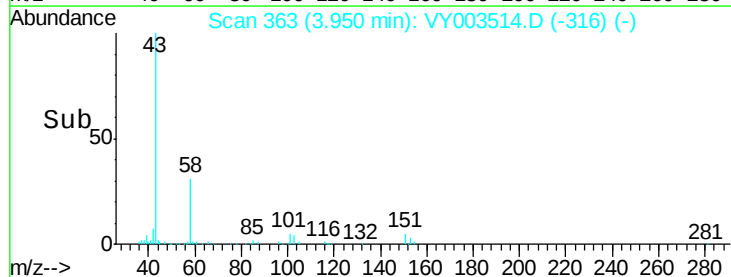
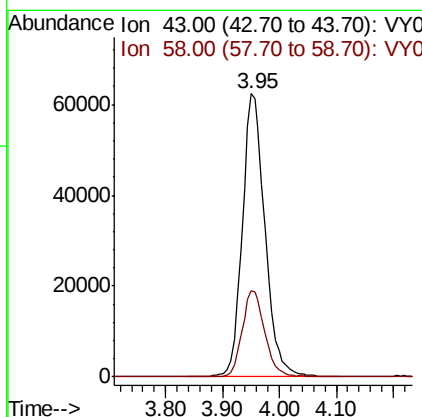
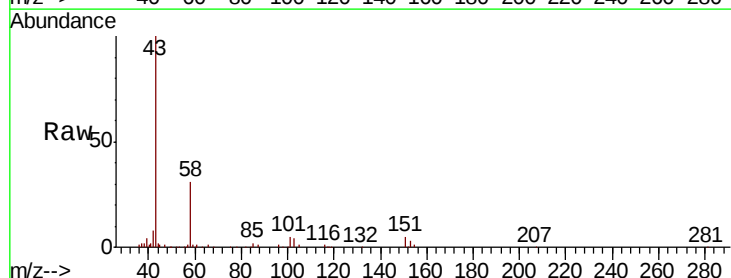
Manual Integrations
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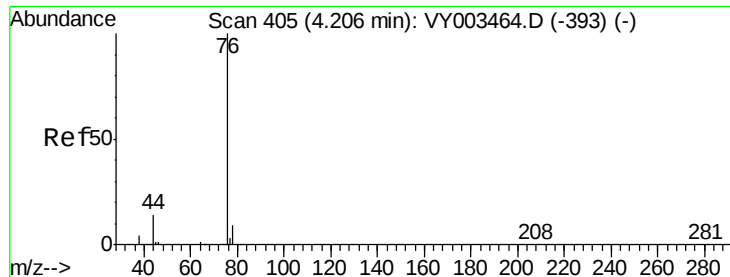
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#16
 Acetone
 Concen: 231.187 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion:	43	Resp:	173205
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.0	37.4





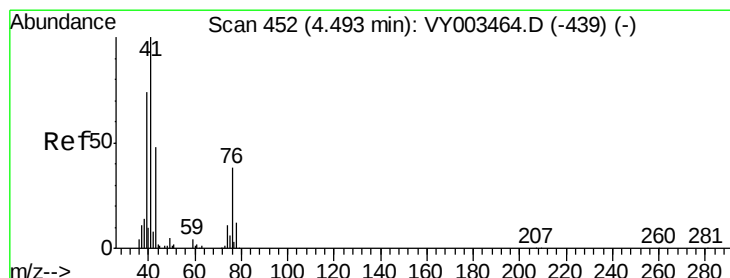
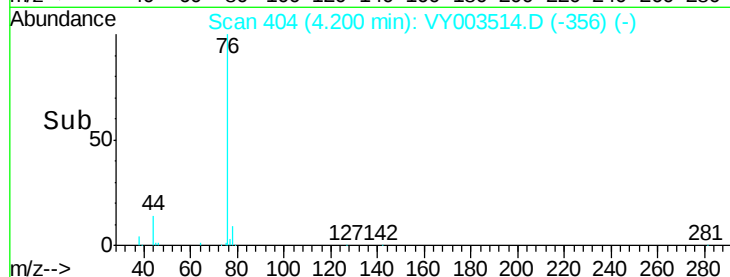
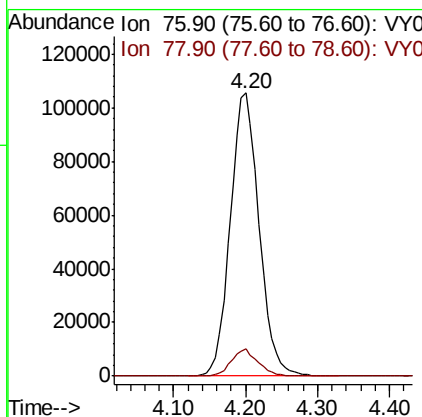
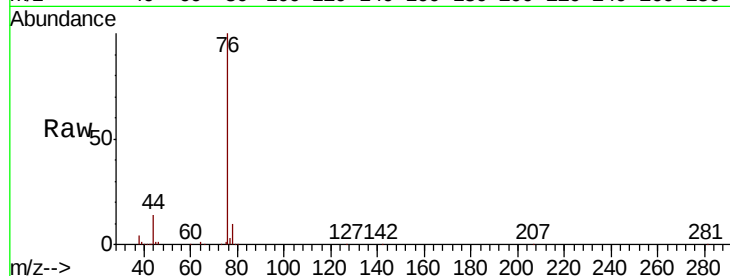
#17
Carbon Disulfide
Concen: 49.952 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

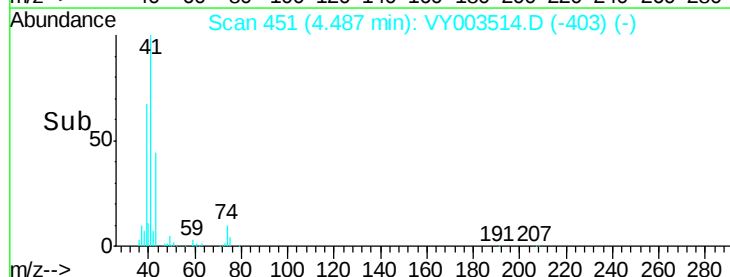
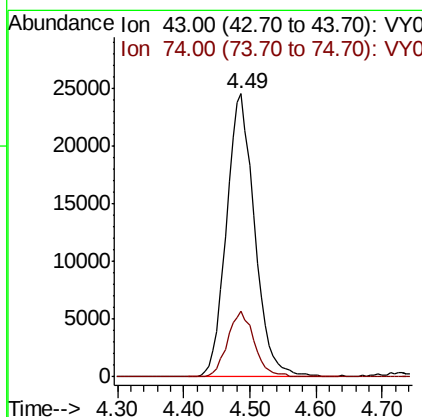
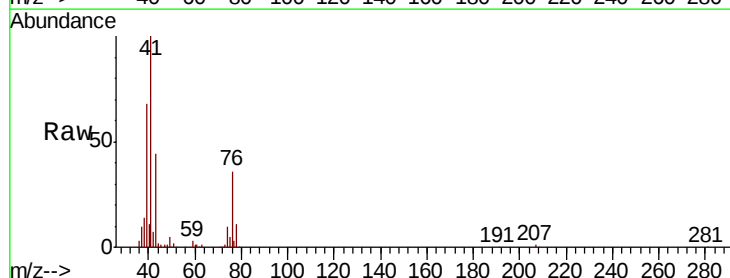
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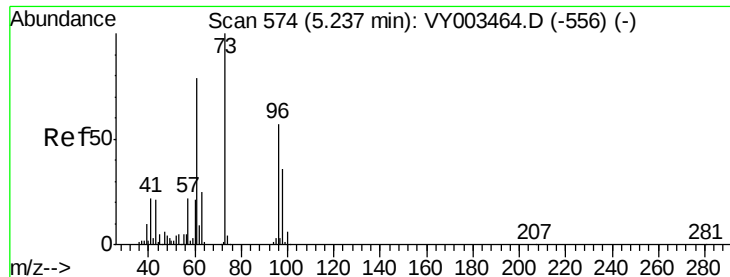
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#18
Methyl Acetate
Concen: 51.183 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	18.4	27.6





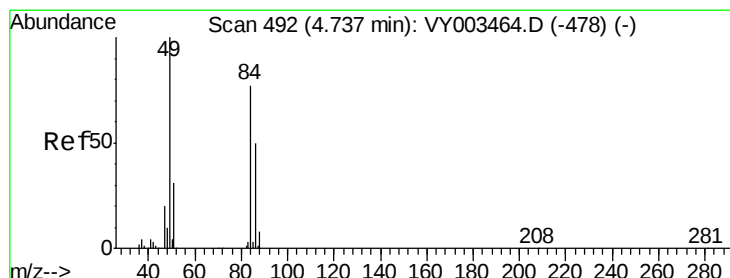
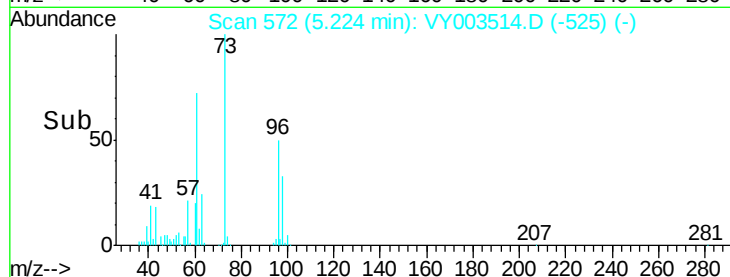
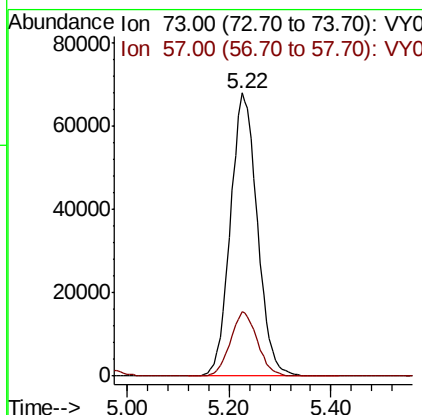
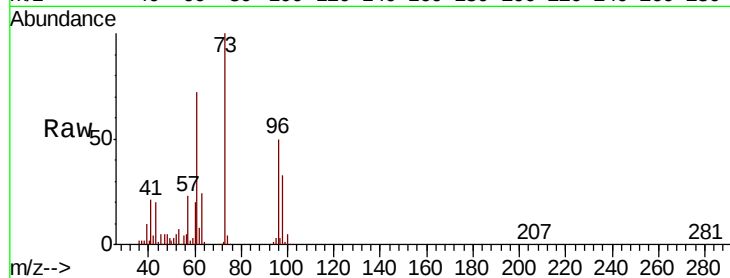
#19
Methvl tert-butvl Ether
Concen: 55.605 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.2	25.8

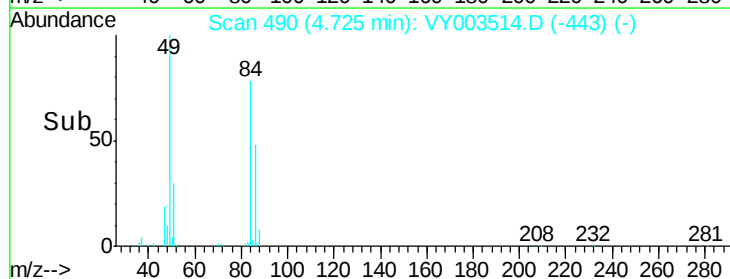
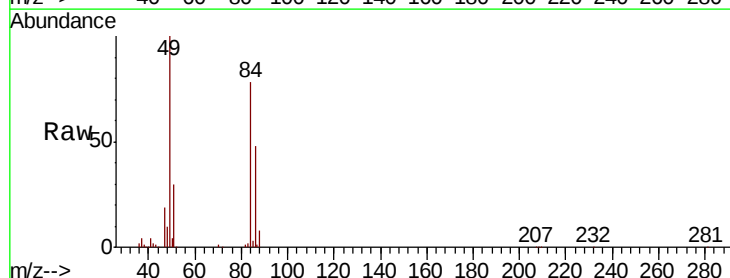
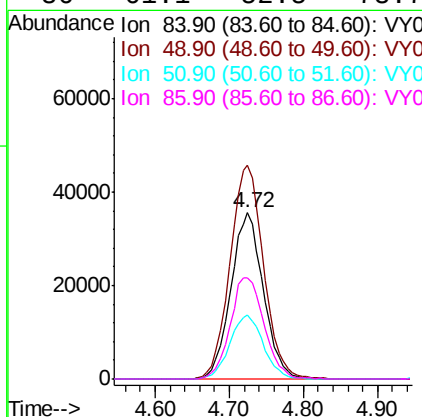
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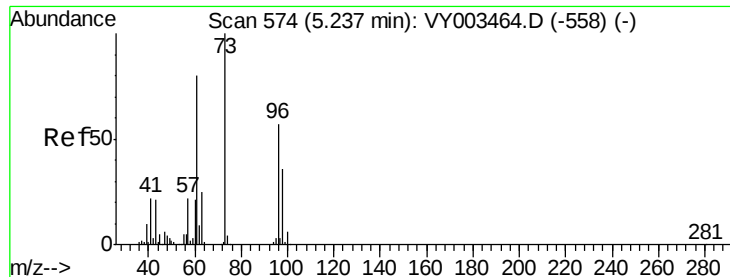
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#20
Methylene Chloride
Concen: 51.504 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	104.3	156.5
51	38.3	32.5	48.7
86	61.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 51.685 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 108202

Ion Ratio Lower Upper

96 100

61 144.8 111.3 166.9

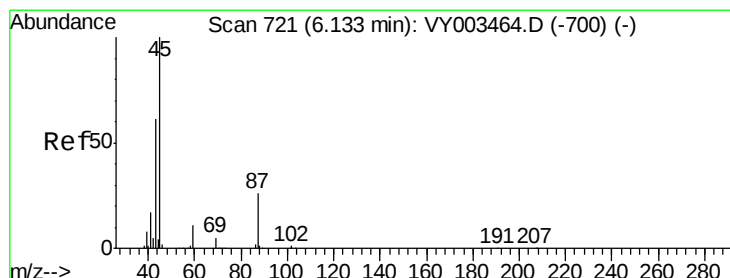
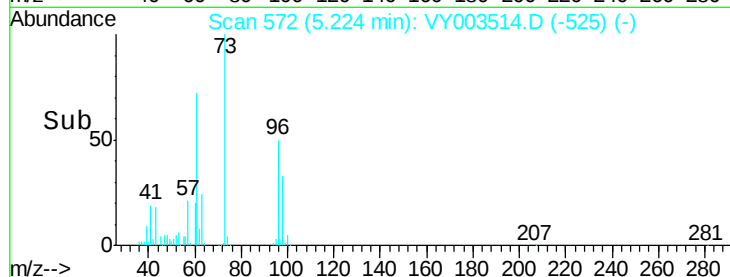
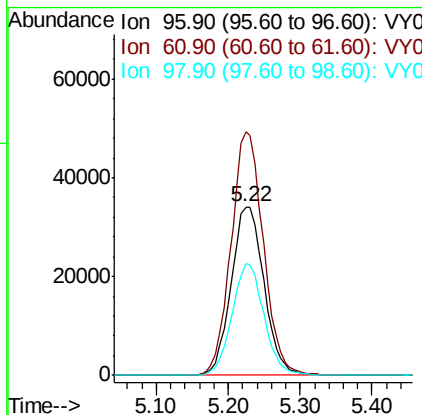
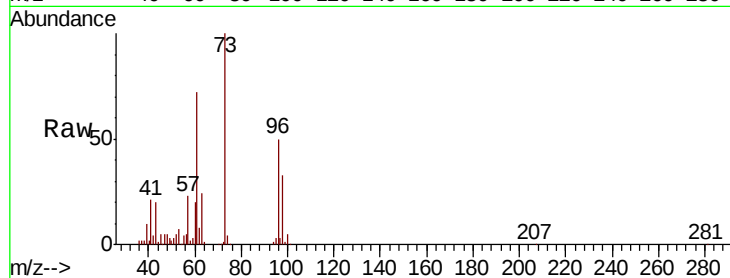
98 66.4 50.3 75.5

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#22

Diisopropyl ether

Concen: 56.249 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion: 45 Resp: 325425

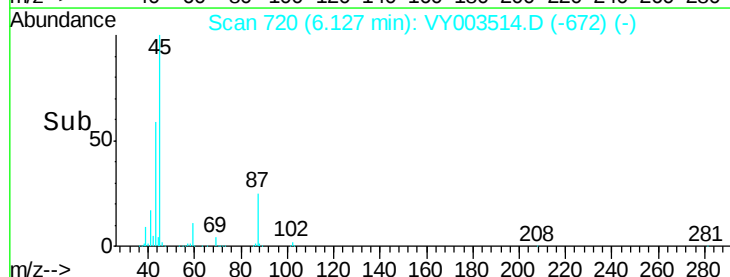
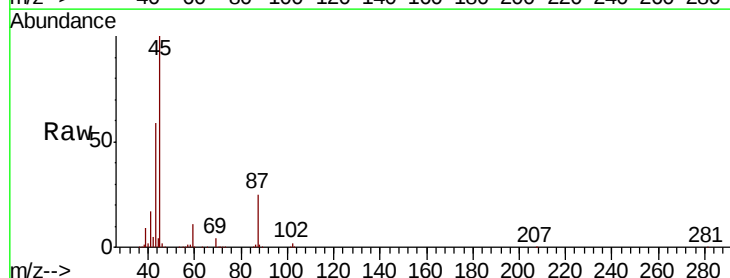
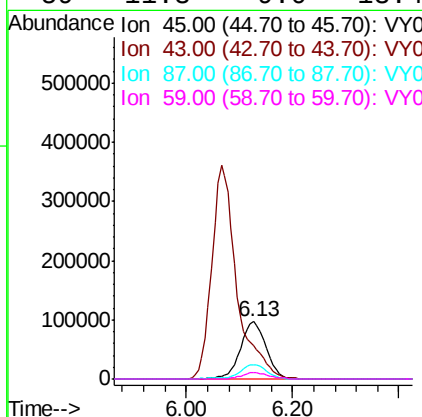
Ion Ratio Lower Upper

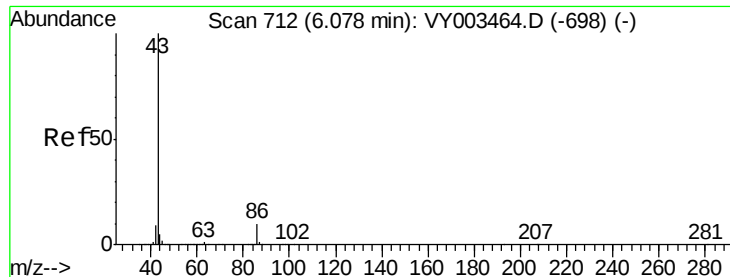
45 100

43 58.2 48.8 73.2

87 25.4 20.6 31.0

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 272.174 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1183285

Ion Ratio Lower Upper

43 100

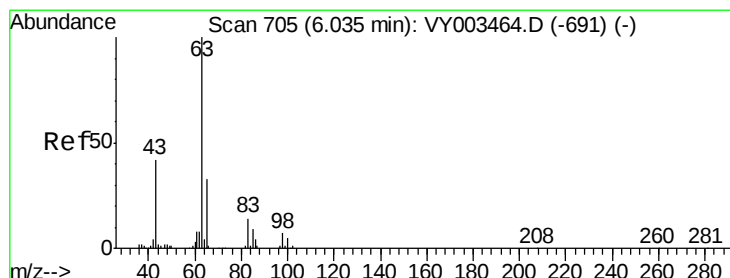
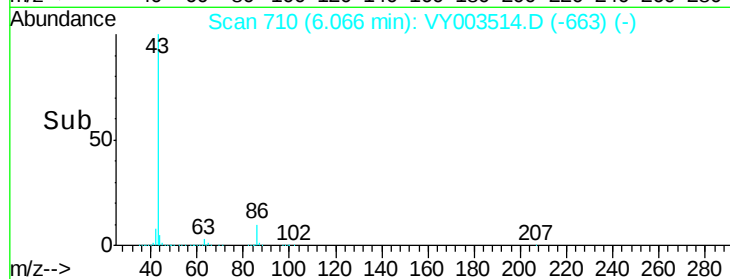
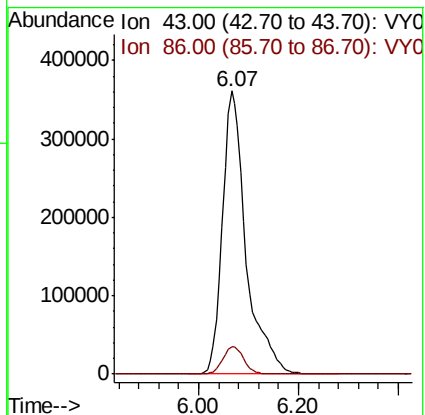
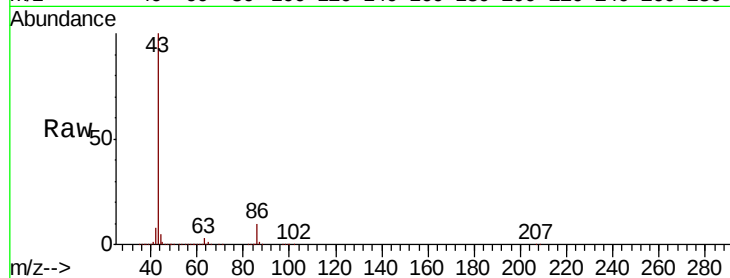
86 9.7 8.2 12.2

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#24

1,1-Dichloroethane

Concen: 53.480 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

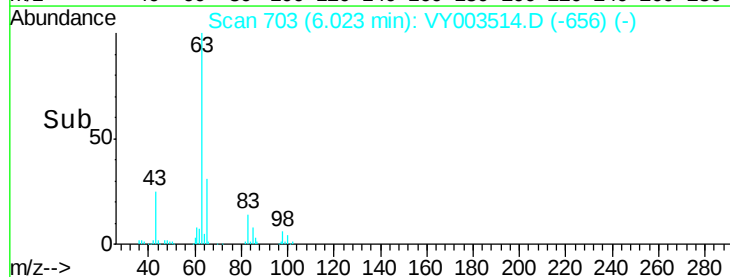
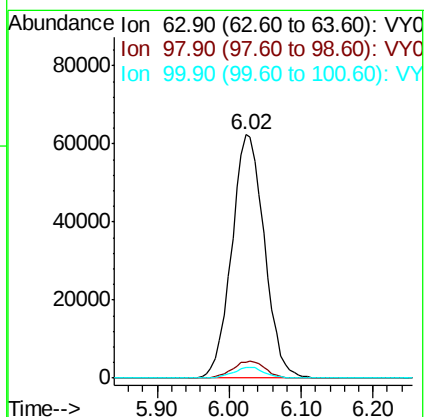
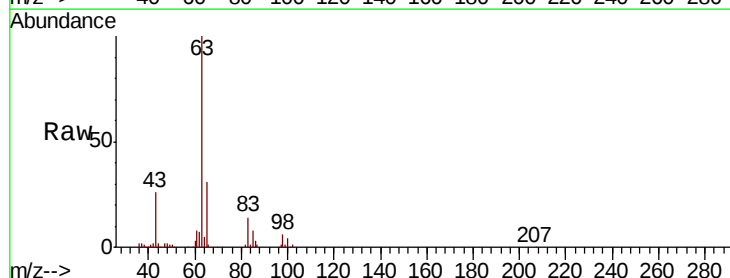
Tgt Ion: 63 Resp: 196612

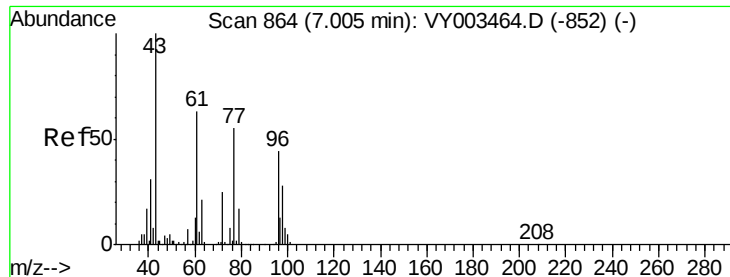
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 248.739 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 233076

Ion Ratio Lower Upper

43 100

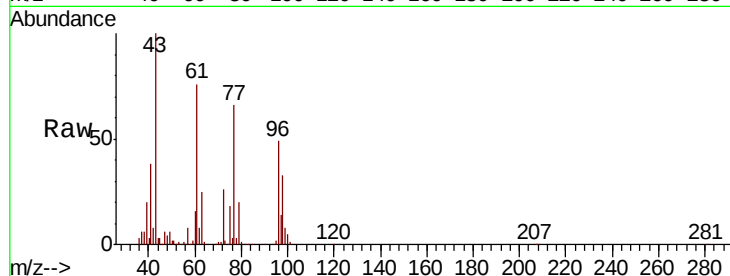
72 25.6 20.1 30.1

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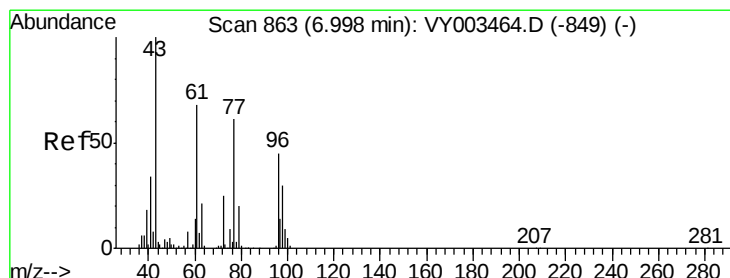
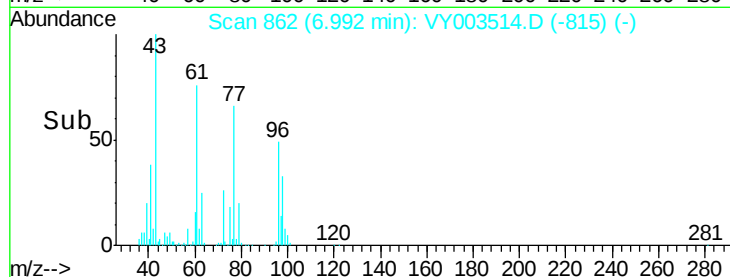
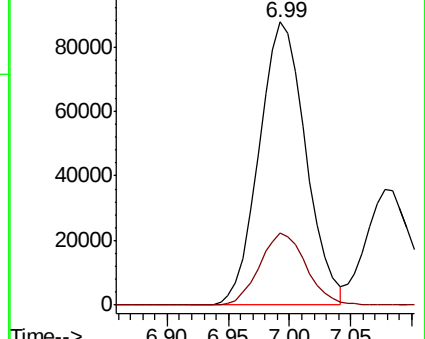
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.556 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003514.D

