

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003523.D
 Acq On : 12 Nov 2020 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:13:28 PM

Quant Time: Nov 13 02:08:16 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	7.79	168	231775	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	319084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158565	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	111491	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	7.72	113	99117	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	10.18	98	402742	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	137577	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	89008	48.537	ug/l	99
3) Chloromethane	2.12	50	120615	49.961	ug/l	98
4) Vinyl Chloride	2.26	62	136437	50.347	ug/l	98
5) Bromomethane	2.65	94	91694	40.498	ug/l	99
6) Chloroethane	2.80	64	80508	49.844	ug/l	100
7) Trichlorofluoromethane	3.13	101	168654	49.031	ug/l	94
8) Diethyl Ether	3.53	74	51247	48.583	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95937	50.462	ug/l	99
10) Methyl Iodide	4.09	142	102367	52.233	ug/l	99
11) Tert butyl alcohol	4.96	59	55490	233.696	ug/l	98
12) 1,1-Dichloroethene	3.88	96	92140	48.711	ug/l	99
13) Acrolein	3.74	56	44896	227.676	ug/l	99
14) Allyl chloride	4.49	41	168003	48.682	ug/l	100
15) Acrylonitrile	5.18	53	126342	224.385	ug/l	99
16) Acetone	3.95	43	232531	296.655	ug/l	96
17) Carbon Disulfide	4.20	76	278396	45.431	ug/l	100
18) Methyl Acetate	4.48	43	70127	47.342	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	228259	48.721	ug/l	96
20) Methylene Chloride	4.72	84	100600	45.572	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	107771	49.204	ug/l	98
22) Diisopropyl ether	6.12	45	302524	49.980	ug/l	99
23) Vinyl Acetate	6.07	43	1088108	239.220	ug/l	100
24) 1,1-Dichloroethane	6.02	63	189811	49.348	ug/l	99
25) 2-Butanone	6.99	43	263094	268.365	ug/l	99
26) 2,2-Dichloropropane	6.99	77	180462	50.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	118336	49.860	ug/l	99
28) Bromochloromethane	7.34	49	91646	47.362	ug/l	99
29) Tetrahydrofuran	7.35	42	114055	222.646	ug/l	100
30) Chloroform	7.51	83	189847	50.252	ug/l	97
31) Cyclohexane	7.78	56	162892	45.738	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	177991	50.502	ug/l	99
36) 1,1-Dichloropropene	7.92	75	154524	51.363	ug/l	100
37) Ethyl Acetate	7.08	43	85177	45.595	ug/l	100
38) Carbon Tetrachloride	7.90	117	163864	52.503	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	171187	51.103	ug/l	99
40) Benzene	8.16	78	424366	50.687	ug/l	99
41) Methacrylonitrile	7.33	41	49387m	49.506	ug/l	
42) 1,2-Dichloroethane	8.24	62	130299	49.669	ug/l	100
43) Isopropyl Acetate	8.27	43	158701	47.270	ug/l	99
44) Trichloroethene	8.94	130	123351	52.482	ug/l	99
45) 1,2-Dichloropropane	9.22	63	107807	50.990	ug/l	99
46) Dibromomethane	9.30	93	57964	49.831	ug/l	99
47) Bromodichloromethane	9.50	83	148352	52.108	ug/l	99
48) Methyl methacrylate	9.29	41	76893	48.620	ug/l	98
49) 1,4-Dioxane	9.30	88	13884	956.603	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	429212	239.945	ug/l	99
52) Toluene	10.24	92	271824	51.909	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	155377	51.283	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	175779	51.557	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	82983	50.256	ug/l	97
56) Ethyl methacrylate	10.51	69	112574	50.899	ug/l	99
57) 1,3-Dichloropropane	10.79	76	146008	50.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	278411	248.315	ug/l	99
59) 2-Hexanone	10.83	43	359450	271.399	ug/l	100
60) Dibromochloromethane	10.98	129	105931	52.197	ug/l	100
61) 1,2-Dibromoethane	11.09	107	79703	49.998	ug/l	99
64) Tetrachloroethene	10.72	164	115350	53.344	ug/l	97
65) Chlorobenzene	11.52	112	292997	52.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	112271	52.922	ug/l	99
67) Ethyl Benzene	11.59	91	537001	52.646	ug/l	100
68) m/p-Xylenes	11.70	106	411076	106.348	ug/l	100
69) o-Xylene	12.03	106	190404	53.549	ug/l	99
70) Styrene	12.04	104	325691	53.947	ug/l	100
71) Bromoform	12.20	173	72514	51.282	ug/l #	99
73) Isopropylbenzene	12.33	105	536472	51.793	ug/l	100
74) N-amyl acetate	12.14	43	141331	48.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	102417	46.291	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	82222m	49.008	ug/l	
77) Bromobenzene	12.61	156	132515	50.353	ug/l	98
78) n-propylbenzene	12.67	91	630763	51.699	ug/l	100
79) 2-Chlorotoluene	12.75	91	349993	51.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	457897	53.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37442	46.579	ug/l	99
82) 4-Chlorotoluene	12.85	91	366393	51.436	ug/l	99
83) tert-Butylbenzene	13.07	119	394560	51.838	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	458251	53.426	ug/l	99
85) sec-Butylbenzene	13.25	105	552671	53.626	ug/l	100
86) p-Isopropyltoluene	13.36	119	518467	54.245	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	261279	53.295	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	257298	52.780	ug/l	99
89) n-Butylbenzene	13.69	91	478821	54.848	ug/l	100
90) Hexachloroethane	13.95	117	85252	52.998	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	228533	52.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18380	45.892	ug/l	98

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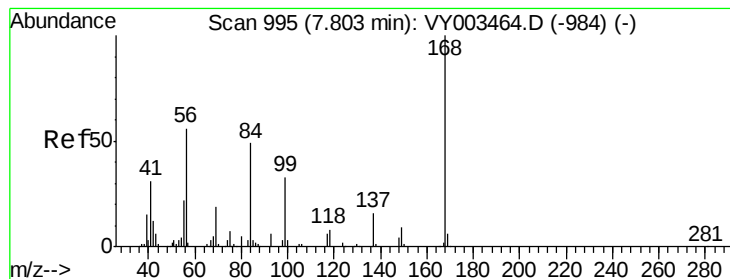
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	170600	55.380	ug/l	99
94) Hexachlorobutadiene	15.11	225	112554	56.797	ug/l	97
95) Naphthalene	15.23	128	312655	50.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148790	53.694	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 231775

Ion Ratio Lower Upper

168 100

99 49.8

39.7

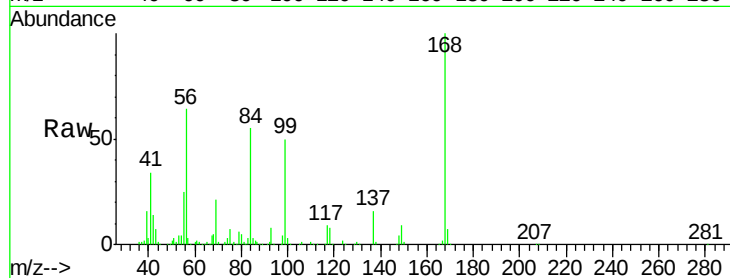
59.5

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Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

120000

100000

80000

60000

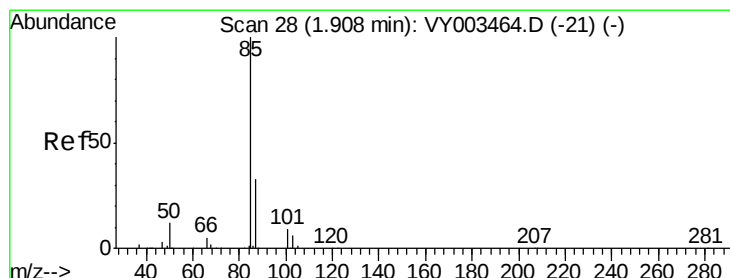
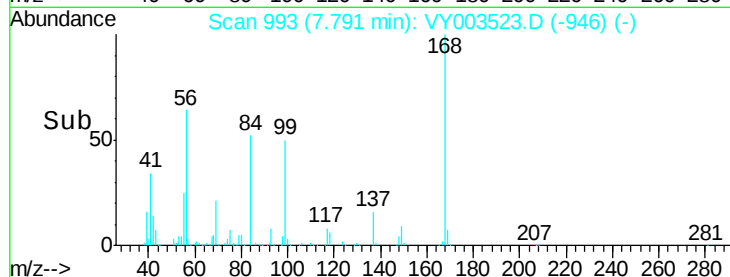
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.537 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion: 85 Resp: 89008

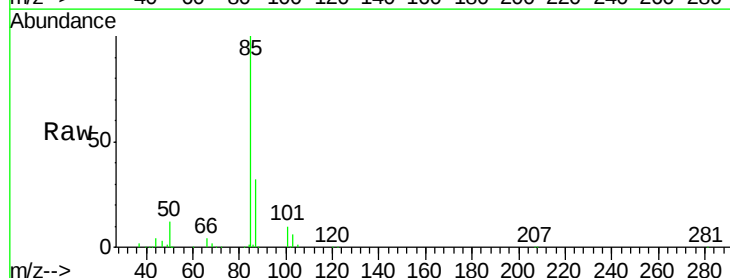
Ion Ratio Lower Upper

85 100

87 32.2

16.4

49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

60000

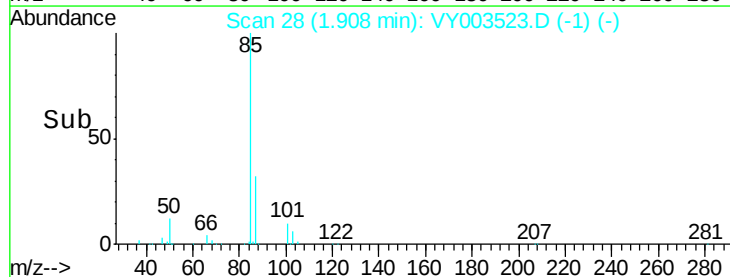
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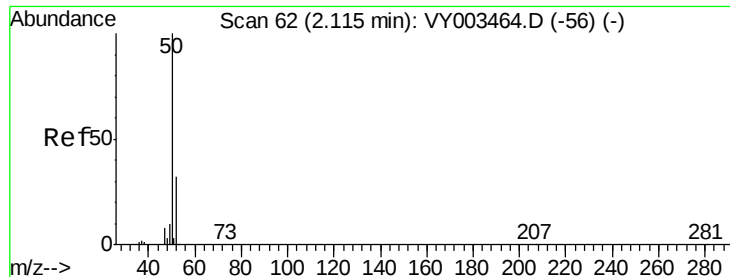
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.961 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 120615

Ion Ratio Lower Upper

50 100

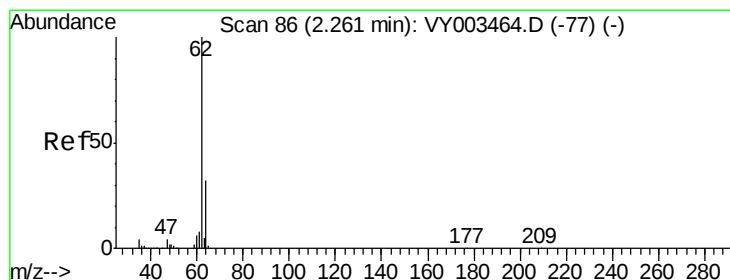
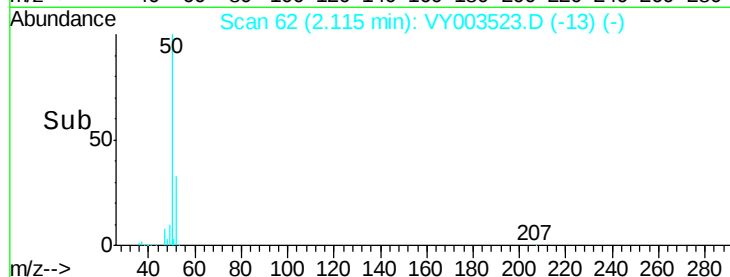
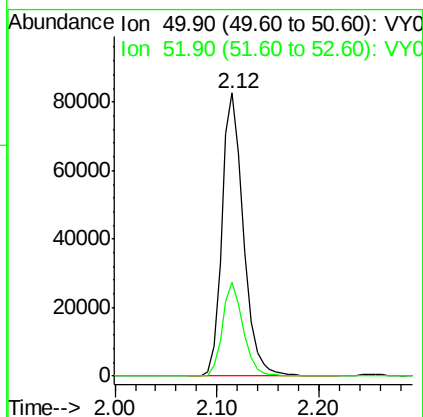
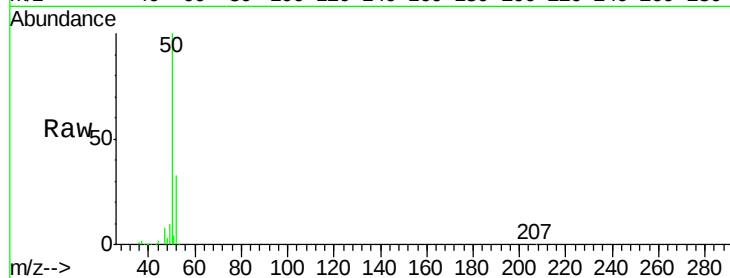
52 33.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.347 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003523.D

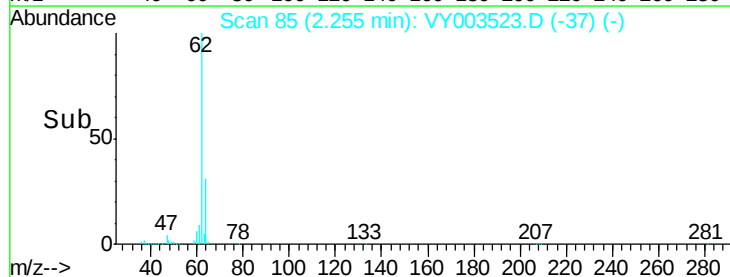
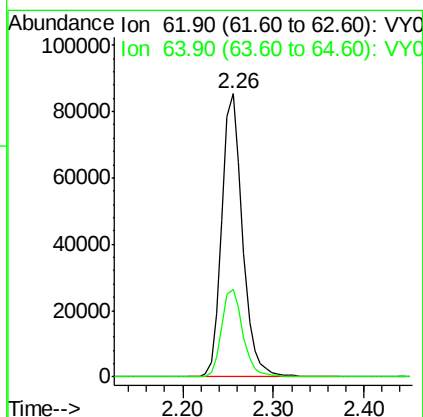
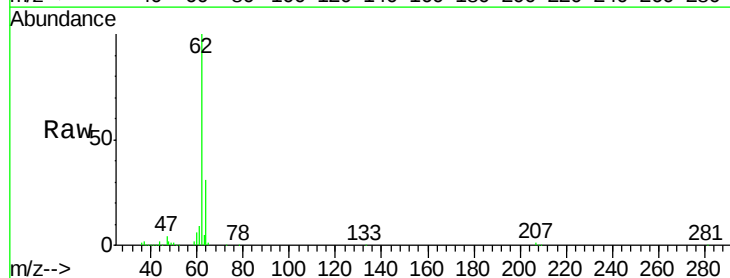
Acq: 12 Nov 2020 09:54

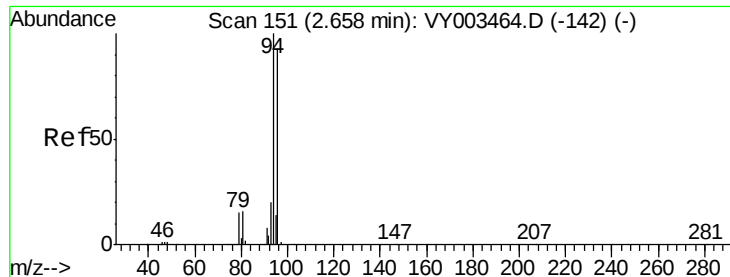
Tgt Ion: 62 Resp: 136437

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 40.498 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91694

Ion Ratio Lower Upper

94 100

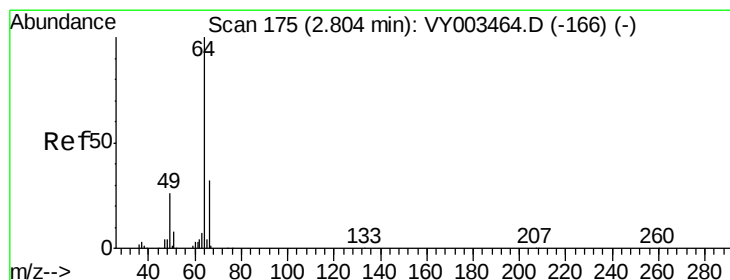
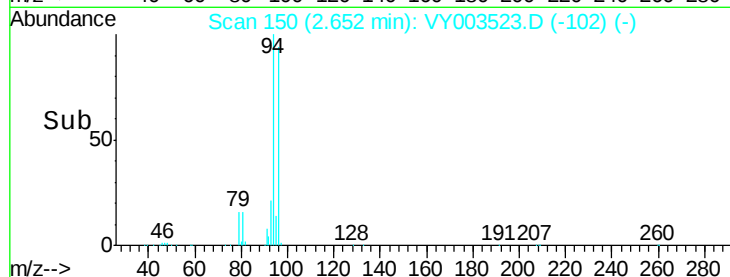
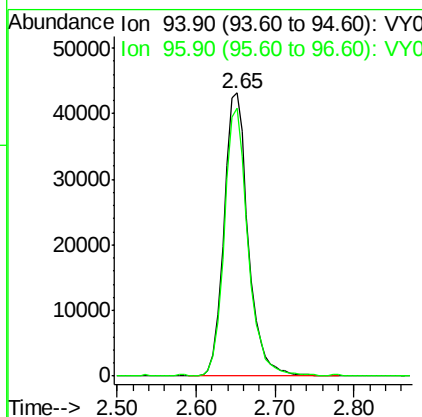
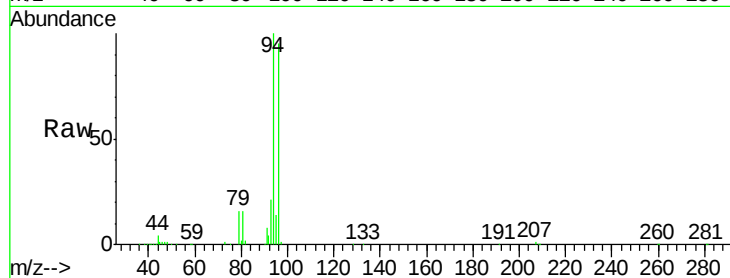
96 94.3 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 49.844 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003523.D

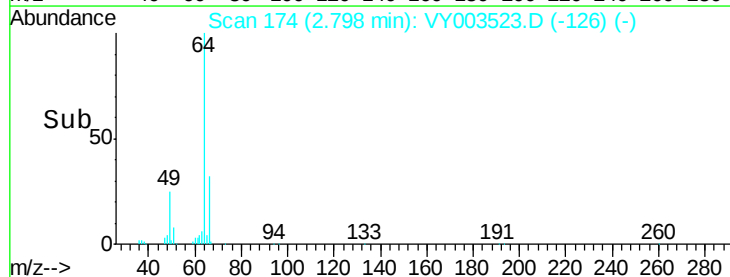
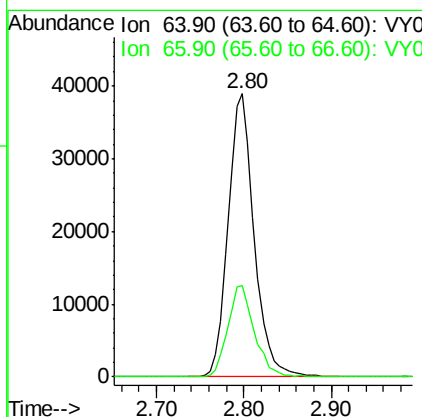
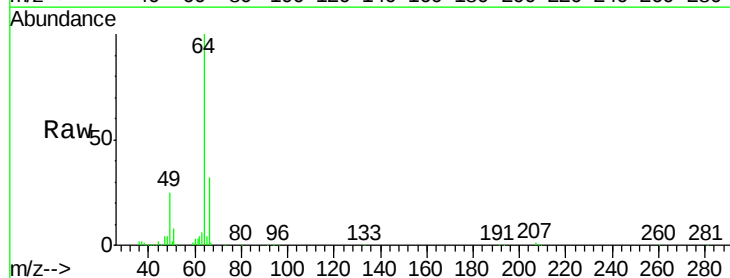
Acq: 12 Nov 2020 09:54

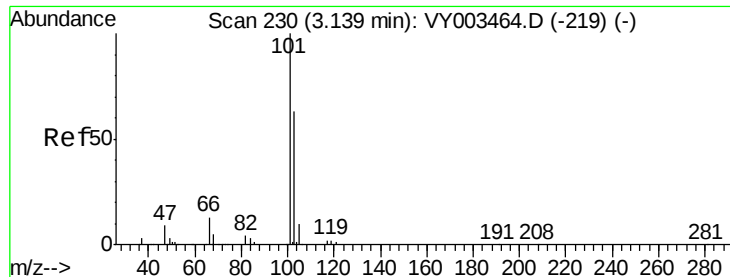
Tgt Ion: 64 Resp: 80508

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





#7

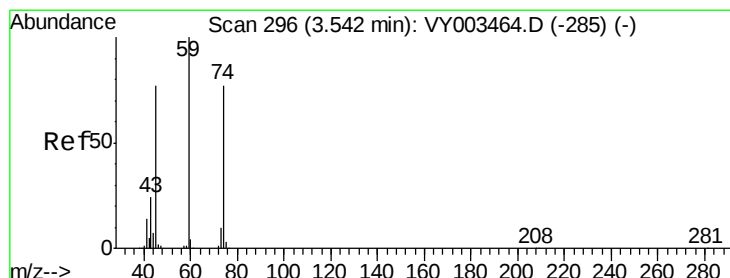
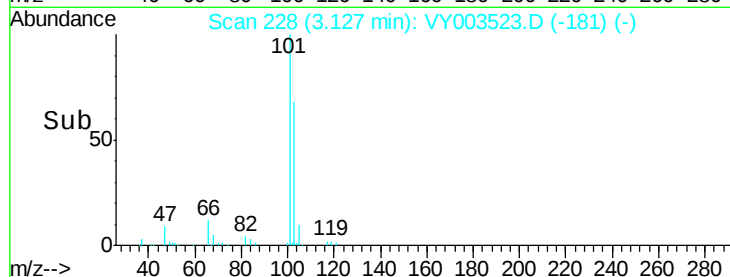
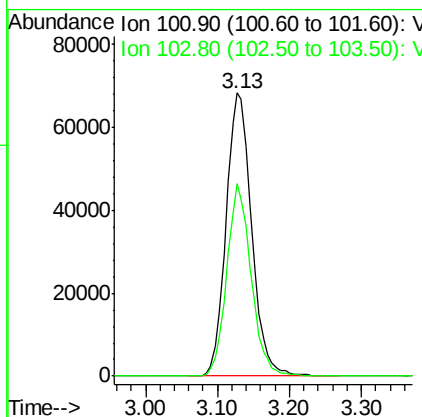
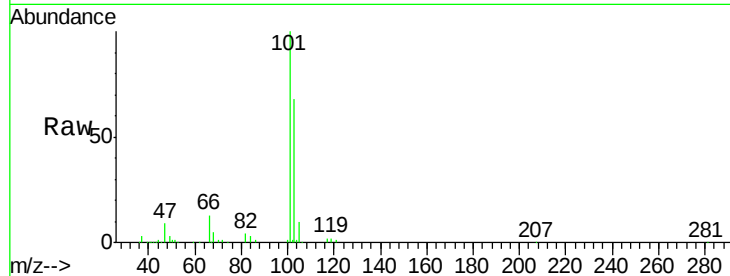
Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.2	50.7	76.1

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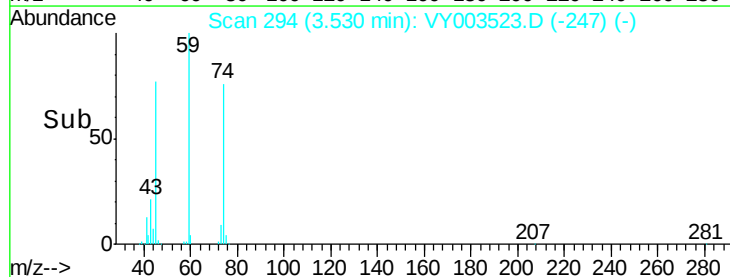
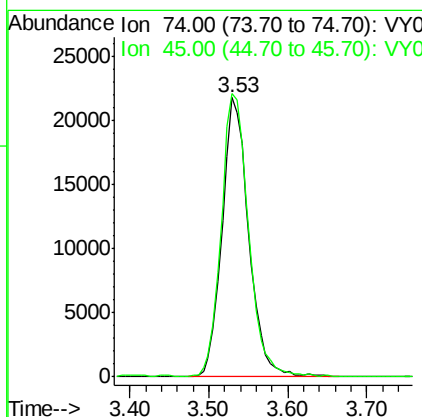
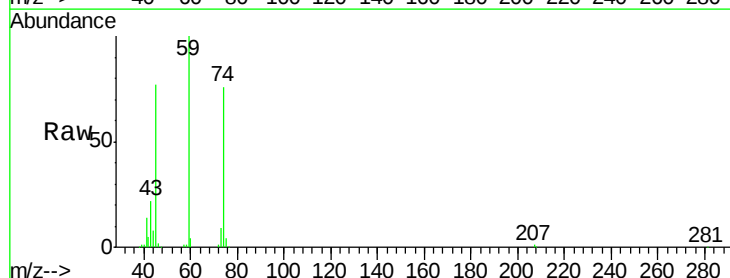
SAM
11/13/2020 6:13:28 PM

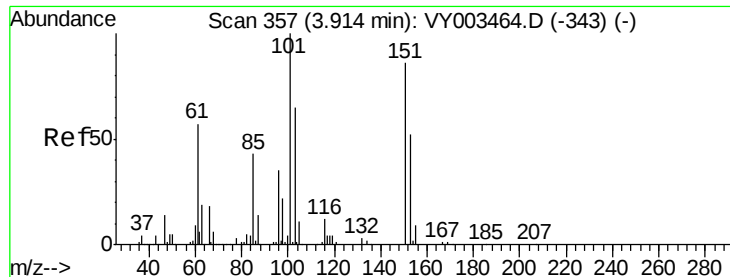


#8

Diethyl Ether
Concen: 48.583 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.462 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

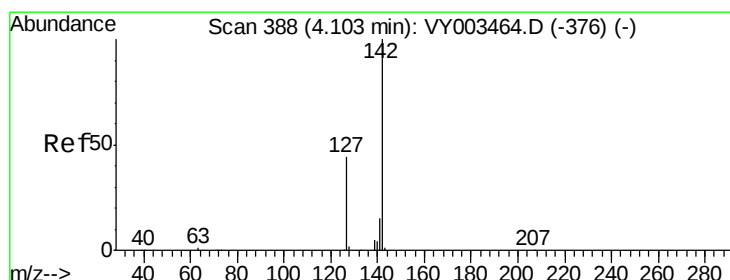
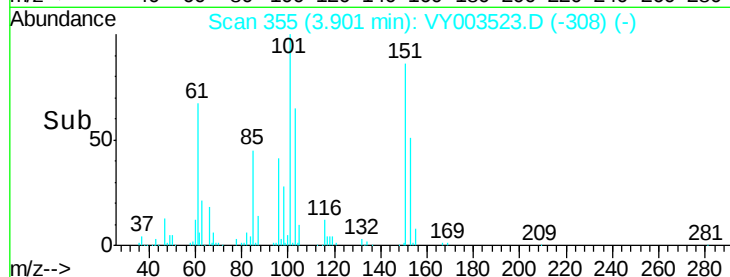
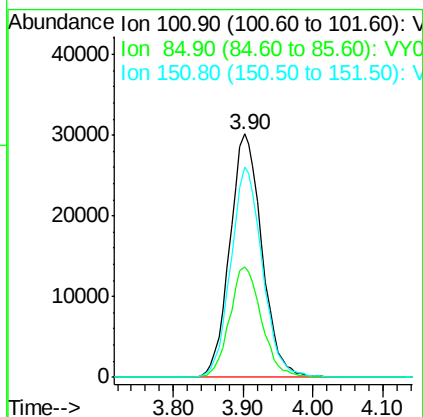
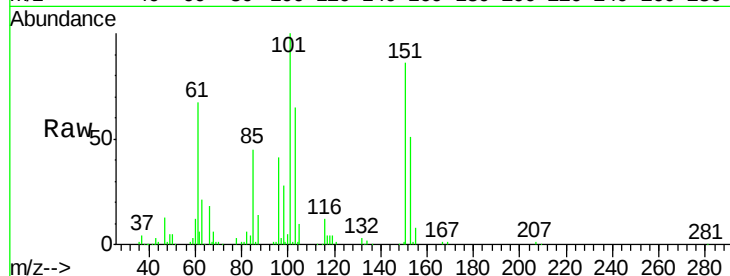
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	95937
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.8	53.8
151	85.3	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.233 ug/l

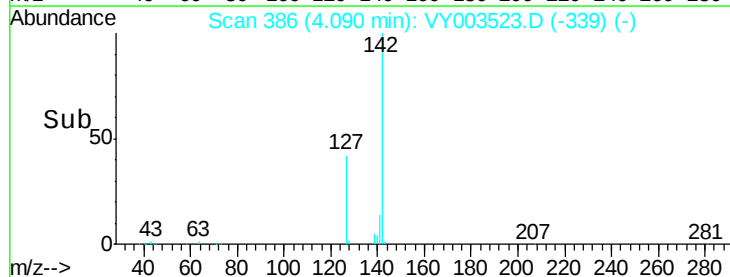
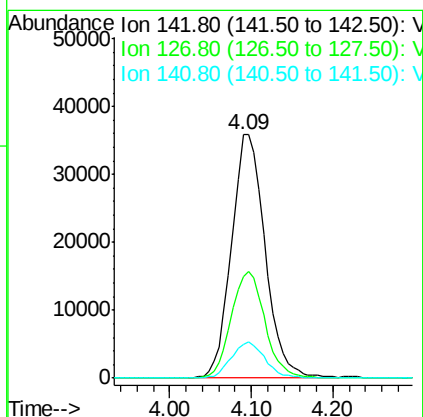
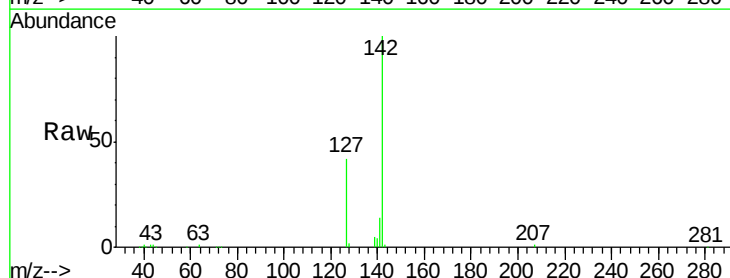
RT: 4.09 min Scan# 386

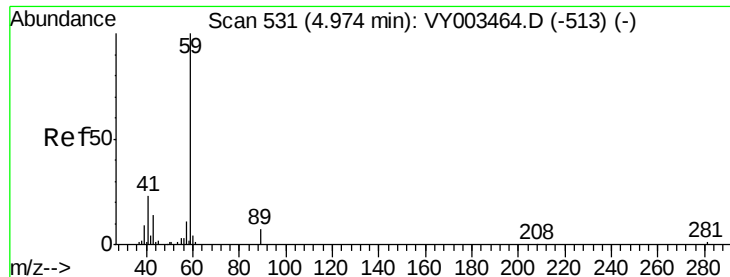
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	142	Resp:	102367
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.5	51.7
141	14.9	11.8	17.8