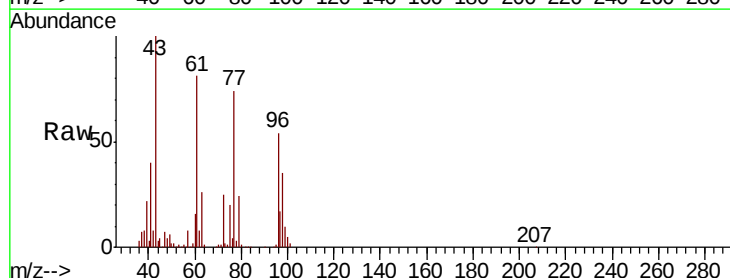
Acq: 04 Nov 2020 17:47

Tgt Ion: 77 Resp: 176582

Ion Ratio Lower Upper

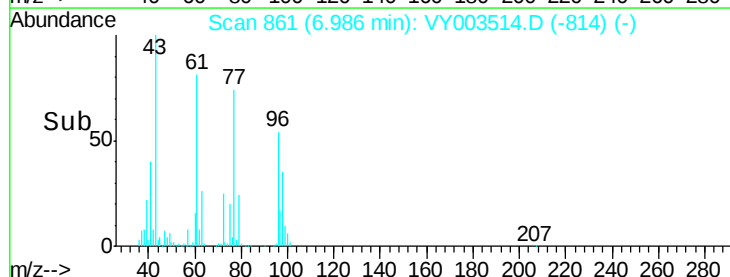
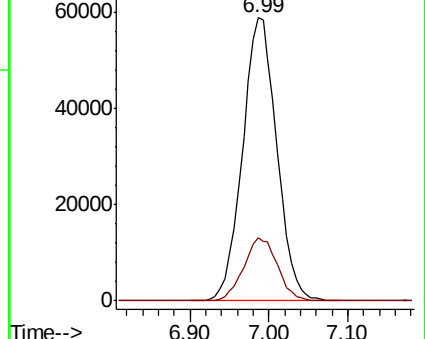
77 100

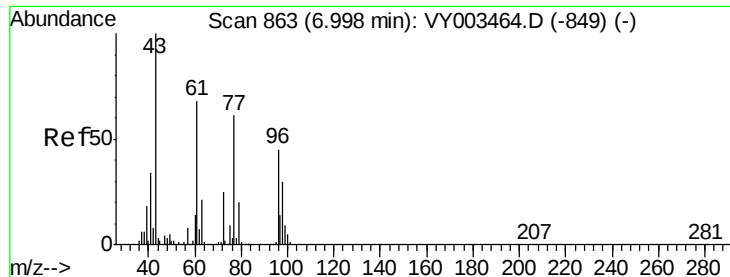
97 22.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

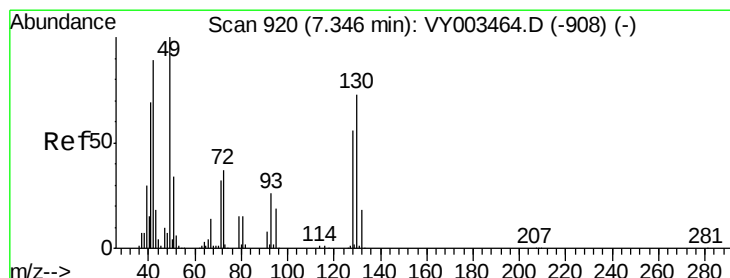
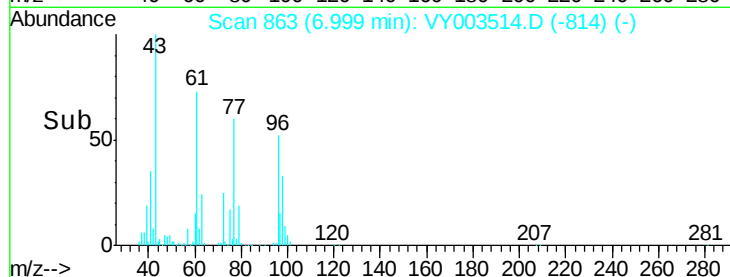
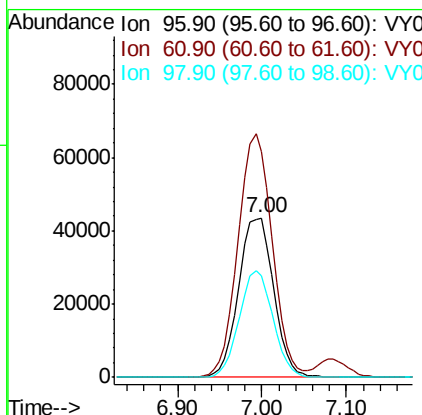
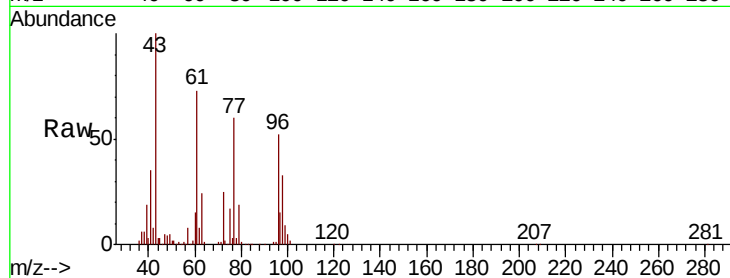
cis-1,2-Dichloroethene
Concen: 54.116 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.3	0.0	299.2	
98	64.1	0.0	128.6	

Manual Integrations
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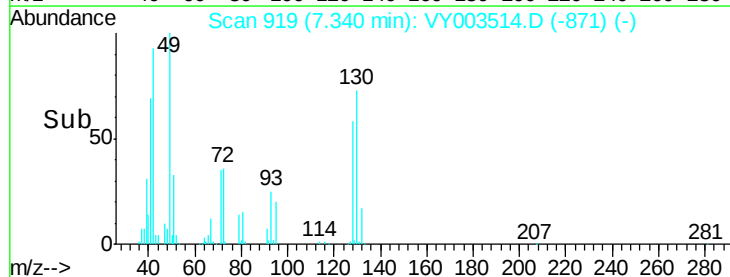
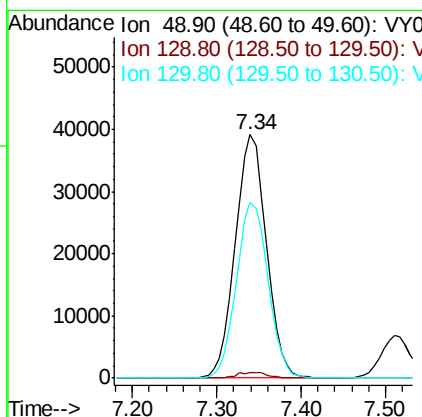
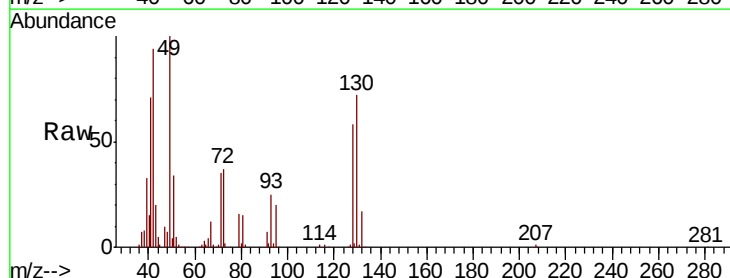
MMDadoda
11/5/2020 7:01:46 PM

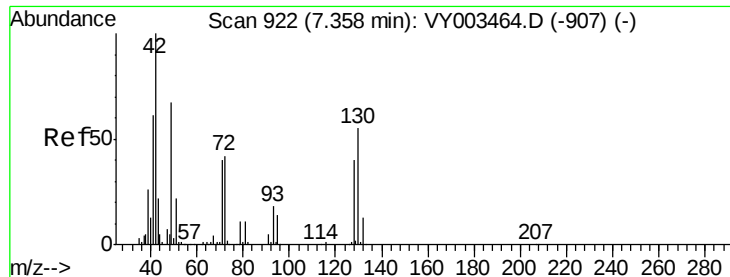


#28

Bromochloromethane
Concen: 52.926 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	73.4	60.0	90.0	





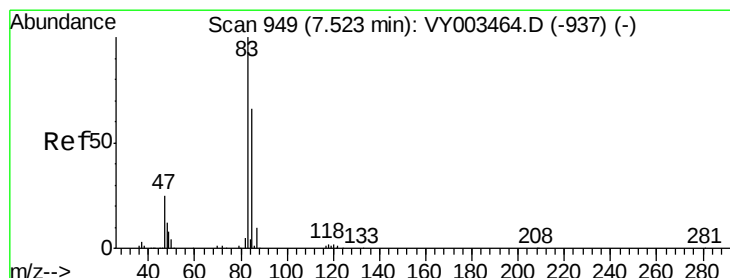
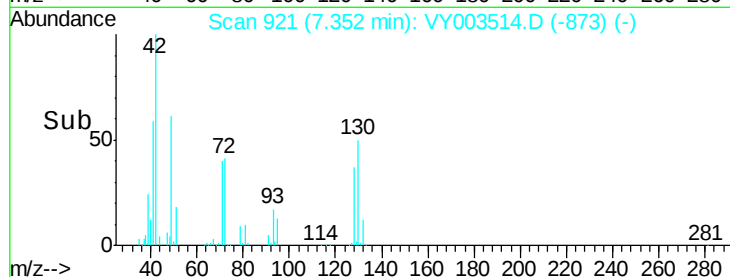
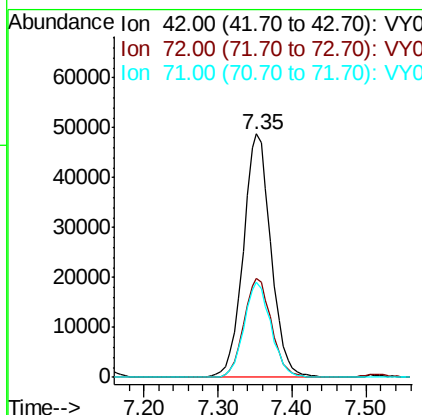
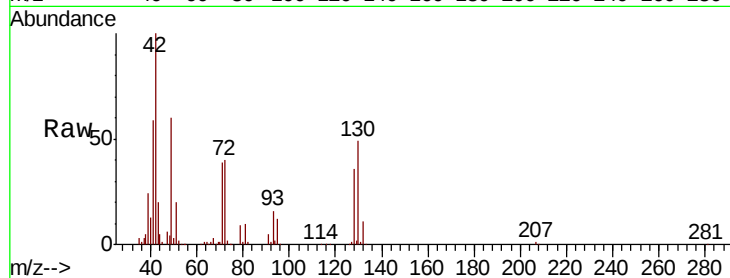
#29
Tetrahydrofuran
Concen: 259.377 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	126999
Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.8	49.2
71	38.0	30.7	46.1

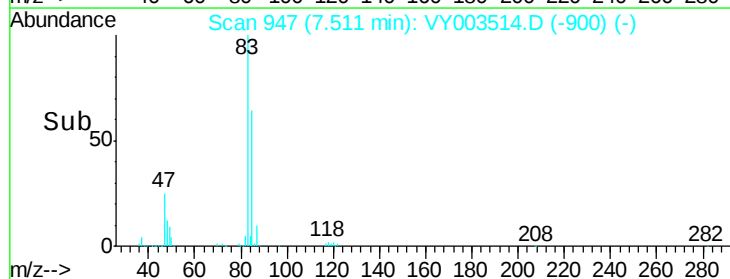
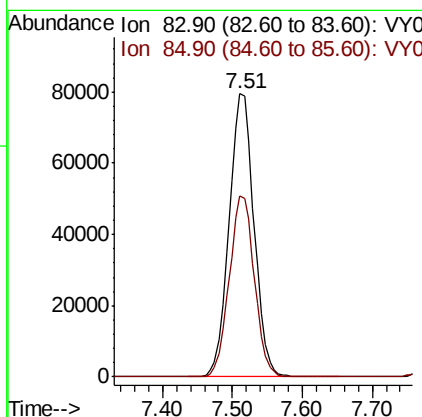
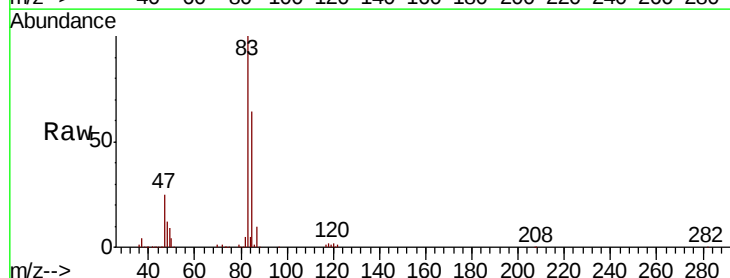
Manual Integrations
APPROVED

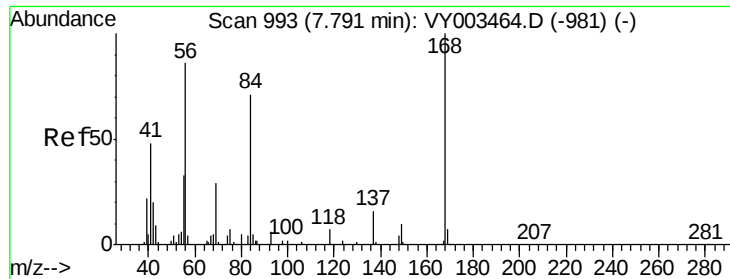
MMDadoda
11/5/2020 7:01:46 PM



#30
Chloroform
Concen: 54.364 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:	83	Resp:	196306
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.6	79.0





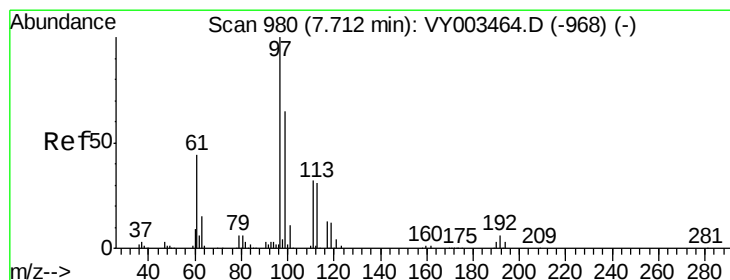
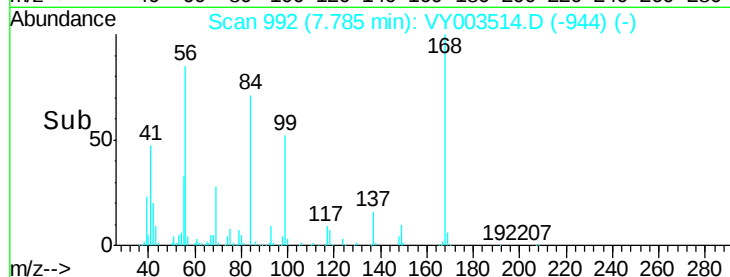
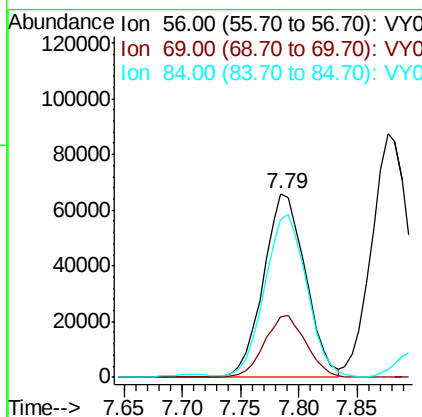
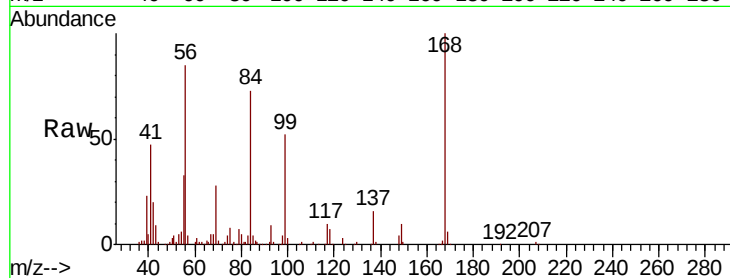
#31
Cyclohexane
Concen: 48.515 ug/l
RT: 7.79 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.6	39.8
84	83.8	65.9	98.9

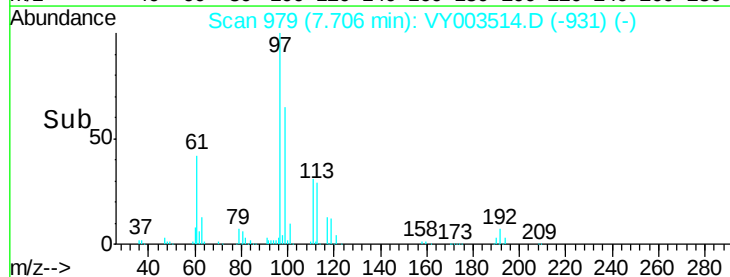
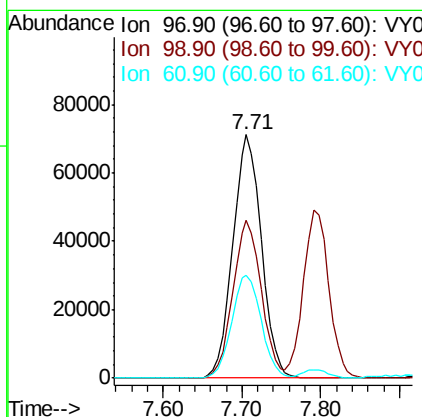
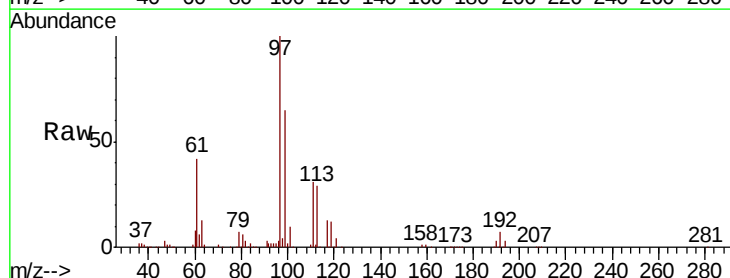
Manual Integrations
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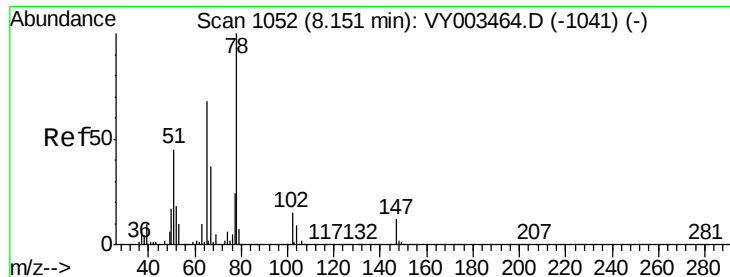
MMDadoda
11/5/2020 7:01:46 PM



#32
1,1,1-Trichloroethane
Concen: 53.283 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.6	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 50.345 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 114339

Ion Ratio Lower Upper

65 100

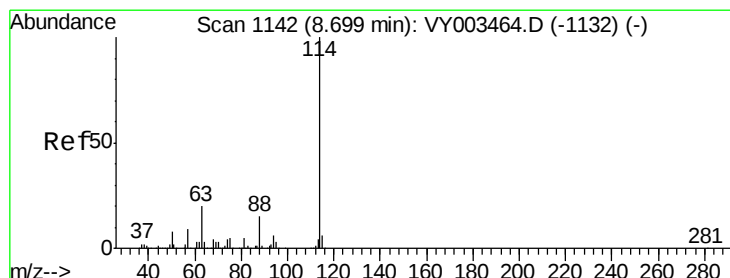
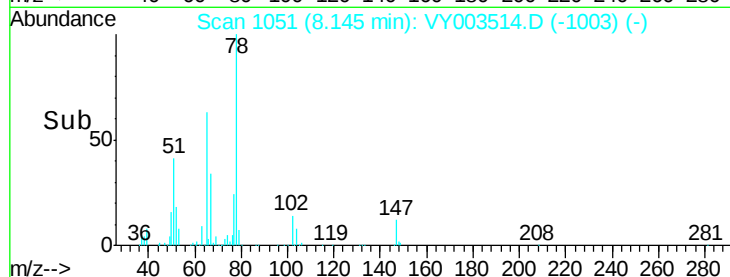
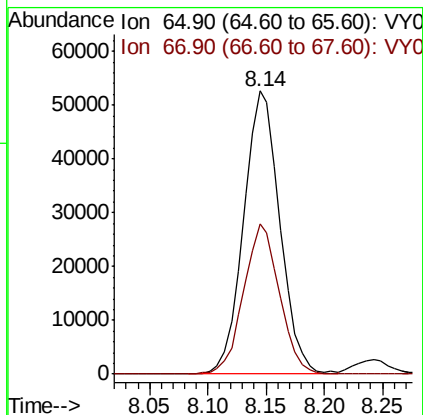
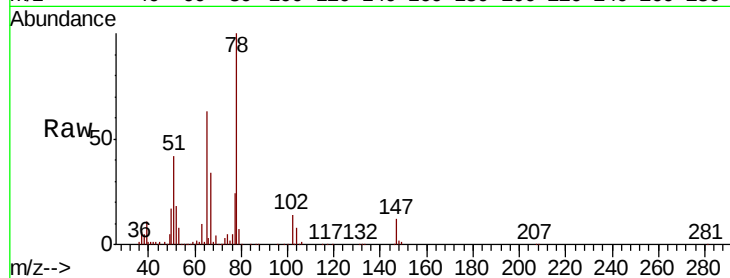
67 52.5 0.0 106.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

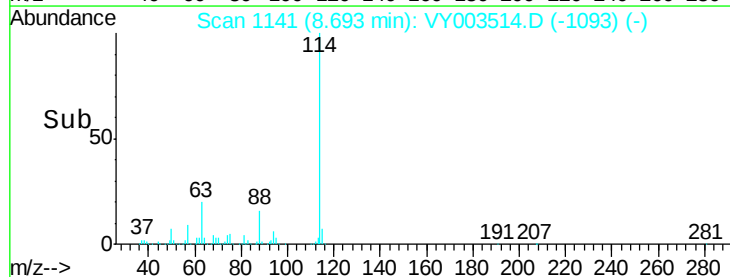
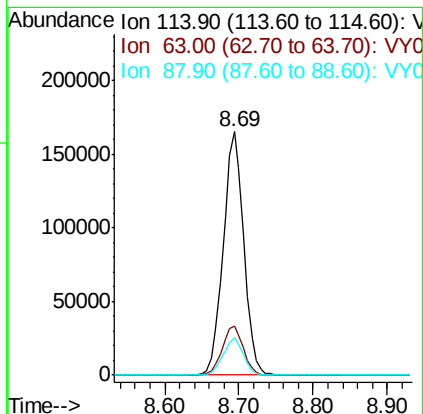
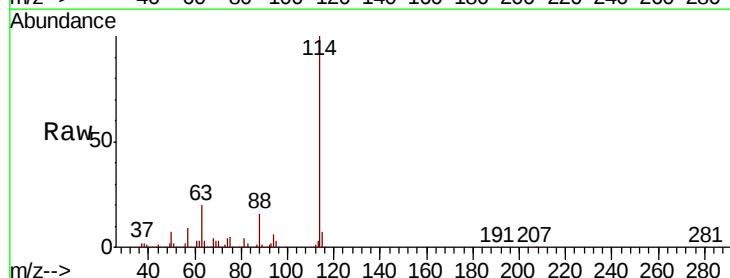
Tgt Ion: 114 Resp: 316419

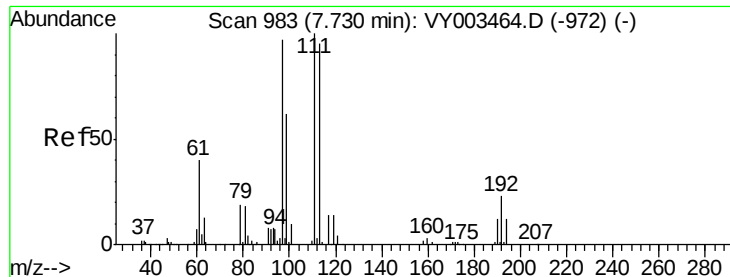
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 15.6 0.0 29.4





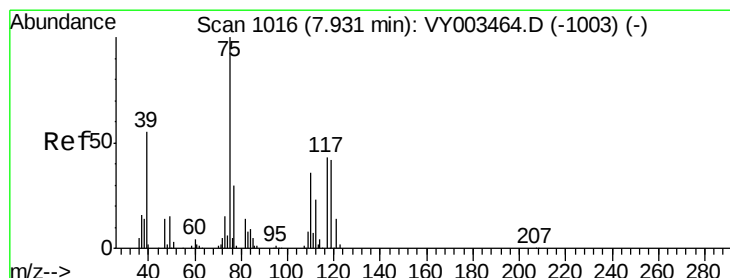
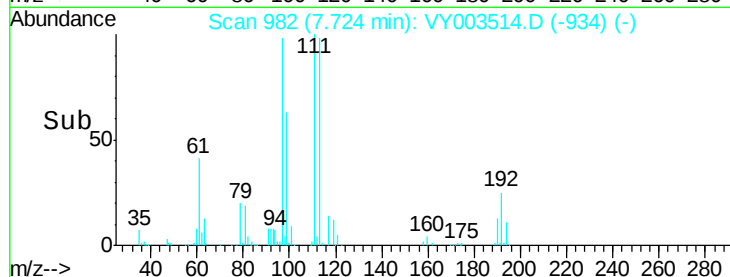
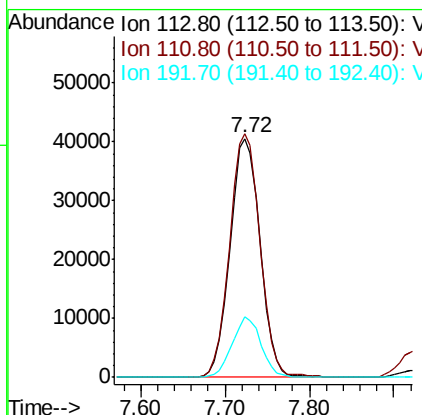
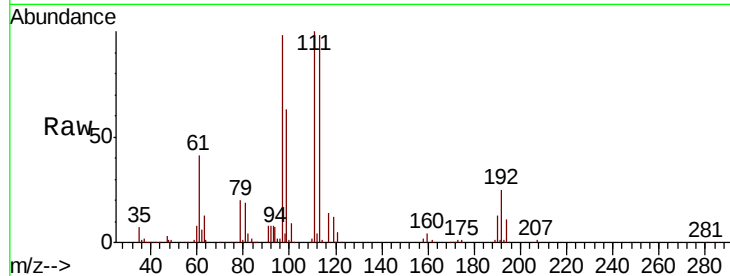
#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	24.3	18.8	28.2

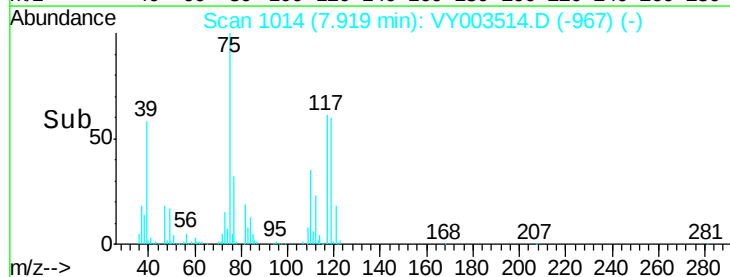
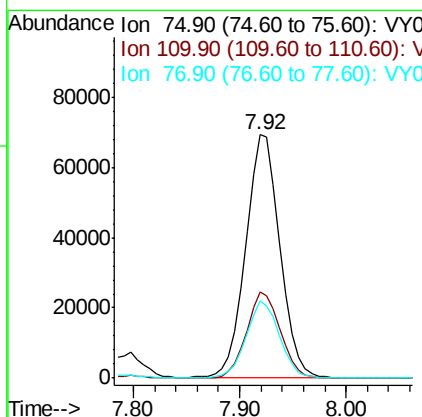
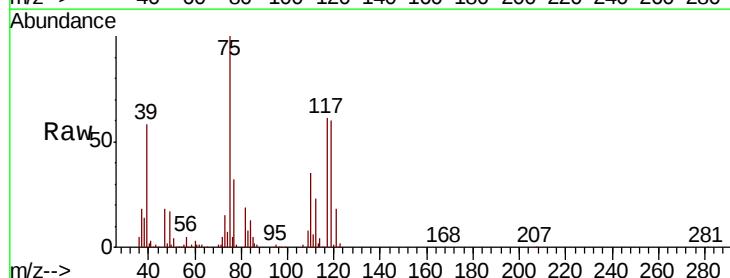
Manual Integrations
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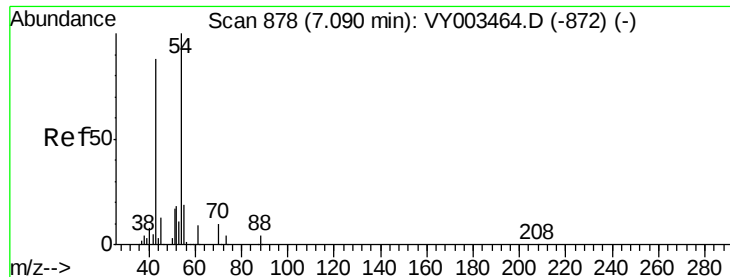
MMDadoda
11/5/2020 7:01:46 PM



#36
1,1-Dichloropropene
Concen: 52.205 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	31.4	24.7	37.1





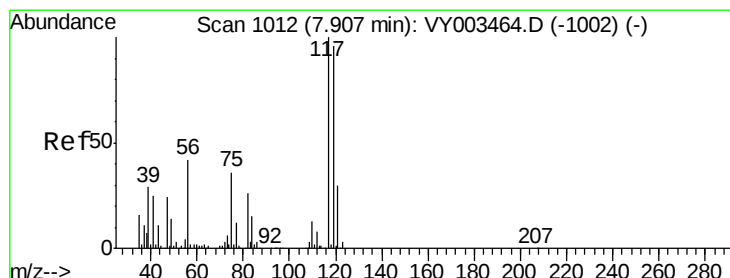
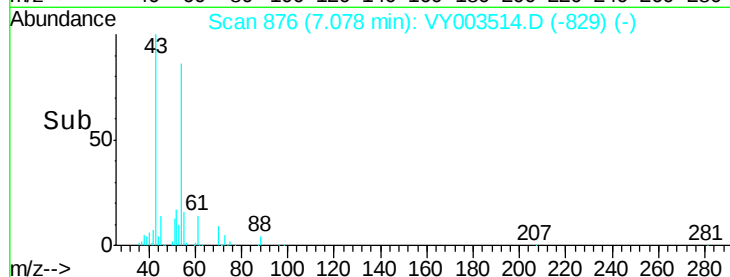
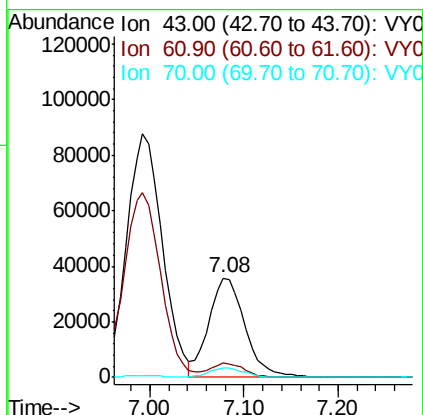
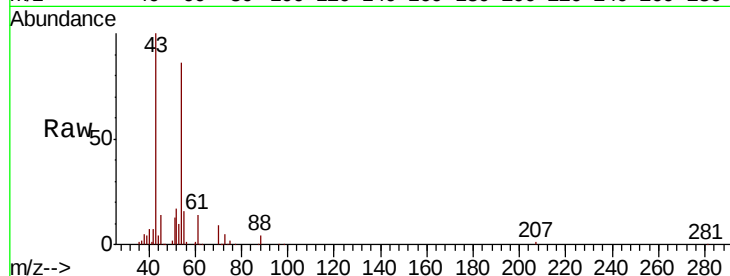
#37
Ethyl Acetate
Concen: 51.344 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	9.0	7.9	11.9

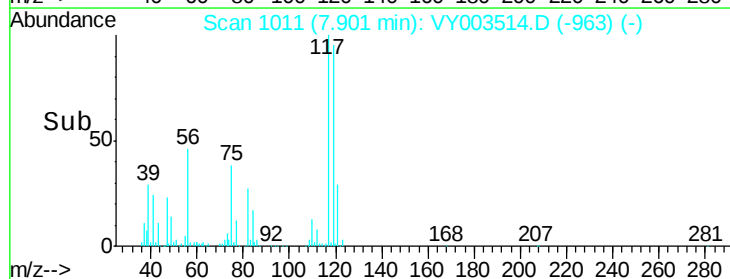
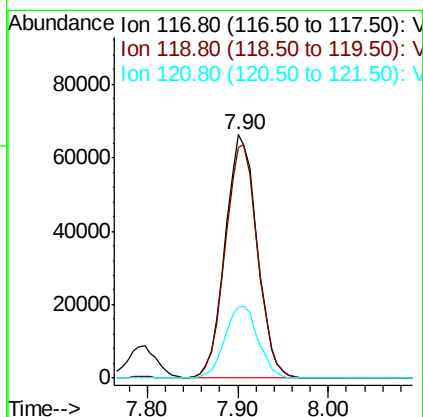
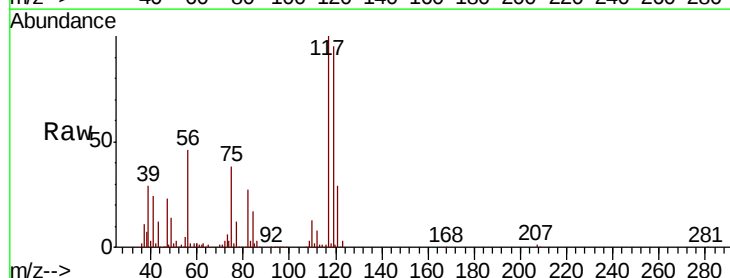
Manual Integrations
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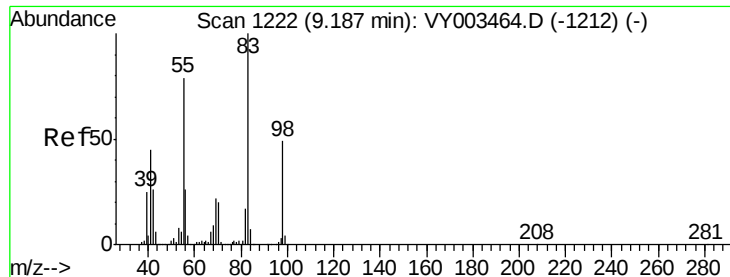
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#38
Carbon Tetrachloride
Concen: 52.461 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.4
121	29.1	24.2	36.4





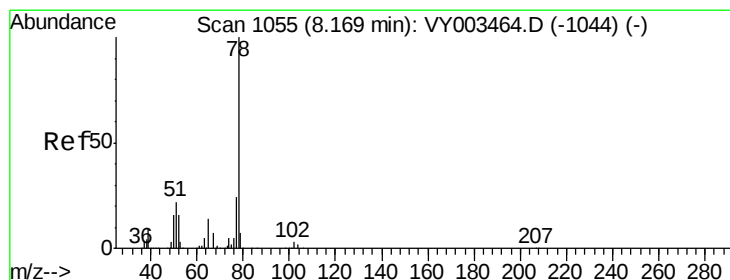
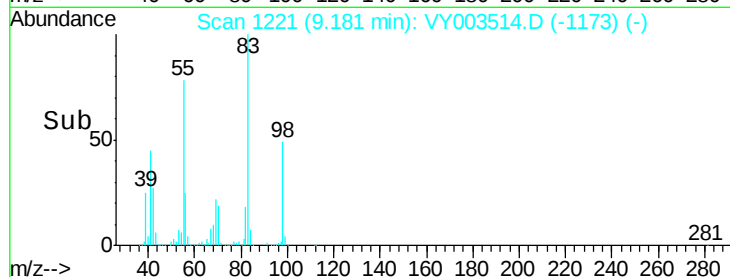
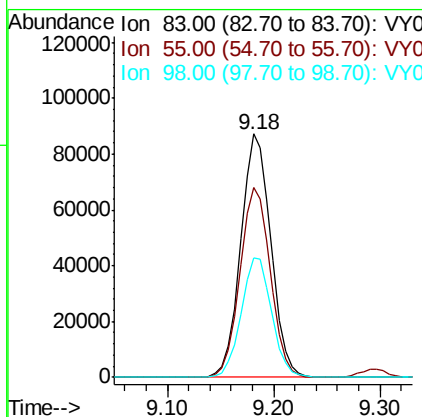
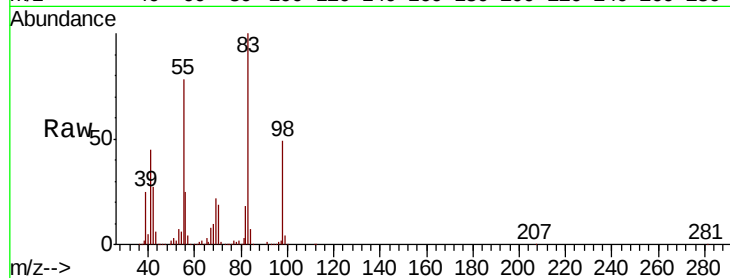
#39
Methvlcvclohexane
Concen: 52.348 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	63.5	95.3
98	49.1	39.4	59.2

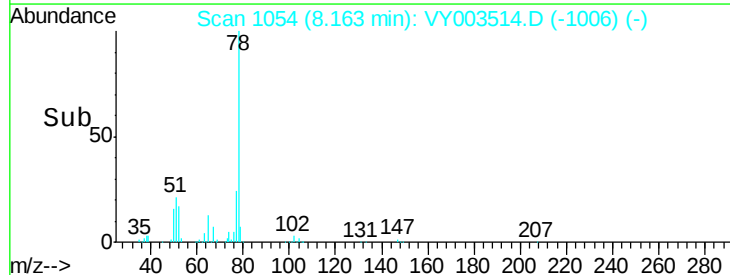
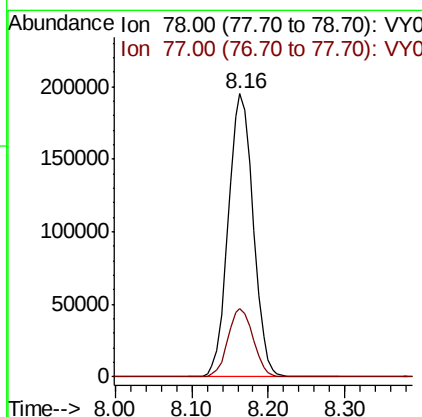
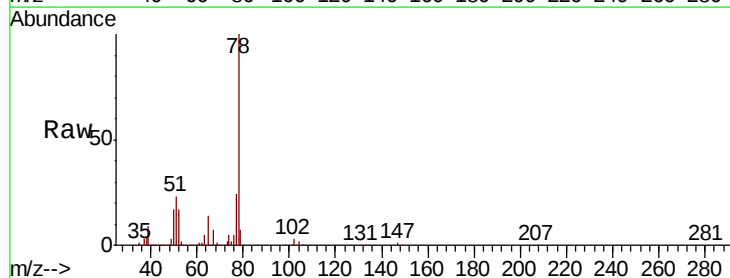
Manual Integrations
APPROVED

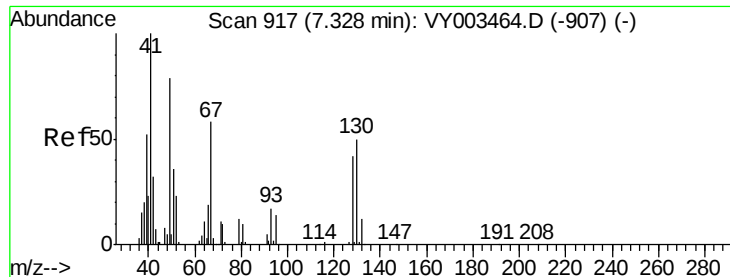
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#40
Benzene
Concen: 52.970 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41

Methacrylonitrile

Concen: 51.342 ug/l

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 50791

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

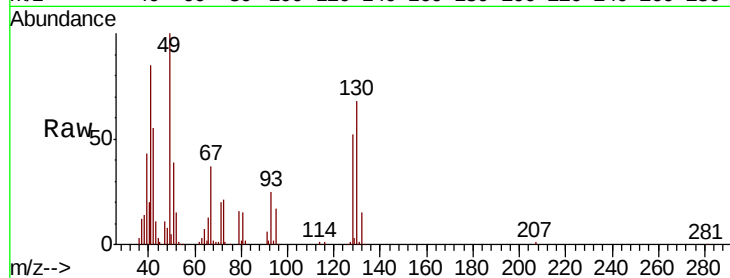
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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11/5/2020 7:01:46 PM

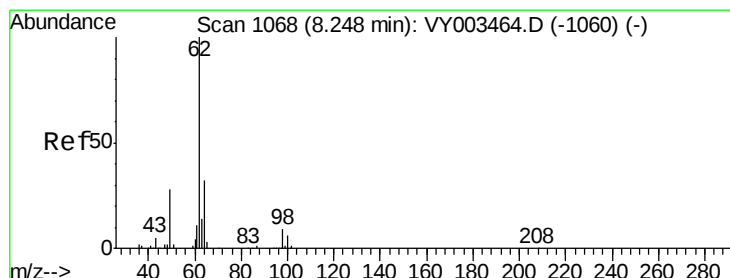
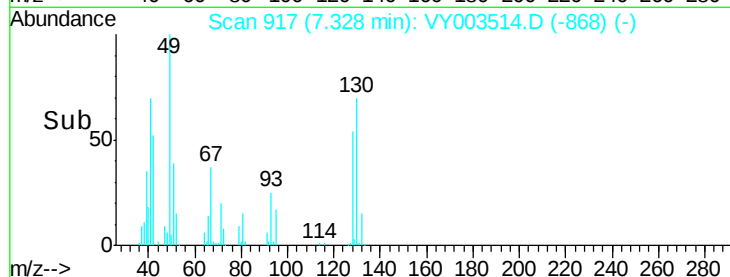
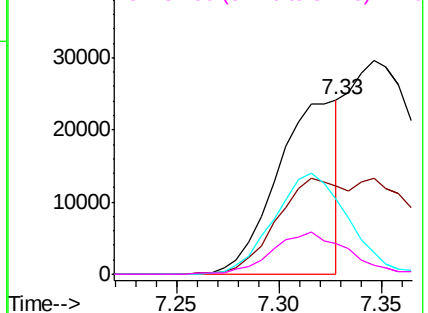


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 53.655 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY003514.D

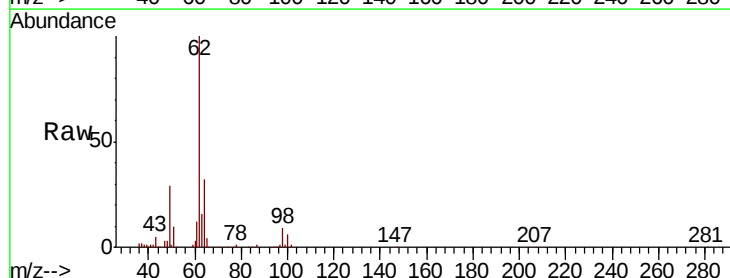
Acq: 04 Nov 2020 17:47

Tgt Ion: 62 Resp: 139579

Ion Ratio Lower Upper

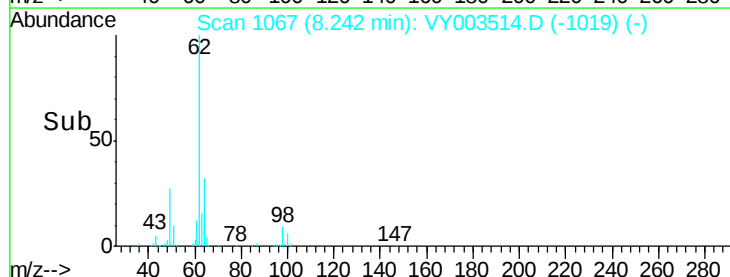
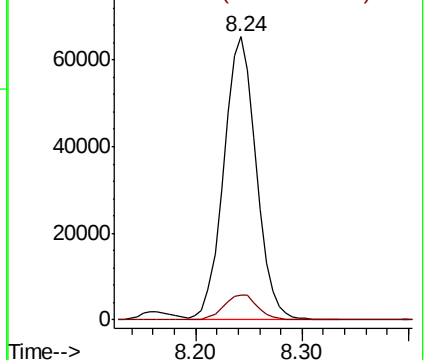
62 100

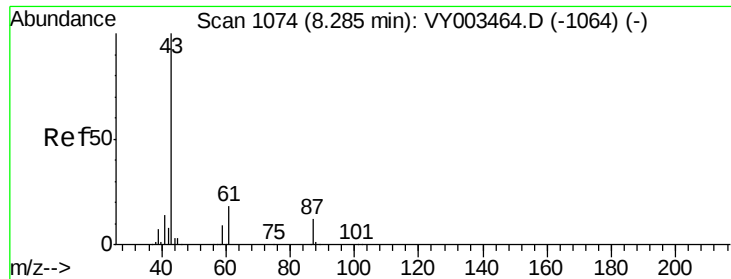
98 9.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





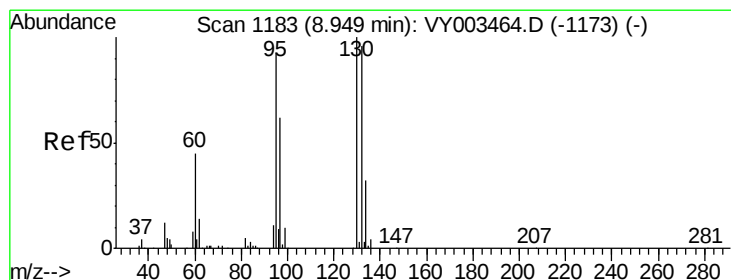
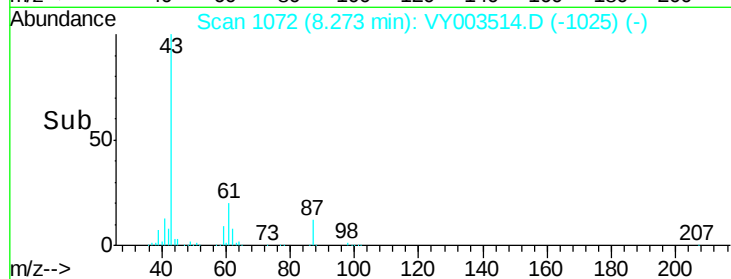
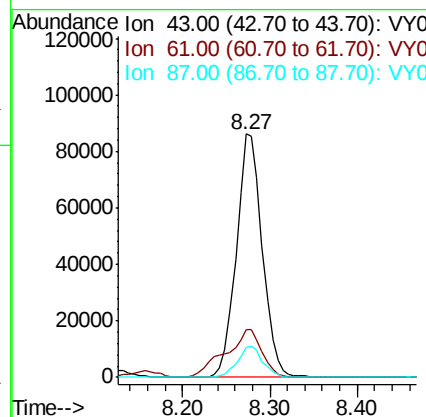
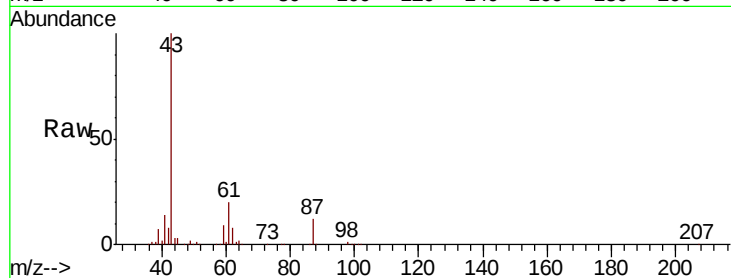
#43
Isopropyl Acetate
Concen: 53.194 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.9	32.9
87	12.6	10.0	15.0

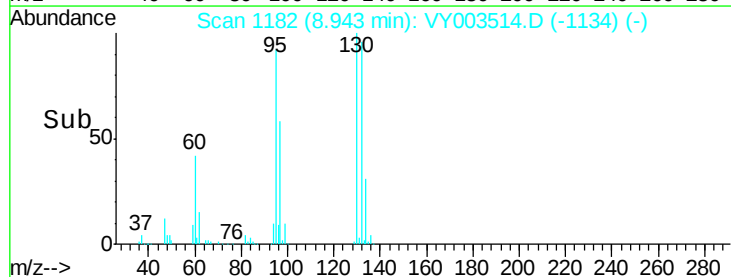
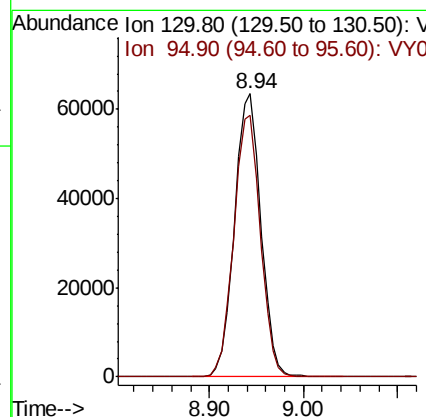
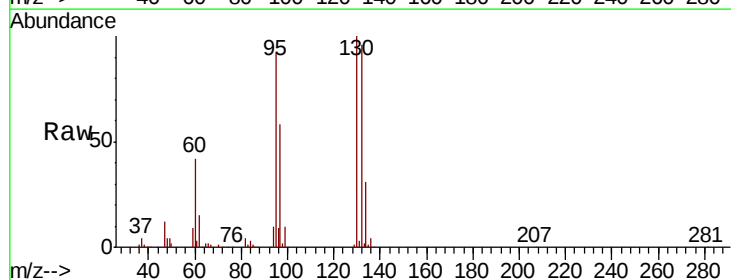
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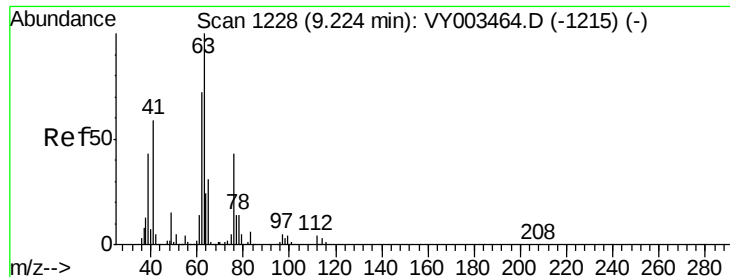
MMDadoda
11/5/2020 7:01:46 PM



#44
Trichloroethene
Concen: 53.007 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	186.6





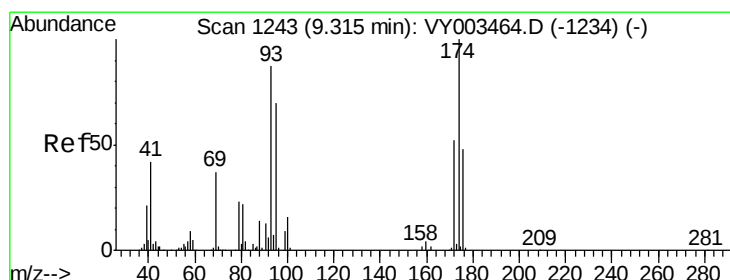
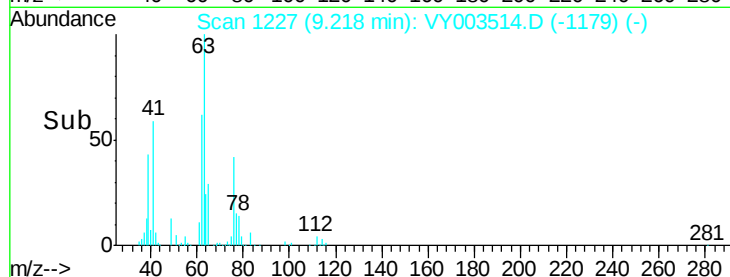
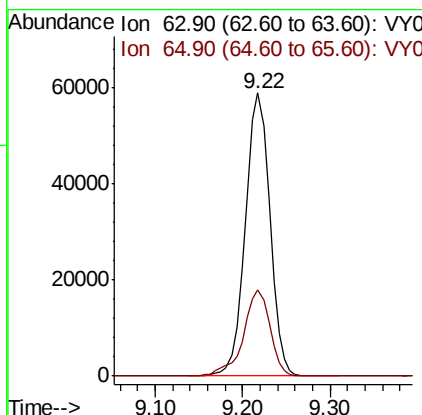
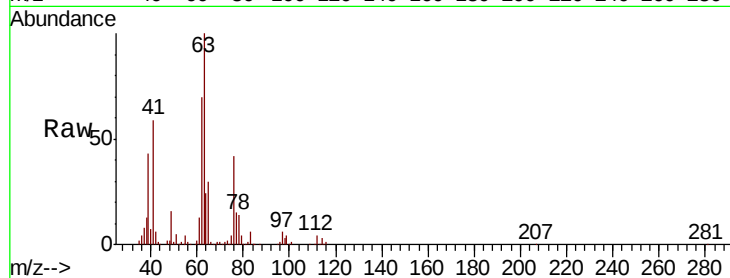
#45
 1,2-Dichloropropane
 Concen: 54.798 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.6	36.8