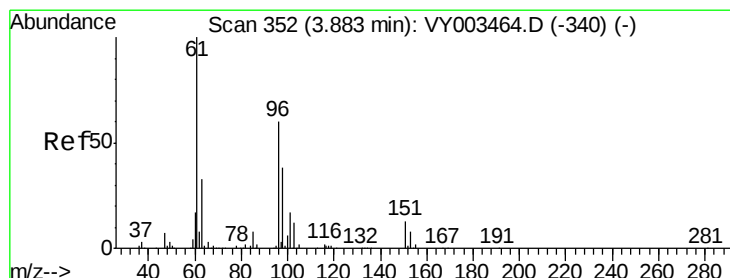
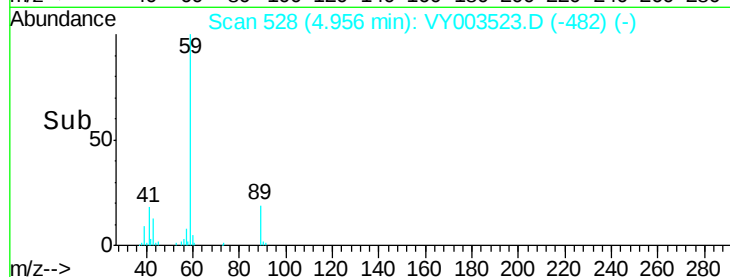
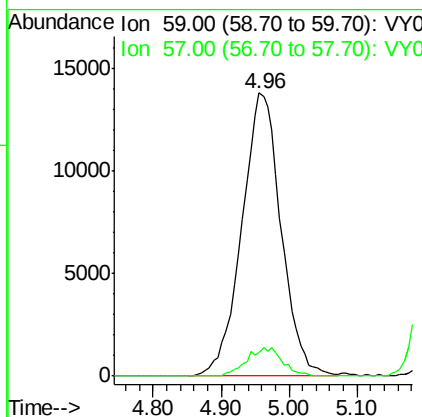
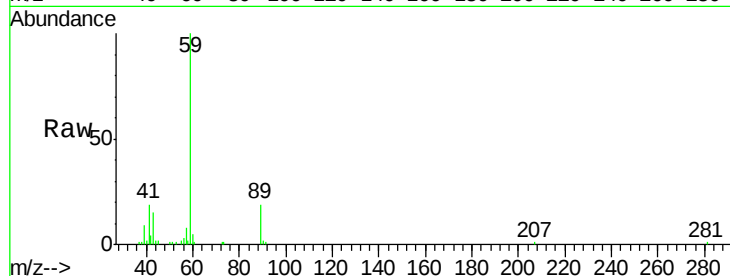
#11
Tert butyl alcohol
Concen: 233.696 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.9	11.9

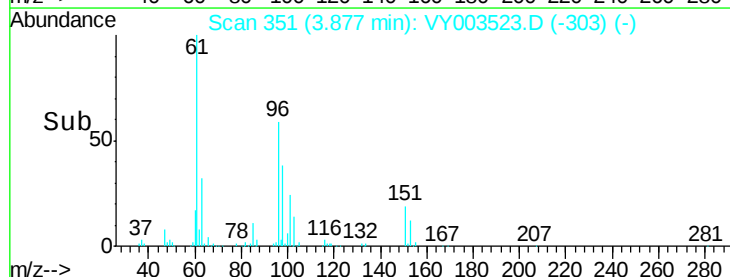
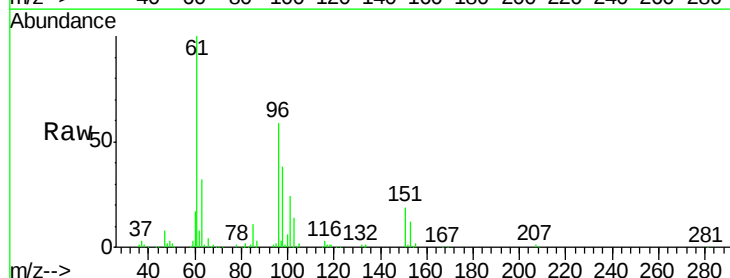
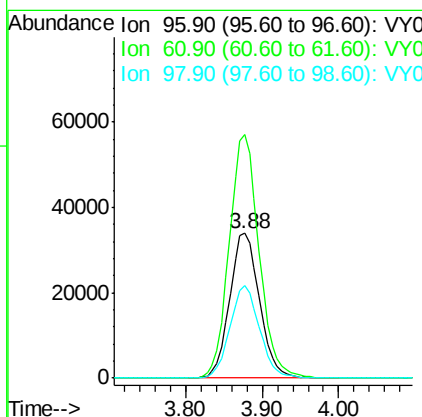
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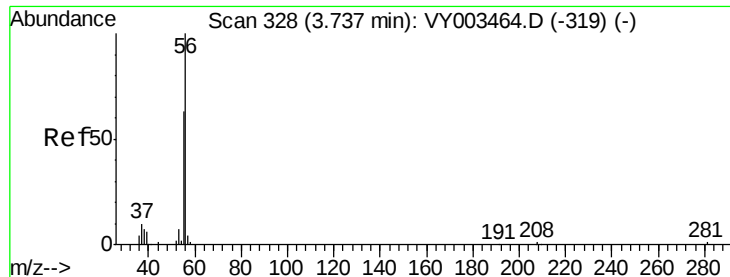
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#12
1,1-Dichloroethene
Concen: 48.711 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	133.6	200.4
98	64.3	50.2	75.2





#13

Acrolein

Concen: 227.676 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 44896

Ion Ratio Lower Upper

56 100

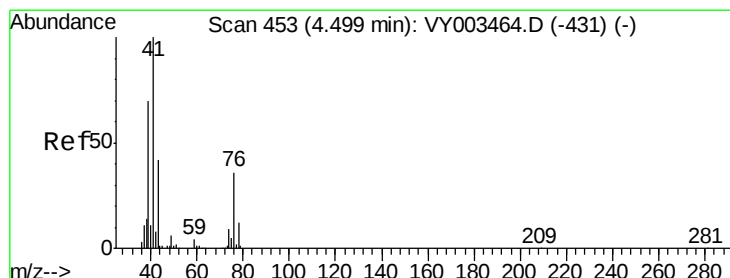
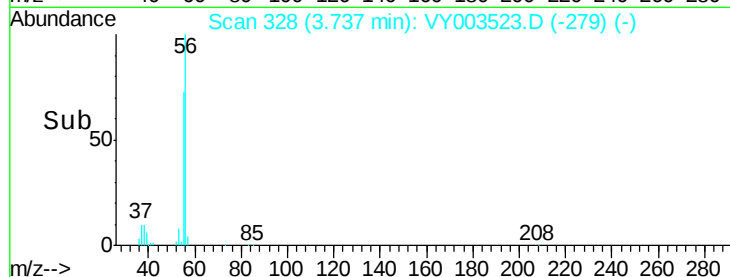
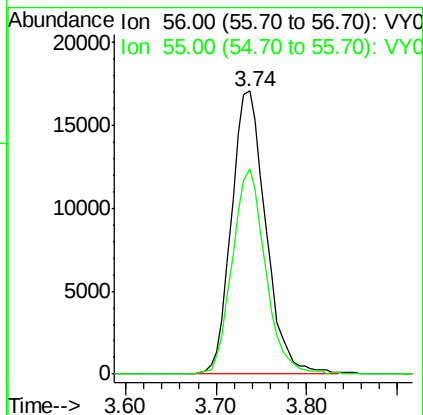
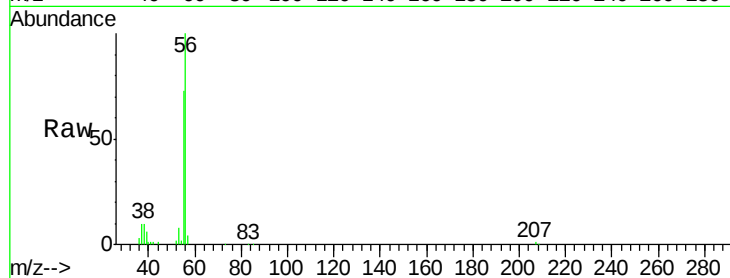
55 70.3 56.6 85.0

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#14

Allyl chloride

Concen: 48.682 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

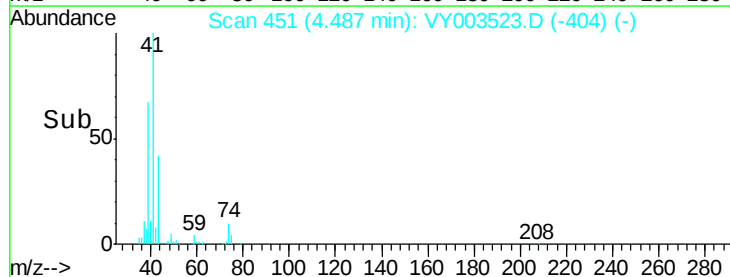
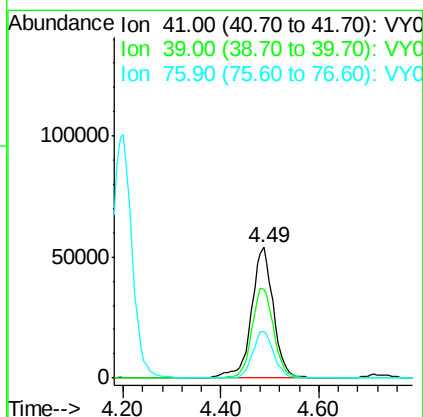
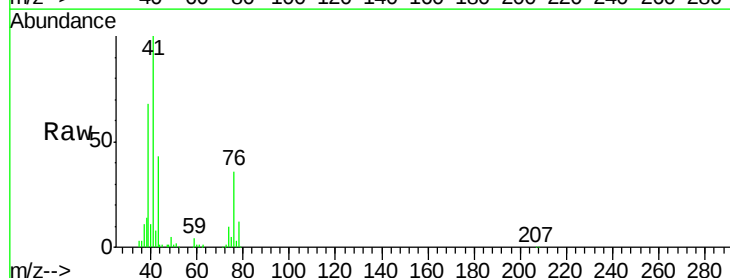
Tgt Ion: 41 Resp: 168003

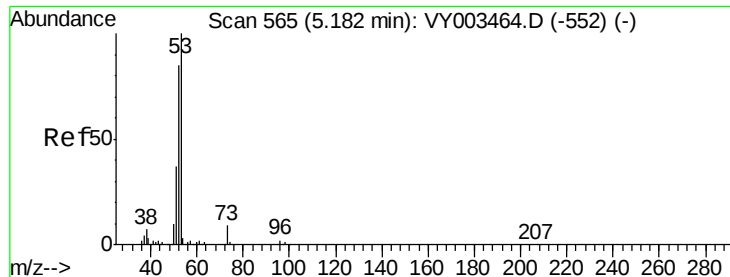
Ion Ratio Lower Upper

41 100

39 68.1 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 224.385 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

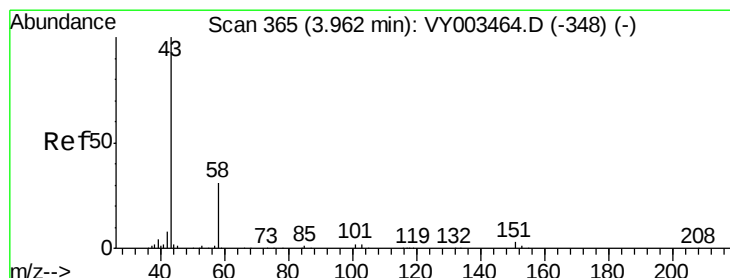
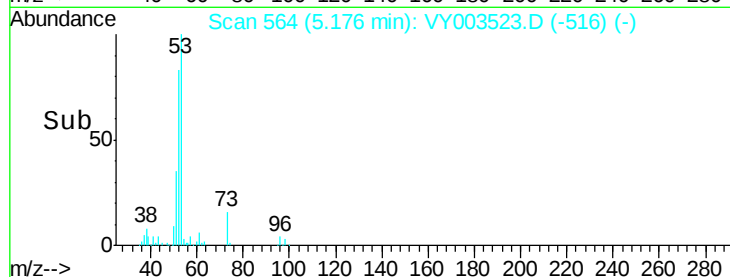
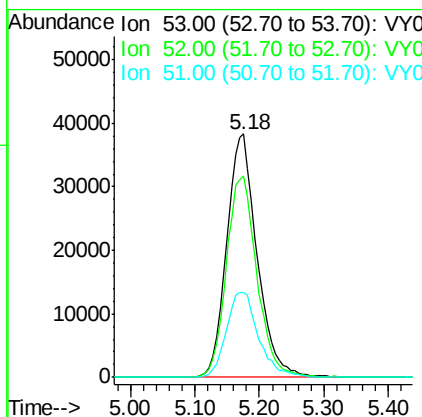
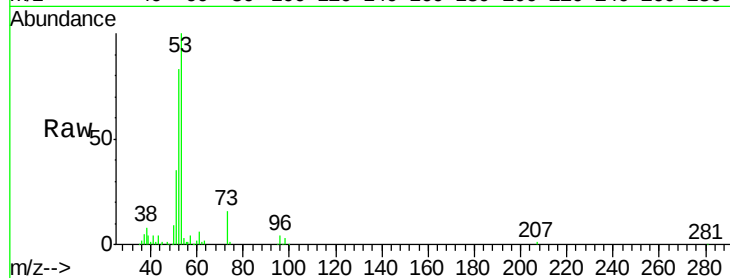
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	126342
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.9	100.3
51	37.3	29.3	43.9

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#16

Acetone

Concen: 296.655 ug/l

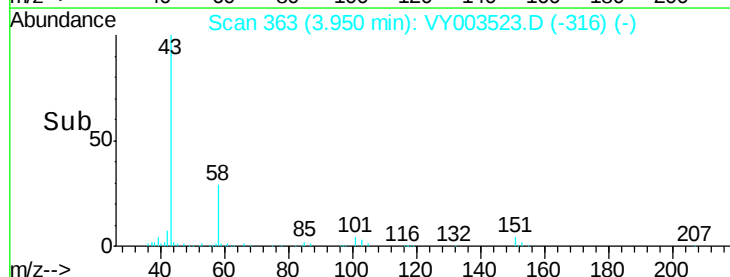
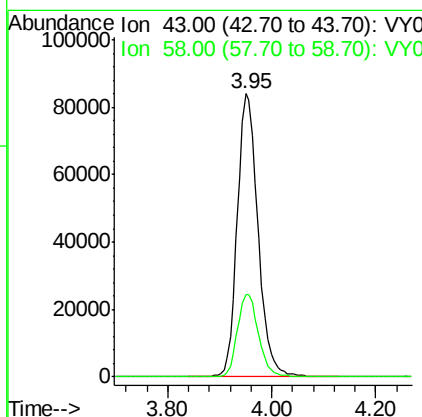
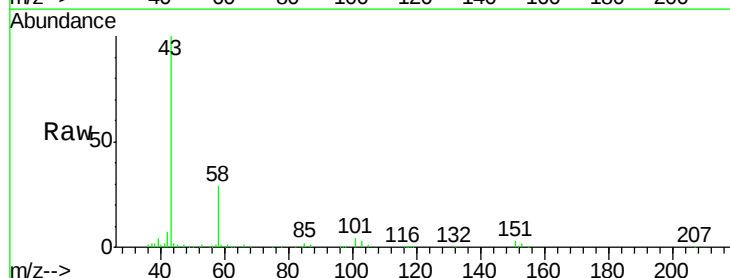
RT: 3.95 min Scan# 363

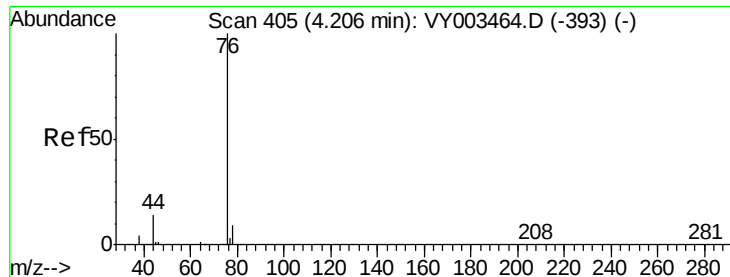
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	43	Resp:	232531
Ion Ratio	Lower	Upper	
43	100		
58	29.1	25.0	37.4





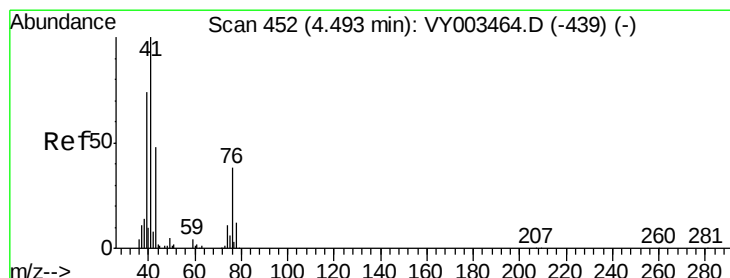
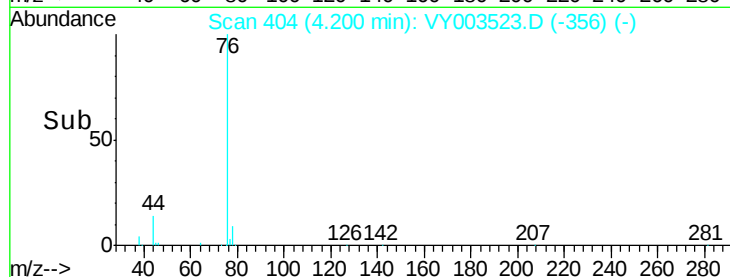
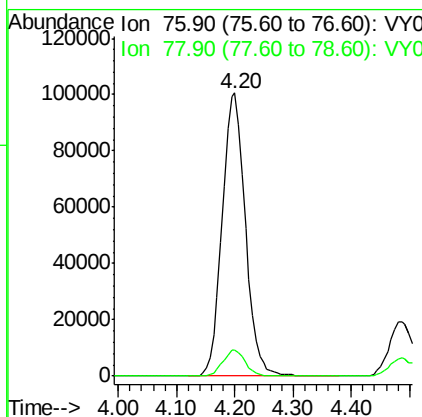
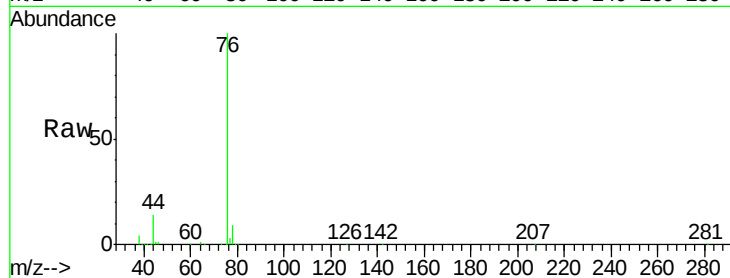
#17
Carbon Disulfide
Concen: 45.431 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

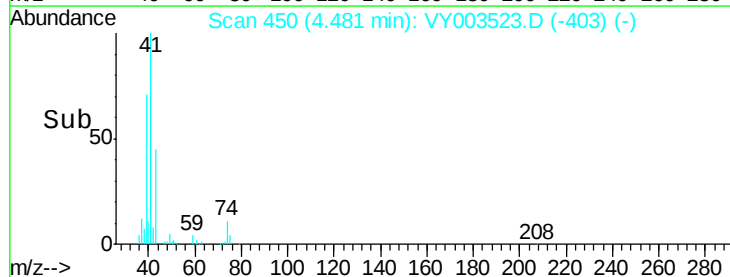
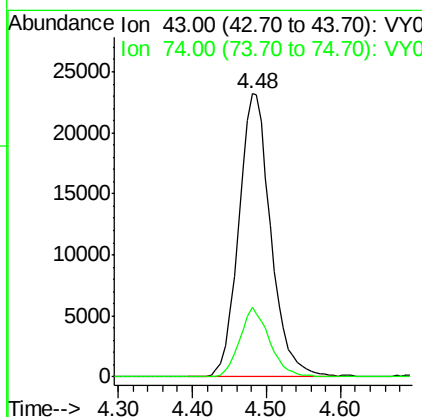
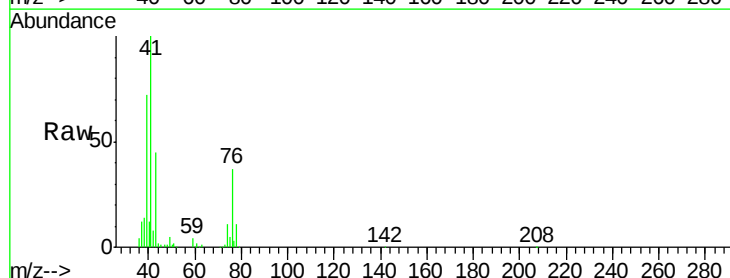
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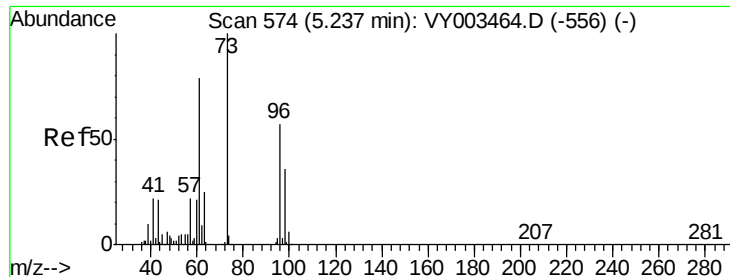
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#18
Methyl Acetate
Concen: 47.342 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6





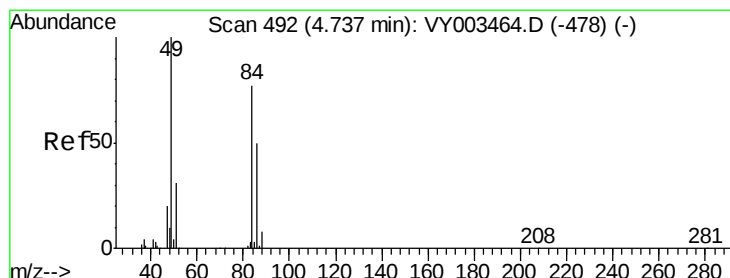
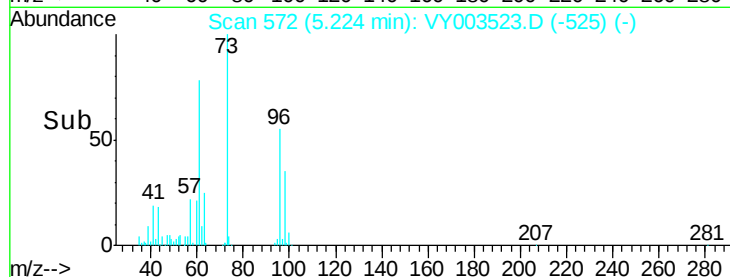
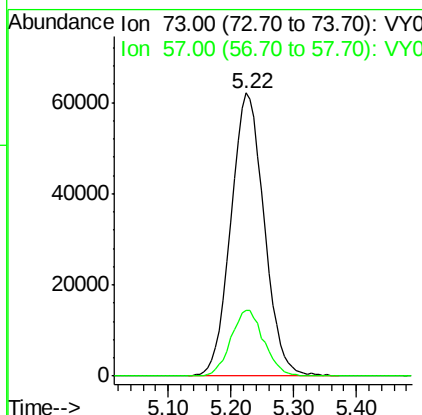
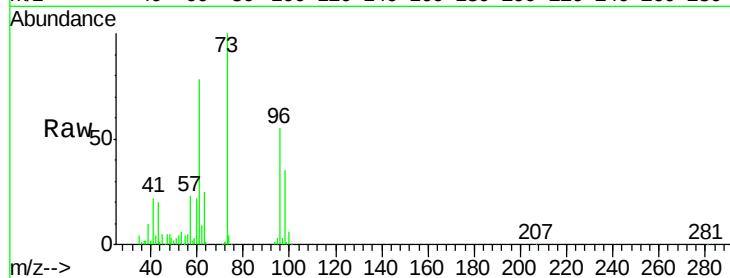
#19
Methvl tert-butvl Ether
Concen: 48.721 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 228259
Ion Ratio Lower Upper
73 100
57 23.2 17.2 25.8

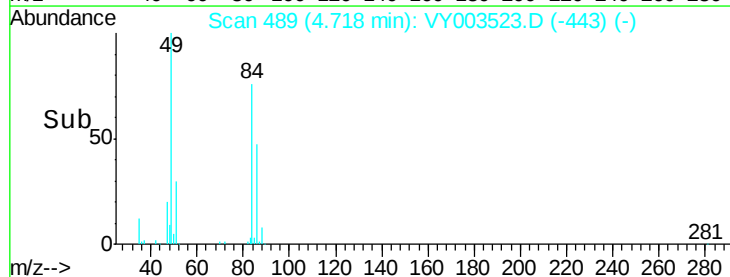
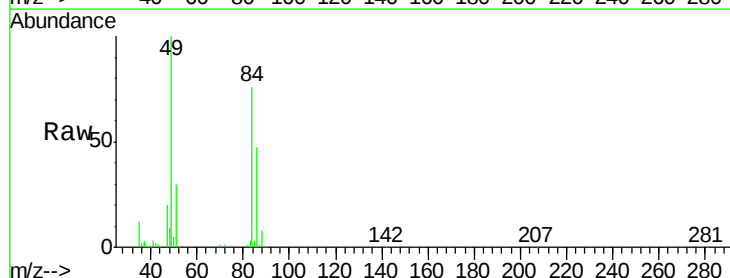
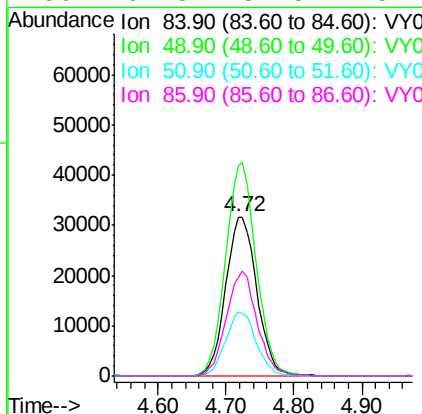
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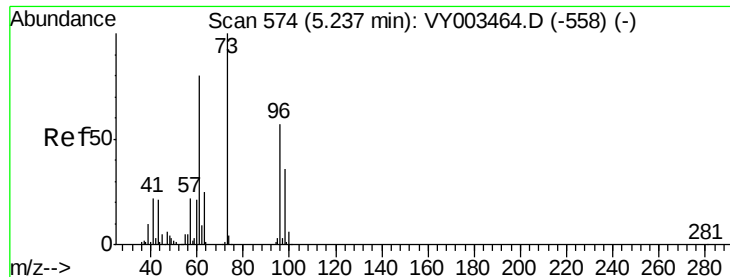
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#20
Methylene Chloride
Concen: 45.572 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 84 Resp: 100600
Ion Ratio Lower Upper
84 100
49 132.3 104.3 156.5
51 40.3 32.5 48.7
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.204 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

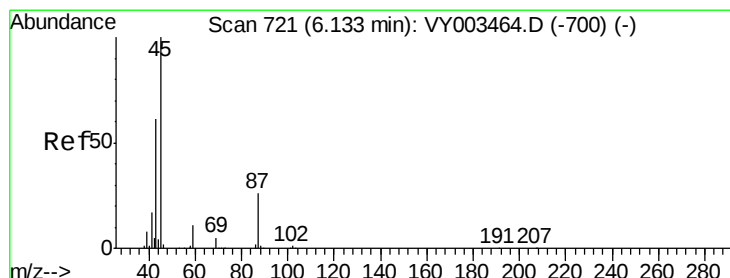
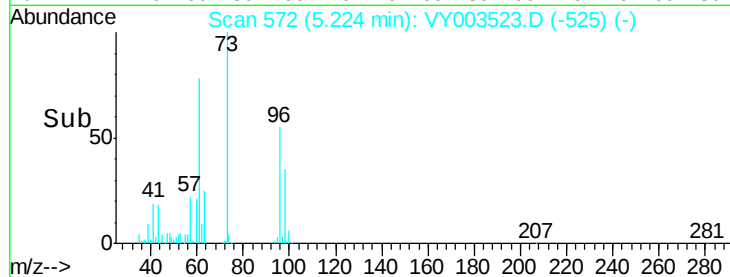
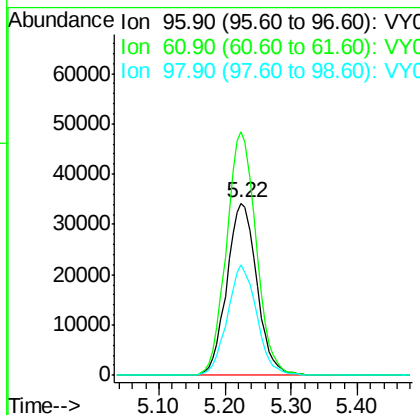
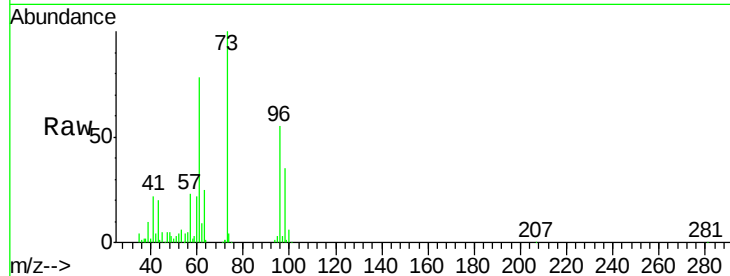
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	107771
Ion	Ratio	Lower	Upper
96	100		
61	141.3	111.3	166.9
98	64.0	50.3	75.5

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#22

Diisopropyl ether

Concen: 49.980 ug/l

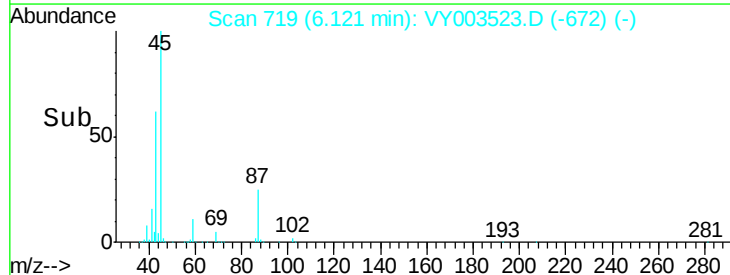
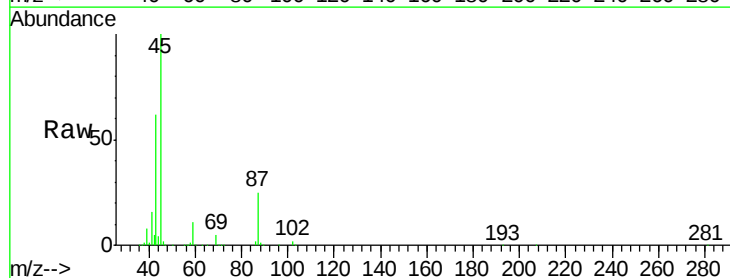
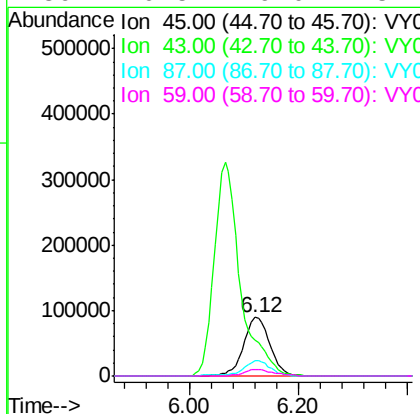
RT: 6.12 min Scan# 719

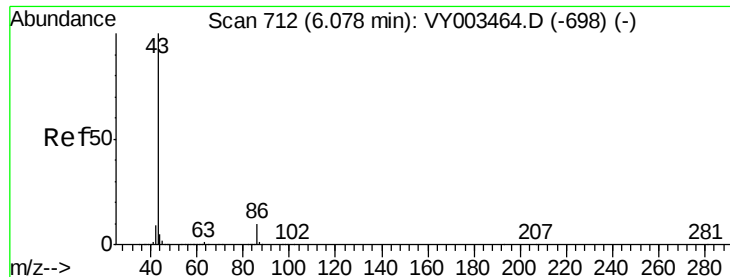
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	45	Resp:	302524
Ion	Ratio	Lower	Upper
45	100		
43	61.3	48.8	73.2
87	25.3	20.6	31.0
59	10.5	9.0	13.4