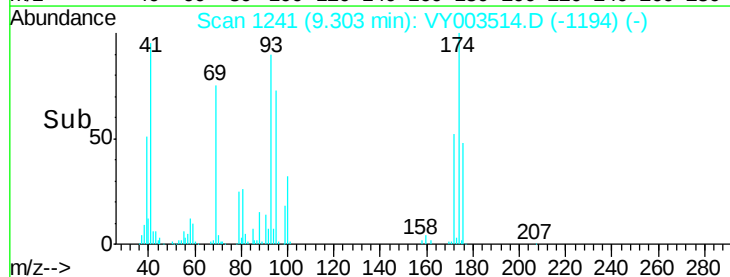
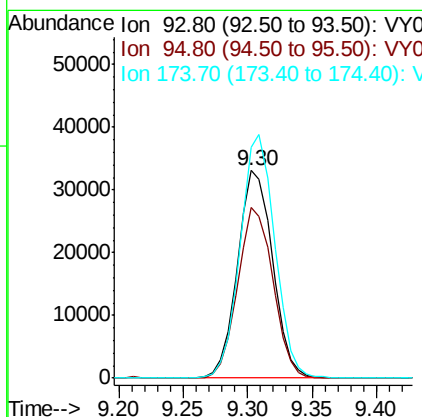
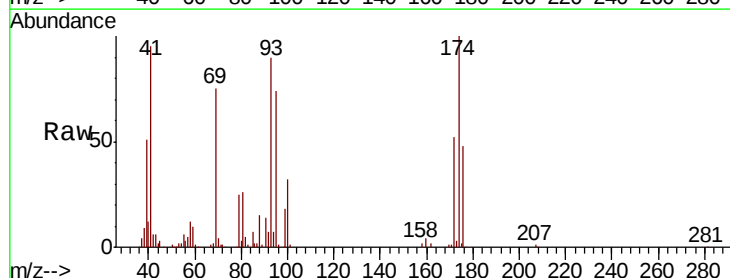
Manual Integrations
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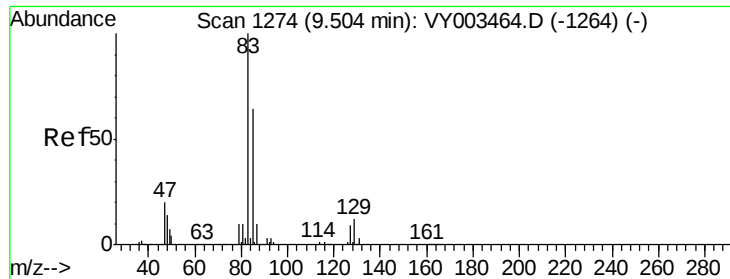
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#46
 Dibromomethane
 Concen: 54.288 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.0	97.6
174	115.4	91.8	137.6





#47

Bromodichloromethane

Concen: 55.774 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

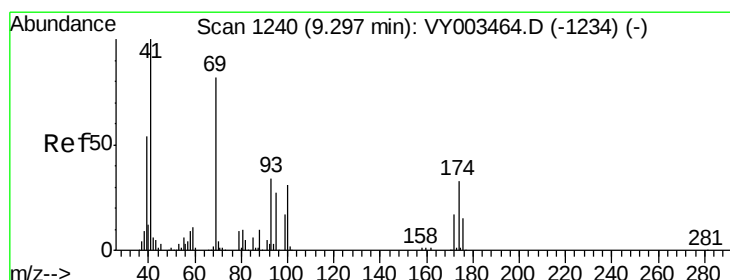
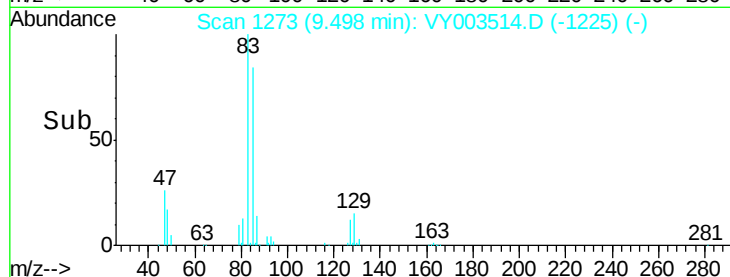
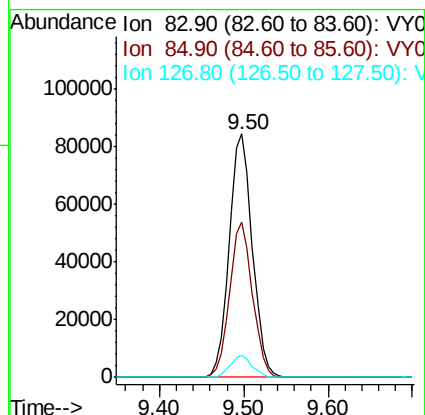
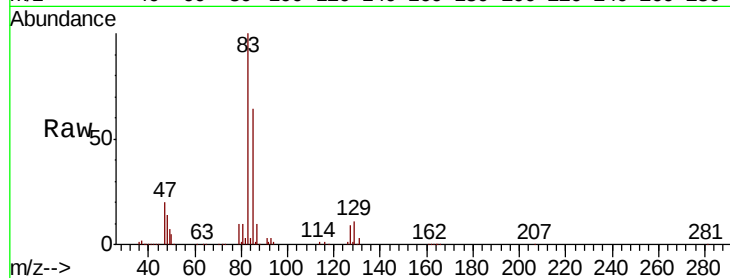
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	157464
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6
127	9.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.008 ug/l

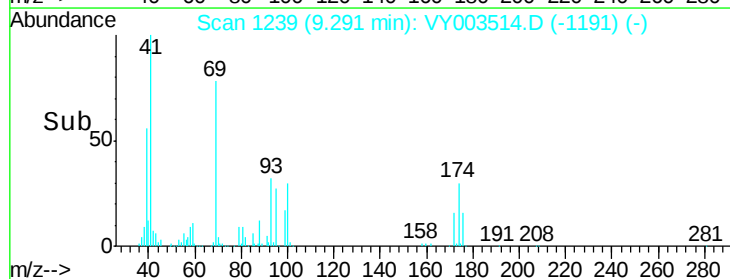
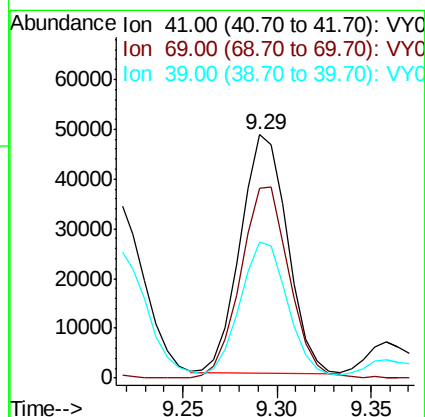
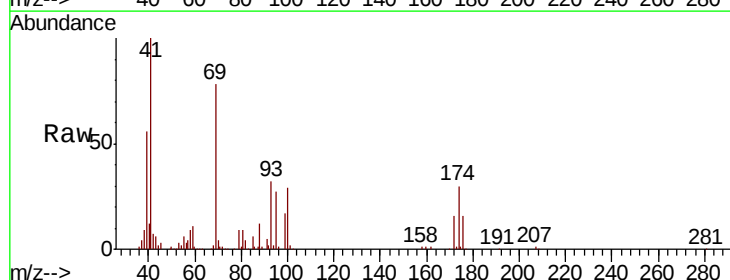
RT: 9.29 min Scan# 1239

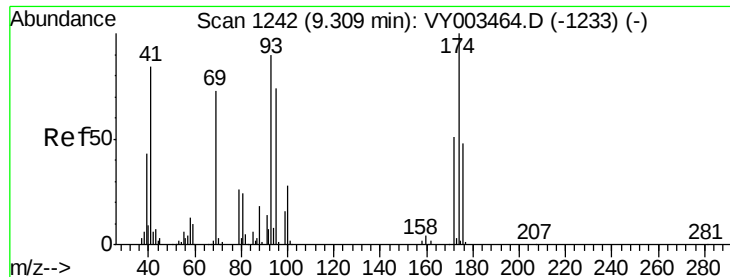
Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion:	41	Resp:	83133
Ion Ratio	Lower	Upper	
41	100		
69	83.3	65.9	98.9
39	58.5	43.2	64.8





#49

1,4-Dioxane

Concen: 1064.850 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

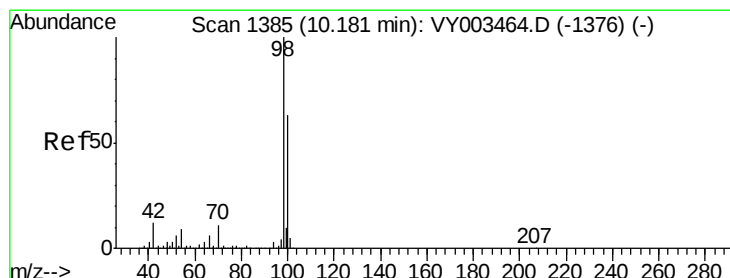
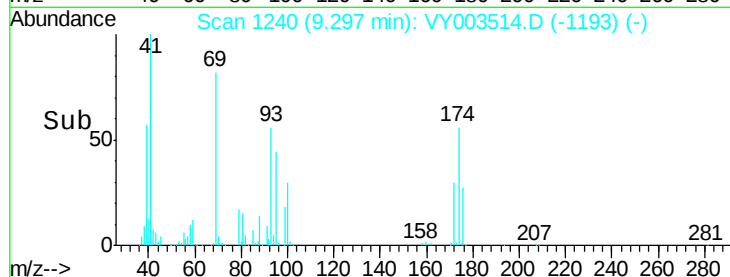
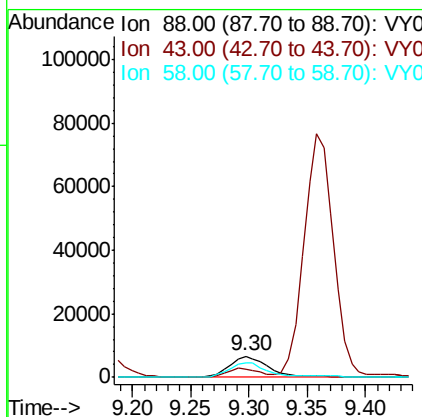
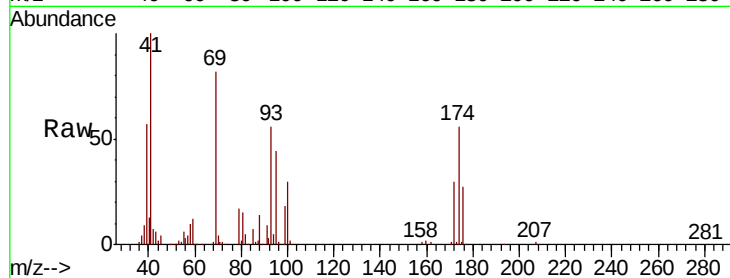
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	15326
Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.6	41.4
58	67.3	54.2	81.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.519 ug/l

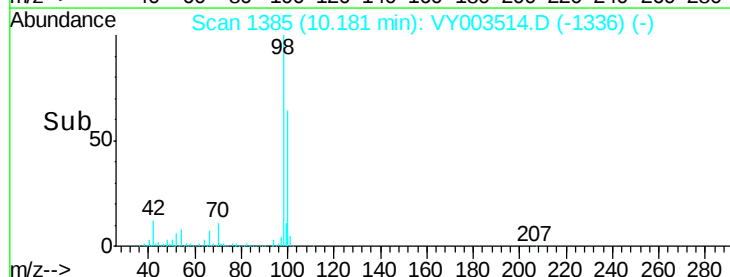
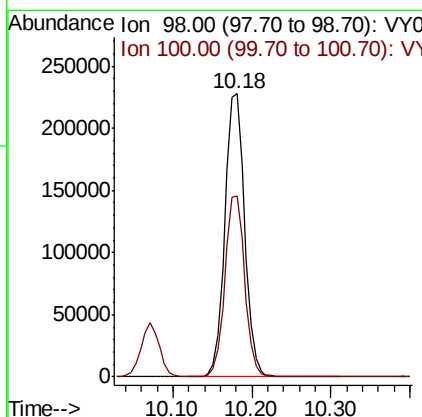
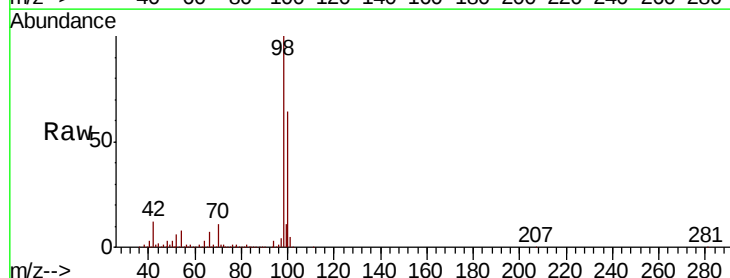
RT: 10.18 min Scan# 1385

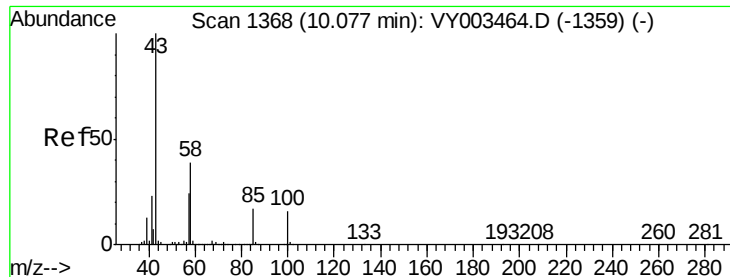
Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion:	98	Resp:	396659
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





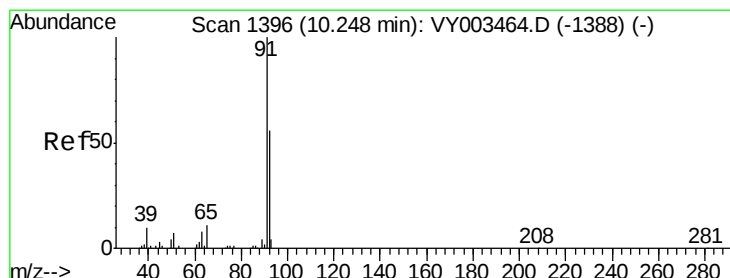
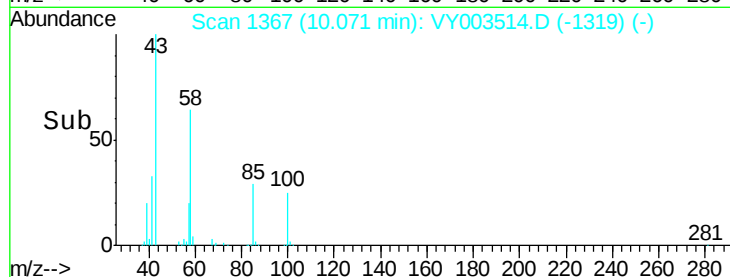
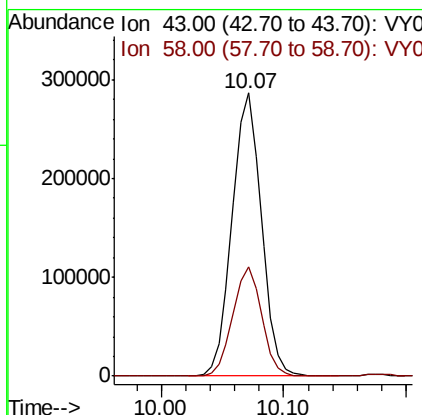
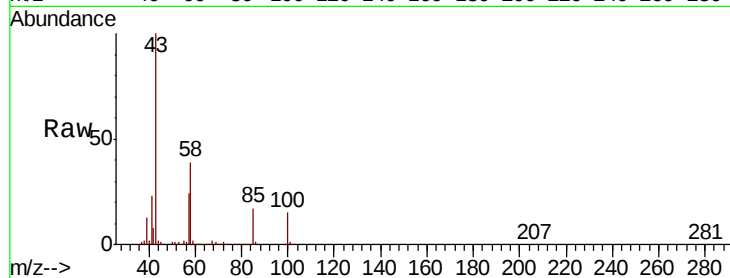
#51
4-Methyl-2-Pentanone
Concen: 267.521 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	474542
Ion Ratio	100	Lower	Upper
43	100		
58	38.1	31.0	46.4

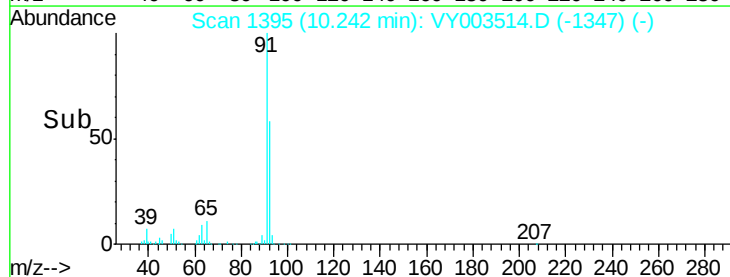
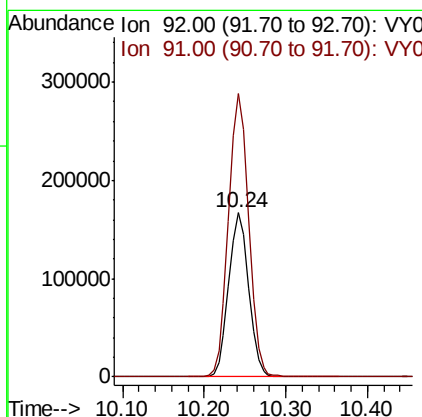
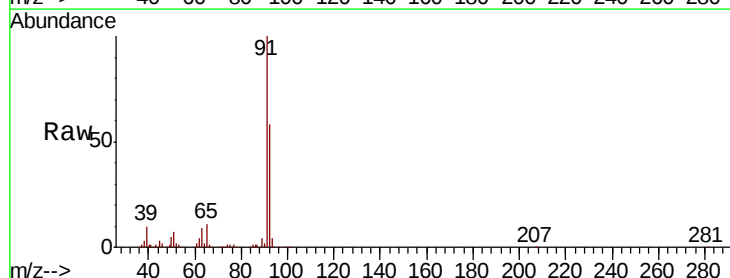
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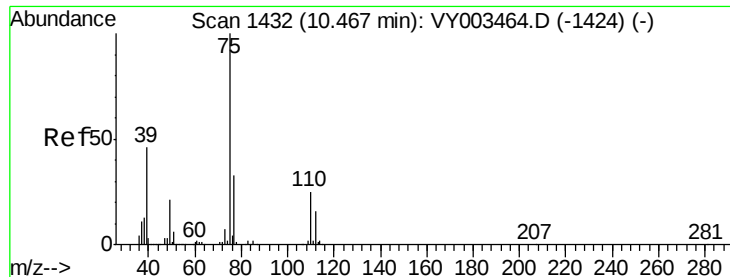
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#52
Toluene
Concen: 54.146 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	92	Resp	281170
Ion Ratio	100	Lower	Upper
92	100		
91	174.4	140.2	210.4





#53

t-1,3-Dichloropropene

Concen: 55.017 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 165300

Ion Ratio Lower Upper

75 100

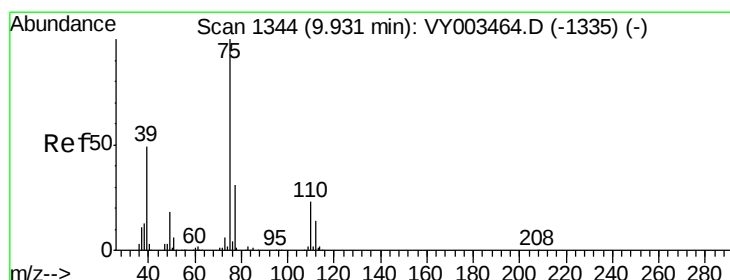
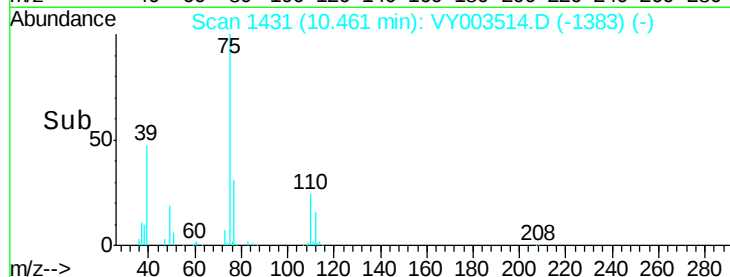
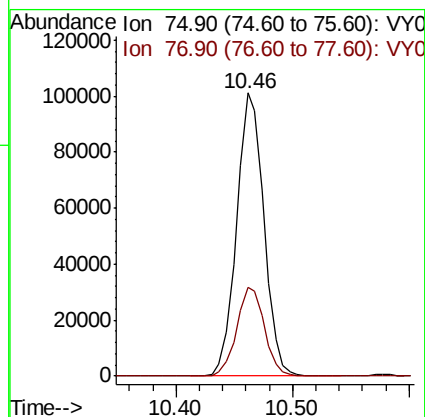
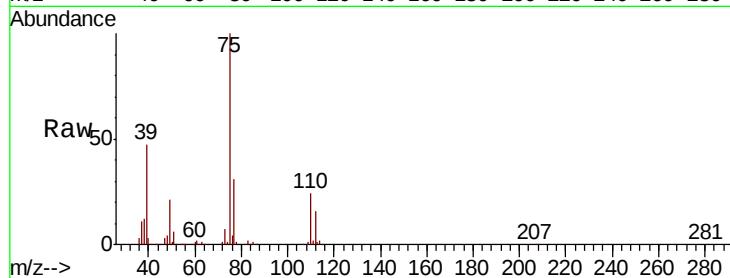
77 31.2 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 54.867 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

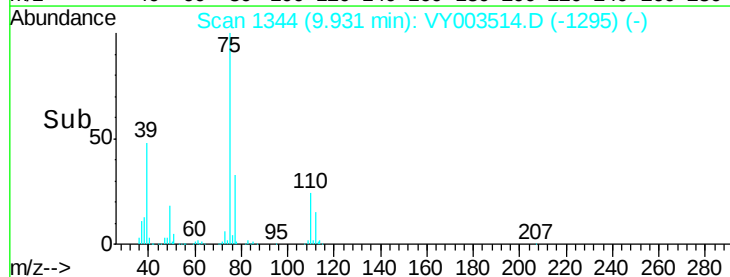
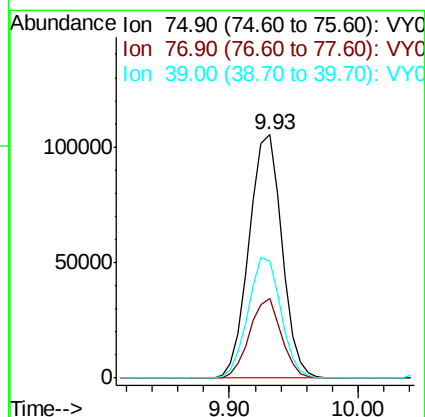
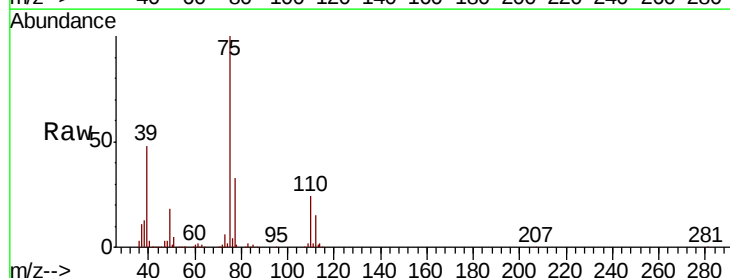
Tgt Ion: 75 Resp: 185504

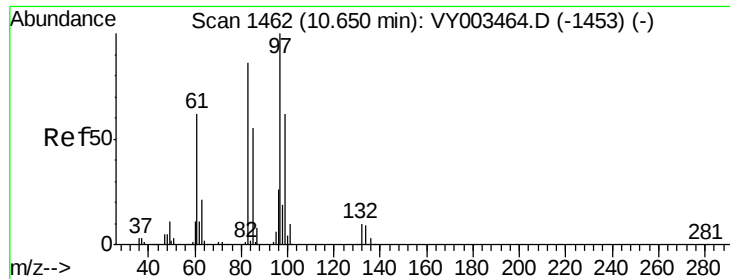
Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7

39 47.9 39.0 58.4





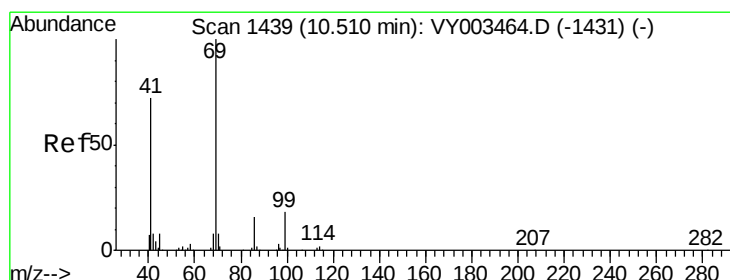
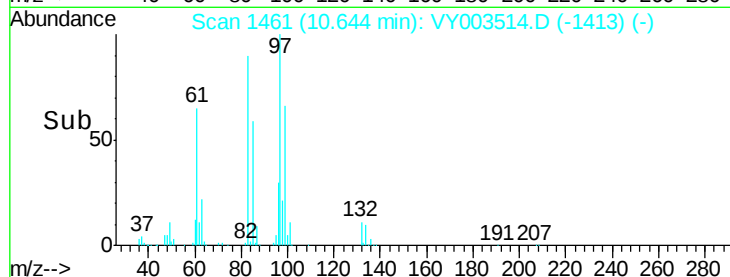
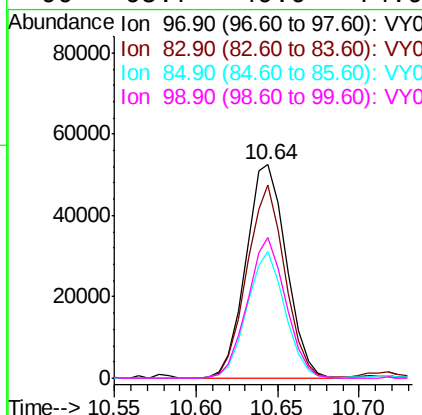
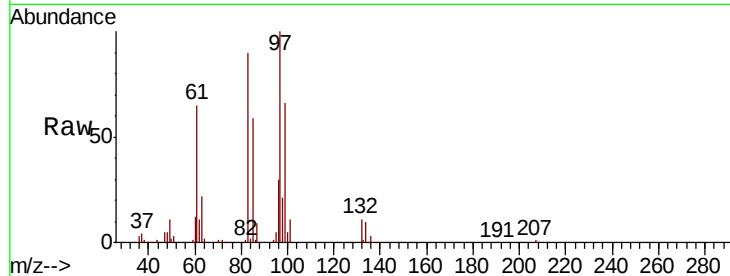
#55
 1,1,2-Trichloroethane
 Concen: 55.251 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	90469
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.6	102.8
85	59.4	43.8	65.6
99	65.7	49.9	74.9

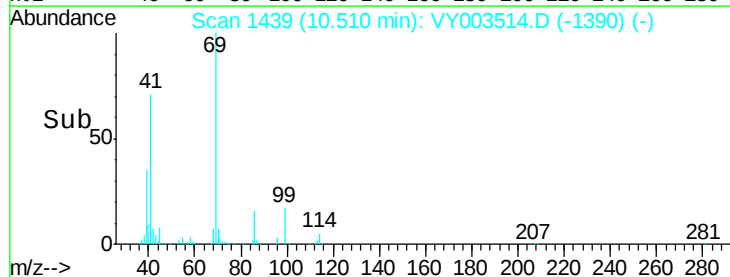
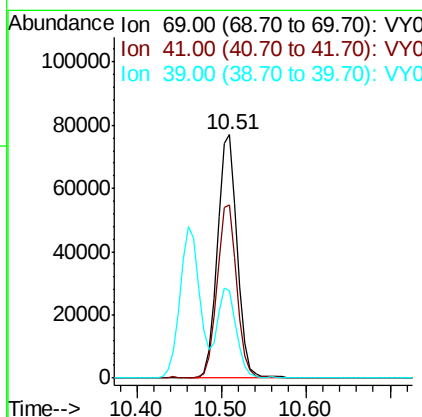
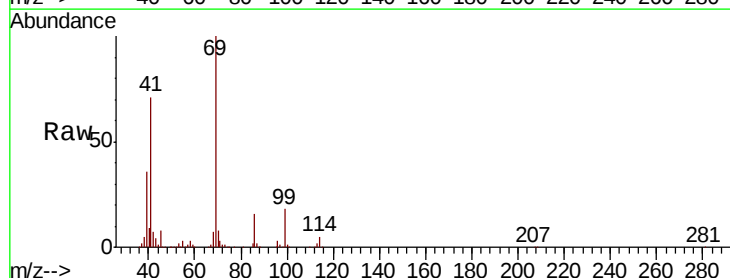
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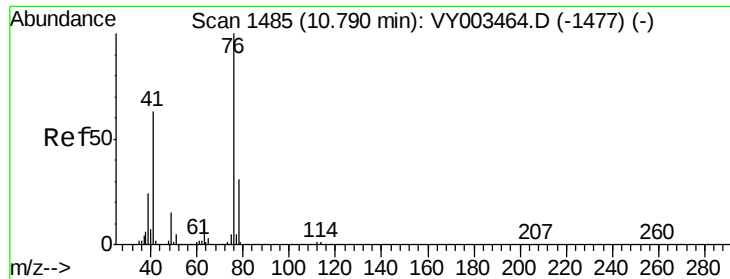
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#56
 Ethyl methacrylate
 Concen: 56.911 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion:	69	Resp:	124818
Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.4	83.2
39	35.8	28.7	43.1





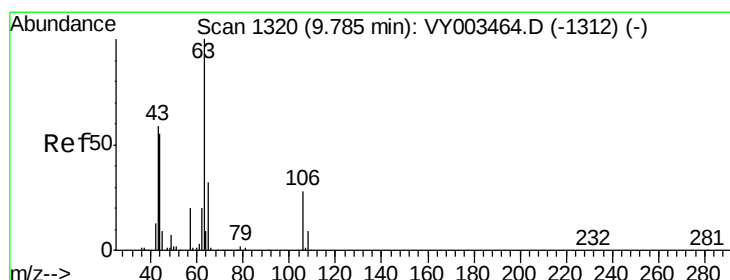
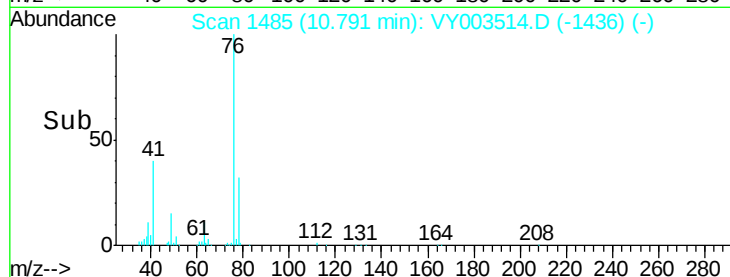
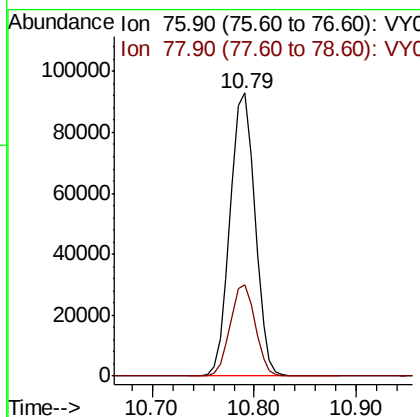
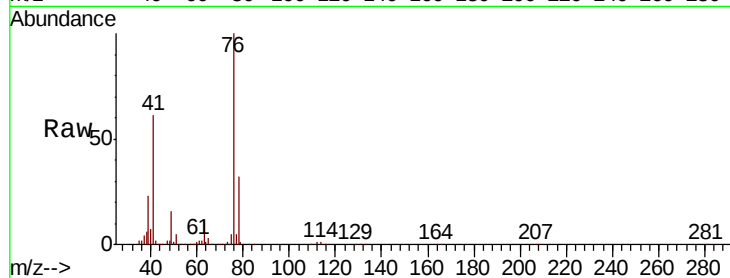
#57
 1,3-Dichloropropane
 Concen: 55.311 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

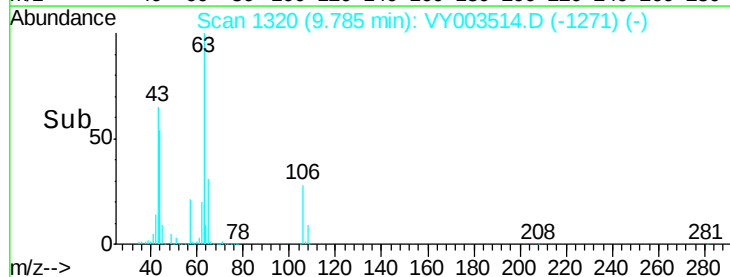
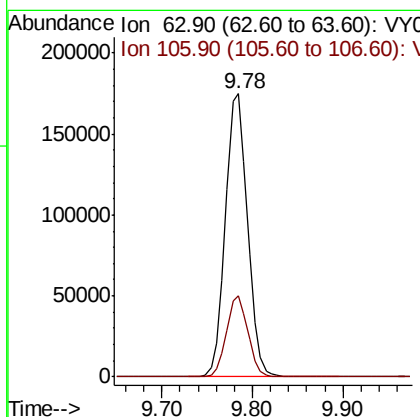
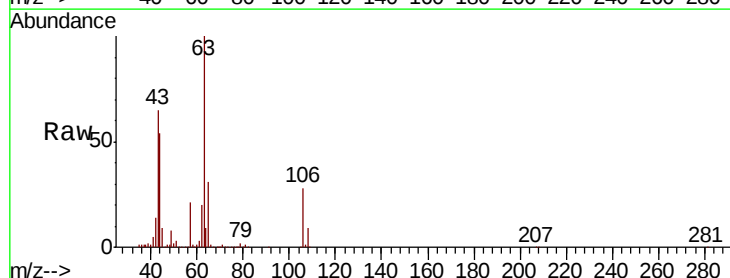
Manual Integrations
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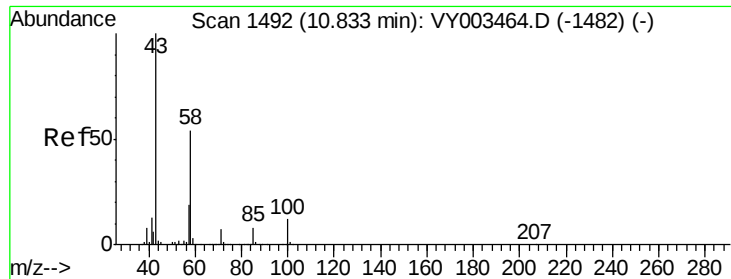
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 11/5/2020 7:01:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.104 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.3	33.5





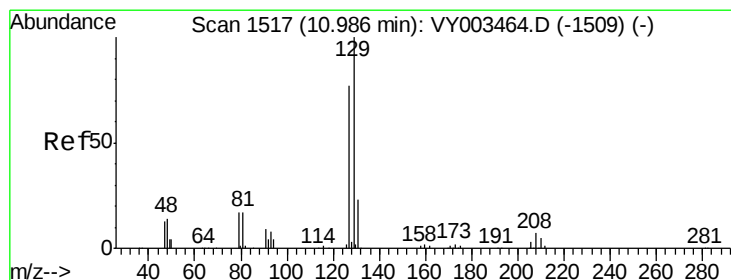
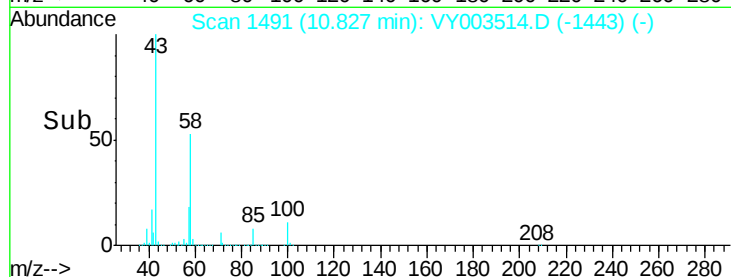
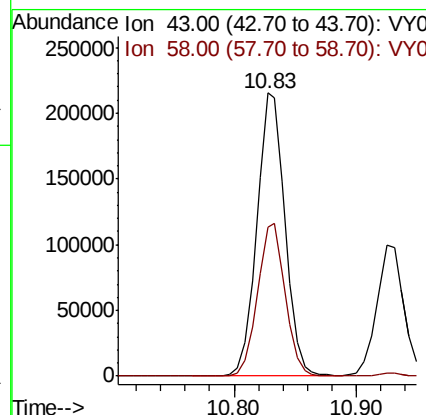
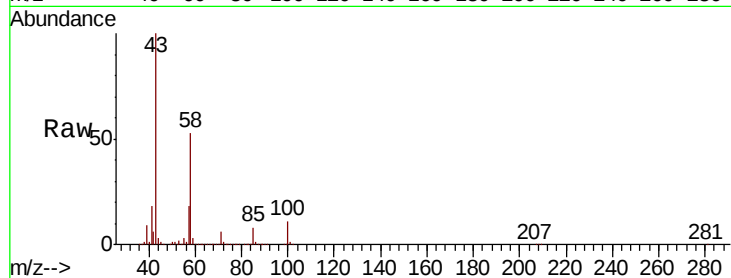
#59
2-Hexanone
Concen: 262.901 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 345286
Ion Ratio Lower Upper
43 100
58 53.1 26.8 80.3

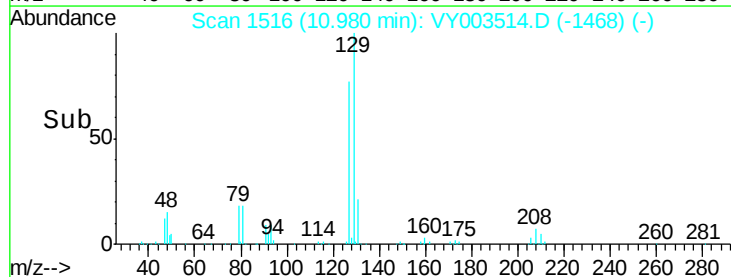
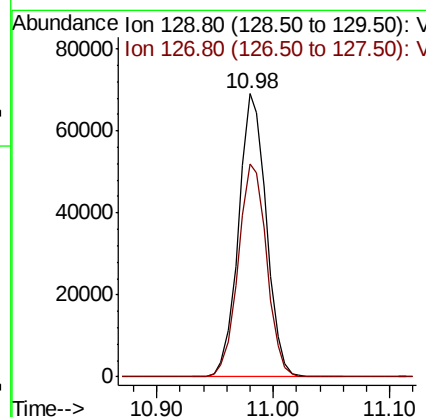
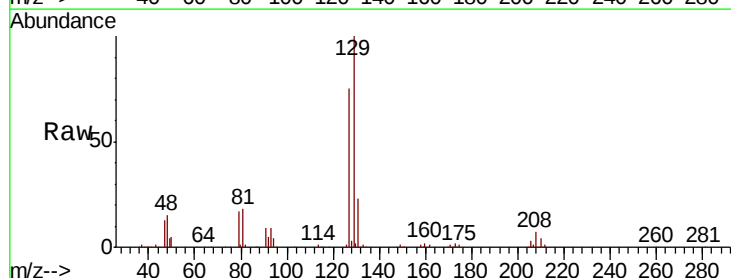
Manual Integrations
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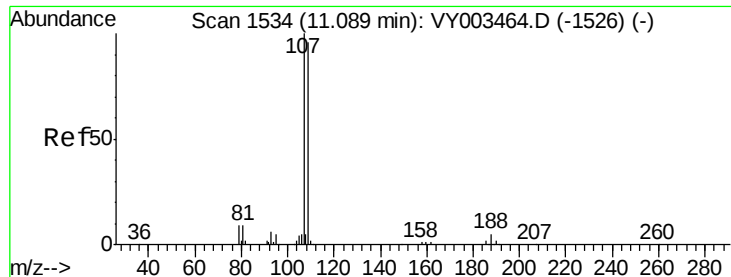
MMDadoda
11/5/2020 7:01:46 PM



#60
Dibromochloromethane
Concen: 56.943 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:129 Resp: 114599
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





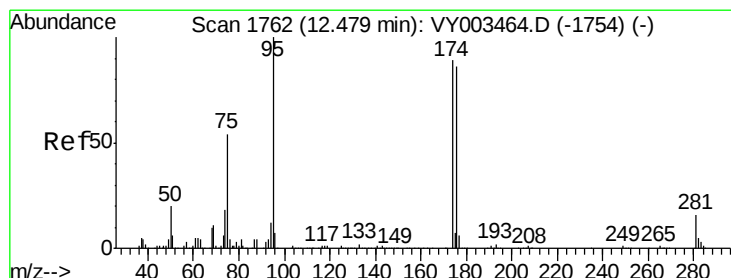
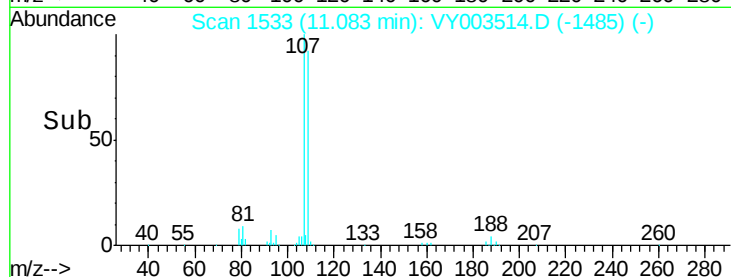
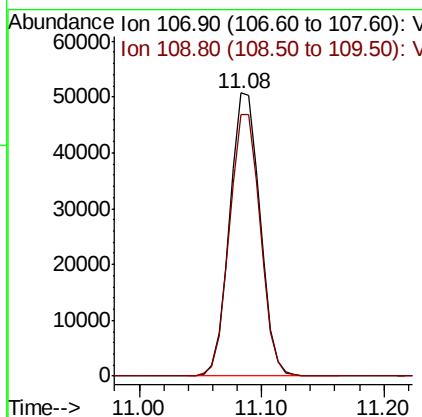
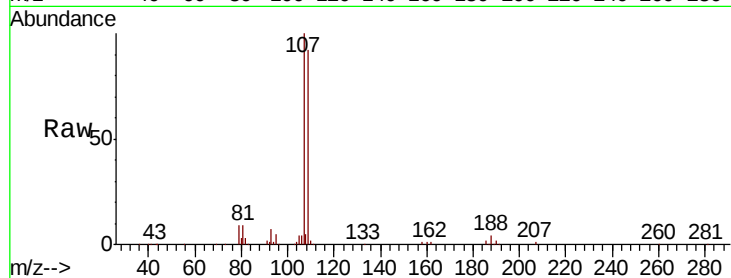
#61
 1,2-Dibromoethane
 Concen: 54.933 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.5	114.7

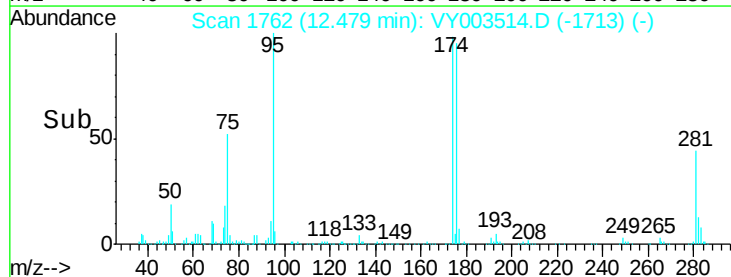
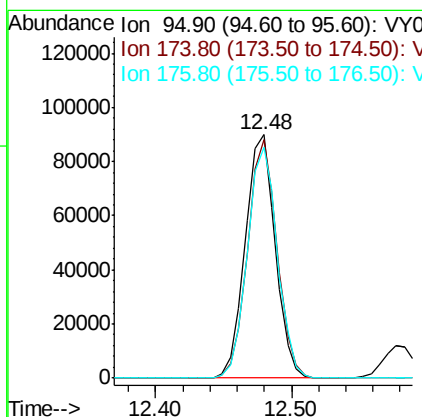
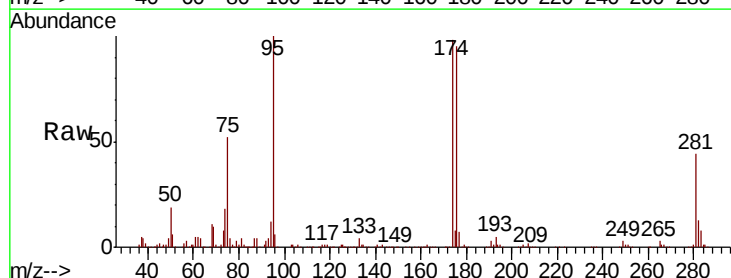
Manual Integrations
 APPROVED

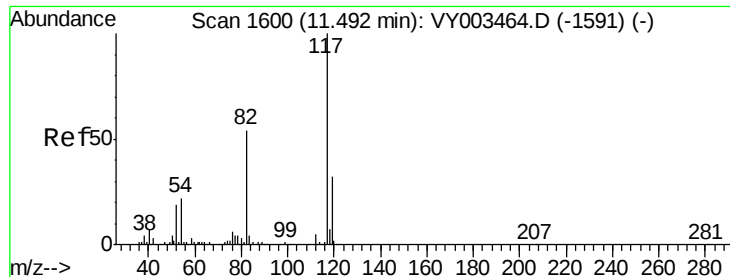
MMDadoda
 11/5/2020 7:01:46 PM



#62
 4-Bromofluorobenzene
 Concen: 52.471 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	193.0
176	94.9	0.0	187.4





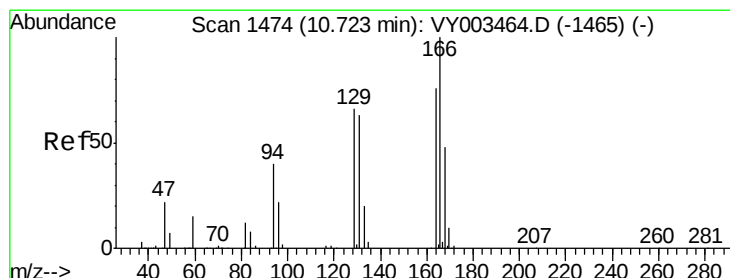
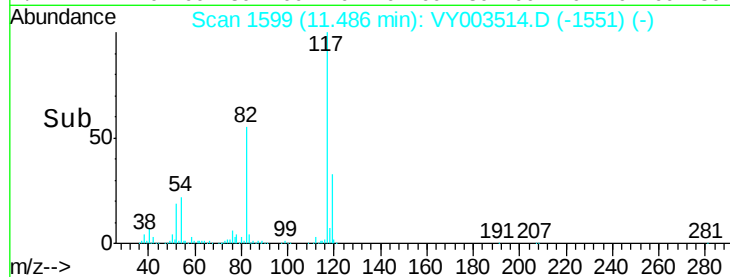
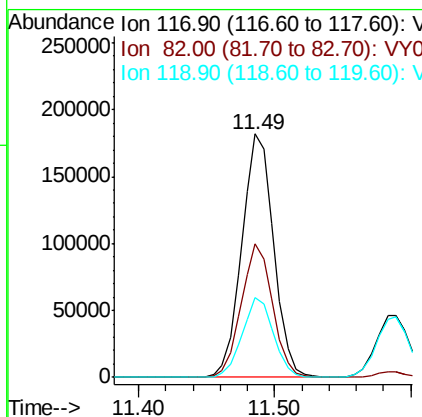
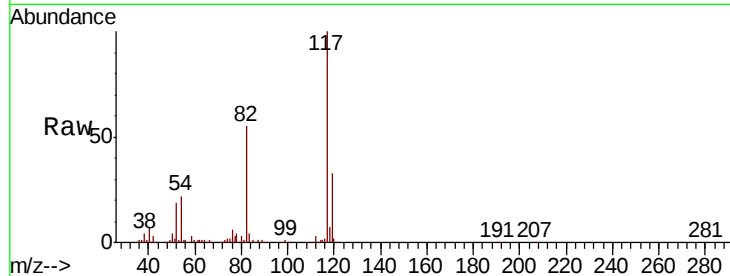
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	296542		
82	54.8		43.4	65.2
119	32.6		25.8	38.6

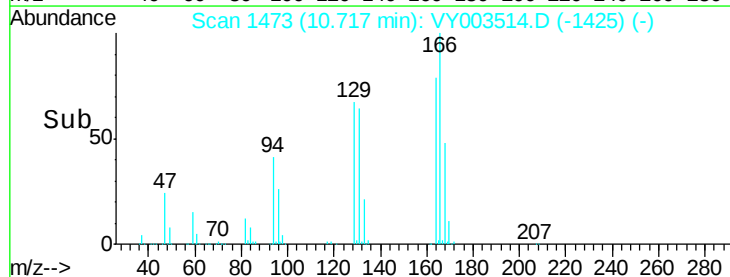
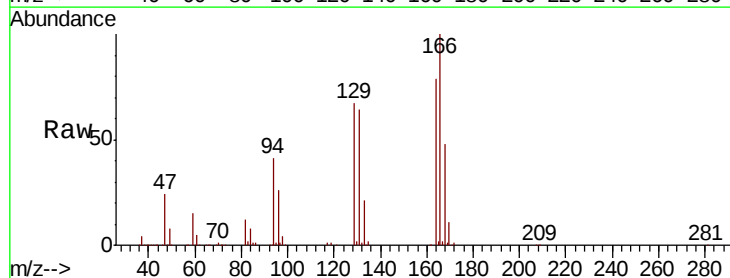
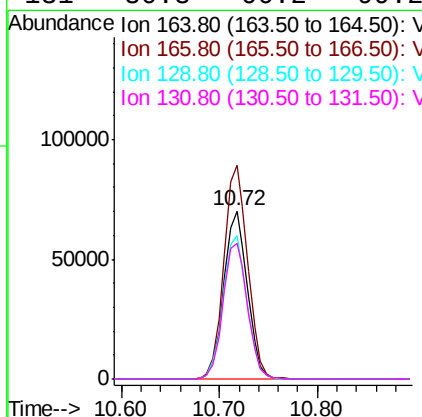
Manual Integrations
APPROVED

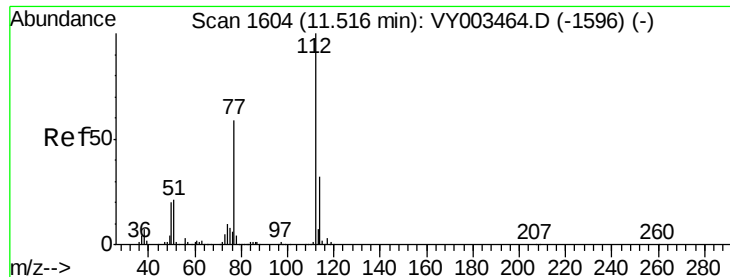
MMDadoda
11/5/2020 7:01:46 PM



#64
Tetrachloroethene
Concen: 52.720 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116755		
166	126.9		104.9	157.3
129	84.8		68.9	103.3
131	80.8		66.2	99.2





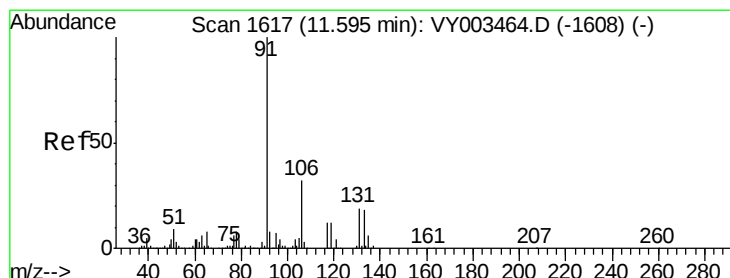
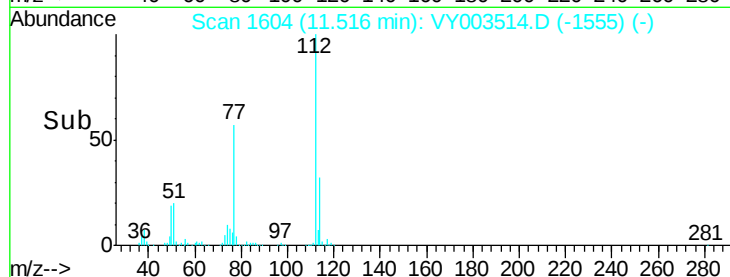
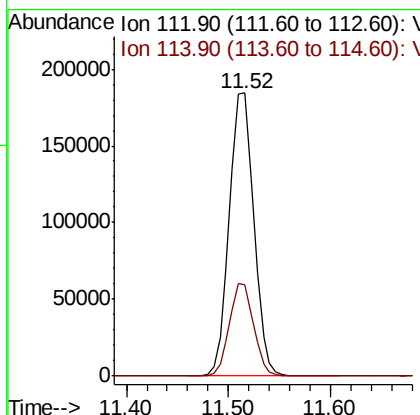
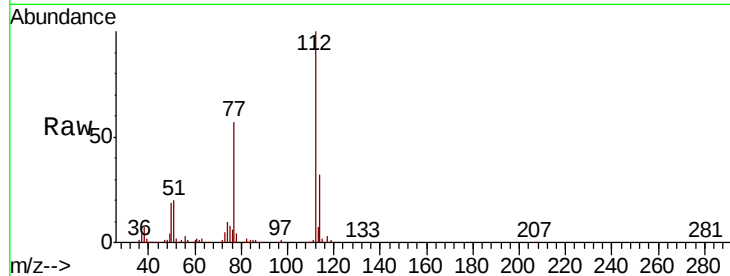
#65
Chlorobenzene
Concen: 53.369 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