#23

Vinyl Acetate

Concen: 239.220 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1088108

Ion Ratio Lower Upper

43 100

86 10.2

8.2

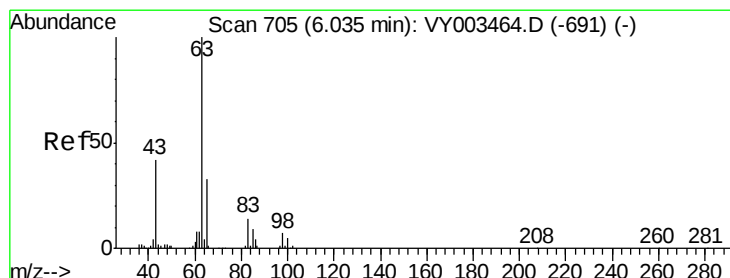
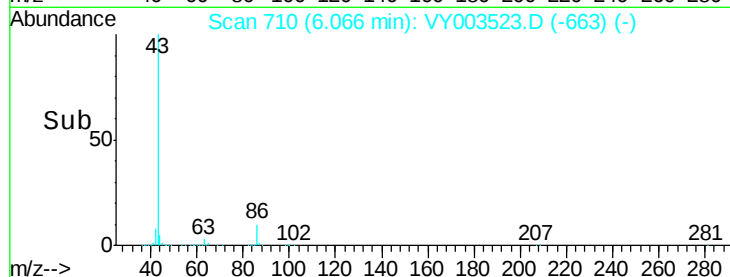
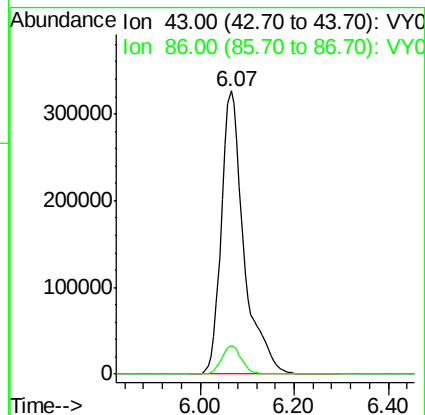
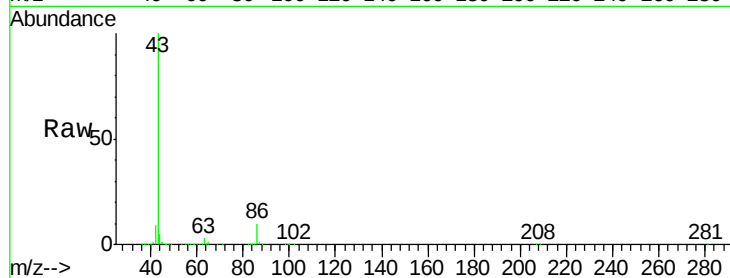
12.2

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#24

1,1-Dichloroethane

Concen: 49.348 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion: 63 Resp: 189811

Ion Ratio Lower Upper

63 100

98 6.4

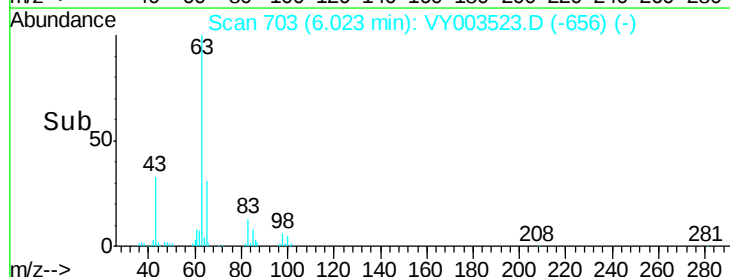
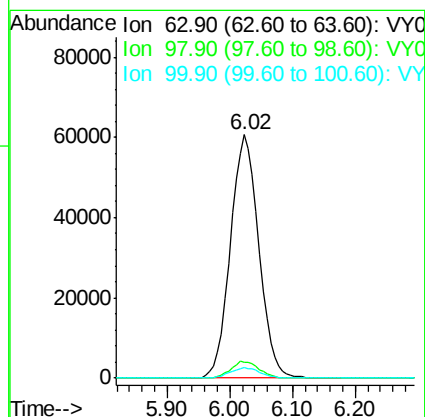
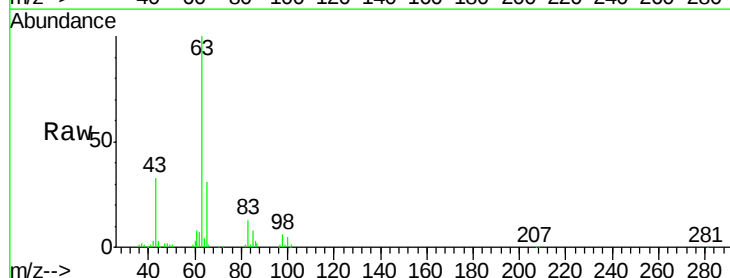
3.6

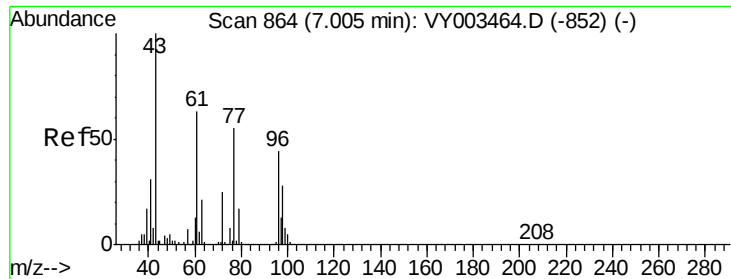
10.8

100 4.6

2.3

6.9





#25

2-Butanone

Concen: 268.365 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 263094

Ion Ratio Lower Upper

43 100

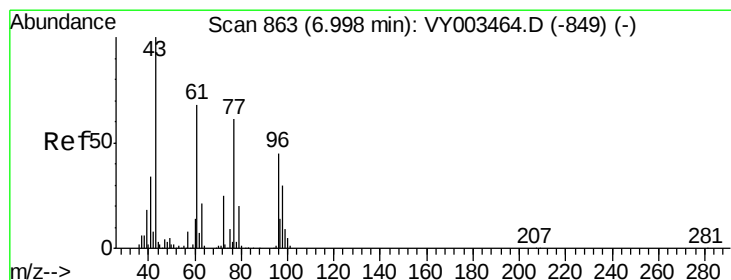
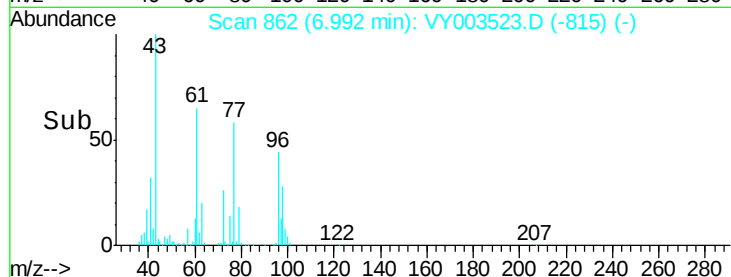
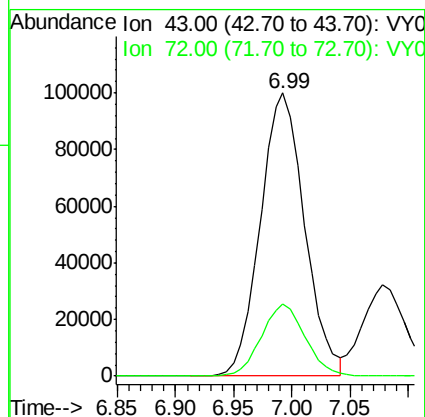
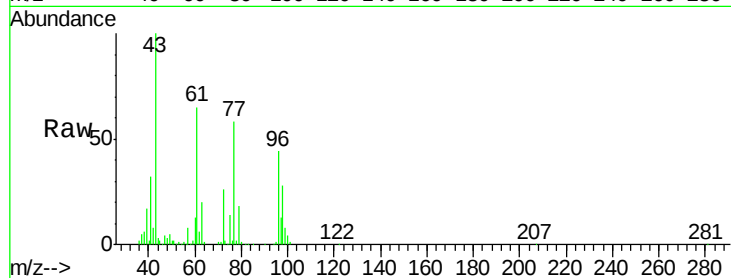
72 25.5 20.1 30.1

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#26

2,2-Dichloropropane

Concen: 50.361 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003523.D

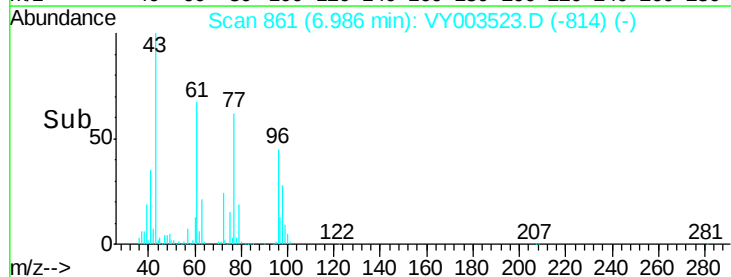
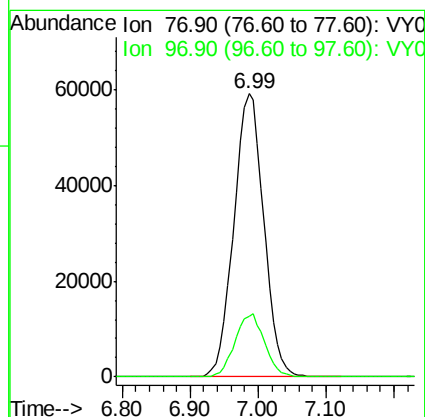
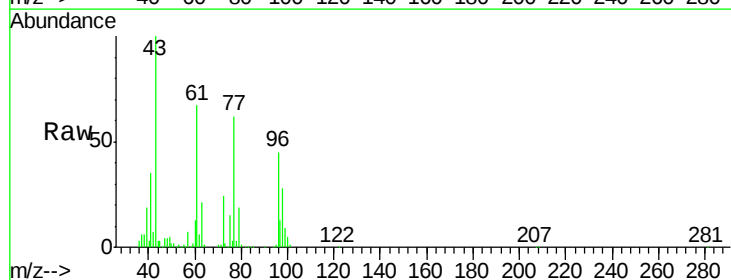
Acq: 12 Nov 2020 09:54

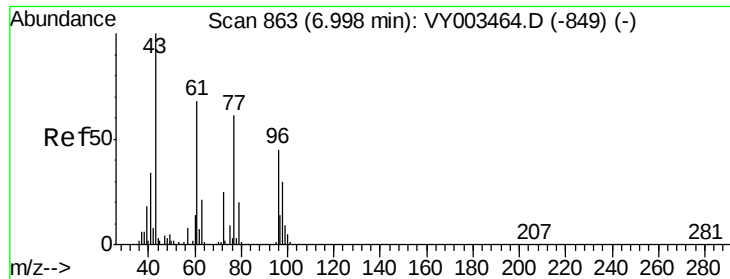
Tgt Ion: 77 Resp: 180462

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

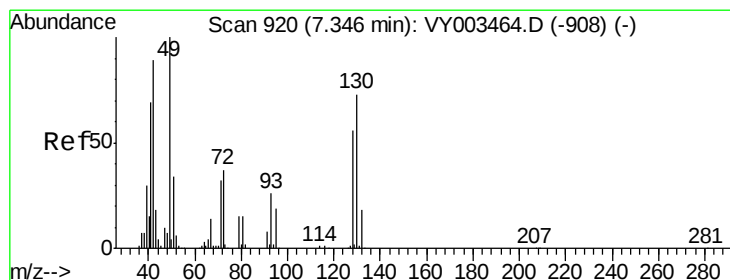
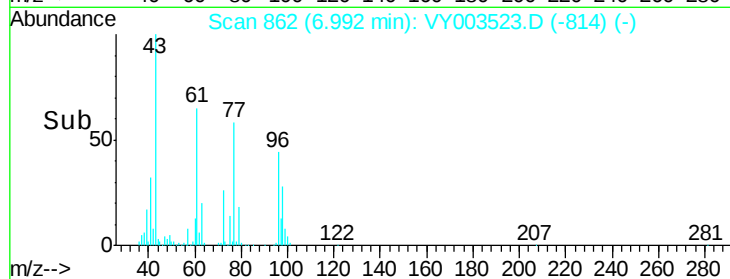
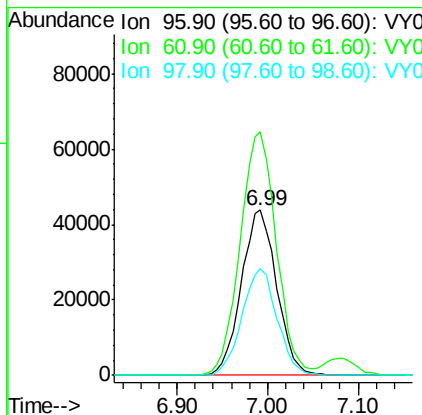
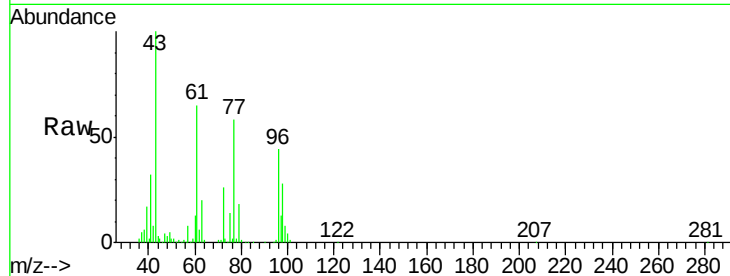
cis-1,2-Dichloroethene
Concen: 49.860 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	299.2
98	64.2	0.0	128.6

Manual Integrations
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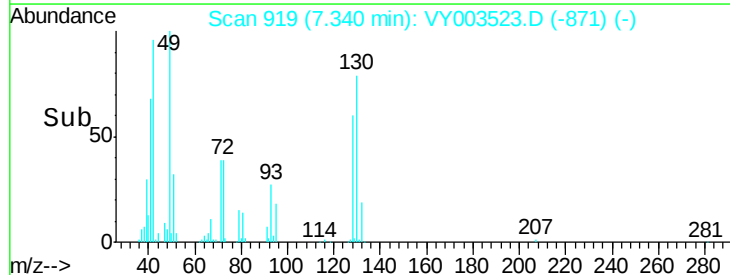
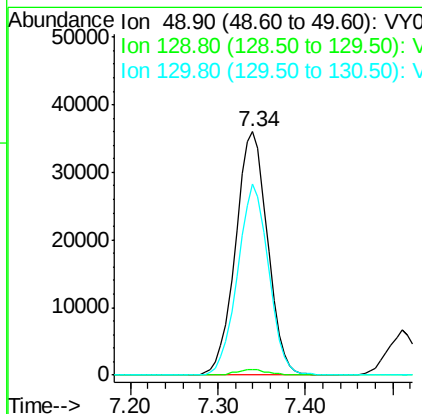
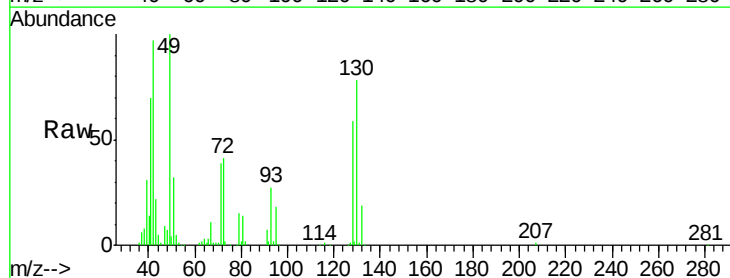
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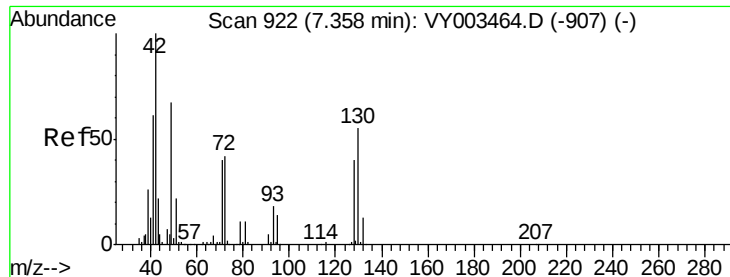


#28

Bromochloromethane
Concen: 47.362 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.9	60.0	90.0





#29

Tetrahydrofuran

Concen: 222.646 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

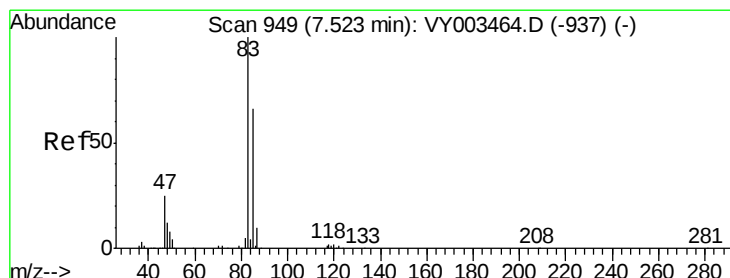
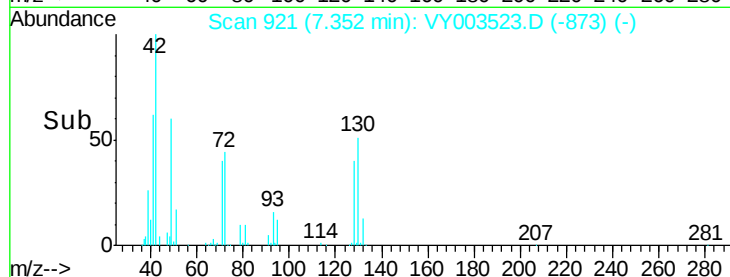
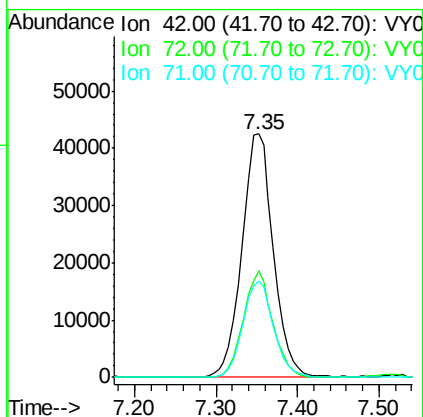
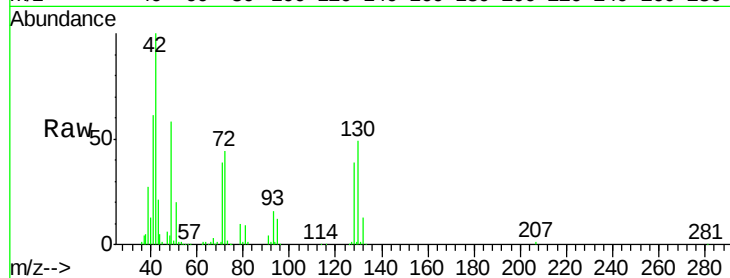
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	114055
Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.8	49.2
71	38.4	30.7	46.1

Manual Integrations
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#30

Chloroform

Concen: 50.252 ug/l

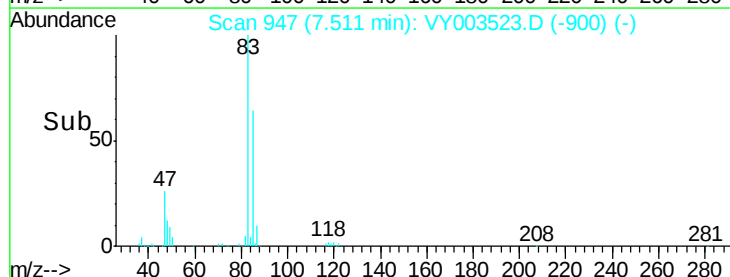
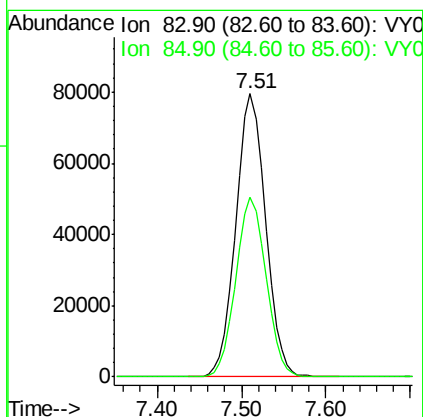
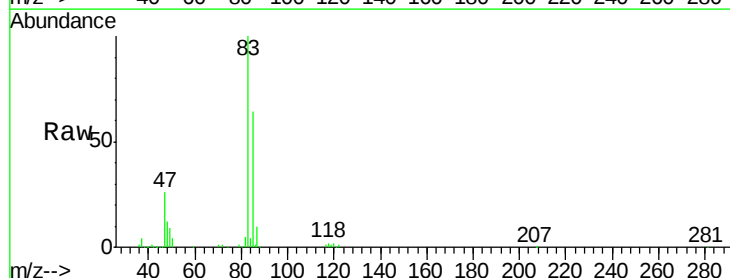
RT: 7.51 min Scan# 947

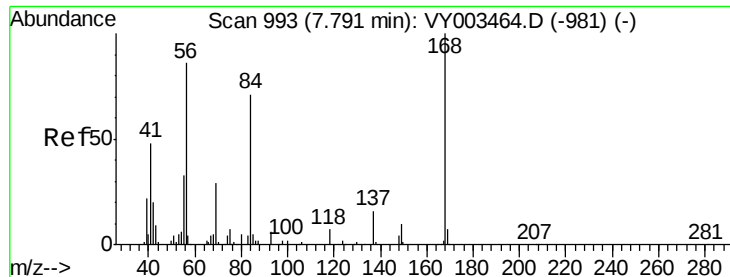
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	83	Resp:	189847
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.6	79.0





#31

Cyclohexane

Concen: 45.738 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

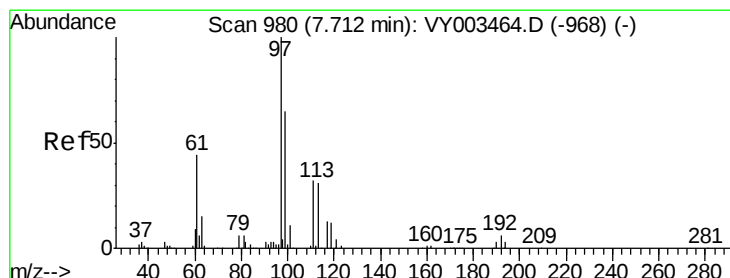
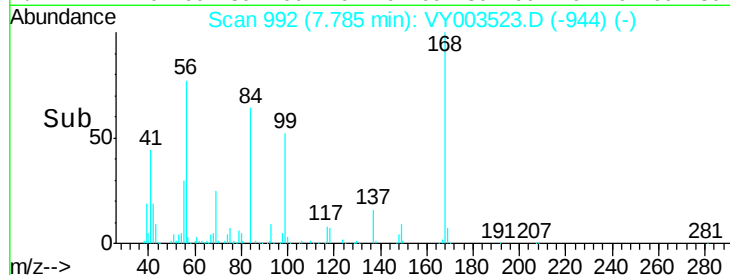
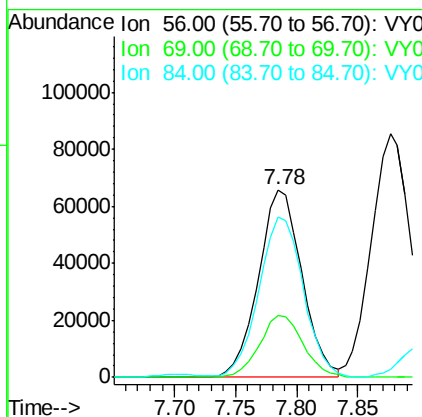
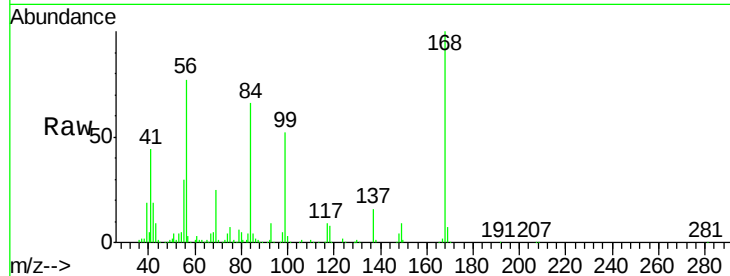
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	162892
Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.6	39.8
84	83.9	65.9	98.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.502 ug/l

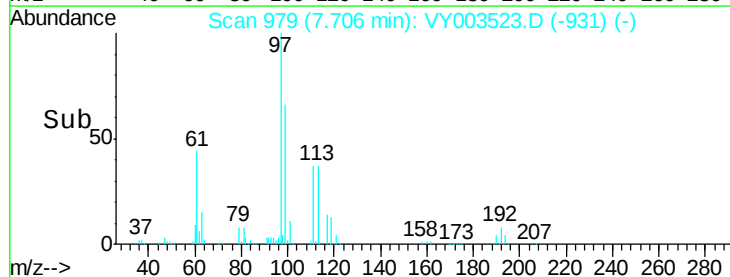
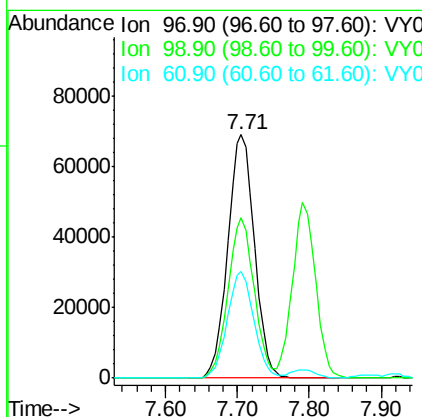
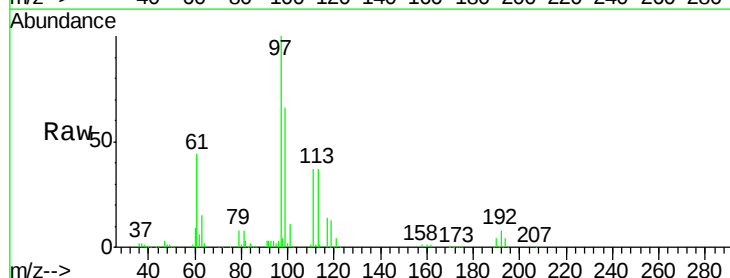
RT: 7.71 min Scan# 979

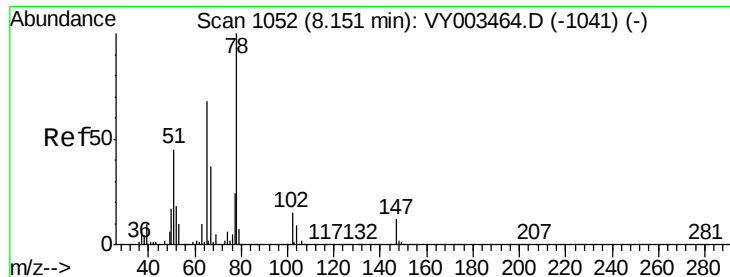
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion	97	Resp	177991
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	43.6	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 46.921 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 111491

Ion Ratio Lower Upper

65 100

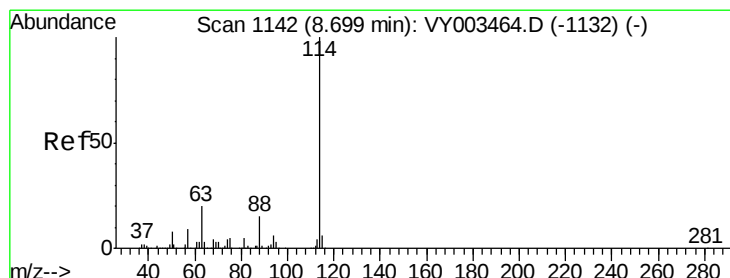
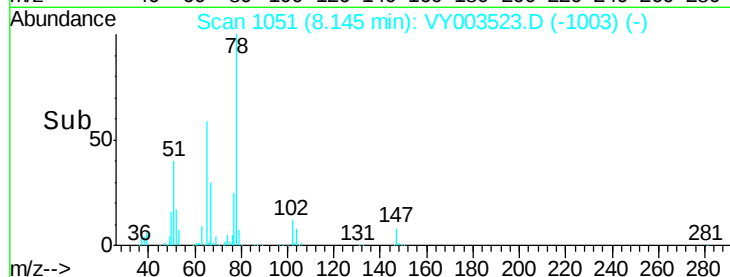
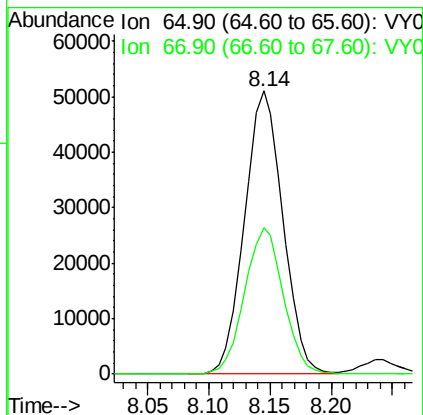
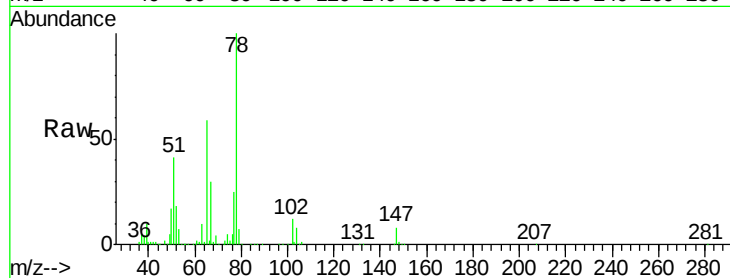
67 52.3 0.0 106.0

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: VY003523.D

Acq: 12 Nov 2020 09:54

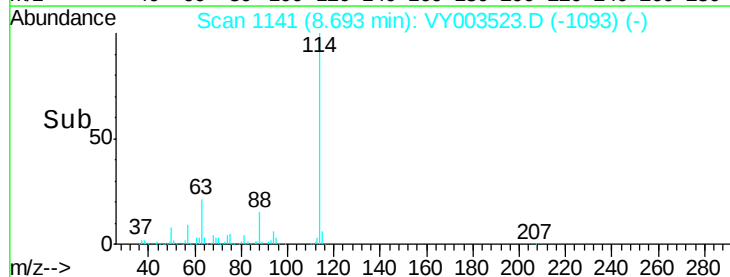
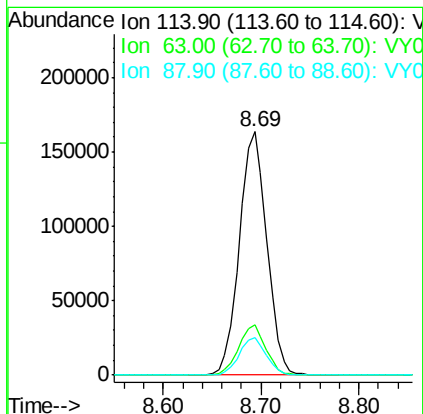
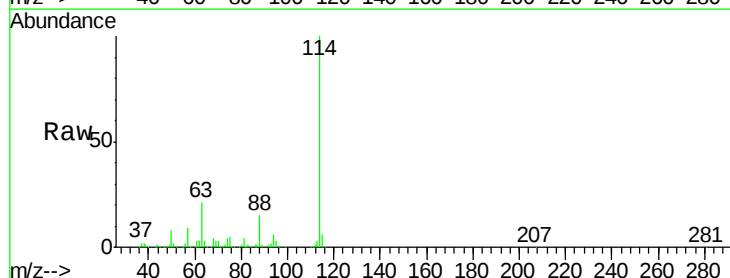
Tgt Ion: 114 Resp: 319084

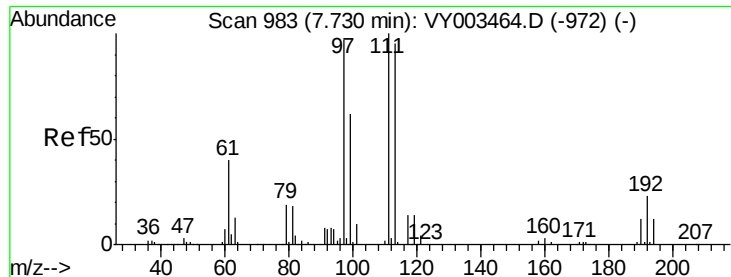
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 15.2 0.0 29.4