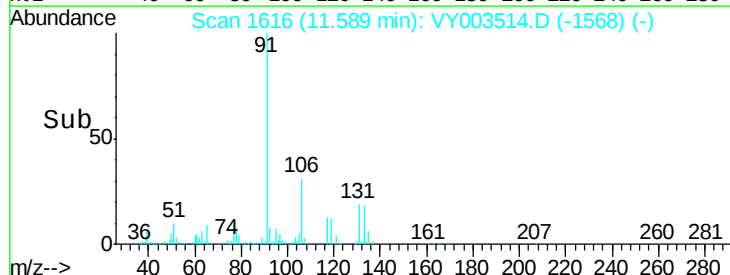
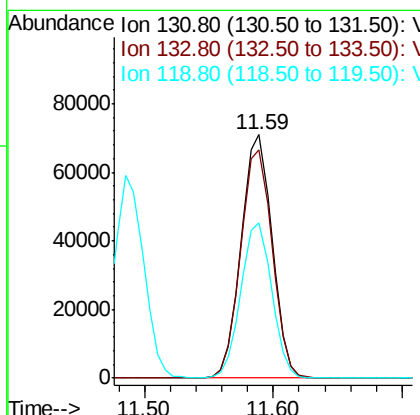
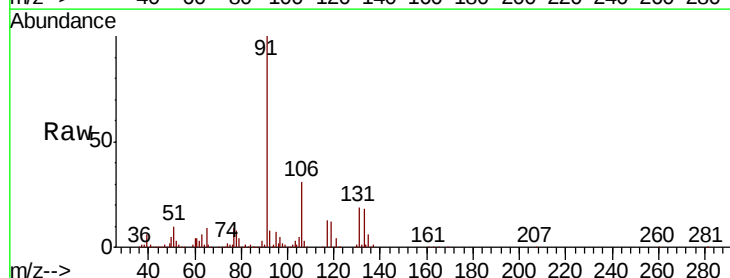
Manual Integrations
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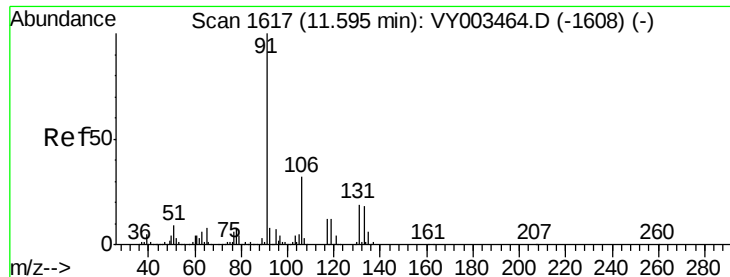
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.329 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.4	142.2
119	64.2	31.6	95.0





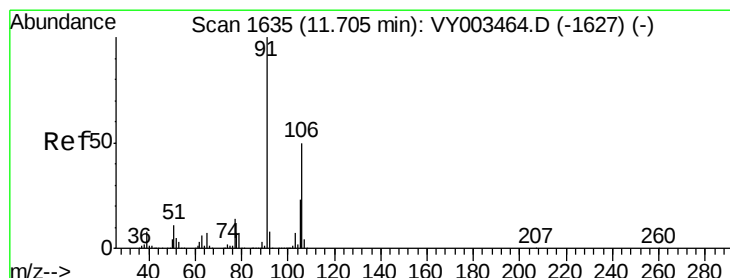
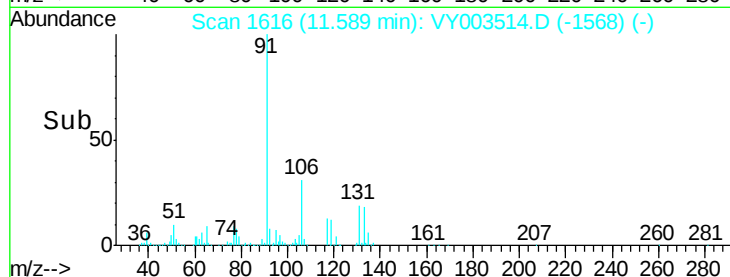
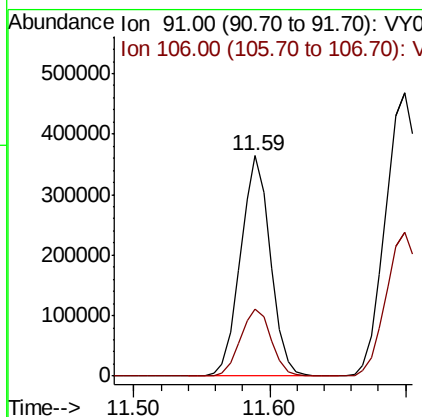
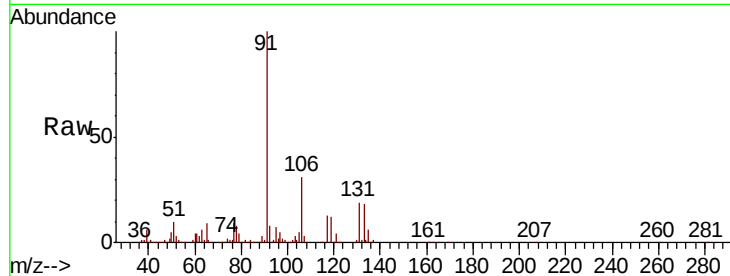
#67
Ethyl Benzene
Concen: 53.441 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 558273
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0

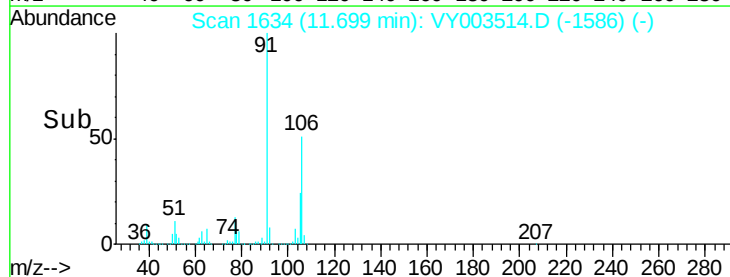
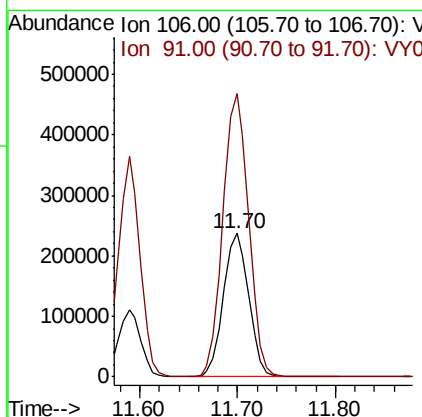
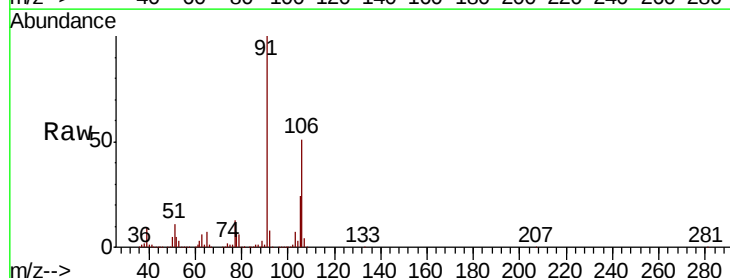
Manual Integrations
APPROVED

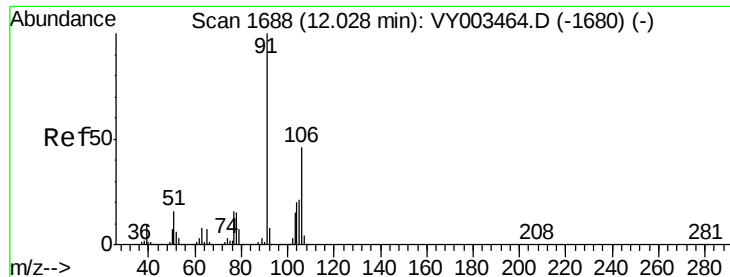
MMDadoda
11/5/2020 7:01:46 PM



#68
m/p-Xylenes
Concen: 107.784 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 106 Resp: 426687
Ion Ratio Lower Upper
106 100
91 200.3 161.0 241.6





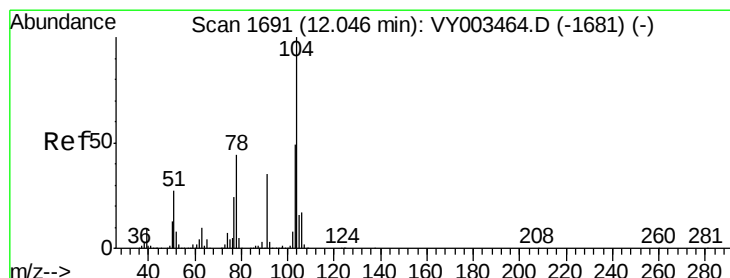
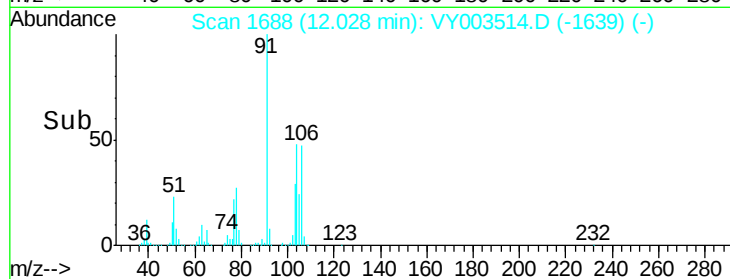
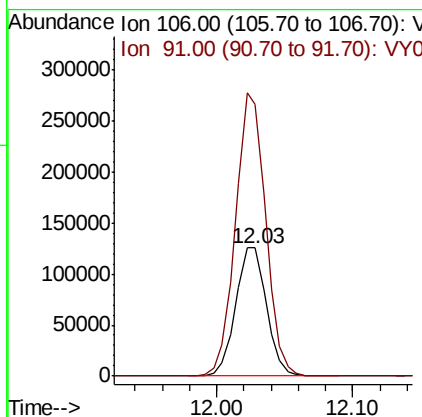
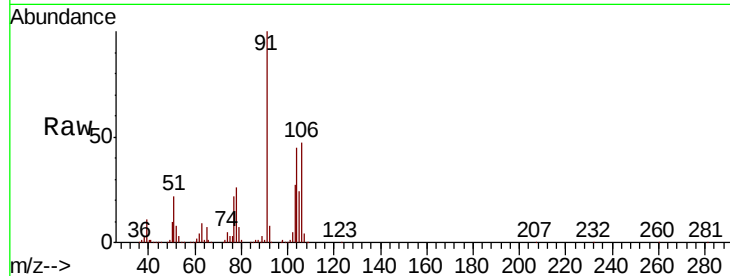
#69
o-Xylene
Concen: 54.500 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.3	105.5	316.5	

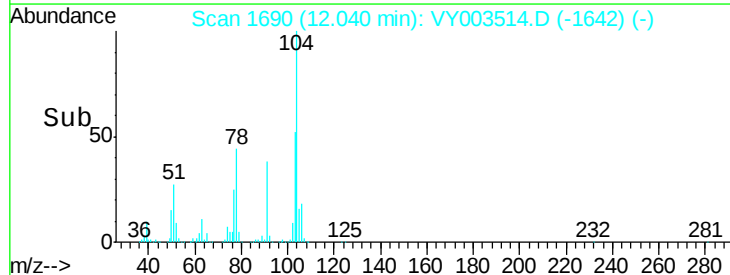
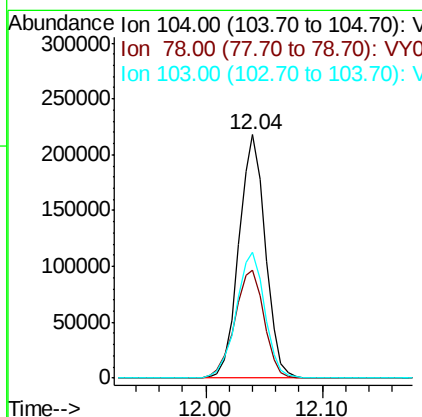
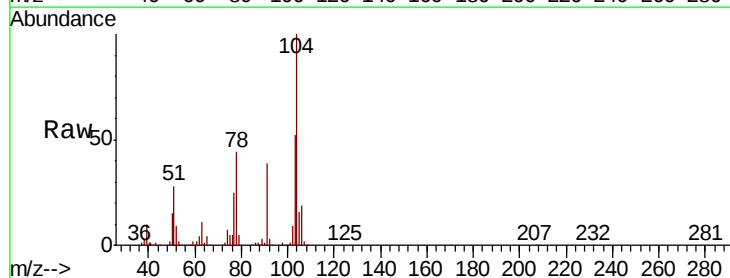
Manual Integrations
APPROVED

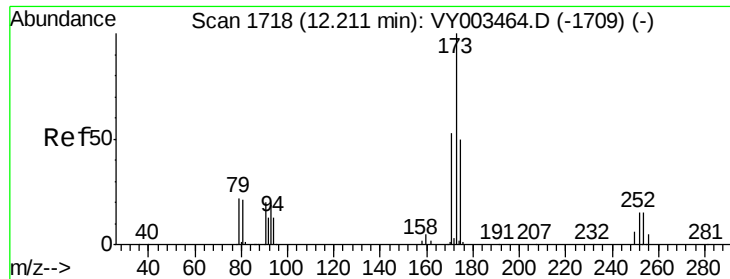
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#70
Styrene
Concen: 55.829 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	39.5	59.3	
103	55.7	44.2	66.2	





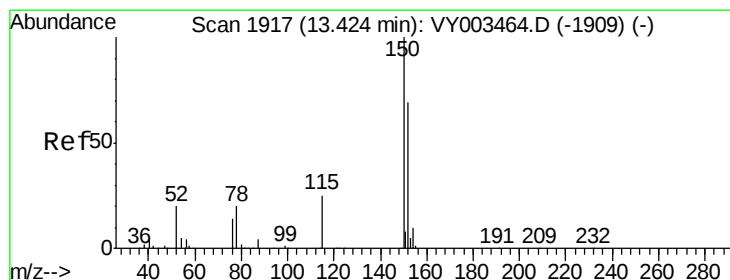
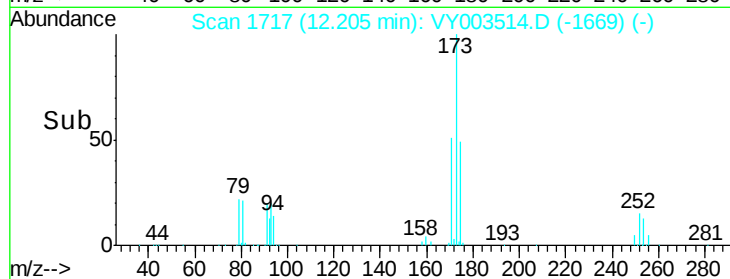
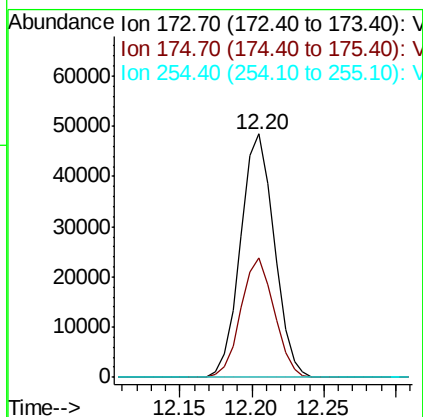
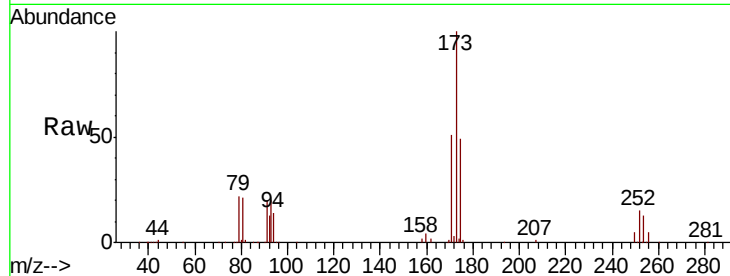
#71
Bromoform
Concen: 54.447 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

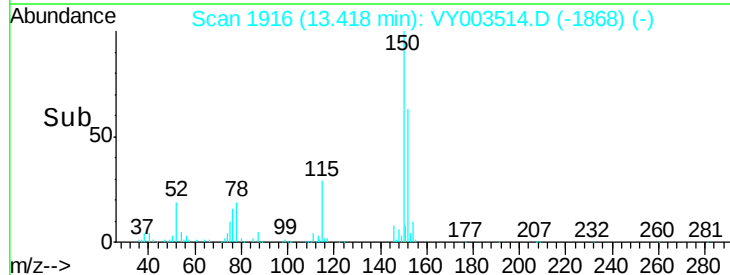
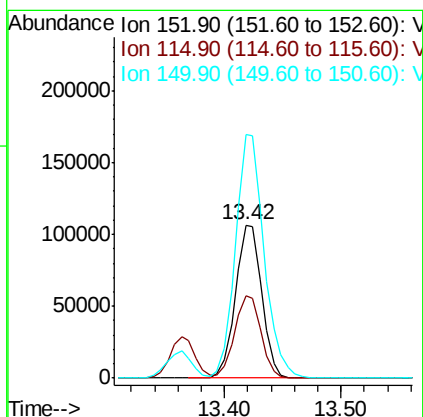
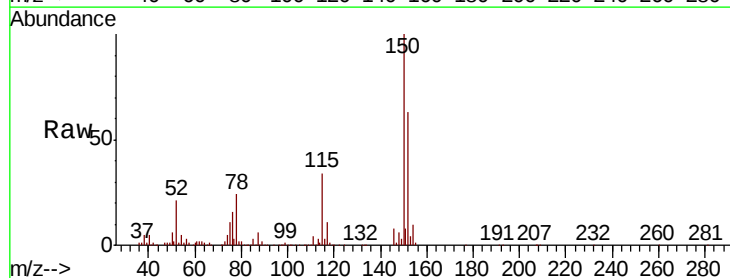
Manual Integrations
APPROVED

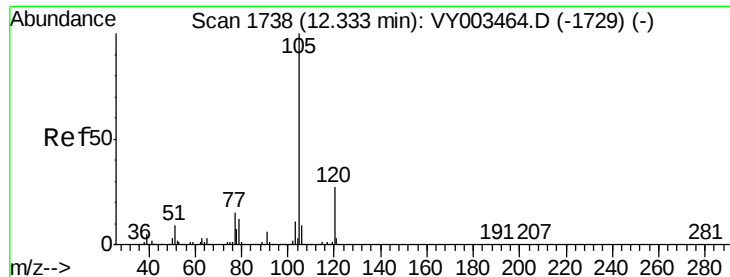
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.5	82.4
150	172.6	0.0	345.8





#73

Isopropylbenzene

Concen: 50.259 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 551436

Ion Ratio Lower Upper

105 100

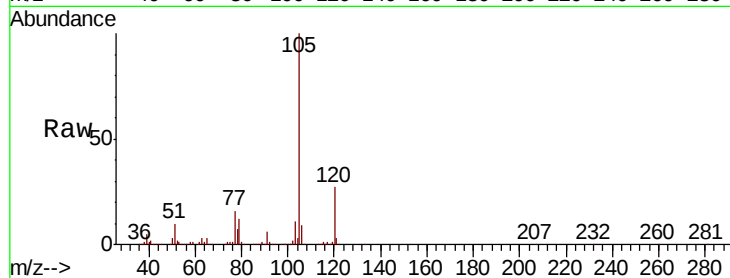
120 27.0 13.5 40.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

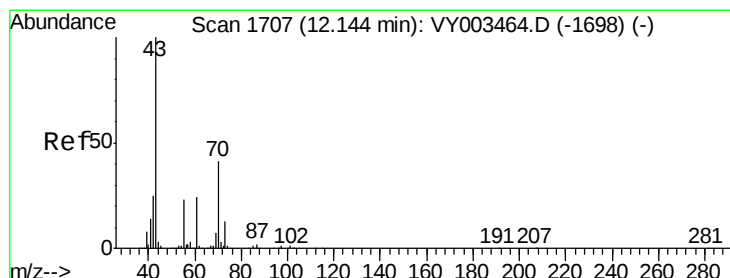
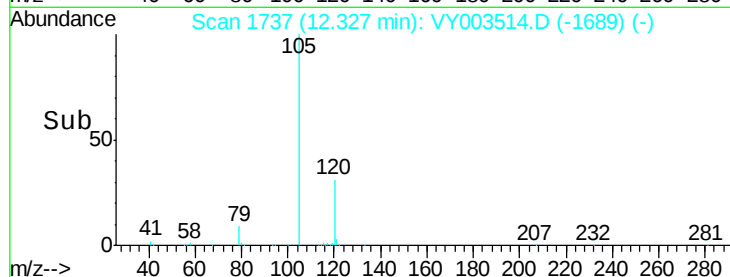
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.097 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion: 43 Resp: 161912

Ion Ratio Lower Upper

43 100

70 40.8 33.1 49.7

55 24.6 19.2 28.8

61 23.9 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

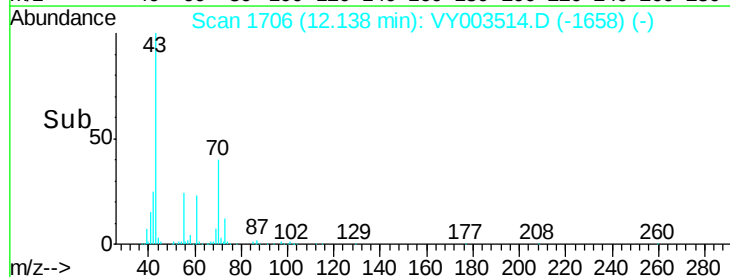
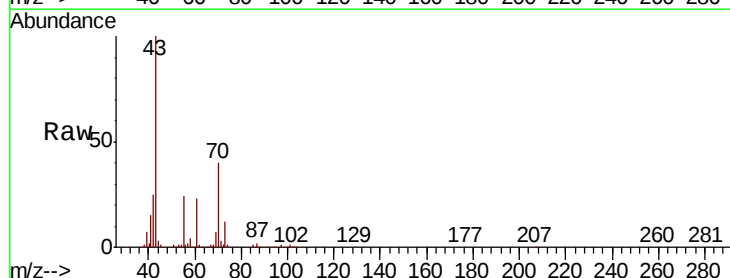
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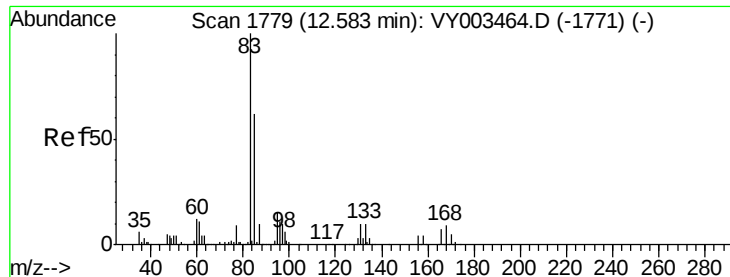
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.108 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 115088

Ion Ratio Lower Upper

83 100

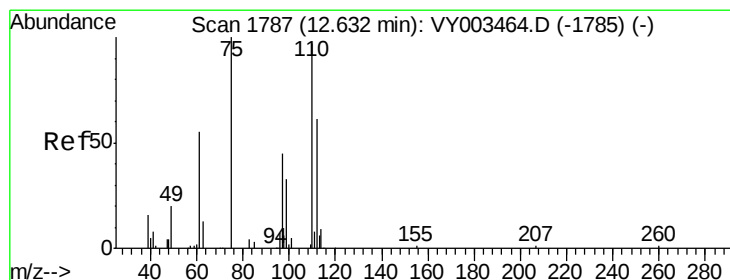
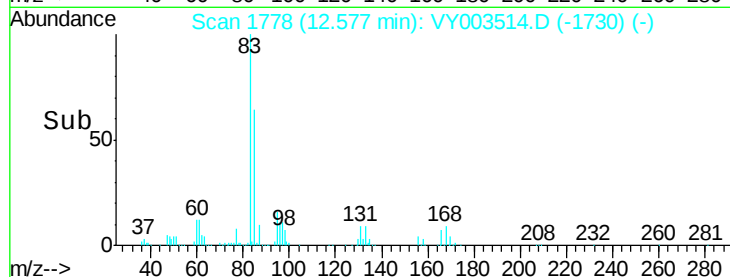
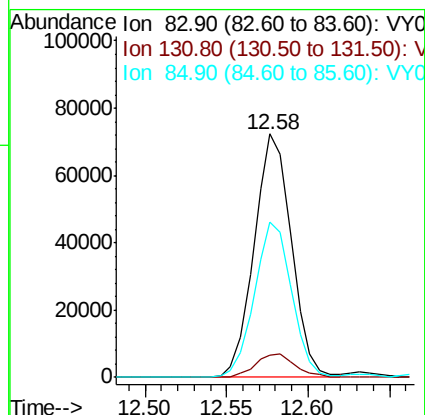
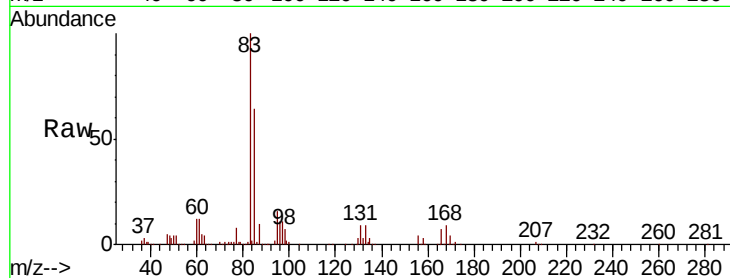
131 10.4 5.4 16.2

85 63.7 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.858 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003514.D

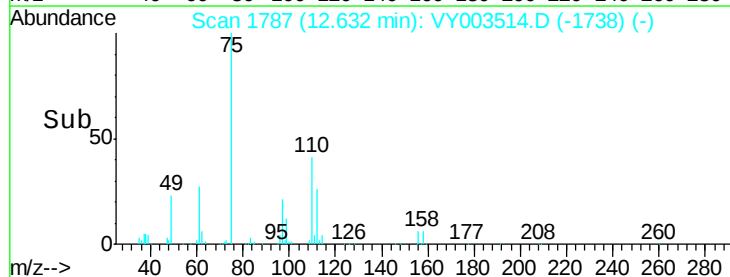
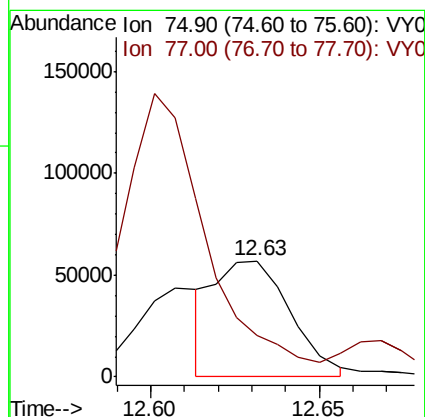
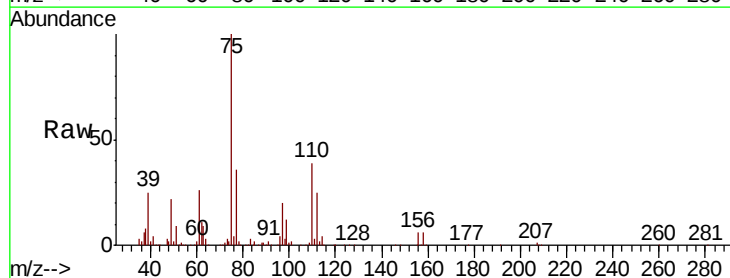
Acq: 04 Nov 2020 17:47

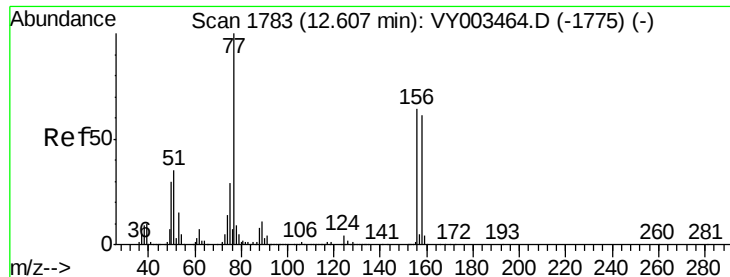
Tgt Ion: 75 Resp: 88606

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.566 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

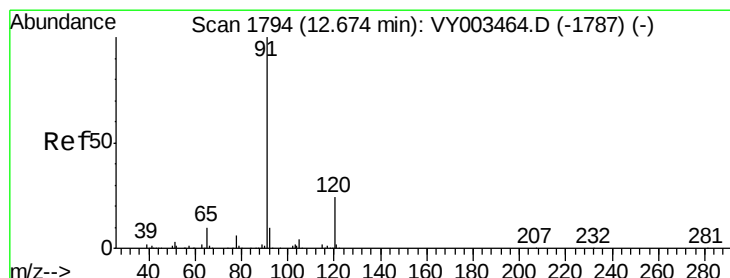
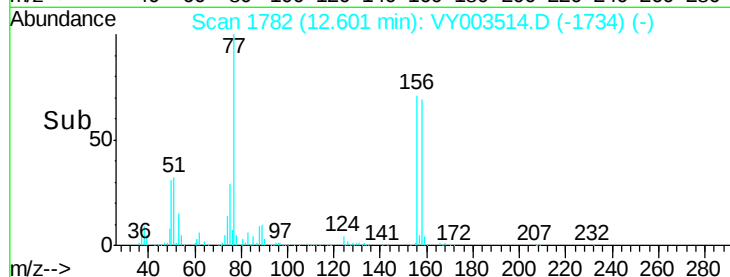
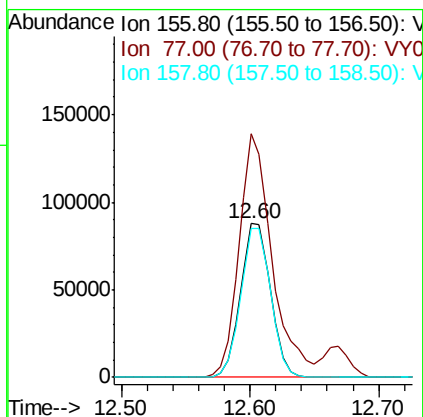
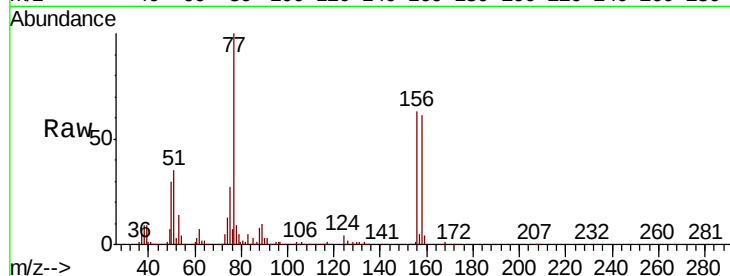
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	140962
Ion Ratio	Lower	Upper	
156	100		
77	174.6	87.0	260.9
158	97.2	48.7	146.1

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#78

n-propylbenzene

Concen: 51.049 ug/l

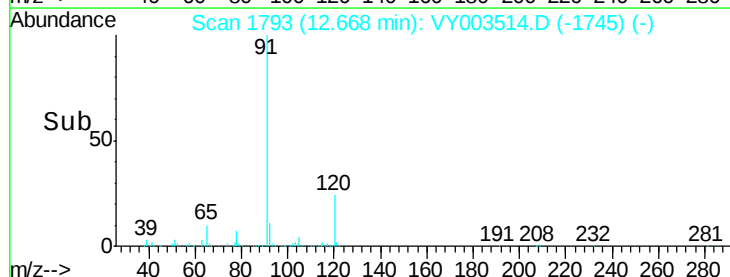
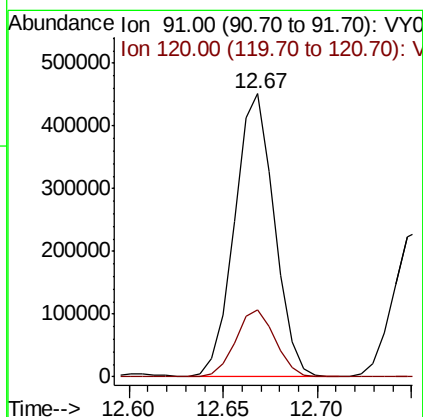
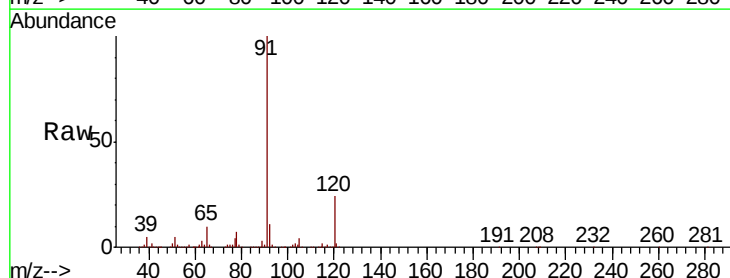
RT: 12.67 min Scan# 1793

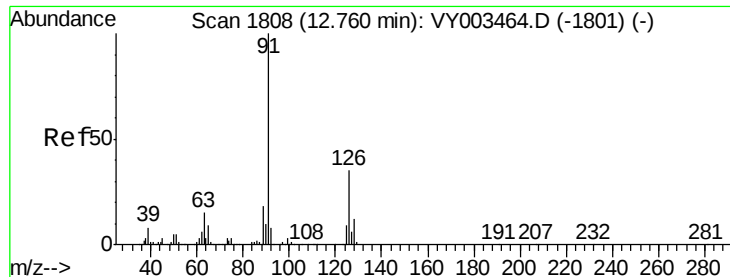
Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion:	91	Resp:	659741
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





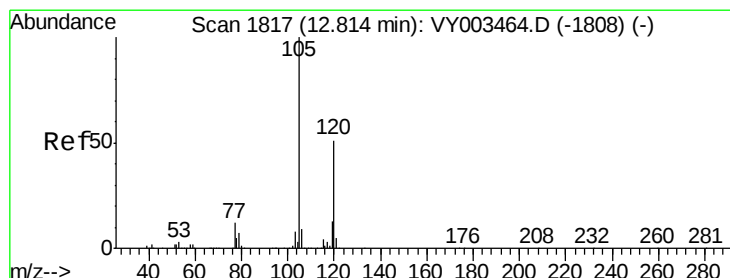
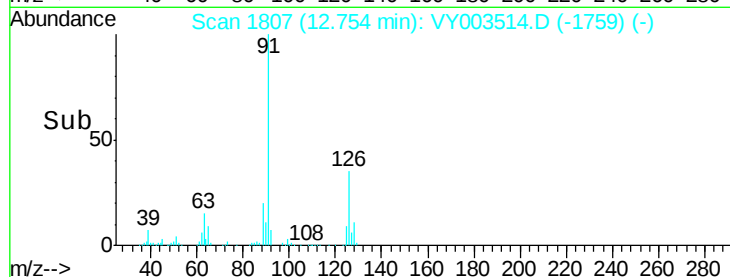
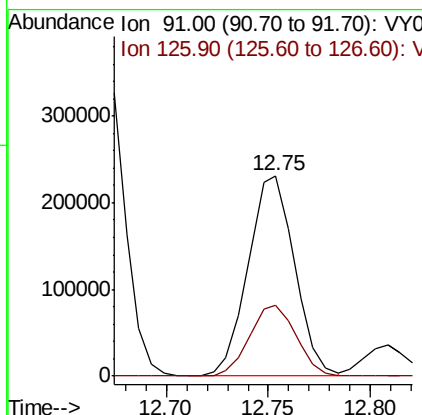
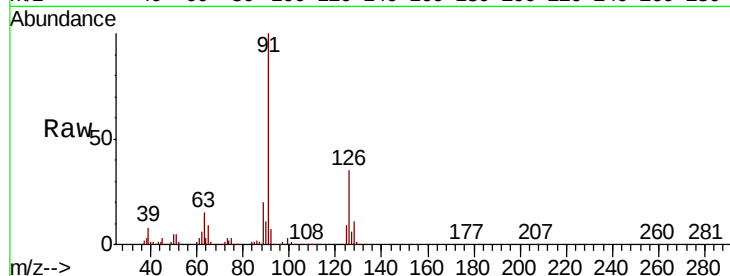
#79
 2-Chlorotoluene
 Concen: 50.742 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.8	53.3

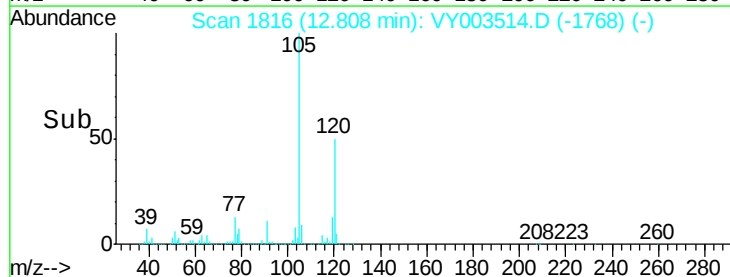
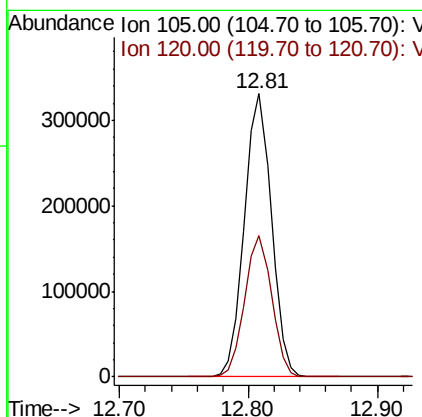
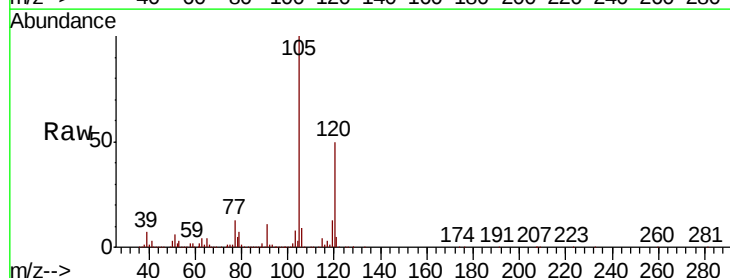
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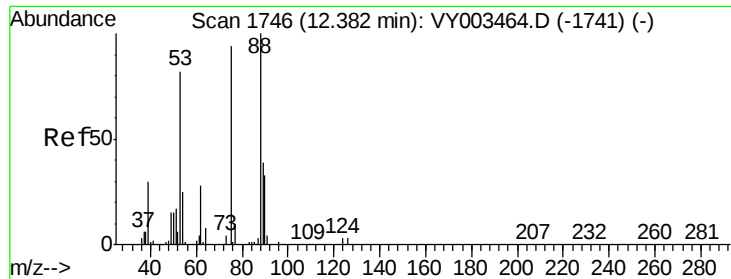
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 11/5/2020 7:01:46 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.666 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.3	75.9





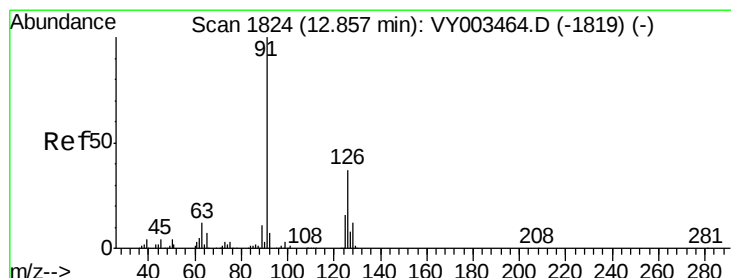
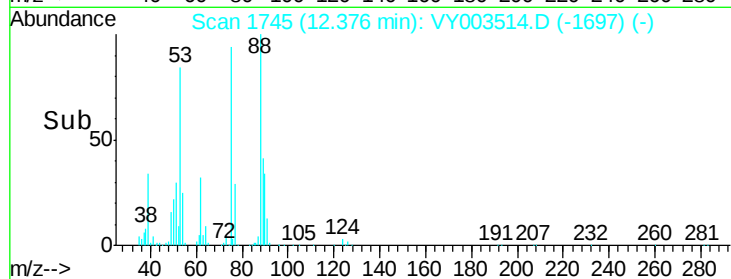
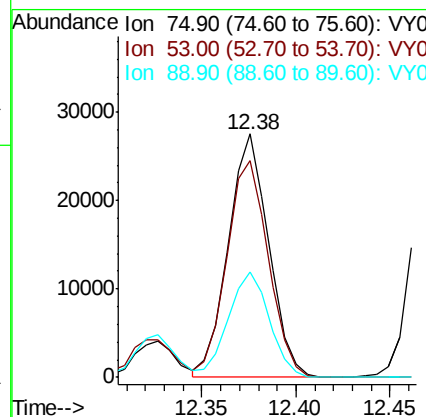
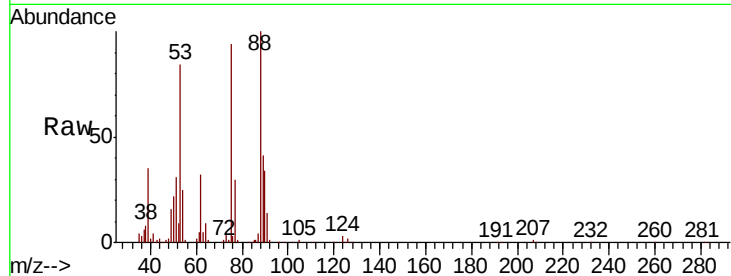
#81
trans-1,4-Dichloro-2-butene
Concen: 47.686 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.7	112.1
89	44.3	35.8	53.8

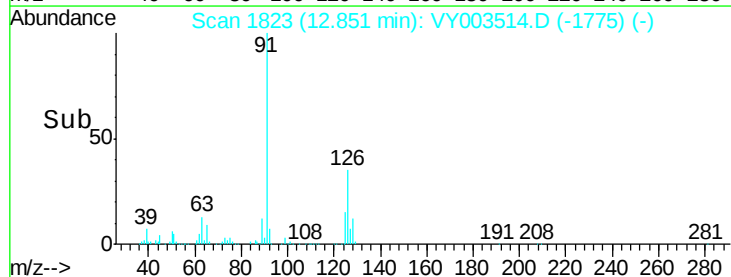
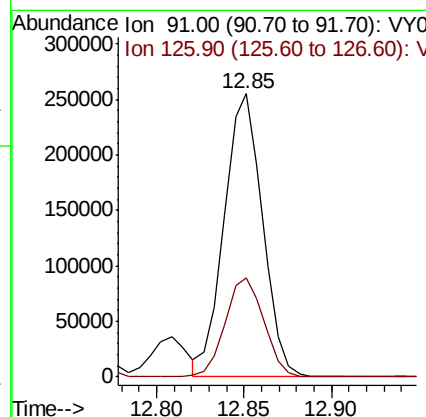
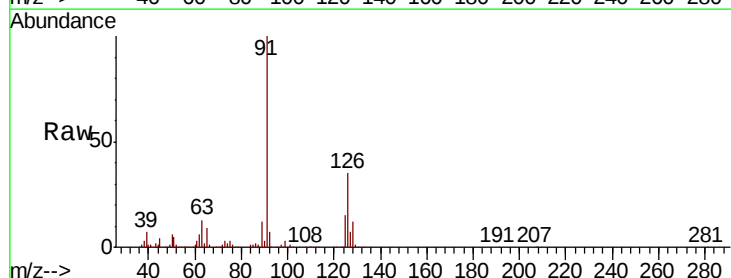
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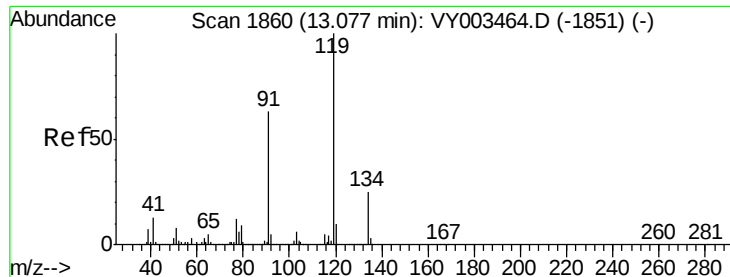
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#82
4-Chlorotoluene
Concen: 51.459 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8





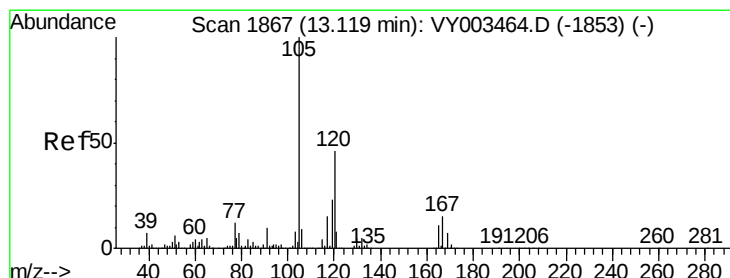
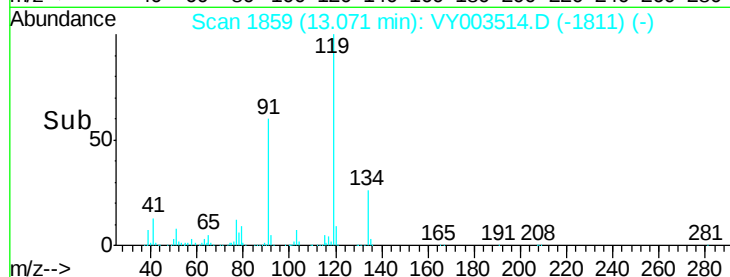
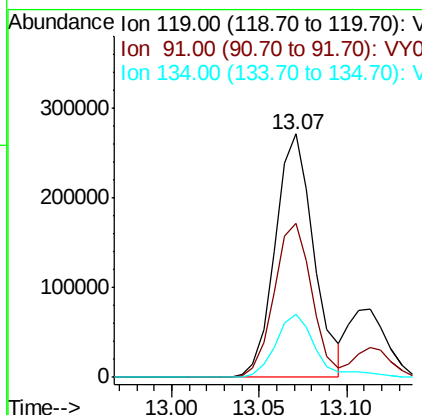
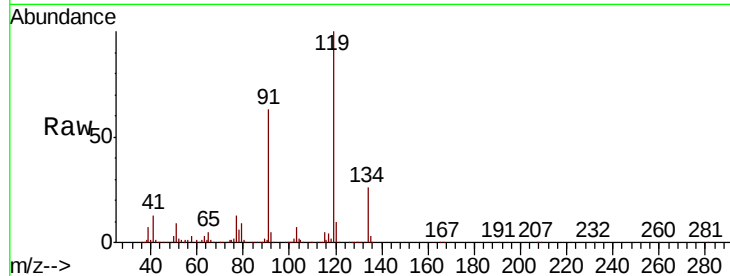
#83
tert-Butylbenzene
Concen: 51.690 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	31.1	93.2
134	27.1	13.4	40.1

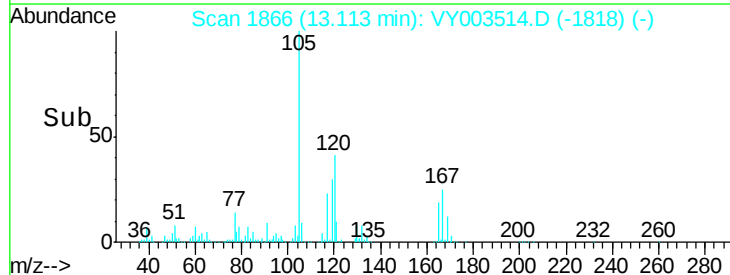
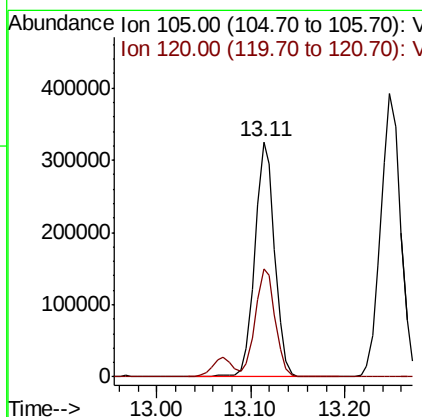
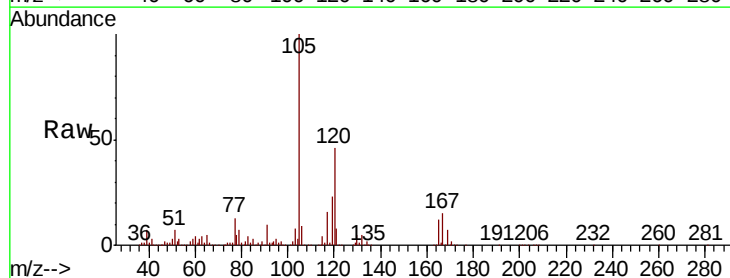
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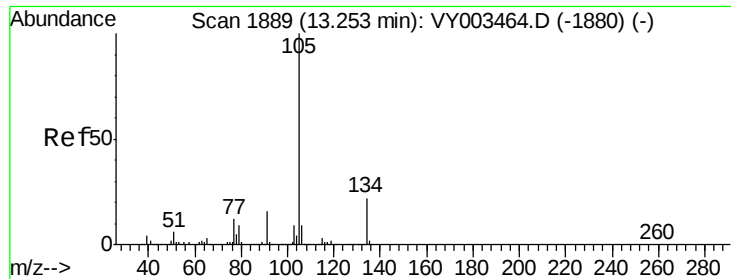
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#84
1,2,4-Trimethylbenzene
Concen: 53.166 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8





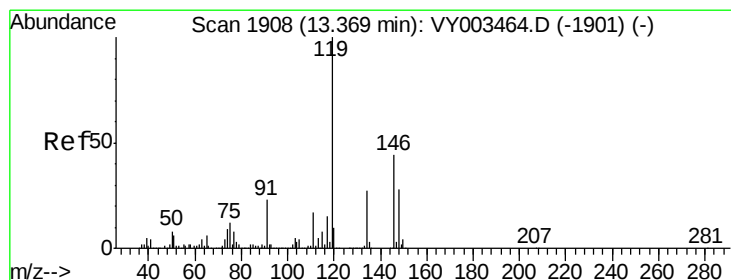
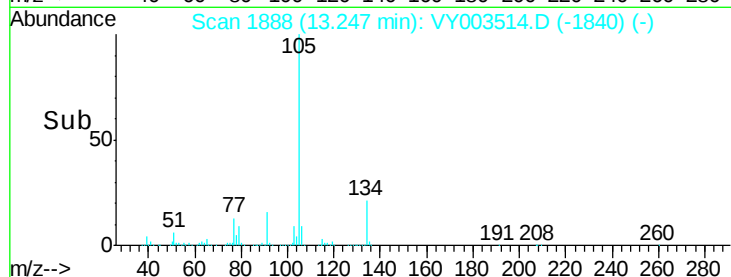
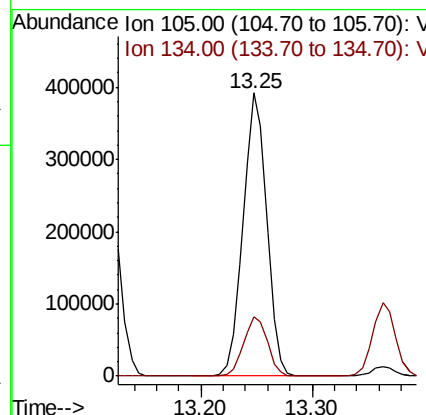
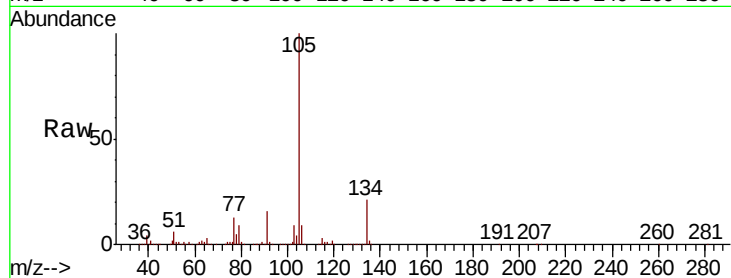
#85
 sec-Butylbenzene
 Concen: 52.486 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