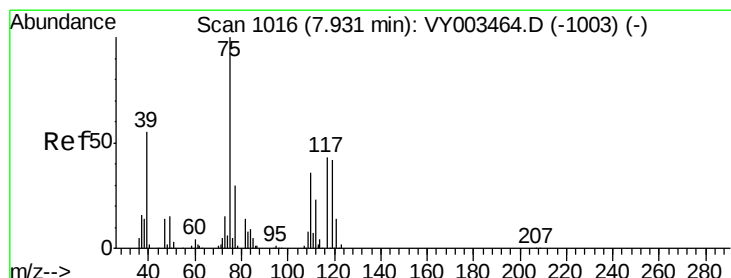
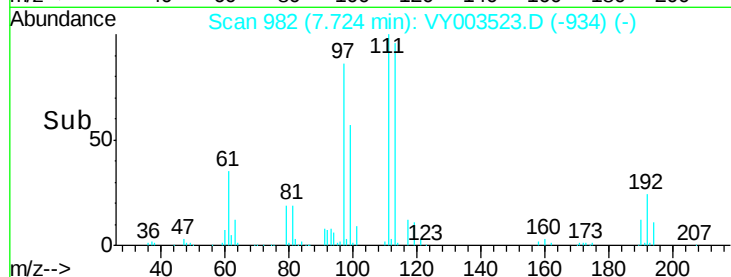
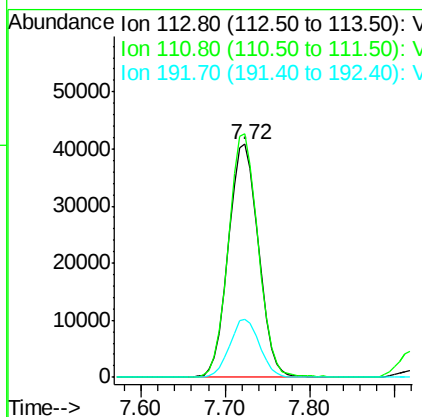
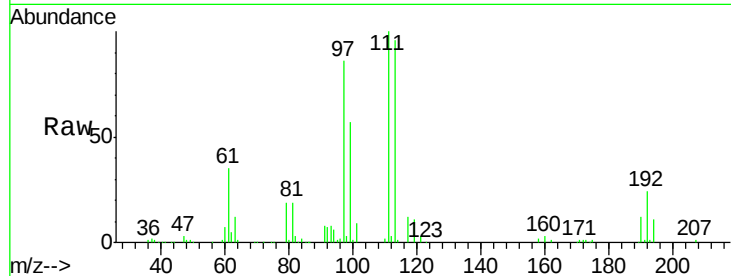
#35
 Dibromofluoromethane
 Concen: 51.046 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	24.8	18.8	28.2

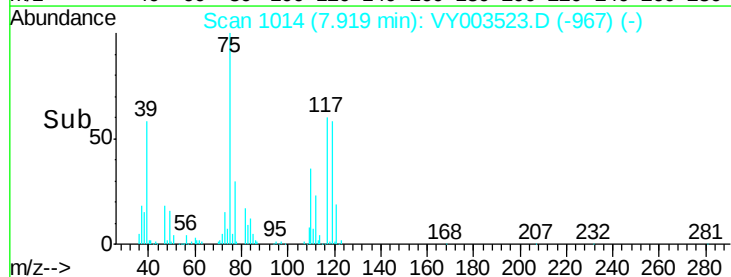
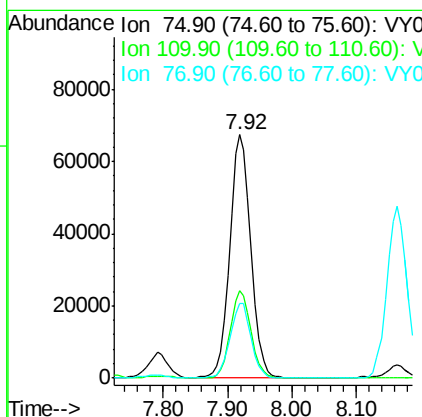
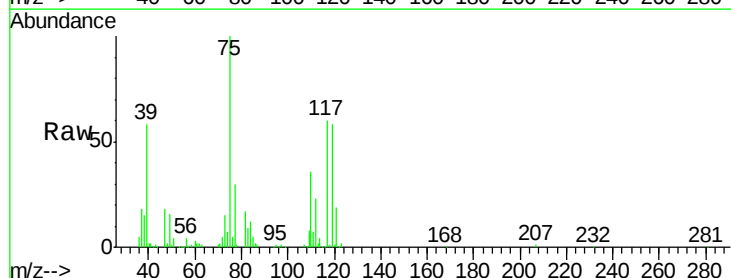
Manual Integrations
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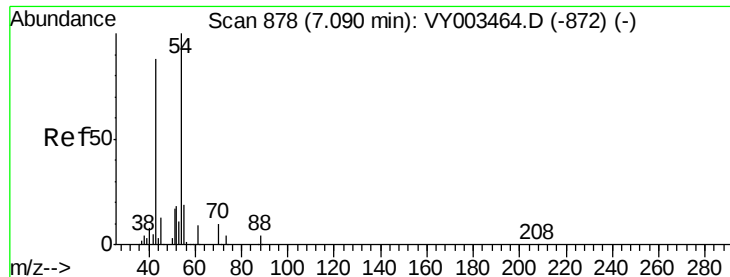
SAM
 11/13/2020 6:13:28 PM



#36
 1,1-Dichloropropene
 Concen: 51.363 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	30.8	24.7	37.1





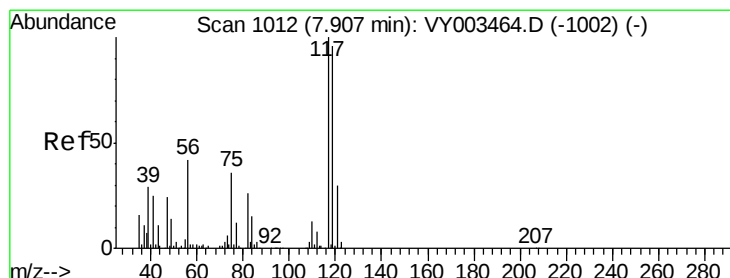
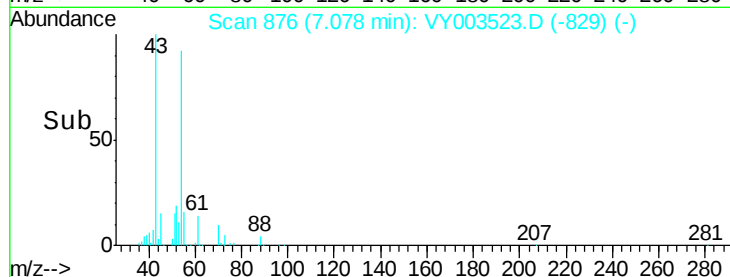
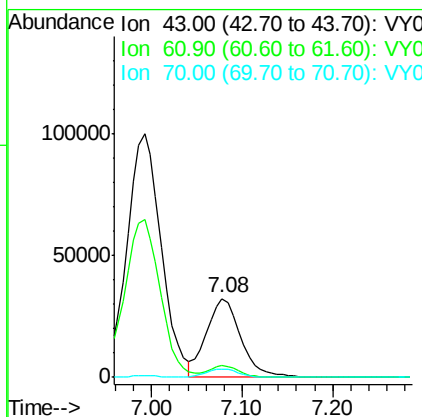
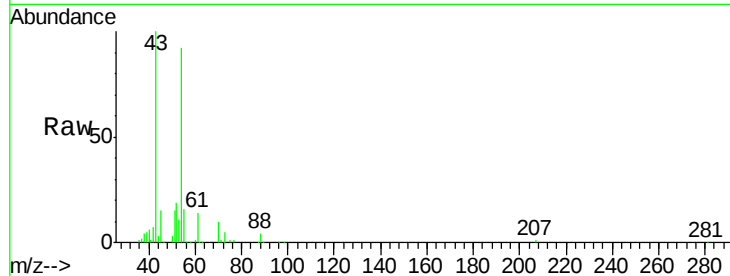
#37
Ethyl Acetate
Concen: 45.595 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.6
70	10.0	7.9	11.9

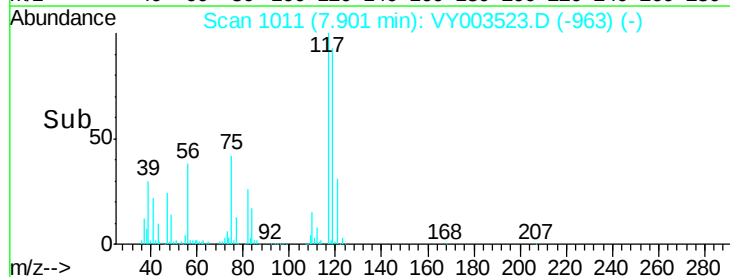
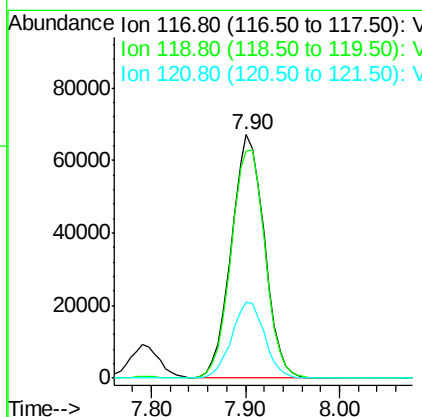
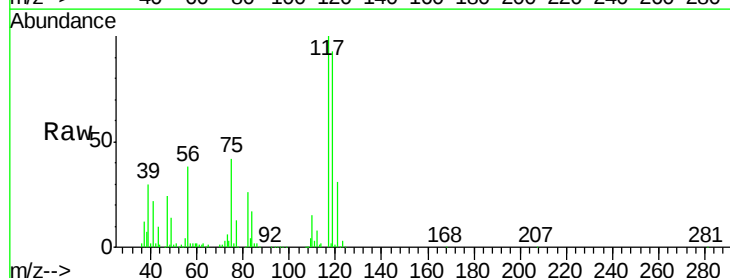
Manual Integrations
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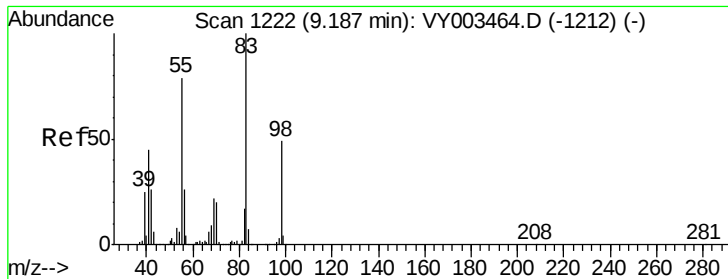
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#38
Carbon Tetrachloride
Concen: 52.503 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.4
121	31.2	24.2	36.4





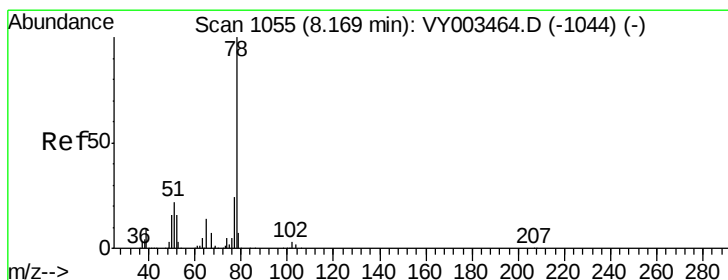
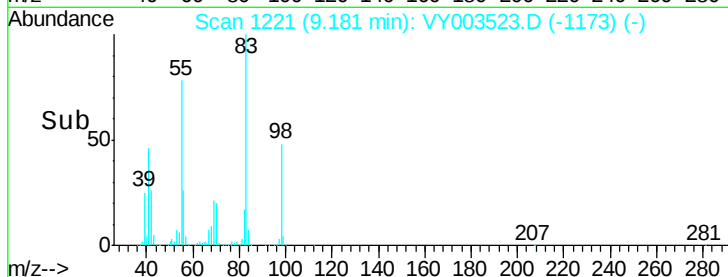
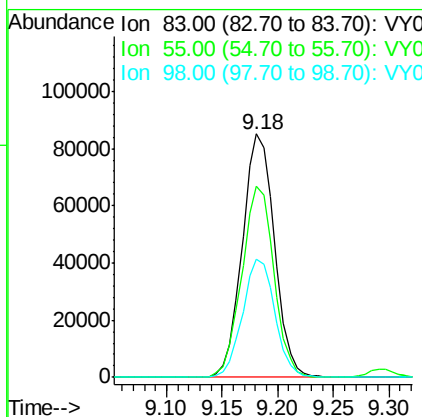
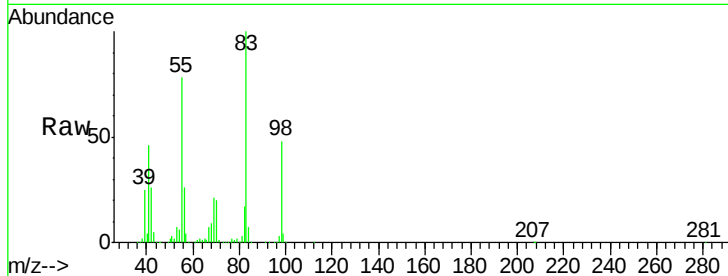
#39
Methvlcvclohexane
Concen: 51.103 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.5	95.3
98	48.3	39.4	59.2

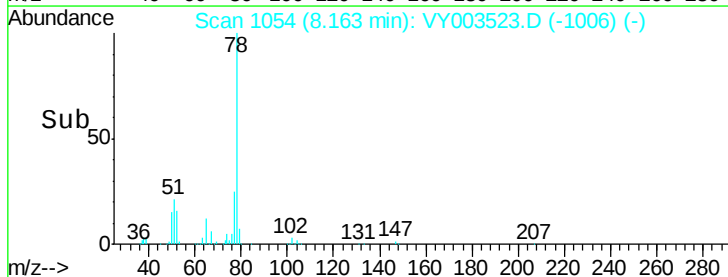
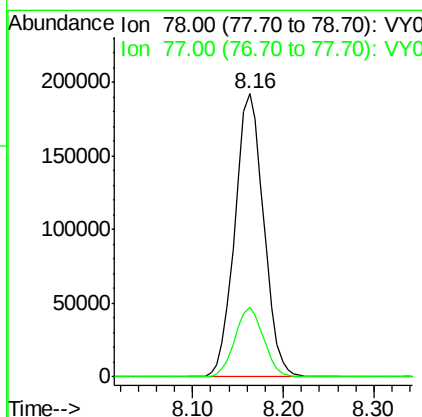
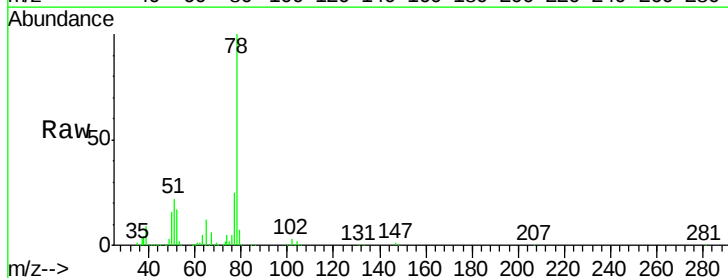
Manual Integrations
APPROVED

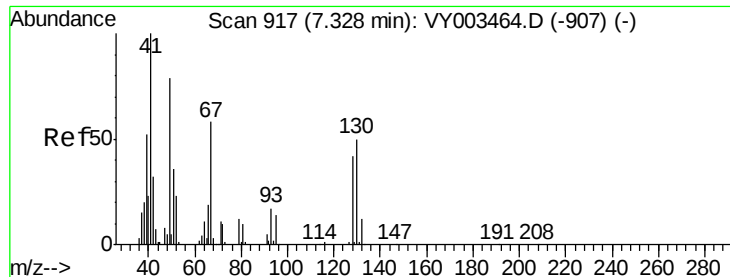
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#40
Benzene
Concen: 50.687 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





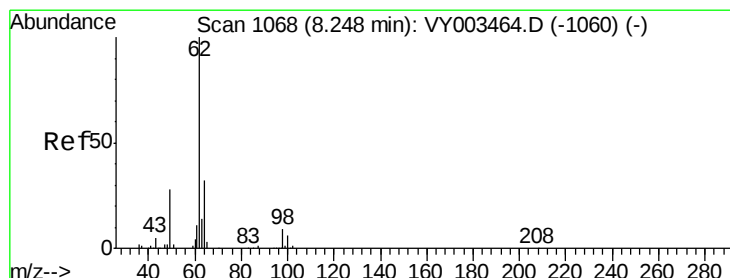
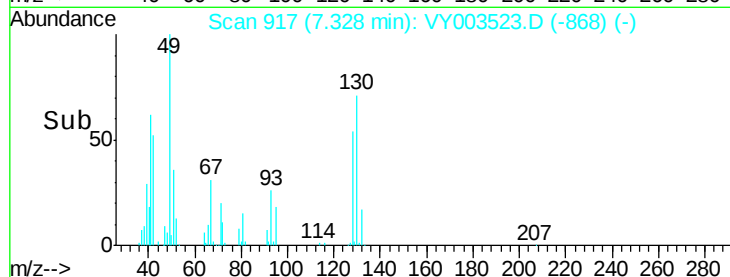
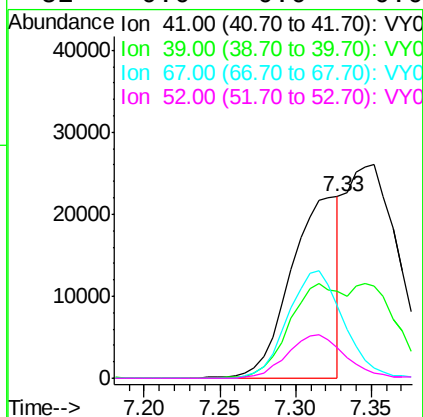
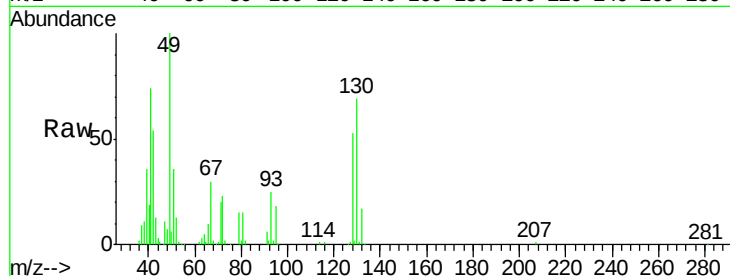
#41
Methacrylonitrile
Concen: 49.506 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	49387
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

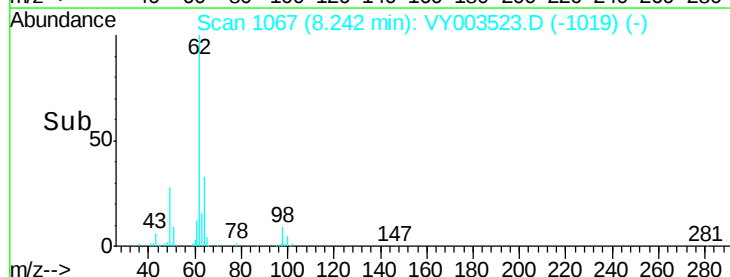
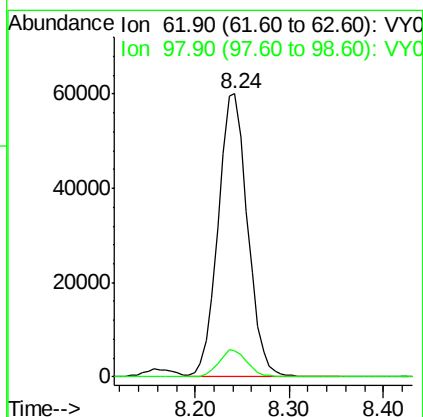
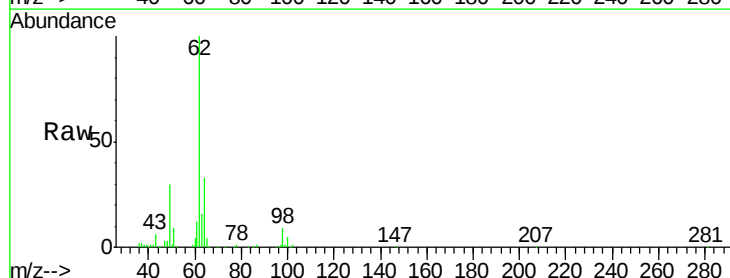
Manual Integrations
APPROVED

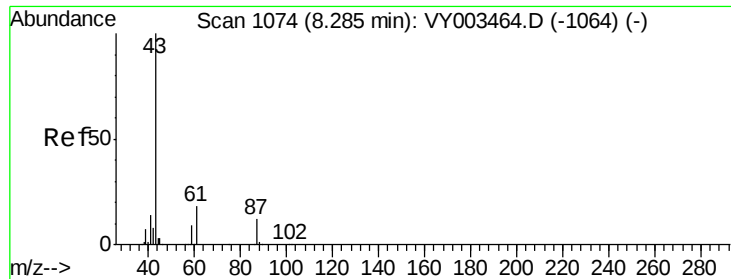
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#42
1,2-Dichloroethane
Concen: 49.669 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	62	Resp	130299
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





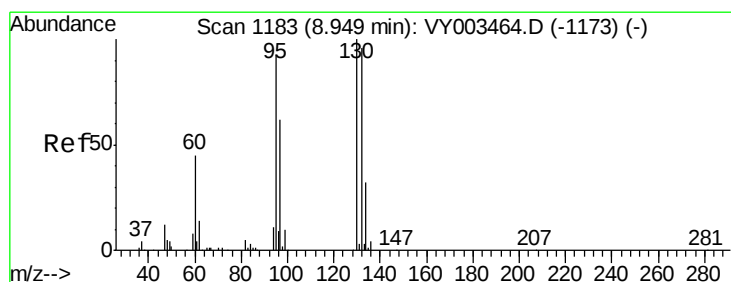
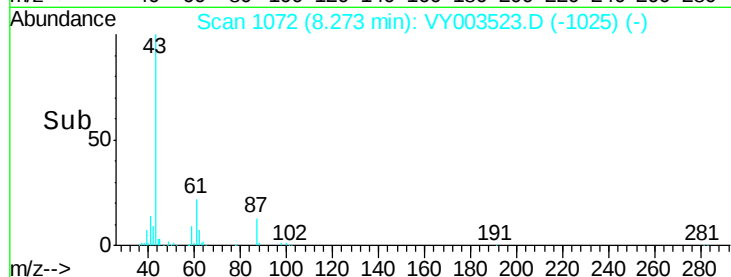
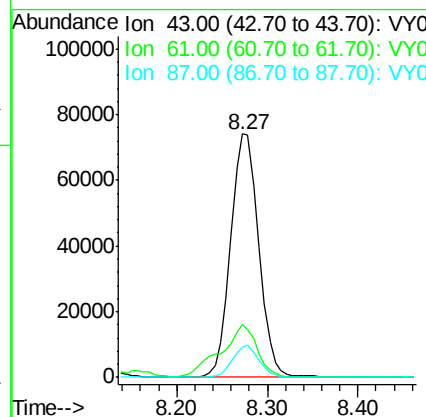
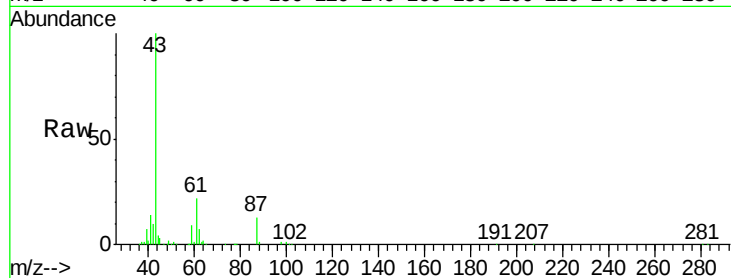
#43
Isopropyl Acetate
Concen: 47.270 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.9	32.9
87	12.5	10.0	15.0

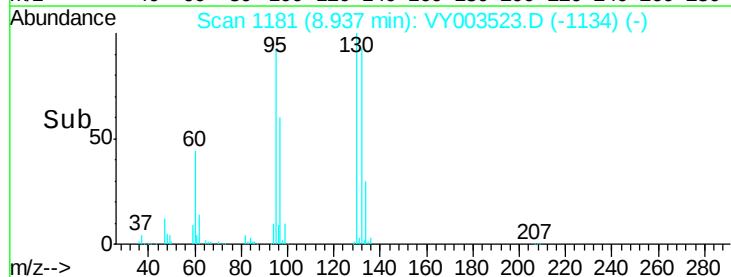
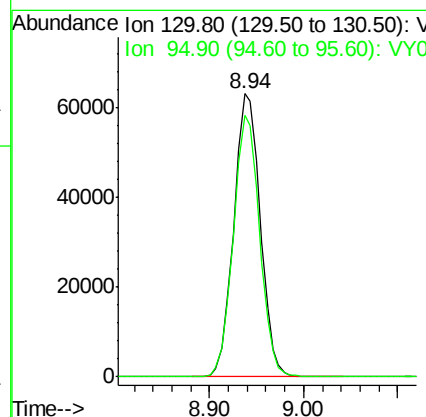
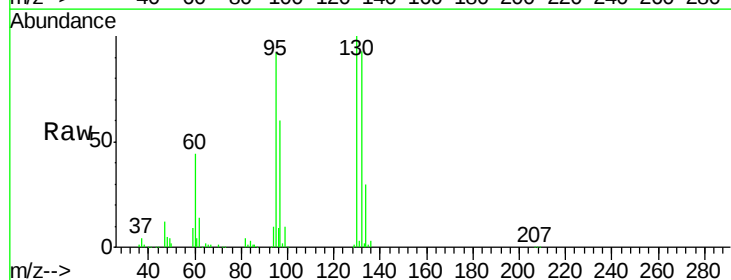
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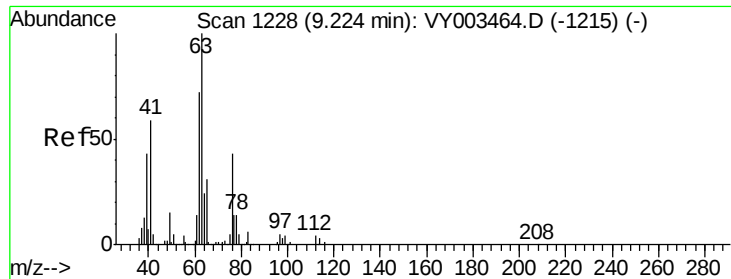
SAM
11/13/2020 6:13:28 PM



#44
Trichloroethene
Concen: 52.482 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	186.6





#45

1,2-Dichloropropane

Concen: 50.990 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 107807

Ion Ratio Lower Upper

63 100

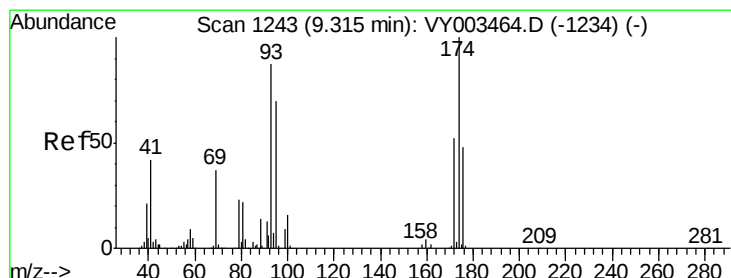
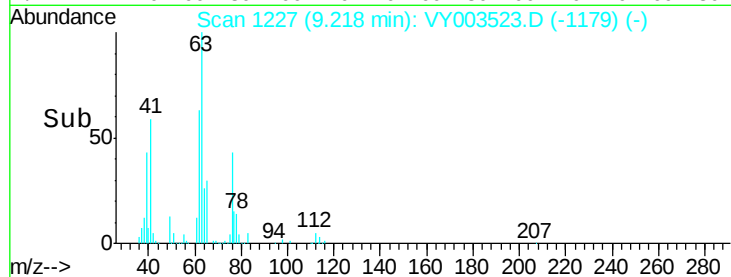
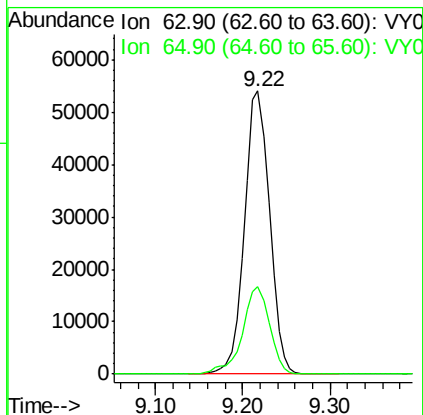
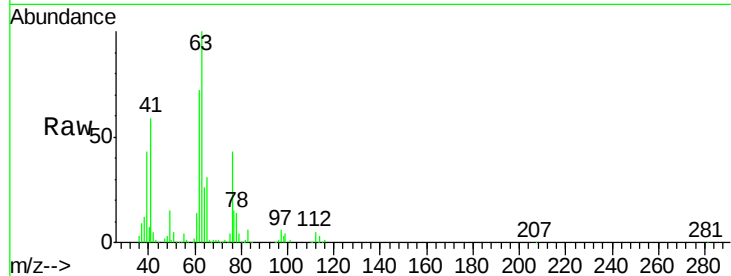
65 31.0 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.831 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

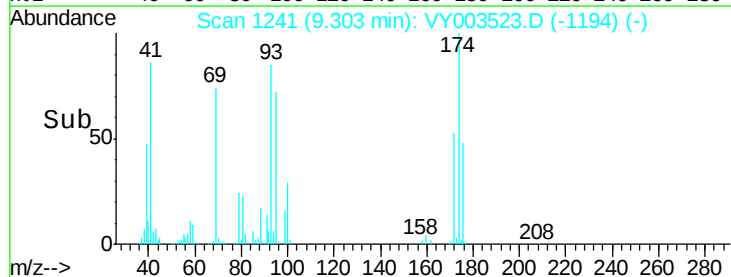
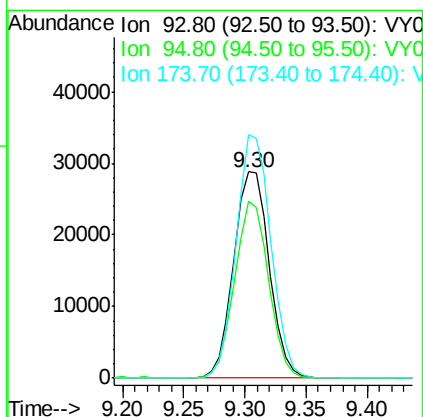
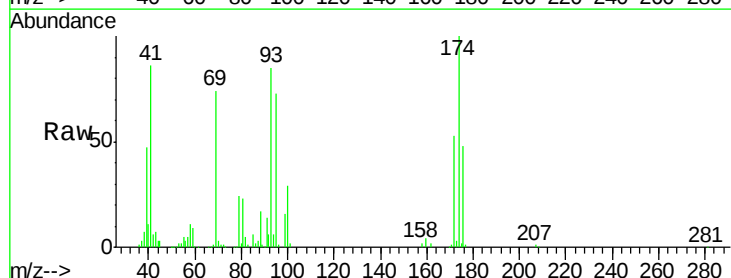
Tgt Ion: 93 Resp: 57964

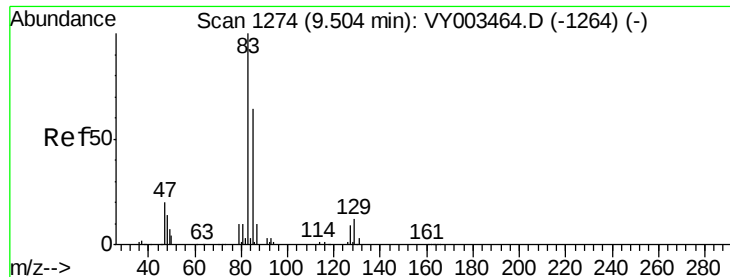
Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.6

174 116.3 91.8 137.6





#47

Bromodichloromethane

Concen: 52.108 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

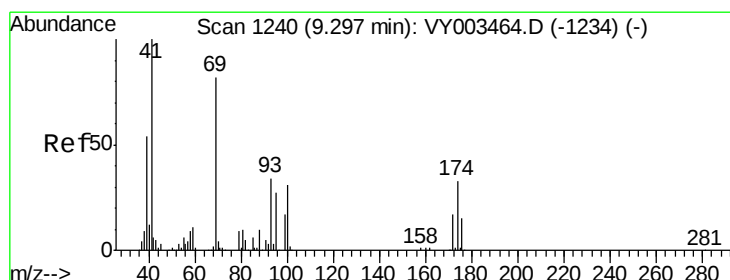
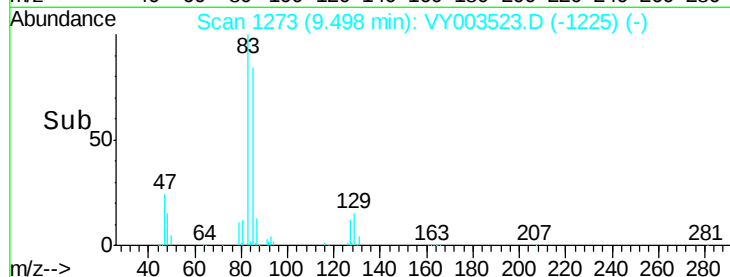
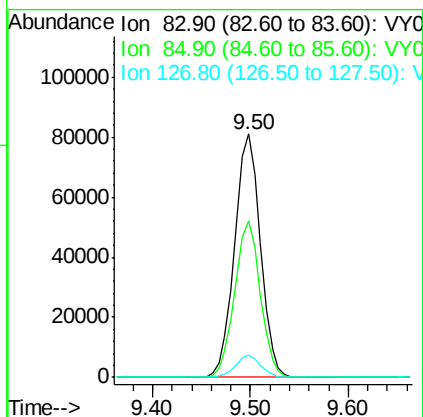
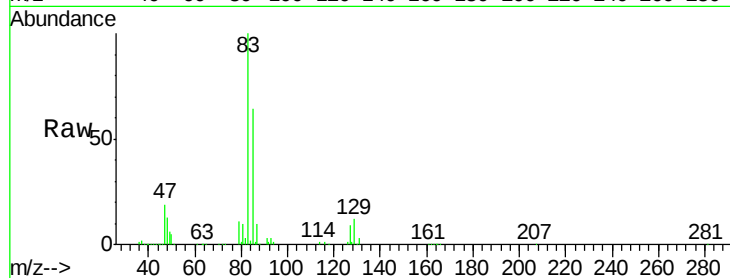
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	148352
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.0	76.6
127	9.2	7.1	10.7

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#48

Methyl methacrylate

Concen: 48.620 ug/l

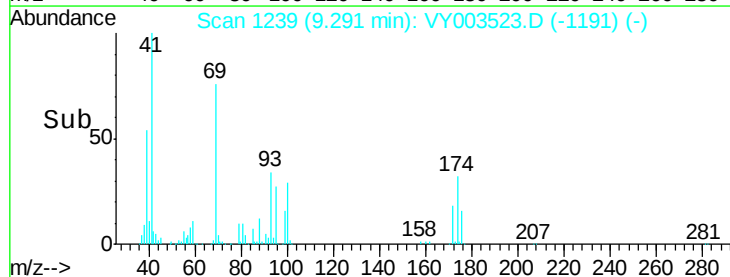
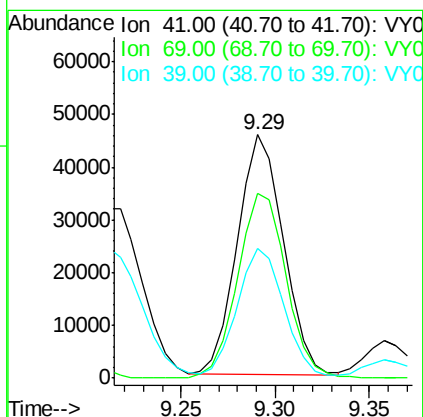
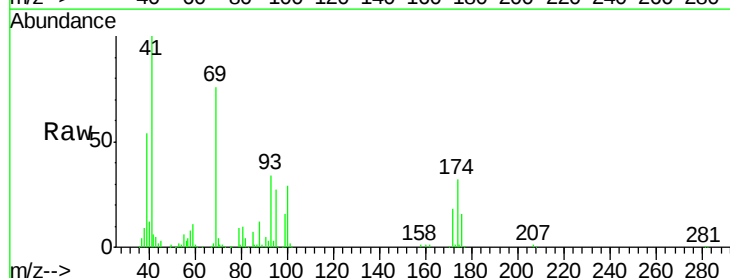
RT: 9.29 min Scan# 1239

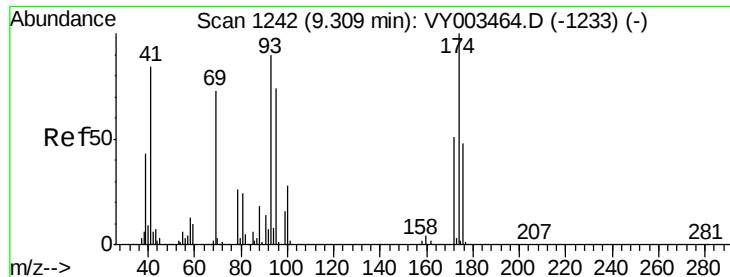
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	41	Resp:	76893
Ion Ratio	Lower	Upper	
41	100		
69	81.5	65.9	98.9
39	56.1	43.2	64.8





#49

1,4-Dioxane

Concen: 956.603 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

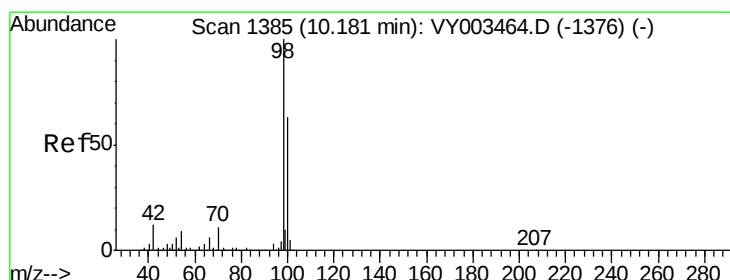
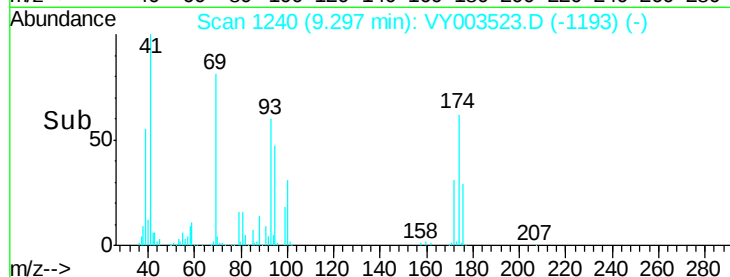
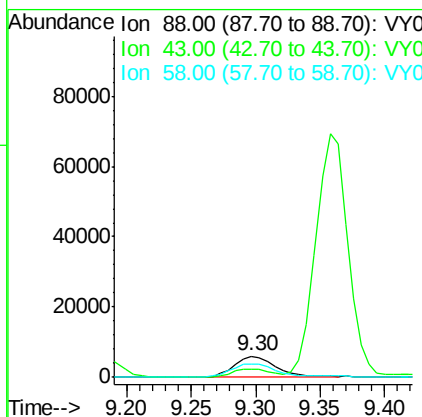
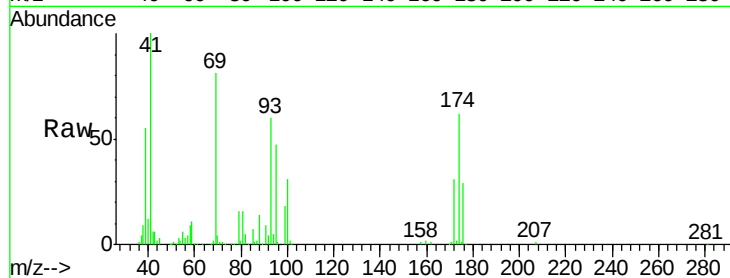
VSTDCCC050

Tot Ion:	88	Resp:	13884
Ion	Ratio	Lower	Upper
88	100		
43	38.6	27.6	41.4
58	70.4	54.2	81.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.859 ug/l

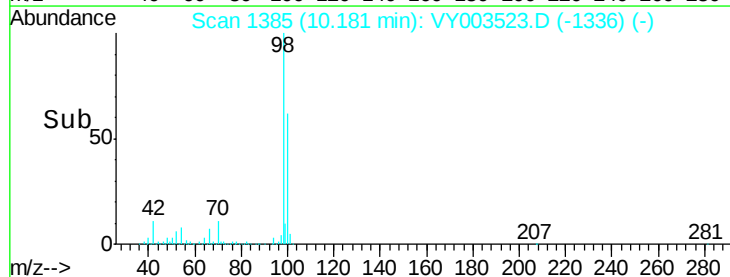
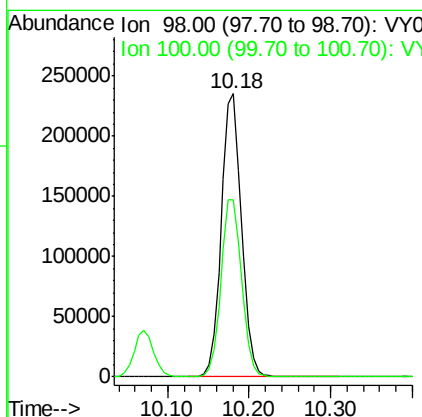
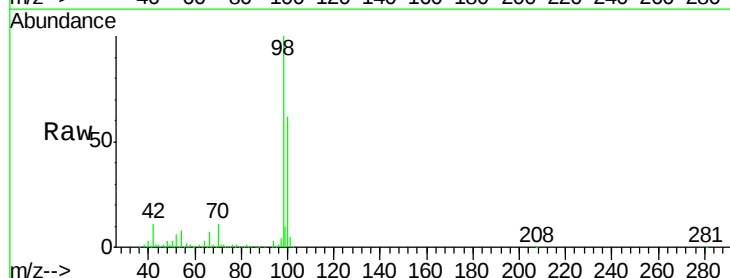
RT: 10.18 min Scan# 1385

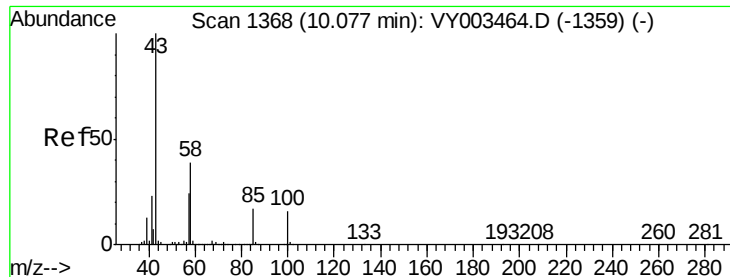
Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	98	Resp:	402742
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





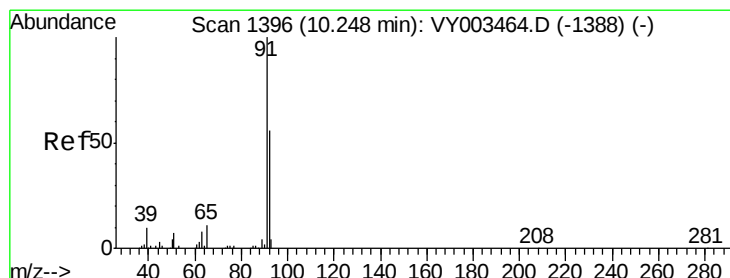
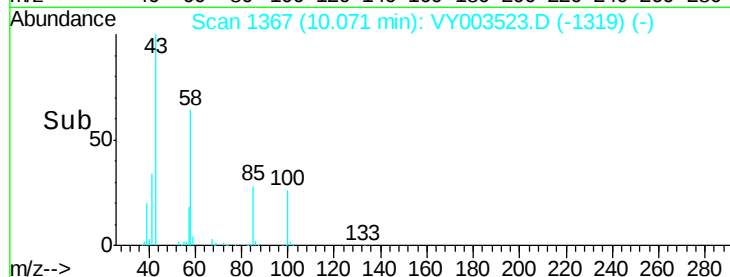
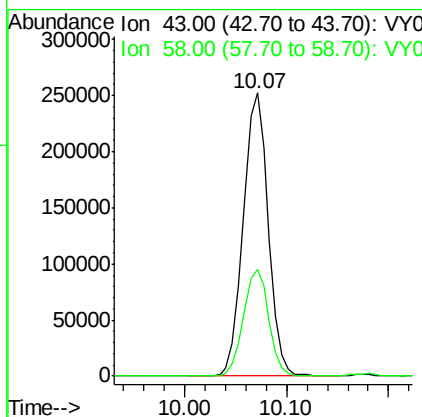
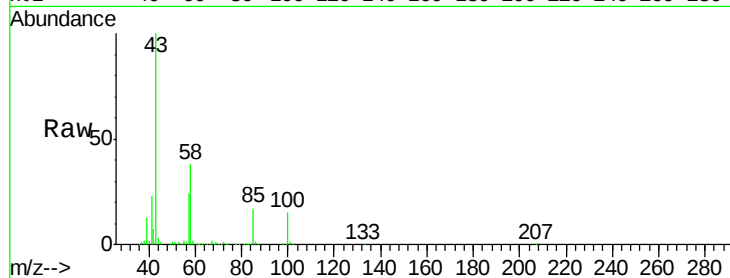
#51
4-Methyl-2-Pentanone
Concen: 239.945 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.0	46.4

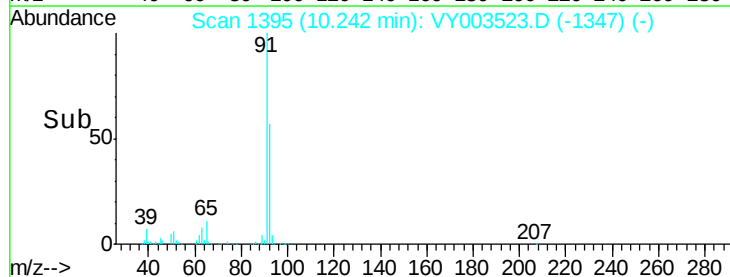
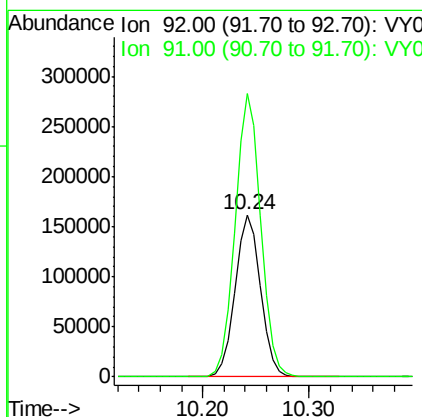
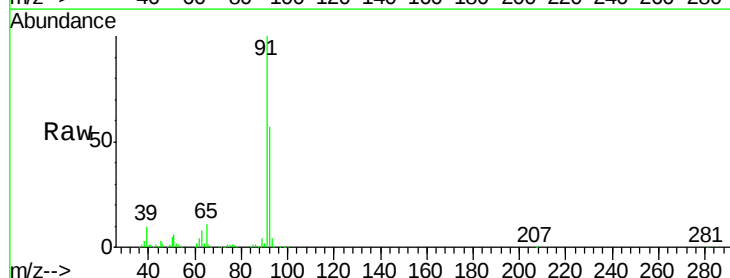
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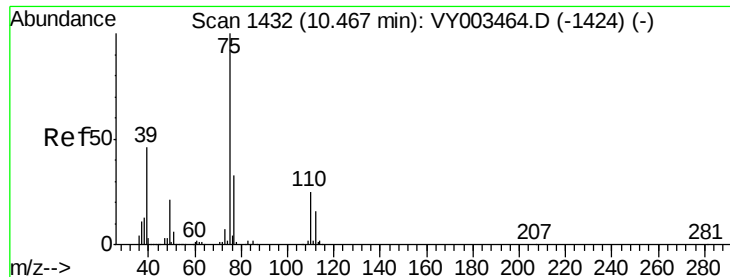
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#52
Toluene
Concen: 51.909 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	140.2	210.4





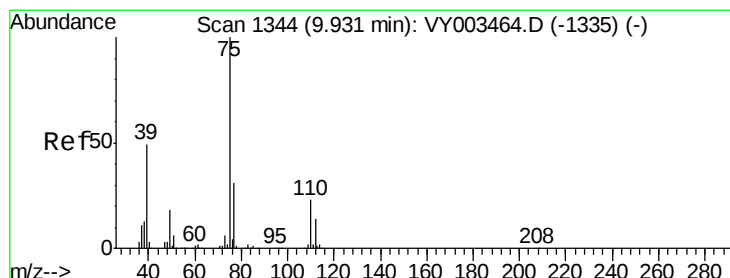
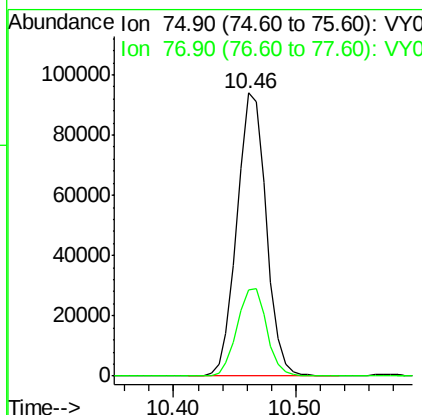
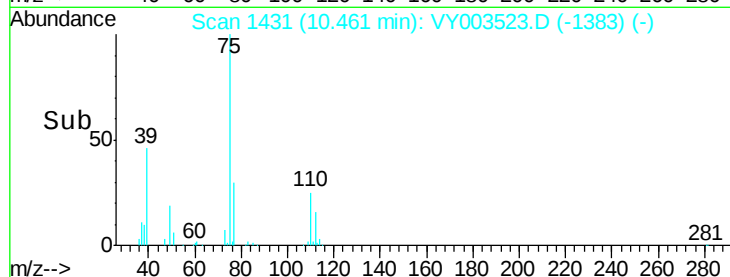
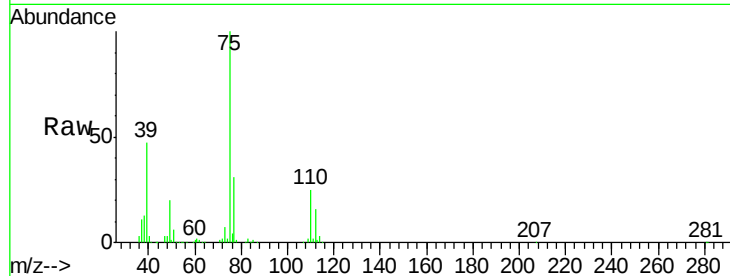
#53
t-1,3-Dichloropropene
Concen: 51.283 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 155377
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.4

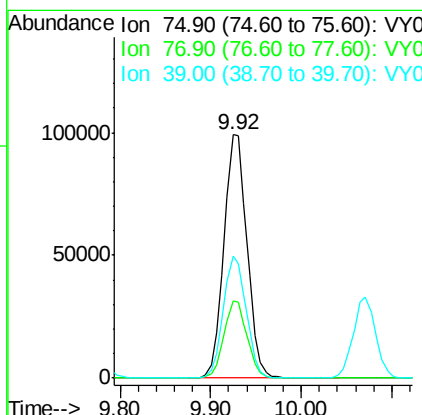
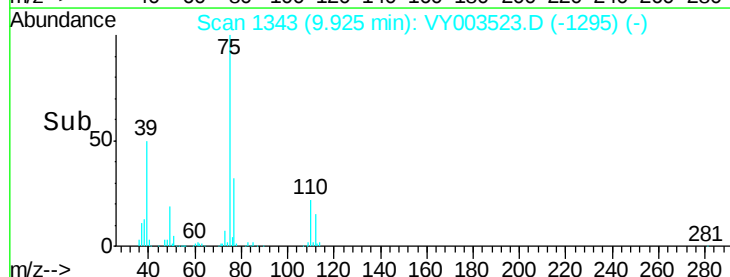
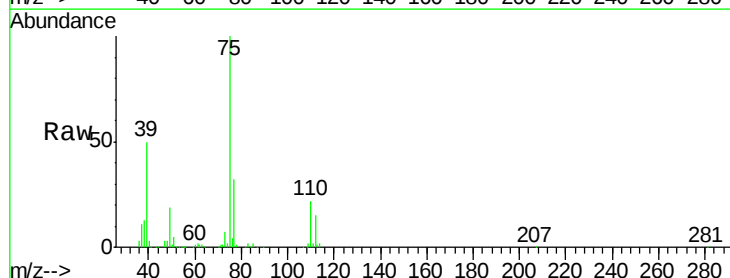
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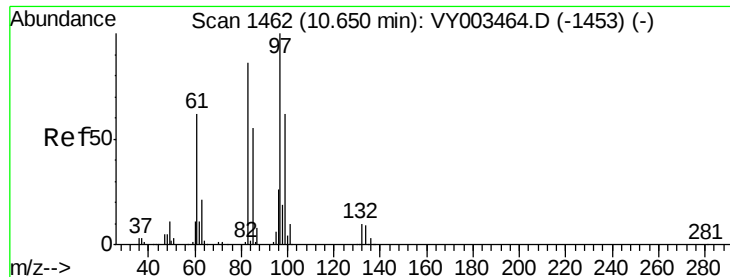
SAM
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#54
cis-1,3-Dichloropropene
Concen: 51.557 ug/l
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 75 Resp: 175779
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 49.9 39.0 58.4





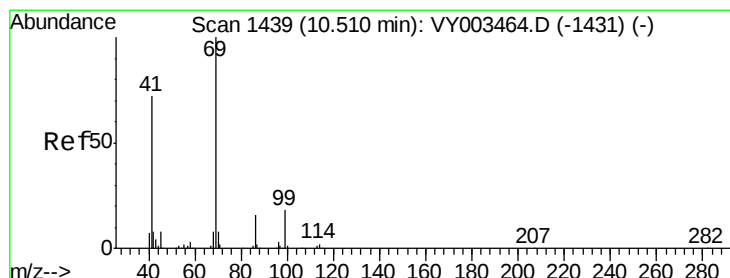
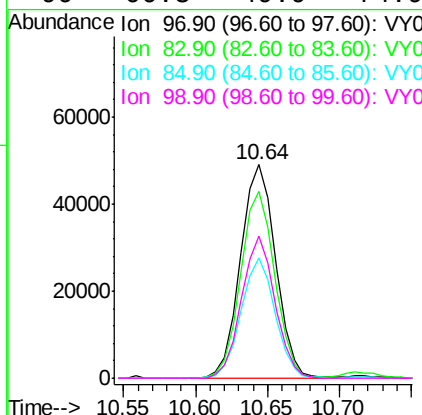
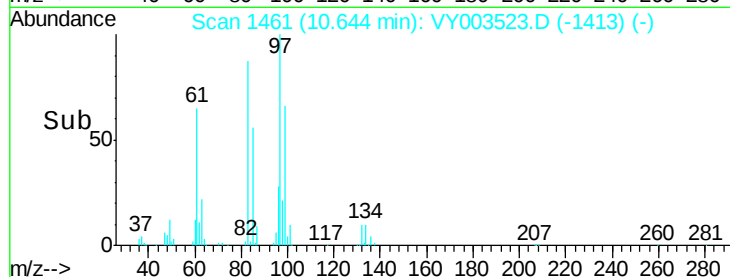
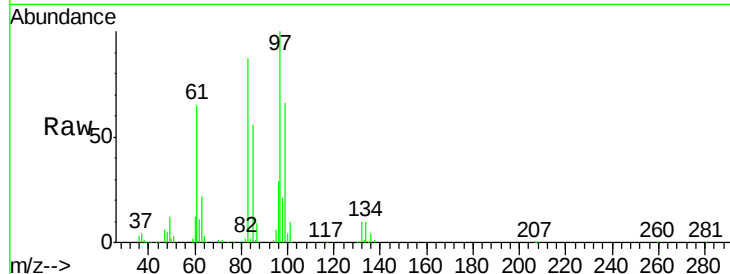
#55
 1,1,2-Trichloroethane
 Concen: 50.256 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	82983
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.6	102.8
85	56.2	43.8	65.6
99	66.3	49.9	74.9

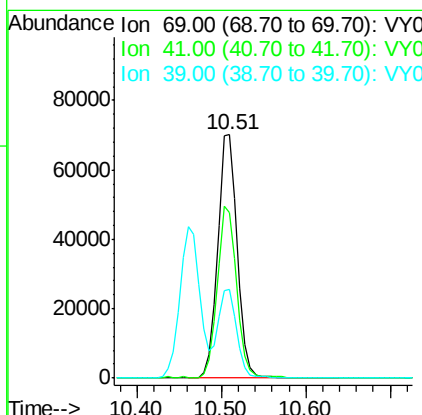
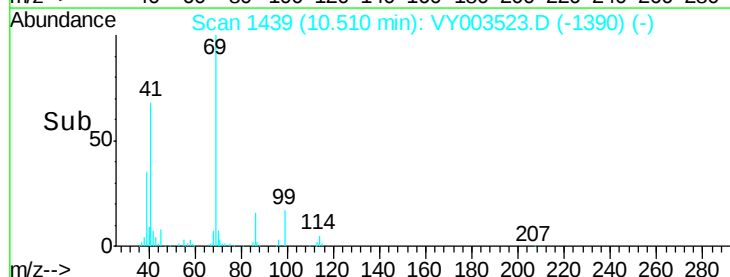
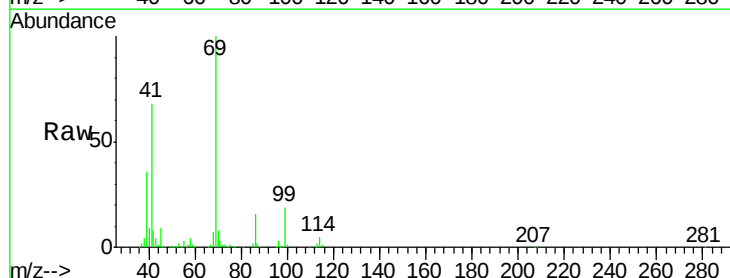
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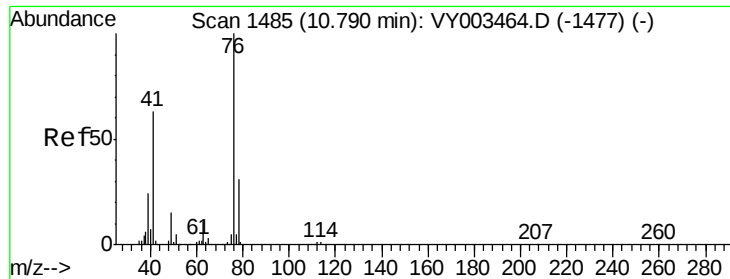
SAM
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#56
 Ethyl methacrylate
 Concen: 50.899 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion:	69	Resp:	112574
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.4	83.2
39	35.5	28.7	43.1





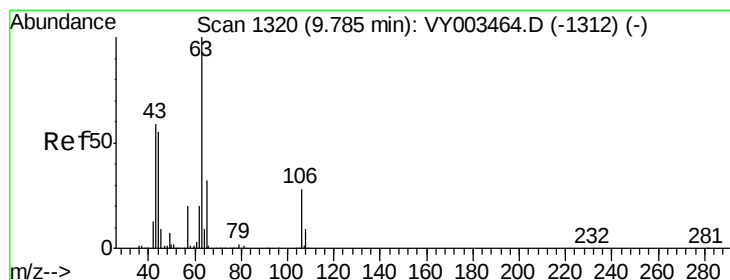
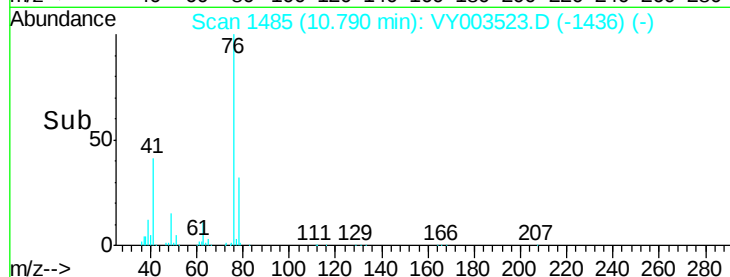
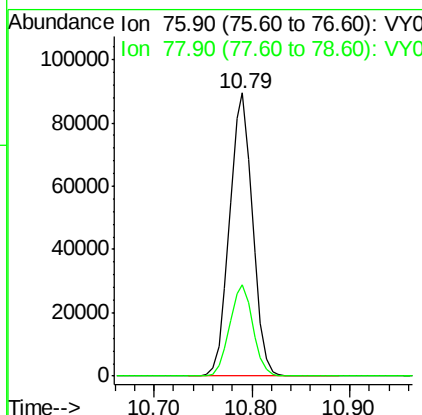
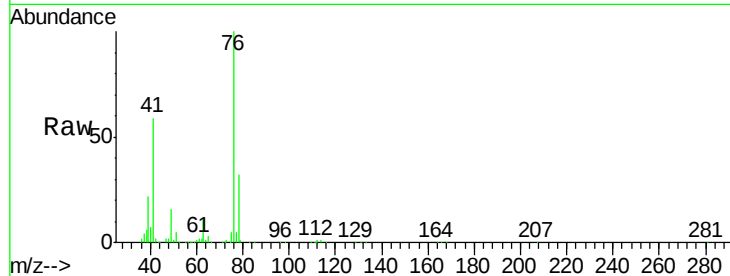
#57
 1,3-Dichloropropane
 Concen: 50.853 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 146008
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

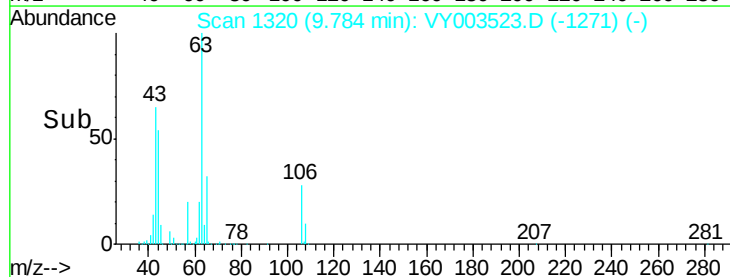
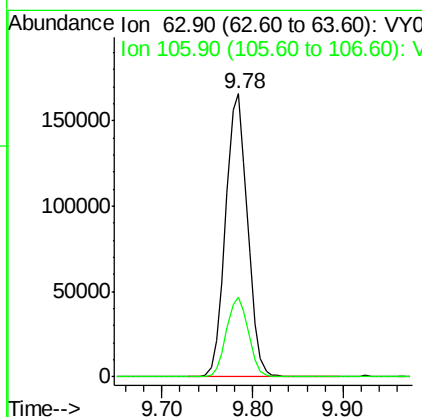
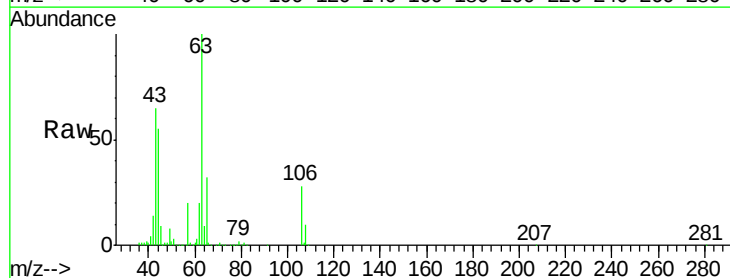
Manual Integrations
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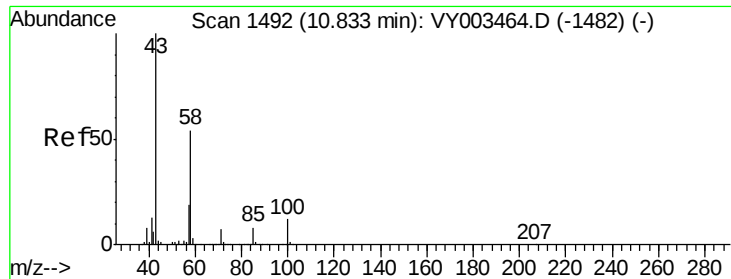
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.315 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 63 Resp: 278411
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.3 33.5