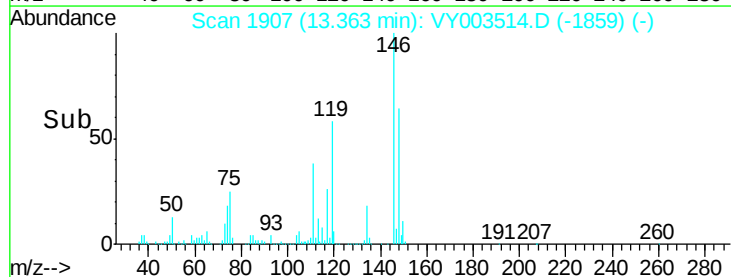
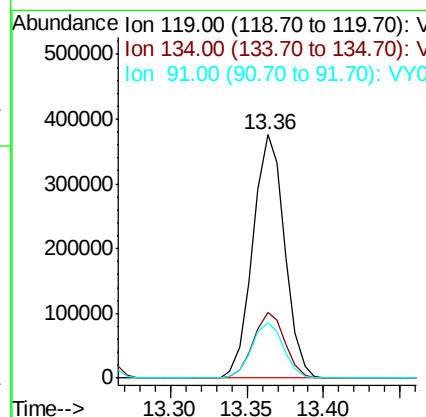
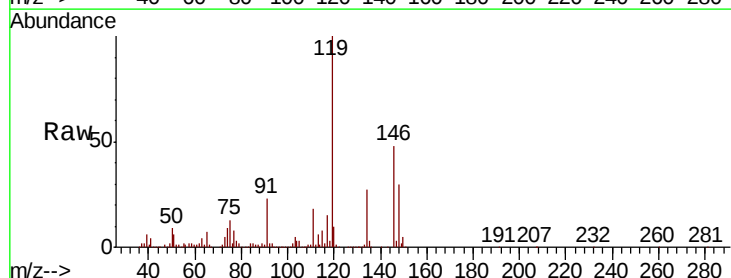
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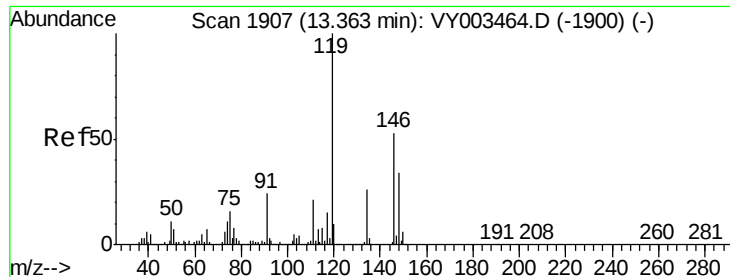
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#86
 p-Isopropyltoluene
 Concen: 53.584 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.8	11.4	34.2





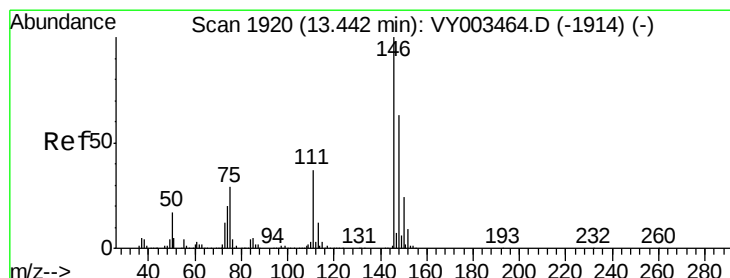
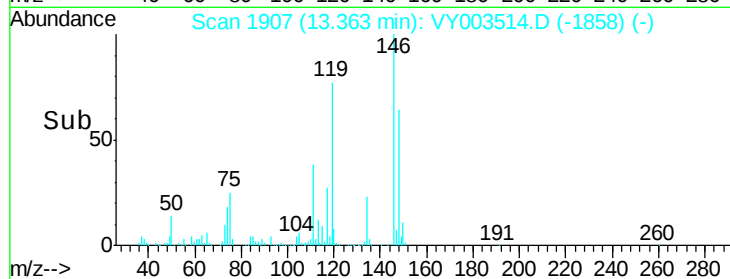
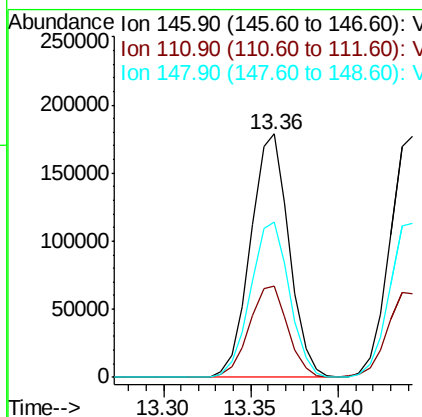
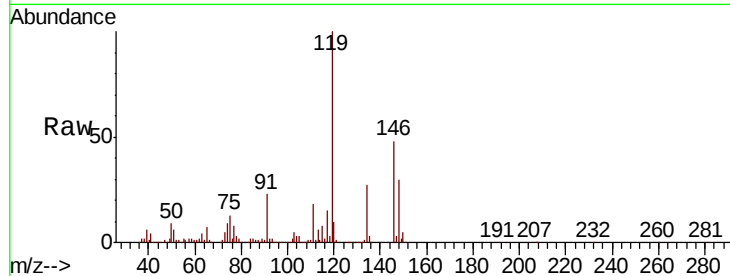
#87
 1,3-Dichlorobenzene
 Concen: 52.935 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.5	32.4	97.0

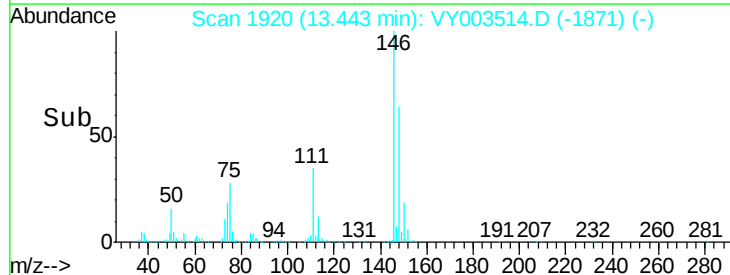
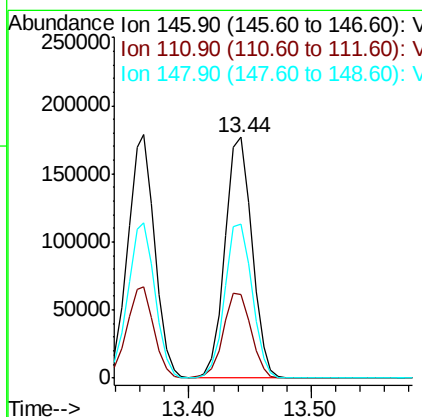
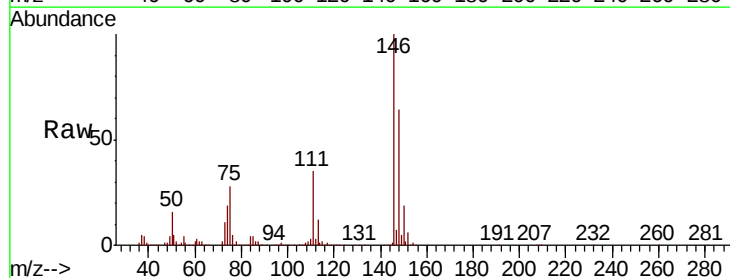
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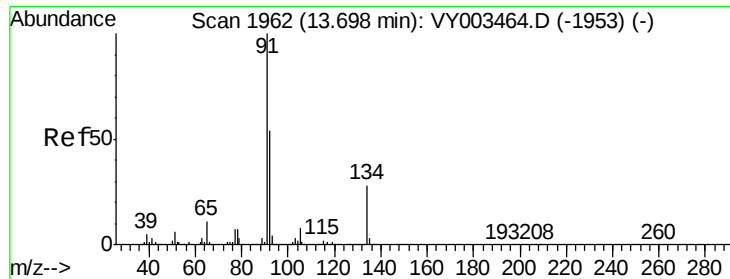
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#88
 1,4-Dichlorobenzene
 Concen: 52.176 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	65.0	32.0	96.0





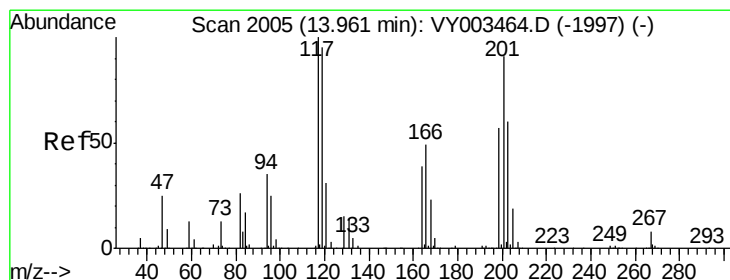
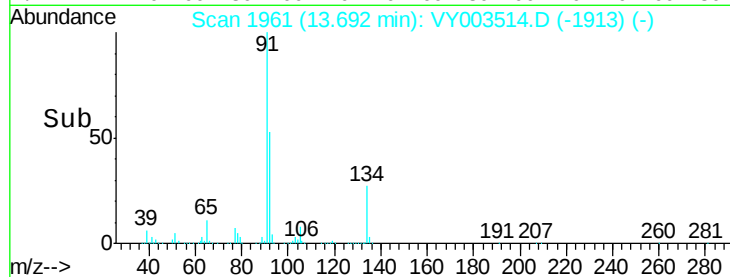
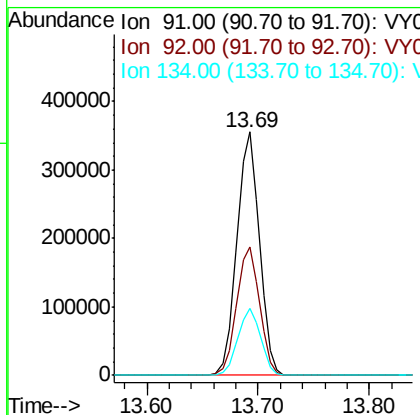
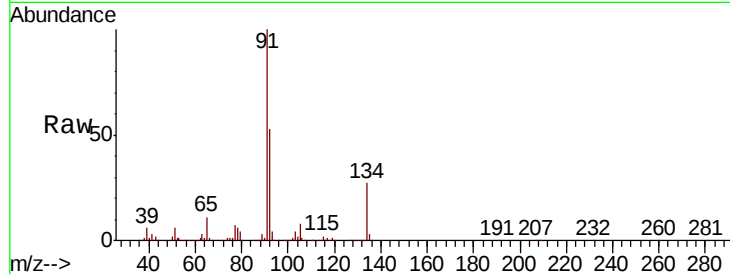
#89
n-Butylbenzene
Concen: 53.859 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	91	100	498057		
92	92	53.4		26.7	80.1
134	134	27.6		13.8	41.3

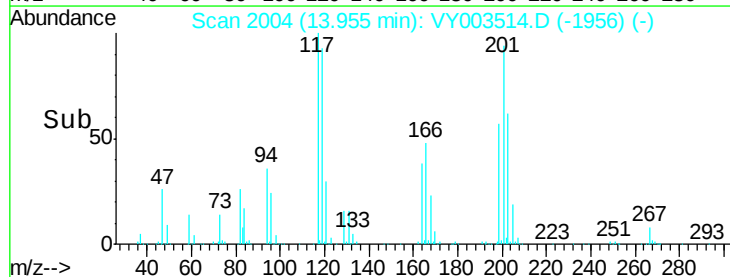
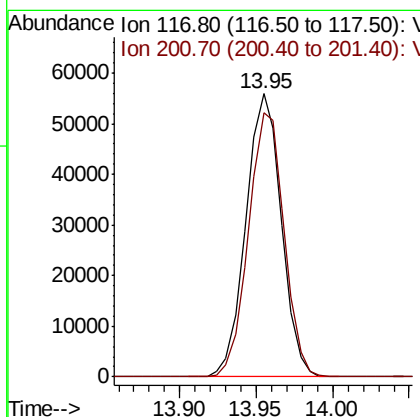
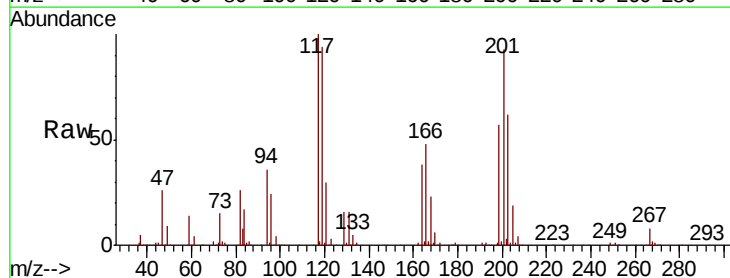
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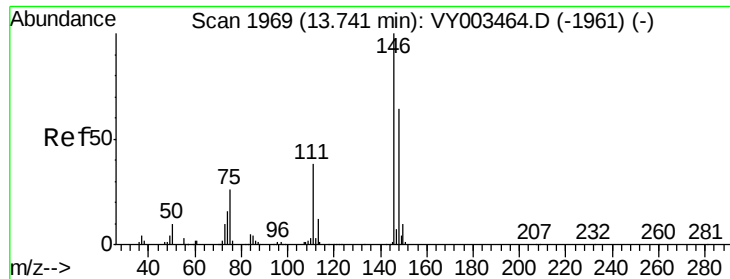
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#90
Hexachloroethane
Concen: 52.778 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	89930		
201	201	93.8		46.6	139.8





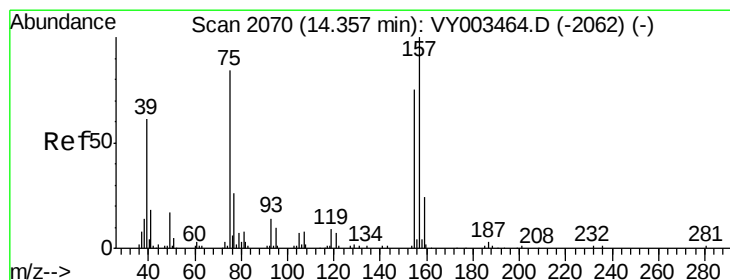
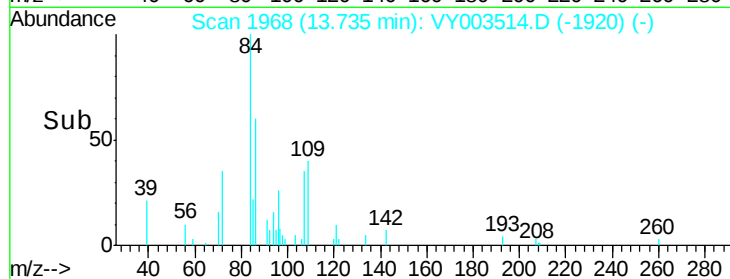
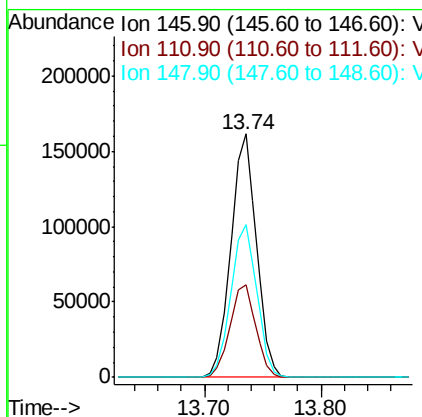
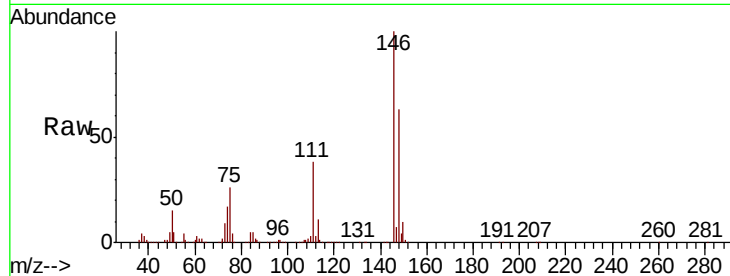
#91
 1,2-Dichlorobenzene
 Concen: 53.432 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.3	96.8

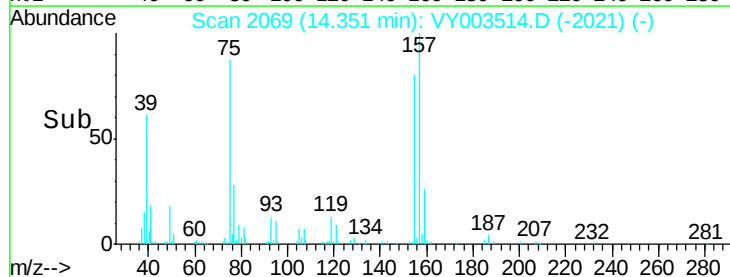
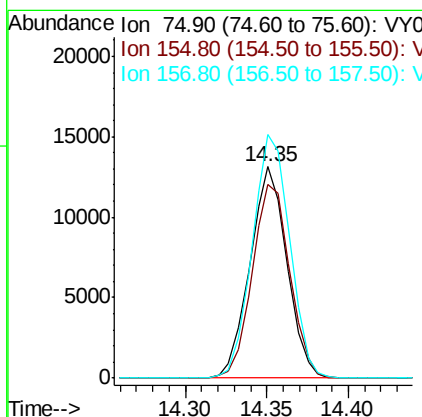
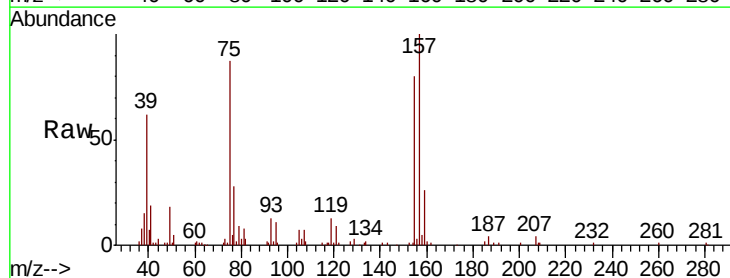
Manual Integrations
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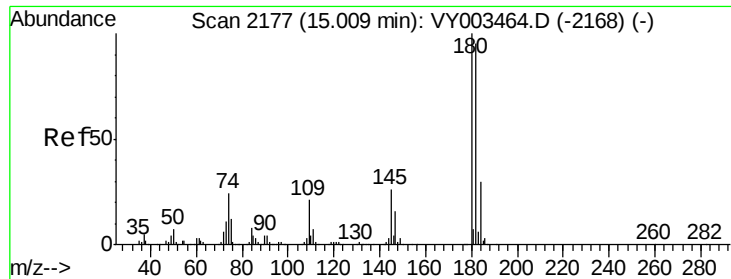
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.583 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.6	136.7
157	117.2	60.3	180.8





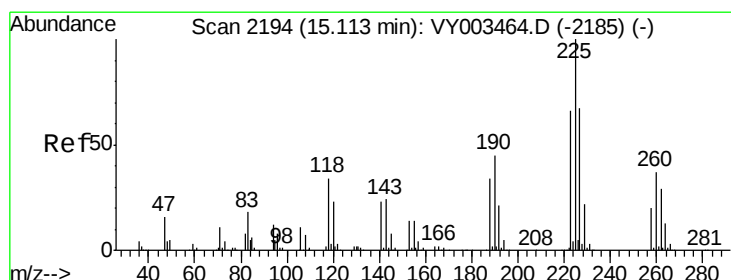
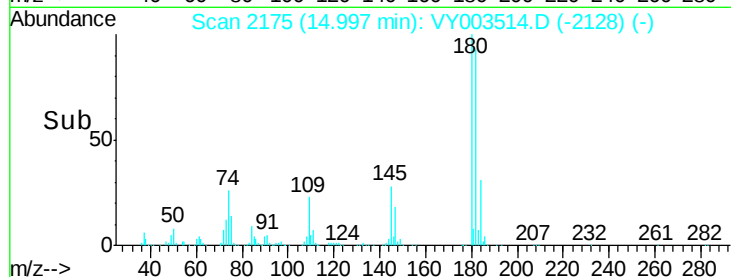
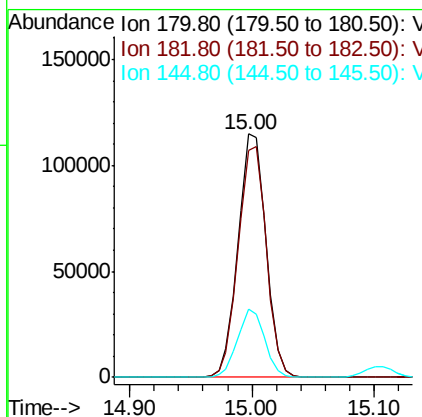
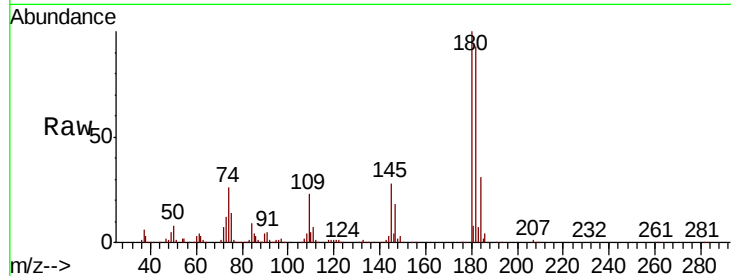
#93
 1,2,4-Trichlorobenzene
 Concen: 55.332 ug/l
 RT: 15.00 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180555		
182	96.0		48.1	144.3
145	27.4		13.8	41.3

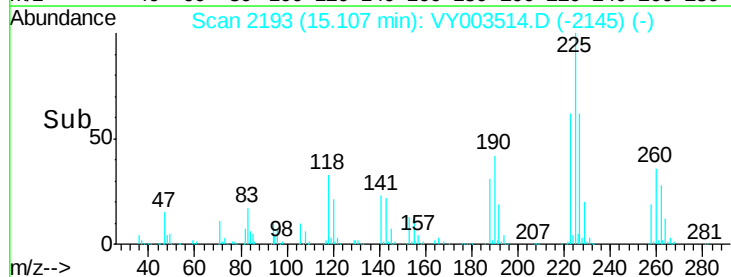
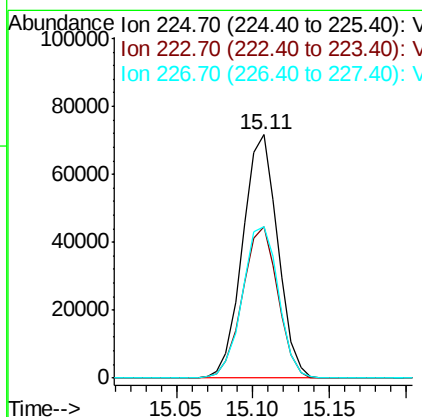
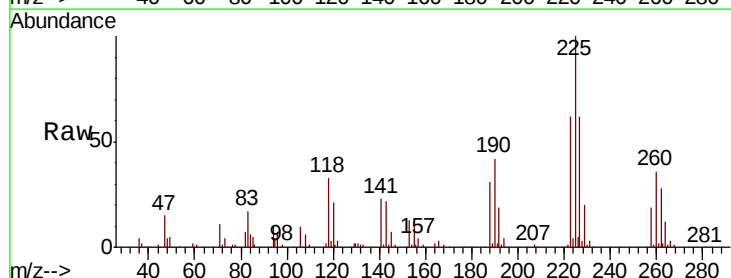
Manual Integrations
 APPROVED

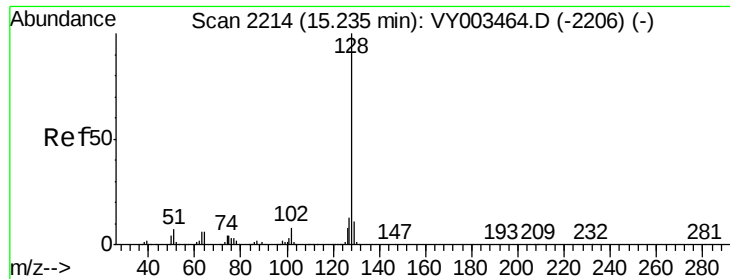
MMDadoda
 11/5/2020 7:01:46 PM



#94
 Hexachlorobutadiene
 Concen: 54.345 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114079		
223	62.5		32.1	96.3
227	64.4		32.4	97.2





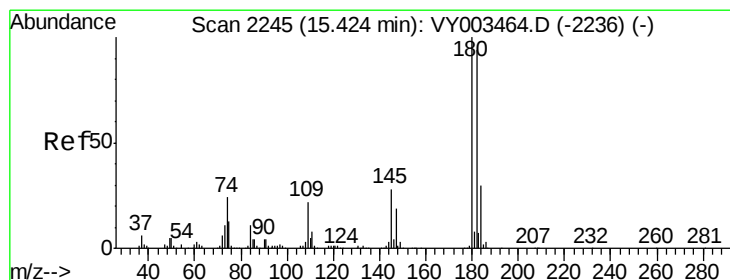
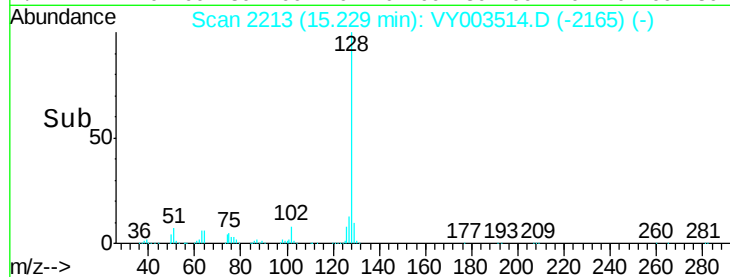
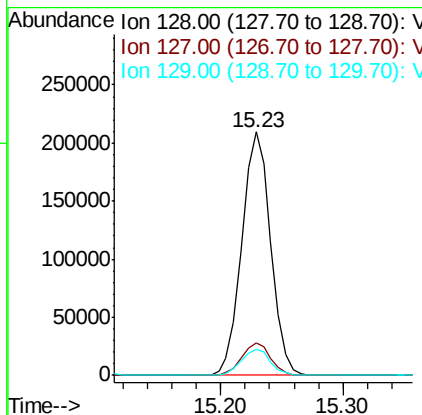
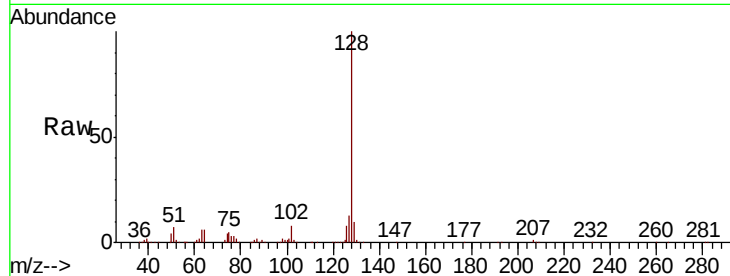
#95
Naphthalene
Concen: 52.246 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:01:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.021 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.7
145	28.8	14.4	43.2