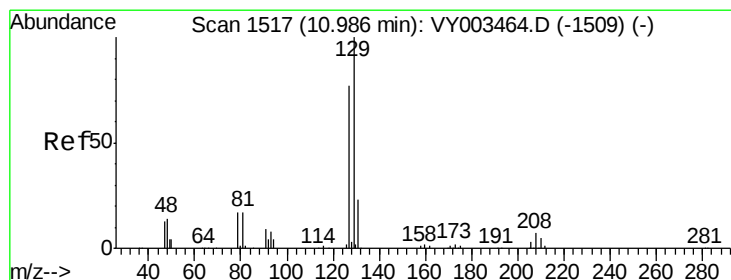
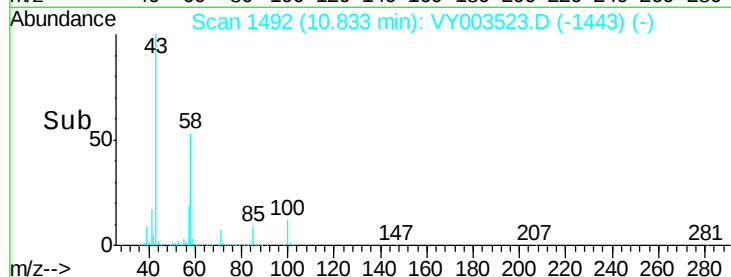
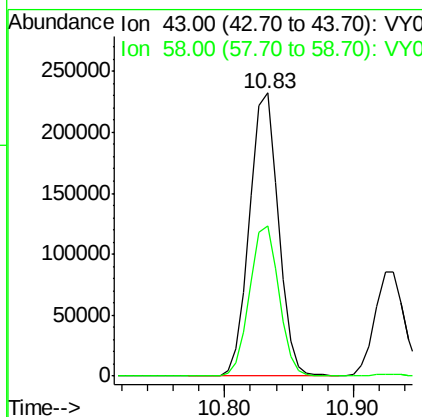
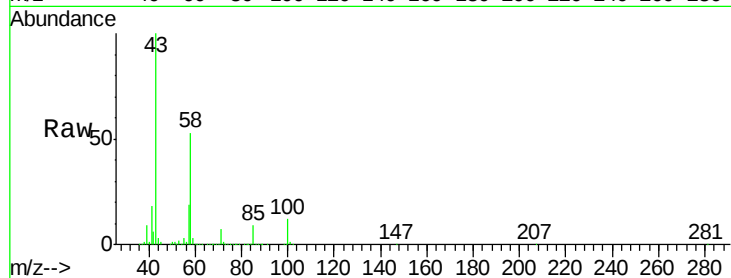
#59
2-Hexanone
Concen: 271.399 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 359450
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.3

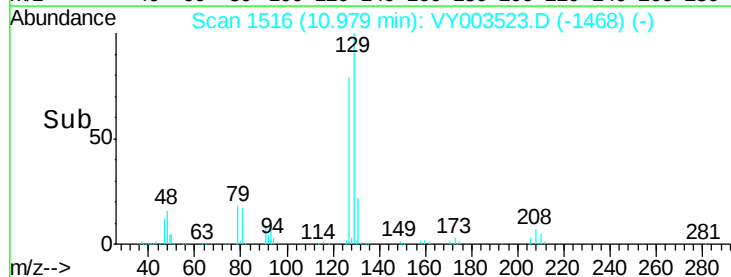
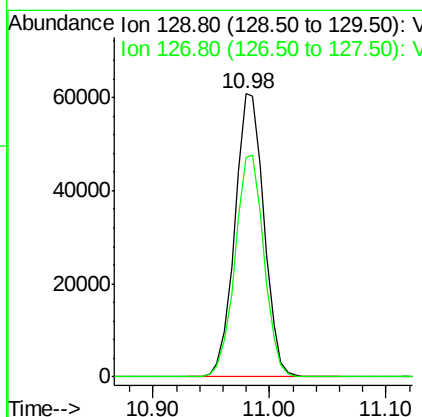
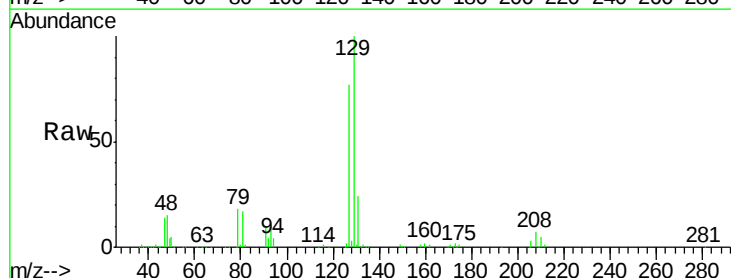
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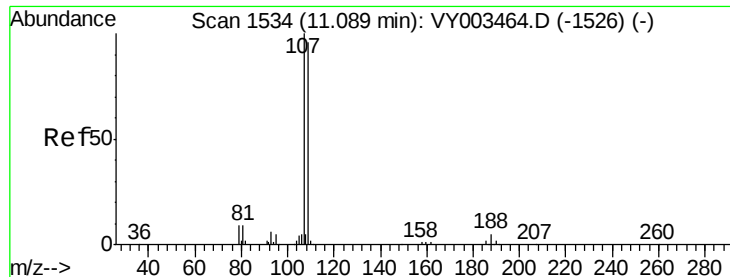
SAM
11/13/2020 6:13:28 PM



#60
Dibromochloromethane
Concen: 52.197 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 129 Resp: 105931
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3





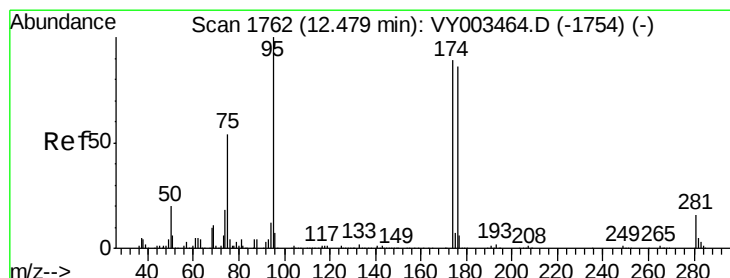
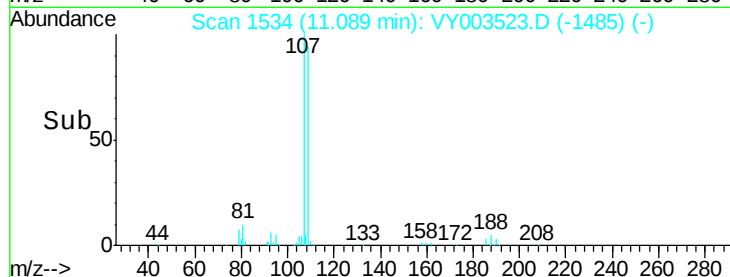
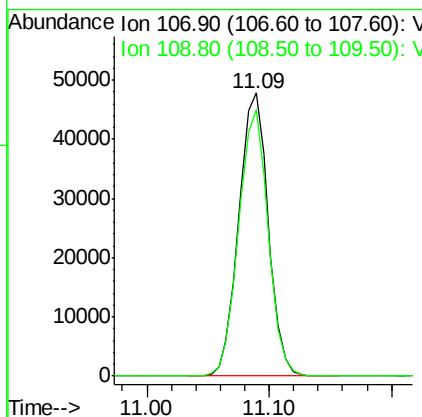
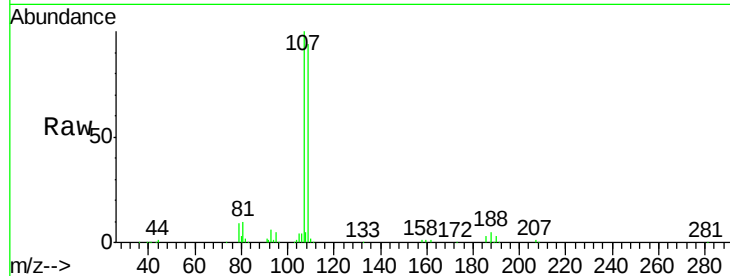
#61
 1,2-Dibromoethane
 Concen: 49.998 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 79703
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.5 114.7

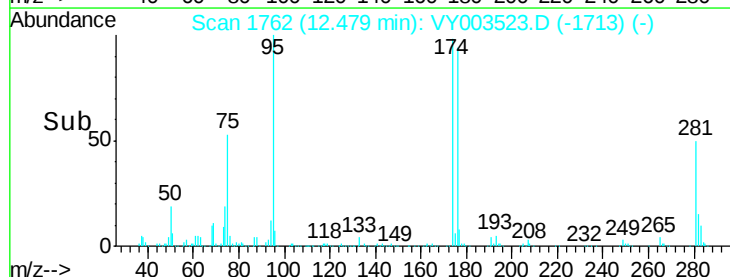
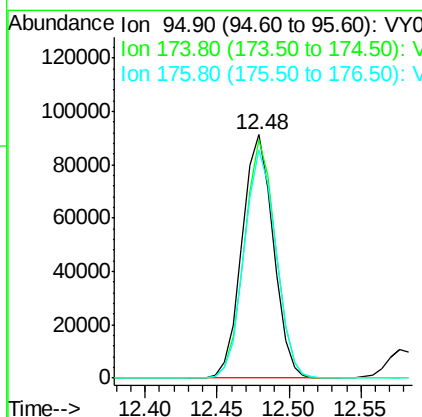
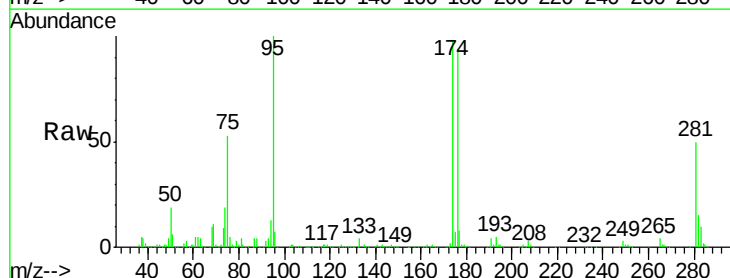
Manual Integrations
 APPROVED

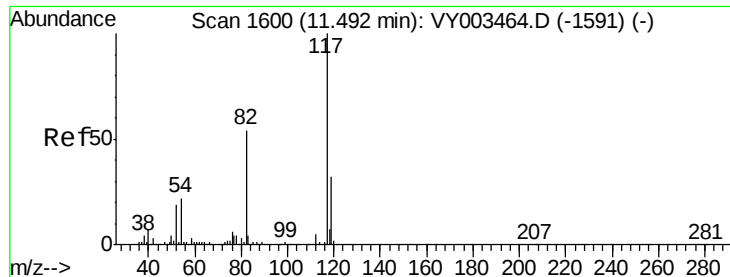
SAM
 11/13/2020 6:13:28 PM



#62
 4-Bromofluorobenzene
 Concen: 51.404 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 95 Resp: 137577
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 193.0
 176 94.5 0.0 187.4





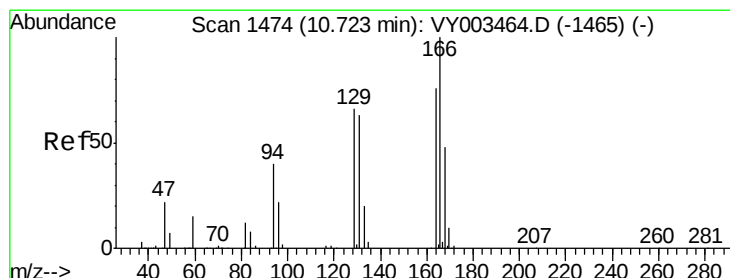
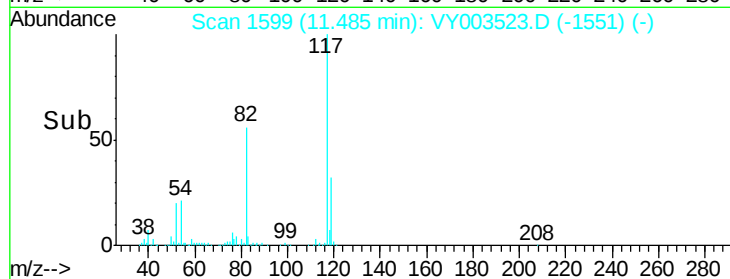
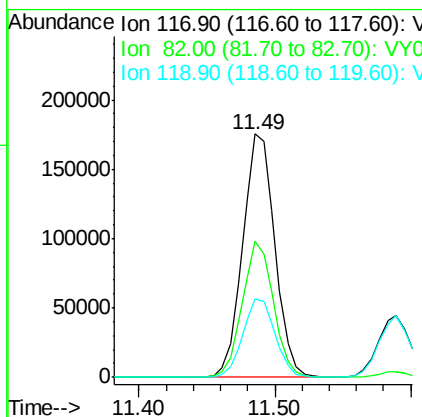
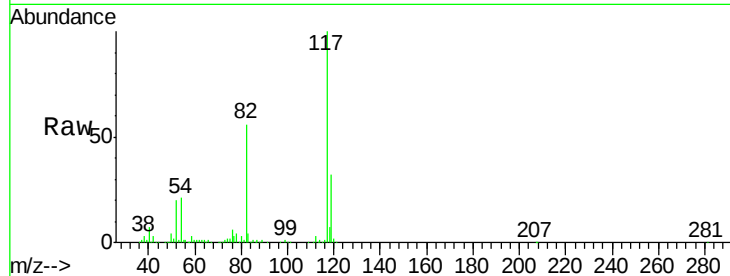
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289550		
82	55.7	43.4	65.2	
119	32.3	25.8	38.6	

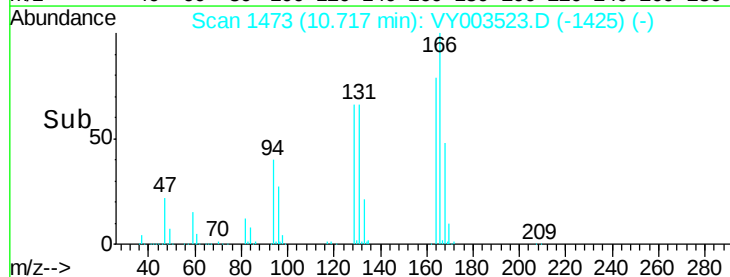
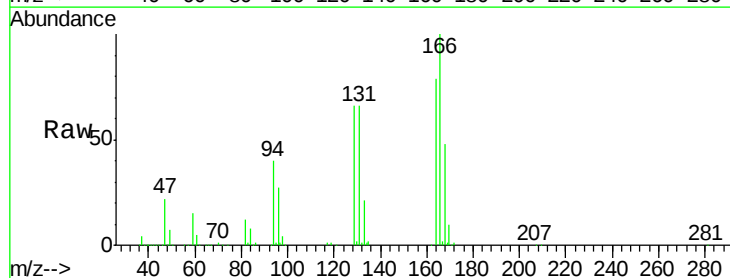
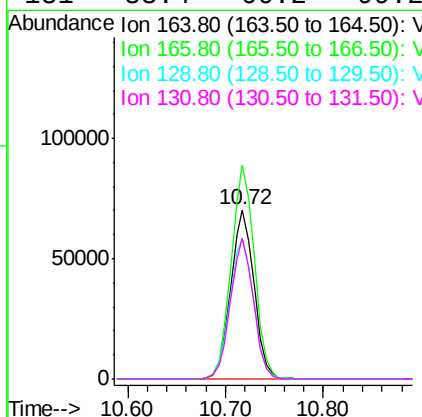
Manual Integrations
APPROVED

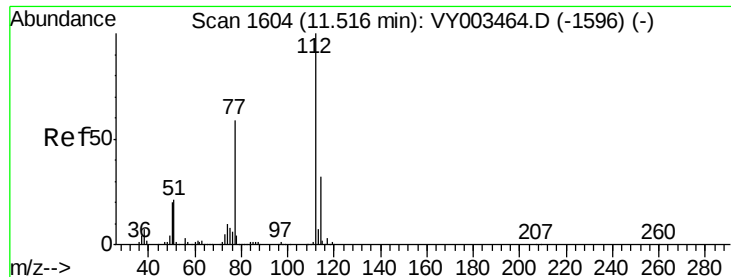
SAM
11/13/2020 6:13:28 PM



#64
Tetrachloroethene
Concen: 53.344 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115350		
166	126.0	104.9	157.3	
129	83.1	68.9	103.3	
131	83.4	66.2	99.2	





#65

Chlorobenzene

Concen: 52.086 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 292997

Ion Ratio Lower Upper

112 100

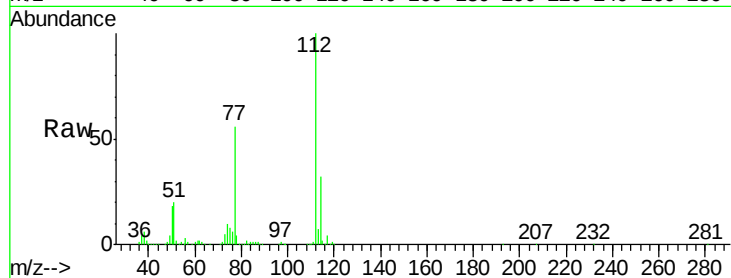
114 32.5 25.5 38.3

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

200000

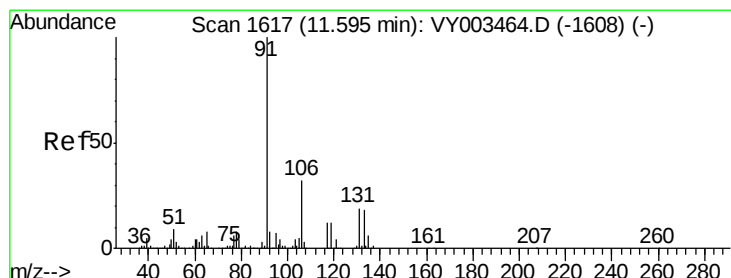
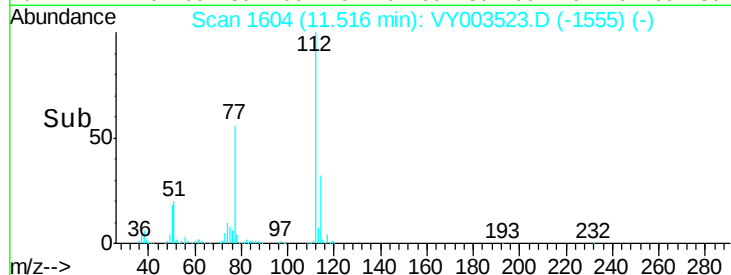
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 52.922 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

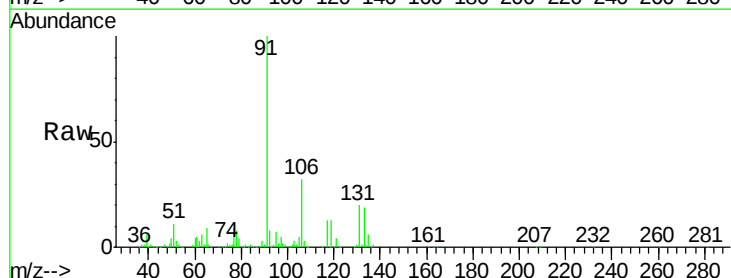
Tgt Ion:131 Resp: 112271

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.2

119 63.1 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

80000

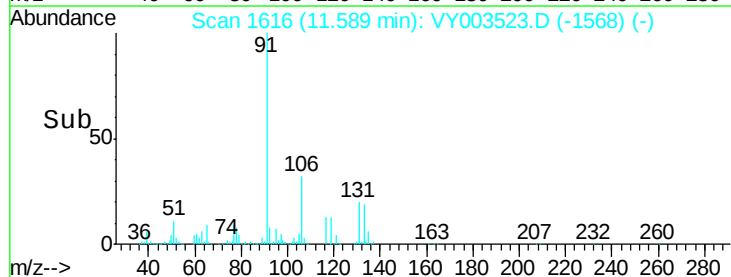
60000

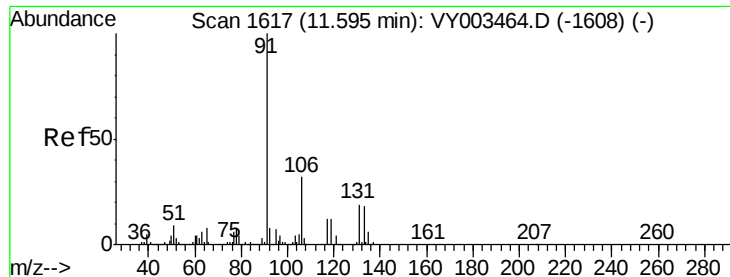
40000

20000

0

Time--> 11.50 11.60





#67

Ethyl Benzene

Concen: 52.646 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 537001

Ion Ratio Lower Upper

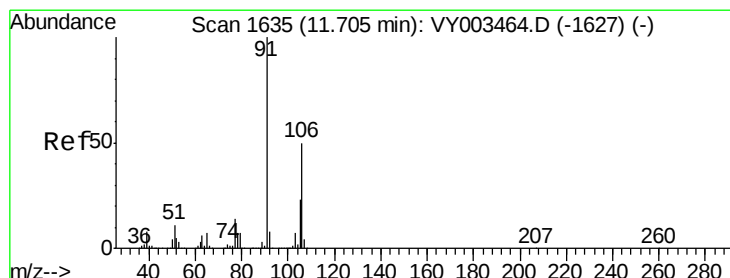
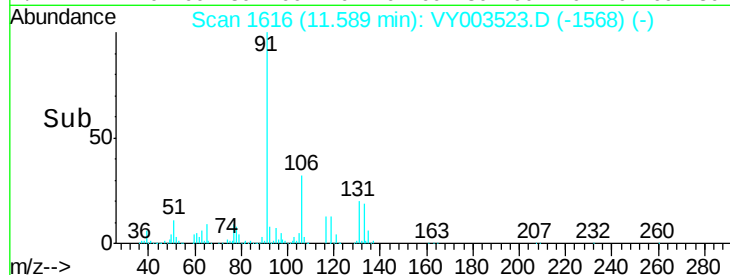
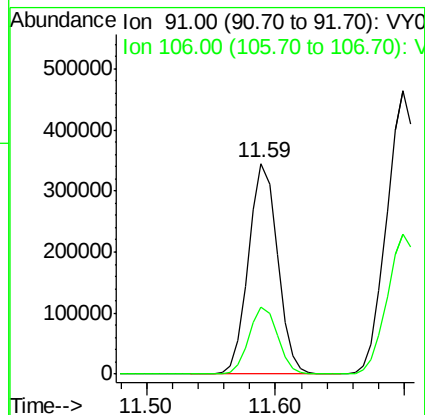
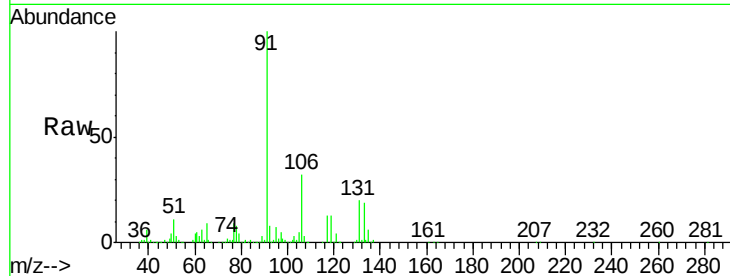
91 100

106 31.5 25.4 38.0

Manual Integrations
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SAM

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#68

m/p-Xylenes

Concen: 106.348 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003523.D

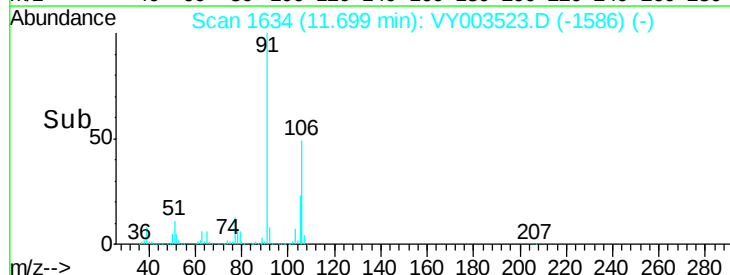
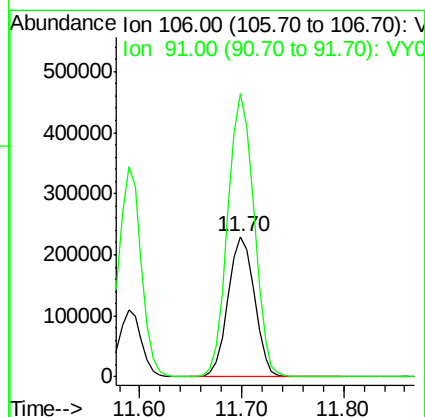
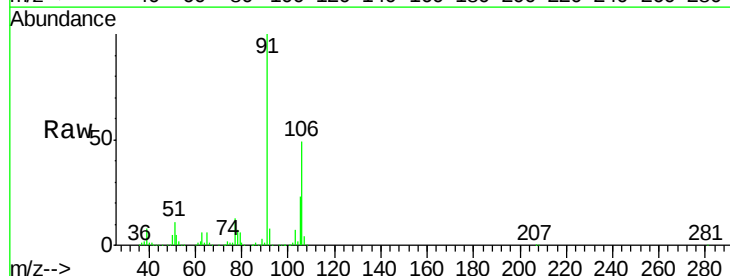
Acq: 12 Nov 2020 09:54

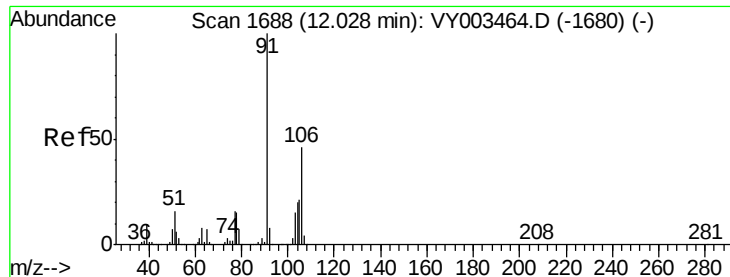
Tgt Ion: 106 Resp: 411076

Ion Ratio Lower Upper

106 100

91 201.7 161.0 241.6





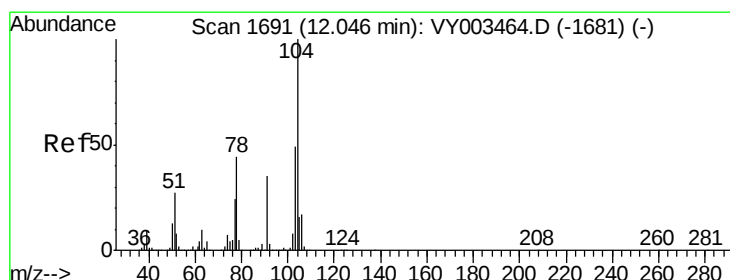
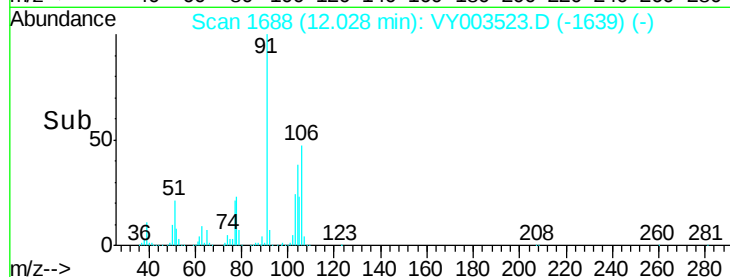
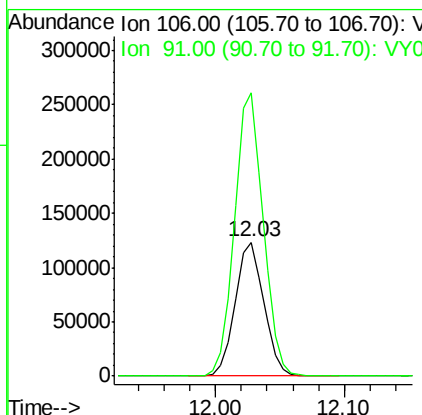
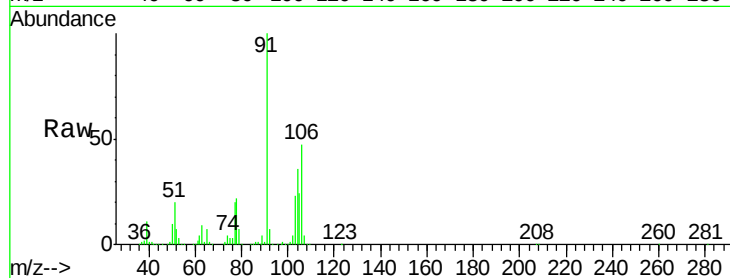
#69
o-Xylene
Concen: 53.549 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 190404
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5

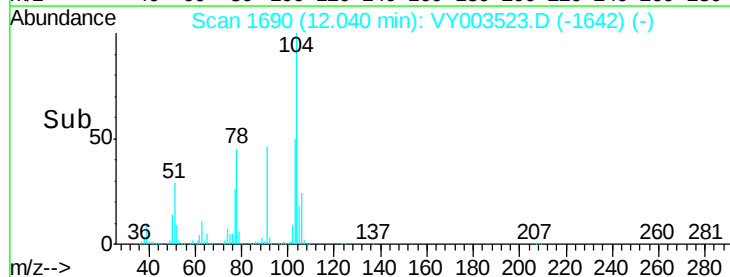
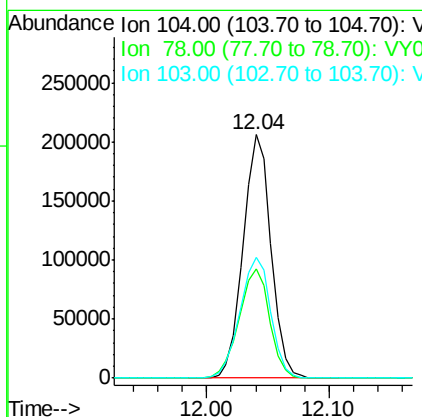
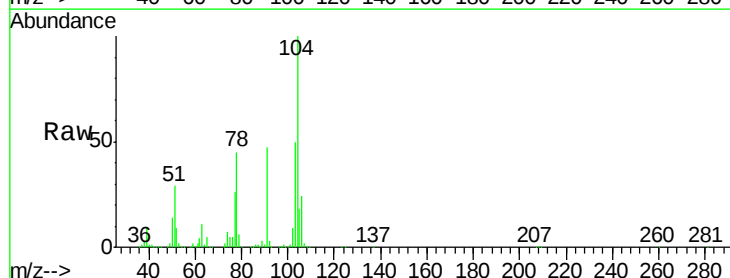
Manual Integrations
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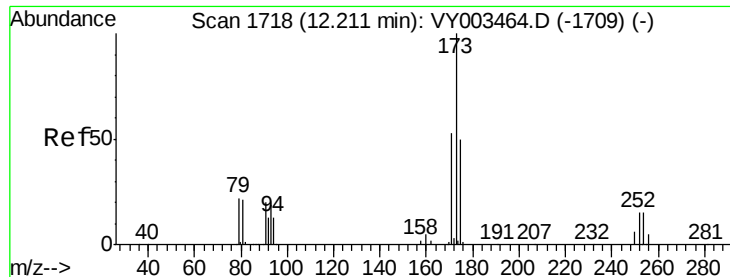
SAM
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#70
Styrene
Concen: 53.947 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:104 Resp: 325691
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.8 44.2 66.2





#71

Bromoform

Concen: 51.282 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 72514

Ion Ratio Lower Upper

173 100

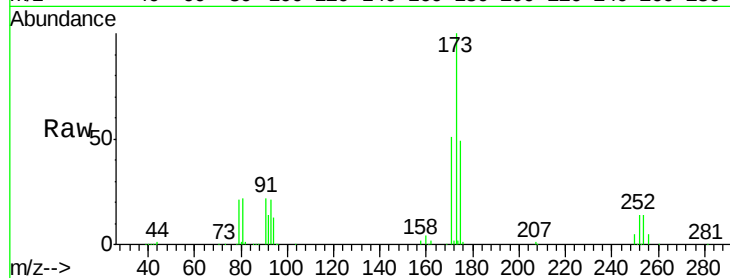
175 48.4 24.7 74.1

254 0.1 0.2 0.2#

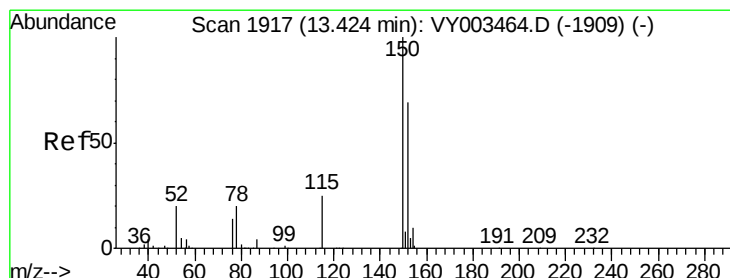
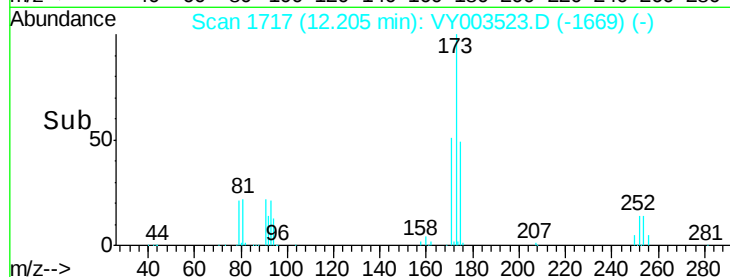
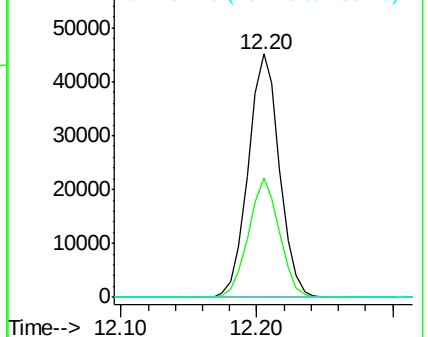
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

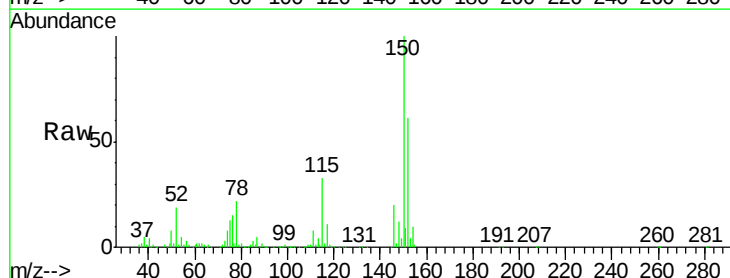
Tgt Ion:152 Resp: 158565

Ion Ratio Lower Upper

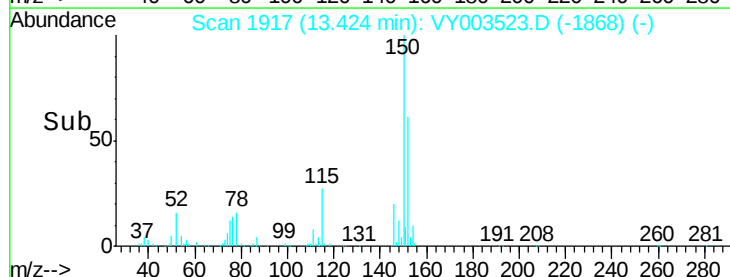
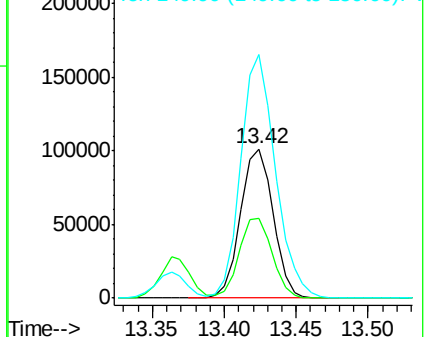
152 100

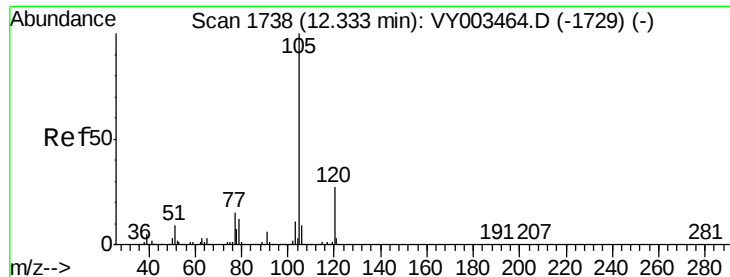
115 54.2 27.5 82.4

150 174.0 0.0 345.8



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





#73

Isopropylbenzene

Concen: 51.793 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 536472

Ion Ratio Lower Upper

105 100

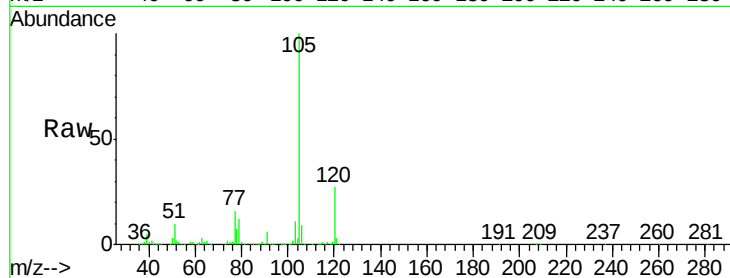
120 27.2 13.5 40.5

Manual Integrations

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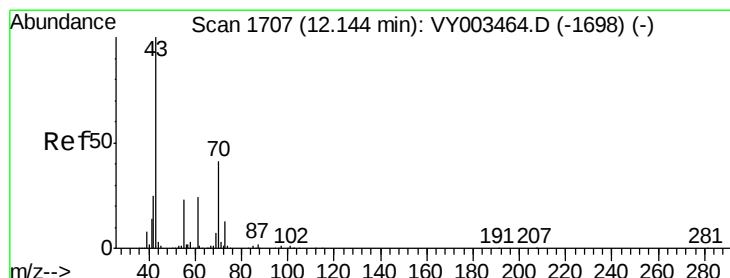
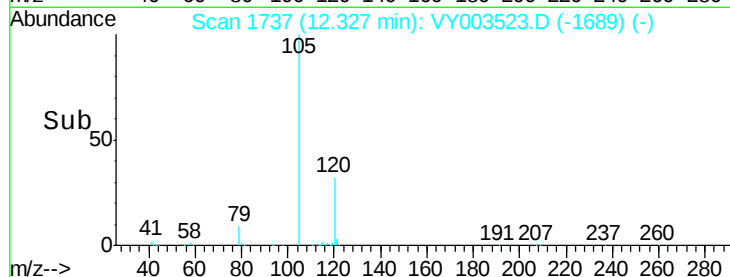
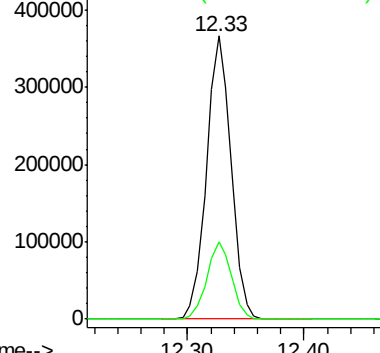
SAM

11/13/2020 6:13:28 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.170 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion: 43 Resp: 141331

Ion Ratio Lower Upper

43 100

70 41.1 33.1 49.7

55 24.1 19.2 28.8

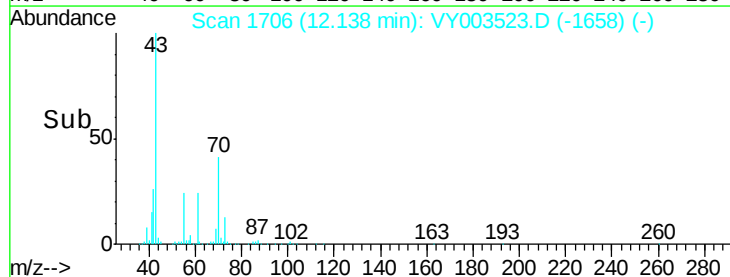
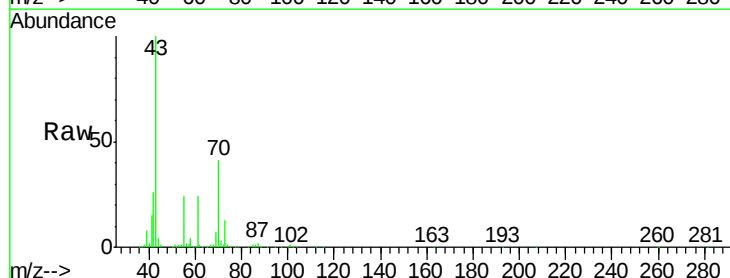
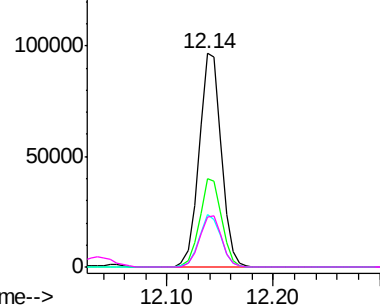
61 24.1 19.0 28.6

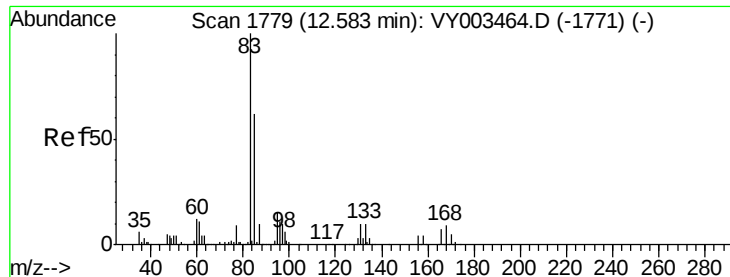
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.291 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

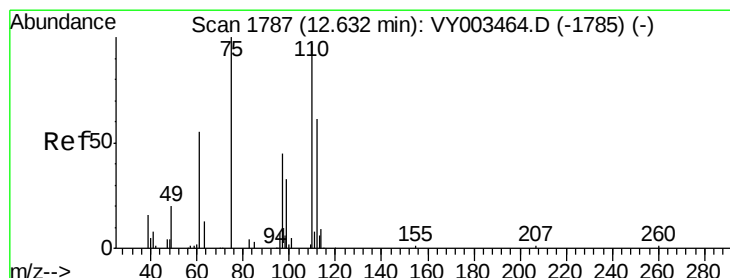
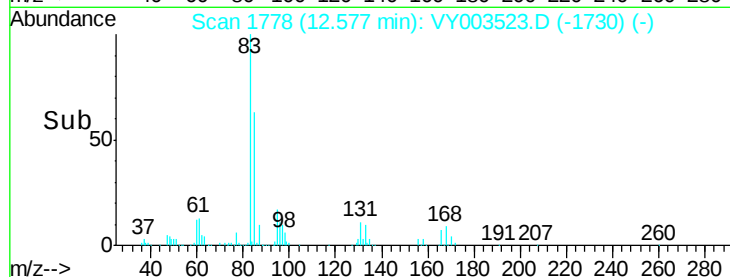
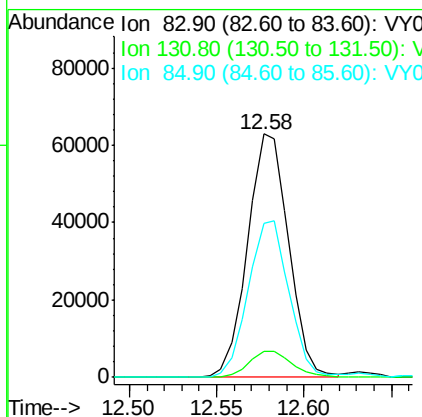
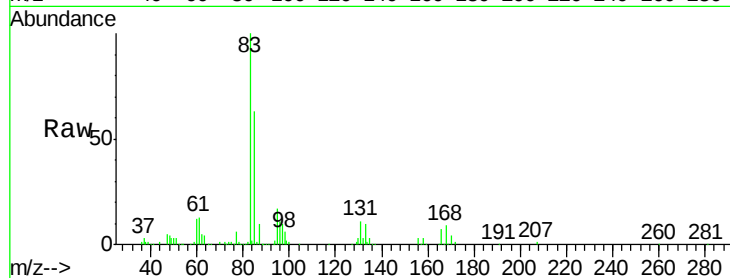
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	102417
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.008 ug/l m

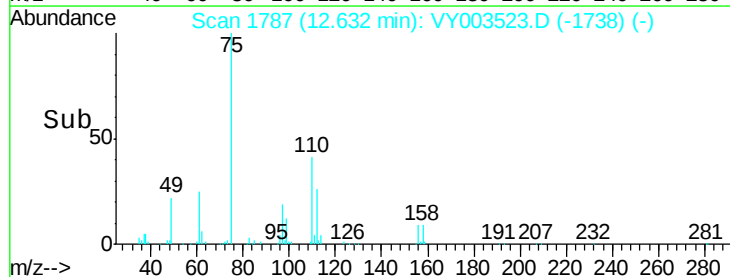
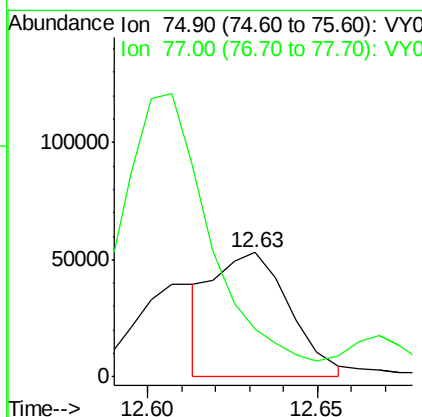
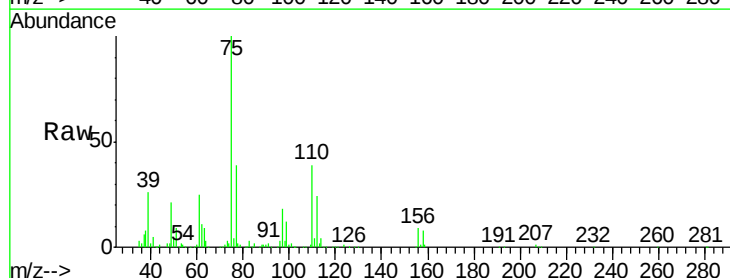
RT: 12.63 min Scan# 1787

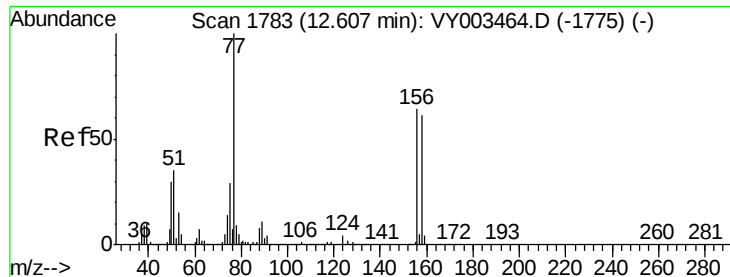
Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	75	Resp:	82222
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.353 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

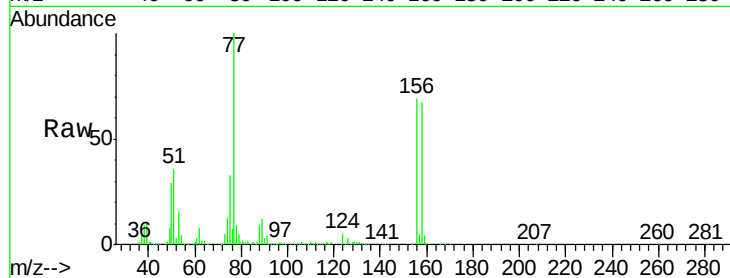
VSTDCCC050

Tot Ion:	156	Resp:	132515
Ion Ratio	Lower	Upper	
156	100		
77	170.0	87.0	260.9
158	98.2	48.7	146.1

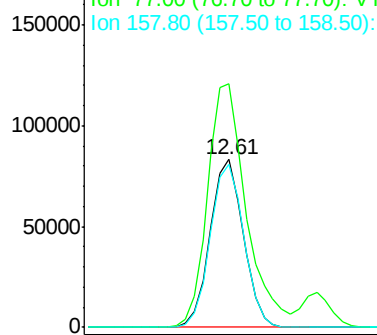
Manual Integrations
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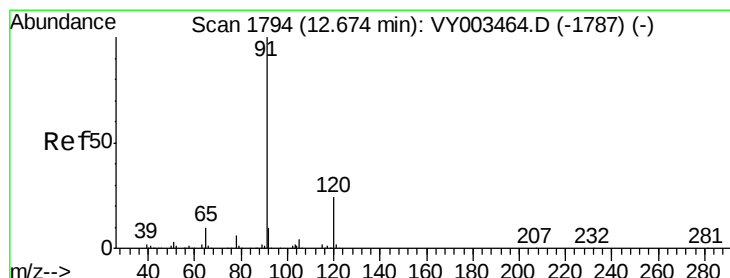
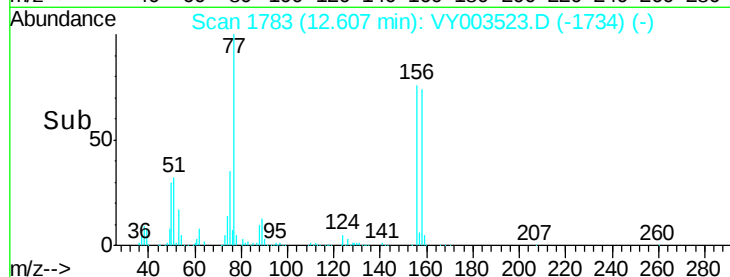
11/13/2020 6:13:28 PM



Abundance Ion 155.80 (155.50 to 156.50): VY003464.D (-1775) (-)



Time-->



#78

n-propylbenzene

Concen: 51.699 ug/l

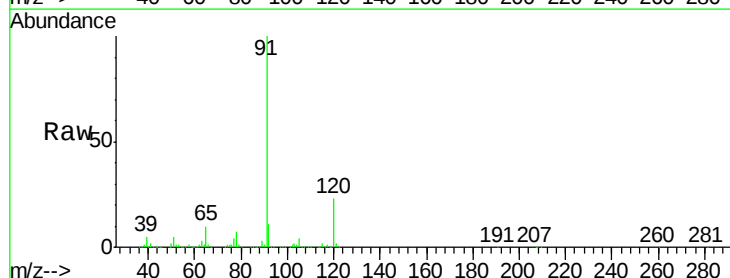
RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

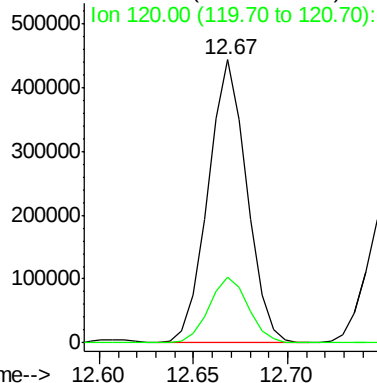
Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

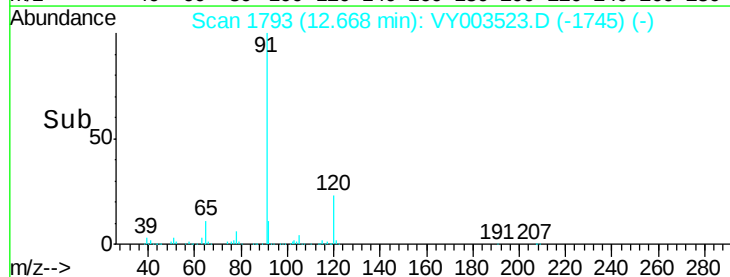
Tgt Ion:	91	Resp:	630763
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1

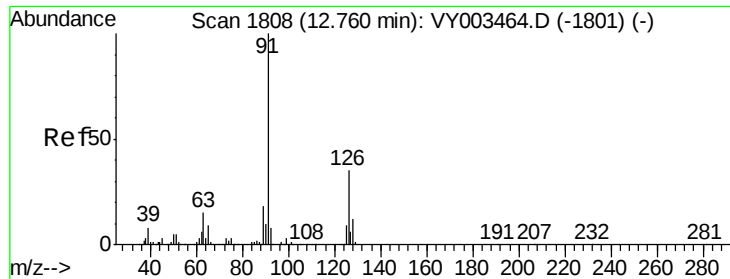


Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1787) (-)



Time-->





#79

2-Chlorotoluene

Concen: 51.345 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 349993

Ion Ratio Lower Upper

91 100

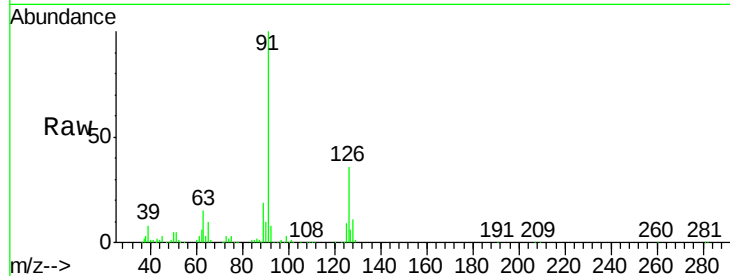
126 35.6 17.8 53.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY003464.D (-1801) (-)

400000

300000

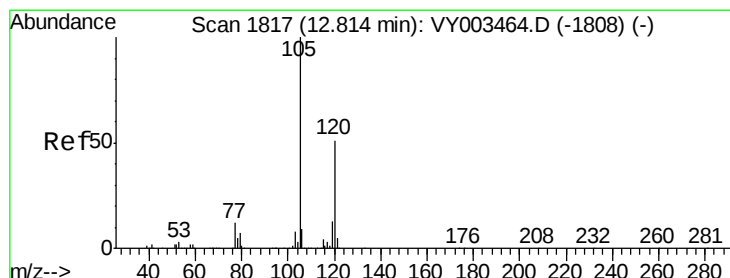
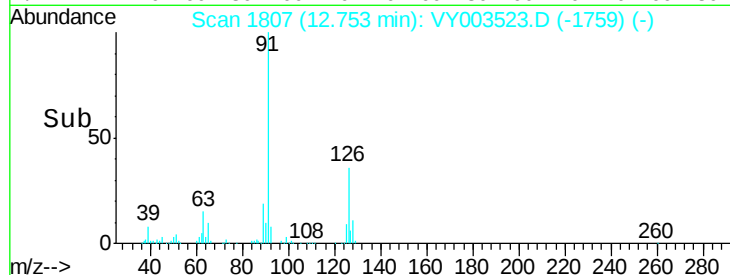
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.355 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003523.D

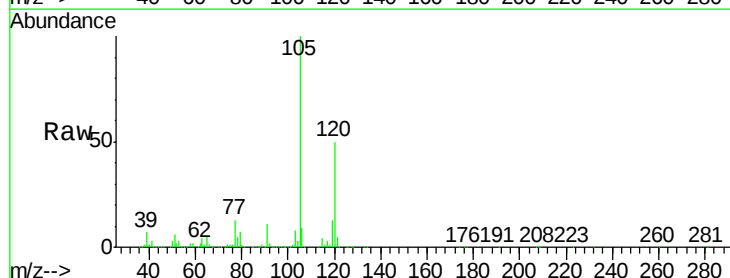
Acq: 12 Nov 2020 09:54

Tgt Ion: 105 Resp: 457897

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003464.D (-1808) (-)

300000

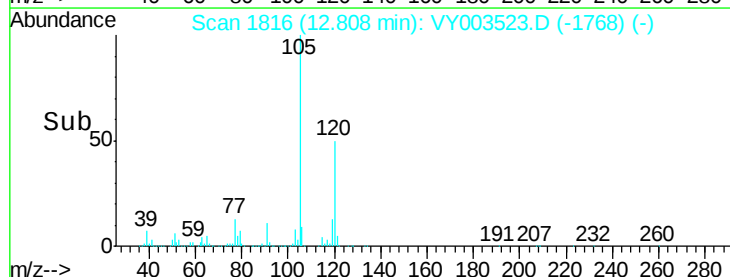
200000

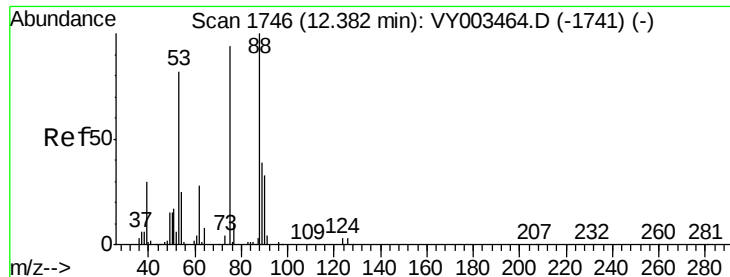
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.579 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

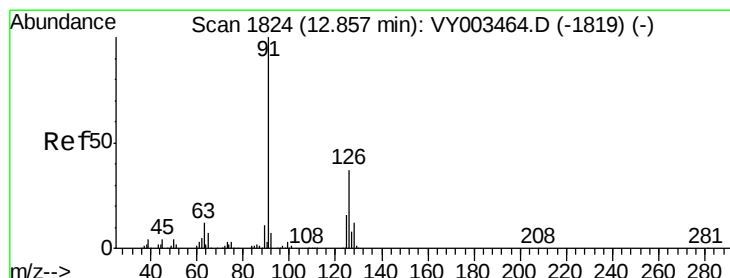
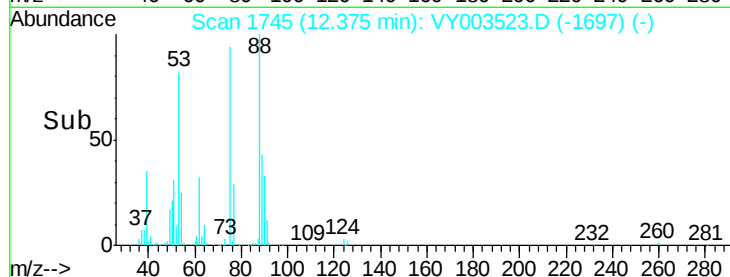
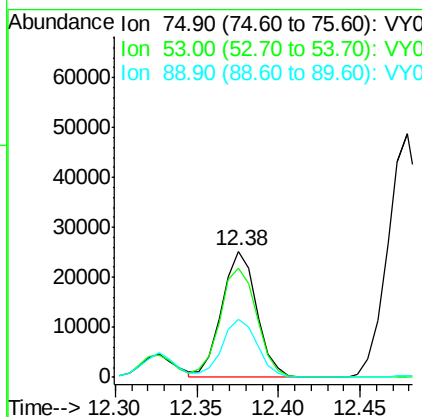
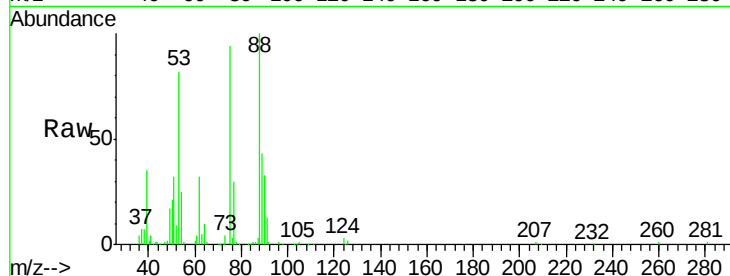
VSTDCCC050

Tot Ion:	75	Resp:	37442
Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.7	112.1
89	46.0	35.8	53.8

Manual Integrations
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SAM

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#82

4-Chlorotoluene

Concen: 51.436 ug/l

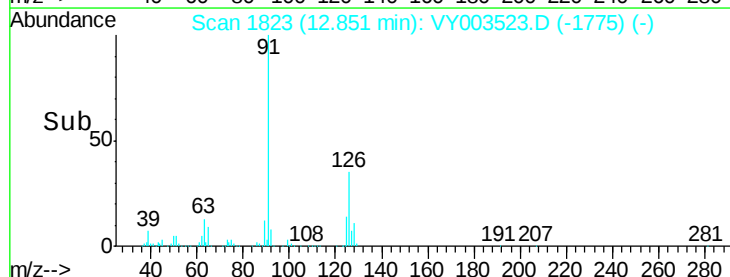
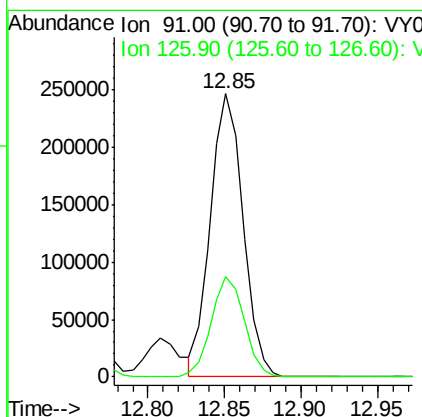
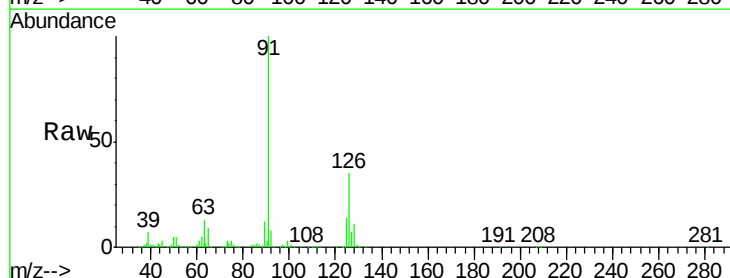
RT: 12.85 min Scan# 1823

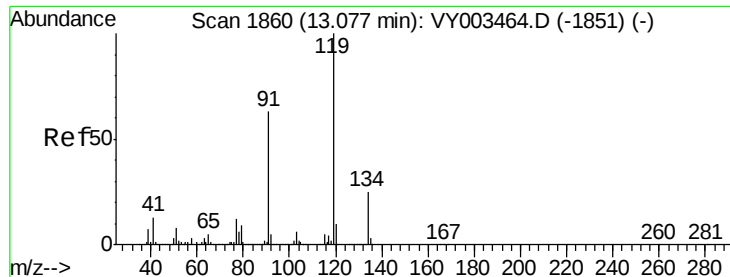
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	91	Resp:	366393
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.8





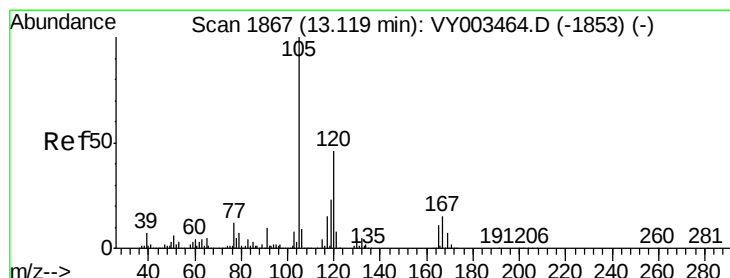
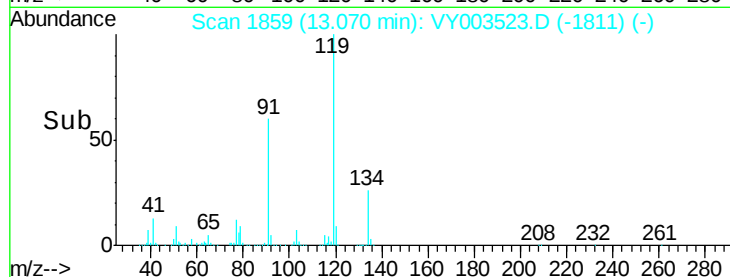
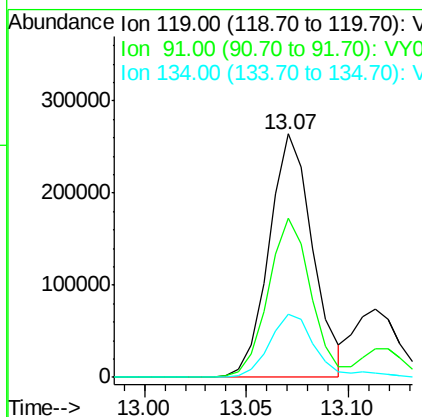
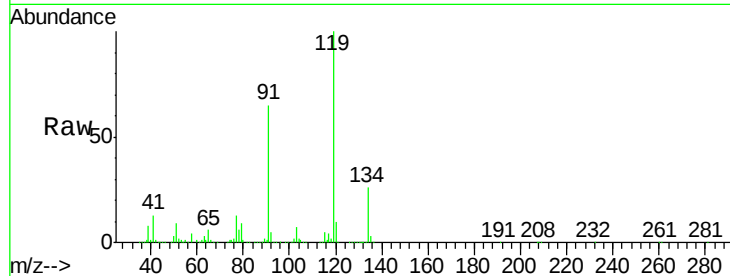
#83
tert-Butylbenzene
Concen: 51.838 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	394560		
91	64.7	31.1	93.2	
134	27.8	13.4	40.1	

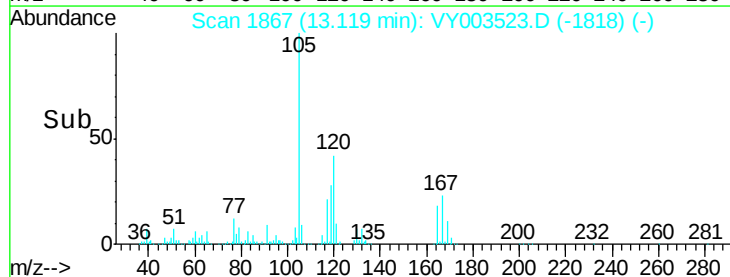
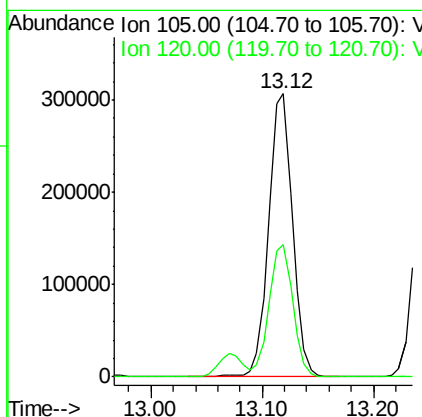
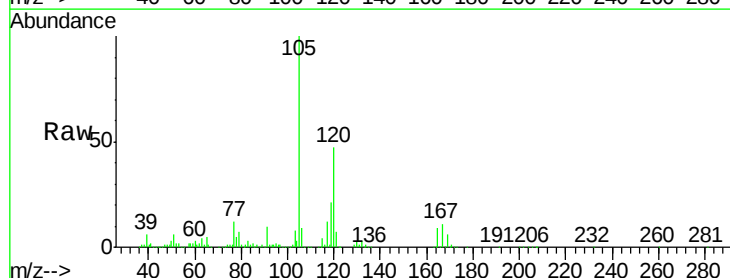
Manual Integrations
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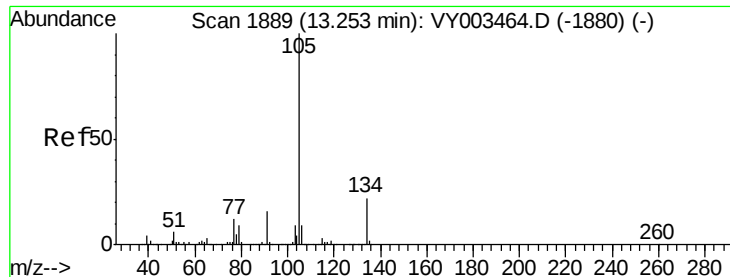
SAM
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#84
1,2,4-Trimethylbenzene
Concen: 53.426 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	458251		
120	46.4	22.9	68.8	





#85

sec-Butylbenzene

Concen: 53.626 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 552671

Ion Ratio Lower Upper

105 100

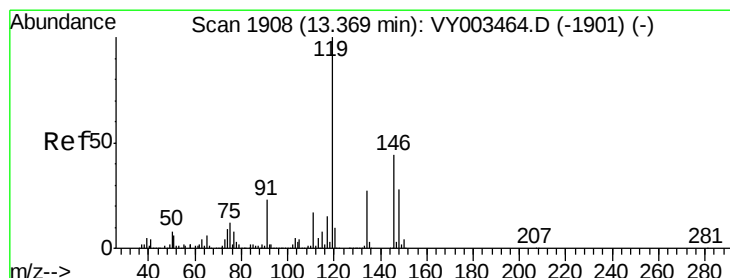
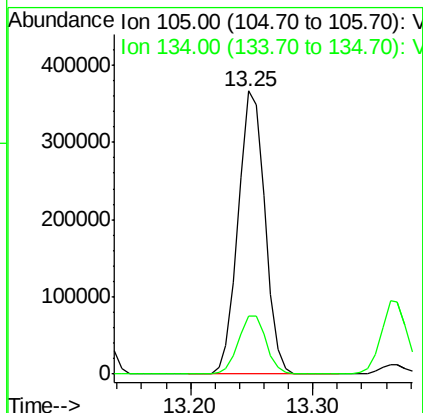
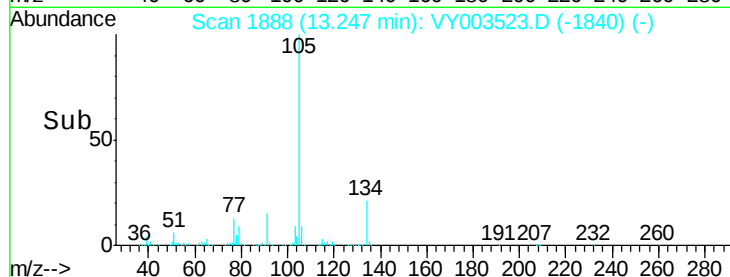
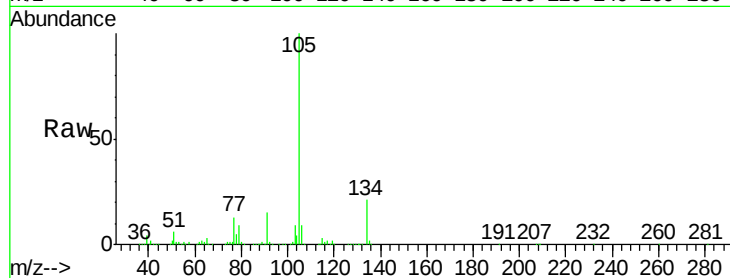
134 21.4 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.245 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

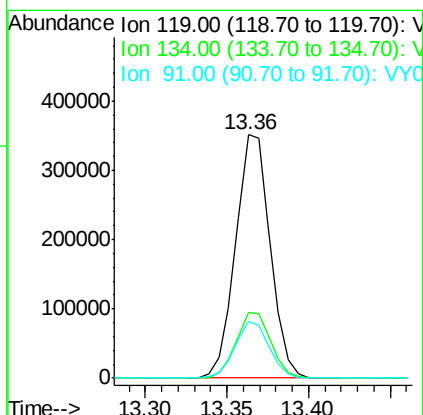
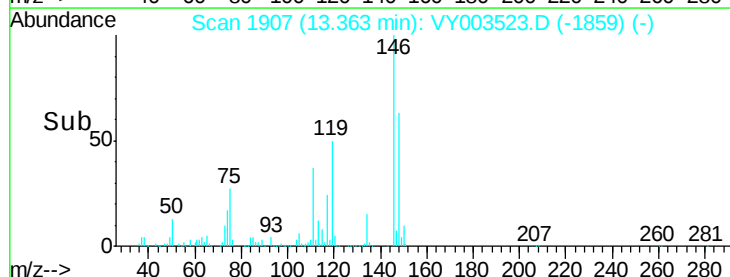
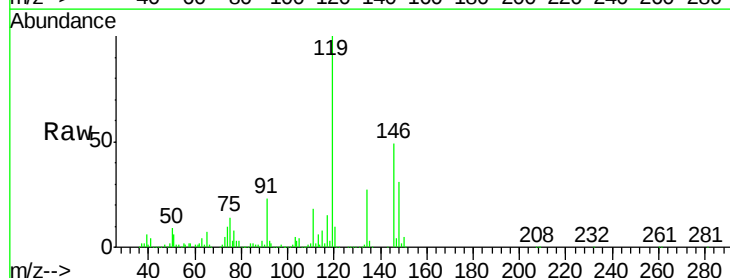
Tgt Ion:119 Resp: 518467

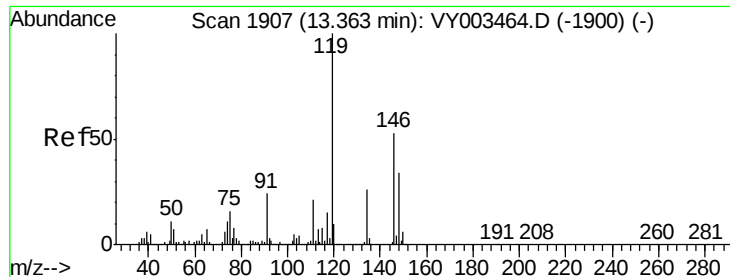
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.8 11.4 34.2





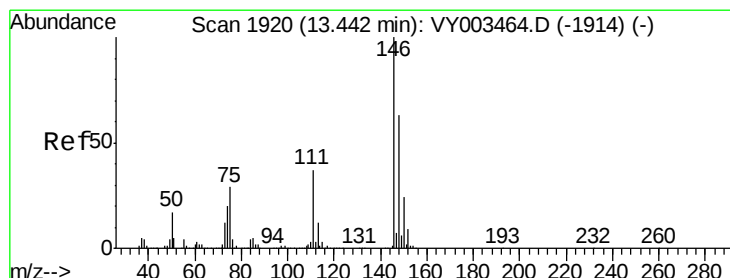
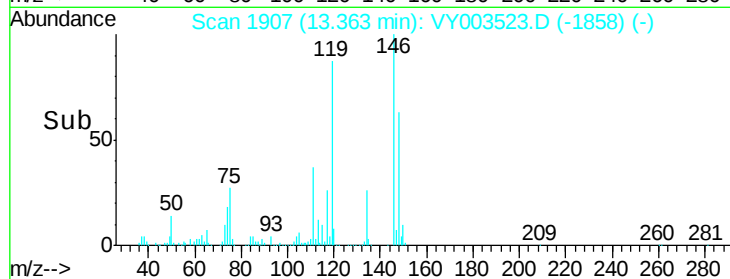
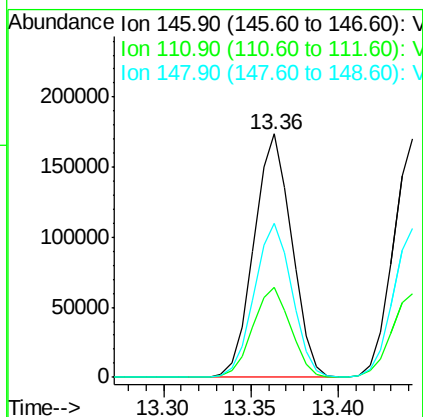
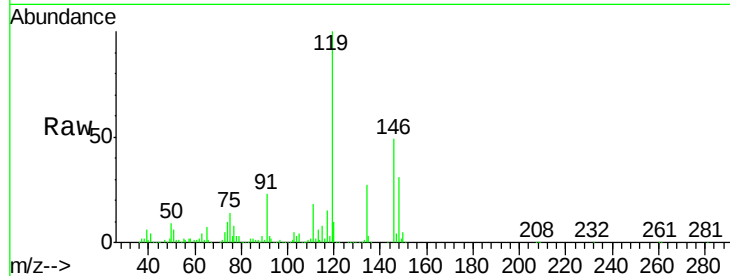
#87
 1,3-Dichlorobenzene
 Concen: 53.295 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.1
148	63.3	32.4	97.0

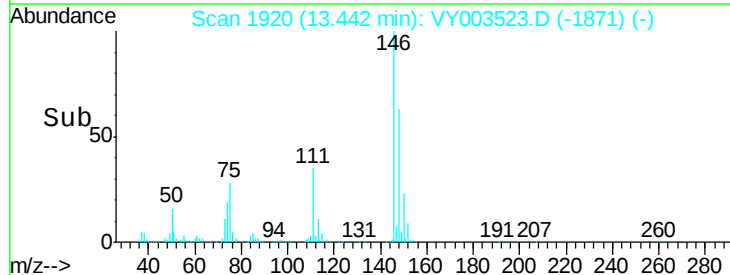
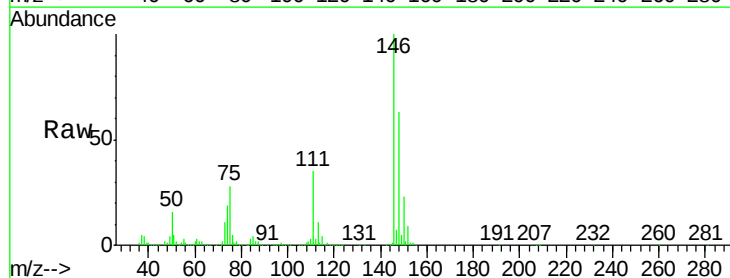
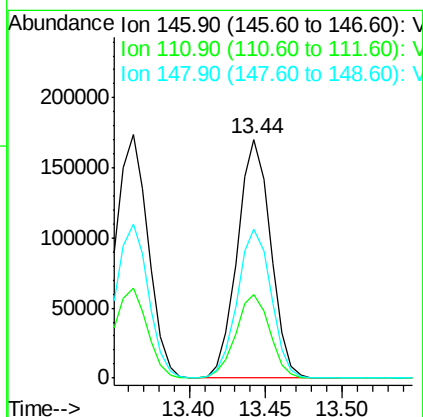
Manual Integrations
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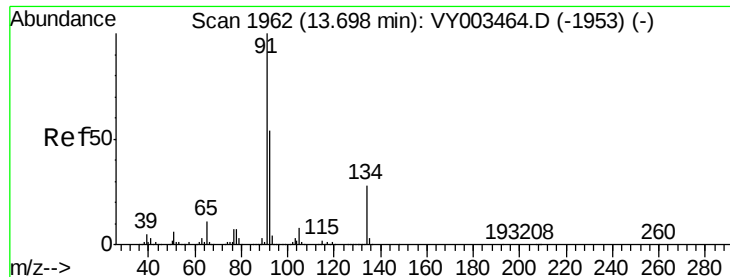
SAM
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#88
 1,4-Dichlorobenzene
 Concen: 52.780 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.3	54.8
148	63.4	32.0	96.0





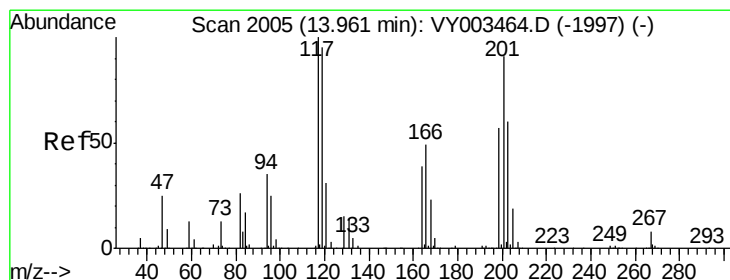
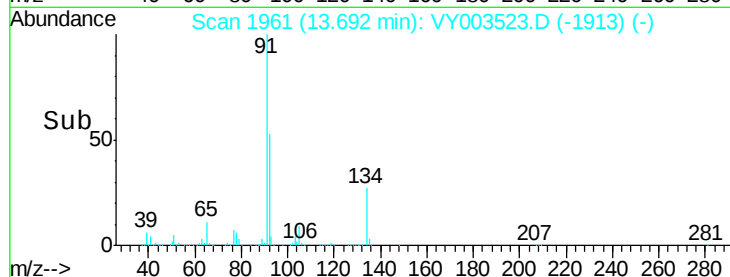
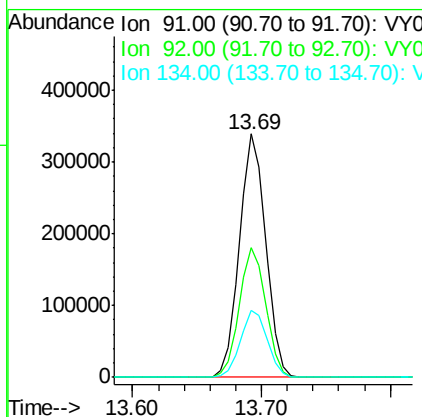
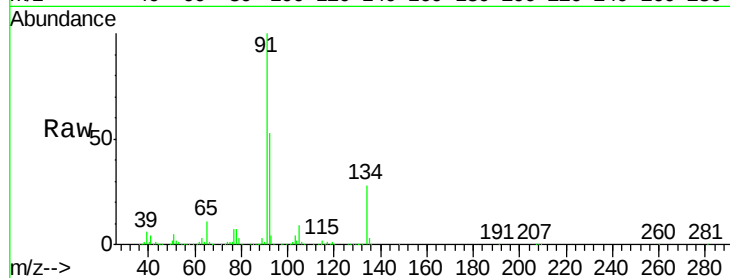
#89
n-Butylbenzene
Concen: 54.848 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	27.8	13.8	41.3

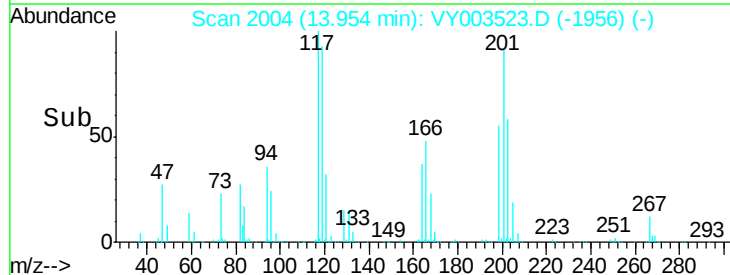
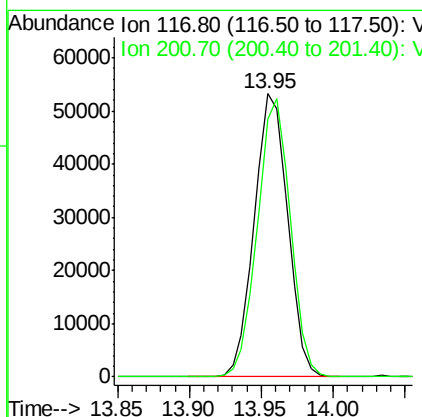
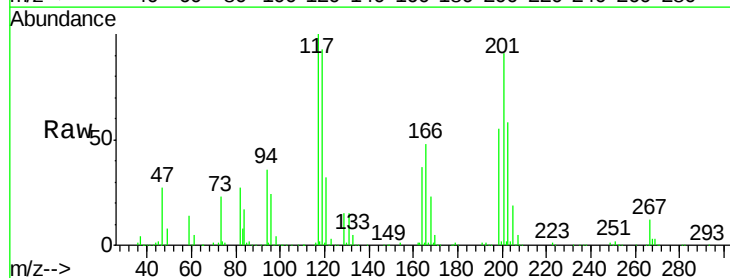
Manual Integrations
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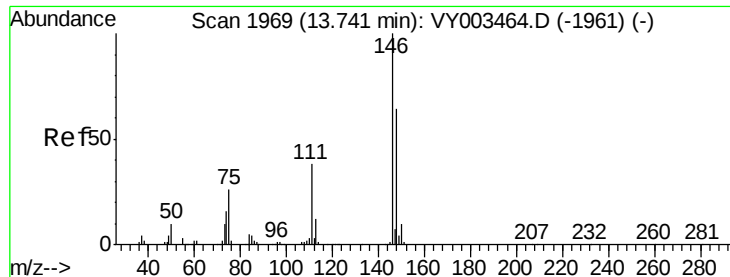
SAM
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#90
Hexachloroethane
Concen: 52.998 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	46.6	139.8





#91

1,2-Dichlorobenzene

Concen: 52.475 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

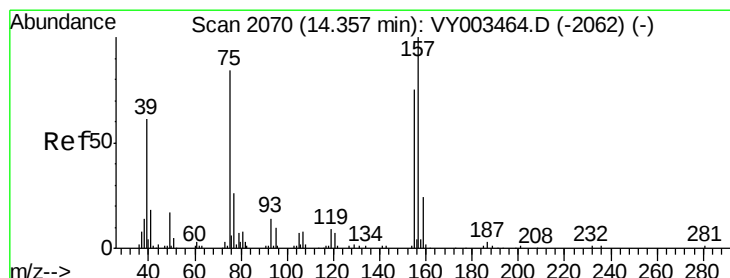
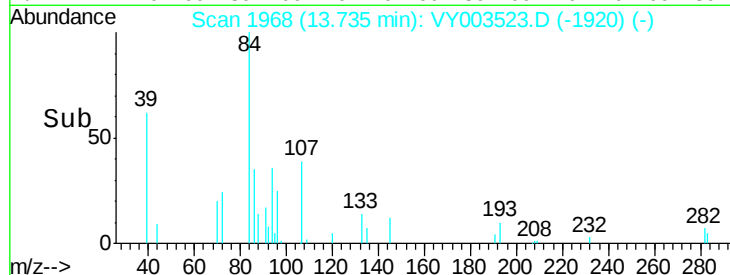
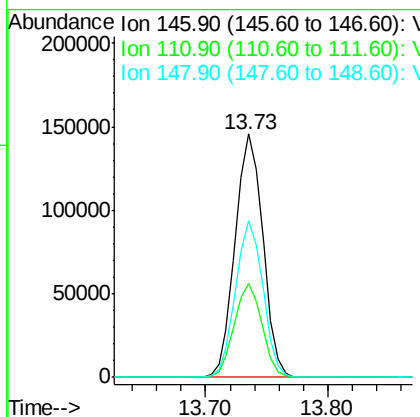
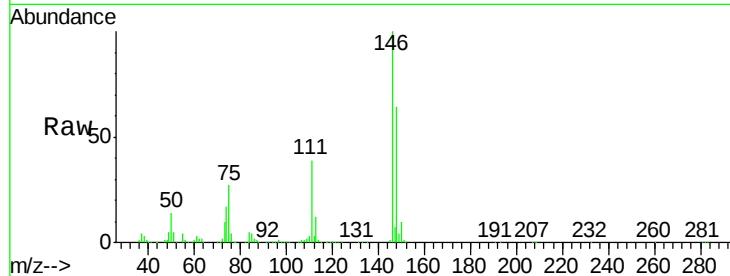
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	228533
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.3	57.8
148	63.5	32.3	96.8

Manual Integrations
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11/13/2020 6:13:28 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.892 ug/l

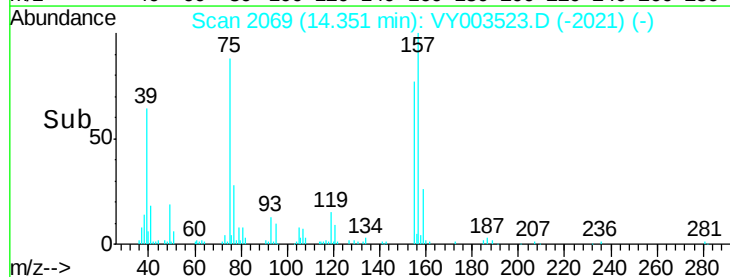
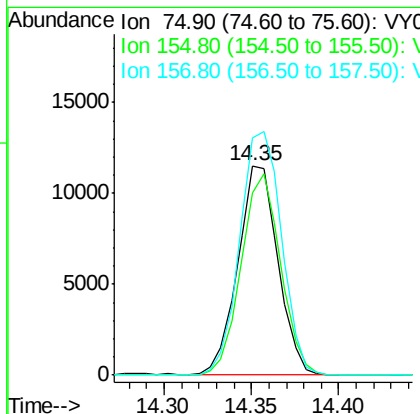
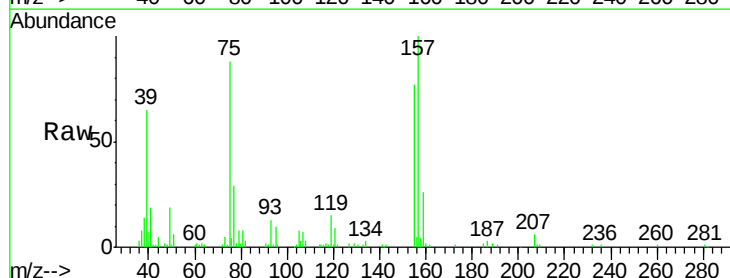
RT: 14.35 min Scan# 2069

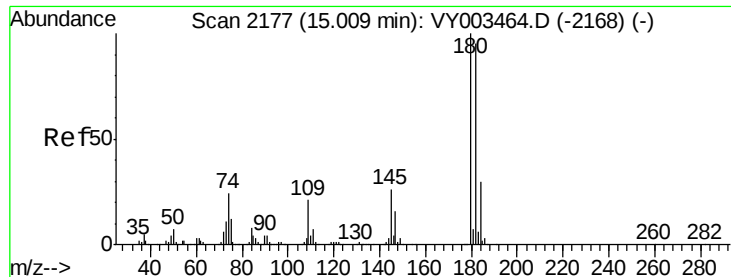
Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion:	75	Resp:	18380
Ion Ratio	Lower	Upper	
75	100		
155	94.2	45.6	136.7
157	120.8	60.3	180.8





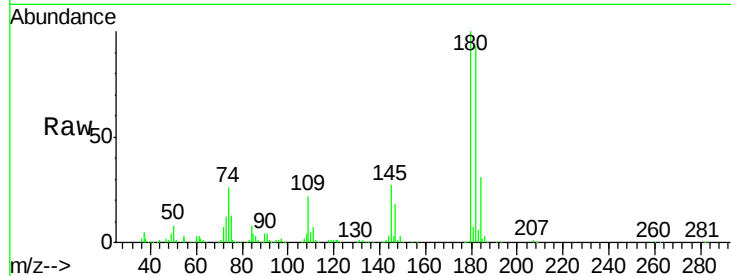
#93
 1,2,4-Trichlorobenzene
 Concen: 55.380 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

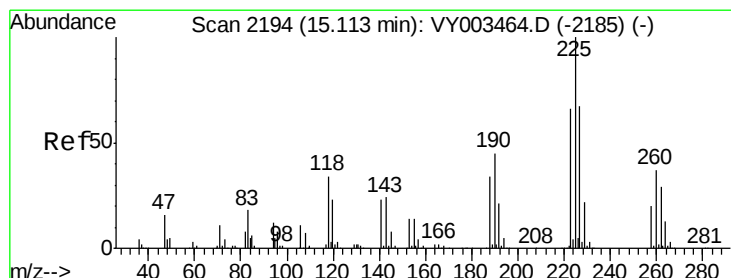
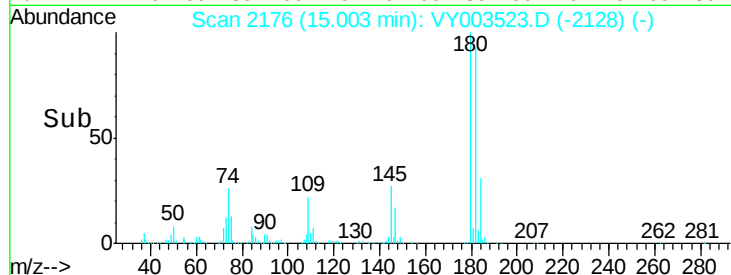
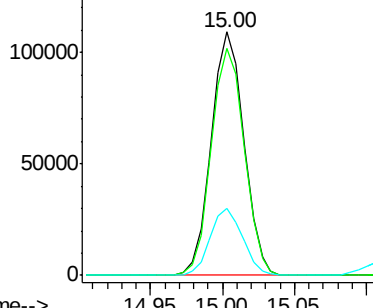
Tot Ion	Ratio	Resp	Lower	Upper
180	100	170600		
182	94.5	48.1	144.3	
145	27.4	13.8	41.3	

Manual Integrations
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SAM
 11/13/2020 6:13:28 PM

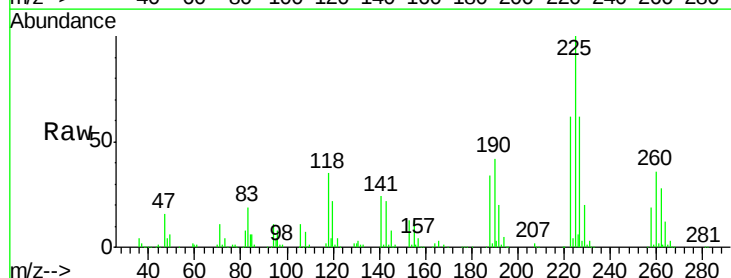


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

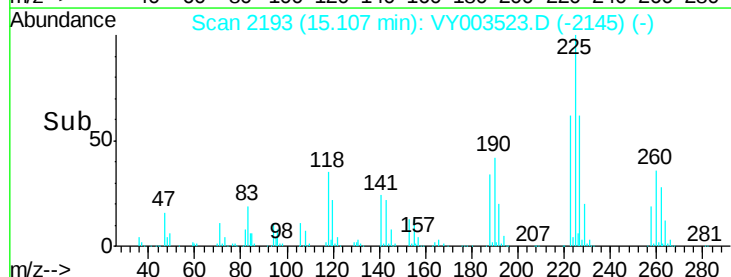
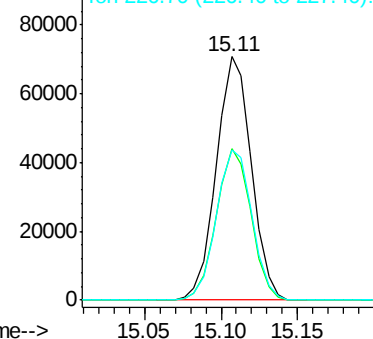


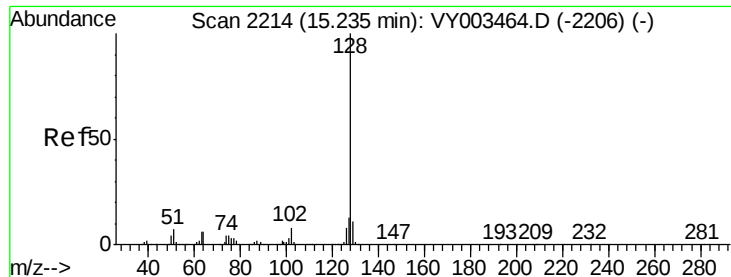
#94
 Hexachlorobutadiene
 Concen: 56.797 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112554		
223	61.7	32.1	96.3	
227	62.9	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





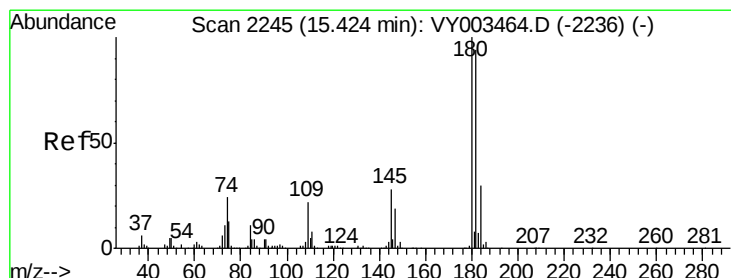
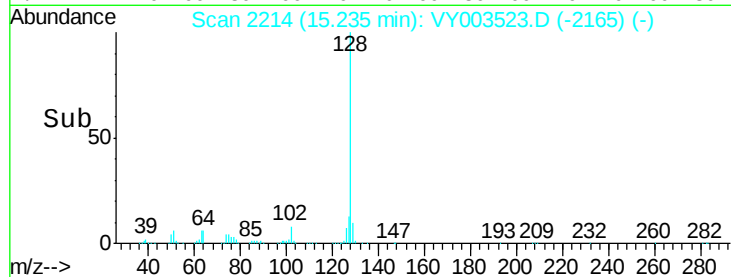
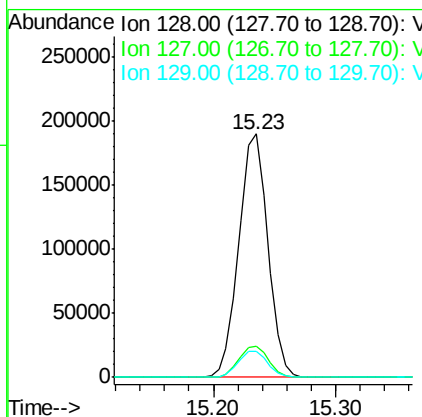
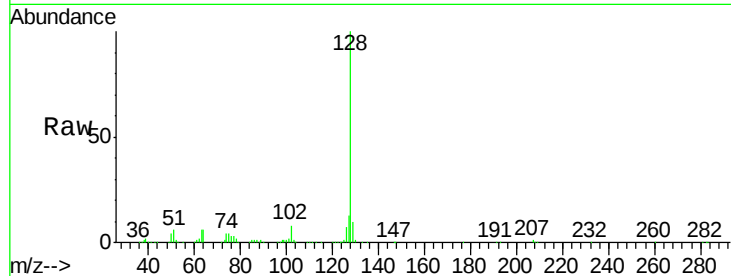
#95
Naphthalene
Concen: 50.684 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312655		
127	13.2	10.5	15.7	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.694 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148790		
182	95.2	46.9	140.7	
145	29.0	14.4	43.2	

